

April 5, 2016

## Ms. Janet A. Encarnacion

Disclosure Department The Philippine Stock Exchange Inc. Philippine Stock Exchange Plaza Ayala Triangle, Ayala Avenue Makati City

## Ms. Justina F. Callangan

Corporate Finance Department Securities and Exchange Commission SEC Bldg. EDSA, Greenhills Mandaluyong City

Dear Madam:

We submit to you a copy of our Company's SEC Form 17-A Annual Report for the year ended December 31, 2015.

We trust everything is in order.

Very truly yours,

Emmanuel L. Samson SVP – Chief Financial Officer

## **COVER SHEET**

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	File N	umber

## **NICKEL ASIA CORPORATION**

(Company's Full Name)

## 28th Floor NAC Tower, 32nd Street, Bonifacio Global City, Taguig City

(Company's Address)

## +63 2 892 6669 / +63 2 798 7622

(Telephone Numbers)

## **December 31**

(Fiscal Year Ending) (month & day)

## **SEC FORM 17-A Annual Report**

Form Type

Amendment Delegation (If applicable)

**December 31, 2015** 

Period Ended Date

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(Secondary License Type and File Number)

## SECURITIES AND EXCHANGE COMMISSION

APR 0 5 2018



## ANNUAL REPORT PURSUANT TO SECTION 17 OF THE SECURITIES REGULATION CODE AND SECTION 141 OF THE CORPORATION CODE OF THE PHILIPPINES

1.	For the fiscal year ended:	<b>DECEMBER 31, 2015</b>
2.	SEC Identification Number:	CS200811530
3.	BIR Tax Identification No.:	007-085-191-000
4.	Exact name of issuer as specified in its charter	NICKEL ASIA CORPORATION
5.	Province, Country or other jurisdiction of incorp	oration or organization: PHILIPPINES
6.	Industry Classification Code: (SEC Use Or	nly)
7.	Address of principal office	Postal Code
	28th Floor NAC Tower, 32nd Street,	<u>1634</u>
	<b>Bonifacio Global City, Taguig City</b>	
8.	Issuer's telephone number, including area code	: <u>+63 2 892 6669 / +63 2 798 7622</u>
9.	Former name, former address, and former fisca	I year, if changed since last report.
	N/A	
10.	Securities registered pursuant to Sections 8 and	12 of the SRC, or Sec. 4 and 8 of the RSA
	Title of Each Class	Number of Shares of Common Stock Outstanding
	Common Circula	and Amount of Debt Outstanding
	Common Stock	7,596,939,456 shares
	Long-term Debt	₽3,482.3 Million
11.	Are any or all of these securities listed on a Stoc	k Exchange.
	Yes [ <b>X</b> ] No [ ]	
	If yes, state the name of such stock exchange ar	nd the classes of securities listed therein:
	PHILIPPINE STOCK EXCHANGE	Common Stock
12.	Check whether the issuer:	
	(a) has filed all reports required to be filed by	Section 17 of the SRC and SRC Rule 17.1 thereunder or
		reunder, and Sections 26 and 141 of The Corporation Code
		(12) months (or for such shorter period that the registrant
	was required to file such reports);	
	Yes [X] No [ ]	
	(b) has been subject to such filing requirements	for the past ninety (90) days.
	Yes [X] No [ ]	

13. State the aggregate market value of the voting stock held by non-affiliates of the registrant.

As of December 31, 2015, 1,431,406,316 shares with a market price of ₽6.25 or an aggregate amount of ₽8,946,289,475 were held by non-affiliates.



# NICKEL ASIA CORPORATION 17-A ANNUAL REPORT 2015

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#### PART I – BUSINESS AND GENERAL INFORMATION

#### Item 1. BUSINESS

#### A. OVERVIEW

Nickel Asia Corporation ("the Company, Parent Company, NAC") was incorporated on July 24, 2008 with the Philippine Securities and Exchange Commission (SEC) and was listed with the Philippine Stock Exchange on November 22, 2010.

We export saprolite and limonite ore to customers in Japan, China and Australia. Our customers use our ore for the production of ferronickel and nickel pig iron (NPI), both used to produce stainless steel, and for the production of pig iron used for carbon steel. We are also the exclusive supplier of limonite ore from our Rio Tuba mine to the country's first hydrometallurgical nickel processing plant owned by Coral Bay Nickel Corporation (CBNC), where we have a 10% equity interest. CBNC became operational in 2005 and currently operates at a capacity of 24,000 tonnes of contained nickel and 1,500 tonnes of contained cobalt per year in the form of a mixed nickel-cobalt sulfide. It has proven to be the world's most efficient facility using the high-pressure acid leach (HPAL) process.

In 2010, we made an investment of \$\mathbb{P}4.4\$ billion for a 22.5% equity interest in the country's second hydrometallurgical nickel processing plant under Taganito HPAL Nickel Corporation (THNC). The plant started its commercial operation in October 2013, with a capacity of 51,000 tonnes of mixed nickel-cobalt sulfide. Our Taganito mine supplies all of the limonite ore for the plant. At a total project cost of US\$1.7 billion, the plant represents the single largest investment in the Philippine minerals sector.

Apart from our four operating mines, we have five properties in various stages of exploration for nickel. In November 2010, we concluded the purchase of Cordillera Exploration Co., Inc. (CExCI) from Anglo American Exploration (Philippines), Inc. (Anglo American), with four properties in the Central Cordillera of northern Luzon that are prospective for gold and copper. The purchase marks our first step in our vision to become a diversified mineral resource company. In November 2011, Sumitomo Metal Mining Co., Ltd. (SMM) acquired 25% equity in CExCI with an option to purchase additional shares to increase its total equity to 40%.

In 2015, CExCI identified a new property in the province of Zambales for exploration and development under Newminco Pacific Mining Corporation (Newminco), which is also prospective for gold and copper. In relation to this, SMM put an additional investment of US\$2.8 million to increase its ownership in CExCI from 25% to 40%. Newminco is the holder of exploration permit of areas located in Zambales.

In August 2015, we also concluded the purchase of 100% equity interest in Geogen Corporation (Geogen), which is the claim owner of the Isabela Nickel Project in Dinapigue, Isabela.

We also moved into the field of power generation. We are completing the construction of an 11 megawatts (MW) diesel power plant at a cost close to ₱900.0 million. Power will be sold to the Surigao del Norte Electric Cooperative, Inc. under a Power Supply Agreement. The plant is designed to alleviate the shortage of power particularly in Surigao City, and will be operational in the 2<sup>nd</sup> quarter of 2016.

Our entry into the renewable power business was formalized in 2015 with the conversion of a P446.0 million loan to equity and an additional equity infusion of P474.0 million, which correspond to an equity ownership in Emerging Power, Inc. (EPI) of 66%.

EPI's mission is to engage in power generation exclusively from renewable sources. In a relatively short period of time, EPI has acquired a number of Renewable Energy Service Contracts, principally a 100 MW solar and 50 MW wind service contract under Jobin-SQM, Inc. (Jobin), located in the Subic Bay Freeport; a geothermal service contract under Biliran Geothermal, Inc. (BGI), in the province of Biliran, Leyte; and a geothermal service contract under Mindoro Geothermal Power Corp. (MGPC) in Oriental Mindoro.

The construction of the Jobin solar component of the project commenced in the latter part of 2015. Defaults by the contractor, however, led to the termination of the EPC contract, delaying project implementation. We expect 7.14 MW of power to be generated within the second quarter of 2016. The balance of the project should be completed by year-end.

With respect to BGI, much work had already been done by EPI's 40% partner, Orka Geothermal Investments Pte., Ltd. (OGI), including the drilling of seven wells in this potentially large geothermal field and a considerable amount of required infrastructure. Although the drilling indicated that all wells have the required temperatures for the generation of geothermal power, a number of these are acidic in nature. Fluid management studies will be conducted prior to a decision on which wells will be developed.

In MGPC, drilling of two wells has been completed early in 2016. Thermal recovery is currently taking place, following which an assessment will be made as to the generation capabilities of the wells prior to a decision to develop.

We remain focused on growth while continuing to take our responsibilities toward environmental protection, local development and community relations and the safety of everyone involved in our operations very seriously. Our efforts in these areas have been recognized many times over, such as from awards we received during the annual Presidential Mineral Industry Environmental Awards. Fundamental to our operations is the principle of sustainability as the only way forward for any mineral development operation and we exert great effort to remain faithful to this principle.

We are committed to responsible mining and to world-class standards in all that we do.

#### **Outlook**

The year in review highlights the volatile nature of commodity prices and the uncertainties in the global economic outlook, in particular that of China. Its high economic growth rates for over a decade centered on the build-up of commodity intensive industrial capacity and infrastructure, which led to a boom in commodity prices across the board. As its economy matures and as its reform programs promote a shift to domestic consumption over investment, slower economic growth is occurring, exacerbated by an over-supply of industrial capacity built up during the high growth years. The result is a negative impact on demand for commodities.

A rebalancing of supply and demand for nickel is necessary for prices to improve. On the supply side, production cutbacks and mine closures of high cost producers are taking place, although at this time minor in terms of impact. Should prices remain at current low levels, we should see this process accelerating. It should be noted that the peak in London Metal Exchange (LME) nickel inventories occurred mid-2015, and since then have started to trend down moderately.

In the absence of a strong pick-up in demand, which is difficult to foresee, the rebalancing process will take time. We therefore expect another challenging year ahead of us. Our position as a low cost producer coupled with our strong balance sheet will, however, allow us to steer through this down cycle, as well as to take advantage of opportunities as they arise.

Our entry into the renewable power business is one such opportunity that we feel is a proper fit for our natural resource company. It is not without its challenges and growing the business will take time, but in 2015 we have laid the foundation for building a new business segment that will generate a more stable revenue base and create shareholder value in the medium term.

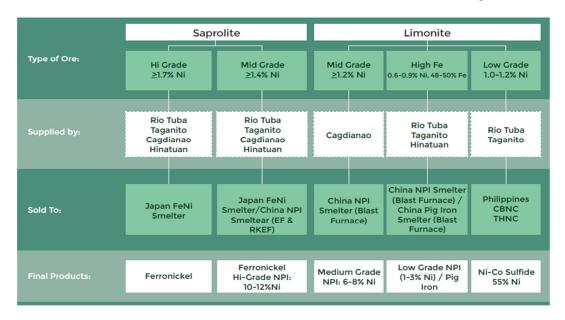
#### **B. CORPORATE OBJECTIVE**

We are focused on growth. At the same time, we take our responsibilities toward safety, environmental protection, community relations and development seriously. We believe that sustainable development is the only way forward for any mining operation and we exert great effort to achieve its principles. We are committed to responsible mining and to running every facet of our operations in a world-class manner.

We are also committed to provide the present and future generations a better life with clean and renewable energy which is cost effective, reliable, sustainable, and environmentally friendly.

#### C. PRODUCT MIX

We produce two types of nickel ore, namely saprolite and limonite. We define saprolite as nickel ore with iron content of less than 20% and limonite as nickel ore with iron content of 20% or higher.



We ship out two types of saprolite: high-grade and midgrade. High-grade saprolite has a nickel content of about 1.7% and above while mid-grade saprolite ore has a nickel content of between 1.3% to 1.6%.

All our high-grade saprolite ore were sold to Japanese clients, namely SMM and Pacific Metals Co., Ltd. (PAMCO), who use the material as feed for their ferronickel smelters. Our mid-grade saprolite ore were sold to Japanese and Chinese clients. Our Chinese clients use the material as feed for electric furnaces for the production of high-grade NPI.

We sell three types of limonite: mid-grade, high-iron, and low-grade. Mid-grade limonite ore has a nickel content of between 1.2% to 1.5% and an iron content of 25% to 40%. High iron limonite ore has a nickel content of less than 1% and an iron content of 48% to 50%. Low-grade limonite ore has a nickel content of 1.0% to 1.2% and an iron content of at least 30%.

Our mid-grade limonite ore were sold to Chinese customers who use the material as feed for blast furnaces for the production of medium-grade NPI. We also sold this material to an Australian customer, Queensland Nickel Oty. Ltd., which uses the material as feed for its nickel and cobalt refinery. Our high-iron limonite ore were sold to Chinese customers who use the material as feed for blast furnaces for the production of low-grade NPI. Finally, low-grade limonite ore from Taganito and Rio Tuba were utilized as feed for the Taganito and Coral Bay HPAL plants, respectively.

#### D. SUBSIDIARIES

The Parent Company and its subsidiaries were separately incorporated and registered with the SEC. Below are the Parent Company's ownership interests in its subsidiaries:

	Effective Own	nership
	2015	2014
Subsidiaries		_
Hinatuan Mining Corporation	100.00%	100.00%
Cagdianao Mining Corporation	100.00%	100.00%
Samar Nickel Mining Resources Corporation	100.00%	100.00%
La Costa Shipping and Lighterage Corporation <sup>(a)</sup>	100.00%	100.00%
Geogen Corporation	100.00%	_
Falck Exp Inc. (b)	88.00%	88.00%
Cordillera Exploration Co., Inc.	71.25%	71.25%
Newminco Pacific Mining Corporation (c)	71.25%	_
Taganito Mining Corporation	65.00%	65.00%
Rio Tuba Nickel Mining Corporation	60.00%	60.00%
Emerging Power Inc.	66.00%	_
Mindoro Geothermal Power Corporation (d)	66.00%	_
Manta Energy, Inc. (d)	66.00%	_
Biliran Holdings Inc. (d)	66.00%	_
Jobin-SQM, Inc. (d)	66.00%	_
Biliran Geothermal Inc. (d)	39.60%	_
Mantex Services, Inc. (d)	33.00%	_

- (a) Indirect ownership through HMC
- (b) Indirect ownership through HMC, CMC and TMC
- (c) Indirect ownership through CExCI
- (d) Indirect ownership through EPI

### **Hinatuan Mining Corporation (HMC)**

HMC was incorporated on October 9, 1979 and was granted rights over the Taganaan property in 1980. Development of the property commenced in 1981 and the first commercial shipment from the Taganaan mine was made in 1982. The size of the property was expanded in 1983 with the acquisition of additional claims on adjacent properties.

#### Cagdianao Mining Corporation (CMC)

CMC was incorporated on July 25, 1997 and acquired the right to operate the Cagdianao mine in 1998.

#### Samar Nickel Mining Resources Corporation (SNMRC)

SNMRC was incorporated on March 11, 2010, and is primarily engaged in the exploration, mining and exporting of mineral ores. SNMRC has not yet started commercial operations.

#### La Costa Shipping and Lighterage Corporation (LCSLC)

LCSLC was incorporated on October 23, 1992, and is primarily engaged in the chartering out of Landing Craft Transport (LCT) and providing complete marine services. LCSLC was acquired by HMC in April 2010. In May 2014, LCSLC sold all of its LCTs to HMC.

#### **Geogen Corporation**

Geogen was incorporated on October 9, 1998, and is primarily engaged in the exploration, exploitation and mining of metallic and non-metallic minerals, including, but not limited to, nickel, iron, cobalt, chromite and other associated mineral deposits. Geogen was acquired by the Parent Company in August 2015.

#### Falck Exp Inc. (FEI)

FEI was incorporated on November 22, 2005, and is primarily engaged in the business of exploring, prospecting and operating mines and quarries of all kinds of ores and minerals, metallic and non-metallic. FEI is currently on a dissolution phase.

#### Cordillera Exploration Co., Inc.

CExCI was incorporated on October 19, 1994 primarily to engage in the business of large-scale exploration, development and utilization of mineral resources. CExCI has a number of mining properties at various stages of exploration. It is currently not engaged in any development or commercial production activities.

#### **Newminco Pacific Mining Corporation**

Newminco was incorporated on October 9, 2006 and is primarily engaged in the exploration, mining, development, utilization, extraction, beneficiation and marketing of minerals and mineral resources. Newminco was acquired by CExCI in December 2015.

#### Taganito Mining Corporation (TMC)

TMC was incorporated on March 4, 1987, and is primarily engaged in the mining and exporting of nickel saprolite and limonite ore, and exploration activities. The first commercial shipment from the Taganito mine was made in 1989. TMC also provides services to THNC which involves the handling, hauling and transportation of materials required in the processing operations of THNC.

#### Rio Tuba Nickel Mining Corporation (RTN)

RTN was incorporated on July 15, 1969 to develop the nickel ore deposits discovered at the Rio Tuba mine site in 1967. It was granted rights over the Rio Tuba property in 1970 and commenced mining in 1975. RTN made its first commercial shipment in 1977. RTN also provides non-mining services required in the processing operations of CBNC.

#### **Emerging Power Inc.**

EPI was incorporated on October 16, 2007, and is primarily engaged in the renewable energy business. EPI was acquired by the Parent Company by way of loan conversion into equity in August 2015. EPI is the holder of Geothermal Renewable Energy Service Contract (GRESC) No. 2014-02-054 (Service Contract). On February 16, 2016, the Department of Energy (DOE) approved EPI's application to assign its rights and obligations under the Service Contract to MGPC.

#### Mindoro Geothermal Power Corporation (MGPC)

MGPC was incorporated on May 7, 2014, and is primarily engaged in the renewable energy business.

#### Manta Energy Inc. (MEI)

MEI was incorporated on May 21, 2007, and is primarily engaged in power business, including but not limited to power generation, power trading and supply to retail customers and end users.

#### Biliran Holdings Inc. (BHI)

BHI was incorporated on July 31, 2015, and is primarily engaged in investing in and holding of assets of every kind and description, as and to the extent permitted by law. It is also registered, within the limits prescribed by law, to engage in the business of infrastructure, power generation, real estate, manufacturing, trading and agribusiness and to pay other evidences of indebtedness or securities of this or any other corporation.

#### Jobin-SQM, Inc.

Jobin was incorporated on January 6, 2010, and is primarily engaged in power business, including but not limited to power generation, power trading and supply to retail customers and end users. Jobin is the holder of Solar Energy Service Contract (SESC) No. 2013-10-039 and Wind Energy Service Contract (WESC) No. 2013-10-062 which both covers an area in the municipalities of Morong and Hermosa, Bataan. Jobin was acquired by EPI in July 2015.

#### Biliran Geothermal Inc. (BGI)

BGI was incorporated on October 31, 2007. The principal activities of BGI are to explore, exploit, discover, develop, extract, dig and drill for, produce, utilize, refine, treat, process, transport, store, market, sell, use, supply, experiment with, distribute, manufacture, or otherwise deal in, any substance, minerals or otherwise, which by itself or in contribution with other substances generate or emanate heat or power and to enter into and perform service contracts including geothermal services. BGI's project, the Biliran Geothermal 25-year concession, was estimated to supply 100 MW of power to the grid but according to research conducted by BGI, it can further produce up to 170 MW. BGI was acquired by BHI in December 2015.

#### Mantex Services Inc. (Mantex)

Mantex was incorporated on March 26, 2012. Mantex is established primarily to provide technical, financial and public relations advisory, management and investments services for infrastructure projects.

#### **E. RECENT DEVELOPMENTS**

#### 1) Loan to Equity Conversion in EPI

On April 15, 2015, the Parent Company expressed its intention to exercise its conversion right and to convert the entire second tranche loan of P446.0 million to 55% equity interest in EPI, which is equivalent to 312,888,889 common shares, subject to the SEC's approval of the increase in authorized capital stock of EPI.

On July 16, 2015, the Parent Company subscribed to an additional 11% equity interest in EPI, which is equivalent to 184,052,288 common shares, for a total consideration of P474.0 million, subject also to the approval of EPI's increase in authorized capital stock.

The increase in EPI's authorized capital stock was approved by the SEC on July 28, 2015 and the corresponding shares were subsequently issued to the Parent Company.

#### 2) Business Acquisitions:

#### a. Geogen

On August 4, 2015, the Parent Company acquired 240,000,000 shares, or 100% equity interest, of Geogen for a total consideration of \$\textit{P484.8}\$ million. On the same date, a Deed of Assignment of Receivables was also executed between the Parent Company and the previous shareholders of Geogen wherein the Parent Company paid the amount of \$\textit{P209.2}\$ million representing the advances from stockholders of Geogen prior to acquisition. Geogen is the claimowner of the Isabela Nickel Project with an aggregate area of 2,392 hectares located in Dinapigue, Isabela covered by Mineral Production Sharing Agreement (MPSA) No. 258-2007-II.

#### b. BG

On August 24, 2015, EPI and BHI entered into an Investment Agreement with OGI and Biliran Geothermal Holdings Incorporated to acquire 60% equity interest of BGI for a consideration of P1.8 million, subject to the SEC's approval of the increase in authorized capital stock of BGI. The increase in authorized capital stock of BGI was approved by the SEC on December 17, 2015 and the corresponding shares were subsequently issued to BHI. BGI is the holder of GRESC No. 2010-02-010 which covers the geothermal field in Biliran, Leyte.

#### 3) Asset Acquisitions:

#### a. Newminco

On December 14, 2015, CExCI entered into Share Purchase Agreement (SPA) to acquire 100% equity interest of Newminco for a total consideration of ₱64.8 million.

CExCI acquired the shares of Newminco on a deferred payment basis and with the following terms: a downpayment of ₱30.8 million upon execution of the SPA while the remaining

balance of ₱34.0 million, which is non-interest bearing, is payable over a seven (7) year period.

#### b. Jobin

On July 16, 2015, EPI entered into a Deed of Assignment with the previous shareholders of Jobin and acquired 200,000 shares, or 100% equity interest, of Jobin for a total consideration of P0.2 million. Jobin is the holder of SESC No. 2013-10-039 and WESC No. 2013-10-062 which both covers an area in the municipalities of Morong and Hermosa, Bataan.

#### F. OUR STRATEGY

Our strategy is designed to maximize the profitability of our existing base of operations while driving growth through our involvement in downstream processing, continuing exploration of our portfolio of properties, acquiring new properties and business and expanding our customer base. The key elements of our strategy are to:

- 1) Pursue our brownfield and greenfield exploration programs to upgrade our existing resources, and develop new reserves and resources We have an extensive exploration program involving both brownfield exploration, which consists of work at our existing operations to extend resources and to upgrade resources to reserves; and greenfield exploration, which involves exploring and delineating nickel lateritic deposits in our existing exploration properties. We own approximately 100 manportable drilling rigs that are suitable for drilling lateritic deposits in an economic manner. Currently, we are deploying approximately 50% of these rigs at our mine sites for exploration, infill and production drilling. We believe that RTN's Mt. Bulanjao property in particular has substantial potential and we intend to conduct step-out and in-fill drilling at this site to fully delineate the lateritic deposits once we have obtained the applicable permit. Partial drilling and mining has already taken place at this property, as well as at the Manicani property where social preparation is currently being done prior to further drilling.
- 2) Acquire new properties or enter into operating agreements or joint ventures We believe that there is significant exploration potential in the Philippines for lateritic nickel deposits and we intend to seek opportunities to increase our reserves of saprolite and limonite ore. Most prospective areas in the country are already subject to registered mineral claims, so we intend to access new exploration properties by acquiring rights from, or entering into joint ventures with, the applicable claim owners. In doing so, we will carefully evaluate such properties to ensure that the terms we enter into will commensurate with the potential of the properties we seek to acquire. In 2015, the Parent Company acquired 100% equity interest of Geogen, the claimowner of Isabela Nickel Project.
- 3) Diversify to gold and copper The Philippines is well-endowed not only with lateritic nickel but also with gold and copper. World-class deposits have been discovered and substantial quantities of these metals have been mined in the past. We believe that the exploration potential nevertheless remains significant. In order to take advantage of this potential, we entered into an agreement to purchase CExCI from a subsidiary of Anglo American. CExCI has four groups of mineral claim in northern Luzon that are prospective for gold and copper mineralization. Two of these four claims are located at Mankayan and the remaining two claims are located at Manmanok property and Kutop. We believe that our extensive local knowledge, the experience of a number of our managers and technical staff in these metals and the quality of these properties make this acquisition an important step in our strategy to evolve into a diversified mining group. Substantial exploration work has been done at the Manmanok property. However, due to remoteness of the area, its lack of infrastructure, hostile behavior of the local population, security threats from communist rebels and criminal elements necessitate that any deposit to be discovered in the area be of high grade and large tonnage if it is to be developed. In view of these conclusions, all drilling and other exploration activities in Manmanok property were stopped as of July 31, 2013. Management, however, still decided to file for a 3rd renewal of the Exploration Permit (EP) to possibly do additional drilling in the untested areas. CExCl still awaits renewal of the said permit. In 2015, the Parent Company acquired Newminco, which is also prospective for gold and copper, through CExCl. Newminco is the holder of an EP in the municipalities of Cabangan, San Felipe, and San Marcelino, Zambales.

4) <u>Diversify to the power business</u> - Our goal is to develop, own, and manage a portfolio of renewable power assets in the Philippines that is diversified as to market, technology and location. We believe that our entry into the power business through EPI, which will concentrate exclusively on renewable energy sources, will provide significant opportunities to grow our revenues and sustain financial returns. At the same time, this activity will help alleviate the shortage of power in the country and contribute to economic growth in an environmentally friendly manner.

#### G. KEY STRENGTH

Our company believes in its key strength, which is:

#### Profitability underpinned by low cost production.

The foundation of our business is our ability to operate profitably through the commodity price cycle because of our low costs. We rank favorably in terms of mining costs when compared to other nickel mining companies. There are a number of factors that account for our low cost position:

- We benefit from favorable geologic conditions at all of our four mines. Our lateritic nickel deposits are near-surface, blanket-like layered deposits with minimal overburden and generally five (5) to thirty (30) meters thick, enabling us to conduct simple open-pit mining using trucks and loaders without blasting, the use of chemicals or complex waste handling.
- Historically, there was generally no market for our limonite ore, which needs to first be extracted in order to mine the more valuable saprolite ore. There was also no market for lower grades of saprolite ore. Limonite ore was then regarded as overburden and placed in stockpiles, while we undertook selective mining of high-grade saprolite ore, leading to relatively high mining costs. Since 2005, we have found customers for our limonite ore with the development of the China NPI market and the commissioning of the Coral Bay HPAL facility. In 2008, we have also experienced increasing demand from our customers for our low-grade saprolite ore and in 2010, we saw an emerging demand for the use of low-nickel, high iron limonite ore for blending with iron ore in the production of carbon steel. Our ability to sell limonite ore rather than place it in stockpiles as waste, and our ability to sell lower grades of saprolite ore allows us to mine in a more efficient manner and reduces the unit cost per wet metric tonnes (WMT) of nickel ore that we mine, thus improving our profitability. The commencement of commercial operations of the Taganito HPAL facility in 2013 adds an additional outlet for our limonite ore.
- On average, the nickel deposits at our four operating mines are located within three to seven kilometers from the applicable tidewater loading area, enabling easy hauling and transportation by barges and LCTs to our customers' ships. We own nine LCTs and eleven barges and lease additional barges and LCTs as needed. The short hauling distance from our mining operations to our loading facilities substantially contributes to our favorable cost position.
- Because our lateritic nickel deposits are near surface and relatively shallow, the rehabilitation of our
  mining areas is a straightforward process. The process generally involves re-contouring of the
  mined areas, replacing the overburden and planting foliage. We undertake progressive
  rehabilitation of our mined areas in order to spread costs, and the nature of our deposits results in a
  relatively manageable level of rehabilitation costs.

#### H. PERCENTAGES OF REVENUES FOR 3 YEARS

The following table summarizes percentages of our revenues by year and region for the past three fiscal years:

	Japan				China		Philippin	es (CBNC ar	nd THNC)		Australia		Total		
Year	Sapro- lite	Limo- nite	Total	Sapro- lite	Limo- nite	Total	Sapro- lite	Limo- nite	Total	Sapro- lite	Limo- nite	Total	Sapro- lite	Limo- nite	Total
2015	23%	-	23%	39%	21%	60%	-	15%	15%	1%	1%	2%	63%	37%	100%
2014	21%	-	21%	41%	24%	65%	-	13%	13%	-	1%	1%	62%	38%	100%
2013	14%	-	14%	17%	55%	72%	-	14%	14%	-	-	-	31%	69%	100%

#### I. SOURCES OF RAW MATERIALS AND SUPPLIES

The main supplies that we require to operate our business include diesel fuel, tires and spare parts for our mining equipment. We buy diesel and aviation fuel and lubricants from Petron Corporation (Petron) and/or Phoenix Petroleum Philippines, Inc. (Phoenix) and heavy mining equipment, such as trucks and excavators, from four manufacturers, Volvo, Isuzu, Caterpillar and Komatsu, through their Philippine distributors. In addition, we lease LCTs for use at our mine sites during the shipping season. We believe that there are a number of alternative suppliers for all of our requirements.

Our existing supply contract with Petron and/or Phoenix provides that they will supply the entire actual requirement of the operating companies of the group for diesel and lubricants of highest quality and based on the typical properties agreed in the contract.

For our power business, we have technical partners, mostly contractors and various consultants, which help us, build our projects and provide technical expertise particularly on our geothermal projects. Currently, we have existing contracts with BussBarr Corporation, QED, Iceland Geo Survey, ISOR and Institut Teknologi Bandung, Indonesia among others.

#### J. GOVERNMENT REGULATIONS AND APPROVALS

In our mining operations, we are guided by clear and stringent parameters set forth by the country's national and local laws accordingly implemented by national, regional and local agencies, namely: the Department of Environment and Natural Resources (DENR), the Mines and Geosciences Bureau (MGB), the Environment Management Bureau (EMB), the Protected Areas and Wildlife Bureau, and the local government units (LGU). The more significant regulations affecting our operations include the following:

#### Republic Act (RA) No. 7942 (Philippine Mining Act of 1995)

- Section 69 requires an annual Environmental Protection and Enhancement Plan (EPEP) for the rehabilitation, regeneration, revegetation, and reforestation of mineralized areas, slope stabilization of mined-out areas, aquaculture, watershed development and water conservation, and socioeconomic development
- Section 71 requires mine rehabilitation for mined-out areas to the condition of environmental safety, and the creation of a Mine Rehabilitation Fund

#### Consolidated DENR Administrative Order (CDAO) 2010-21 (CDAO for IRR of RA No. 7942)

- Section 171 requires an Annual EPEP (based on the approved EPEP)
- Section 173 requires the organization of a Mine Environmental Protection and Enhancement Officer to be incorporated into the organization structure
- Section 185 deputizes the Multipartite Monitoring Team to serve as monitoring arm, with the team
  composed of representatives from DENR Regional Office, Department Regional Office, EMB Regional
  Office, Contractor/Permit Holder, affected community/ies, affected Indigenous Cultural
  Community/ies and environmental non-governmental organization (NGO)
- Section 187 requires a Final Mine Rehabilitation/Decommissioning Plan, including financial requirements up to post-decommissioning

<u>Executive Order No. 26 (National Greening Program)</u> - mandatory reforestation activities outside of mining contract/permit/lease/tenement areas

RA 9003 (Ecological Solid Waste Management Program) - requires waste segregation, promotes recycling and sets guidelines for Materials Recovery Facility

RA No. 6969 and DAO 2013-22 - guidelines on proper handling and monitoring of toxic and hazardous waste material

All our mining companies also abide by commitments stipulated in their Environmental Compliance Certificate (ECC) and specified in their approved Contractor's Plan of Mining Operation.

#### **Pending Approval**

TMC's application for MPSA denominated as APSA No. 73-XIII for its La Salle Exploration project is pending reconsideration.

RTN's applications for MPSA denominated as AMA IVB-144A and AMA IVB-144B for its Bulanjao project are still pending approval before the DENR- MGB.

#### K. COMPETITION

We compete with both domestic Philippine nickel ore suppliers and foreign nickel ore suppliers (primarily from Indonesia) in world nickel ore markets. Domestic competitors are CTP Construction & Mining, Toledo Mining, and Platinum Group Metals Corp, while foreign competitors mainly include PT Aneka Tambang.

On our power business, the implementation of the Electric Power Industry Reform Act has paved the way for a more independent and market-driven Philippine power industry. This has allowed for competition, not limited by location, and driven by market forces. The sale of power and the dispatch of power plants depend on the ability to offer competitively priced power supply to the market. The Company's power projects which are still either in the exploration or development stage will face competition in the development of new power generation facilities as well as in the financing for these activities.

#### L. NICKEL ORE TRADE AND OUTLOOK

#### **Nickel Ore Trade**

Nickel ore in the country is mainly exported to China and Japan. Primary nickel consumption in China was estimated at 967 thousand tonnes in 2015, which accounted for 51% of global nickel consumption, while 7% of the global nickel consumption can be attributed to Japan.

Chinese nickel production in 2015 was estimated at 595 thousand tonnes, 380 thousand tonnes of which came from NPI, due to the Indonesian export ban implemented in early 2014, Chinese nickel ore importation further went down to 45 million WMT in 2015 from 54 million WMT in 2014, as per our research. This is mainly due to the shrink of Chinese market for low nickel, high iron material driven by low price of iron ore.

The Philippines accounted for almost 100% of nickel ore imports to China.

Nickel ore trade turned into a very difficult time in 2015 due to the continuous decline of LME nickel price driven by continuous increase of LME nickel inventory. This is mainly due to the weak nickel consumption in China as well as outside China.

#### **Outlook for Nickel**

Estimated global nickel supply in 2015 was at 1.944 million tonnes, while consumption was at 1.900 million tonnes, resulting to 56 thousand tonnes of oversupply. The global nickel consumption increased by only 0.7% year-on-year basis in the midst of a slowdown in the China demand.

Around 60% of nickel supply is consumed by stainless steel. Therefore, the growth in stainless steel production is a key factor to the outlook for nickel. Global stainless steel production in 2015 was estimated at 42 million ton, which is a 0.7% decrease on a year-on-year basis. Previous negative growth was experienced in 2009 when the global economy crisis is in progress. Stainless steel production in China resulted at 21.6 million tonnes in 2015 and 21.5 million tonnes in 2014, which is almost zero growth on a year-on-year basis.

On-going global nickel production cut is not significant to ease the oversupply situation and growth of nickel consumption is expected to stay at low level in 2016. We estimate that the low level of LME nickel price will continue towards the end of the year.

#### M. EXPLORATION AND DEVELOPMENT

#### **Nickel Resources**

NAC covers a wide area of exploration properties and an exploration program encompassing:

- 1. Brownfield exploration- consisting of work at our existing operations to extend resources and to upgrade resources to reserves; and
- 2. Greenfield exploration which involves exploring and delineating nickel lateritic deposits in our existing properties.

We own more than one hundred (100) drilling units that have been designed specifically for drilling near surface lateritic deposits in a quick and economical manner. We also have an experienced pool of geologists and laboratories at each of our mine site to assess samples as required.

Summary of our exploration and development properties:

Bulanjao:	Location:
• Total area of 3,604.5 hectares	Palawan
Conducted step-out drilling throughout the length of the Central Bulanjao	Island
deposit	Ownershine
• Extracted 7.5 million WMT of saprolite ore with an average grade of 1.88% nickel and 19.2 million WMT of limonite ore with an average grade of 1.01% nickel	Ownership: RTNMC
and 13.2 million with or innomice one with an average grade of 1.01% nicker	KTIVIVIC
Manicani:	Location:
<ul> <li>MPSA covers 1,165 hectares and expires in 2017</li> </ul>	Island of
	Manicani
	Ownership:
	нмс
Kepha:	Location:
Operating Agreement covers 6,980.75 hectares and expires in 2032	Surigao del
Rights to the property are governed by an Operating Agreement entered into in	Norte
February 2007 with Kepha Mining Exploration Corp. (Kepha)	
Application for renewal of the EP for the Kepha Property has been granted	Ownership:
Follow-up exploration work and drilling conducted in early 2013	TMC
La Salle:	Location:
• Operating Agreement covers 6,824 hectares and expires in 2034. However, the	Surigao del
MPSA area applied for has been reduced to 2,234.958 hectares	Norte
• Rights to the property are governed by an operating agreement entered into with	
La Salle Mining Exploration Company (La Salle) in December 2006	
• Found a nickel lateritic deposit on the southwestern portion of the property and	Ownership:
intend to conduct further exploration work on this deposit	TMC
Boa:	Location:
Covered by a separate MPSA	Province of
• 167 drill holes intended to be drilled by third quarter of 2012, but due to the	Dinagat Islar
delayed issuance of the tenement's permit for extension of exploration period,	-
there were still no exploration activities done in the area	Ownership:
<ul> <li>Memorandum of Agreement (MOA) covers 226.0235 hectares and expires</li> </ul>	CMC
on October 12, 2017	

Dinapigue:	Location:
Covered by MPSA No. 258-2007-II	Dinapigue, Isabela
	Ownership: NAC

Description of our Exploration and Development Projects

**Bulanjao** - The Bulanjao property is held by RTN. It has a total area of 3,604.5 hectares and is situated immediately west of RTN's mining operations. Our rights to the property are governed by a mining lease contract. The conversion of the mining lease contract to a MPSA has been delayed. Recently, the Municipality of Bataraza, where the Bulanjao property is located, has reclassified the mineralized area as "Mineral Development Zone" open to mining. In December 2014, through Palawan Council for Sustainable Development (PCSD) Resolution No. 14-517, a Strategic Environmental Plan (SEP) Clearance was granted by the PCSD in favor of RTN.

The Bulanjao deposit trends northwards to an area named Central Bulanjao, situated more than a kilometer from Southern Bulanjao. Partial drilling conducted in the past has resulted in measured and indicated mineral resources of 19 million WMT of limonite ore with average grades of 1.24% nickel and 35.5% iron and 11.1 million WMT of saprolite ore with an average grade of 1.77% nickel. Further drilling will be undertaken upon the issuance of the MPSA.

*Manicani* - The Manicani property is held by our subsidiary HMC. It has a total area of 1,165 hectares and is situated in Eastern Samar. Our rights to the property are governed by a MPSA that was entered into by HMC in 1992 and which was subsequently assigned to SNMRC. The application for the Deed of Assignment from HMC to SNMRC was endorsed to the MGB Central Office for further evaluation and final approval. However, on June 1, 2014, a mutual rescission of the said Deed of Assignment was executed by and between HMC and SNMRC and a copy of the said rescission was received by the MGB on July 14, 2014.

We conducted mining at the Manicani site between 1992 and 1994 and extracted and sold a total of 63,176 WMT of saprolite ore with an average grade of 2.45% nickel from the site. We suspended mining at the site in December 1994 because low prevailing nickel prices made mining the site uneconomical. We made shipments from stockpiles in 2001 and 2004. In 2004 a regional Panel of Arbitrators rendered a decision recommending the cancellation of the MPSA on the grounds that we had violated certain applicable environmental regulations. We disputed such allegations and our MPSA was upheld by the Mines Adjudication Board of the DENR in September 2009.

To date, there is work to be done before mining operations can be resumed. Currently, we are processing the approval to extend the exploration period under the MPSA. In connection with that, we have received the necessary endorsement from the host community in the form of resolutions issued by the four (4) barangays comprising Manicani Island and likewise from the Municipality of Guiuan. These endorsements, along with various presentations to be made to the MGB of Region VIII and to the community, shall be part of our compliance with the government regulations pertinent to the approval of the extension of the exploration period.

Once the exploration period has been extended, we shall begin our confirmatory drilling activities subsequently. We will commence mining once the suspension order is lifted. Incidentally, a Letter of Authority to Dispose Nickel Stockpile was issued by MGB Director Leo Jasareno on July 1, 2014.

**Kepha** - The Kepha property is held by TMC. The property has a total area of 6,980.75 hectares and is situated in the province of Surigao del Norte, immediately southwest of our Taganito mine's northern boundary. Our rights to the property are governed by an Operating Agreement that we entered into in February 2007 with Kepha. Kepha entered into a MPSA in June 2009, giving it the right to explore, develop and mine the property for an initial period of twenty five (25) years.

Under the terms of our Operating Agreement, TMC has the right to explore, develop and operate the property during the period of the MPSA in return for the payment of a royalty of 5% of gross revenues from all metallic minerals sold from the property.

The application for renewal of the EP for the Kepha Property has been granted. Exploration activities at the Kepha mining claim did not resume as the indigenous people groups from barangay Camam-onan municipality of Gigaquit, continued to prevent the exploration activities in their area. Their demand is for them to be part of the directly affected indigenous people community.

Negotiations had led to the agreement to make an addendum to the Free, Prior-Informed Consent (FPIC) to include the indigenous people groups of Barangay Camam-onan as part of the directly affected community. This will eliminate the need to go thru the FPIC process and will also save time and resources for the parties concerned. The next step is to have the 3 tribal leaders meet to sign a MOA and have the agreement recognized by the National Commission for Indigenous Peoples (NCIP). The application for the second renewal of the EP will then follow.

Despite the problem with the indigenous people community of barangay Camam-onan, TMC continued to bring development projects to the barangay. Most notably is the renovation of the barangay Camamonan gymnasium to a suitable evacuation center. This move by TMC was warmly welcomed by the BLGU and constituents of Camam-onan. The project is currently on-going wherein the concreting of the flooring is completed and the accomplishment is at 50%. Completion of the project will be in the first half of 2016.

Other activities are the proposal to donate 1 fire truck to the LGU of Gigaquit. The proposal is to condition the old fire truck of TMC and donate it to the LGU of Gigaquit. This is also supported by a resolution from the LGU. Currently the conditioning of the fire truck is on-going and is expected to be completed in the first half of 2016.

La Salle - The La Salle property is held by TMC. The property previously had a total area of 6,824 hectares but the application had been reduced to 2,234 hectares and is situated in the province of Surigao del Norte. It shares a common boundary with the Kepha property on the southwest side of the property. Our rights to the property are governed by an Operating Agreement that we entered into with La Salle in December 2006. La Salle's application for a MPSA is pending and TMC is responsible for completing the requirements for approval of the MPSA.

Under the terms of the Operating Agreement, TMC will have the right to explore, develop and operate the property once the MPSA is approved, in return for the payment of a royalty of 5% on gross revenues from all metallic minerals sold from the property and \$10.00 per metric ton of limestone extracted and sold from the property.

We have identified a nickel lateritic deposit on the southwestern portion of the property near the boundary with the Kepha property and intend to conduct further exploration work on this deposit.

**Boa** - The Boa area is covered by a separate MPSA and is contiguous to the Valencia mining tenement. 167 drill holes were intended to be drilled by the third quarter of 2012, but due to the delayed issuance of the tenement's permit for extension of exploration period, there were still no exploration activities done in the area.

**Dinapigue** - the Parent Company acquired the mineral property within the area subject of MPSA No. 258-2007-II on August 4, 2015. The property is located in the northeastern portion of Luzon, at the eastern foothills of the Sierra Madre mountains near the coast in Brgy. Dimaluade, municipality of Dinapigue, province of Isabela. The project is known as the Isabela Nickel Project which covers an area of 2,392 hectares. It is approximately 425 kilometers from Manila and accessible through 10 hours land travel.

Currently in its development stage, Isabela Nickel Project is seeing the implementation of the following activities in anticipation of the commencement of mining and shipping activities come 2nd quarter of 2017:

- Exploration and development drilling activities for use in ore body modelling, and subsequently, long and short term planning
- Topographic survey of areas within the MPSA boundary
- Conduct of off-shore geophysical/geotechnical tests for use in the planning and design of causeway
- Initial repair and maintenance of access roads and environmental control measures
- · Community and environmental base lining activities

#### **Gold and Copper Resources**

The Philippines is located in a very complex tectonic and geological terrain. It is bounded on the west by the east-dipping Manila Trench and on the east by the west-dipping Philippine Trench. Because of the interaction of both these geological features, a resulting northwest-trending Philippine fault, with its numerous major and associated branches, has rendered a distinct archipelagic character to the ground. On a more global scale, the Philippines lie within the "Pacific Rim of Fire", also known as the circum-Pacific belt, an area with a nearly continuous series of oceanic trenches, volcanic arcs and/or plate movements.

But while the Philippine inhabitants have to suffer the devastating effects of earthquakes and volcanic eruptions, these same geological processes have provided the favorable geological settings for the deposition and/or emplacement of rich gold, copper, chromite, nickel and other mineral deposits. The Philippines has long been acknowledged as one of the most richly endowed in mineral resources. This claim is validated by the country's long mining history which can be traced back to the 15th century. In the 50's to 70's, particularly, the Philippines maintained its position as one of the world's top ten producers in gold, copper, chromite and nickel.

Given this potential, our local knowledge, and the experience of a number of our engineers and managers previously employed in gold and copper mining firms, a strategic decision was made to diversify into these metals as the opportunities arise. Based on this strategy, we entered into an agreement in August 2010 to purchase 100% of the outstanding shares of CExCI from Anglo American, a subsidiary of Anglo American Plc. The sale pushed through on November 15, 2010.

In May 2011, we entered into a Participation and Shareholders' Agreement with SMM outlining the terms of SMM's equity participation in CExCI. In November 2011, based on the terms of the said Agreement, SMM invested \$1.5 million in CExCI in return for a 25% equity interest. In 2015, SMM exercised its option to invest \$2.8 million for an additional 15% equity, which, after the approval of the increase in the authorized capital stock of CExCi would bring SMM's total equity in CExCI to 40%.

**Zambales** - In December 2015, CExCI acquired 100% equity interest of Newminco, which holds an EP for copper, gold, and related base and precious metals over an area located in Cabangan, San Felipe, and San Marcelino in the province of Zambales. The decision to acquire Newminco was made following the discovery of outcropping gold veins, the sampling of which in part returned good assays for gold.

Exploration activities being conducted in the properties area include geologic mapping, sampling and trenching. The initial results of the exploration work are encouraging and drilling of the gold veins is scheduled in the 2nd quarter of 2016.

#### Manmanok, Kutop and Mankayan Properties

CExCI has an approved EP over the Manmanok property in Apayao Province, an EP application over the Kutop property in the province of Abra, and an application for a financial and technical agreement over the Mankayan property within the adjoining provinces of Benguet, Ilocos Sur and the Mountain Province.

*Manmanok* - The Manmanok property is located within the Municipality of Conner, Apayao Province. The property is covered by EP-004-2006-CAR, which was first granted in October 2006 and subsequently renewed twice with the corresponding reduction in area coverage. The final area covered by the permit is approximately 4,996 hectares.

Following the second renewal of the permit in April 2011, a Stage 1 exploration program, consisting of detailed mapping and sampling, and a reinterpretation of previous geophysical and geochemical data was implemented. A Central Argillic Zone was consequently delineated, and a subsequent scout diamond drilling program consisting of 2,790.00 meters was programmed to confirm depth persistence and continuities of mineralized structures within the identified Central Argillic Zone and partly the Southeast Argillic Zone.

Nine (9) drill holes with a total of 2,367.70 meters were completed. Gold mineralization was confirmed in 8 out of the 9 completed holes, with the best intercept in MNDH-03 over a 33-meter continuous interval with an average grade of 0.8 g/t, which included a 12-meter interval at 1.6 g/t average. Gold was found to occur mainly as disseminations in a quartz-bearing volcaniclastics unit, and within quartz veins and shear zones. The mineral and alteration assemblages intercepted suggest a low sulfidation epithermal gold mineralization. The possibility of higher-grade mineralization still exists at the base of the limestone unit within the Southeast Argillic Zone, as well as within the Northwest Argillic Zone.

A decision on further work on the said areas will be made should the third renewal request of the EP be approved. The remoteness of the area, its lack of infrastructure and other factors will be considered in this determination.

A Terminal Report on the Environmental Activities, and a Final Accomplishment Report of CExCl's Community Development Program covering the period of the 2nd renewal term, October 2011 to October 2013, have been submitted to MGB-Cordillera Administrative Region (CAR) and cleared as of July 2014.

Priority activities in the project area for the year included:

- a) care and maintenance of the Mapaoay Camp;
- b) compliance activities on the reportorial requirements on the project by the government; and
- c) farm out Manmanok property or enter into joint venture with other parties for the continuation of project.

*Kutop* - The Kutop property is located within the municipalities of Malibcong and Daguioman in the Province of Abra, and the municipality of Balbalan in the Province of Kalinga. The property, with a total area of 13,268 hectares, is covered by an application for EP designated as ExPA-014-CAR

CEXCI was in process of having the Work and Financial Plan (WFP) for the conduct of field-based investigations (FBI) approved. The original WFP was done in September 2011. It was in April 2013 that a revision of the WFP was required by the NCIP CAR Regional Director, and it was only in mid-2014 that NCIP Abra finally agreed to revise the said WFP in accordance with the "The Revised Guidelines on FPIC and Related Processes of 2012". Because of the impending deadline for the completion of the NCIP-required processes, a letter requesting the extension of the period to complete the requirements was sent to MGB-CAR in February 2015.

Despite the letter specifying that CExCl has not been remiss on the required conduct of FBI and FPIC processes over the applied area, and that the inaction of NCIP-CAR and NCIP-Abra has caused the delay in the completion of the requirements, ExPA-014 was denied by MGB-CAR due to non-submittal of the "certificate of precondition".

Motions for Reconsideration of the denial order were lodged with MGB-CAR, which were all summarily denied. An appeal requesting a) the lifting of the Order of Denial issued by MGB-CAR and b) giving due course to EXPA-014-CAR is now pending with the Director of the MGB.

*Mankayan* - The Mankayan Property is located within two regions, the CAR and Region I, and consists of a FTAA application, designated as AFTA-008 and covering 77,549 hectares. Following publication, and the exclusion of built-up and agricultural areas, the final cleared area covering AFTA-008 was reduced to 54,936 hectares.

In July 2013, a decision was made by the Board of Directors (BOD) to partially convert the AFTA-008 to an EP application. The area initially targeted for conversion is 11,169 hectares covering the Mankayan/Cervantes areas. The conversion was approved and consequently designated as ExPA-116. After its endorsement to the NCIP Region I office, a WFP for the conduct of the FPIC process was formulated, approved, paid for and ready for execution. After its endorsement to the NCIP-CAR regional office, however, the application was forwarded to the Ancestral Domain Office of NCIP-Central for appropriate action as per the "Revised Guidelines on FPIC and Related Processes of 2012".

Because of the new NCIP guidelines, it was deemed necessary to amend the application by segregating the area applied for within CAR region from the area applied for in Region 1. This led to two applications: ExPA 116 Mankayan, which covers approximately 5,157 hectares, and ExPA 116 Cervantes, which covers approximately 6,012 hectares.

A WFP to conduct FBI over the Mankayan side was completed in September 2015, and ready for implementation by November 2015. The WFP to conduct FBI and consequently the FPIC over the Cervantes side was completed in March 2014 but remains suspended for implementation pending the resolution of the amendment application, which is expected to be in early 2016.

#### N. ENVIRONMENT AND REHABILITATION

#### **Environmental Responsibility**

We adhere to the principles and practices of sustainable development. We are committed to complying and following environmental regulations by implementing best practices in managing environmental impacts of our operations. Mining is a temporary land use and once mining operations in our sites have ended, we plan to restore these properties to at least as close as possible to their pre-mining condition or to develop alternative productive land uses for the benefit of the surrounding communities. We are also committed to investing in programs and technologies to mitigate the anticipated impacts of mining activities.

To manage environmental impacts, NAC's subsidiaries have an EPEP. This refers to the comprehensive and strategic environmental management plan for the life of mining projects to achieve the environmental management objectives, criteria and commitments including protection and rehabilitation of the affected environment.

It is the operational link between the environmental protection and enhancement commitments under CDAO 2010-21, consolidated implementing rules and regulations of RA No. 7942, as well as those stipulated in the ECC under Presidential Decree 1586 and the Contractor's plan of mining operation.

Activities undertaken through our Annual EPEP include, among others:

- Rehabilitation of mine disturbed areas
- Reforestation
- Construction and/or maintenance of environmental facilities
- Solid waste management
- Hazardous waste management
- Air quality monitoring and water quality monitoring
- Preservation of downstream water quality

NAC also complies with the ECC conditions and the performance of commitments through our Annual EPEP. This program is monitored and evaluated by the Multipartite Monitoring Team - a multi-sector group headed by a representative from the Regional MGB and representatives of LGUs, other government agencies, NGO, people's organization, the church sector and the Company.

In 2015, we spent approximately ₱396.8 million on our EPEP.

#### Rehabilitation

In line with our commitment to maintain a sustainable environment in its areas of operation and abide by the Philippine Mining Act of 1995, NAC regularly conducts onsite environmental assessment to ensure that all its subsidiaries are strictly implementing progressive rehabilitation within standard set by regulatory agencies.

The process begins with re-contouring, backfilling and leveling the land. After this, the area is covered with top soil and other soil amelioration strategies to provide fertile ground for planting. We follow the "Sequential Planting Method", wherein we first plant fast growing species, then they are provided with a vegetative cover within 12 to 18 months to enable planting of other species. Another successful method used is by utilizing large planting materials which resulted to more than 90% survival and high growth rate.

Creating a biodiversity area with varied species of vegetation including native fruit bearings trees will eventually be a source of food for a variety of wildlife species that will aid in rehabilitating mine affected areas by way of succession and regeneration. The rehabilitation effort is managed by our expert foresters with the help from indigenous peoples from the locality, and we have demonstrated that a totally mined out area can be significantly re-vegetated in just 12-18 months.

The end result is a sustainably managed forest far better than the stunted vegetation there before, because of the mineralized nature of the soil.

As a means of restoring the disturbed areas from mining operations, NAC requires each mine site to create a decommissioning/ closure plan. The closure plan includes the process in which mined-out areas will be rehabilitated and monitored, until the rehabilitation criteria set by MGB are successfully satisfied. The program for final rehabilitation and decommissioning includes social package which include livelihood components for the host communities and the affected employees of our companies. The four operating subsidiaries have already developed their respective plans for review and approval of the MGB.

Mine Rehabilitation is contained in the Mining Act of 1995. It's part of a Sustainable Development. It's part of our Best Practice at our subsidiary, RTN. Following the "Sequential Planting Method", we first plant fast growing species called Pioneer Species such as Batino, Acacia mangium, Acacia auriculiformis and others – all grown and nurtured in our nursery. These species provide vegetatiev cover within 3 years to enable the planting of "Climax Species" like Apitong, Ipil, Narra, Almaciga, Agoho, Kamagong and others which we need tree shade to grow. They form the core of the new forest stands. Native fruit-bearing trees are also planted to provide a source of food for wild animals that will eventually populate the forest. To ensure the survival of all these trees we have a forestry team. Composed mostly of indigenous people from the surrounding areas, the team conducts a maintenance program like watering during summer, ringweeding cultivation around seedlings, application of compost and other related activities. The work of the team has achieved a survival rate of 80%-90% for the trees.

As of December 31, 2015, the Group recognized a provision for mine rehabilitation and decommissioning of \$\textstyle{1}69.9\$ million. Funds for mine rehabilitation and other environmental guarantee funds are established and deposited in trust funds, as required by the Philippine Mining Act. We have \$\textstyle{2}14.9\$ million maintained in such funds as of December 31, 2015. This amount complies with the minimum requirement under the law.

In 2015 and 2014, the Group has rehabilitated and reforested a total of 250.7 hectares and 197.31 hectares, respectively, with corresponding number of trees planted of about 644,407 and 406,610, respectively.

#### O. SOCIAL RESPONSIBILITY

We endeavor to be a valuable partner for economic and social progress. As a corporate citizen, we recognize the great privilege of sharing the opportunities and the responsibilities afforded by doing

business in the country. The principles of sustainable development clearly identify for us our obligation to make every effort and ensure that the benefits of development reach every stakeholder.

Social development programs are created and implemented in all the mines. The focus areas of these programs are designed to address needs of communities around the mine sites. These programs are carried out through the Social Development Management Plans (SDMPs) and Corporate Social Responsibility (CSR) activities of the Group. The main difference between the two programs is that the SDMP is required by the government, while CSR is voluntary on the part of the Group.

We engage with residents, LGUs, government agencies, local NGOs, international agencies and other interested groups to understand concerns, identify needs and design projects that will facilitate long-term and beneficial resource development. Each of our operating mines manages their social expenditures through its respective SDMPs. These are five-year programs that contain a list of priority projects identified and approved for implementation, in consultation with the host communities. Each mine site has a community relations team that is in charge of identifying and implementing SDMPs, and maintaining strong relationships with communities. Annually, the Group sets aside a budget for SDMP projects that focus on health, education, livelihood, public utilities and socio-cultural preservation. The implementation of the programs are monitored, audited and evaluated by the MGB.

We also recognize the rights of the indigenous peoples and Indigenous Cultural Communities and in compliance with the Indigenous Peoples Rights Act, we entered into agreements for royalty payments and other assistance for their socio-economic well-being.

We respect and value each of our employees and observe the fundamental tenets of human rights, occupational safety and non-discrimination in the work place. We implement a Safety and Health Program in all our operating mines and we provide the equipment, training and resources necessary to enable our employees to perform their work safely and without risk to their health. We have committees and labor management groups that monitor our health and safety programs. We believe that security, goes hand in hand with safety in the workplace and we have security policies and systems founded on the protection of basic human rights and respect for people.

Beyond the mandatory SDMP programs, we carry out our own CSR programs. The NAC's CSR Program is anchored on 2 central elements:

- 1. Community Partnership and Relationship Building
  - a) Establishing and maintaining positive relationships with communities by having them as partners for community development and nation building
  - Partnership building with communities (both social and environmental) community as essential partners and not as mere beneficiaries
  - c) Community serving as the primary protector of the Company through strong partnership and relationship

#### 2. Leadership

- a) Top management strongly supports the company's CSR initiatives
- b) Social Investment going beyond compliance and considering CSR not as an additional cost but as an investment

#### P. EMPLOYEES

As at December 31, 2015, we had approximately 1,653 employees. Of these, approximately 850 are employed in mining operations, including overburden removal. Approximately, 338 are engaged in various maintenance and ancillary functions and 465 are in administrative, technical and professional roles, including our senior management.

The table below shows the distribution of our workforce (full time regular employees only):

#### **Head Office**

	NAC	СМС	нмс	TMC	RTN	CEXCI	SNMRC	EPI	MGPC	Jobin	Total
Senior Management	15	1	1	2	1	-	-	6	1	-	27
Managers	9	1	-	2	2	2	-	-	-	-	16
Supervisors	15	8	5	6	7	3	1	2	-	-	47
Rank & File	15	3	8	9	8	4	_	-	8	1	56
Total	54	13	14	19	18	9	1	8	9	1	146

Minesite/Project Field Office

	NAC	СМС	нмс	TMC	RTN	CEXCI	SNMRC	EPI	MGPC	Jobin	Total
Senior Management	-	1	1	1	1	-	1	-	-	-	5
Managers	-	7	11	25	22	-	4	-	-	1	70
Supervisors	-	37	55	146	85	-	6	-	-	-	329
Rank & File	-	130	111	306	548	-	2	-	6	-	1,103
Total	-	175	178	478	656	-	13	-	6	1	1,507

Each mine site and project field office also provides work opportunities for the communities. The table below shows a breakdown of the workforce (full time, contractual, probationary and casual) hired from the local communities in each area of operation:

Minesite	Manpower from local community	Indigenous People
Regular	1,042	20
Probationary	60	-
Seasonal	1,323	2
Total	2,425	22

NAC complies with the government standards on the wages and labor practices in the Philippine mining and renewable energy industries. Labor conditions, including wages and benefits, are governed by Collective Bargaining Agreements (CBA) negotiated at the mine level. Rank and file employees in each mine site are represented by their respective labor unions. Generally, CBAs have terms of 5 years (with a provision for wage renegotiation after 3 years).

HMC's CBA is being negotiated for the five year period. The respective CBA's of RTN and CMC shall be negotiated for the remaining two years while TMC's CBA has been negotiated and agreed upon for the final two years. We believe that our wages and conditions are among the best in the Philippine mining industry. We believe that our relations with employees and their unions are generally good. The last strike at any of our mines occurred in 1981.

#### Pension Costs

The Company provides its regular employees with a retirement benefit as part of its employment benefits. The cost of providing benefits under the defined benefit plans is actuarially determined using the projected unit credit method. This method reflects service rendered by employees to the date of valuation and incorporates assumptions concerning the employees' projected salaries. The assumptions include among others, discount rates and future salary increase rates.

Defined benefit costs comprise the following:

- Service cost
- Net interest on the net defined benefit liability or asset
- · Re-measurements of net defined benefit liability or asset

These amounts are calculated periodically by independent qualified actuaries.

#### Q. RISKS RELATED TO OUR BUSINESS AND INDUSTRY

Our operations are prone to terrorist attacks and other insurgent atrocities due to the location of mine sites. NAC ensures the safety of its communities and employees by working with the government and tapping all available resources that may help prevent, or at the very least, reduce terror-related incidents.

Each mining operation also employs a safety team under an accredited safety officer to promulgate safety measures and procedures and to ensure that these are followed. Training programs are also being conducted regularly.

On October 3, 2011, around 200 armed men occupied the TMC mine site and destroyed, among others, equipment, building structures, materials and supplies by setting them on fire. Accounting, personnel, laboratory and administrative records were destroyed. Approximately \$\mathbb{P}\$239.5 million worth of damages were sustained. Fortunately, no life or limb was lost. In response to the incident, security was increased, not just in TMC, but all our mine sites. This was done in close coordination with the Armed Forces of the Philippines tapping the services of the Special Citizen Armed Forces Geographical Unit Active Auxiliary Companies.

NAC expends significant financial and managerial resources to comply with a complex set of environmental, health and safety laws, regulations, guidelines and laws drawn from a number of different jurisdictions. Our facilities operate under various operating and environmental permits, licenses and approvals to satisfy these conditions. Failure to meet these conditions could result in interruption or closure of exploration, development or mining operations or material fines or penalties.

Aside from the above, we face a number of risks and the occurrence of any of these risks could have an adverse impact on our business, results of operations and financial condition.

Volatility of LME nickel prices - Our revenue is largely dependent on the world market price of nickel. The sales price of nickel ore is correlated with the world market price of nickel. The nickel price is subject to volatile price movements over time and is affected by numerous factors that are beyond our control. These factors include global supply and demand; expectations for the future rate of inflation; the level of interest rates; the strength of, and confidence in, the U.S. dollar; market speculative activities; and global or regional political and economic events, including changes in the global economy. A growing world nickel market and increased demand for nickel worldwide have attracted new entrants to the nickel industry, spurred the development of new mines and expansion of existing mines in various regions, including Australia, Indonesia and New Caledonia, and resulted in added production capacity throughout the industry worldwide. An increasing trend in nickel prices since early 2003 have encouraged new or existing international nickel producers to expand their production capacity. An increased rate of expansion and an oversupply of nickel in world nickel markets in the future could reduce future nickel prices and the prices we receive under our nickel ore supply agreements. If the sales price of our nickel ore falls below our production costs, we will sustain losses and, if those losses continue, we may curtail or suspend some or all of our mining and exploration activities. We would also have to assess the economic impact of any sustained lower nickel prices on recoverability and, therefore, the cut-off grade and level of our nickel reserves and resources.

**Nickel mining is subject to a number of inherent risks that are beyond our control** - Our mining operations are influenced by changing conditions that can affect production levels and costs for varying periods and as a result can diminish our revenues and profitability. Inclement or hazardous weather conditions, the inability to obtain equipment necessary to conduct our operations, increases in replacement or repair costs, prices for fuel and other supplies, unexpected geological conditions and prolonged disruption of production at our mines or transportation of our nickel ore to customers could have a significant impact on the productivity of our mines and our operating results.

Other factors affecting the production and sale of our nickel ore that could result in increases in our costs and decreases in our revenues and profitability include:

- equipment failures and unexpected maintenance problems;
- interruption of critical supplies, including spare parts and fuel;
- earthquakes or landslides;
- environmental hazards;
- industrial accidents;
- increased or unexpected rehabilitation costs;
- work stoppages or other labor difficulties; and
- changes in laws or regulations, including permitting requirements, the imposition of additional taxes and fees and changes in the manner of enforcement of existing laws and regulations.

The realization of any of these risks could result in damage to our mining properties, nickel ore production or transportation facilities, personal injury or death, environmental damage to our properties, the properties of others or the land or marine environments, delays in mining ore or in the transportation of ore, monetary losses and potential legal liability.

**Changes in Chinese demand may negatively impact world nickel demand and prices** - Approximately, 56% of our revenue in 2015 was derived from sales of nickel ore into China. The Chinese market has become a significant source of global demand for commodities.

China's consumption of primary nickel has increased by more than 30% over the past two years, according to CRU Strategies. While this increase represents a significant business opportunity, our exposure to China's economy and economic policies has increased. Our exposure to the Chinese market and our short-term supply agreements with Chinese customers have resulted in increased volatility in our business. In addition, increased Chinese demand for commodities has led to high volatility in the freight rates for shipping our nickel ore. High freight rates can discourage customers outside the Philippines from entering into long term supply agreements with us due to the unpredictability of future shipping costs and can also affect the price Chinese customers are willing to pay for our nickel ore.

China, in response to its increased demand for commodities, is increasingly seeking self-sufficiency in key commodities, including nickel, through investments in nickel mining operations in other countries. In addition, nickel ore is used in the production of stainless steel and a slowdown in the stainless steel industry in China, or China's economic growth in general, could result in lower Chinese demand for our products and therefore reduce our revenue.

A prolonged decrease in production by the Coral Bay HPAL facility or the Taganito HPAL facility - Approximately, 14% of our revenue in 2015 was derived from sales of limonite ore to the Coral Bay HPAL facility and Taganito HPAL facility. CBNC, the owner of the Coral Bay HPAL facility, is only required to pay for limonite ore that is actually delivered to the plant and there are no minimum take-or-pay provisions in the ore supply agreement governing our sales of ore to the facility. The ore supply agreement with Taganito HPAL facility is also subject to similar terms. In the event that the Coral Bay HPAL facility or the Taganito HPAL facility, decreases production or experiences an unexpected prolonged shutdown, we would reduce the volume of limonite ore that we deliver to the applicable facility or cease such deliveries altogether.

Our reserves may not be replaced, and failure to identify, acquire and develop additional reserves could have an adverse impact on our business, results of operations and financial condition - Our sources of nickel ore are currently limited to the Rio Tuba, Taganito, Cagdianao and Taganaan mines. Our profitability depends substantially on our ability to mine, in a cost-effective manner, nickel ore that possesses the quality characteristics desired by our customers. Because our reserves decline as we mine our nickel ore, our future success and growth depend upon our ability to identify and acquire additional nickel ore resources that are economically recoverable. We currently have seven mining exploration properties in the Philippines and if we fail to define additional reserves on any of our existing or future properties, our existing reserves will eventually be depleted. The acquisition of Geogen in 2015 will increase our current sources of nickel ore of the Group.

**We face competition in selling nickel ore** - We compete with both domestic Philippine nickel ore suppliers and foreign nickel ore suppliers in world nickel ore markets. We compete with other nickel ore suppliers primarily on the basis of ore quality, price, transportation cost and reliability of supply.

Failure to obtain, sustain or renew our mineral agreements, operating agreements and other permits and licenses necessary for our business - We rely on permits, licenses, including MPSA, operating agreements with third-party claim owners and land access agreements to conduct our mining operations. The MPSAs and Operating Agreement with respect to our five operating mines expire at different times between 2017 and 2047 and require renewal upon expiration. We believe that we currently hold or have applied for all necessary licenses, permits, operating agreements and land access agreements to carry on the activities that we are currently conducting under applicable laws and regulations, licenses, permits, operating agreements and land access agreements. We may be required to prepare and present to government authorities data pertaining to the impact that any proposed exploration or production of ore may have on the environment, as well as efficient resource utilization and other factors our operations may influence. The process of obtaining environmental approvals, including the completion of any necessary environmental impact assessments, can be lengthy, subject to public input and expensive. Regulatory authorities can exercise considerable discretion in the terms and the timing of permit issuance or whether a permit may be issued at all. Accordingly, the approvals we need for our mining operations may not be issued or renewed or, if issued or renewed, may not be issued in a timely fashion, or may involve requirements that may be changed or interpreted in a manner which restricts our ability to conduct our mining operations profitably.

Furthermore, new laws or regulations, or changes in the enforcement or interpretation of existing laws or regulations, may require substantial increases in our equipment and operating costs in order to obtain approvals required by, or to otherwise comply with the conditions imposed by, such new or revised laws and regulations. The need to obtain such new or revised approvals or to comply with additional conditions may also cause material delays or interruptions of one or more of our current or planned operations or developments or, to the extent such approvals or conditions cannot be obtained or met on an economical basis, the curtailment or termination of such operations or developments.

In addition, the local governments where our mines or exploration properties are located may impose additional restrictions on our operations. For instance, the conversion of a mining lease to a MPSA for our Mt. Bulanjao exploration property has been pending for several years due to restrictions on mining above a certain elevation imposed by the PCSD. Recently, the Municipality of Bataraza where the property is located, reclassified the Bulanjao area as open to mineral development. A final endorsement from the PCSD is necessary before RTN can receive the MPSA on the property.

Continued compliance with safety, health and environmental laws and regulations - We expend significant financial and managerial resources to comply with a complex set of environmental, health and safety laws, regulations, guidelines and permitting requirements (for the purpose of this paragraph, collectively referred to as "laws") drawn from a number of different jurisdictions. We anticipate that we will be required to continue to do so in the future as the recent trend towards stricter environmental laws is likely to continue. The possibility of more stringent laws or more rigorous enforcement or new judicial interpretation of existing laws exists in the areas of worker health and safety, the disposition of waste, the decommissioning and rehabilitation of mining sites and other environmental matters, each of which could have a material adverse effect on our exploration, operations or the cost or the viability of a particular project. Our facilities operate under various operating and environmental permits, licenses and approvals that contain conditions that must be met and our right to continue operating our facilities is, in a number of instances, dependent upon compliance with these conditions. Failure to meet certain of these conditions could result in interruption or closure of exploration, development or mining operations or material fines or penalties.

Changes in, or more aggressive enforcement of, laws and regulations could adversely impact our business - Mining operations and exploration activities are subject to extensive laws and regulations. These relate to production, development, exploration, exports, imports, taxes and royalties, labor standards, occupational health, waste disposal, protection and remediation of the environment, mine

decommissioning and rehabilitation, mine safety, toxic substances, transportation safety and emergency response and other matters. Compliance with these laws and regulations involve substantial costs. It is possible that the costs, delays and other effects associated with these laws and regulations may impact our decision as to whether to continue to operate existing mines, refining and other facilities or whether to proceed with exploration or development of properties. Since legal requirements change from time to time, are subject to interpretation and may be enforced to varying degrees in practice, we are unable to predict the ultimate cost of compliance with these requirements or their effect on operations. For example, RTN provides materials handling and transportation services to CBNC, which involve transporting materials for use at the Coral Bay HPAL facility from RTN's piers to the Coral Bay HPAL facility. These materials include sulfuric acid and other substances that are or could become classified as hazardous substances. If any hazardous substances are found to have been released into the environment by RTN, whether due to accidents, leakage or otherwise, we could be liable for the investigation and removal of those substances, regardless of their source and time of release. The cost of any remediation activities in connection with a spill or other release of such substances could be significant and could have an adverse impact on our business, results of operations and financial condition.

Exposure to exchange rate fluctuations - Our nickel ore sales are denominated in United States dollars while most of our costs are incurred in peso. The appreciation of the peso against the United States dollar reduces our revenue in peso terms. Accordingly, fluctuation in exchange rates can have an impact on our financial results. Additionally, in the past we have invested in derivative instruments that increased in value as the peso appreciated relative to the U.S. dollar, and vice versa. While our current policy is not to hedge our exposure to foreign currency exchange risk or invest in this type of derivative instrument, we do, and may continue to, invest in U.S. dollar denominated portfolio investments. Appreciation of the peso relative to the U.S. dollar could result in a translation loss on our U.S. dollar-denominated assets.

#### **Item 2. PROPERTIES**

#### A. MINING PROPERTIES AND PERMITS

Below is a summary of the Group's mineral agreements and permits, mineral resources and reserves and processing facilities with respect to its mining operations.

#### **RIO TUBA NICKEL MINING CORPORATION**

#### A. Rio Tuba mine

MPSA No. 114-98-IV covering beneficiated nickel mine - On June 4, 1998, RTN was issued a MPSA by the DENR covering an area of 990 hectares, situated at Barangay Rio Tuba, Bataraza, Palawan, valid for 25 years, renewable for another 25 years subject to mutually agreed upon terms and conditions. However, under the SEP for Palawan Act (RA No. 7611), operations are currently prohibited within an area of 144 hectares classified as "core zone" which are required to be fully and strictly protected and maintained free of human disruption. Included in the "core zone" are all types of natural forest, areas above 1,000 meters elevation, peaks of mountains or other areas with very steep gradients, and endangered habitats and habitats of endangered and rare species.

MPSA No. 213-2005-IVB for Rio Tuba Nickel's Limestone Quarry - On April 28, 2005, RTN was issued another MPSA for a total area of 84.5364 hectares in Bataraza, Palawan. This MPSA was also given a validity of 25 years renewable for another 25 years subject to mutually agreed upon terms and conditions. This MPSA covers the Sitio Gotok limestone pit, whereby limestone are being sold to CBNC and Unichamp Mineral Philippines, Inc. (UMPI). The terms and conditions of this MPSA mirror the terms of MPSA No. 114-98-IV granted to RTN, albeit covering mining of limestone rather than nickel products.

#### B. Bulanjao exploration

MPSA Application for expiring mining lease contracts - On June 17, 2003, RTN filed an application to renew and to convert into MPSAs 14 existing mining lease contracts which were due to expire from June 2003 to August 2004. The application included six small mining blocks of new areas located within the said existing mining lease contracts.

No operations are currently being conducted in these areas. The application remains pending.

#### HINATUAN MINING CORPORATION

#### A. Taganaan mine

MPSA 246-2007-XIII - On July 25, 2007, HMC was granted a MPSA covering 773,7870 hectares of mineral land in Talavera, Taganaan, Surigao del Norte within Parcel II of the Surigao Mineral Reservation for a period of 25 years renewable for another 25 years subject to mutually agreed upon terms and conditions.

#### B. Manicani mine

MPSA No. 012-92-VIII - The Manicani mine is subject to a MPSA No. 012-92-VIII granted on August 13, 1992 for 1,165 hectares. It has a term of 25 years and is renewable for another term not exceeding 25 years subject to mutually agreed upon terms and conditions. This MPSA was assigned to SNMRC which was submitted to the MGB VIII Regional Office on September 21 and will be endorsed by the same to the MGB Central Office for further evaluation and final approval. However, on June 1, 2014, a mutual rescission of the said assignment was executed by and between HMC and SNMRC and a copy of the said rescission was received by the MGB on July 14, 2014.

On May 1, 2002, the DENR ordered the suspension of mining operations in Manicani pending a conduct of investigation in view of the complaints of the Roman Catholic Bishop. In a decision dated August 2, 2004, an arbitral panel of the Mines Adjudication Board, MGB, Region 8, the MPSA was ordered cancelled. The basis for the decision of the Board was a violation of the ECC with respect to dust pollution, reforestation and wastewater discharge. As a result of the decision, mining operations in Manicani remain suspended. The mining operations were found by the Board to be causing pollution of the seawater of Manicani Island. A Memorandum of Appeal dated December 23, 2004 was filed by HMC and our MPSA was upheld by the Mines Adjudication Board on September 4, 2009. Incidentally, a Letter of Authority to Dispose Nickel Stockpile was issued by MGB Director Leo Jasareno on July 1, 2014. However, up to the date of this report, the authority to dispose is yet to be implemented.

#### **TAGANITO MINING CORPORATION**

#### A. Taganito Mine

MPSA No. 266-2008-XIII - TMC was granted a MPSA on June 18, 2009 for a period of 25 years subject to renewal as may be mutually agreed upon. The MPSA covers an area of 4,862.7116 hectares located at the Barangays of Hayanggabon, Urbiztondo, Taganito and Cagdianao, Municipality of Claver, Province of Surigao del Norte.

#### **B. Kepha Exploration**

MPSA No. 284-2009-XIII - On June 19, 2009, Kepha was issued a MPSA covering 6,980.75 hectares of mineral land situated in the Municipality of Claver, Province of Surigao del Norte within Parcel I of the Surigao Mineral Reservation. The MPSA is for a period of 25 years and renewable for another 25 years as may be mutually agreed upon by the parties.

The terms and conditions of this MPSA mirror the terms of MPSA No. 266-2008-XIII granted to TMC.

An Operating Agreement dated February 14, 2007 was executed by and between TMC and Kepha for a term of 25 years from February 14, 2007, whereby TMC shall maintain the mining rights covering the mineral property in good standing for and on behalf of Kepha.

#### C. La Salle Exploration

La Salle filed an application for MPSA denominated as APSA No. 000073-XIII covering 6,824 hectares of mineral land situated at Brgy. Sicosico, Municipality of Gigaquit, Surigao del Norte, Mindanao for the development of limestone deposits as mine.

On December 18, 2006, La Salle entered into an Operating agreement with TMC for a term of 25 years whereby TMC shall maintain the mining rights of La Salle covering the aforesaid properties and to keep the rights in current and good standing for and on behalf of La Salle. On August 12, 2010, La Salle submitted to the MGB an amended MPSA plan, reducing the area from 6,824 hectares to 2,234.96 hectares.

On January 11, 2016, TMC issued a Notice of Exclusion of the limestone deposit from the Operating Agreement to La Salle as TMC is no longer interested in the exploration and/or development of the limestone deposit inside the property.

#### CAGDIANAO MINING CORPORATION

#### A. Cagdianao Mine

MPSA No. 078- 97- XIII - On November 19, 1997, East Coast Mineral Resources Co., Inc. (East Coast) was granted a MPSA for a period of 25 years and renewable upon such terms and conditions as may be mutually agreed upon. The MPSA covers an area of 697.0481 hectares situated at Barangay Valencia, Municipality of Cagdianao, Province of Dinagat Islands, Surigao del Norte.

On the same date, a MOA was executed between CMC, as Operator, and East Coast for a period of 10 years from the effectivity of the MOA whereby East Coast grants CMC the exclusive right to explore, develop and utilize the mineral property covered by the MPSA. On November 19, 2007, the MOA was renewed for a period of 15 years, covering the remaining term of the MPSA. On December 18, 2015, a Supplemental Agreement was executed by CMC and East Coast, providing for, among others, an automatic renewal of the MOA for another 25 years, or from 2022 to 2047.

#### B. Boa Exploration

MPSA 241-2007-XIII-SMR - Norweah Metals and Minerals Company Inc. (Norweah) was granted a MPSA on July 12, 2007 for a period of 25 years and renewable upon such terms and conditions as may be mutually agreed upon. The MPSA covers an area of 226.0235 hectares situated in Boa, Municipality of Cagdianao, Province of Dinagat Islands, Surigao del Norte.

A MOA was executed on October 12, 2004 between Norweah and CMC for a term of 10 years from the approval of the MPSA, whereby Norweah granted CMC exclusive rights to explore, develop, exploit and operate the mineral property subject of the MPSA. In 2011, an application for the renewal of the exploration period was filed by CMC with the MGB and was approved on April 21. 2015. Drilling and geological mapping activities were conducted from June to August 2015 to identify nickel and chromite potential of the project area.

#### B. MINERAL RESOURCES AND RESERVES

As of December 31, 2015, the Company's Total Mineral Resources and Ore Reserves in accordance with Philippine Mineral Reporting Code (PMRC) are as follows:

		Tonnes	Tonnes			Contained
Ore	Class	(kWMT)	(kDMT)	% Ni	% Fe	Ni (kt)
Ore Reserves*	*					
Saprolite	Proved and Probable	114,904	78,341	1.51	12.01	1,184
Limonite	Proved and Probable	271,236	181,926	1.14	41.69	2,082
Mineral Resources**						
Saprolite	Measured & Indicated	162,266	108,218	1.50	12.01	1,620
Limonite	Measured & Indicated	283,659	190,007	1.12	42.57	2,121
Saprolite	Inferred	49,984	32,361	1.33	13.11	432
Limonite	Inferred	19,023	12,732	1.11	38.29	142

<sup>\*</sup> This ore reserves estimate was prepared by Engr. Rolando R. Cruz. (BSEM), Vice President for Operations of Nickel Asia Corporation. Engr. Cruz is a Competent Person under the definition of the PMRC and has sufficient experience as to the type of deposit and mineralization. He is a licensed mining engineer with PRC registration number 1803. He has given his consent to the attachment of this statement to the 17-A 2015 Annual Report concerning Ore Reserve Estimation.

#### C. PROCESSING FACILITIES

<u>CBNC</u>	
Facility	Coral Bay HPAL nickel processing plant
Location	In a Special Economic Zone adjacent to Rio Tuba mine
Ownership	Nickel Asia Corporation (10%)
	Mitsui and Co., Ltd. (Mitsui; 18%)
	Sojitz Corporation (18%)
	SMM (54%)
Operations	Commissioned in 2005 with design capacity of 10,000 tonnes per year of contained nickel. Capacity doubled to 20,000 tonnes per year of contained nickel in June 2009 and attained
	annual capacity of 24,000 tonnes in 2010 due to facility
	expansion.
Technology	HPAL process
Source of ore	. Rio Tuba mine
Product	Nickel-cobalt sulfide sold exclusively to SMM

The Company acquired its 10% equity interest in CBNC, the Philippine's first HPAL nickel processing plant, by way of property dividend distributed by RTN in March 2014. A consortium of Japanese companies led by SMM holds the remaining 90% equity interest. The plant was constructed adjacent to the Rio Tuba mine in an area designated as a Special Economic Zone by the Philippine Export Zone Authority (PEZA). As such, CBNC enjoys tax incentives, including a tax holiday. All of the limonite ore required for the plant is supplied by RTN from its extensive stockpile and from newly mined ore. RTN also supplies limestone and undertakes certain materials handling and transportation services. The plant produces a nickel sulfide precipitate containing approximately 57% nickel and 4% cobalt, which is sold exclusively to SMM for refining at its Niihama refinery. The facility uses proprietary SMM technology under a non-exclusive license.

<sup>\*\*</sup> This mineral resources estimate was prepared by Mr. Radegundo S. De Luna, Consultant of Nickel Asia Corporation.

Mr. De Luna is a Competent Person under the definition of the PMRC and has sufficient experience as to the type of deposit and mineralization. He is a licensed geologist with License number 218. He has given his consent to the attachment of this statement to the 17-A 2015 Annual Report concerning Mineral Resources Estimation.

**THNC** 

Facility . . . . . Taganito HPAL nickel processing plant

Location . . . . . . . . . . . . . . . . . . In a Special Economic Zone adjacent to the Taganito mine

Ownership...... NAC (22.5%)

SMM (62.5%)

Mitsui (15.0%)

Operations...... Commenced commercial operations at full capacity in October

2013 and expected to produce approximately 51,000 tonnes of

mixed nickel-cobalt sulfide in 2014, the first full year of

commercial operations at full capacity

Technology . . . . . . . . . . . . HPAL process

Investment cost/financing . . . . . . . US\$1,420 million, which further increased to US\$1,633.0 million,

to be majority debt-financed, with remaining balance to be

equity-financed based on ownership

Source of ore . . . . . . Taganito Mine

Product . . . . . Nickel-cobalt sulfide to be sold exclusively to SMM

Following the success of the Coral Bay HPAL facility and taking into account the stockpile and reserves of limonite ore owned by our subsidiary, TMC, SMM conducted a feasibility study in September 2009 on a 30,000 tonnes-per-year HPAL plant to be located adjacent to our TMC mine site. The completion of the study led to the signing of a Memorandum of Understanding in September 2009 between us, TMC, and SMM to proceed with the project. We expect that the plant will use technology similar to that used at the Coral Bay HPAL facility but will be triple the original size of the Coral Bay plant. TMC is expected to supply all the limonite ore required for the plant and the nickel-cobalt sulfide product will be sold exclusively to SMM for refining in Japan.

Pursuant to the Taganito HPAL Stockholders Agreement that we entered into on September 15, 2010, the project will be undertaken by THNC, a company that will be jointly owned by us (as to 22.5%), SMM (as to 62.5%) and Mitsui (as to 15.0%). The agreement contains a term sheet with principal terms of an offtake agreement to be entered into between THNC and TMC for the supply of limonite ore. Similar to the Coral Bay HPAL facility, the plant is located in a Special Economic Zone approved by the PEZA and should enjoy tax incentives. The operation of the facility should not only provide an additional dedicated customer for limonite ore from our Taganito mine, but, through our 22.5% equity interest, it allows us to benefit from the higher percentage of payable nickel available further downstream in the nickel value chain.

The estimated total cost is US\$1.7 billion, which includes capital expenditures of US\$1.6 billion for the plant, working capital and US\$100.0 million of interest accrued during the construction phase. An estimated of US\$1.1 billion of the project costs will be financed with debt financing that will be incurred by THNC. Under the terms of the Stockholders Agreement, we will be required to guarantee a portion of such debt financing equal to our 22.5% equity interest in THNC. On September 15, 2010, we entered into an agreement with SMM whereby SMM will guarantee our pro-rata portion of THNC's loan obligation in exchange for the payment of an annual guarantee service fee to SMM of 1% of our pro-rata share of the outstanding loan obligation.

On November 20, 2012, the Company, SMM and Mitsui made additional investment of US\$287.2 million in the form of loans to THNC. SMM had agreed to substitute for the Company to make these loans for which the latter pays guarantee service fee.

On August 4, 2014 and October 4, 2013, the Company, SMM and Mitsui agreed to extend another loan of US\$117.7 million, for the working capital requirement of THNC, and US\$90.0 million for the construction of the tailings dam, respectively.

On February 15, 2016 and November 9, 2015, another loan facility in the amount of US\$65.0 million and US\$120.0 million, respectively, was extended by the stockholders to THNC to cover for the latter's working capital requirements.

In the absence of cost overuns or major expansion plan, THNC is expected to distribute all of its available cash as dividends to shareholders in any financial year, after payments have been made for operating expenses, applicable taxes, capital expenditure, working capital, scheduled loan principal and interest repayments, and after making provisions for upcoming installments of the loans and required working capital.

#### D. REAL PROPERTIES

TMC owns the following parcels of land located in Surigao City:

- land with a total area of 43,237 square meters in Barangay Rizal and with Transfer Certificate of Title (TCT) No. 162-2011000392; and
- 2) another parcel of land with a total area of 88,640 square meters in Barangay Ipil and with TCT No. 162-2012000481, which is intended for leasing to THNC in the future

Likewise, HMC owns a land with a total area of 3,500 square meters located in Barangay Luna, Surigao del Norte under TCT No. 162-2013000096. HMC constructed a building on the said land which is currently being used as a liaison office of NAC's mining companies in Surigao.

#### E. SERVICE CONTRACTS

Our power companies hold the following service contracts:

Solar Energy Service Contract No. 2015-01-099

On January 20, 2015, EPI entered into a SESC No. 2015-01-099 with the Department of Energy (DOE) which grant EPI the right to explore, develop and utilize the solar energy resources within the contract area of 324 hectares in the province of Pili, Camarines Sur.

Under the SESC, EPI assumes all the technical and financial risks without any guarantee from the Philippine Government and shall not be entitled to reimbursement for any expense incurred in connection with the SESC. The SESC carries a non-extendible 2 period of pre-development stage, which involves the preliminary assessment and feasibility study. The SESC shall remain in force for the remainder of 25 years from date of effectivity if the solar energy resources are discovered to be in commercial quantities. If EPI has not been in default of any material obligations under the SESC, the DOE may grant EPI an extension of the SESC for another 25 years. The full recovery of the project development costs incurred in connection with the SESC is dependent upon the discovery of solar energy resources in commercial quantities from the contract area and the success of future development thereof.

#### Solar Energy Service Contract No. 2013-10-039

On October 31, 2013, Jobin entered into a SESC with the DOE. The SESC covers an area of approximately 2,997 hectares in the municipalities of Morong and Hermosa, in the province of Bataan. The SESC is for a period of 25 years, inclusive of a 2 year pre-development stage, and renewable for another 25 years. The government share under the SESC shall be 1% of the gross income from the sale of electricity in the solar project.

On August 28, 2015, Jobin was granted a Certificate of Confirmation of Commerciality by the DOE for its 100.44 MW Sta. Rita solar power project located in Mt. Sta Rita, Subic Bay Freeport Zone. The certificate converts the project's SESC from exploration/pre-development stage to the development/commercial stage. Jobin will commence operations in 2016.

#### Wind Energy Service Contract No. 2013-10-062

On October 31, 2013, Jobin entered into a WESC with the DOE. The WESC covers an area of approximately 2,997 hectares in the municipalities of Morong and Hermosa, in the province of Bataan. The WESC is for a period of 25 years, inclusive of a 3 year pre-development stage, and renewable for another 25 years. The government share under the WESC shall be 1% of the gross income from the sale of electricity in the wind project.

Geothermal Renewable Energy Service Agreement No. 2014-02-054

GRESC No. 2010-02-013, which covers an approximate area of 3,914 hectares in the three barangays of Montelago, Montemayor and Melgar-B in Oriental Mindoro, involves the development of geothermal well clusters and a power plant. The steam extracted from the geothermal wells will power a geothermal power station with an output capacity of 40 MW. Once completed, the addition of geothermal power into the present mix of Mindoro's electricity sources will have a stabilizing effect on the grid where the entire island is located.

The Project is in the exploration drilling stage as at December 31, 2015.

As Renewable Energy Developer, EPI undertakes to provide financial, technical, or other forms of assistance with the DOE, and agrees to furnish the necessary services, technology, and financing for the geothermal operations. EPI shall assume all financial risks such that if no geothermal resources in commercial quantity is discovered and produced, EPI shall not be entitled to reimbursement for any expenses incurred in connection with the GRESC.

GRESC 2014-02-054 shall remain in force for the remainder of 25 years from date of effectivity if geothermal resources in commercial quantity are discovered during the pre-development stage, or any extension thereof. Moreover, if EPI has not been in default in its obligations under the GRESC, the DOE may grant an additional extension of 25 years, provided that the total term is not to exceed 50 years from the date of effectivity.

On November 24, 2014, EPI and MGPC entered into a Deed of Assignment for the assignment of EPI's rights and obligations under the GRESC to MGPC. On December 5, 2014, EPI applied with the DOE to transfer the GRESC to MGPC. The DOE approved EPI's application on February 16, 2016 under GRESC No. 2016-02-060.

#### F. LIENS AND ENCUMBRANCES

Other than SMM's mortgage over RTN's pier facilities, none of our properties are subject to any liens, encumbrances or other security interests. Further, there were no limitations on ownership or usage over the said property.

#### **Item 3. LEGAL PROCEEDINGS**

In the ordinary course of our business, we are a party to various legal actions that are mainly labor cases and that we believe are routine and incidental to the operation of our business. We do not believe that we are subject to any ongoing, pending or threatened legal proceeding that is likely to have a material effect on our business, financial condition or results of operations. However, there are a few cases that are now pending with the Courts.

#### NCIP Case

There is an ongoing case involving TMC whereby the complainants filed a case with the NCIP seeking to invalidate the MOA between TMC and the AMPANTRIMTU, the organization representing the Mamanwa tribe, which has a Certificate of Ancestral Domain Title over the mining area of TMC.

The complainants assert that TMC negotiated the MOA with the wrong tribal leaders, and thus, the MOA should be invalidated. In its answer, TMC alleges that the NCIP certified the authority of the tribal leaders to represent the indigenous people, and that the NCIP was a party to the MOA, with the Honorable Mayor of the host municipality, Claver, signing as a witness.

The case is currently pending with the NCIP and the parties are awaiting further notice as to whether the case will be set for hearing or be submitted for resolution on the basis of the pleadings filed.

Also, there is currently an ongoing case before the NCIP Office of Region 2 involving Geogen, which was filed by the indigenous people of Dinapigue, Isabela for alleged violation of the FPIC requirement under

the old Geogen management. The new Geogen management has exerted efforts to settle amicably with the Petitioners and is now at the tail-end of executing an Agreement supplemental to the current MOA between the indigenous people of Dinapigue and Geogen's predecessor-in-interest, Platinum Group Metals Corp.

#### Petition for the Issuance of a Writ of Kalikasan

Finally, pending before the Court of Appeals is a Petition for the issuance of a Writ of Kalikasan and a Temporary Environmental Protection Order filed against TMC and four (4) other mining companies. This case was originally filed with the Supreme Court, which remanded the same to the Court of Appeals for disposition. Thus, the Court of Appeals conducted evidentiary hearings wherein the Petitioners presented their evidence while the Respondents were allowed to observe the proceedings cross-examine their witnesses. After the presentation of the evidence of the petitioners, the parties were thereafter directed to file their respective memoranda on the basis of which a Resolution by the Court of Appeals shall be issued.

On March 2, 2012, a Writ of Kalikasan was issued by the Court of Appeals-Cagayan de Oro ordering TMC to file a Verified Return within a non-extendible period of ten (10) days from receipt. Accordingly, TMC timely filed the said Return as directed by the Court. On March 19, 2012, TMC, through its counsel, filed a Return ad Cautelam. TMC likewise filed a Supplemental Return ad Cautelam on July 3, 2012. On February 23, 2016, during the hearing before the Court of Appeals, TMC, through its counsel, moved to dismiss the case on the grounds of the petitioner's lack of interest in the case. The Court of Appeals is yet to resolve the motion to dismiss.

#### Item 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

There were no matters covered under this item submitted in 2015 to the security holders for a vote.

# PART II - OPERATIONAL AND FINANCIAL INFORMATION

# Item 5. MARKET FOR ISSUER'S COMMON EQUITY AND RELATED STOCKHOLDER MATTERS

# A. MARKET INFORMATION

The stock prices for the Parent Company's common equity for the last three (3) years, after the effect of stock dividends, are as follows:

	High	Low
2013		
1 <sup>st</sup> Quarter	₽6.80	₽4.35
2 <sup>nd</sup> Quarter	<del>₽</del> 7.52	₽5.08
3 <sup>rd</sup> Quarter	₽5.83	₽5.00
4 <sup>th</sup> Quarter	<del>₽</del> 5.49	<del>₽</del> 4.76
2014		
1 <sup>st</sup> Quarter	₽6.63	₽5.01
2 <sup>nd</sup> Quarter	₽11.00	₽6.82
3 <sup>rd</sup> Quarter	<del>₽</del> 15.97	₽10.87
4 <sup>th</sup> Quarter	<del>₽</del> 16.00	₽12.97
2015		
1 <sup>st</sup> Quarter	₽16.15	₽12.00
2 <sup>nd</sup> Quarter	₽14.00	₽9.50
3 <sup>rd</sup> Quarter	₽11.50	<del>₽</del> 6.40
4 <sup>th</sup> Quarter	₽8.80	<del>₽</del> 6.16
2016		
1 <sup>st</sup> Quarter	₽5.92	₽3.40

The Parent Company's stocks share price was at ₱5.09 per share as of April 1, 2016.

# **B. HOLDERS**

The Company has 66 shareholders as of the end of 2015, with 7,596,939,456 common shares issued and outstanding. The top 20 stockholders of the Company as at December 31, 2015 are as follows:

Name	Citizenship	Shares	% of Ownership
PCD Nominee Corporation (Filipino)	Filipino	4,450,021,473	58.58%
Sumitomo Metal Mining Philippine Holdings Corporation	Japanese	1,444,657,926	19.02%
PCD Nominee Corporation (Non-Filipino)	Foreign	888,047,019	11.69%
Nonillion Holding Corp.	Filipino	770,000,000	10.14%
Pacific Metals Co., Ltd.	Japanese	12,612,512	0.17%
Gerard H. Brimo	Filipino	10,434,374	0.14%
Manuel B. Zamora, Jr.	Filipino	5,982,236	0.08%
Ricardo Sy Po or Angelita Tan Po or Leonardo Arthur Tan Po	Filipino	4,726,876	0.06%
Philip T. Ang	Filipino	1,616,724	0.02%
Koh Teng Ong Chong	Filipino	1,600,000	0.02%
Ronaldo B. Zamora	Filipino	1,300,224	0.02%
Megastar Real Estate Corporation	Filipino	1,300,000	0.02%
Steven Ivan Lim Yu	Filipino	781,700	0.01%
Luis Antonio T. Gutierrez	Filipino	750,000	0.01%
Rolando R. Cruz	Filipino	614,952	0.01%
Eva Policar-Bautista	Filipino	365,624	0.00%
Jose B. Anievas	Filipino	318,750	0.00%

Name	Citizenship	Shares	% of Ownership
Berck Y. Cheng	Filipino	300,000	0.00%
RMJ Development Corporation	Filipino	225,000	0.00%
Alvin S. Ison &/or Maria Lea S. Ison	Filipino	172,310	0.00%

# C. DIVIDENDS

The following tables show the dividends declared and paid to common shareholders for the years ended December 31, 2015, 2014 and 2013:

#### **Cash Dividends**

		<u>Date</u>		<u>Amount</u>			
<u>Earnings</u>	<u>Declared</u>	<u>Record</u>	<u>Payable</u>	Per Share (after the Stock Dividends)	Total Declared (in millions)		
2015	March 27, 2015	April 15, 2015	April 27, 2015	₽0.50	₽3,795.9		
2014	November 10, 2014	November 24, 2014	December 10, 2014	0.17	1,264.0		
2014	March 24, 2014	April 10, 2014	May 8, 2014	0.10	757.7		
2013	April 5, 2013	April 22, 2013	May 14, 2013	0.09	705.3		

#### Stock Dividends

		<u>Date</u>			No of	<u>Total</u>
<u>Earnings</u>	<u>Approved</u>	<u>Record</u>	<u>Issued</u>	<u>%</u>	No. of Shares (in millions)	<u>Declared</u> ( <u>in</u> millions)
2015	June 5, 2015	July 16, 2015	August 11, 2015	100	3,798.5	₽1,899.2
2014	December 18, 2014	January 12, 2015	January 28, 2015	50	1,265.3	632.6
2013	June 3, 2013	June 18, 2013	July 12, 2013	25	503.8	251.9

We declare dividends to shareholders of record, which are paid from our unrestricted retained earnings. Our dividend policy entitles holders of shares to receive annual cash dividends of up to 30% of the prior year's recurring attributable net income based on the recommendation of our BOD. Such recommendation will take into consideration factors such as dividend income from subsidiaries, debt service requirements, the implementation of business plans, operating expenses, budgets, funding for new investments and acquisitions, appropriate reserves and working capital, among others. Although the cash dividend policy may be changed by our BOD at any time, our current intention is to pay holders of our shares annual cash dividends at this ratio. Additionally, in the event that new investments, acquisitions or other capital expenditure plans do not materialize, our BOD plans to review the dividend policy and consider increasing the dividend ratio above 30% of the prior year's recurring net income.

Our subsidiaries pay dividends subject to the requirements of applicable laws and regulations and availability of unrestricted retained earnings, without any restriction imposed by the terms of contractual agreements. Notwithstanding the foregoing, the declaration and payment of such dividends depends upon the respective subsidiary's results of operations and future projects, earnings, cash flow and financial condition, capital investment requirements and other factors.

Cash dividends are paid to all shareholders at the same time and within 30 calendar days from declaration date. Stock dividends are also issued to all shareholders at the same time but subject to shareholder's approval.

# D. RECENT SALES OF UNREGISTERED OR EXEMPT SECURITIES

No unregistered securities were sold in 2015.

# Item 6. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL POSITION AND RESULTS OF OPERATIONS

The following discussion and analysis is based on the audited consolidated financial statements as at December 31, 2015 and 2014 and for the years ended December 31, 2015, 2014 and 2013, prepared in conformity with Philippine Financial Reporting Standards and accompanying Notes to the Consolidated Financial Statements and should be read in conjunction with the audited consolidated financial statements.

The Group has not, in the past five years and since its incorporation, revised its financial statements for reasons other than changes in accounting policies.

#### **Summary Financial Information**

The Consolidated Financial Statements as at December 31, 2015 and 2014 and for the years ended December 31, 2015, 2014 and 2013 are hereto attached.

The following table sets forth the summary financial information for the three years ended December 31, 2015, 2014 and 2013 and as at December 31, 2015, 2014 and 2013:

		olidated Statements or the Years Ended	of Income		Horizonta	al Analysis	
	10	Dec 31		Increase (Dec		Increase (Decrease)	
	2015	2014	2013	2015 vs. 2014	%	2014 vs. 2013	%
	(Ir	thousand pesos)					
Revenues	15,431,646	24,745,704	11,109,529	(9,314,058)	-38%	13,636,175	123%
Cost and expenses	(10,527,731)	(10,445,368)	(7,562,071)	82,363	1%	2,883,297	38%
Finance income	305,112	172,104	166,753	133,008	77%	5,351	3%
Finance expenses Equity in net income (losses) of	(192,747)	(164,771)	(128,640)	27,976	17%	36,131	28%
associates	(811,369)	522,380	(184,703)	1,333,749	-255%	(707,083)	-383%
Other income - net	507,166	470,897	309,783	36,269	8%	161,114	-52%
Provision for income tax - net	(1,667,286)	(4,292,827)	(1,124,215)	(2,625,541)	-61%	3,168,612	282%
Net income	3,044,791	11,008,119	2,586,436	(7,963,328)	-72%	8,421,683	-326%
Net income attributable to:							
Equity holders of the parent	2,035,143	8,551,627	2,053,674	(6,516,484)	-76%	6,497,953	316%
Non-controlling interests	1,009,648	2,456,492	532,762	(1,446,844)	-59%	1,923,730	361%
	3,044,791	11,008,119	2,586,436	(7,963,328)	-72%	8,421,683	326%

	Summary Conse	<u>olidated Statement</u>	s of Income				
	Fo	Vertical Analysis					
		Dec 31		Increase (Decr	ease)	Increase (Decrease)	
	2015	2014	2013	2015 vs. 2014	%	2014 vs. 2013	%
	(Ir	thousand pesos)					
Revenues	15,431,646	24,745,704	11,109,529	(9,314,058)	117%	13,636,175	162%
Cost and expenses	(10,527,731)	(10,445,368)	(7,562,071)	82,363	-1%	2,883,297	34%
Finance income	305,112	172,104	166,753	133,008	-2%	5,351	0%
Finance expenses Equity in net income (losses) of	(192,747)	(164,771)	(128,640)	27,976	0%	36,131	0%
associates	(811,369)	522,380	(184,703)	1,333,749	-17%	(707,083)	-8%
Other income - net	507,166	470,897	309,783	36,269	0%	161,114	2%
Provision for income tax - net	(1,667,286)	(4,292,827)	(1,124,215)	(2,625,541)	33%	3,168,612	38%
Net income	3,044,791	11,008,119	2,586,436	(7,963,328)	100%	8,421,683	100%
Net income attributable to:							
Equity holders of the parent	2,035,143	8,551,627	2,053,674	(6,516,484)	82%	6,497,953	77%
Non-controlling interests	1,009,648	2,456,492	532,762	(1,446,844)	18%	1,923,730	23%
	3,044,791	11,008,119	2,586,436	(7,963,328)	100%	8,421,683	100%

#### **Summary Consolidated Statements of Financial Position**

				Horizontal Analysis			
	2015	2014	2013	Increase (De	crease)	Increase (Dec	rease)
	(I	n Thousand Pesos)		2015 vs. 2014	%	2014 vs. 2013	%
Current assets	16,677,942	20,611,470	14,601,036	(3,933,528)	-19%	6,010,434	41%
Noncurrent assets	24,968,266	14,572,438	14,312,492	10,395,828	71%	259,946	2%
Total assets	41,646,208	35,183,908	28,913,528	6,462,300	18%	6,270,380	22%
Current liabilities	7,713,231	2,114,567	1,308,963	5,598,664	265%	805,604	62%
Noncurrent liabilities	4,519,789	2,166,995	2,392,777	2,352,794	109%	(225,782)	-9%
Non-controlling interests	3,901,315	3,716,715	4,721,640	184,600	5%	(1,004,925)	-21%
Equity attributable to							
equity holders of the Parent	25,511,873	27,185,631	20,490,148	(1,673,758)	-6%	6,695,483	33%
Total liabilities and equity	41,646,208	35,183,908	28,913,528	6,462,300	18%	6,270,380	22%

#### **Summary Consolidated Statements of Financial Position**

				Vertical Analysis			
_	2015	2014	2013	Increase (De	crease)	Increase (De	crease)
_	(h	n Thousand Pesos)		2015 vs. 2014	%	2014 vs. 2013	%
Current assets	16,677,942	20,611,470	14,601,036	(3,933,528)	-61%	6,010,434	96%
Noncurrent assets	24,968,266	14,572,438	14,312,492	10,395,828	161%	259,946	4%
Total assets	41,646,208	35,183,908	28,913,528	6,462,300	100%	6,270,380	100%
_							
Current liabilities	7,713,231	2,114,567	1,308,963	5,598,664	87%	805,604	13%
Noncurrent liabilities	4,519,789	2,166,995	2,392,777	2,352,794	36%	(225,782)	-4%
Non-controlling interests	3,901,315	3,716,715	4,721,640	184,600	3%	(1,004,925)	-16%
Equity attributable to	-	-	-				
equity holders of the Parent	25,511,873	27,185,631	20,490,148	(1,673,758)	-26%	6,695,483	107%
Total liabilities and equity	41,646,208	35,183,908	28,913,528	6,462,300	100%	6,270,380	100%

#### **Summary Consolidated Statements of Cash Flows**

	For the Years Ended December 31				
	2015	2014	2013		
	(II	n Thousand Pesos)			
Net cash flows from (used in):					
Operating activities	4,858,310	11,155,079	4,138,762		
Investing activities	(9,285,580)	(2,335,864)	(1,890,922)		
Financing activities	(2,195,156)	(5,588,207)	(1,350,080)		
Net increase (decrease) in cash					
and cash equivalents	(6,622,426)	3,231,008	897,760		
Cash and cash equivalents, beginning	13,561,803	10,234,336	9,263,451		
Effect of exchange rate changes in	, ,	, ,	, ,		
cash and cash equivalents	133,794	96,459	73,125		
Cash and cash equivalents, end	7,073,171	13,561,803	10,234,336		

# **RESULTS OF OPERATIONS**

# Calendar year ended December 31, 2015 compared with calendar year ended December 31, 2014

# Revenues

Our total revenues were £15,431.6 million in 2015 as compared to £24,745.7 million in 2014, a decrease of £9,314.1 million, or 38%.

# Sale of ore

We sold an aggregate 19,671.6 thousand WMT of nickel ore in 2015, an increase of 10% compared to 17,873.3 thousand WMT of nickel ore in 2014. Our sales for this year included 7,058.9 thousand WMT of saprolite ore sold to customers in Japan, China and Australia, 4,814.8 thousand WMT of limonite ore to our customers in China and Australia, and 7,797.9 thousand WMT of limonite ore to CBNC and THNC compared

to sales of 5,740.5 thousand WMT, 4,726.6 thousand WMT and 7,406.2 thousand WMT, respectively, in 2014.

The direct exports of ore mainly contributed to the higher shipments, increasing to 11,873.6 thousand WMT in 2015 from 10,467.1 thousand WMT in 2014. Ore deliveries to the two HPAL plants likewise rose, in particular to the Taganito HPAL facility, which just completed its first full year of operations at full capacity. The said plant was operating at an average 80% capacity in 2014. Total ore deliveries to the two HPAL plants reached 7,797.9 thousand WMT in 2015 compared to 7,406.2 thousand WMT in 2014.

The record volume of ore shipments achieved in 2015 was not sufficient to offset the fall in nickel prices, resulting to a decrease in the estimated value of shipments, from ₱23,736.6 million in 2014 to ₱14,381.5 million in 2015.

The estimated realized nickel price on 11,873.6 thousand WMT of direct exports of ore in 2015 averaged \$22.66 per WMT, much lower than the average of \$45.10 per WMT realized in 2014. It will be recalled that there was a surge in ore prices in 2014 due to the expectation of supply tightness resulting from the effects of the Indonesian export ore ban, which did not occur.

With respect to low-grade limonite ore sold to both the Coral Bay and Taganito plants, which continues to be linked to LME prices, the Group realized an average of \$5.36 per pound of payable nickel in 2015. This compares to an average price of \$7.69 per pound of payable nickel sold in 2014.

We own 60% of RTN, which owns and operates the Rio Tuba mine. RTN's revenue from sale of nickel ore was ₱4,646.7 million in 2015 compared to ₱6,610.4 million in 2014, a decrease of ₱1,963.7 million or 30%. RTN sold an aggregate 6,551.9 thousand WMT of nickel ore in 2015 compared to an aggregate 5,972.4 thousand WMT of nickel ore sold last year. The volume of saprolite ore sold to Japanese customers decreased by 160.7 thousand WMT or 18% and the volume of saprolite and limonite ore sold to Chinese customers increased by 639.9 thousand WMT or 38%. During the year, RTN also shipped 111.5 thousand WMT of saprolite ore to Australia. And lastly, the volume of limonite ore sold to CBNC decreased by 11.2 thousand WMT.

RTN's revenue from sale of limestone ore was \$\text{P414.1}\$ million in 2015 as compared to \$\text{P316.1}\$ million in 2014, an increase of \$\text{P98.0}\$ million or 31%. There was an increase of 164.3 thousand WMT or 38% in limestone sales during the year due to deliveries to UMPI, which started in August 2014 only.

We own 65% of TMC which owns and operates the Taganito mine. TMC's operations became the largest and accounted for 39% of total shipments during the year. TMC's revenue from sale of nickel ore was ₱5,069.8 million in 2015 as compared to ₱8,479.0 million in 2014, a decrease of ₱3,409.2 million, or 40%. TMC sold an aggregate 7,740.7 thousand WMT of nickel ore this year as compared to an aggregate 7,087.7 thousand WMT of nickel ore last year. The volume of saprolite ore sold to Japanese customers decreased by 8.7 thousand WMT or 1% and the volume of saprolite and limonite ore sold to Chinese customers increased by 258.8 thousand WMT or 11%. Further, TMC was able to deliver 4,426.3 thousand WMT of limonite ore to THNC plant in 2015 as against 4,023.4 thousand WMT of limonite ore last year.

We own 100% of CMC which owns and operates the Cagdianao mining operations. CMC's revenue from sale of nickel ore was ₱2,350.2 million in 2015 as compared to ₱3,595.5 million in 2014, a decrease of ₱1,245.3 million, or 35%. CMC sold an aggregate 2,169.5 thousand WMT of nickel ore this year compared to an aggregate 1,350.3 thousand WMT of nickel ore last year. Limonite shipments from CMC mine rose more than three times in 2015 to 1,441.5 thousand WMT compared to 460.7 thousand WMT in 2014. On the other hand, the saprolite ore sales from Cagdianao mine was 728.0 thousand WMT compared to last year's 889.6 thousand WMT.

We own 100% of HMC which owns and operates the Taganaan mining operations. HMC's revenue from sale of nickel ore was ₱2,314.8 million in 2015 compared to ₱5,051.7 million in 2014, a decrease of ₱2,736.9 million, or 54%. This year HMC managed to sell an aggregate 3,209.5 thousand WMT of saprolite and limonite ore to Chinese customers compared to 3,462.9 thousand WMT last year.

#### Services and Others

Our revenue from services and others was P636.0 million in 2015 compared to P693.0 million in 2014, a decrease of P57.0 million, or 8%. Services revenue largely consists of payments made to us in consideration for hauling, manpower and other ancillary services that RTN and TMC provides to CBNC and THNC, respectively, and usage fee charged by TMC to THNC for the use of its pier facility. The decrease in our revenues from services and others in 2015 was due to decrease in materials handling services rendered by RTN to CBNC since the processing of limestone and slake lime of CBNC was now handled by another contractor.

#### Costs and Expenses

Our costs and expenses amounted to ₱10,527.7 million in 2015 as compared to ₱10,445.4 million in 2014, an increase of ₱82.3 million, or 1%.

### Cost of Sales

Our cost of sales was \$\frac{1}{2}6,279.2\$ million in 2015 compared to \$\frac{1}{2}5,356.4\$ million in 2014, an increase of \$\frac{1}{2}922.8\$ million, or 17%. Aside from the 10% increase in volume of shipments, the movement in cost of sales was also attributable to the increase in outside services from \$\frac{1}{2}1,246.4\$ million to \$\frac{1}{2}1,753.5\$ million. Since the weather allowed for saprolite mining activities in TMC mine and in-house resources were utilized for the said activities, limonite mining and hauling were done by contractors. RTN also hired contractors for its hauling activities.

#### Cost of Services

Cost of services was \$\textstyle{4357.9}\$ million in 2015 compared to \$\textstyle{4371.1}\$ million in 2014, a decrease of \$\textstyle{413.2}\$ million, or 4%. Costs of services largely consist of the cost of hauling, providing manpower and other ancillary services to CBNC and THNC, plus the costs of maintaining the pier facility used by THNC. In 2015, the cost of materials handling services of RTN decreased by \$\textstyle{430.6}\$ million because most of the limestone and slake lime processing that was previously handled by RTN for CBNC was now handled by another contractor. The decrease was partially offset by the 4% increase in volume handled by TMC for THNC in 2015 which increased its cost by \$\textstyle{419.5}\$ million.

# Shipping and Loading

Shipping and loading costs were ₱1,757.9 million for the year 2015 compared to ₱1,837.6 million for the year 2014, a decrease of ₱79.7 million, or 4%. As a result of the 13% increase in volume of our direct export of ores, contract fees increased by ₱58.7 million due to additional LCT rentals. However, the said increase was offset by the movement in fuel, oil and lubricants which decreased by ₱87.8 million as a result of the significant drop in the price of diesel, and other services and fees which decreased by ₱53.5 million.

### Excise Taxes and Royalties

Our excise taxes and royalties were \$\mathbb{2}\$1,089.6 million in 2015 compared to \$\mathbb{2}\$1,754.8 million in 2014, a decrease of \$\mathbb{2}\$665.2 million, or 38%. The decrease in excise taxes and royalties was attributable to the 38% decline in our sale of ore in the current year as compared to last year.

# Marketing

Marketing costs were ₱130.2 million and ₱168.9 million in 2015 and 2014, respectively. The decrease in marketing cost was also brought by the decline in our sales revenue in 2015 compared with 2014. Commission paid by CMC to its claim owner and the marketing fee paid to Mitsubishi Corporation are based on certain percentage of sales revenue.

#### General and Administrative

General and administrative expenses were \$\text{P912.9}\$ million for the year 2015 compared to \$\text{P956.5}\$ million for the year 2014, a decrease of \$\text{P43.6}\$ million, or 5%. The decrease in taxes and licenses by \$\text{P71.8}\$ million mainly caused the decrease in the account. Lower taxes and licenses in 2015 were attributable to lower fringe benefit tax paid on stock option exercised during the year. In 2014, a total of 11.4 million shares were exercised, with corresponding fringe benefit tax of \$\text{P116.4}\$ million, as compared to only 2.6 million shares in 2015, with corresponding fringe benefit tax of \$\text{P19.0}\$ million. Moreover, the benefit given in 2014 was higher because the Company's stock price at exercise dates ranges from \$\text{P17.02}\$ to \$\text{P47.80}\$ compared to \$\text{P20.40}\$ in 2015. The decrease in taxes and licenses was partially offset by the increase in local business tax since the basis used was the revenues in 2014 which was significantly higher. Donations of the Group in 2014 were also higher by \$\text{P12.2}\$ million since the majority of the rehabilitation and reconstruction of houses in Guiuan, Eastern Samar, which was strongly hit by the typhoon, was completed last year. The decrease in the account was partially offset by the care and maintenance cost incurred by HMC for its South Dinagat mine plus other publicity and promotional expenses of the Group.

#### Finance Income

Our finance income was \$\text{

#### Finance Expenses

Our finance expense was \$\text{\text{\$\pm\$192.7}}\$ million in 2015 compared with \$\text{\$\pm\$164.8}\$ million in 2014, an increase of \$\text{\$\pm\$27.9}\$ million, or 17%. Basically, the movement in our finance expense arises from interest on loans availed by EPI which amounted to \$\text{\$\pm\$30.8}\$ million. Management fee/trust fee incurred for our managed funds also increased by \$\text{\$\pm\$13.2}\$ million due to additional acquisitions of AFS financial assets. But the increase was partially offset by the decrease in guarantee service fee by \$\text{\$\pm\$10.6}\$ million due to principal repayments made by THNC during the year.

#### Equity in Net Income (Losses) of Associates

Our equity in net income or losses of THNC and CBNC was \$\mathbb{R}811.4\$ million loss and \$\mathbb{P}522.4\$ million income in 2015 and 2014, respectively. The result of THNC's operations in 2015 and 2014 was a net loss of US\$61.7 million and a net income of US\$32.1 million, respectively. On the other hand, the results of CBNC 's operations in 2015 and in the last three quarters of 2014 was a net loss of US\$34.4 million and a net income of US\$59.4 million, respectively.

# Other Income - net

Our other income - net in 2015 was P507.2 million compared to P470.9 million in 2014, an increase of P36.3 million, or 8%. The increase in the account was attributable to the following: 1) favorable impact of changes in foreign exchange rate, with net effect of P140.5 million; 2) increase in dividend income from AFS financial assets by P19.4 million; and 3) gain on bargain purchase of P60.0 million which arises from acquisition of Geogen. However, the said increase was partially offset by: 1) decrease in dispatch income by P28.3 million; 2) provision for impairment losses on input VAT of LCSLC of P54.5 million; 3) decrease in reversal of allowance for impairment losses on inventories by P78.0 million; and 4) decrease in other income for special projects by P25.8 million.

#### Provision for Income Tax

Provision for income tax was £1,667.3 million in 2015 compared to £4,292.8 million in 2014, a decrease of £2,625.5 million, or 61%. Our current provision for income tax in 2015 was £1,605.8 million compared to £4,265.5 million in 2014, a decrease of £2,659.7 million, or 62% primarily due to the decrease in our taxable income in 2015 resulting from lower sales revenue. Our provision for deferred income tax in 2015 was £61.5 million compared to £27.4 million in 2014, an increase of £34.1 million, or 124%. The movement in the account pertains mainly to the application and expiration of net operating loss carry-over (NOLCO) in 2015 with corresponding tax impact of £74.4 million and £9.1 million, respectively, which was higher compared to last year of £44.2 million and £7.4 million, respectively.

#### Net Income

As a result of the foregoing, our consolidated net income was \$\mathbb{2}3,044.8\$ million in 2015 compared to \$\mathbb{2}11,008.1\$ million in 2014. Net of non-controlling interests, our net income was \$\mathbb{2}2,035.1\$ million in 2015 as compared to \$\mathbb{2}8,551.6\$ million in 2014, a decrease of \$\mathbb{2}6,516.5\$ million, or 76%.

#### Calendar year ended December 31, 2014 compared with calendar year ended December 31, 2013

#### Revenues

Our total revenues were ₽24,745.7 million in 2014 as compared to ₽11,109.5 million in 2013, an increase of ₽13,636.2 million, or 123%.

#### Sale of ore

We sold an aggregate 17,873.3 thousand WMT of nickel ore in 2014, an increase of 28% compared to 13,998.4 thousand WMT of nickel ore in 2013. Our sales for this year included 5,740.5 thousand WMT of saprolite ore sold to Japanese and Chinese customers, 4,568.2 thousand WMT of limonite ore to our Chinese customers, 158.4 thousand WMT of limonite ore to an Australian company and 7,406.2 thousand WMT of limonite ore to CBNC and THNC compared to sales of 3,594.2 thousand WMT, 6,124.7 thousand WMT, nil and 4,279.5 thousand WMT, respectively, in 2013.

The growth in shipment volumes was largely the result of increased ore deliveries to the HPAL plants, in particular to the Taganito HPAL facility, now on its first full year of commercial operations. The said plant was still in its pre-operating stage last year. As a result, total ore deliveries to the two HPAL plants reached 7,406.2 thousand WMT in 2014 compared to 4,279.5 thousand WMT in 2013. The direct exports of ore likewise contributed to our higher shipments, increasing from 9,718.9 thousand WMT in 2013 to 10,467.1 thousand WMT in 2014.

With respect to low-grade limonite ore sold to both the Coral Bay and Taganito plants, which remain benchmarked to LME prices, we realized an average of \$7.69 per pound of payable nickel on 7,406.2 thousand WMT sold in 2014. This compares to an average price of \$6.70 per pound of payable nickel on 4,279.5 thousand WMT sold in 2013.

RTN's revenue from sale of nickel ore was \$\, \text{P6,610.4}\$ million in 2014 compared to \$\, \text{P3,035.8}\$ million in 2013, an increase of \$\, \text{P3,574.6}\$ million or 118%. RTN sold an aggregate 5,972.4 thousand WMT of nickel ore in 2014 compared to an aggregate 5,774.4 thousand WMT of nickel ore sold last year. The volume of saprolite ore sold to Japanese customers increased by 541.1 thousand WMT or 144% and the volume of saprolite and limonite ore sold to Chinese customers decreased by 320.7 thousand WMT or 16%. Further, the volume of limonite ore sold to CBNC decreased by 22.5 thousand WMT or 1%.

RTN's revenue from sale of limestone ore was \$\mathbb{2}316.1\$ million in 2014, as compared to \$\mathbb{2}153.8\$ million in 2013, an increase of \$\mathbb{2}162.3\$ million or 106%. A total of 429.0 thousand WMT of limestone ore was delivered to CBNC this year compared to 211.6 thousand WMT last year. In 2013, most of CBNC's requirement for limestone ore was acquired from another supplier and this caused the lower limestone ore delivery last year. In addition, one of CBNC's plants had undergone maintenance shutdown in 2013.

TMC's operations became the largest and accounted for 40% of total shipments during the year. TMC's revenue from sale of nickel ore was ₱8,479.0 million in 2014 as compared to ₱3,109.1 million in 2013, an increase of ₱5,369.9 million, or 173%. TMC sold an aggregate 7,087.7 thousand WMT of nickel ore this year as compared to an aggregate 3,893.1 thousand WMT of nickel ore last year. The volume of saprolite ore sold

to Japanese customers increased by 210.9 thousand WMT or 47% and the volume of saprolite and limonite ore sold to Chinese customers decreased by 165.5 thousand WMT or 6%. Further, TMC was able to deliver 4,023.4 thousand WMT of limonite ore to the THNC plant in 2014 whereas there was only 874.2 thousand WMT in 2013.

CMC's revenue from sale of nickel ore was ₹3,595.5 million in 2014 as compared to ₹737.9 million in 2013, an increase of ₹2,857.6 million, or 387%. CMC sold an aggregate 1,350.3 thousand WMT of nickel ore this year compared to an aggregate 888.8 thousand WMT of nickel ore last year.

HMC's revenue from sale of nickel ore was ₱5,051.7 million in 2014 compared to ₱3,438.9 million in 2013, an increase of ₱1,612.8 million, or 47%. This year HMC managed to sell an aggregate 3,462.9 thousand WMT of saprolite and limonite ore to Chinese customers compared to 3,442.0 thousand WMT of saprolite and limonite ore to Japanese and Chinese customers last year.

#### Services and Others

Our revenue from services and others was \$\mathbb{e}693.0\$ million in 2014 compared to \$\mathbb{e}634.0\$ million in 2013, an increase of \$\mathbb{e}59.0\$ million, or 9%. Services revenue largely consists of payments made to us in consideration for hauling, manpower and other ancillary services that RTN and TMC provides to CBNC and THNC, respectively, and usage fee charged by TMC to THNC for the use of its pier facility. The main reason for the sudden increase in our revenues from services and others in 2014 was due to the increase in materials handling services rendered by TMC to THNC, being the latter's first full year of commercial operations whereas in 2013, Taganito HPAL facility was still in its pre-operating stage.

# Costs and Expenses

Our costs and expenses amounted to  $\pm 10,445.4$  million in 2014 as compared to  $\pm 7,562.1$  million in 2013, an increase of  $\pm 2,883.3$  million, or 38%.

#### Cost of Sales

Our cost of sales was \$\pm\$5,356.4 million in 2014 as compared to \$\pm\$4,489.3 million in 2013, an increase of \$\pm\$867.1 million, or 19%. The slight increase in cost of sales was due to the combination of higher volume of production and shipments but lower production cost. The movement in cost of sales was attributable to the net effect of increase in production overhead from \$\pm\$1,938.3 million to \$\pm\$2,613.0 million, outside services from \$\pm\$869.4 million to \$\pm\$1,246.4 million, personnel cost from \$\pm\$669.7 million to \$\pm\$894.2 million, and depreciation and depletion from \$\pm\$830.5 million to \$\pm\$984.4 million.

# Cost of Services

Cost of services was £371.1 million in 2014 as compared to £335.3 million in 2013, an increase of £35.8 million, or 11%. Costs of services largely consist of the cost of hauling, providing manpower and other ancillary services to CBNC and THNC, plus the costs of maintaining the pier facility used by THNC. The surge in cost of services arises mainly from the 126% increase in volume handled for materials handling services rendered by TMC to THNC in 2014 whereas in 2013, the volume handled was only minimal.

# Shipping and Loading

Shipping and loading costs were \$1,837.6 million for the year 2014 compared to \$1,398.8 million for the year 2013, an increase of \$438.8 million, or 31%. Aside from the 8% increase in volume of our direct export of ores to Japan, China and Australia, the increment in shipping and loading costs was also brought by additional barges hired/contracted due to dry-docking of three tugboats of RTN, repair of one LCT of TMC and dry-docking of two LCTs of HMC.

#### Excise Taxes and Royalties

Our excise taxes and royalties were \$1,754.8 million in 2014 compared to \$648.6 million in 2013, an increase of \$1,106.2 million, or 171%. The increase in excise taxes and royalties was attributable to the growth in our sales revenue during the year as compared to the same period last year, particularly from TMC and CMC.

#### Marketing

Marketing costs were ₱168.9 million and ₱65.6 million in 2014 and 2013, respectively. Basically, the increase in marketing cost was due to higher commission paid by CMC to its claim owner which is based on a certain percentage of its sales revenue.

#### General and Administrative

General and administrative expenses were ₱956.5 million for the year 2014 compared to ₱624.5 million for the year 2013, an increase of ₱332.0 million, or 53%. The increase in taxes and licenses by ₱149.7 million, personnel cost by ₱60.8 million, outside services by ₱35.6 million and donations by ₱37.0 million caused the significant increase in the account. The increment in taxes and licenses pertains to the fringe benefit tax on stock option exercised during the year. In 2014, a total of 11.4 million shares were exercised, with corresponding fringe benefit tax of ₱16.4 million, as compared to only 1.9 million shares in 2013, with corresponding fringe benefit tax of ₱15.4 million. In addition, the benefit given in 2014 was higher because the Company's stock price at exercise dates ranges from ₱17.02 to ₱47.80 compared to ₱21.25 to ₱27.75 in 2013. Higher incentives were also given to employees due to favorable results of operations in 2014, thus personnel cost increased. Moreover, donations amounting to ₱31.5 million were given to the victims of super typhoon in Guiuan, Eastern Samar. The donations were used in the delivery of relief goods and building and reconstruction of houses. Aside from that, donations amounting to ₱3.5 million were also given to the Philippine General Hospital for the renovation of the wards.

#### Finance Income

Our finance income was \$\pm\$172.1 million in 2014 as compared to \$\pm\$166.8 million in 2013, an increase of \$\pm\$5.3 million, or 3%.

#### Finance Expenses

Our finance expense was \$\text{\text{\$\text{\$\text{\$4.8}}}}\$ million in 2014 as compared to \$\text{\$\text{\$\text{\$\$\text{\$\$\$}}\$}\$16.2 million, or 28%. Basically, the movement in our finance expense arises from the increase in our loan guarantee service fee, which moved from \$\text{\$\text{\$}\$104.2 million to \$\text{\$\text{\$}\$ an illion, due to additional loan drawn by THNC. The guarantee service fee is related to the Taganito HPAL project.

# Equity in Net Income (Losses) of Associates

Our equity in net income or losses of THNC and CBNC was ₱522.4 million income and ₱184.7 million loss in 2014 and 2013, respectively. The result of THNC's operations in 2014 and 2013 was a net income of US\$32.1 million and a net loss of US\$19.3 million, respectively. On the other hand, the results of CBNC 's operations for the last three quarters of 2014 was income of US\$59.4 million.

#### Other Income - net

Our other income - net in 2014 was P470.9 million compared to P309.8 million in 2013, an increase of P161.1 million, or 52%. The significant increase in our other income - net was brought mainly by the movement in foreign exchange gains from P53.3 million in 2013 to P182.5 million in 2014. In both periods, the Group was in net foreign currency denominated asset position but the average value of peso to dollar in 2014 of P44.39 was higher compared to P42.43 in 2013, thus the increase in foreign exchange gains. In addition, the net effect of the reversal of allowance for impairment losses resulted to an increase in other income - net by P362.2 million. Special projects of RTN also increased from P28.4 million to P84.8 million. However, the increase was partially offset by the decrease in dividend income and gain on sale of property and equipment and investment properties. In 2013, CBNC paid dividends of P60.5 million and the Group sold its condominium units at a gain of P222.0 million and none of these happened in 2014. Moreover, TMC recognized impairment for its conveyor amounting to P98.5 million which has become inoperational last September 1, 2014.

#### Provision for (Benefit from) Income Tax

Provision for income tax was \$\,\text{\pm4}\,292.8\$ million in 2014 compared to \$\,\text{\pm1}\,124.2\$ million in 2013, an increase of \$\,\text{\pm3}\,168.6\$ million, or 282%. Our current provision for income tax in 2014 was \$\,\text{\pm4}\,265.5\$ million compared to \$\,\text{\pm1}\,169.5\$ million in 2013, an increase of \$\,\text{\pm3}\,096.0\$ million, or 265% primarily due to the increase in our taxable income in 2014 resulting from higher sales revenue. Our provision for deferred income tax in 2014 was

P27.4 million compared to a benefit from deferred income tax of P45.3 million in 2013, an increase in provision for deferred income tax of P72.7 million, or 160%. The provision for deferred income tax in 2014 was higher compared to 2013 due to the application of NOLCO amounting to P169.8 million (with tax effect of P51.0 million) and application of excess of minimum corporate income tax (MCIT) over regular corporate income tax (RCIT) of P19.9 million.

#### Net Income

As a result of the foregoing, our consolidated net income was £11,008.1 million in 2014 compared to £2,586.4 million in 2013. Net of non-controlling interests, our net income was £8,551.6 million in 2014 as compared to £2,053.7 million in 2013, an increase of £6,497.9 million, or 316%.

#### Calendar year ended December 31, 2013 compared with calendar year ended December 31, 2012

#### Revenues

Our total revenues were  $\neq 11,109.5$  million in 2013 as compared to  $\neq 11,606.9$  million in 2012, a decrease of  $\neq 497.4$  million, or 4%.

#### Sale of ore

We sold an aggregate 13,998.4 thousand WMT of nickel ore in 2013, an increase of 19% compared to 11,730.2 thousand WMT of nickel ore in 2012. Our sales for this year included 3,594.2 thousand WMT of saprolite ore sold to Japanese and Chinese customers, 6,124.7 thousand WMT of limonite ore to our Chinese customers and 4,279.5 thousand WMT of limonite ore to CBNC and THNC compared to sales of 4,236.6 thousand WMT, 4,142.1 thousand WMT and 3,351.5 thousand WMT, respectively, in 2012.

Our revenue from sale of nickel ore was \$\text{\text{\$\text{\$\text{\$4\$}}}}\$10,321.7 million in 2013 as compared to \$\text{\$\text{\$\$\text{\$\$\text{\$\$\text{\$4\$}}}}\$1,099.2 million in 2012, a decrease of \$\text{\$\text{\$\$\exitt{\$\$\text{\$}\text{\$\$\tex{\$\$\text{\$\$\text{\$\$\text{\$\$\text{\$\$\text{\$\$\text{\$\$\text{\$\$\text{

With respect to low-grade limonite ore sold to both the Coral Bay and Taganito plants, we realized an average of \$6.70 per pound of payable nickel on 4,279.5 thousand WMT sold in 2013. This compares to an average price of \$8.02 per pound of payable nickel on 3,351.6 thousand WMT sold in 2012.

RTN's revenue from sale of nickel ore was \$\pm\$3,035.8 million in 2013 as compared to \$\pm\$3,994.1 million in 2012, a decrease of \$\pm\$958.3 million, or 24%. RTN sold an aggregate 5,774.4 thousand WMT of nickel ore in 2013 as compared to an aggregate 5,626.4 thousand WMT of nickel ore sold in 2012. The volume of saprolite ore sold to Japanese and Chinese customers decreased by 546.6 thousand WMT or 24%, while the volume of limonite ore sold to Chinese customers and CBNC increased by 694.6 thousand WMT, or 21%.

RTN's revenue from sale of limestone ore was £153.8 million in 2013 as compared to £44.1 million in 2012, an increase of £109.7 million or 249%. The increase in limestone revenue was due mainly to the start of production of RTN's limestone operation at the Gotok area. As a result, a total of 211.6 thousand WMT of limestone ore was delivered to CBNC this year compared to the 59.0 thousand WMT delivered last year.

TMC's revenue from sale of ore was \$\mathbb{2}\$3,109.1 million in 2013 as compared to \$\mathbb{2}\$3,093.9 million in 2012, an increase of \$\mathbb{2}\$15.2 million, or 0.5%. TMC sold an aggregate 3,893.1 thousand WMT of nickel ore in 2013 as compared to an aggregate 2,381.5 thousand WMT of nickel ore in 2012. The volume of saprolite ore sold to customers from Japan and China decreased by 254.8 thousand WMT, or 15%, while the volume of limonite ore sold to Chinese customers increased by 892.2 thousand WMT, or 126%. In addition, beginning April 2013 TMC started to deliver limonite ore to THNC and sold 874.2 thousand WMT during the year.

CMC's revenue from sale of ore was \$\text{\pi}737.9\$ million in 2013 as compared to \$\text{\pi}1,130.0\$ million in 2012, a decrease of \$\text{\pi}392.1\$ million, or 35%. CMC sold an aggregate 888.8 thousand WMT of nickel ore in 2013 as compared to an aggregate 1,085.6 thousand WMT of nickel ore in 2012. The volume of saprolite ore sold to

Japanese and Chinese customers increased by 60.0 thousand WMT or 21%. However, only 538.5 thousand WMT of limonite ore was sold to Chinese customers in 2013 compared to 795.3 thousand WMT in 2012.

HMC's revenue from sale of ore was ₽3,438.9 million in 2013 as compared to ₽2,881.2 million in 2012, an increase of ₽557.7 million, or 19%. In 2013, HMC sold an aggregate of 99.0 thousand WMT of saprolite ore to Japanese and Chinese customers and 3,342.9 thousand WMT of limonite ore to Chinese customers whereas in 2012 HMC sold 2,636.7 thousand WMT of limonite ore to Chinese customers only.

#### Services and Others

Our revenue from services and others was £634.0 million in 2013 as compared to £463.6 million in 2012, an increase of £170.4 million, or 37%. Services revenue largely consists of payments made to us in consideration for hauling, manpower and other ancillary services that RTN and TMC provides to CBNC and THNC, respectively, and usage fees charged by TMC to THNC for the use of its pier facility. The main reason for the sudden increase in our revenues from services and others in 2013 was due to the materials handling and other ancillary services provided by TMC to THNC which started only in January 2013.

#### Costs and Expenses

Our costs and expenses amounted to \$\pm\$7,562.1 million in 2013 as compared to \$\pm\$7,457.7 million in 2012, an increase of \$\pm\$104.4 million, or 1%.

# Cost of Sales

Our cost of sales was \$\frac{1}{2}4,489.3\$ million in 2013 as compared to \$\frac{1}{2}4,467.2\$ million in 2012, an increase of \$\frac{1}{2}2.1\$ million, or 0.5%. The slight increase in cost of sales was due to the combination of higher volume of production and shipments but lower production cost.

#### Cost of Services

Cost of services was £335.3 million in 2013 as compared to £260.4 million in 2012, an increase of £74.9 million, or 29%. Costs of services largely consist of the cost of hauling, providing manpower and other ancillary services to CBNC and THNC, plus the costs of maintaining the pier facility used by THNC. In 2013, TMC started to provide materials handling and other services to THNC wherein the cost incurred in providing these services was added in the cost of services.

#### Shipping and Loading Costs

Shipping and loading costs were £1,398.8 million in 2013 as compared to £1,400.6 million in 2012, a decrease of £1.8 million, or 0.1%. Despite of higher volume of production and shipments in 2013, the movement in shipping and loading costs was only minimal because the Group utilizes its newly acquired equipment and inhouse personnel for its ship loading activities instead of engaging a third party contractor which resulted to lower contract fees and other service fees.

#### Excise Taxes and Royalties

Our excise taxes and royalties were \$\mu648.6\$ million in 2013 as compared to \$\mu707.9\$ million in 2012, a decrease of \$\mu59.3\$ million, or 8%. The decrease in excise taxes and royalties was brought mainly by the significant decline in our sales revenue from RTN and CMC in 2013.

# Marketing

Our marketing expenses were \$\frac{1}{2}65.6\$ million in 2013 as compared to \$\frac{1}{2}94.4\$ million in 2012, a decrease of \$\frac{1}{2}28.8\$ million, or 30%. The decrease in our 2013 marketing expenses was mainly attributable to the decline in our sales revenue subject to the commission or marketing fee.

#### General and Administrative

General and administrative expenses were \$\text{\pm }624.5\$ million in 2013 as compared to \$\text{\pm }527.2\$ million in 2012, an increase of \$\text{\pm }97.3\$ million, or 18%. The higher expenses in 2013 were attributable mainly to the increase in taxes and licenses, from \$\text{\pm }66.2\$ million to \$\text{\pm }80.5\$ million, due to settlement of tax deficiencies and payment of business taxes; increase in personnel cost, from \$\text{\pm }173.8\$ million to \$\text{\pm }223.1\$ million, due to higher employee bonuses; and increase in other administrative expenses such as rentals and building dues.

### Finance Income

Our finance income was £166.8 million in 2013 as compared to £235.0 million in 2012, a decrease of £68.2 million, or 29%. The decrease was brought mainly by lower interest rates from time deposits and other investments in 2013 as compared in 2012.

#### Finance Expenses

Our finance expense was \$\text{\text{\$\text{\$\text{\$\text{\$}}}}\$128.6 million in 2013 as compared to \$\text{\$\text{\$\$\text{\$\$\text{\$\$\text{\$\$}}}\$114.9 million in 2012, an increase of \$\text{\$\text{\$\$\text{\$\$\text{\$\$\text{\$\$}}\$}\$13.7 million, or 12%. The increase was primarily due to guarantee service fee which increased from \$\text{\$\text{\$\$\text{\$\$\text{\$\$\$}\$}\$4.0 million to \$\text{\$\$\text{\$\$\$\$\$\$\$}\$104.2 million. The guarantee service fee is related to the Taganito HPAL project.

### Equity in Net Losses of an Associate

The equity in net losses of an associate was \$\mu\$184.7 million in 2013 as compared to \$\mu\$114.6 million in 2012, an increase of \$\mu\$70.1 million, or 61%. The movement was primarily due to increase in net loss of THNC in 2013 resulting from non-capitalizable supplies, equipment and workshop tools incurred by THNC during the year.

### Other Income - net

Our other income in 2013 was \$\pmaxrmax\$309.8 million as compared to \$\pmaxrmax\$300.3 million in 2012. Other income - net was primarily consists of dividend income from CBNC, net foreign exchange gains or losses, gain on sale of property and equipment and investment properties, provision for impairment losses and miscellaneous income and expenses.

#### Provision for (Benefit from) Income Tax

Provision for income tax was £1,124.2 million in 2013 compared to £1,334.7 million in 2012, a decrease of £210.5 million, or 16%. Our current provision for income tax in 2013 was £1,169.5 million compared to £1,264.3 million in 2012, a decrease of £94.8 million, or 8% primarily due to the decrease in our taxable income in 2013 resulting from lower revenues. Our benefit from deferred income tax in 2013 was £45.3 million as compared to a provision for deferred income tax of £70.4 million in 2012, an increase of £115.7 million, or 164%, resulting mainly from the de-recognition of deferred income tax asset on net operating loss carry-over amounting to £188.2 million in 2012 while there was none in 2013.

#### Net Income

As a result of the foregoing, our consolidated net income was 2,586.4 million in 2013 compared to 3,120.3 million in 2012. Net of non-controlling interests, our net income was 2,053.7 million in 2013 as compared to 2,207.2 million in 2012, a decrease of 1,53.5 million, or 7%.

### **FINANCIAL POSITION**

#### Calendar year as at December 31, 2015 and 2014

Total assets amounted to P41,646.2 million in 2015 compared to P35,183.9 million in 2014.

Current assets decreased to \$\text{P16,677.9}\$ million from \$\text{P20,611.5}\$ million mainly because of the decrease in cash and cash equivalents from \$\text{P13,561.8}\$ million to \$\text{P7,073.2}\$ million. The decrease in cash and cash equivalents was due to payments of cash dividends of \$\text{P4,303.9}\$ million, net acquisitions of various AFS financial assets and property and equipment of \$\text{P3,229.1}\$ million and \$\text{P3,900.1}\$ million, respectively, issuance of \$\text{P1,000.0}\$ million loan to East Coast, and acquisitions of subsidiaries, net of cash acquired, for a total amount of \$\text{P800.8}\$ million. However, the decrease was partially offset by cash received from operations of \$\text{P4,858.3}\$ million and proceeds from the availment of long-term loans of \$\text{P2,099.4}\$ million.

The increase in noncurrent assets from ₱14,572.4 million to ₱24,968.3 million was attributable mainly to capital expenditures arising from reconstruction of conveyor in TMC amounting to ₱643.9 million, additional cost incurred for the SURNECO project of ₱460.5 million, costs related to the solar and wind project of ₱1,667.3 million, purchases of various mining equipment, and the geothermal exploration and evaluation costs incurred for the Montelago and Biliran projects amounting to ₱6,114.9 million. Aside from that, CMC issued a loan to East Coast wherein ₱842.1 million pertains to the noncurrent portion. The Parent Company also acquired shares of NiHAO Mineral Resources International, Inc. with market value of ₱282.8 million as at year end, and this was classified under AFS financial assets. Mining rights also increased by ₱941.1 million

due to acquisition of Geogen. But the increase was partially offset by the decrease in investment in associates due to net loss positions of CBNC and THNC in 2015.

Total current liabilities increased to ₱7,713.2 million from ₱2,114.6 million due to amounts owed by BGI to its shareholders, OGI and Biliran Geothermal Holdings Incorporated, amounting to ₱5,141.5 million; short-term loans availed by EPI from Manta Equities Inc. amounting to ₱180.0 million, and deposits for future stock subscription of shareholders of CExCI amounting to ₱169.1 million.

Total noncurrent liabilities increased to ₱4,519.8 million from ₱2,167.0 million due to availment of long-term loans by EPI, in which ₱2,110.0 million was drawn during the year. Deferred income tax liabilities also increased from ₱421.0 million to ₱647.4 million due to the tax effect of business acquisitions during the year.

Our equity net of non-controlling interests as at December 31, 2015 decreased to \$\, 25,511.9\$ million from \$\, 27,185.6\$ million as of year-end 2014, due to net difference of cash dividends paid and net earnings in 2015.

#### Calendar year as at December 31, 2014 and 2013

Total assets amounted to ₱35,183.9 million in 2014 compared to ₱28,913.5 million in 2013.

Current assets increased to ₱20,611.5 million from ₱14,601.0 million mainly because of the increase in cash and cash equivalents from ₱10,234.3 million to ₱13,561.8 million; and trade and other receivables from ₱839.4 million to ₱1,431.1 million as a result of the increase in sales revenue during the year. In addition, AFS financial assets increased from ₱1,257.4 million to ₱2,281.6 million due to additional investments in various debt and equity securities.

The increase in noncurrent assets from \$\mathbb{P}14,312.5\$ million to \$\mathbb{P}14,572.4\$ million was brought by the increase in investment in associates due to equity take up on the results of operations of CBNC and THNC. In 2014, CBNC and THNC yielded favorable results of operations as compared in 2013 wherein THNC was in net loss position. The increase was slightly reduced by the decrease in long-term stockpile due to deliveries made to CBNC plant, disposal of AFS financial assets and decrease in deferred income tax assets due to application of NOLCO and excess of MCIT over RCIT and reversal of allowances for impairment losses on inventory and advances to claimowners.

Total current liabilities increased to ₱2,114.6 million from ₱1,309.0 million due to income taxes payable, which increased from ₱263.4 million to ₱513.6 million, and trade and other payables, which increased from ₱928.1 million to ₱1,482.6 million.

Total noncurrent liabilities decreased to ₱2,167.0 million from ₱2,392.8 million due to payments of long-term debt and rehabilitation cost amounting to ₱115.7 million and ₱10.4 million, respectively. Deferred income tax liabilities also decreased from ₱486.2 million to ₱421.0 million and pension liability decreased from ₱279.1 million to ₱231.3 million.

Our equity net of non-controlling interests as at December 31, 2014 increased to \$27,185.6 million from \$20,490.1 million as of year-end 2013, due to net earnings in 2014.

# **CASH FLOWS**

### Calendar year ended December 31, 2015, 2014 and 2013

The net cash flows from operating activities amounted to \$\text{\$\pm\$4,858.3 million}\$ in 2015, compared to \$\text{\$\pm\$11,155.1 million}\$ in 2014 and \$\text{\$\pm\$4,138.8 million}\$ in 2013, as proceeds from the sale of ore were higher in 2014 compared to 2015 and 2013 because of the surge in ore prices in 2014 due to expectation of supply tightness.

The net cash used for investment activities amounting to £9,285.6 million, £2,335.9 million and £1,890.9 million in 2015, 2014 and 2013, respectively, arises mainly from net acquisitions of property and equipment and AFS financial assets. However, in 2015 it was noted that there was a significant cash outflow as compared to the last two years and this was due to the loan issued to East Coast amounting to £1,000.0 million and acquisition of new subsidiaries amounting to £800.8 million. The Group also spent £500.9 million for geothermal exploration and evaluation assets in 2015 for its Montelago and Biliran projects.

In 2015, 2014 and 2013, the net cash used in financing activities amounting to \$\text{P2}\$,195.2 million, \$\text{P5}\$,588.2 million and \$\text{P1}\$,350.1 million, respectively, arises mainly from payments of cash dividends and long-term debt plus the related interest. However, in 2015, these payments were partially offset by proceeds from availment of loans amounting to \$\text{P2}\$,099.4 million.

As at December 31, 2015, 2014 and 2013, cash and cash equivalents amounted to ₽7,073.2 million, ₽13,561.8 million and ₽10,234.3 million, respectively.

# **TOP FIVE KEY PERFORMANCE INDICATORS**

# 1) SALES VOLUME

The volume of saprolite ore that we sell largely depends on the grade of saprolite ore that we mine. The volume of limonite ore that we sell to our customers in China largely depends on the demand for NPI and carbon steel in China. PAMCO purchases our high-grade saprolite ore that we are able to extract and ship at any given time. With respect to our low-grade saprolite and limonite ore, in periods when we are able to extract more ore than we are able to ship, we generally continue our mining operations and stockpile such ore for sale when demand improves or when prices rise to more attractive levels. As stated above, the volume of our low-grade saprolite ore and limonite ore sales to our Chinese customers is roughly correlated with the LME nickel price, with volume increasing as nickel prices rise. In addition to sales of nickel ore to PAMCO, SMM and our customers in China and Australia, we sell limonite ore from our Rio Tuba mine to the Coral Bay HPAL facility, in which we have a 10% equity interest, and from our Taganito mine to the Taganito HPAL facility, in which we have a 22.5% equity interest. CBNC purchases an amount of limonite ore from us sufficient to meet its ore requirements. The annual capacity of its Coral Bay HPAL facility was originally 10,000 tonnes of contained nickel and was expanded to 20,000 tonnes of contained nickel in the second half of 2009, resulting in a higher volume of limonite ore sales from RTN. In 2010, the Coral Bay HPAL facility was able to attain an annual capacity of 23,000 tonnes as a result of the facility's expansion in 2009 which became fully operational in 2010. The Taganito HPAL facility has an annual capacity of 51,000 tonnes of mixed nickel-cobalt sulfide over an estimated 30-year Project life.

# Type and Grade of Ore that we Mine

We realize higher sales prices for our saprolite ore than for our limonite ore. Accordingly, the type and grade (which is a factor of nickel content) of the ore that we mine affects our revenues from year to year. The quantity of saprolite ore that we mine annually depends on the customer demand and the availability of such ore at our mine sites. The mix between high-and low-grade saprolite ore at our minesites coupled with our long-term mining plan determines the quantities of each that we extract on an annual basis. The quantity of limonite ore that we mine on an annual basis depends on the amount of such ore that needs to be removed in order to extract the saprolite ore, as well as market demand.

In 2015 and 2014, we sold an aggregate of 19,671.6 thousand WMT and 17,873.3 thousand WMT, respectively.

#### 2) CASH COST PER VOLUME SOLD

The cash cost per volume of ore sold provides a cost profile for each operating mine and allows us to measure and compare operating performance as well as changes in per unit costs from year to year.

The cash cost includes production, shipping and loading costs, excise taxes and royalties, marketing and general and administrative expenses incurred by the Group.

The average cash cost per volume sold in 2015 is ₱439.20 per WMT on the basis of aggregate cash costs of ₱8,639.7 million and a total sales volume of 19,671.6 thousand WMT of ore. This compares to ₱502.46 per WMT in 2014 on the basis of aggregate cash costs of ₱8,980.7 million and a total sales volume of 17,873.3 thousand WMT of ore.

#### 3) ATTRIBUTABLE NET INCOME

Attributable net income represents the portion of consolidated profit or loss for the year, net of income taxes, which is attributable to the Parent Company. This is a relevant and transparent metric of the information contained in the consolidated financial statements. The net income attributable to equity holders of the Parent Company in 2015 is \$2,035.1 million compared to \$8,551.6 million in 2014.

### 4) NUMBER OF HECTARES REHABILITATED/REFORESTED

We adhere to the principles and practices of sustainable development. We are committed to complying and following environmental regulations by implementing best practices in managing environmental impacts of our operations. To manage environmental impacts, the Parent Company's subsidiaries have an EPEP. This refers to the comprehensive and strategic environmental management plan for the life of mining projects to achieve the environmental management objectives, criteria and commitments including protection and rehabilitation of the affected environment. A major component under our EPEP is the rehabilitation and reforestation of the areas affected by our mining operations. We also participate in the government's National Greening Program where we plant trees and/or donate seedlings outside of our mining properties. In 2015 and 2014, the Group has rehabilitated and reforested a total of 250.70 hectares and 197.31 hectares, respectively, with corresponding number of trees planted of about 644,407 and 406,610, respectively.

#### 5) FREQUENCY RATE

Health and safety are integral parts of our personnel policies. Our comprehensive safety program is designed to minimize risks to health arising out of work activities and to assure compliance with occupational health and safety standards and rules and regulations that apply to our operations. We measure our safety effectiveness through the Frequency Rate which is the ratio of lost-time accidents to total man-hours worked for the year. In 2015 and 2014, our frequency rate is 0.04 and 0.24, respectively.

# **OFF-BALANCE SHEET ARRANGEMENTS**

Under the Suretyship Agreement executed by and between the Parent Company and Security Bank Corporation (SBC) on August 4, 2015, the Parent Company solidarily with EPI guarantees and warrants to SBC, its assigns and successors-in-interest, prompt and full payment and performance of EPI's obligations to SBC (see Note 16 to the Consolidated Financial Statements).

Other than the Suretyship Agreement mentioned above, we have not entered into any off-balance sheet transactions or obligations (including contingent obligations), or other relationships with unconsolidated entities or other persons.

### **Item 7. FINANCIAL STATEMENTS**

The audited financial statements are presented in Part V, Exhibits and Schedules.

#### Item 8. INFORMATION ON INDEPENDENT ACCOUNTANTS AND OTHER RELATED MATTERS

Our consolidated financial statements have been audited by SyCip Gorres Velayo & Co ("SGV & Co") (a member practice of Ernst & Young Global Limited), independent auditors, as stated in their reports appearing herein.

Ms. Eleanore A. Layug is our current audit partner and has served the Company during the three most recent years following the regulatory policy of audit partner rotation every five years. We have not had any disagreements on accounting and financial disclosures with our current external auditors for the same periods or any subsequent interim period.

### Audit and Audit-Related Fees

For the years 2015, 2014 and 2013, SGV & Co. were engaged primarily to express an opinion on the financial statements of the Parent Company and some of its subsidiaries.

#### Non-Audit Services Fees

Non-audit services fees pertain to fees paid to SGV & Co. for the performance of agreed upon procedures on the application of the proceeds from the Initial Public Offering, tax related consultations and transfer pricing studies.

The following table sets out the aggregate fees incurred in 2015 and 2014 for professional services rendered by SGV & Co.:

	2015	2014
	(In Thou	sands)
Audit and Audit-Related Services	₽11,316	₽10,506
Non-Audit Services	1,655	1,878
Total	₽12,971	₽12,384

# **Audit Committee's Approval of Policies and Procedures**

Prior to the commencement of the year-end audit work, SGV & Co. present their program and schedule to the Company's Audit Committee, which include discussion of issues and concerns regarding the audit work to be done. At the completion of the audit works, the Group's audited financial statements for the year are likewise presented by SGV & Co. to the Audit Committee for committee approval and endorsement to the full Board for final approval. The Audit Committee pre-approve the terms of the annual audit services engagement. They also approve, if necessary, any changes in terms resulting from changes in audit scope.

### PART III - CONTROL AND COMPENSATION INFORMATION

#### Item 9. DIRECTORS AND EXECUTIVE OFFICERS OF THE ISSUER

#### A. LIST OF DIRECTORS, EXECUTIVE OFFICERS AND COMMITTEES OF THE ISSUER

The BOD is principally responsible for the Company's overall direction and governance. The Company's Articles of Incorporation provide for nine members of the BOD, who shall be elected by the stockholders. At present, two of the Company's nine directors are independent directors. The BOD holds office for one year and until their successors are elected and qualified in accordance with the by-laws.

#### **DIRECTORS**

The following are the present directors of the Company:

Name	Age	Citizenship	Position	Date First Elected	Date Last Elected	No. of Years served as Director
Manuel B. Zamora, Jr.	78	Philippine National	Executive Director, Chairman	July 11, 2008	June 5, 2015	7 years and 5 months
Philip T. Ang	74	Philippine National	Executive Director and Vice-Chairman	July 11, 2008	June 5, 2015	7 years and 5 months
Luis J. L. Virata	62	Philippine National	Non-Executive Director	July 11, 2008	June 5, 2015	7 years and 5 months
Gerard H. Brimo	64	Philippine National	Executive Director, President and Chief Executive Officer	August 1, 2009	June 5, 2015	6 years and 5 months
Martin Antonio G. Zamora	43	Philippine National	Executive Director, Senior Vice President for Marketing and Strategic Planning	July 30, 2013	June 5, 2015	2 years and 5 months
Takanori Fujimura	72	Japanese National	Non-Executive Director	September 20, 2010	June 5, 2015	5 years and 3 months
Takeshi Kubota	61	Japanese National	Non-Executive Director	September 20, 2010	June 5, 2015	5 years and 3 months
Fulgencio S. Factoran, Jr.	73	Philippine National	Independent Director	September 20, 2010	June 5, 2015	5 years and 3 months
Frederick Y. Dy	61	Philippine National	Independent Director	September 24, 2010	June 5, 2015	5 years and 3 months

Mr. Manuel B. Zamora, Jr. is a majority shareholder of Mantra Resources Corp. Mr. Philip T. Ang is a majority shareholder of Ni Capital Corporation.

Certain information on the business and working experience of our Directors and Executive Officers is set out below:

**MANUEL B. ZAMORA, JR.** is the Chairman and a founder of the Company. He is the Chairman of RTN and TMC. Mr. Zamora is also a director of a number of other companies in the Philippines, including CLSA Exchange Capital Inc. (CLSA). He was previously Chairman and President of the Chamber of Mines of the Philippines. Mr. Zamora is a lawyer and a member of the Integrated Bar of the Philippines. The Chairman has not been Chief Executive Officer (CEO) of the Company since August 2009.

**PHILIP T. ANG** is the Vice Chairman of the Company. He is also presently a director of Security Bank Corporation and two of its subsidiaries, namely SB Capital Investment Corporation, and Security Finance, Inc.

LUIS J. L. VIRATA is a director of the Company. He is presently the Chairman and CEO of CLSA, an investment banking joint venture formed in 2001 between CLSA Emerging Markets and Exchange Capital, which Mr. Virata formed in 1998. Presently, Mr. Virata is also the President and CEO of Coastal Road Corp., Chairman and President of Exchange Properties Resources Corp., Founder and Trustee of Asia Society and a director of Benguet Corporation, Huntsman Foundation and Group 4 Securitas. Mr. Virata has previously held positions with Dillon, Read and Co., Crocker National Bank, Bankers Trust Company, Philippine Airlines, NSC Properties, Inc., The Philippine Stock Exchange, the Makati Stock Exchange, and National Steel Corp. Mr. Virata received a Master of Business Administration from the Wharton School, University of Pennsylvania in 1979, and a Bachelor of Arts and Master of Arts in Economics from Trinity College, Cambridge University in 1976.

**Gerard H. Brimo** is a director and the President and CEO of the Company since August 2009 and the President of RTN, TMC, CMC, HMC, and Chairman of Geogen and EPI. Mr. Brimo joined the Company in 2008 and is the President of a privately owned exploration company, Newminco Nickel Mining Corp. Mr. Brimo began his mining career with Philex Mining Corp. as a Vice President in 1985 and served as Chairman and CEO of Philex Mining from 1994 until his retirement from said company in December 2003. He was President of the Chamber of Mines of the Philippines from 1993 to 1995 and Chairman from 1995 to 2003.

**MARTIN ANTONIO G. ZAMORA** is the Senior Vice President of the Company and is responsible for the marketing and strategic functions of the NAC Group. He is likewise the President of SNMRC. Prior to joining NAC in 2007, Mr. Zamora was a director and head of the Philippines of UPC Renewables, a global developer, owner, and operator of wind farms and solar facilities. He also has more than 10 years' experience in corporate finance and investment banking, having held positions with firms such as CLSA, Robert Fleming & Co. (UK), Jardine Fleming, and SyCip Gorres Velayo & Co.

**TAKANORI FUJIMURA** is a director of the Company. Mr. Fujimura joined the Company in 2009 and he is also the President of CBNC.

**TAKESHI KUBOTA** is a director of the company. Mr. Kubota joined the Company in 2010 and is also currently a director and Managing Executive Officer of SMM and General Manager of its Non-Ferrous Metals Division.

**FULGENCIO S. FACTORAN, JR.** is an independent director of the Company. Mr. Factoran joined the Company in 2010 and is also a Director of Banco de Oro Leasing & Finance, Chairman of GAIA South, Inc., Chairman of Agility, Inc., and a Director of Geo-Surveys & Mapping, Inc. He was previously a Director of Central Azucarera de Tarlac and Business Certification International, Ltd. He previously held various government positions, such as Trustee of the Government Service and Insurance System, Secretary of the DENR, Chairman of the National Electrification Administration, Chairman of the Philippine Charity Sweepstakes, Director of the National Development Corp., Trustee of the Development Academy of the Philippines and Deputy Executive Secretary of the Office of the President of the Philippines.

**FREDERICK Y. DY** is an independent director of the Company. Mr. Dy joined the company in 2010 and is also the Chairman and a director of Security Bank Corporation, Chairman of City Industrial Corporation, Vice-Chairman of St. Luke's Medical Center and a director of Ponderosa Leather Goods Company, Inc.

#### **EXECUTIVE OFFICERS**

Our Executive Officers, together with our Executive Directors, are responsible for our day-to-day management and operations. The following table sets forth information regarding our Executive Officers.

Name	Age	Citizenship	Position
Jose B. Anievas	71	Philippine National	Senior Vice President - Chief Operating Officer
Emmanuel L. Samson	56	Philippine National	Senior Vice President - Chief Financial Officer
Raymundo B. Ferrer	60	Philippine National	Senior Vice President for Security
Rolando R. Cruz	55	Philippine National	Vice President of Operations
Augusto C. Villaluna	66	Philippine National	Vice President - Operations
			Vice President for Legal and Special
			Projects/Assistant Corporate
Jose Roderick F. Fernando	42	Philippine National	Secretary/Compliance Officer
Koichi S. Ishihara	42	Japanese National	Vice President for Marketing & Purchasing
Jose Bayani D. Baylon	53	Philippine National	Vice President for Corporate Communications
Ma. Angela G. Villamor	50	Philippine National	Vice President for Internal Audit
Gerardo Ignacio B. Ongkingco	57	Philippine National	Vice President - Human Resources
			Assistant Vice President - MIS and
Marnelle A. Jalandoon	45	Philippine National	Administration
Barbara Anne C. Migallos	61	Philippine National	Corporate Secretary

Information on the business and working experience of our Executive Officers is set out below:

JOSE B. ANIEVAS is the Senior Vice President for Operations and Chief Operating Officer of the Company. He started working with TMC in 2009 as its Resident Manager and later as its Vice President for Operations. He has worked with the mining industry for 44 years, 37 years with Philex Mining Corporation and Philex Gold Philippines as its Vice President for Operations until his retirement in December 2002, 2 years with Carrascal Nickel Corporation and 5 years with TMC. He also served the Government in the Professional Regulation Commission as a member of the Board of Examiners for Mining Engineering in 1997-2000 and was President of the Philippine Society of Mining Engineers in the Caraga region in 2010-2012. He is a Fellow of the Society of Mining Engineers and a Competent Person in the Copper and Gold operations. Mr. Anievas earned his Bachelor of Science in Mining Engineering from Mapua Institute of Technology and subsequently passed the Board Exams in 1967. He also received a certificate for completing the Management Development Program from the Asian Institute of Management in 1978.

**EMMANUEL L. SAMSON** is the Senior Vice President and Chief Financial Officer of the Company and is responsible for the finance and treasury functions of the NAC Group. Prior to joining NAC in 2006, Mr. Samson was Senior Country Officer for Credit Agricole Indosuez in the Philippines. Mr. Samson has 11 years' experience in the Philippine equities markets having held positions with W.I. Carr Indosuez Securities (Phils.) Inc., Amon Securities Corporation and Rizal Commercial Banking Corporation.

**RAYMUNDO B. FERRER** is the Senior Vice President for Security and Administration. He joined Nickel Asia Corporation in May 2012. He is a retired Lieutenant General from the Armed Forces of the Philippines. Some of his previous assignments prior to his compulsory retirement on January 23, 2012 was Commander of Western Mindanao Command, Commander of Eastern Mindanao Command, Commander of the 6th Infantry Division, Philippine Army operating in Central Mindanao; Commander of the 1st Infantry Division, Philippine Army operating in Zamboanga Peninsula; and Commander of 103rd Infantry Brigade in Basilan Province.

**ROLANDO R. CRUZ** is the Vice President of Operations of the Company and is responsible for the operations and engineering functions of the Company's projects and the Company's Surigao and Dinagat-based operations. Mr. Cruz is a licensed mining engineer in the Philippines with 25 years of professional experience in both mining operations and project development in gold, copper, chromite, concrete aggregates, nickel, and oil sands deposits using the open pit and underground bulk mining

methods. He has held various positions with firms such as Albian Sands Energy, Inc. (Canada), Berong Nickel Corporation, Concrete Aggregates Corporation, Philex Mining Corporation, and Benguet Corporation.

JOSE RODERICK F. FERNANDO is the Vice President for Legal and Special Projects and Assistant Corporate Secretary of the Company and is responsible for the Group's legal matters. He is likewise the Corporate Secretary of NAC's subsidiaries. Prior to joining the Company in 2008, Mr. Fernando was a practicing lawyer with Balane Tamase Alampay Law Office for 7 years, specializing in commercial litigation, labor and corporate law. Mr. Fernando is a member of the Integrated Bar of the Philippines and is a Commissioner of its Commission on Bar Discipline. He is also licensed to practice law in the state of New York.

**KOICHI ISHIHARA** is the Vice President of the Company and is responsible for marketing and purchasing functions of the NAC Group. Prior to joining NAC in 2011, he was a Manager and Philippine Representative of PAMCO handling nickel and stainless market analysis and update in Asian countries. He has also supported establishing a Hydro Metallurgical Processing Plant.

JOSE BAYANI D. BAYLON is the Vice President for Corporate Communications. He joined the Company in June 2012. He has almost two decades of experience in the field of corporate communications and public affairs. Prior to joining NAC, he was Vice President and Director for Public Affairs and Communications of The Coca-Cola Export Corporation for 14 years, and, prior to that, was executive assistant and speechwriter to Mr. Enrique Zobel at E. Zobel Inc. for 9 years. He was a public affairs commentator at Radio Station DWWW 774 KhZ from 2001-2011 and has been contributing opinion pieces to the newspaper Malaya Business Insight since 2001.

**MA. ANGELA G. VILLAMOR** is the Vice President of the Company and the Head of the Company's Internal Audit. She is responsible for reviewing the Company's organizational and operational controls, risk management policies, and governance. Prior to joining NAC in 2011, she was a Senior Director in the Assurance Division of SyCip Gorres Velayo & Co. She also worked as Senior Manager in KPMG UAE.

**AUGUSTO C. VILLALUNA** is the Vice President for Operations responsible for the Rio Tuba and Taganito mines of the Company. Engr. Villaluna is a licensed Mining Engineer/Fellow with over 42 years' experience in both underground and surface mining. He last served as Executive Vice President of Lepanto Consolidated Mining Company and Senior Vice President and member of the Board of Directors of Manila Mining Corporation. He received his Bachelor of Science degree in Mining Engineering from Mapua Institute of Technology. He is a director of the Philippine Mine Safety an Environment Association. He is a Competent Person under the PMRC, as well as, a registered APEC and ASEAN Engineer. Engr. Villaluna sits as member of the Board of Mining Engineering of the Professional Regulation Commission.

**GERARDO IGNACIO B. ONGKINGCO** is the Vice President for Human Resources of the Company. His career in Human Resources started in the early 80's and has been enriched with exposure to various industries; government, manufacturing, agriculture and hospitality. He was past President of the Philippine Quality and Productivity Movement, Davao Chapter. He earned his Bachelor's Degree in Community Development as well as his Masters in Industrial Relations from the University of the Philippines.

**MARNELLE A. JALANDOON** is the Assistant Vice President - MIS and Administration of the Company and is responsible for the technology, communications infrastructure and administrative operations of the Group. Prior to joining NAC in 2008, Mr. Jalandoon was the Technical Operations Director of Concentrix Technologies, Inc, driving both the Technical Department and the Application Development Teams. He has held various IT positions with Grand International Airways, First Internet Alliance, WebScape, I-Next Internet and PSINET Philippines, garnering more than 20 years' experience in IT Infrastructure and Communications.

BARBARA ANNE C. MIGALLOS is the Corporate Secretary of the Company. She is the Managing Partner of Migallos and Luna Law Offices, and was a Senior Partner of RocoKapunanMigallos and Luna from 1986 to 2006. A practicing lawyer since 1980, Ms. Migallos focuses principally on corporate law, mergers and acquisitions, and securities law. She is a Director of Mabuhay Vinyl Corporation, a listed company, Philippine Resins Industries, Inc. and several other corporations, and is the Corporate Secretary of Philex Mining Corporation, Eastern Telecommunications Philippines, Inc. and other corporations. Ms. Migallos lectures regularly for the Supreme Court-mandated Continuing Legal Education program on the topics Corporate Governance, Securities Law and Ethics for Corporate Lawyers.

No director or senior officer of the Company is or has been in the past two years, a former employee or partner of the current external auditor.

Also, the Company discloses the transactions of its directors and officers as required by applicable law and regulation.

### **B. SIGNIFICANT EMPLOYEES/EXECUTIVE OFFICERS**

No single person is expected to make a significant contribution to the business since the Company considers the collective efforts of all its employees as instrumental to the overall success of the Company's performance.

### C. FAMILY RELATIONSHIP

Aside from Mr. Martin Antonio G. Zamora being the son of Mr. Manuel B. Zamora, Jr., none of our Executive Officers are related to each other or to our Directors and substantial Shareholders.

#### D. INVOLVEMENT IN CERTAIN LEGAL PROCEEDINGS

None of the members of our Board, nor any of our executive officers, has been or is involved in any criminal, bankruptcy or insolvency investigations or proceedings for the past five years and up to the date of this Prospectus. None of the members of our Board, nor any of our executive officers, has been convicted by final judgment of any offense punishable by the laws of the Republic of the Philippines or of any other nation or country. None of the members of our Board nor any of our executive officers have been or are subject to any order, judgment, or decree, not subsequently reversed, suspended or vacated, of any court of competent jurisdiction, domestic or foreign, permanently or temporarily enjoining, barring, suspending or otherwise limiting his involvement in any type of business, securities, commodities or banking activities. None of the members of our Board nor any of our executive officers have been found by a domestic or foreign court of competent jurisdiction (in a civil action), the Commission or comparable foreign body, or a domestic or foreign Exchange or other organized trading market or self-regulatory organization, to have violated a securities or commodities law or regulation.

# Item 10. EXECUTIVE COMPENSATION

The table set out on the next page identifies our CEO and four most highly compensated executive officers (the "named executive officers") and summarizes their aggregate compensation in 2014 and 2015 and their estimated compensation for 2016. The amounts set forth in the table have been prepared based on what we paid for the compensation of our executive officers for the years indicated and what we expect to pay on the ensuing year.

	December 31, 2014		December 31, 2015			December 31, 2016 (Estimated)			
	Salary	Bonus	Total	Salary	Bonus	Total	Salary	Bonus	Total
	(In Php Thousands)								
Named executive officers (1)	₽32,191	P29,624	₽61,815	₽33,247	<del>P</del> 19,817	<del>P</del> 53,064	<del>P</del> 34,819	<del>P</del> 20,658	₽55,477
All other officers and directors as a group unnamed	20,395	16,780	37,175	25,682	11,891	37,573	27,063	12,499	39,562

<sup>&</sup>lt;sup>1</sup>The named executive officers are: Gerard H. Brimo (President and CEO), Emmanuel L. Samson (Chief Financial Officer), Jose S. Saret (Former Chief Operating Officer), Jose B. Anievas (Chief Operating Officer, effective April 1, 2015), Rolando R. Cruz (Vice President of Operations), Martin Antonio G. Zamora (Senior Vice President for Marketing and Strategic Planning).

# **COMPENSATION OF DIRECTORS**

Each of the directors of the Parent Company is entitled to a director's fee for each meeting attended. In addition, the directors who serve in the committees of the BOD, namely, the Audit, Risk, Nomination and Remuneration (Compensation) Committees, are each entitled to a fee for each committee meeting attended.

The table below shows the compensation of our Directors for each meeting:

Туре	Board Meeting	Audit Committee Meeting	Other Meetings	Stock Option
Executive Director	₽10,000	<del>₽</del> 10,000	₽10,000	Yes
				Yes, Except for
Non-executive Director	10,000	10,000	10,000	Japanese Directors
Independent Director	150,000	50,000	10,000	Yes

Currently, there are no arrangements for additional compensation of directors.

### STOCK OPTION PLANS

On March 24, 2014 and June 6, 2014, our BOD and stockholders, respectively, approved the 2014 Executive Stock Option Plan (the 2014 ESOP or the New Plan) covering up to thirty two million (32,000,000) shares allocated to our directors, officers, corporate secretary and the officers of our subsidiaries, specifically those with positions of Assistant Vice President and higher, including all Resident Mine Managers of our subsidiaries. The optionees of the 2014 ESOP may avail of the ESOP shares at ninety percent (90%) of the Offer Price for a number of ESOP Shares equivalent to up to four (4) times the annual salary of the optionees. In case of non-executive directors and the corporate secretary, their grants shall be the average of the highest and lowest grants within the ESOP. The 2014 ESOP shall be valid for 5 years commencing from the date of the approval of the New Plan. Options shall vest yearly at a rate of 25% of the entitlement, with the first vesting occurring one year after the grant. The optionee can exercise the vested option by giving notice to the Parent Company within the term of the New Plan, and can opt to either purchase the shares directly at the exercise price or request the Parent Company to advance the purchase price and to sell the shares, in which case the participant will receive the sales proceeds less the exercise price.

On June 16, 2010, our BOD and stockholders approved the 2010 Executive Stock Option Plan (the 2010 ESOP or the Plan) covering up to twelve million (12,000,000) shares allocated to our officers and the officers of our subsidiaries, specifically those with positions of Assistant Vice President and higher, including all Resident Mine Managers of our subsidiaries. The optionees of the 2010 ESOP may avail of the ESOP shares at ninety percent (90%) of the Offer Price for a number of ESOP Shares equivalent to up to three (3) years annual salary of the optionee. The term of the 2010 ESOP shall be six (6) years commencing from the date of the approval of the Plan. Options shall vest yearly at a rate of 25% of the entitlement, with the first vesting occurring one year after the grant. The optionee can exercise the vested option by giving notice to the Parent Company within the term of the Plan, and can opt to either purchase the shares directly at the exercise price or request the Parent Company to advance the purchase price and to sell the shares, in which case the participant will receive the sales proceeds less the exercise price.

The cost of share-based payment plan in 2015, 2014 and 2013 amounted to ₱57.8 million, ₱43.0 million and ₱10.4 million, respectively.

Several executive officers have exercised their option under the ESOP totaling to 2,584,213 shares at an exercise price of ₹4.80 per share in 2015, 11,431,005 shares at an exercise price of ₹7.20 per share in 2014, and 1,851,218 shares at an exercise price of ₹9.00 per share in 2013 (all are ₹2.40 per share after the effect of stock dividends).

On June 2, 2015, the SEC approved the exemption from registration of 11,625,987 common shares which shall form part of the ESOP. As of December 31, 2015, the Company is in the process of securing the approval of SEC of the exemption from registration of 31,523,262 common shares which shall also form part of the ESOP.

On September 2, 2013 and March 19, 2013, SEC issued a resolution approving the request filed by the Parent Company for the exemption of 3,030,058 common shares and 4,457,156 common shares, respectively, from the registration requirement. The said shares form part of the Parent Company's ESOP.

#### Item 11. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

#### A. SECURITY OWNERSHIP OF CERTAIN RECORD AND BENEFICIAL OWNERS

The list of registered stockholders owning five (5%) percent or more of the Company's stock as of December 31, 2015 follows:

Title of class	Name, address of record owner and relationship with issuer	Name of Beneficial Owner and Relationship with Record Owner	Citizenship	No. of Shares Held	Percent
Common Stock	PCD Nominee Corporation (Filipino)		Filipino	4,450,021,473	58.58%
Common Stock	Mantra Resources Corporation 30 <sup>th</sup> Floor NAC Tower, 32 <sup>nd</sup> Street, Bonifacio Global City, Taguig	Manuel B. Zamora, Jr Chairman	Filipino	1,944,768,138**	25.60%
Common Stock	Sumitomo Metal Mining Philippine Holdings Corporation 24F Pacific Star Building Makati Avenue, Makati City		Foreign	1,995,590,726***	26.27%
Common Stock	Ni Capital Corporation 28 <sup>th</sup> Floor NAC Tower, 32 <sup>nd</sup> Street, Bonifacio Global City, Taguig	Philip T. Ang - Vice Chairman	Filipino	1,016,731,328	13.38%
Common Stock	Luis J. L. Virata 3/F Corporate Business Centre, 151 Paseo de Roxas Makati City	Nonillion Holding Corporation*	Filipino	970,838,016	12.78%
Common Stock	PCD Nominee Corporation (Non-Filipino)		Foreign	888,047,019	11.69%

<sup>\*</sup> Transfers from the individual shareholder to the corporation is covered by a deed of assignment and pending issuance of Certificate Authorizing Registration from the BIR.

<sup>\*\*</sup>Lodged with a PCD Nominee Corporation

<sup>\*\*\*</sup>Partly lodged with a PCD Nominee Corporation (123,375,900)

# B. SECURITY OWNERSHIP OF MANAGEMENT

The beneficial ownership of the Company's directors and executive officers as of December 31, 2015 follows:

Title of Class	Name of Beneficial Owner	Amount and Nature of Beneficial Ownership	Citizenship	Percent
Common Stock	Manuel B. Zamora Jr.	5,982,236 - Direct	Filipino	25.68%
		238,528 - through PCD	•	
		Nominee Corporation		
		1,944,768,138 - through		
		Mantra Resources Corporation		
Common Stock	Gerard H. Brimo	10,434,374 - Direct	Filipino	0.17%
		2,239,500 - through PCD		
		Nominee Corporation		
Common Stock	Philip T. Ang	1,616,724 - Direct	Filipino	13.40%
		147,036 - through PCD		
		Nominee Corporation		
		1,016,731,328 - through		
		Ni Capital Corporation		
Common Stock	Luis J. L. Virata	400 - Direct	Filipino	12.78%
		970,838,016 - through PCD		
		Nominee Corporation and		
		Nonillion Holding Corp.		
Common Stock	Martin Antonio G. Zamora	300 - Direct	Filipino	0%
		8,706 - through PCD Nominee		
		Corporation		
Common Stock	Fulgencio S. Factoran, Jr.	842	Filipino	0%
Common Stock	Frederick Y. Dy	842	Filipino	0%
Common Stock	Takanori Fujimura	1,124	Japanese	0%
Common Stock	Takeshi Kubota	1,124	Japanese	0%
Common Stock	Jose B. Anievas	2,737,494	Filipino	0.04%
Common Stock	Emmanuel L. Samson	-	Filipino	0%
Common Stock	Raymundo B. Ferrer	-	Filipino	0%
Common Stock	Rolando R. Cruz	1,559,904	Filipino	0.02%
Common Stock	Jose Roderick F. Fernando	644,150	Filipino	0.01%
Common Stock	Koichi Ishihara	200,000	Japanese	0%
Common Stock	Jose Bayani D. Baylon	-	Filipino	0%
Common Stock	Augusto C. Villaluna	-	Filipino	0%
Common Stock	Gerardo Ignacio B.	_	Filipino	0%
	Ongkingco		-	
Common Stock	Barbara Anne C. Migallos	-	Filipino	0%
Common Stock	Ma. Angela G. Villamor	1,065,308	Filipino	0%

# C. VOTING TRUST HOLDERS OF 5% OR MORE

There is no voting trust holder of 5% or more of the Company's stock.

# D. CHANGES IN CONTROL

There are no arrangements which may result in a change in control of the Company.

#### Item 12. CERTAIN RELATIONSHIP AND RELATED TRANSACTIONS

Related party relationships exist when one party has the ability to control, directly or indirectly through one or more intermediaries, the other party or exercise significant influence over the other party in making financial and operating decisions. Such relationships also exist between and/or among entities which are under common control with the reporting enterprise, or between and/or among the reporting enterprise and their key management personnel, directors, or its stockholders.

All sales and purchases from related parties are made at prevailing market prices.

#### Nickel Ore Sale Agreements with PAMCO

CMC and TMC supply saprolite ore to PAMCO. PAMCO is a stockholder of the Parent Company and TMC. All sales made to PAMCO are transacted at prevailing market prices. Under the terms of the agreement, the base price of the ore products for a specific shipment shall be based on LME. Effective April 2014, ore sales to PAMCO are benchmarked to China prices on the basis of a negotiated price per WMT of ore. PAMCO shall pay the Group eighty percent (80%) to ninety percent (90%) of the provisional invoice amount upon receipt of the required documents and pay the final payment of each shipment after the final dry weight and applicable assay have been determined.

### Nickel Ore Sale Agreement with PAMCO and Sojitz Corporation (Sojitz)

RTN supplies saprolite ore to PAMCO under a sale agreement, which shall continue to be valid and in effect until December 2015, wherein PAMCO appointed Sojitz as agent. PAMCO owns thirty-six percent (36%) and Sojitz owns four percent (4%) of the outstanding shares in the capital stock of RTN.

#### Nickel Ore Sale Agreement with SMM

On April 1, 2011, RTN and SMM entered into an agreement to supply nickel ore to the latter. The agreement shall be valid from April 2011 and shall continue to be valid and in effect until December 2015.

### Nickel Ore Supply Agreement with CBNC

RTN entered into an agreement with CBNC to supply all of the limonite ore requirements for the Coral Bay Hydro Metallurgical Processing Plant (HPP) facility until the earlier of the cessation of operations at the Coral Bay HPP facility and exhaustion of the limonite ore reserves at the Rio Tuba mine. RTN has also entered into an agreement with CBNC to supply limestone and provide ancillary services to the Coral Bay HPAL facility. CBNC is the owner of the Coral Bay HPP facility.

### Nickel Ore Supply Agreement with THNC

TMC entered into an agreement with THNC covering the sale of its ore products. Under the terms of the agreement, the base price of the ore products for a specific shipment shall be based on LME.

#### Service Agreements with CBNC

RTN entered into various service agreements with CBNC pertaining to materials handling and others.

### Materials Handling Agreement with THNC

On October 7, 2013, TMC and THNC executed an agreement wherein TMC will render services related to the handling, hauling and transport of cargo for the latter. THNC shall compensate TMC based on the prices stipulated in the agreement which are determined on the basis of the weight of the cargo. Payment is collected within fifteen (15) days from receipt of TMC's billing.

### **Funding Commitment with SMM**

RTN's long-term debt was incurred to complete infrastructure projects to support the development of the Coral Bay HPAL facility. These projects included the causeway, trestles and dolphins in the Rio Tuba foreshore and offshore areas.

#### **Funding Commitment with THNC**

TMC as owner/developer of Taganito Special Economic Zone (TSEZ) incurred a long-term debt to finance the construction of the pier facilities that will be utilized to support the operations of the Taganito HPAL facility.

These projects included the jetty, dolphins, rubber fender, jettybollard and other pier facilities in the Taganito foreshore and offshore areas.

#### THNC Stockholder's Agreement

On September 15, 2010, NAC, SMM and Mitsui executed a Stockholders Agreement, pursuant to which the parties formed a joint venture company, THNC, to build and operate a plant in Barangay Taganito, Claver, Surigao del Norte for the purpose of producing and selling nickel-cobalt mixed sulfide to be used in the production of electrolytic nickel and electrolytic cobalt.

Pursuant to the Stockholders Agreement, SMM granted THNC a non-exclusive license of technology owned by SMM to produce the products and has undertaken to provide technical assistance to THNC. The Parent Company has undertaken to cause TMC to supply THNC with nickel ore and limestone and to further cause TMC to make available to THNC the use of the land and infrastructure necessary for the production of the products while Mitsui shall assist THNC in procuring materials and equipment necessary for the mine's operations. The Stockholders Agreement shall terminate upon the dissolution of THNC.

The Parent Company, along with the other stockholders of THNC, also agreed to make loans to THNC or guarantee the repayment of THNC's loan obligations in accordance with the financial requirements of THNC, in proportion to their shareholding ratio in THNC.

In a separate agreement dated December 9, 2011, SMM agreed to assume Parent Company's obligation to make loans to, or guarantee the repayment of THNC's loan obligations. The Parent Company, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of THNC's outstanding loan obligations.

#### **CBNC Stockholder Agreement**

On July 1, 2002, RTN, along with the other stockholders of CBNC, agreed to make loans to CBNC or guarantee the repayment of CBNC's loan obligations in accordance with the financial requirements of CBNC, in proportion to their shareholding ratio in CBNC.

In a separate agreement dated October 22, 2002, SMM, which owns fifty-four percent (54%) of CBNC, agreed to assume RTN's obligation to make loans to, or guarantee the repayment of CBNC's loan obligations. RTN, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of CBNC's outstanding loan obligations until August 2015.

### **Throughput Agreements**

THNC

On October 4, 2010, TMC and THNC executed a Throughput Agreement wherein TMC will construct the pier facilities within the TSEZ pursuant to its role as Developer. The TSEZ is located within the Surigao Mineral Reservation, an area declared for mineral development pursuant to Proclamation 391, under the supervision of the DENR that issued an "Order to Use Offshore Area" dated September 20, 2010 to TMC for the use of such portion of the Surigao Mineral Reservation for the construction of the pier facilities. In relation to this, THNC entered into a Registration Agreement with the PEZA to construct and operate a mineral processing plant within the TSEZ as an Ecozone Export Enterprise.

Under the agreement, TMC will make available the pier facilities and provide certain services to THNC in consideration for usage fees and service fees to be paid by the latter starting April 2011 until 2031, unless terminated earlier. The usage fee amounted to \$1,346,500 for each semi-annual period to be paid on or before October 10 and April 10.

THNC also agrees to pay service fee that will be agreed upon by both parties which shall be billed on a monthly basis.

Prior to the commencement date, THNC may also request TMC to use any part of the constructed Pier Facilities, which is ready for use, upon payment of reasonable compensation which shall be mutually agreed by TMC and THNC.

#### CBNC

Under the agreement, CBNC shall pay RTN the price which consists of all its direct costs for the pier facilities which includes but not limited to, financial costs, maintenance costs and tax as well as indirect costs directly used for the pier facilities and the services as agreed by the parties. CBNC shall pay to RTN in US\$, as a part of such financial costs, the amounts to be paid by RTN to SMM such as interests and loan repayments pursuant to the Omnibus Agreement made and entered into by and between RTN and SMM. The agreement shall continue for 25 years after November 25, 2002 unless terminated earlier.

#### Memorandum of Understanding (MOU)

On September 14, 2009, the Parent Company and TMC entered into a MOU with SMM. Pursuant to the terms thereof, the Parent Company and SMM will move ahead on a joint venture basis to build a nickel-cobalt processing plant (the Project) using the HPAL technology to be located within the TMC's mine in Surigao del Norte, while TMC will supply low-grade nickel ore to the plant over the life of the Project. The estimated cost of the Project is US\$1,420.0 million, which further increased to US\$1,633.0 million, over a three-year construction period, which started in the last quarter of 2010. The plant will have an annual capacity of 51,000 dry metric tons of mixed nickel - cobalt sulfide over an estimated 30-year project life. The MOU provides that the equity share of the Parent Company and SMM shall be 20%-25% and 75%-80%, respectively.

Following the MOU is the Taganito HPAL Stockholders Agreement (the Agreement) entered into by the Parent Company, SMM and Mitsui, on September 15, 2010 stating that the Project will be undertaken by THNC, a company that will be jointly owned by the Parent Company, SMM and Mitsui with equity interest of 22.5%, 62.5% and 15.0%, respectively. Pursuant to the Agreement, SMM granted THNC a non-exclusive license of technology owned by SMM to produce the products and has undertaken to provide technical assistance to THNC. The Parent Company has undertaken to cause TMC to supply THNC with nickel ore and limestone and to further cause TMC to make available to THNC the use of the land and infrastructure necessary for the production of the products while Mitsui shall assist THNC in procuring materials and equipment necessary for the mine's operations.

It also sets forth the respective rights and obligations of the Parent Company, SMM and Mitsui, including their responsibilities in respect of financing the US\$1,420.0 million, which further increased to US\$1,633.0 million, project investment that will be undertaken by THNC.

The Agreement shall terminate upon the dissolution of THNC.

On November 20, 2012, the Parent Company, SMM and Mitsui made additional investment of US\$287.2 million in the form of loans to THNC. SMM had agreed to substitute for the Parent Company to make these loans for which the Parent Company pays guarantee service fee.

On August 4, 2014 and October 4, 2013, the Parent Company, SMM and Mitsui agreed to extend another loans to THNC amounting to US\$117.7 million to cover the latter's working capital requirement and US\$90.0 million for the construction of the tailings dam, respectively.

On February 15, 2016 and November 9, 2015, another loan in the amount of US\$65.0 million and US\$120.0 million, respectively, was extended by the stockholders to THNC to cover for the latter's working capital requirements.

### Loan Guarantee/Substitution Agreement

RTN

Under a loan guarantee service agreement dated October 22, 2002 between RTN and SMM, the latter agreed to satisfy RTN's CBNC loan obligations in consideration of the payment by RTN to SMM of an annual fee equal to one percent (1%) of the relevant outstanding amount.

The fee is payable every February 21 and August 20 of each year. In case of default, such loan guarantee service agreement will be terminated and RTN shall provide loans to CBNC or guarantee the repayment of CBNC's loans payable. Failure to provide such loans or guarantee shall be considered a default under the CBNC Stockholder Agreement.

#### NAC

Under a loan guarantee/substitution agreement dated December 9, 2011 between the Parent Company and SMM, the latter agreed to substitute for the Parent Company to make loans or guarantee the repayment of THNC pursuant to the Stockholders Agreement dated September 15, 2010.

In consideration of the loans and guarantee made by SMM, the Parent Company shall pay to SMM an annual fee equal to one percent (1%) of the relevant outstanding amount, which is payable every February 21 and August 21 of each year.

On January 26, 2015, December 18 and December 3, 2013, the Parent Company and SMM entered into another loan guarantee/substitution agreement with respect to the new loan agreement made and entered by THNC and SMM on August 4, 2014, December 3 and January 31, 2013, respectively. The annual fee is also equal to 1% of the relevant outstanding amount, which is payable every March 21 and September 21 of each year.

In case of default, such loan guarantee/substitution agreements will be terminated and the Parent Company shall provide loans to THNC or guarantee the repayment of THNC's loans payable. Failure to provide such loans or guarantee shall be considered a default under the Stockholders' Agreement.

# **Lease Agreement with THNC**

On October 31, 2013, TMC and THNC executed a lease agreement wherein TMC will lease the land within the TSEZ to the lessee. The TSEZ leased area of approximately 675 hectares is located at Barangays Taganito and Hayanggabon, Claver, Surigao del Norte. The duration of the lease agreement shall be for a period of 20 years starting January 1, 2013, however, rental rate shall be annually agreed by both parties.

#### Loan Agreement with EPI

On August 22, 2014, the Parent Company and EPI executed a loan agreement amounting to \$\text{\text{\$\text{\text{\$\geq}}}}\$551.0 million which was drawn in two (2) tranches. The first and second tranche of the loans amounted to \$\text{\$\text{\$\geq}}\$105.0 million and \$\text{\$\geq}\$446.0 million, respectively.

The proceeds of the first tranche loan shall be used by EPI to fund the activities preparatory to drilling and for the drilling of the initial two (2) wells under the Montelago Geothermal Project, while the second tranche loan shall be used to fund the drilling costs and related activities (to include slim or other test holes) on the said initial two (2) wells.

At the option of the Parent Company, the entire second tranche loan, and not any smaller portion thereof, may be converted into shares of stock of EPI constituting fifty five percent (55%) of its total issued and outstanding shares, at any time before the lapse of three hundred sixty five (365) days after drawdown of the entire second tranche loan.

The loan is subject to 2% interest per annum. The first tranche of the loan is payable one year after the first drawdown on the first tranche loan or upon sale of EPI's entire shareholdings in Occidental Mindoro Consolidated Power Corporation (OMCP), whichever is earlier. The second tranche loan is payable one year after the first drawdown on the second tranche loan unless the conversion right is exercised.

For and to secure the loan and the notes covering the same, EPI executed and delivered a Pledge Agreement covering its shares of stock in OMCP consisting of one hundred percent (100%) of OMCP's issued and outstanding shares.

In 2014, the first tranche loan amounting to \$\text{\text{\$\text{\$\text{\$\text{\$}}}}}\$105.0 million and forty percent (40%) of the second tranche loan amounting to \$\text{\$\text{\$\text{\$\text{\$\text{\$}}}}\$178.4 million were already released to EPI. The remaining sixty percent (60%) of the second tranche loan amounting to \$\text{\$

On April 15, 2015, the Parent Company expressed its intention to exercise its conversion right and to convert the entire second tranche loan of \$\frac{\text{P4}}{46.0}\$ million to 55% equity interest in EPI, which is equivalent to 312,888,889 common shares, subject to the SEC's approval of the increase in authorized capital stock of EPI.

On July 16, 2015, the Parent Company subscribed to an additional 11% equity interest in EPI, which is equivalent to 184,052,288 common shares, for a total consideration of £474.0 million, subject also to the approval of EPI's increase in authorized capital stock.

The increase in EPI's authorized capital stock was approved by the SEC on July 28, 2015 and the corresponding shares were subsequently issued to the Parent Company.

The first tranche loan, including interest, was paid by EPI in August 2015.

#### Loan with Manta Equities Inc. (Manta)

On June 8, 2015, EPI entered into a one year loan agreement with Manta amounting to £180.0 million to finance the development expenses of EPI's geothermal power project. The loan bears an annual interest of five percent (5%). The principal and interest is payable at the end of the loan agreement.

#### Lease Agreement with Manta

On March 18, 2013, the Group entered into a lease agreement with Manta for its office and parking space. The lease agreement is effective for a period of five (5) years starting May 15, 2013 and is renewable subject to negotiation of the terms and conditions and mutual agreement of both parties.

Notes 34 and 39 of the Notes to Consolidated Financial Statements of the Exhibits in Part V is incorporated hereto by reference.

# PART IV – DISCUSSION ON COMPLIANCE WITH LEADING PRACTICE ON CORPORATE GOVERNANCE

# Item 13. ANNUAL CORPORATE GOVERNANCE REPORT

See the accompanying Annual Corporate Governance Report.

# **PART V – EXHIBITS AND SCHEDULES**

# Item 14. EXHIBITS AND REPORTS ON SEC FORM 17-C

#### **Fxhihits**

See accompanying Index to Exhibits as well as the Company's Audited Financial Statements for the recently completed fiscal year. These financial statements are reports from the Corporation's Independent Public Accountant, SGV & Co.

# Reports on SEC Form 17-C

The Parent Company filed the following reports on SEC Form 17-C during the year 2015.

Items Reported	Date Reported
Appointment of New Officers: Augusto C. Villaluna, Vice President for Operations	
and Gerardo Ignacio B. Ongkingco, Vice President for Human Resources	January 13, 2015
2014 Annual Summary Report on the Application of the Proceeds from the Initial	
Public Offering (IPO)	January 23, 2015
Declaration of Regular and Special Cash Dividends.	March 27, 2015
Retirement of NIKL's Senior Vice President for Operations and Chief Operations	
Officer, Jose S. Saret, and the Appointment of his replacement, Jose B. Anievas	March 27, 2015
Adoption of the Nickel Asia Corporation Retirement Plan	March 27, 2015
NAC to purchase up to 100% of Geogen Corporation and at least 10% of NiHao	
Mineral Resources International, Inc.	April 8, 2015
2015 First Quarter Progress Report on the Application of the Proceeds from	
the IPO	April 10, 2015
Press Release: "Nickel Asia's Q1'15 Shipment Volume Increases by 95% In Value"	April 15, 2015
Notice of Annual Stockholders Meeting	April 20, 2015
Press Release: Q1 2015 Financial and Operating Results	May 5, 2015
Creation of NIKL's Risk Committee	May 5, 2015
Conversion of the P446 million loan and an additional investment of about P474	May 7, 2015
million for an initial ownership of 55% Emerging Power, Inc. (EPI)	
Results of NIKL's Annual Stockholders' Meeting	June 5, 2015
Results of the Organizational Meeting of the Board of Directors	June 5, 2015
Amendment of the Articles of Incorporation to Increase the Authorized Capital	June 5, 2015
Stock	
Declaration of 100% Stock Dividends	June 5, 2015
2015 Second Quarter Progress Report on the Application of the Proceeds from	July 9, 2015
the IPO	
Press Release: 1H 2015 Shipment Volume and Value	July 13, 2015
Press Release: NAC Approves a Guarantee Facility for EPI	July 13, 2015
Press Release: NIKL to guarantee a ₽3.0 billion loan facility for EPI partly for its	July 14, 2015
acquisition of Biliran Geothermal Incorporated	
Press Release: NIKL to guarantee a ₽3.0 billion loan facility for EPI partly for its	July 14, 2015
acquisition of Jobin-SQM, Inc.	
Press Release: Clarification of news report to BusinessWorld Online entitled	August 3, 2015
"PHL to Mine Nickel until Year End with El Nino Help"	
Press Release: 1H 2015 Financial and Operating Results	August 4, 2015
Acquisition of 100% of Geogen Corporation	August 5, 2015

Items Reported	Date Reported
Conversion of the ₱446 million loan into equity in EPI and an investment of ₱237	August 5, 2015
million as part of the approved ₽474 million additional investment for a total 66%	
equity ownership in EPI.	
Acquisition of 10% of NiHao Mineral Resources International, Inc.	August 19, 2015
2015 Third Quarter Progress Report on the Application of the Proceeds from	October 8, 2015
the IPO	
Press Release : Q3 2015 Shipment Volume	October 13, 2015
Press Release: Clarification of Incident at Isabela Project	October 30, 2015
Press Release: Q3 2015 Financial and Operating Results	November 9, 2015

# **SIGNATURES**

Pursuant to the requirements of Section 17 of the Code and Section 141 of the Corporation Code, this report is ehalf of the Issuer by the undersigned, thereunto duly authorized, in the City of Taguig on 2016.

By:

GERARD H. BRING

President and Chief Executive Officer

**EMMANUEL L. SAMSON** Senior Vice President and Chief Financial Officer

Senior Vice President and Chief Operating Officer

Corporate Secretary

Dryan h Paelillo IRYAN JEAN U. PADILLO Senior Finance Manager

APR 0 4 2015 s \_\_\_\_\_\_, 2016 affiant (s) exhibiting to me Subscribed and sworn to before me this his/their PassportsNumber, as follows:

Names	Passport No.	Date of Issue	Place of Issue
Gerard H. Brimo	EB6938052	12/12/2012	Manila
Emmanuel L. Samson	EB6948468	12/13/2012	Manila
Jose B. Anievas	EB7886029	04/16/2013	Manila
Barbara Anne C. Migallos	EC0356963	02/20/2014	Manila
Iryan Jean U. Padillo	EC1477706	06/25/2014	Manila

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RYANKENE C. JORNADA

Apportment No. 224 (2015-2016)
Notac Public for and in the Cities of Pasig,
Taguig and San Juan and the Municipality of Pateros,
Metro Manila, Unji December 31, 2016
For No. 58552
PTR No. 4-286453/28 January 2016/Taguig City
IBP No. 1965396/21 January 2016/Quezon City
MCLE Compliance No. IV – 0013254, 5 March 2013
28F NAC TOWER, 32 NO STREET, BGC, TAGUIG CITY

# **NICKEL ASIA CORPORATION**

#### SEC FORM 17-A

# INDEX TO FINANCIAL STATEMENTS AND SUPPLEMENTARY SCHEDULES

#### ANNUAL CORPORATE GOVERNANCE REPORT

#### **CONSOLIDATED FINANCIAL STATEMENTS**

Statement of Management's Responsibility for Financial Statements

Independent Auditors' Report

Consolidated Statements of Financial Position as at December 31, 2015 and 2014

Consolidated Statements of Income for the years ended December 31, 2015, 2014 and 2013

Consolidated Statements of Comprehensive Income for the years ended December 31, 2015, 2014 and 2013

Consolidated Statements of Changes in Equity for the years ended December 31, 2015, 2014 and 2013

Consolidated Statements of Cash Flows for the years ended December 31, 2015, 2014 and 2013

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Independent Auditor's Report on Supplementary Schedules

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- D. Intangible Assets Other Assets
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Schedule V: Schedule Showing Financial Soundness

# SECURITIES AND EXCHANGE COMMISSION

# SEC FORM - ACGR

# ANNUAL CORPORATE GOVERNANCE REPORT

# **GENERAL INSTRUCTIONS**



# (A) Use of Form ACGR

This SEC Form shall be used to meet the requirements of the Revised Code of Corporate Governance.

# (B) Preparation of Report

These general instructions are not to be filed with the report. The instructions to the various captions of the form shall not be omitted from the report as filed. The report shall contain the numbers and captions of all items. If any item is inapplicable or the answer thereto is in the *negative*, an appropriate statement to that effect shall be made. Provide an explanation on why the item does not apply to the company or on how the company's practice differs from the Code.

# (C) Signature and Filing of the Report

- A. Three (3) complete sets of the report shall be filed with the Main Office of the Commission.
- B. At least one complete copy of the report filed with the Commission shall be **manually** signed.
- C. All reports shall comply with the full disclosure requirements of the Securities Regulation Code.
- D. This report is required to be filed annually together with the company's annual report.

# (D) Filing an Amendment

Any material change in the facts set forth in the report occurring within the year shall be reported through SEC Form 17-C. The cover page for the SEC Form 17-C shall indicate "Amendment to the ACGR".

# **SECURITIES AND EXCHANGE COMMISSION**

# SEC FORM – ACGR

# ANNUAL CORPORATE GOVERNANCE REPORT

1.	Report is Filed for the Year	2015
2.	Exact Name of Registrant as specified in its Charter	NICKEL ASIA CORPORATION
3.	Address of Principal Office	28th Floor NAC Tower, 32nd Street Bonifacio Global City, Taguig City
4.	Postal Code	1634
5.	SEC Identification Number	CS200811530
6.	Industry Classification Code	(SEC Use Only)
7.	BIR Tax Identification Number	007-085-191
8.	Issuer's Telephone number, including area code	+632 8926669 / +632 7987622
9.	Former name or former address, if changed from the last report	Not Applicable

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## A. BOARD MATTERS

## 1) Board of Directors

Number of Directors per Articles of Incorporation	Five (5)
Actual number of Directors for the year	Nine (9)

## (a) Composition of the Board

Complete the table with information on the Board of Directors:

Director's Name	Type [Executive (ED), Non- Executive (NED) or Independent Director (ID)]	If nominee, identify the principal	Nominator in the last election (if ID, state the relationship with the nominator)	Date first Elected	Date last elected (if ID, state the number of years served as ID)	Elected when (Annual /Special Meeting)	No. of years served as director
Manuel B. Zamora, Jr.	ED	N/A	N/A	11 July 2008	05 June 2015	Annual	7 years and 5 months
Philip T. Ang	ED	N/A	N/A	11 July 2008	05 June 2015	Annual	7 years and 5 months
Luis J. L. Virata	NED	N/A	N/A	11 July 2008	05 June 2015	Annual	7 years and 5 months
Gerard H. Brimo	ED	N/A	N/A	01 August 2009	05 June 2015	Annual	6 years and 5 months
Martin Antonio G. Zamora	ED	N/A	N/A	30 July 2013	05 June 2015	Annual	2 years and 5 months
Takanori Fujimura	NED	Sumitomo Metal Mining Philippine Holdings, Inc.	N/A	20 September 2010	05 June 2015	Annual	5 years and 3 months
Takeshi Kubota	NED	Sumitomo Metal Mining Philippine Holdings, Inc.	N/A	20 September 2010	05 June 2015	Annual	5 years and 3 months
Fulgencio S. Factoran, Jr.	ID	N/A	Philip T. Ang	20 September 2010	05 June 2015	Annual	5 years and 3 months
Frederick Y. Dy	ID	N/A	Manuel B. Zamora, Jr.	24 September 2010	05 June 2015	Annual	5 years and 3 months

(b) Provide a brief summary of the corporate governance policy that the board of directors has adopted. Please emphasize the policy/ies relative to the treatment of all shareholders, respect for the rights of minority shareholders and of other stakeholders, disclosure duties, and board responsibilities.

The Company adopted its Manual on Corporate Governance (the "Manual") on June 16, 2010 and the amendments thereto on March 25, 2011, so as to incorporate certain mandatory provisions of the Revised Code of Corporate Governance. The Amended Manual was submitted to the Securities and Exchange Commission (SEC) on March 31, 2011. On July 30, 2014, the Company further amended its Manual to incorporate the provisions mandated under SEC Memorandum Circular No. 9, series of 2014 (based on Form 17-C filed on July 30, 2014).

The Company is committed to the principles of sound corporate governance and believes that it is a necessary component of what constitutes sound strategic business investment. The Manual has institutionalized the principles of good corporate governance within the Company and embodies the framework of rules, systems and processes that governs the performance of the Board of Directors (Board or BOD) and of Management of their respective duties and responsibilities to the shareholders.

The Company is taking further steps to enhance adherence to principles and practices of good governance including the designation of a Chief Risk Officer (CRO) who is the champion of enterprise risk management at the Company and oversees the entire risk management function. The risk management policy has been approved and risk officers at each operating company have also been designated.

The Company's Manual on Corporate Governance provides for qualifications of Directors, which allows shareholders to freely choose/nominate Directors coming from diverse professional backgrounds. Every shareholder, regardless of number of stocks held, has the right to nominate candidates for election to the BOD.

All Directors of the Company are required to have a practical understanding of the business of the Company as provided in the Company's Manual on Corporate Governance. The members of the Board are elected during the Annual Stockholders' Meeting based on the list of nominees prepared by the Nominations Committee and sent to the shareholders through the notice of meeting. A majority vote of the shareholders is required for the election of a Director.

The Company's Board is comprised of nine (9) Directors, with two (2) being Independent Directors, namely Atty. Fulgencio S. Factoran, Jr. and Mr. Frederick Y. Dy.

The Company espouses the definition of independence pursuant to the Securities Regulation Code. The Company thus considers as an independent Director one who, except for his director's fees and shareholdings, is independent of management and free from any business or other relationship which, or could reasonably be perceived to, materially interfere with his exercise of independent judgment in carrying out his responsibilities as a Director. The term of the Company's Independent Directors is the same as that of the other Directors of the Company, which is one (1) year as provided in the Company's Articles of Incorporation.

The Board is primarily responsible for the governance of the Company and shall provide the policies for the accomplishment of the corporate objectives, including the means by which to effectively monitor Management's performance. It is the Board's responsibility to foster the long-term success of the Company and to sustain its competitiveness and profitability in a manner consistent with its corporate objectives and the best interest of its stockholders and other stakeholders.

As provided in Section 6 of the Manual on Corporate Governance, the Board shall respect the rights of the stockholders and protect the minority stockholders' interest. The following are the rights of the stockholders as provided in the Corporation Code:

(1) Right to vote on all matters that require their consent or approval;

- (2) Pre-emptive right to all stock issuances of the corporation;
- (3) Right to inspect corporate books and records;
- (4) Right to information;
- (5) Right to dividends; and
- (6) Appraisal right.

The Company sends timely notice of meetings to shareholders. Notice stating the date, time and place of the annual meeting are announced at least thirty (30) days prior to the scheduled annual meeting. Materials for the meeting, including the agenda, the rationale and explanation for each of the items on the agenda, the Information Statement, profiles of candidates seeking election to the Board and proxy forms and documents required to enable a shareholder to appoint a proxy to vote on his behalf shall be disseminated to all shareholders within the periods prescribed by the SEC.

The Board shall be transparent and fair in the conduct of the annual and special stockholders' meetings. Stockholders shall be encouraged to personally attend. They shall be apprised in a timely manner of the right to appoint a proxy if they cannot attend. Subject to the requirements of the Company's By-laws, the exercise of the right to appoint a proxy shall not be unduly restricted and any doubt about the validity of a proxy shall be resolved in the stockholder's favor.

The Board shall promote the rights of the stockholders, remove impediments to the exercise of those rights, and provide adequate venue for stockholders to seek timely redress for breach of their rights.

The Board shall take appropriate steps to remove excessive or unnecessary costs and other administrative impediments to the stockholders' meaningful participation in meetings, whether in person or by proxy. Accurate and timely information shall be made available to the stockholders to enable them to make a sound judgment on all matters brought to their attention for consideration or approval.

The disclosure duties of the Board are contained in Section 8 of the Manual on Corporate Governance and are as follows:

The Board commits to cause the timely disclosure of material information and/or transactions that could potentially affect the market price of the Company's shares or the interest of its stockholders and other stakeholders and such other information which are required to be disclosed pursuant to the Securities Regulation Code and its Implementing Rules and Regulations including, without limitation, earnings results, acquisition or disposal of significant assets, off-balance sheet transactions, related party transactions, Board membership changes, shareholding of Directors and Officers and any changes thereto, and remuneration of Directors and Officers.

The Board shall therefore commit at all times to full disclosure of material information dealings. It shall cause the filing of all required information through the appropriate Exchange mechanisms for listed companies and submissions to the Commission for the interest of its stockholders and other stakeholders.

## **BOARD COMMITTEES**

The Board has constituted the following Committees and appointed the named Officers to effectively manage the operations of the Company:

### **AUDIT COMMITTEE**

Aside from overseeing the internal and external auditors of the Company, the Audit Committee is responsible for assisting the Board in its fiduciary responsibilities by providing an independent and objective assurance to the Management and shareholders of the continuous improvement of the risk management systems, business operations, and the proper safeguarding and use of Company resources and assets. The Audit Committee provides a general evaluation and assistance in the overall improvement of the risk management, control and governance processes.

The Audit Committee is comprised of:

- Frederick Y. Dy, Chairman
- · Gerard H. Brimo Member
- Takanori Fujimura Member

The Audit Committee reports to the Board and is required to meet at least once every three months.

The Board, upon the recommendation of the Audit Committee, appointed Ma. Angela G. Villamor, as the Company's Internal Auditor, who assumed office last April 1, 2011. The Internal Auditor reports directly to the Audit Committee and shall be primarily tasked with monitoring the adequacy and effectiveness of the Company's governance, operations, and information systems, including the reliability and integrity of financial and operational information, the effectiveness of operations, the safeguarding of assets, and compliance with laws, rules, regulations, and contracts.

#### NOMINATION COMMITTEE

The Nomination Committee is responsible for providing shareholders with an independent and objective evaluation of and assurance that the members of the Board are competent and will foster the Company's long-term success and secure its competitiveness.

The Nomination Committee is comprised of:

- Manuel B. Zamora, Jr. Chairman
- Takeshi Kubota Member
- Fulgencio S. Factoran, Jr. Member

The Nomination Committee reports directly to the Board and is required to meet at least twice a year.

The Nominations Committee held their meeting once in 2015 wherein all of them were present.

## **REMUNERATION (COMPENSATION) COMMITTEE**

The Remuneration (Compensation) Committee is responsible for the establishment of a formal and transparent procedure for developing policy on remuneration of Directors and Officers to ensure that their compensation is consistent with the Company's culture, strategy and the business environment in which it operates.

The Remuneration (Compensation) Committee is comprised of:

- Manuel B. Zamora, Jr. Chairman
- Gerard H. Brimo Member
- Frederick Y. Dy Member

The Remuneration (Compensation) Committee reports directly to the Board and is required to meet at least twice a year.

All of the members of the Remuneration (Compensation) Committee met twice in 2015.

### **RISK COMMITTEE**

In a meeting on May 5, 2015, the Board approved the creation of a board-level Risk Committee as reported in SEC 17-C Form filed on the same day.

The Risk Committee assists the Board in its oversight responsibility for the Company's Enterprise Risk Management, and shall review the effectiveness of the risk management system and commenting on its adequacy.

The Risk Committee is comprised of:

- Frederick Y. Dy, Chairman
- Gerard H. Brimo Member
- Takanori Fujimura Member

The Risk Committee reports to the Board and is required to meet at least once every three months.

#### **CORPORATE SECRETARY**

Atty. Barbara Anne C. Migallos is the incumbent and duly qualified Corporate Secretary of the Company. She is currently fulfilling the duties and responsibilities of her office, ensuring that all Board procedures, rules and regulations are strictly followed. The Corporate Secretary is a lawyer with years of experience in corporate law practice, including corporate secretarial work. She is also a professorial lecturer in advanced securities regulation.

### **COMPLIANCE OFFICER**

Atty. Jose Roderick F. Fernando, aside from being designated as the Assistant Corporate Secretary of the Company, has likewise been appointed by the Board as the Compliance Officer, to monitor compliance by the Company with the Manual and the rules and regulations of regulatory agencies. He ensures the Company's strict adherence to all laws, regulations, guidelines and specifications relevant to the business.

#### **CORPORATE GOVERNANCE OFFICER**

On May 6, 2014, the Board approved the appointment of Emmanuel L. Samson as the Company's Corporate Governance Officer to assess and monitor the governance framework and ensure compliance with policies, laws and regulations related to governance. He is tasked with ensuring that corporate governance policies are disseminated, adopted throughout the organization and become an integral part of the Company's culture. In addition, he also ensures that the necessary systems are in place to monitor compliance.

On May 28, 2014, the Board established a Code of Business Conduct and Ethics (Code). The Code is adopted for the guidance of Directors, Officers and Employees of Nickel Asia Corporation and its subsidiaries who are all expected to maintain high ethical standards of conduct and to comply fully with applicable laws and governmental regulations. The Code is designed to ensure consistency in how Directors, Officers and Employees conduct themselves within the Company, and in their dealings outside of the Company with respect to matters dealing with the Company. The Code is guided by the Company's core values and the following standards of business conduct and ethics - integrity; compliance with laws, regulations and standards; safety; proper communication: disclosure; confidentiality of certain information; conflict of interest and related party transactions; insider trading; competition and fair dealing: procurement governance; gifts, hospitality and sponsored travel; environmental policy; and risk management. The Code also provides guides on employee disclosures and complaints, as well as a periodic acknowledgment of compliance with the Code (Form 17-C filed on May 6, 2014).

On March 27, 2015, in line with the thrust of continuous improvement, the Board of Directors approved the following corporate governance policies and charters:

- 1. Policy on period for payment of dividends
- 2. Policy in furtherance of effective participation of shareholders at shareholders' meetings and the exercise of the right to vote. This formalizes into a policy practices for stockholders' meeting that are already done by the Company.
- 3. Policy on Related Party Transactions that follows definitions under Philippine Accounting Standards, which the Company already complies with, definition of material related party transactions, and review of material related party transactions by independent directors, for endorsement to BOD.
- 4. Policy requiring appointment of independent 3rd party to evaluate fairness of transaction price where Company is offeree in a merger or acquisition transaction requiring shareholders' approval that will result in a takeover or change of control of the Company.
- 5. Charter of the Compensation (Remuneration) Committee
- 6. Charter of the Nominations Committee

## (c) How often does the Board review and approve the vision and mission?

Nickel Asia's Mission, Vision and Core Values are formulated by the Board in line with the Board's responsibility to set the Company's direction and to provide strategic leadership, policies and guidelines to foster the long-term success of the corporation for the best interests of its shareholders. The Company's Mission, Vision and Core Values are reviewed by the Board annually. The Board reviewed the Mission, Vision and Core Values of the Company in May 2015 and will undertake the annual review in 2016.

## (d) Directorship in Other Companies

## (i) Directorship in the Company's Group<sup>2</sup>

Identify, as and if applicable, the members of the Company's Board of Directors who hold the office of director in other companies within its Group:

Director's Name	Corporate Name of the Group Company	Type of Directorship (Executive, Non-Executive, Independent). Indicate if director is also the Chairman.	
Manuel B. Zamora, Jr.	<ul> <li>Cordillera Exploration Company, Inc.</li> <li>Taganito Mining Corporation</li> <li>Rio Tuba Nickel Mining Corporation</li> <li>Cagdianao Mining Corporation</li> <li>Hinatuan Mining Corporation</li> <li>La Costa Shipping and Lighterage Corporation</li> <li>Samar Nickel Mining Resources Corporation</li> </ul>	<ul> <li>Chairman</li> <li>Chairman</li> <li>Non-executive</li> <li>Non-executive</li> <li>Non-executive</li> <li>Non-executive</li> </ul>	
Philip T. Ang	Emerging Power Inc.     Cordillera Exploration Company, Inc.     Taganito Mining Corporation     Cagdianao Mining Corporation     Hinatuan Mining Corporation     La Costa Shipping and Lighterage Corporation     Samar Nickel Mining Resources Corporation     Geogen Corporation     Emerging Power Inc.	Non-executive     Non-executive     Executive     Non-executive     Chairman     Executive      Non-executive	
Gerard H. Brimo	<ul> <li>Taganito Mining Corporation</li> <li>Cordillera Exploration Company, Inc.</li> <li>Rio Tuba Nickel Mining Corporation</li> <li>Cagdianao Mining Corporation</li> <li>Hinatuan Mining Corporation</li> <li>La Costa Shipping and Lighterage Corporation</li> <li>Samar Nickel Mining Resources Corporation</li> <li>Geogen Corporation</li> <li>Emerging Power Inc.</li> </ul>	Executive     Executive     Executive     Executive     Executive     Executive     Chairman     Chairman     Chairman	

<sup>&</sup>lt;sup>2</sup> The Group is composed of the parent, subsidiaries, associates and joint ventures of the company.

-

Martin Antonio G. Zamora	Taganito Mining Corporation	Non-executive
	<ul> <li>Cordillera Exploration Company, Inc.</li> </ul>	Non-executive
	Rio Tuba Nickel Mining Corporation	Executive
	Cagdianao Mining Corporation	Non-executive
	Hinatuan Mining Corporation	Non-executive
	La Costa Shipping and Lighterage	Non-executive
	Corporation	
	Samar Nickel Mining Resources	Executive
	Corporation	
	Geogen Corporation	Executive
	Emerging Power Inc.	Executive
Takanori Fujimura	Cordillera Exploration Company, Inc.	Non-executive
Luis J. L. Virata	Rio Tuba Nickel Mining Corporation	Non-executive

### (ii) Directorship in Other Listed Companies

Identify, as and if applicable, the members of the company's Board of Directors who are also directors of publicly-listed companies outside of its Group:

Director's Name	Name of Listed Company	Type of Directorship (Executive, Non-Executive, Independent). Indicate if director is also the Chairman.
Luis J. L. Virata	Benguet Mining Corporation	Non-executive
Fulgencio S. Factoran, Jr.	<ul> <li>Atlas Consolidated Mining &amp; Development Corporation</li> <li>BDO Leasing &amp; Finance</li> </ul>	Independent
Frederick Y. Dy	Security Bank Corporation	Non-executive
Philip T. Ang	Security Bank Corporation	Non-executive

## (iii) Relationship within the Company and its Group

Provide details, as and if applicable, of any relation among the members of the Board of Directors, which links them to significant shareholders in the company and/or in its group:

Director's Name	Name of the Significant Shareholder	Description of the relationship
Martin Antonio G. Zamora	Manuel B. Zamora, Jr.	Son

(iv) Has the company set a limit on the number of board seats in other companies (publicly listed, ordinary and companies with secondary license) that an individual director or CEO may hold simultaneously? In particular, is the limit of five board seats in other publicly listed companies imposed and observed? If yes, briefly describe other guidelines:

The Company has not set any limit on the number of board seats in other companies that its director may hold. The Board shall adopt guidelines on the number of directorships that its members can hold in other corporations or entities. The optimum number shall take into consideration the capacity of a Director to diligently and efficiently perform his duties and responsibilities as a Director of the Company. The Chief Executive Officer (CEO) and other executive directors may be covered by a lower indicative limit. Independent or non-executive Directors who at the same time serve as full-time executives in other corporations may be subject to a similar limit. In every case, the capacity to diligently and efficiently perform duties and responsibilities as Directors of the Company shall not be compromised (see Sections 3.2.1 and 3.2.2 of the Manual on Corporate Governance).

(e) Shareholding in the Company<sup>3</sup>

Complete the following table on the members of the Company's Board of Directors who directly and indirectly own shares in the company:

Name of Director	Number of Direct shares	Number of Indirect shares / Through (name of record owner)	% of Capital Stock
Manuel B. Zamora, Jr.	5,982,236	238,528/through PCD Nominee Corp. 1,944,768,138/through Mantra Resources Corporation	25.68%
Gerard H. Brimo	10,434,374	2,239,500/through PCD Nominee Corp.	00.17%
Martin Antonio G. Zamora	300	8,706/through PCD Nominee Corp.	00.00%
Philip T. Ang	1,616,724	147,036/through PCD Nominee Corp. 1,016,731,328/through Ni Capital Corporation	13.40%
Luis J. L. Virata	400	970,838,016/ through PCD Nominee Corp. and Nonillion Holding Corp.	12.78%
Fulgencio S. Factoran Jr.	842	0	00.00%
Frederick Y. Dy	842	0	00.00%
Takanori Fujimura	1,124	0	00.00%
Takeshi Kubota	1,124	0	00.00%
TOTAL	18,037,966	3,934,971,252	52.03%

## 2) Chairman and CEO

(a)	Do different persons assume the role of Chairman of the Board of Directors and CEO? If no, describe
	the checks and balances laid down to ensure that the Board gets the benefit of independent views.

Yes	Х	No	

Identify the Chair and CEO:

Chairman of the Board	Manuel B. Zamora, Jr.
CEO/President	Gerard H. Brimo

The Company's Chairman and CEO are held separately by unrelated individuals.

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 $<sup>^{3}</sup>$  As of December 31, 2015.

## (b) Roles, Accountabilities and Deliverables

Define and clarify the roles, accountabilities and deliverables of the Chairman and CEO.

The following are the duties and responsibilities of the Chairman and the CEO as provided in the Company's Manual on Corporate Governance:

	CHAIRMAN	CHIEF EXECUTIVE OFFICER
Role	The Chairman is responsible for leadership of the Board. He ensures effective operation of the Board and its committees in conformity with the highest standards of corporate governance. He sets the style and tone of Board discussions to promote constructive debate and effective decision making.  Maintaining qualitative and timely lines of communication and information between the Board and Management. (see Section 3.3.3 of the Revised Manual on Corporate Governance).	The President and CEO provide the leadership for Management to develop and implement sound business strategies, plans, budgets and a system of internal controls. Ensures that the overall business and affairs of the Company are managed in a sound and prudent manner and that business risks are identified and properly addressed. As such, he is considered the Chief Risk Officer of the Company.  Ensures that operational, financial and internal controls are adequate and effective in order to generate sound and reliable financial and operational information, to maximize the effectiveness and efficiency of operations, to safeguard Company assets and resources, and to comply with all laws, rules, regulations and contracts.  Provide general management and administration of the business of the Company.
Accountabilities	He is accountable to the Board and acts as direct liaison between the Board and Management of the Company, through the CEO. He ensures that the Board works effectively and sets an agenda which is focused on strategy, performance and accountability, while taking into consideration recommendations of the Directors, CEO and Management. Together with the other board members, is primarily responsible in fostering the long-term success of the Company, sustaining its competitiveness and profitability, formulating the vision, mission, strategic objectives, policies and procedures to effectively monitor Management's performance (see Section 3.6.1 of the Revised Manual on Corporate	The President and CEO, with the assistance of the rest of the Company's Management, also has the responsibility to provide the Board with a balanced, understandable and accurate account of the Company's performance, financial condition, results of operations, and prospects, on a regular basis.  Maintenance of adequate internal controls and management systems to ensure that material factors are made available to Management and the Board for making informed judgment, effective risk management process; and maintenance of the highest

	Governance).	standards of corporate and social responsibility wherever the Company does business and with all its stakeholders.
		Developing and implementing high- level strategies;
		Making major corporate decisions;
		Managing the overall operations and resources of the company; and
Deliverables		Acting as the main point of communication between the board of directors and the corporate operations.
		Submit to the Board as soon as possible after each quarter end and to the shareholders at year end the results of operations and financial condition of the Company;
		Report matters which would require Board attention; and
		Other responsibilities that the Board may impose.

3) Explain how the board of directors plan for the succession of the CEO/Managing Director/President and the top key management positions?

The Nomination Committee of the Board prepares the succession plan for the CEO and top key management positions which require appointment by the Board. The plan includes assignment of responsibilities to all parties involved in the process, identifying triggers for the succession plan to commence, development of selection criteria for internal and external candidates, assessment methods for the candidates, defining the roles, duties and responsibilities of the position under consideration, deciding how visible to make the process, and inclusion of an emergency succession plan. In developing the selection criteria, the Committee shall consider the following factors:

- a) Level of knowledge of the Company's business;
- b) Alignment of the candidate's experience with the long-term strategic goals and the potential of it enhancing the economic value of the Company;
- c) Potential to assume greater responsibility in the organization;
- d) Ability, integrity and expertise; and
- e) Ability to bring fresh perspective to the Company.

The Board approves the succession plans for the President and CEO and the top key management positions based on the recommendations of the Nomination Committee and other factors that the Board may deem proper and relevant.

#### 4) Other Executive, Non-Executive and Independent Directors

Does the company have a policy of ensuring diversity of experience and background of directors in the board? Please explain.

The Company's Manual on Corporate Governance provides for qualifications of Directors, which are the following:

- a) College education or equivalent academic degree;
- b) Practical understanding of the business of the Company;
- c) Membership in good standing in relevant industry, business or professional organizations;
- d) Previous business experience.

The abovementioned qualifications give room for the shareholders to freely choose/nominate directors coming from diverse professional backgrounds.

Does it ensure that at least one non-executive director has an experience in the sector or industry the company belongs to? Please explain.

Yes. All directors of the Company are required to have a "practical understanding of the business of the Company" as provided in the Company's Manual on Corporate Governance.

Define and clarify the roles, accountabilities and deliverables of the Executive, Non-Executive and Independent Directors:

As provided under Section 3.6.3 of the Company's Manual on Corporate Governance, all Directors shall act in the best interest of the Company characterized by transparency, accountability and fairness, and shall exercise leadership, prudence and integrity in directing the Company towards sustained progress.

Directors shall observe the following norms of conduct:

- a) Conduct fair business transactions with the corporation, and ensure that his personal interest does not conflict with the interests of the Company.
- Devote the time and attention necessary to property and effectively perform his duties and responsibilities.
- c) Act judiciously.
- d) Exercise independent judgment.
- e) Have a working knowledge of the statutory and regulatory requirements that affect the company.
- f) Observe confidentiality.

Provide the company's definition of "independence" and describe the company's compliance to the definition.

The Company adopts the definition of "independence" under the Securities Regulations Code.

Does the company have a term limit of five consecutive years for independent directors? If after two years, the company wishes to bring back an independent director who had served for five years, does it limit the term for no more than four additional years? Please explain.

The term of the Company's independent directors is the same as that of the other directors of the Company which is one (1) year as provided in the Company's Articles of Incorporation.

- 5) Changes in the Board of Directors (Executive, Non-Executive and Independent Directors)
  - (a) Resignation/Death/Removal

Indicate any changes in the composition of the Board of Directors that happened during the period:

Name	Position	Date of Cessation	Reason
None			

(b) Selection/Appointment, Re-election, Disqualification, Removal, Reinstatement and Suspension

Describe the procedures for the selection/appointment, re-election, disqualification, removal, reinstatement and suspension of the members of the Board of Directors. Provide details of the processes adopted (including the frequency of election) and the criteria employed in each procedure:

Due se dune	Dunner Adouted	Cuitavia
Procedure	Process Adopted	Criteria
a. Selection/Appointment		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		
b. Re-appointment		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		
c. Permanent Disqualification		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		
d. Temporary Disqualification		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		
e. Removal		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		
f. Re-instatement		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		
g. Suspension		
(i) Executive Directors		
(ii) Non-Executive Directors	Please see explanation below	Please see explanation below
(iii) Independent Directors		

The members of the Board of Directors are elected during the Annual Stockholders' Meeting based on the list of nominees prepared by the Nomination Committee and send to the shareholders through the notice of meeting. A majority vote of the stockholders is required for the election of a director. In addition to the qualification for membership in the Board provided for in the Corporation Code, Securities Regulation Code and other relevant laws, the Board shall provide for additional qualifications that include, among others, the following:

- a) College education or equivalent academic degree;
- b) Practical understanding of the business of the Company;
- c) Membership in good standing in relevant industry, business or professional organizations;
- d) Previous business experience. (Section 3.4 of the Manual on Corporate Governance)

Any member of the Board of Directors may be removed from office on grounds of disqualification as provided in the Manual on Corporate Governance. The procedure in the Corporation Code is followed by the Company for this purpose. Directors may be removed through a regular or special meeting called for such purpose notices of which are duly given to the shareholders. The removal shall be approved by a vote of the shareholders representing 2/3 of the outstanding capital stock. The vacancy in the Board resulting to such removal may be filled in during the same meeting requiring the same amount of votes without need for further notice.

Any vacancy occurring in the Board other than by removal by the stockholders as abovementioned or by expiration of term may be filled by the vote of at least a majority of the remaining directors, if still constituting a quorum; otherwise, the vacancy must be filled by the stockholders at a regular or at any special meeting of stockholders called for that purpose. The directors elected to fill the vacancy shall serve only the unexpired term of his predecessor.

Disqualification of Directors is provided under 3.5 of the Manual on Corporate Governance.

The following shall be permanently disqualified to be a Director of the Company:

- a) A person convicted by final judgment or order by a competent judicial or administrative body of any crime that: (a) involves the purchase or sale of securities, as defined in the Securities Regulation Code; (b) arises out of the person's conduct as an underwriter, broker, dealer, investment adviser, principal, distributor, mutual fund dealer, futures commission merchant, commodity trading advisor, or floor broker; or (c) arises out of his fiduciary relationship with a bank, quasi-bank, trust company, investment house or as an affiliated person of any of them;
- b) A person who, by reason of misconduct, after hearing, is permanently enjoined by a final judgment or order of the Commission or a court or administrative body of competent jurisdiction from: (a) acting as underwriter, broker, dealer, investment adviser, principal distributor, mutual fund dealer, futures commission merchant, commodity trading advisor, or floor broker; (b) acting as director or officer of a bank, quasi- bank, trust company, investment house, or investment company; (c) engaging in or continuing any conduct or practice in any of the capacities mentioned in (a) and (b) above or willfully violating the laws that govern securities and banking activities.
- The disqualification shall also apply if such person is currently the subject of an order of the Commission or any court or administrative body denying, revoking, or suspending any registration, license or permit issued to him under the Corporation Code, Securities Regulation Code or any other law administered by the Securities and Exchange Commission (SEC) or the Bangko Sentral ng Pilipinas (BSP), or under any rule or regulation issued by the SEC or BSP, or has otherwise been restrained to engage in any activity involving securities and banking, or such person is currently the subject of an effective order of a self-regulatory organization suspending or expelling him from membership, participation or association with a member or participant of the organization;

- d) A person convicted by final judgment or order by a court or competent administrative body of an offense involving moral turpitude, fraud, embezzlement, theft, estafa, counterfeiting, misappropriation, forgery, bribery, false affirmation, perjury or other fraudulent acts;
- e) A person who has been adjudged by final judgment or order of the SEC, court, or competent administrative body to have willfully violated, or willfully aided, abetted, counseled, induced, or procured the violation of any provision of the Corporation Code, Securities Regulation Code, or any other law administered by the SEC or BSP, or any of its rules, regulations or orders;
- f) A person earlier elected as independent director who becomes an officer, employee or consultant of the Company;
- g) A person judicially declared as insolvent;
- h) A person found guilty by final judgment or order of a foreign court or equivalent financial regulatory authority of acts, violations or misconduct similar to any of the acts, violations or misconduct enumerated in sub-paragraphs (i) to (v) above;
- i) A person convicted by final judgment of an offence punishable by imprisonment for more than six (6) years, or a violation of the Corporation Code committed within five (5) years prior to the date of his election or appointment.
- j) The Board shall provide for the temporary disqualification of a director for any of the following reasons:
- k) Refusal to comply with the disclosure requirements of the Securities Regulation Code and its Implementing Rules and Regulations. The disqualification shall be in effect as long as the refusal persists.
- Absence in more than fifty percent (50%) of all regular and special meetings of the Board during his incumbency, or any twelve (12) month period during the said incumbency, unless the absence is due to illness, death in the immediate family or serious accident. The disqualification shall apply for purposes of the succeeding election.
- m) Dismissal or termination for cause as director of any corporation covered by the Governance Code. The disqualification shall be in effect until he has cleared himself from any involvement in the cause that gave rise to his dismissal or termination.
- n) If the beneficial equity ownership of an Independent Director in the Company or its subsidiaries and affiliates exceeds two percent of its subscribed capital stock. The disqualification shall be lifted if the limit is later complied with.
- If any of the judgments or orders cited in the grounds for permanent disqualification has not yet become final.

A temporarily disqualified director shall, within sixty (60) business days from such disqualification, take the appropriate action to remedy or correct the disqualification. If he fails or refuses to do so for unjustified reasons, the disqualification shall become permanent.

In the case of the independent directors, the Nomination Committee shall further review their business relationships and activities to ensure that they have all the qualifications and none of the disqualifications for independent directors as set forth in the Company's Manual of Corporate Governance, the Securities Regulation Code, and the SRC Implementing Rules and Regulations.

Voting Result of the last Annual General Meeting (based on Form 17-C dated June 05, 2015)

Name of Director	Votes Received
Manuel B. Zamora, Jr.	3,592,632,475 (75.77%)
Gerard H. Brimo	3,602,174,564 (76.02%)
Martin Antonio G. Zamora	3,607,747,264 (76.17%)
Philip T. Ang	3,550,333,109 (74.66%)
Luis J. Virata	3,602,859,514 (76.04%)
Takanori Fujimura	3,601,392,764 (76.00%)
Takeshi Kubota	3,592,632,475 (75.77%)
Fulgencio S. Factoran, Jr. (Independent)	3,632,639,310 (76.82%)
Frederick Y. Dy (Independent)	3,632,639,310 (76.82%)

### 6) Orientation and Education Program

(a) Disclose details of the company's orientation program for new directors, if any.

Prior to assuming office, all new Directors and Officers shall undergo orientation program on the Company's business and corporate structure, its vision, mission and corporate strategy, the By-laws and Manual of Corporate Governance, and other relevant matters essential for the effective performance of their duties and responsibilities.

The Corporate Secretary briefs each new director of the By-laws and Revised Manual of Corporate Governance, the schedule of regular meetings of the Board and Board committees, their rights, including access to information and advice, and the procedure and processes for the provision of information to them.

The CEO and the Chief Finance Officer give each new director a briefing of existing and planned investments, current strategic directions, budgets and internal controls and processes.

Prior to assuming office, each director is required to attend a seminar on corporate governance conducted by a duly recognized private or government institution.

(b) State any in-house training and external courses attended by Directors and Senior Management<sup>4</sup> for the past three (3) years:

The Company has organized a corporate governance session in 2015 and has invited experts to share their insights and interact with the Company's Board and senior management. In addition, Officers of a newly acquired subsidiary attended the SEC-PSE Corporate Governance Forum.

Attendees	Program	Date	Training Provider
Board members and			
Officers	Corporate Governance	07 August 2015	SGV, Leo Matignas
Officers of newly	SEC-PSE Corporate		SEC and PSE resource
acquired subsidiary	Governance Forum	15 October 2015	persons
Frederick Y. Dy			Institute of Corporate
	Corporate Governance	28 April 2015	Directors

<sup>&</sup>lt;sup>4</sup> Senior Management refers to the CEO and other persons having authority and responsibility for planning, directing and controlling the activities of the company.

(c) Continuing education programs for directors: programs and seminars and roundtables attended during the year.

Name of Director/Officer	Date of Training	Program	Name of Training Institution
Martin Antonio G.	2014-2016	Executive Master in Consulting	INSEAD
Zamora	2014-2010	and Coaching for Change	INSLAD

## **B.** CODE OF BUSINESS CONDUCT & ETHICS

1) Discuss briefly the company's policies on the following business conduct or ethics affecting directors, senior management and employees:

Business Conduct & Ethics	Directors	Senior Management	Employees
(a) Conflict of Interest	and Ethics (Code) approved be Conflict of Interest ensures the the duty of loyalty to the coprevail against the interests of of interest but also the appermeans that any activity that	terest Policy is included in its by the Board of Directors on Manat all Directors, Officers and Errorporate interest. Their persof the Company. It is recognized arance of conflict of interest that may compromise or seem to coror, Officer or Employee must be An Officer shall disclose a potential conflict of interest to the Board of Directors. Prior authority of the Board must be obtained before an Officer may enter into a contract or transaction involving conflict of interest as defined herein.	ay 28, 2014. The Policy on imployees are charged with onal interests should not did that it is not only conflict hat must be avoided. This ompromise the integrity of
(b) Conduct of Business and Fair Dealings	The Company's policies on business and fair dealings are included in the Code and in the supplemental policies to the Code relating to Procurement Governance: Suppliers and Purchasing, and Insider Trading. Under the policies, the Company shall maintain standards of transparency, probity, ethics and integrity; shall maximize value for money and ensure quality goods and services; shall ensure accountability, consistency and alignment in procurement practices across its various entities and business units; shall commit to fair and effective competition, innovation and continuous improvement; identify sustainable and socially responsible procurement solutions; and provide efficient processes, flexibility and support to the organization and its		

	suppliers.
	The Policy on Insider Trading provides the general guidelines and disclosure requirements on dealings of corporate insiders in shares of stocks. This policy requires all those considered as corporate insiders to report their dealings in company shares within the prescribed reporting period from the date of transaction. Corporate insiders when in possession of material non-pubic information with respect to the Company or its securities, , shall not trade in, or buy and/or sell, shares of stock and other securities of the Company.
(c) Receipt of gifts from third parties	The Company's policy on gifts, hospitality and sponsored travel is included in its Code. As a general rule, Directors, Officers or Employees, as well as Consultants shall not accept, directly or indirectly, gifts, hospitality or sponsored travel from suppliers and other parties with whom the Company has business dealings, except if the value of such gifts or hospitality is a token amount, as periodically determined by Management from time to time, or such sponsored travel is of a technical or business nature. Likewise, Directors, Officers or Employees, as well as Consultants shall not provide, directly or indirectly, gifts, hospitality or sponsored travel to any person in order to improperly influence or induce such person to give its business or benefits to the Company, its Directors, Officers, Employees and Consultants.
(d) Compliance with Laws & Regulations	<ul> <li>Under the Code, all directors, officers and employees are expected to: <ul> <li>a) Comply with all laws, regulations and standards applicable to the Company's business activities in all communities where it operates.</li> <li>b) Be aware of, and comply with, international accepted standards that are applicable to any or all aspects of the Company's business, such as financial reporting standards, environment, health, safety and technical standards relevant to the Company's operations, and disclosure and transparency.</li> <li>c) Avoid any unlawful act including inducing or using third parties to circumvent laws, rules, and regulations.</li> <li>d) Avoid any conduct that may create the impression of unlawful or unethical conduct. Whenever there is any doubt on the legality of a matter, consult with the Company's Legal or Compliance Officer.</li> </ul> </li> </ul>
(e) Respect for Trade Secrets/Use of Non- public Information	Under the Code, Directors, Officers and Employees are required to maintain the confidentiality of information entrusted to them by the Company, its subsidiaries, affiliates, customers, business partners, stakeholders and persons or entities with whom the Company has business dealings, except when disclosure is mandated under relevant statutory and regulatory requirements. Confidential information includes non-public information that if improperly disclosed may cause harm to the Company, its subsidiaries and affiliates, customers, business partners and stakeholders.
(f) Use of Company Funds, Assets and Information	Also under the Code, all Directors, Officers, and Employees are to ensure the accuracy and completeness of business records. Business records include not only financial accounts but also production data and reports, ore resource and reserves data, operational reports, reports to regulatory agencies, expense and reimbursements reports, time records, and other such reports.  In addition, the Directors, Officers and Employees are required to protect Company assets, and use those assets as intended and not for personal benefit or the benefit of anyone other than the Company. They are also required to safeguard the Company's non-public information including contracts, marketing plans, employee information
(g) Employment & Labor Laws & Policies	and others.  Directors, Officers and Employees must comply with employment and labor laws and policies in all their dealings with Officers and Employees of the Company.
(h) Disciplinary action	Disciplinary action on erring Directors is based on the Corporation Code, including disqualification. The Company's revised Manual on Corporate Governance include

	provisions for disqualification of Directors. The operating companies in the Group have a Code of Discipline that is being referred in determining the required disciplinary action of an erring employee.
(i) Whistle Blower	The Whistle Blowing Policy is included in the Code and provides a system intended to assist those who believe they have discovered impropriety or fraud or offenses covered by the existing Code or other corporate governance rules of the Company. In those instances, the Employee should impose upon himself the duty to disclose such matters to his immediate superior. When the immediate superior does not act, or may himself be involved, the employee may avail of this Policy and the protection it affords.
(j) Conflict Resolution	The Board and Management must work towards a fair and amicable resolution of all disputes.

Consultants retained by the Company shall be informed of, and shall be required to commit to compliance with the Code.

The Code pertaining to Insider Trading contains provisions that apply to relatives, defined as the spouse, children, and other relatives within the second degree of consanguinity or affinity (Relative) of a Director, Officer, Employee or Consultant. They shall ensure and be responsible for compliance by their Relatives with the provisions of this Code.

All new employees must sign an acknowledgement form confirming that they have read the Code and agree to abide by its provisions. All Officers and Employees will be required to make similar acknowledgements on a periodic basis.

2) Has the code of ethics or conduct been disseminated to all directors, senior management and employees?

The Company adopted the Code of Business Conduct and Ethics on May 28, 2014 upon approval of the Code by the Board of Directors, followed by the CEO message on the official roll-out of the Code to all Directors, Officers, and employees of the Company and its subsidiaries. A series of roll-out sessions were conducted by the Corporate Governance Officer and the Internal Auditor to all employees of the Company and to the managers and supervisors of the subsidiaries. The cascading of the Code to the rank and file employees of the subsidiaries was handled by the Human Resource team of the subsidiaries. An electronic copy of the Code is maintained in the intranet of the Company for easy access by all employees.

3) Discuss how the company implements and monitors compliance with the code of ethics or conduct.

All new employees must sign an acknowledgement form confirming that they have read the Code and agree to abide by its provisions. All Officers and Employees are required to make similar acknowledgements on a periodic basis. The responsibility for administering the Code rests with the Corporate Governance Officer, with oversight by the Audit Committee of the Board of Directors. The whistle blowing policy provides guidance on reporting potential violation of the Code, investigation, and protection against retaliation.

## 4) Related Party Transactions

## (a) Policies and Procedures

Describe the company's policies and procedures for the review, approval or ratification, monitoring and recording of related party transactions between and among the company and its parent, joint ventures, subsidiaries, associates, affiliates, substantial stockholders, officers and directors, including their spouses, children and dependent siblings and parents and of interlocking director relationships of members of the Board.

Related Party Transactions	Policies and Procedures
(1) Parent Company	The policy on related party transactions ensures that
(2) Joint Ventures	material transactions between the Company or any of its
(3) Subsidiaries	subsidiaries and a Related Party shall be subject to review
(4) Entities Under Common Control	and approval by the Board to assure that they are at arms-
(5) Substantial Stockholders	length; the terms and conditions are fair and will redound
(6) Officers including spouse/children/siblings/parents	to the best interest of the Company, its subsidiaries and shareholders. Related party transactions shall be disclosed in the Company's financial reports and its annual report to
(7) Directors including spouse/children/siblings/parents	shareholders. Immediate disclosure under the rules of the Securities and Exchange Commission and the Philippine
(8) Interlocking director relationship of Board of Directors	Stock Exchange shall be subject to materiality and significance of the transaction.

## (b) Conflict of Interest

#### (1) Directors/Officers and 5% or more Shareholders

Identify any actual or probable conflict of interest to which directors/officers/5% or more shareholders may be involved.

	Details of Conflict
	of Interest (Actual or Probable)
Name of Director/s	None
Name of Officer/s	None
Name of Significant Shareholders	see explanation below

All transactions with related parties are transacted at prevailing market prices.

## Nickel Ore Sale Agreements with PAMCO

CMC and TMC supply saprolite ore to PAMCO. PAMCO is a stockholder of the Parent Company and TMC. All sales made to PAMCO are transacted at prevailing market prices. Under the terms of the agreement, the base price of the ore products for a specific shipment shall be based on LME. Effective April 2014, ore sales to PAMCO are benchmarked to China prices on the basis of a negotiated price per wet metric ton of ore. PAMCO shall pay the Group eighty percent (80%) to ninety percent (90%) of the provisional invoice amount upon receipt of the required documents and pay the final payment of each shipment after the final dry weight and applicable assay have been determined.

## Nickel Ore Sale Agreement with PAMCO and Sojitz Corporation (Sojitz)

RTN supplies saprolite ore to PAMCO under a sale agreement, which shall continue to be valid and in effect until December 2015, wherein PAMCO appointed Sojitz as agent. PAMCO owns thirty-six percent (36%) and Sojitz owns four percent (4%) of the outstanding shares in the capital stock of RTN.

#### Nickel Ore Sale Agreement with Sumitomo Metal Mining Co. Ltd. (SMM)

On April 1, 2011, RTN and SMM entered into an agreement to supply nickel ore to the latter. The agreement shall be valid from April 2011 and shall continue to be valid and in effect until December 2015.

## Nickel Ore Supply Agreement with CBNC

RTN entered into an agreement with CBNC to supply all of the limonite ore requirements for the Coral Bay Hydro Metallurgical Processing Plant (HPP) facility until the earlier of the cessation of operations at the Coral Bay HPP facility and exhaustion of the limonite ore reserves at the Rio Tuba mine. RTN has also entered into an agreement with CBNC to supply limestone and provide ancillary services to the Coral Bay HPAL facility. CBNC is the owner of the Coral Bay HPP facility.

#### Nickel Ore Supply Agreement with THNC

TMC entered into an agreement with THNC covering the sale of its ore products. Under the terms of the agreement, the base price of the ore products for a specific shipment shall be based on LME.

### Service Agreements with CBNC

RTN entered into various service agreements with CBNC pertaining to materials handling and others.

### Materials Handling Agreement with THNC

On October 7, 2013, TMC and THNC executed an agreement wherein TMC will render services related to the handling, hauling and transport of cargo for the latter. THNC shall compensate TMC based on the prices stipulated in the agreement which are determined on the basis of the weight of the cargo. Payment is collected within fifteen (15) days from receipt of TMC's billing.

### Stockholder Agreements

**THNC** 

On September 15, 2010, NAC, SMM and Mitsui and Co., Ltd. (Mitsui) executed a Stockholders Agreement, pursuant to which the parties formed a joint venture company, THNC, to build and operate a plant in Barangay Taganito, Claver, Surigao del Norte for the purpose of producing and selling nickel-cobalt mixed sulfide to be used in the production of electrolytic nickel and electrolytic cobalt.

Pursuant to the Stockholders Agreement, SMM granted THNC a non-exclusive license of technology owned by SMM to produce the products and has undertaken to provide technical assistance to THNC. The Parent Company has undertaken to cause TMC to supply THNC with nickel ore and limestone and to further cause TMC to make available to THNC the use of the land and infrastructure necessary for the production of the products while Mitsui shall assist THNC in procuring materials and equipment necessary for the mine's operations. The Stockholders Agreement shall terminate upon the dissolution of THNC.

The Parent Company, along with the other stockholders of THNC, also agreed to make loans to THNC or guarantee the repayment of THNC's loan obligations in accordance with the financial requirements of THNC, in proportion to their shareholding ratio in THNC.

In a separate agreement dated December 9, 2011, SMM agreed to assume Parent Company's obligation to make loans to, or guarantee the repayment of THNC's loan obligations. The Parent Company, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of THNC's outstanding loan obligations.

## CBNC

On July 1, 2002, RTN, along with the other stockholders of CBNC, agreed to make loans to CBNC or guarantee the repayment of CBNC's loan obligations in accordance with the financial requirements of CBNC, in proportion to their shareholding ratio in CBNC.

In a separate agreement dated October 22, 2002, SMM, which owns fifty-four percent (54%) of CBNC, agreed to assume RTN's obligation to make loans to, or guarantee the repayment of CBNC's loan obligations. RTN, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of CBNC's outstanding loan obligations until August 2015.

#### **Funding Commitment with SMM**

RTN's long-term debt was incurred to complete infrastructure projects to support the development of the Coral Bay HPAL facility. These projects included the causeway, trestles and dolphins in the Rio Tuba foreshore and offshore areas.

#### **Funding Commitment with THNC**

TMC as owner/developer of Taganito Special Economic Zone incurred a long-term debt to finance the construction of the pier facilities that will be utilized to support the operations of the Taganito HPAL facility. These projects included the jetty, dolphins, rubber fender, jettybollard and other pier facilities in the Taganito foreshore and offshore areas.

### Loan Guarantee/Substitution Agreement

RTN

Under a loan guarantee service agreement dated October 22, 2002 between RTN and SMM, the latter agreed to satisfy RTN's CBNC loan obligations in consideration of the payment by RTN to SMM of an annual fee equal to one percent (1%) of the relevant outstanding amount.

The fee is payable every February 21 and August 20 of each year. In case of default, such loan guarantee service agreement will be terminated and RTN shall provide loans to CBNC or guarantee the repayment of CBNC's loans payable. Failure to provide such loans or guarantee shall be considered a default under the CBNC Stockholder Agreement.

#### NAC

Under a loan guarantee/substitution agreement dated December 9, 2011 between the Parent Company and SMM, the latter agreed to substitute for the Parent Company to make loans or guarantee the repayment of THNC pursuant to the Stockholders Agreement dated September 15, 2010.

In consideration of the loans and guarantee made by SMM, the Parent Company shall pay to SMM an annual fee equal to one percent (1%) of the relevant outstanding amount, which is payable every February 21 and August 21 of each year.

On January 26, 2015, December 18 and December 3, 2013, the Parent Company and SMM entered into another loan guarantee/substitution agreement with respect to the new loan agreement made and entered by THNC and SMM on August 4, 2014, December 3 and January 31, 2013, respectively. The annual fee is also equal to 1% of the relevant outstanding amount, which is payable every March 21 and September 21 of each year.

In case of default, such loan guarantee/substitution agreements will be terminated and the Parent Company shall provide loans to THNC or guarantee the repayment of THNC's loans payable. Failure to provide such loans or guarantee shall be considered a default under the Stockholders' Agreement.

## Lease Agreement with Manta Equities Inc. (Manta)

On March 18, 2013, the Group entered into a lease agreement with Manta for its office and parking space. The lease agreement is effective for a period of five (5) years starting May 15, 2013 and is renewable subject to negotiation of the terms and conditions and mutual agreement of both parties.

## **Lease Agreement with THNC**

On October 31, 2013, TMC and THNC executed a lease agreement wherein TMC will lease the land within the TSEZ to the lessee. The TSEZ leased area of approximately 675 hectares is located at Barangays Taganito and Hayanggabon, Claver, Surigao del Norte. The duration of the lease agreement shall be for a period of twenty (20) years starting January 1, 2013, however, rental rate shall be annually agreed by both parties.

## Loan Agreement with EPI

On August 22, 2014, the Parent Company and EPI executed a loan agreement amounting to \$\text{\P551.0}\$ million which was drawn in two (2) tranches. The first and second tranche of the loans amounted to \$\text{\P105.0}\$ million and \$\text{\P446.0}\$ million, respectively.

The proceeds of the first tranche loan shall be used by EPI to fund the activities preparatory to drilling and for the drilling of the initial two (2) wells under the Montelago Geothermal Project, while the second tranche loan shall be used to fund the drilling costs and related activities (to include slim or other test holes) on the said initial two (2) wells.

At the option of the Parent Company, the entire second tranche loan, and not any smaller portion thereof, may be converted into shares of stock of EPI constituting fifty five percent (55%) of its total issued and outstanding shares, at any time before the lapse of three hundred sixty five (365) days after drawdown of the entire second tranche loan.

The loan is subject to 2% interest per annum. The first tranche of the loan is payable one year after the first drawdown on the first tranche loan or upon sale of EPI's entire shareholdings in Occidental Mindoro Consolidated Power Corporation (OMCP), whichever is earlier. The second tranche loan is payable one year after the first drawdown on the second tranche loan unless the conversion right is exercised.

For and to secure the loan and the notes covering the same, EPI executed and delivered a Pledge Agreement covering its shares of stock in OMCP consisting of one hundred percent (100%) of OMCP's issued and outstanding shares.

In 2014, the first tranche loan amounting to  $\pm 105.0$  million and forty percent (40%) of the second tranche loan amounting to  $\pm 178.4$  million were already released to EPI. The remaining sixty percent (60%) of the second tranche loan amounting to  $\pm 267.6$  million were released to EPI in the first quarter of 2015.

On April 15, 2015, the Parent Company expressed its intention to exercise its conversion right and to convert the entire second tranche loan of £446.0 million to 55% equity ownership interest in EPI, which is equivalent to 312,888,889 common shares, subject to the SEC's approval of the increase in authorized capital stock of EPI. The first tranche loan was paid by EPI in August 2015.

On July 16, 2015, the Parent Company subscribed to an additional 11% equity interest in EPI, which is equivalent to 184,052,288 common shares, for a total consideration of #274.0 million, subject also to the approval of EPI's increase in authorized capital stock.

The increase in EPI's authorized capital stock was approved by the SEC on July 28, 2015 and the corresponding shares were subsequently issued to the Parent Company.

The first tranche loan, including interest, was paid by EPI in August 2015.

#### Loan with Manta

On June 8, 2015, EPI entered into a one year loan agreement with Manta amounting to £180.0 million to finance the development expenses of EPI's geothermal power project. The loan bears an annual interest of five percent (5%). The principal and interest is payable at the end of the loan agreement.

## (2) Mechanism

Describe the mechanism laid down to detect, determine and resolve any possible conflict of interest between the company and/or its group and their directors, officers and significant shareholders.

	Directors/Officers/Significant Shareholders	
Company	Please see explanation below	
Group		

Under the Company's Code of Business Conduct and Ethics, Directors, Officers and Employees are charged with the duty of loyalty to the corporate interest. Their personal interests should never prevail against the interests of the Company. It is not only conflict of interest but also the appearance of conflict of interest that must be avoided. Any activity that may compromise or seem to compromise the integrity of the Company or of any Director, Officer or Employee must be avoided.

#### A. Disclosure

Conflict of interest situations and circumstances should be promptly and fully disclosed and discussed as provided in this Code. Directors and Officers are enjoined to abstain from participating in any action, transaction, discussion, evaluation, or decision involving such conflict of interest.

#### 1. Directors

Directors shall disclose any potential conflict of interest to the Chairman who, in consultation with the CEO, the CO and as appropriate with legal counsel, shall determine whether there is indeed conflict of interest, in which case there shall be disclosure to the Board and the approval requirements under the Code shall be complied with. In the event the Chairman after due consultation finds that there is no conflict, the matter shall nevertheless be disclosed to the Board.

Directors shall abstain from participating in the discussions of the Board regarding matters in which they are in a conflict of interest situation and shall not vote thereon, in accordance with the Policy.

#### 2. Officers

Officers shall disclose any potential conflict of interest to the CEO who, in consultation with the Chairman, the CO and as appropriate with legal counsel shall determine whether there is indeed a conflict of interest. In the event after due consultation the CEO finds that there is indeed a conflict of interest, the Officer shall refrain from pursuing the transaction or activity; provided that if such is deemed beneficial to the interests of the Company, the transaction may be pursued subject to full disclosure to and approval by the Board of Directors. In such situation, the CEO and the CO shall ensure that the interests of the Company and its subsidiaries are duly protected.

## 3. Employees who are not Directors or Officers

Employees who are not Directors or Officers shall disclose any potential conflict of interest to their immediate superior, who shall have the responsibility of consulting the CO and, as appropriate, the CEO regarding the matter. If the finding is that there is conflict of interest, the Employee shall refrain from pursuing the transaction or activity.

## B. Approval

### 1. Directors

- a) Any potential conflict of interest involving a Director shall be disclosed to the Board and shall require Board approval.
- b) When the matter is submitted to the Board for approval, the presence of the Director concerned must not be necessary to constitute a quorum and the Director's vote must not be necessary to obtain Board approval.

c) Where these conditions are not met, a contract or transaction where a Director has an interest may be ratified by shareholders representing at least 2/3 of the outstanding capital stock at a meeting of stockholders duly called. Full disclosure of the interest of the Director must be made to the shareholders prior to the meeting, in accordance with applicable rules of the SEC and the Exchange; provided that the contract is fair and reasonable under the circumstances.

### 2. Officers

Approval of an act or transaction involving conflict of interest of an officer shall be in accordance with the Code. An Officer shall disclose a potential conflict of interest to the Board of Directors. Prior authority of the Board must be obtained before an Officer may enter into a contract or transaction involving conflict of interest as defined herein.

### C. Recording

The CO shall be informed of all reported instances of potential conflict of interest and shall keep a record thereof, without prejudice to the keeping of records and monitoring by the appropriate or responsible Officers or departments, including but not limited to Finance and Internal Audit.

## 5) Family, Commercial and Contractual Relations

(a) Indicate, if applicable, any relation of a family, commercial, contractual or business nature that exists between the holders of significant equity (5% or more), to the extent that they are known to the company:

Names of Related Significant Shareholders	Type of Relationship	Brief Description of the Relationship
Manuel B. Zamora Jr.	Family	Father of director Martin Antonio G. Zamora
Martin Antonio G. Zamora	Family	Son of director Manuel B. Zamora, Jr.

(b) Indicate, if applicable, any relation of a commercial, contractual or business nature that exists between the holders of significant equity (5% or more) and the company:

Names of Related Significant Shareholders	Type of Relationship	Brief Description
None		

Indicate any shareholder agreements that may impact on the control, ownership and strategic strategic direction of the company:

Name of Shareholders	% of Capital Stock affected (Parties)	Brief Description of the Transaction
Sumitomo Metal Mining Co. Ltd.		See description below

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<sup>&</sup>lt;sup>5</sup> Family relationship up to the fourth civil degree either by consanguinity or affinity.

### Stockholder's Agreement

#### THNC

On September 15, 2010, NAC, SMM and Mitsui executed a Stockholders Agreement, pursuant to which the parties formed a joint venture company, THNC, to build and operate a plant in Barangay Taganito, Claver, Surigao del Norte for the purpose of producing and selling nickel-cobalt mixed sulfide to be used in the production of electrolytic nickel and electrolytic cobalt.

Pursuant to the Stockholders Agreement, SMM granted THNC a non-exclusive license of technology owned by SMM to produce the products and has undertaken to provide technical assistance to THNC. The Parent Company has undertaken to cause TMC to supply THNC with nickel ore and limestone and to further cause TMC to make available to THNC the use of the land and infrastructure necessary for the production of the products while Mitsui shall assist THNC in procuring materials and equipment necessary for the mine's operations. The Stockholders Agreement shall terminate upon the dissolution of THNC.

The Parent Company, along with the other stockholders of THNC, also agreed to make loans to THNC or guarantee the repayment of THNC's loan obligations in accordance with the financial requirements of THNC, in proportion to their shareholding ratio in THNC.

In a separate agreement dated December 9, 2011, SMM agreed to assume Parent Company's obligation to make loans to, or guarantee the repayment of THNC's loan obligations. The Parent Company, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of THNC's outstanding loan obligations.

#### **CBNC**

On July 1, 2002, RTN, along with the other stockholders of CBNC, agreed to make loans to CBNC or guarantee the repayment of CBNC's loan obligations in accordance with the financial requirements of CBNC, in proportion to their shareholding ratio in CBNC.

In a separate agreement dated October 22, 2002, SMM, which owns fifty-four percent (54%) of CBNC, agreed to assume RTN's obligation to make loans to, or guarantee the repayment of CBNC's loan obligations. RTN, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of CBNC's outstanding loan obligations until August 2015.

### 6) Alternative Dispute Resolution

Describe the alternative dispute resolution system adopted by the company for the last three (3) years in amicably settling conflicts or differences between the corporation and its stockholders, and the corporation and third parties, including regulatory authorities.

	Alternative Dispute Resolution System
	Stockholder concerns are coursed
	through the Investor Relations Officer
Corporation & Stockholders	who is tasked to implement investor
	relations programs that reach out to all
	stockholders.
	Through the Company's Purchasing
Corporation & Third Parties	group, the Community Relations Officers
	of each operating mine.
Corporation & Bogulatory Authorities	In accordance with the resolution
Corporation & Regulatory Authorities	mechanism of the regulatory agency.

#### C. BOARD MEETINGS & ATTENDANCE

1) Are Board of Directors' meetings scheduled before or at the beginning of the year?

The Company's Board has a pre-determined schedule of meetings at the beginning of each calendar year. As necessary, attendance at the Board meetings may be through electronic medium or telecommunications.

## 2) Attendance of Directors

Board	Name	Date of Election	No. of Meetings Held during the year	No. of Meetings Attended	%
Chairman	Manuel B. Zamora, Jr.	05 June 2015	6	5	83%
Member	Philip T. Ang	05 June 2015	6	6	100%
Member	Luis J. Virata	05 June 2015	6	5	83%
Member	Gerard H. Brimo	05 June 2015	6	6	100%
Member	Martin Antonio G. Zamora	05 June 2015	6	6	100%
Member	Takanori Fujimura	05 June 2015	6	6	100%
Member	Takeshi Kubota	05 June 2015	6	6	100%
Independent	Frederick Y. Dy	05 June 2015	6	5	83%
Independent	Fulgencio S. Factoran, Jr.	05 June 2015	6	6	100%

3) Do non-executive directors have a separate meeting during the year without the presence of any executive? If yes, how many times?

During the Board meetings, executive directors, particularly the CEO, was requested to step out for the non-executive directors to discuss some matters without the presence of any executive.

4) Is the minimum quorum requirement for Board decisions set at two-thirds of board members? Please explain.

A majority of the Board of Directors may decide as provided in the corporation's By-laws.

#### 5) Access to Information

(a) How many days in advance are board papers<sup>6</sup> for board of directors meetings provided to the board?

At least a week prior to the meeting but the directors may request for a copy anytime.

(b) Do board members have independent access to Management and the Corporate Secretary?
Yes.

(c) State the policy of the role of the company secretary. Does such role include assisting the Chairman in preparing the board agenda, facilitating training of directors, keeping directors updated regarding any relevant statutory and regulatory changes, etc.?

<sup>&</sup>lt;sup>6</sup> Board papers consist of complete and adequate information about the matters to be taken in the board meeting. Information includes the background or explanation on matters brought before the Board, disclosures, budgets, forecasts and internal financial documents.

As provided in the Company's By-laws, the Secretary shall have the following powers and duties:

- (1) Record the minutes and transactions of all meetings of the directors and the stockholders and to maintain minute books of such meetings in the form and manner required by law;
- (2) Keep record books showing the details required by law with respect to the stock certificates of the corporation, including ledgers and transfer books showing all shares of the corporation's subscribed, issued and transferred;
- (3) Keep the corporate seal and affix it to all papers and documents requiring a sea, and to attest by his signature all corporate documents requiring the same;
- (4) Attend to the giving and serving of all notices of the corporation required by law or the company's by-laws;
- (5) Certify to such corporate acts, countersign corporate documents or certificates, and make reports of statements as may be required of him by law or by government rules and regulations;
- (6) Act as the inspector at the election of directors and, as such, to determine the number of shares of stock outstanding and entitled to vote, the shares of stock represented at the meeting, the existence of a quorum, the validity and effect of proxies and to receive votes, ballots or consents, hear and determine questions in connection with the right to vote, count and tabulate all votes, determine the result, and do such acts as are proper to conduct the election or vote;
- (7) Perform such other duties as are incident to his/her office or as may be assigned to him/her by the Board of Directors or the President.
- (d) Is the company secretary trained in legal, accountancy or company secretarial practices? Please explain should the answer be in the negative.

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#### (e) Committee Procedures

Disclose whether there is a procedure that Directors can avail of to enable them to get information necessary to be able to prepare in advance for the meetings of different committees:

Yes	Х	No	

Committee	Details of the procedures	
Audit	Copy of the meeting materials are provided to the committee	
	members few days before the meeting. Directors have full	
	access to Management and the Corporate Secretary should they	
	require other information or request for a separate discussion	
D: I	prior to the committee meetings.	
Risk	Copy of the meeting materials are provided to the committee	
	members few days before the meeting. Directors have full	
	access to Management and the Corporate Secretary should they	
	require other information or request for a separate discussion	
	prior to the committee meetings.	
Nomination	Copy of the meeting materials are provided to the committee	
	members few days before the meeting. Directors have full	
	access to Management and the Corporate Secretary should they	
	require other information or request for a separate discussion	
	prior to the committee meetings.	
Remuneration (Compensation)	Copy of the meeting materials are provided to the committee	
	members few days before the meeting. Directors have full	
	access to Management and the Corporate Secretary should they	
	require other information or request for a separate discussion	
	prior to the committee meetings.	

## 6) External Advice

Indicate whether or not a procedure exists whereby directors can receive external advice and, if so, provide details:

Procedures	Details
Directors, either individually or as a Board, and in	
furtherance of their duties and responsibilities,	
shall have access to independent professional	
advice at the Corporation's expense (Section 4.4	
of the Manual on Corporate Governance).	

## 7) Change/s in existing policies

Indicate, if applicable, any change/s introduced by the Board of Directors (during its most recent term) on existing policies that may have an effect on the business of the company and the reason/s for the change:

Existing Policies	Changes	Reason
On March 27, 2015, the Board approved the following corporate governance policies:  a. Period for payment of cash dividend  b. Policy in furtherance of effective participation of shareholders at shareholders' meetings and the exercise of the right to vote  c. Policy on Related Party Transactions  d. Policy on appointment of independent 3rd party to evaluate fairness of transaction price where Company is offeree in a merger or acquisition transaction requiring shareholders' approval that will result in a takeover or change of control of the Company	<ul> <li>Formalizes into a policy practices for stockholders' meeting that are already been done by NAC</li> <li>Follows definitions under Philippine Accounting Standards, which NAC already complies with</li> <li>Definition of material RPT</li> <li>Review of material RPT by independent directors, for endorsement to BOD</li> <li>Charter of the Compensation (Remuneration) Committee</li> <li>Charter of the Nominations Committee</li> </ul>	For improved corporate governance

### D. REMUNERATION MATTERS

### 1) Remuneration Process

Disclose the process used for determining the remuneration of the CEO and the four (4) most highly compensated management officers:

Process	CEO	Top 4 Highest Paid Management Officers			
(1) Fixed remuneration					
(2) Variable remuneration					
(3) Per diem allowance	The Board determines the remuneration of the CEO and of the				
(4) Bonus					
(5) Stock Options and other financial instruments (6) Others (specify)	officers of Management.				

## 2) Remuneration Policy and Structure for Executive and Non-Executive Directors

Disclose the company's policy on remuneration and the structure of its compensation package. Explain how the compensation of Executive and Non-Executive Directors is calculated.

	Remuneration Policy	Structure of Compensation Packages	How Compensation is Calculated			
Executive Directors	Executive Directors are given salaries by the Company as its employees					
Non-Executive Directors	while the Non-executive Directors are given per diems based on attendance of the meetings.					

Do stockholders have the opportunity to approve the decision on total remuneration (fees, allowances, benefits-in-kind and other emoluments) of board of directors? Provide details for the last three (3) years.

No.

## 3) Aggregate Remuneration

Complete the following table on the aggregate remuneration accrued during the most recent year:

Remuneration Item	Executive Directors	Non-Executive Directors (other than independent directors)	Independent Directors
(a) Fixed Remuneration	Dh. 26 250 407	-	-
(b) Variable Remuneration	Php36,259,407	-	-
(c) Per diem Allowance	305,986	Php186,434	Php1,861,765
(d) Bonuses	-	-	-
(e) Stock Options and/or other financial instruments	-	-	-
(f) Others (Specify)	-	-	-
Total	Php36,565,393.00	Php186,434.00	Php1,861,765.00

	Other Benefits	Executive Directors	Non-Executive Director (other than independent directors)	Independent Directors
1)	Advances	-	-	ı
2)	Credit granted	-	-	-
3)	Pension Plan/s Contributions	-	-	-
(d)	Pension Plans, Obligations incurred	-	-	-
(e)	Life Insurance Premium	-	-	-
(f)	Hospitalization Plan	-	-	-
(g)	Car Plan	-	-	-
(h)	Others (Specify)	-	-	-
	Total	-	-	-

## 4) Stock Rights, Options and Warrants

## (a) Board of Directors

Complete the following table, on the members of the Company's Board of Directors who own or are entitled to stock rights, options or warrants over the company's shares:

Director's Name	Number of Direct Option/Rights/ Warrants	Number of Indirect Option/Rights/ Warrants	Number of Equivalent Shares	Total % from Capital Stock		
Manuel B. Zamora, Jr.						
Philip T. Ang	Please see explanation in Item 3 above					
Gerard H. Brimo						
Martin Antonio G. Zamora						

## (b) Amendments of Incentive Programs

Indicate any amendments and discontinuation of any incentive programs introduced, including the criteria used in the creation of the program. Disclose whether these are subject to approval during the Annual Stockholders' Meeting:

No amendment to any incentive program was introduced. A second round of the Employee Stock Option Plan was however approved by the stockholders during the June 6, 2014 meeting.

#### 5) Remuneration of Management

Identify the five (5) members of management who are <u>not</u> at the same time executive directors and indicate the total remuneration received during the financial year:

Name of Officer/Position	Total Remuneration
Emmanuel L. Samson/CFO/SVP for Finance	
Jose B. Anievas/COO/SVP for Operations	
Rolando R. Cruz/Vice President for Operations	Php32,360,028
Augusto C. Villaluna/Vice President for Operations	• • •
Jose Bayani D. Baylon/Vice President for Corporate Communications	

### E. BOARD COMMITTEES

## 1) Number of Members, Functions and Responsibilities

Provide details on the number of members of each committee, its functions, key responsibilities and the power/authority delegated to it by the Board:

	ı	No. of Membe	ers				
Committee	Executive Director (ED)	Non- executive Director (NED)	Independent Director (ID)	Committee Charter	Functions	Key Responsib ilities	Power
				As provided			
Audit	1	1	1	in the CG	Please see explanation below		elow
				Manual			
				As provided			
Risk	1	1	1	in the CG	Please see explanation below.		elow.
				Manual			
				As provided			
Nomination	1	1	1	in the CG	Please see e	explanation be	elow
				Manual			
D				As provided			
Remuneration	2		1	in the CG	Please see	explanation be	elow
(Compensation)				Manual			

As provided in the Company's Manual on Corporate Governance, the following are the duties and functions of:

### **Audit Committee**

- Assist the Board in the performance of its oversight responsibility or the financial reporting process, system of internal control, audit process, and monitoring of compliance with applicable laws, rules and regulations;
- b) Provide oversight over Management's activities in managing credit, market, liquidity, operational, legal and other risks of the Company. This function shall include regular receipt from Management of information on risk exposures and risk management activities;
- Perform oversight functions over the Company's internal and external auditors. It shall ensure that
  the internal and external auditors act independently from each other, and that both auditors are
  given unrestricted access to all records, properties and personnel to enable them to perform their
  respective audit functions;
- d) Review the annual internal audit plan to ensure its conformity with the objectives of the Company. The plan shall include the audit scope, resources and budget necessary to implement it;

- e) Prior to the commencement of the audit, discuss with the external auditor the nature, scope and expenses of the audit, and ensure proper coordination if more than one audit firm is involved in the activity to secure proper coverage and minimize duplication of efforts;
- Organize an internal audit department, and consider the appointment of an independent internal auditor and the terms and conditions of its engagement and removal;
- g) Monitor and evaluate the adequacy and effectiveness of the Company's internal control system, including financial reporting control and information technology security;
- h) Review the reports submitted by the internal and external auditors;
- i) Review the quarterly, half-year and annual financial statements before their submission to the Board, with particular focus on the following:
  - Any changes in accounting policies and practices
  - Major judgmental areas
  - Significant adjustments resulting from the audit
  - Going concern assumptions
  - Compliance with accounting standards
  - Compliance with tax, legal and regulatory requirements.
- j) Coordinate, monitor and facilitate compliance with laws, rules and regulations:
- k) Evaluate and determine the non-audit work, if any, of the external auditor, and review periodically the non-audit fees paid to the external auditor in relation to their significance to the total annual income of the external auditor and to the Company's overall consultancy expenses. The Committee shall disallow any non-audit work that will conflict with the duties of the external auditor or may pose threat to independence. The non-audit work, if allowed, shall be disclosed in the Company's annual report;
- Establish and identify the reporting line of the internal auditor to enable him to properly fulfill his
  duties and responsibilities. He shall functionally report directly to the Audit and Risk Committee,
  which shall ensure that, in the performance of his work, the internal auditor shall be free from
  interference by outside parties.

## **Nomination Committee**

- a) Review and evaluate the qualifications of all persons nominated to be a director of the Company and of all nominees to other positions in the Company requirement appointment by the Board.
- Assess the effectiveness of the Board's process and procedures in the election or replacement of directors.

## Remuneration (Compensation) Committee

The duty of the Remuneration (Compensation Committee) is to establish a formal and transparent procedure for developing policy on remuneration of Directors and Officers to ensure that their compensation is consistent with the Company's culture, strategy and the business environment in which it operates.

## **Risk Committee**

The Risk Committee assists the Board in its oversight responsibility for the Company's Enterprise Risk Management, and shall review the effectiveness of the risk management system and commenting on its adequacy.

#### 2) Committee Members

## (a) Audit Committee

Office	Name	Date of Appointment	No. of Meeting s Held	No. of Meetings Attended	%	Length of Service in the Committee
Chairman (ID)	Frederick Dy	05 June 2015	4	4	100%	5
Member (ED)	Gerard H. Brimo	05 June 2015	4	4	100%	5
Member (NED)	Takanori Fujimura	05 June 2015	4	4	100%	5

Disclose the profile or qualifications of the Audit Committee members.

The following are the members of the Audit Committee:

**Frederick Y. Dy** (60 years old, Filipino) is an independent director of the Company since September 24, 2010. Mr. Dy is also the Chairman and a director of Security Bank Corporation, Chairman of City Industrial Corporation, Chairman of St. Luke's Medical Center and a director of Ponderosa Leather Goods Company, Inc.

**Gerard H. Brimo** (63 years old, Filipino) is a director and the President and CEO of the Company since August 2009 and the President of RTN, TMC, CMC, HMC, and Chairman of Geogen and EPI. Mr. Brimo joined the Company in 2008 and is the President of a privately owned exploration company, Newminco Nickel Mining Corp. Mr. Brimo began his mining career with Philex Mining Corp. as a Vice President in 1985 and served as Chairman and CEO of Philex Mining from 1994 until his retirement from said company in December 2003. He was President of the Chamber of Mines of the Philippines from 1993 to 1995 and Chairman from 1995 to 2003.

**Takanori Fujimura** (71 years old, Japanese) is a director of the Company since 2010. Mr. Fujimura is also the President of Coral Bay Nickel Corporation.

Describe the Audit Committee's responsibility relative to the external auditor.

The Audit Committee performs oversight functions over the Company's external auditors which includes the responsibility for recommendation on the appointment, re-appointment and removal of the external auditor. It shall ensure that the internal and external auditors act independently from each other, and that the external auditors are given unrestricted access to all records, properties and personnel to enable them to perform their audit functions. Prior to the commencement of audit work, the Committee discusses with the external auditor the nature, scope and expenses of the audit, and ensure proper coordination if more than one audit firm is involved in the activity to secure proper coverage and minimize duplication of efforts. The Committee reviews the reports submitted by the external auditors and evaluates and determines the non-audit work, if any, and reviews periodically the non-audit fees paid to the external auditor in relation to their significance to the total annual income of the external auditor and to the Company's overall consultancy expenses. The Committee shall disallow any non-audit work that will conflict with the duties of the external auditor or may pose threat to independence. The non-audit work, if allowed, shall be disclosed in the Company's annual report.

### (b) Nomination Committee

Office	Name	Date of Appointment	No. of Meetings Held	No. of Meetings Attended	%	Length of Service in the Committee
Chairman	Manuel B. Zamora, Jr.	05 June 2015	1	1	100%	5
Member (NED)	Takeshi Kubota	05 June 2015	1	1	100%	5
Member (ID)	Fulgencio S. Factoran, Jr.	05 June 2015	1	1	100%	5

## (c) Remuneration (Compensation) Committee

Office	Name	Date of Appointment	No. of Meetings Held	No. of Meetings Attended	%	Length of Service in the Committee
Chairman	Manuel B. Zamora, Jr.	05 June 2015	2	2	100%	5
Member (ED)	Gerard H. Brimo	05 June 2015	2	2	100%	5
Member (ID)	Frederick Dy	05 June 2015	2	2	100%	5

### (d) Risk Committee

Office	Name	Date of Appointment	No. of Meetings Held	No. of Meetings Attended	%	Length of Service in the Committee
Chairman (ID)	Frederick Dy	05 May 2015	3	3	100%	less than 1 year
Member (ED)	Gerard H. Brimo	05 May 2015	3	3	100%	less than 1 year
Member (NED)	Takanori Fujimura	05 May 2015	3	3	100%	less than 1 year

# 3) Changes in Committee Members

Indicate any changes in committee membership that occurred during the year and the reason for the changes:

Name of Committee	Name	Reason
Audit	No changes in the membership of	
	the Committees during the year.	
Risk	No changes in the membership of	
	the Committees during the year.	
Nomination	No changes in the membership of	
	the Committees during the year.	
Remuneration	No changes in the membership of	
(Compensation)	the Committees during the year.	

### 4) Work Done and Issues Addressed

Describe the work done by each committee and the significant issues addressed during the year.

Name of Committee	Work Done Issues Addressed		
Audit	Recommendation for Board approval of the Quarterly and Annual financial statements.		
Risk	Reviewed the effectiveness of the enterprise risk management system	No significant issues.	
Nomination	Screening of nominees for directorship	No significant issues.	
Remuneration (Compensation)	Approval of the compensation packages of Directors and Officers.	No significant issues.	

# 5) Committee Program

Provide a list of programs that each committee plans to undertake to address relevant issues in the improvement or enforcement of effective governance for the coming year.

Name of Committee	Planned Programs	Issues to be Addressed
Audit	Oversight review of financial reporting process, risk management, compliance, internal control system, internal and external auditors	None
Risk	Review information provided by  Management on risk exposures and risk management activities.  None	

Nomination	Review and evaluate the qualifications of all persons nominated to be a director of the Company and of all nominations to positions in the Company requiring	None
Remuneration	appointment by the Board  Review the compensation program	
(Compensation)	for the directors and officers to ensure their alignment with the Company's strategy, culture and with the business environment	None

#### F. RISK MANAGEMENT SYSTEM

- 1) Disclose the following:
  - (a) Overall risk management philosophy of the Company:

The Company has adopted a risk philosophy aimed at enhancing shareholder value by adequately managing risks in a cost effective manner, thereby enabling the Company to sustain its competitive advantage and to pursue strategic growth opportunities with greater speed, skills and confidence. To put the philosophy into action, the Board of Directors, through its Risk Committee, implemented an Enterprise Risk Management (ERM) that shall ensure that all business risks are identified, measured and managed effectively and continuously within a structured and proactive framework. The Company's ERM is based on the Committee of Sponsoring Organizations of the Treadway Commission-ERM framework. Values and standards of business conduct and ethics are important elements of the internal environment for risk management.

(b) A statement that the directors have reviewed the effectiveness of the risk management system and commenting on the adequacy thereof;

The Board of Directors, through its Risk Committee, assesses the effectiveness of the Company's ERM, including that of the operating subsidiaries. The Risk Committee has assessed the ERM of the Company and its operating subsidiaries to be effective in managing risks faced by the Group.

(c) Period covered by the review;

The Risk Committee has assessed the ERM for the year 2015. Please refer to the Committee's report to the Board of Directors included in the 2015 annual report.

(d) How often the risk management system is reviewed and the directors' criteria for assessing its effectiveness; and

The Committee shall assess the ERM at least twice a year based on criteria provided under its charter.

(e) Where no review was conducted during the year, an explanation why not.

A review was conducted during 2015.

# 2) Risk Policy

#### (a) Company

Give a general description of the company's risk management policy, setting out and assessing the risk/s covered by the system (ranked according to priority), along with the objective behind the policy for each kind of risk:

The Company and Group Enterprise Risk Management:



In line with the overall Enterprise Risk Management policy of the Group, the Company is committed to manage its risks by adopting an approach where risk identification, assessment, control and monitoring are integrated in the annual plans and budgeting process. All department and section heads of the company are actively involved in the setting of objectives and the identification of related risks that could prevent the Company from achieving its objectives. Employees are informed of the identified risks and are enjoined to make it their business to actively participate in implementing measures that will mitigate the risks.

The table below shows the focus of the Company's Risk Management Policy. The different risk exposures may overlap depending on the risk that is identified and assessed.

Risk Exposure	Risk Management Policy	Objective
Increased resource nationalism calling for the amendments of the Mining Act and greater government share	Work with lawmakers, relevant government agencies, and the Chamber of Mines for open discussion of a fair and equitable sharing that will ensure the industry remains competitive with other global players.  Demonstrate transparency of payments of government share through participation in the	Dissemination of accurate industry information and statistics and thus manage negative perceptions about the industry.
Volatility of LME price	Philippine EITI.  Review of mining plan and cost drivers.	Cushion the impact of volatile LME price.
Shortage of skilled manpower	Pay for skills and value to the company.	No interruption in operations arising from lack of manpower.
Failure to comply with the conditions in ECC	Full compliance with all regulations.	Demonstrate responsible mining.

#### (b) Group

Give a general description of the Group's risk management policy, setting out and assessing the risk/s covered by the system (ranked according to priority), along with the objective behind the policy for each kind of risk:

Risk Exposure	Risk Management Policy	Objective
Please see discussion	Please see discussion under 2(a)	Please see discussion under 2(a)
under 2(a) above.	above.	above.

#### (c) Minority Shareholders

Indicate the principal risk of the exercise of controlling shareholders' voting power.

#### **Risk to Minority Shareholders**

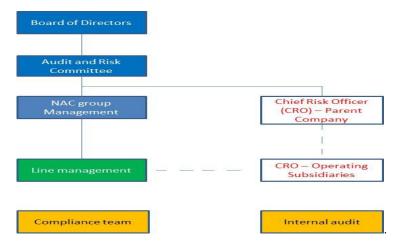
The minority holders only have common risks of being in the minority. There are no extraordinary risks for them as such.

# 3) Control System Set Up

#### (a) Company

Briefly describe the control systems set up to assess, manage and control the main issue/s faced by the company:

Risk Management Oversight Structure



The Board of Directors has the responsibility for overseeing risk management within the Company and its operating subsidiaries. Assisting the Board is the Chief Risk Officer (CRO) of the Company, who reports to the Risk Committee the significant risks and related risk strategies, and the status of the risk management initiatives on a regular basis. The Company CRO is in turn supported by the Finance Officers of each operating subsidiary, who acts as CROs for their respective companies. In this connection, a cross-functional group of personnel with technical, financial, and legal expertise was formed to review compliance with all mining laws and regulations. The Internal Auditor reports to the Risk Committee the results of the review of the effectiveness of the risk management initiatives adopted by management.

Below are examples of the Company's Risk Assessment, Management Control:

Risk Exposure	Risk Assessment (Monitoring and Measurement Process)	Risk Management and Control (Structures, Procedures, Actions Taken)
Increased resource nationalism calling for the amendments of the Mining Act and greater government share	High risk (in terms of significance and likelihood)	Active discussion with government teams on what constitutes a fair and equitable sharing arrangement.  Actively support the Chamber of Mines programs in formulating and disseminating significant industry positions.
		Active involvement in Ph-EITI initiatives.
Volatility of LME price	High risk (in terms of significance and likelihood)	Review business plan if this continue to be appropriate with the prevailing prices.  Review costs drivers.
		Review blending plan for optimum product mix.
Shortage of skilled manpower	Moderate risk (moderate significance, high likelihood)	Incorporate skills training in SDMP programs of communities to ensure availability of skills.
Failure to comply with the conditions in ECC	Moderate risk (high significance, low likelihood)	Embed compliance into existing processes.
iii Ecc		Regular training of personnel involved in operations.
		Regular review by the parent company compliance team.

# (b) Group

Briefly describe the control systems set up to assess, manage and control the main issue/s faced by the company:

Risk Exposure	Risk Assessment (Monitoring and Measurement Process)	Risk Management and Control (Structures, Procedures, Actions Taken)
Please see discussion below	Please see discussion below	Please see discussion below

The Group adopts the same Risk Management policy and framework, and thus, have the same system for the assessment, management and control of main issues faced by the group. The Group's main business activity is the exploration, development and utilization of mineral resources.

#### (c) Committee

Identify the committee or any other body of corporate governance in charge of laying down and supervising these control mechanisms, and give details of its functions:

Committee/Unit	Control Mechanism	Details of its Functions
	Oversight over Management's	Review of information
	activities in managing credit,	provided by Management on
Risk Committee	market, liquidity, operational,	risk exposures and risk
	legal and other risks of the	management activities.
	Company.	

#### G. INTERNAL AUDIT AND CONTROL

#### 1) Internal Control System

Disclose the following information pertaining to the internal control system of the company:

(a) Explain how the internal control system is defined for the company;

The Group defines internal control system as a process, applied by its BOD, management and other personnel, designed to provide reasonable assurance regarding the achievement of objectives in the following categories:

- 1. Effectiveness and efficiency of operations.
- 2. Reliability of financial reporting.
- 3. Compliance with applicable laws and regulations.

In ensuring effectiveness and efficiency of operations, the Group focuses on the basic business objectives, performance and profitability goals and safeguarding of resources. Reliability of financial reporting ensures that there are adequate controls in the preparation of published financial statements, including the quarterly financial statements and selected financial data derived from such statements, e.g. earnings releases. Compliance controls ensures that the Group comply with those laws and regulation to which it is subject. In designing the internal control system, the Group recognizes that these three distinct but overlapping categories address different needs and allow a directed focus to meet the different needs.

The internal control system has the following components that are integrated, have synergy and linkage among these components, forming an integrated system that reacts dynamically to changing conditions. The internal control system is intertwined with the entity's operating activities and exists for fundamental business reasons to ensure an effective and efficient internal control system.

- a) Control environment which sets the tone of the Group and is the foundation for all other components of internal control, providing discipline and structure.
- b) Risk assessment which is integrated and exists at all levels in the organization.
- c) Control activities consisting of policies and procedures that help ensure management directives are carried out and that necessary actions are taken to address risks to achievement of the Group's objectives. Similar to risk assessment, control activities occur throughout the Group, at all levels and in all functions.
- d) Information and communication to ensure that pertinent information are identified, captured and communicated that enables people to carry out their responsibilities and to run and control the business. Information includes external events, activities and conditions necessary to informed business decision making and external reporting, Communication includes external activities e.g. investors, public and regulators.
- e) Monitoring the process to assess the quality of the internal control system over time. This is accomplished through ongoing monitoring activities and separate evaluations or a combination of both. Internal control deficiencies are reported upstream, with serious matters reported to top management and the board.

(b) A statement that the directors have reviewed the effectiveness of the internal control system and whether they consider them effective and adequate;

The Board of Directors, through its Audit Committee, assesses the effectiveness of the Company's internal control system, including that of the operating subsidiaries. The Audit Committee has assessed the internal control system of the Company and its operating subsidiaries to be effective and adequate.

(c) Period covered by the review;

The Audit Committee has assessed the internal control system for the year 2015.

(d) How often internal controls are reviewed and the directors' criteria for assessing the effectiveness of the internal control system; and

The Audit Committee charter mandates that the Committee performs regular oversight review of the internal control system, including financial reporting control and information technology security. Among the criteria use for the assessment are the level and root causes of deficiencies noted by the auditors, the way management address these matters, and the involvement and focus of personnel involved in these matters, among others.

(e) Where no review was conducted during the year, an explanation why not.

Review was conducted during 2015.

#### 2) Internal Audit

(a) Role, Scope and Internal Audit Function

Give a general description of the role, scope of internal audit work and other details of the internal audit function.

Role	Scope	Indicate whether In-house or Outsource Internal Audit Function	Name of Chief Internal Auditor/Auditing Firm	Reporting process
Please see explanation below	Please see explanation below	In-house	Ma. Angela Villamor	Please see explanation below

The role of the Internal Auditor is to provide independent and objective assurance and consulting activity designed to add value and improve the operations of the Company and its subsidiaries.

The scope of work of Internal Audit is to determine whether the Company and its subsidiaries' network of risk management, control, and governance processes, as designed and represented by management, is adequate and functioning in a manner to ensure:

- Risks are properly identified and managed;
- Interaction with the various governance groups occur as needed;
- Significant financial, managerial and operating information is accurate, reliable and timely;
- Employees actions are in compliance with policies, standards, procedures, and applicable laws and regulations;
- Resources are acquired economically, used efficiently and adequately protected;
- Programs, plans and objectives are achieved;
- Quality and continuous improvement are fostered in NAC's control processes; and
- Significant legislative and regulatory issues impacting NAC are recognized and addressed properly.

The Internal Auditor reports administratively to the CEO and functionally to the Audit Committee. Internal Auditor has free and unrestricted access to the Chairman of the Board, and the Audit Committee.

(b) Do the appointment and/or removal of the Internal Auditor or the accounting /auditing firm or corporation to which the internal audit function is outsourced require the approval of the audit committee?

Yes. As provided in Section 3.10 of the Manual on Corporate Governance, the Audit Committee approves the appointment of an independent internal auditor and the terms and conditions of its engagement and removal.

(c) Discuss the internal auditor's reporting relationship with the audit committee. Does the internal auditor have direct and unfettered access to the board of directors and the audit committee and to all records, properties and personnel?

The Internal Auditor reports administratively to the Chief Executive Officer and functionally to the Audit Committee of the Board of Directors. The Internal Auditor is granted full, free and unrestricted access to any and all of the Group's records, physical properties, and personnel relevant to any function under review. All employees are requested to assist the Internal Auditor in fulfilling his staff function. Internal Auditor has free and unrestricted access to the Chairman of the Board of Directors, and the Audit Committee.

(d) Resignation, Re-assignment and Reasons

Disclose any resignation/s or re-assignment of the internal audit staff (including those employed by the third-party auditing firm) and the reason/s for them.

Name of Audit Staff	Reason
None	N/A

(e) Progress against Plans, Issues, Findings and Examination Trends

State the internal audit's progress against plans, significant issues, significant findings and examination trends.

Progress Against Plans	Internal audit work is on schedule and aligned to plan approved by the Audit Committee.	
Issues <sup>7</sup>	No significant issues.	
Findings <sup>8</sup>	No significant findings noted.	
Examination Trends	Audit is risk-based. Risks are prioritized in terms of significance and likelihood. Risk assessment is an ongoing activity.	

The relationship among progress, plans, issues and findings should be viewed as an internal control review cycle which involves the following step-by-step activities:

- a. Preparation of an audit plan inclusive of a timeline and milestones;
- b. Conduct of examination based on the plan;
- c. Evaluation of the progress in the implementation of the plan;
- d. Documentation of issues and findings as a result of the examination;
- e. Determination of the pervasive issues and findings ("examination trends") based on single year result and/or year-to-year results;
- f. Conduct of the foregoing procedures on a regular basis.

 $<sup>^{7}</sup>$  "Issues" are compliance matters that arise from adopting different interpretations.

<sup>8 &</sup>quot;Findings" are those with concrete basis under the company's policies and rules.

# (f) Audit Control Policies and Procedures

Disclose all internal audit controls, policies and procedures that have been established by the company and the result of an assessment as to whether the established controls, policies and procedures have been implemented under the column "Implementation."

Policies & Procedures	Implementation
Code of Business Conduct and Ethics	
Policy on Conflict of Interest	Implemented
Policy on Insider Trading	Implemented
Policy on Procurement Governance: Suppliers and	Implemented
Purchasing	Implemented
Policy on Gifts, Hospitality and Sponsored Travel	Implemented
Whistle-blowing Policy	Implemented
Environment Policy	Implemented
Administrative Policies	
Policy on Group Outing	Implemented
Policy on the Wearing of Uniform	Implemented
Policy on Drug-Free Workplace	Implemented
Policy on Child-Labor Free Workplace	Implemented
No Smoking Policy	Implemented
Policy on the Use of Sea craft	Implemented
Policy on Use of Company Accommodation	Implemented
Policy on Punctuality	Implemented
Policy on Early Quitting from Work	Implemented
Policy on Incentive Leave	Implemented
Policy on the Wearing of Company ID	Implemented
Policy on the Wearing of Personal Protective Equipment (PPEs)	Implemented
Policy on the Use of Company Vehicles and Cell Phones	Implemented
Policy on the Use of Bundy Clock	Implemented
Policy on Off-Limits to Non-Occupants of Guesthouse,	land and ante d
Senior and Junior Staff houses	Implemented
Policy on Adjustment of Grievance	Implemented
Policy on Suspension of Work Due to Typhoon	Implemented
Policy on No-Strike, No Lock-Out and Work Stoppage	Implemented
During the Duration of the CBA	Implemented
Policy on Use and Maintenance of Heavy Equipment Simulator	Implemented
Policy on Storage and Disposal of Used Canvas Sheet	Implemented
Human Resources and Benefits Administration Policies	
Policy on Employment, Hiring and Personnel Movement	Implemented
Policy on Training and Development	Implemented
Policy on Performance Appraisal, Promotion, Job Classification	Implemented
Policy on Loyalty/Service Award	Implemented
Policy on Severance, Retirement and Death Benefits	Implemented
Policy on Hours of Work, Overtime Pay, Holiday Pay, Night Shift Differential and Premium Pay	Implemented
Policy on vacation leave, sick leave, emergency/special, maternity/paternity leave and filings	Implemented
Policy on medical, group personal accident insurance, supplemental subsidy and other benefits	Implemented

Policies & Procedures	Implementation
Policy on Maintenance of Personnel Records	Implemented
Policy on Fly-In, Fly-Out and Travel Policy	Implemented
Travel Policy	Implemented
Safety Policies	•
Policy on Idle Equipment Left Unattended on Haulage	
Roads	Implemented
Guidelines on Ambulance Use	Implemented
Policy on Housekeeping Audit	Implemented
Policy on Incident Reporting	Implemented
Policy on Orientation of New Employees and Reorientation	·
of Regular Employees	Implemented
Security Policies	
Access Procedure in Campsite and Minesite Area	Implemented
Procedure on Vehicle Entry at TMC Mine Site	Implemented
Procedure on Entry and Exit of Vessel Crew	Implemented
Procedure on the use of ATM Machine	Implemented
Procedure on Document Security	Implemented
Procedure on Deliveries and Receiving of Parcel/Packages	Implemented
Procedure on Use/Issuance of Trip Tickets	Implemented
Evacuation plan	Implemented
Procedure on KEY Control and Issuance	Implemented
Procedure on Inspection of Perimeter Fence	Implemented
Procedure in Intelligence Gathering and Dissemination	Implemented
Procedure on Visitors without Appointment	Implemented
Procedure on Bags Inspection on All Persons using the	·
Pedestrian Gate	Implemented
Operating Procedures and Policies	
Equipment Rental Monitoring	Implemented
COMREL Safety Procedure when Conducting Fieldwork	Implemented
Geology SOP	Implemented
Technical Services Operations Manual	Implemented
Barge/Ship loading Policies	
Stockpile Retrieval	Implemented
Operation Stoppage Due to Rain	Implemented
Policy on LCT Refueling and Re-watering	Implemented
Cargo rejection by the vessel's captain based on can test	·
situational flowchart	Implemented
Insufficient equipment for barge loading due to excess	
empty LCTs at the beaching area situational flowchart	Implemented
Limonite mining: Insufficient material delivery of direct	
ore due to inaccessible mining are situational flowchart	Implemented
Limonite mining: Insufficient material delivery of direct	losselesses este d
ore due to quality problems situational flowchart	Implemented
Mining and Mine Engineering Policies	
Policy on Grade Control	Implemented
Policy on Volume Surveys	Implemented
Policy on Contract Mining	Implemented
Policy on Mine/Stockpile to Barge Truck Sampling	Implemented
Policy on MMD Sizer Material Flow and Beneficiation	Implemented
Policy on Shipment Vessel Nomination and Acceptance	Implemented
Survey Policy	Implemented
Exploration/development/production drilling/sampling Policy	Implemented

Policies & Procedures	Implementation
Assay Policies	
Policy on Equipment Calibration	Implemented
Policy on Determination of Nickel by EDTA Titration	Implemented
Policy on PAMCO Shipment Sampling, Sample Preparation	I manufa mananta d
and Moisture Determination	Implemented
Policy on Sample Preparation and Moisture Analysis of	Implemented
Run-of-Mine Ore Production Samples	Implemented
Warehouse Policies	
Policy on Consignment Billing Liquidation and Purchase	Implemented
Order Generation	Implemented
SOP on Purchase Requisition (Order as Required,	Implemented
Emergency on Credit, Stock Replenishment	Implemented
SOP on Receiving/Shipping of Stock Items	Implemented
SOP on Issuance/Storage of Stock Item	Implemented
SOP on Declaration and Disposal of Scrap	Implemented
SOP on Diesel Receiving, Issuances and Transfer	Implemented
Technical Services Policies	
Policy on Equipment Parts Evaluation/Inspection	Implemented
Policy on Corrective and Preventive Maintenance Work	Implemented
Scheduling	Implemented
Policy on Equipment Rehab Program and Evaluation	Implemented
Policy on Phasing out of Units	Implemented
Treasury Policy	Implemented
General Ledger and Financial Reporting Policies	
Financial Consolidation Policy	Implemented
Cash Receipts Policy	Implemented
Cash and Check Disbursements Policy	Implemented
Fixed Assets Policy	Implemented
Inventory Costing and Management	Implemented
Revenue Policy	Implemented
Bank Reconciliation	Implemented
Accruals and Reversals	Implemented
Foreign currency Translations	Implemented
Policy on Intercompany Reconciliation	Implemented
Period-end Closing	Implemented
Policy on Petty Cash	Implemented
Liquidation, Reimbursements, and Cash Advances Policy	Implemented

# (g) Mechanisms and Safeguards

State the mechanism established by the company to safeguard the independence of the auditors, financial analysts, investment banks and rating agencies (example, restrictions on trading in the company's shares and imposition of internal approval procedures for these transactions, limitation on the non-audit services that an external auditor may provide to the company):

Auditors (Internal and External)	Financial Analysts	Investment Banks	Rating Agencies
Internal auditor is considered a corporate insider subject to the policy on insider trading. Internal auditor reports	The Company does not retain financial analysts.	Under the insider trading policy of the Company, consultants and advisors providing financial, tax and legal advisory are	The Company does not engage rating agencies.

ir.		1
functionally to the	considered corporate	
Audit Committee and	insiders and are	
administratively to the	subject to the rules on	
Chief Executive Officer.	insider trading.	
All internal audit		
activities shall remain		
free of influence by		
any element in the		
organization, including		
matters of audit		
selection, scope,		
procedures, frequency,		
timing, or report		
content to permit		
maintenance of an		
independent and		
objective mental		
attitude necessary in		
rendering reports.		
The five (5) rotation of		
partner-in-charge of		
the external audit is		
observed.		
Audit Committee		
approval of non-audit		
services by the		
external auditor.		

(h) State the officers (preferably the Chairman and the CEO) who will have to attest to the company's full compliance with the SEC Code of Corporate Governance. Such confirmation must state that all directors, officers and employees of the company have been given proper instruction on their respective duties as mandated by the Code and that internal mechanisms are in place to ensure that compliance.

- a) Chairman of the Board Manuel B. Zamora, Jr.
- b) CEO Gerard H. Brimo
- c) Independent Directors Frederick Y. Dy and Fulgencio S. Factoran, Jr.

All management members have submitted to the CEO their certificate of compliance covering the year 2015.

#### H. ROLE OF STAKEHOLDERS

**a.** Disclose the company's policy and activities relative to the following:

	Policy	Activities
Customers' welfare	Please see explanation below	Please see explanation below
Supplier/contractor selection practice	Please see explanation below	Please see explanation below
Environmentally friendly value- chain	Please see explanation below	Please see explanation below

	Policy	Activities
Community interaction	Please see explanation below	Please see explanation below
Anti-corruption programmes and procedures	Please see explanation below	Please see explanation below
Safeguarding creditors' rights	Please see explanation below	Please see explanation below

#### Customers' Safety and Welfare

Our Group continually strives to satisfy our customers' expectations and concerns by giving utmost attention to their safety and welfare which we address as follow:

- Ores are loaded onto the customers' vessels when weather and sea conditions are favorable and with close coordination with the vessel captain.
- Ore size and specifications are strictly complied which are necessary for the safe and efficient operation of the customer processing facilities.
- Ore moisture is strictly monitored to comply with the customer and international maritime standards of up to 35% moisture content.
- The company-owned LCTs and barges have been issued with certificates of sea worthiness by the Marina and are being subjected to regular preventive maintenance and dry docking.
- Customer's representatives in mine site are provided with required personal protective equipment.

#### Supplier/Contractor Selection Practice

We promote fair dealings with our suppliers, creditors and other business partners. We honor our commitments to agreements and timely payments of contracted obligations. We explicitly disallows employees from any interest in or benefit from any supplier that could reasonably be interpreted as inducing favoritism towards a particular supplier over others.

We also require our suppliers to undergo an accreditation process before they engage in business with the Group. Among the criteria for accreditation are:

- Business longevity/legitimacy
  - The supplier/contractor should already be an established, reputable company and already existing for a number of years in the field of supply and rendering services.
- Financial Stability
  - a) The supplier/contractor should be able to extend reasonable credit terms once the volume of purchases reach a significant value.
  - b) The supplier/contractor must comply with some documentation requirements to ensure legitimacy, legality and financial stability of their company.
- Product/Service Exclusivity (Dealership)
  - a) The supplier/contractor should be equipped with sufficient number of manpower and required mobile equipment to sustain logistic services in terms of efficiency in the delivery of their products.
  - b) The supplier/contractor should have a very strong and established program to cater for the warranty of their products and after sales support.
- Product/Service Quality
  - a) The supplier/contractor should be equipped with adequate technical competence to support all queries of their clients when the need arises.
  - b) The supplier/contractor should be able to maintain the quality of their services during the preaccreditation period for a specific duration for them to be qualified for the final accreditation stage.
- Registered ISO member
  - Advantage but not necessarily a pre-requisite

The Group's purchases, as a general rule, are made on the basis of competitive bidding of accredited and qualified suppliers, in accordance with the aforementioned policy.

# Environmentally-Friendly Value Chain (Fuel, oil and lubricants/Plastic/Rubber/Steel/Hazardous Products)

Our business looks beyond lowest price and bottom line, and instead buys the best, safest and most suitable products in accordance with our policy. We seek assurances that our suppliers are also firms with an ethically sound CSR policy by ensuring that they have:

- Government-approved Environment Compliant Certificate
  - a) DENR
  - b) ECC
  - c) Local/Municipal Permits
- Accredited Treater/Transporter
  - a) Are technically-knowledgeable on Environmental Safety/Disposal Procedures
  - b) Complete line of machines/instruments/tools for material handling

#### **Community Interactions**

#### Sustainability Program

We adhere to the principles and practices of sustainable development. We are also committed to complying and following environmental regulations by implementing best practices in managing environmental impacts of our operations. Mining is a temporary land use and once mining operations in our sites have ended, we plan to restore these properties to at least as close as possible to their premining condition or to develop alternative productive land uses for the benefit of the surrounding communities.

To manage environmental impacts, the Company's subsidiaries have an EPEP. This refers to the comprehensive and strategic environmental management plan for the life of mining projects to achieve the environmental management objectives, criteria and commitments including protection and rehabilitation of the affected environment.

It is the operational link between the environmental protection and enhancement commitments under CDAO 2010-21, consolidated implementing rules and regulations of RA No. 7942, as well as those stipulated in the ECC under P.D. 1586 and the Contractor's plan of mining operation.

Activities undertaken through our Annual EPEP include, among others:

- Rehabilitation of mine disturbed areas
- Reforestation
- Construction and/or maintenance of environmental facilities
- Solid waste management
- Hazardous waste management
- Air quality monitoring and water quality monitoring
- Preservation of downstream water quality

The Group also complies with the ECC conditions and the performance of commitments through our Annual EPEP. This program is monitored and evaluated by the Multipartite Monitoring Team - a multisector group headed by a representative from the Regional Mines and Geosciences Bureau (MGB) and representatives of local government units, other government agencies, non-government organizations, people's organizations, the church sector and the Company.

#### Rehabilitation

In line with our commitment to maintain a sustainable environment in its areas of operation and abide by the Philippine Mining Act of 1995, the Company regularly conducts onsite environmental assessment to ensure that all its subsidiaries are strictly implementing progressive rehabilitation within standard set by regulatory agencies.

The process begins with re-contouring, backfilling and leveling the land. After this, the area is covered with top soil and other soil amelioration strategies to provide fertile ground for planting. We follow the "Sequential Planting Method", wherein we first plant fast growing species, then they are provided with a vegetative cover within 12 to 18 months to enable planting of other species. Another successful method

used is by utilizing large planting materials which resulted to more than 90% survival and high growth rate.

Creating a biodiversity area with varied species of vegetation including native fruit bearings trees will eventually be a source of food for a variety of wildlife species that will aid in rehabilitating mine affected areas by way of succession and regeneration. The rehabilitation effort is managed by our expert foresters with the help from indigenous peoples (IPs) from the locality, and we have demonstrated that a totally mined out area can be significantly re vegetated in just 12-18 months.

The end result is a sustainably managed forest far better than the stunted vegetation there before, because of the mineralized nature of the soil. For the year 2015, the Company spent a total of ₹396.8 million for EPEP.

As a means of restoring the disturbed areas from mining operations, the Company requires each mine site to create a decommissioning/ closure plan. The closure plan includes the process in which mined-out areas will be rehabilitated and monitored, until the rehabilitation criteria set by MGB are successfully satisfied. The program for final rehabilitation and decommissioning includes social package which include livelihood components for the host communities and the affected employees of our companies. The four operating subsidiaries have already developed their respective plans for review and approval of the MGB. As of December 31, 2015, the provision allotted for mine rehabilitation and decommissioning amounted to \$\mathbb{P}169.9\$ million.

Mine Rehabilitation is contained in the Mining Act of 1995. It's part of a Sustainable Development. It's part of our Best Practice at our subsidiary, Rio Tuba Nickel Mining Corporation. The work starts by recontouring, backfilling and leveling the land. Then we provide top soil to deliver a fertile ground for planting. Following the "Sequential Planting Method", we first plant fast growing species called Pioneer Species such as Batino, Acacia mangium, Acacia auriculiformis and others — all grown and nurtured in our nursery. These species provide vegetatiev cover within 3 years to enable the planting of "Climax Species" like Apitong, Ipil, Narra, Almaciga, Agoho, Kamagong and others which we need tree shade to grow. They form the core of the new forest stands. Native fruit-bearing trees are also planted to provide a source of food for wild animals that will eventually populate the forest. To ensure the survival of all these trees we have a forestry team. Composed mostly of indigenous people from the surrounding areas, the team conducts maintenance program like watering during summer, ringweeding cultivation around seedlings, application of compost and other related activities. The work of the team has achieved a survival rate of 90% for the trees.

The end result is a sustainably manged forest far better that the stunted vegetation there before, because of the mineralized nature of the soil.

#### Anti-corruption programmes and procedures

The Company's Code of Business Conduct and Ethics contain explicit provisions prohibiting any Officer, Director or employee from conducting any unlawful act including inducing or using third parties to circumvent laws, rules and regulations; and avoiding any conduct that may create the impression of unlawful or unethical conduct. The Code also provides guidelines and assistance in case of doubt as to the legality of any act. Violations to the Code are dealt with in accordingly.

#### Safeguarding Creditors' Rights

Creditor's rights are defined in the purchase order or contract especially by payment, warranty, penalty and others. We protect the rights of our creditors by publicly disclosing all material information, such as earnings results and risk exposures relating to loan covenants. Our disclosure controls and procedures also include periodic reports to our creditors such as our latest certified Financial Statements, among others.

b. Does the company have a separate corporate responsibility (CR) report/section or sustainability report/section?

Yes. Our Sustainability Report features in detail the Company's commitment to sustainable development as operationalized by its subsidiaries. We will post in our website a copy of our Sustainability Report for 2015.

#### **Corporate Social Responsibility Initiatives**

Social development programs are created and implemented in all the mines. The focus areas of these programs are designed to address needs of communities around the mine sites. These programs are carried out through the Social Development Management Plans (SDMPs) and Corporate Social Responsibility (CSR) activities of the Group. The main difference between the two programs is that the SDMP is required by the government, while CSR is voluntary on the part of the Group.

Each of our operating mines manages their social expenditures through its respective SDMPs. These are five-year programs that contain a list of priority projects identified and approved for implementation, in consultation with the host communities. Each mine site has a community relations team that is in charge of identifying and implementing SDMPs, and maintaining strong relationships with communities. Annually, each company sets aside a budget for SDMP projects that focus on health, education, livelihood, public utilities and socio-cultural preservation. The implementation of the programs are monitored, audited and evaluated by the Mines and Geosciences Bureau (MGB).

Our communities and employees are integral parts of our Company. We ensure the protection of their welfare and the improvement of the quality of their lives through our social responsibility programs.

We spent ₱121.4 million for SDMP in 2015.

The Company's CSR Program is anchored on 2 central elements:

- 1. Community Partnership and Relationship Building
  - a. Establishing and maintaining positive relationships with communities by having them as partners for community development and nation building
  - b. Partnership building with communities (both social and environmental) community as essential partners and not as mere beneficiaries
  - Community serving as the primary protector of the company through strong partnership and relationship
- 2. Leadership
  - a. Top management strongly supports the company's CSR initiatives
  - b. Social Investment –going beyond compliance and considering CSR not as an additional cost but as an investment.
- c. Performance-enhancing mechanisms for employee participation.
  - i. What are the company's policy for its employees' safety, health, and welfare?

#### Employee Health, Safety and Welfare

Health and safety are integral parts of our personnel policies. Our comprehensive safety program is designed to minimize risks to health arising out of work activities and to assure compliance with occupational health and safety standards and rules and regulations that apply to our operations.

- ii. Show data relating to health, safety and welfare of its employees.
  - a) We strictly require the utilization of protective equipment and safety devices.
  - b) First aid and emergency equipment are installed strategically in our work areas.
  - c) Safety in-house inspections are regularly conducted to identify hazards and unsafe conditions or practices.
  - d) Managers and supervisors regularly conduct safety briefings and meetings.

- e) Safety orientation training is also conducted for new employees and emergency preparedness training and drills are conducted periodically.
- f) We have a rigorous system of investigating accidents and near-misses to understand causes and implement corrective measures.
- g) We record and monitor lost time injuries, medically treated injuries, minor injuries and non-injury incidents which include near-miss incidents, and property damage and their frequency rates.
- h) We provide healthcare benefit to our employees and their dependents. Every year employees are given medical and healthcare orientation and a booklet through our health maintenance service provider. Our employees have their medical and physical examination every year. Aside from that, they are given flu vaccination once a year. In these ways, we make them aware of their health and medical condition.

Key safety statistics during 2015 follow:

Number of man-hours worked	23,653,483
Lost-time accidents	1
Frequency rate	0.04

We provide the following health benefits to all our regular employees.

Health Insurance (via HMO provider)
Group Life & Personal Accident Insurance
Dental services
Medicine Allowance
Health & wellness programs
Other Benefits
Free hospitalization at RTNFI Hospital
100% Hospitalization subsidy

We utilize the internet social media to publicize our activities, programs and projects in relation to the health and welfare of the employees, their dependents including the nearby communities of our mine sites.

iii. State the company's training and development programmes for its employees. Show the data.

#### **Training and Development Programs**

We have developed a training and development program for the employees based on the training needs analysis conducted. Every year, we provide training and development opportunities for all employees to enhance their knowledge, skills and competencies towards the achievement of their individual performance targets, as well as their career goals. The trainings cover a variety of aspects aimed at further enriching their technical competency, as well as their intangible or "soft skills" that would help them to do their role more effectively. All training activities are documented and included in the official newsletter/ magazine of the operating companies. Aside from this, an internal report is prepared and submitted by Human Resources after each training activity of the concerned departments.

During 2015, the Company conducted the following training and development programs for its officers and employees:

Item No.	Training Course	Training Provider	Date	Attendees (per level)		
				Executive Officer	Manager	Supervisor Rank & File
1	Fundamentals of Layrtime & Demurrage	IBC ASIA	April 16 to 17	2	1	1
2	ASEAN Corporate Governance Scorecard	Securities and Exchange Comission (SEC)	April 23		2	
3	Strategic Recruitment	Powermax Consulting, Inc.	April 30		1	
4	Valuation & Technical Economic Assessment for Mining Projects and M&A's	IBC ASIA	May 11 to 12	2		2
5	Job Contracting and Against Labor-only Contracting	Powermax Consulting, Inc.	May 21		1	
6	China Nickel Conference	IBC ASIA	May 27 to 28	4		0
7	Job Evaluation and Design of salary structure	Powermax Consulting, Inc.	June 18			2
8	Budgeting & Forecasting using Excel	Financial Planning Practitioner Institute (FPPI)	June 18 to 19		1	3
9	Maintenance Cost Management & Optimizing Preventive Maintenance Decision	Petro1 SDN BHD	July 27 to 31		1	1
10	Certified Human Resource Professional (CHRP) program	International Federation of Professional Managers (IFPM)	August 1, 8 & 15			1
11	Coastal Engineering Asia	Trueventus SDN BHD	August 5 to 6	1	1	1
12	New Revenue Recognition Standard (Intro to IFRS 15)	SGV & Co.	August 18		4	1
13	Tax and Accounting Congress	Powermax Consulting, Inc.	September 24 to 25			3
14	Project Management Professional (PMP) workshop	KnowledgeHut, Inc.	September 29 to 30	1	1	5
15	88th Management Development Program	ASIAN INSTITUTE OF MANAGEMENT	November 9 to December 4	4	2	

iv. State the company's reward/compensation policy that accounts for the performance of the company beyond short-term financial measures

The Company has an Employee Stock Option Plan to reward Officers and Directors and to link the former's interest to the Company and the stockholders. Employees are given benefits under the collective bargaining agreements which are way and above the standards provided by the Labor code, as amended, and other allied laws.

d. What are the company's procedures for handling complaints by employees concerning illegal (including corruption) and unethical behaviour? Explain how employees are protected from retaliation.

The Company's Code of Business Conduct and Ethics contains explicit provisions and guidelines for every officer and employee when faced with issues on legality of an act and behavior. Our whistle-blowing policy includes detailed procedures related to raising complaints on possible violations of the Code, investigations, protection against retaliations, monitoring and recording of complaints.

# I. DISCLOSURE AND TRANSPARENCY

# a. Ownership Structure

i.Holding 5% shareholding or more

Shareholder	Number of Shares	Percent	Beneficial Owner
PCD Nominee Corp (Filipino)	4,450,021,473	58.58%	Public
Sumitomo Metal Mining Philippine Holdings Corp.	1,444,657,926; 500,110,212 (indirect through PCD Nominee Corp.)	19.02% 6.58%	None
PCD Nominee Corp. (Foreign)	888,047,019	11.69%	Public
Nonillion Holding Corp.	770,000,000	10.14%	Luis J. L. Virata

Name of Senior Management	Number of Direct shares	Number of Indirect shares / Through (name of record owner)	% of Capital Stock
Manuel B. Zamora, Jr.	5,982,236	238,528/through PCD Nominee Corp. 1,944,768,138/through Mantra Resources Corporation	25.68%
Philip T. Ang	1,616,724	147,036/through PCD Nominee Corp. 1,016,731,328/through Ni Capital Corporation	13.40%
Luis J. L. Virata	400	970,838,016/ through PCD Nominee Corp. and Nonillion Holding Corp.	12.78%
TOTAL	7,599,360	3,932,723,046	51.86%

# b. Does the Annual Report disclose the following:

Key risks	Yes
Corporate objectives	Yes
Financial performance indicators	Yes
Non-financial performance indicators	Yes
Dividend policy	Yes
Details of whistle-blowing policy	Yes
Biographical details (at least age, qualifications, date of first appointment, relevant experience, and any other directorships of listed companies) of directors/commissioners	Yes
Training and/or continuing education programme attended by each director/commissioner	Yes
Number of board of directors/commissioners meetings held during the year	Yes
Attendance details of each director/commissioner in respect of meetings held	Yes
Details of remuneration of the CEO and each member of the board of directors/commissioners	Yes

Should the Annual Report not disclose any of the above, please indicate the reason for the non-disclosure.

#### c. External Auditor's fee

Name of auditor	Audit Fee	Non-audit Fee
SGV & Co.	Php11,315,821	Php1,655,160

#### d. Medium of Communication

List down the mode/s of communication that the company is using for disseminating information.

The Company uses written communication in disseminating information to its shareholders. It also discloses certain matters for the benefit of the shareholders through the Philippine Stock Exchange website.

e. Date of release of audited financial report: March 15, 2016

#### f. Company Website

Does the company have a website disclosing up-to-date information about the following?

Business operations	Yes
Financial statements/reports (current and prior years)	Yes
Materials provided in briefings to analysts and media	Yes
Shareholding structure	Yes
Group corporate structure	Yes
Downloadable annual report	Yes
Notice of AGM and/or EGM	Yes
Company's constitution (company's by-laws, memorandum and articles of association)	Yes

Should any of the foregoing information be not disclosed, please indicate the reason thereto.

#### 7) Disclosure of RPT (In Thousands)

RPT	Relationship	Nature	2015	2014
Pacific Metals				
Co., Ltd.	Stockholder	Sale of ore	Php2,853,830	Php4,120,959
		Draft survey fee	359	630
		Despatch income	7,008	6,419
		Other service fee	224	262
Sumitomo				
Metal Mining				
Co., Ltd.	Stockholder	Sale of ore	438,851	879,528
		Guarantee service fee	124,194	134,766
Nickel Asia				
Holdings Inc.	Stockholder	Short-term advances	14	21

RPT	Relationship	Nature	2015	2014
Manta	With Common			
Equities Inc.	Stockholders	Rentals, dues and utilities	26,687	25,639
		Rental deposits	10,163	9,917
		Short-term advances	3	64
		Loan facility	180,000	-
		Interest income on loan	5,066	-
Taganito HPAL Nickel				
Corporation	Associate	Sale of ore	1,114,844	1,434,220
		Rendering of service	129,202	130,310
		Materials handling	270,185	267,504
		Rental income	6,703	6,703
		Rental deposit	3,352	3,352
		Rendering of other service	2,208	2,054
		Short-term advances	21,484	21,621
Coral Bay Nickel				
Corporation	Associate	Sale of ore and services	1,543,469	2,087,569
		Infralease and throughput	48,152	47,829
		Other income	24,682	60,698
		Short-term advances	544	-

Refer to Note 34 of the Notes to Consolidated Financial Statements.

When RPTs are involved, what processes are in place to address them in the manner that will safeguard the interest of the company and in particular of its minority shareholders and other stakeholders?

The Board reviews significant related party transactions to determine whether they are in the best interests of the Company and the terms and conditions are fair and reasonable.

### J. RIGHTS OF STOCKHOLDERS

1) Right to participate effectively in and vote in Annual/Special Stockholders' Meetings

# (a) Quorum

Give details on the quorum required to convene the Annual/Special Stockholders' Meeting as set forth in its By-laws.

Quorum Required	Majority of the Outstanding	
Quorum Requireu	Capital Stock	

#### (b) System Used to Approve Corporate Acts

Explain the system used to approve corporate acts.

System Used	Please see explanation below
Description	

Corporate acts that require the approval of stockholders are brought before them during the stockholders meeting and are put to vote according to the provisions of the Corporation Code. The resolutions which need approval are indicated in the notice sent to the stockholders prior to the meeting.

#### (c) Stockholders' Rights

List any Stockholders' Rights concerning Annual/Special Stockholders' Meeting that differ from those laid down in the Corporation Code.

The Stockholders have not been given any rights different from those provided under the Corporation Code.

#### Dividends

Type of Dividend	<b>Declaration Date</b>	Record Date	Payment Date
Cash	April 5, 2013	April 22, 2013	May 14, 2013
Stock	June 3, 2013	June 18, 2013	July 12, 2013
Cash	March 24, 2014	April 10, 2014	May 8, 2014
Special Cash	November 10, 2014	November 24, 2014	December 10, 2014
Stock	December 18, 2014	January 12, 2015	January 28, 2015
Regular and Special Cash	March 27, 2015	April 15, 2015	April 27, 2015
Stock	June 5, 2015	July 16, 2015	August 11, 2015
Cash	March 15, 2016	March 31, 2016	April 12, 2016

### (d) Stockholders' Participation

 State, if any, the measures adopted to promote stockholder participation in the Annual/Special Stockholders' Meeting, including the procedure on how stockholders and other parties interested may communicate directly with the Chairman of the Board, individual directors or board committees. Include in the discussion the steps the Board has taken to solicit and understand the views of the stockholders as well as procedures for putting forward proposals at stockholders' meetings.

Measures Adopted	Communication Procedure
Please see explanation below	

All shareholders were notified of the date and venue of the meeting and were given materials as to the resolutions to be passed and other items in the agenda prior to the meeting. Everyone was encouraged to ask questions before the Board during the meeting.

- 2. State the company policy of asking shareholders to actively participate in corporate decisions regarding:
  - a. Amendments to the company's constitution
  - b. Authorization of additional shares
  - c. Transfer of all or substantially all assets, which in effect results in the sale of the company

The Company follows the provisions of the Corporation code in the voting requirement for the approval by the shareholders of the abovementioned corporate acts.

3. Does the company observe a minimum of 21 business days for giving out of notices to the AGM where items to be resolved by shareholders are taken up?

The Company sends timely notice of meetings to shareholders. Notice stating the date, time and place of the annual meeting are announced at least thirty (30) days prior to the scheduled annual meeting.

a. Date of sending out notices:

07 May 2015

b. Date of the Annual

05 June 2015

4. State, if any, questions and answers during the Annual/Special Stockholders' Meeting.

No significant questions were asked by the shareholders during the meeting.

5. Result of Annual General Meeting's Resolutions

The Company's 2015 Annual Stockholders' Meeting was held on 05 June 2015 with the following results:

Resolution	Approving	Dissenting	Abstaining
Approval of Minutes of 04 June 2014 Annual Stockholders' Meeting	3,633,858,460	0	107,600
Approval of Annual Report and Audited Financial Statements for the Year Ended 31 December 2014	3,629,581,860	2,021,700	2,089,500
Approval of the Amendment of Article 7 <sup>th</sup> of the Articles of Incorporation	3,624,703,060	8,882,400	107,600
Declaration of 100% Stock Dividend	3,628,508,060	5,077,400	0107,600
Ratification of acts of the Board of Directors and Executive Officers	3,629,582,130	0	4,111,200
Appointment of External Auditor (Sycip Gorres Velayo & Co.)	3,633,585.460	0	107,600

6. Date of publishing of the result of the votes taken during the most recent AGM for all resolutions:

05 June 2015

# (e) Modifications

State, if any, the modifications made in the Annual/Special Stockholders' Meeting regulations during the most recent year and the reason for such modification:

Modifications	Reason for Modification
None.	

# (f) Stockholders' Attendance

(i) Details of Attendance in the Annual/Special Stockholders' Meeting Held:

Type of Meeting	Names of Board members / Officers present	Date of Meeting	Voting Procedure (by poll, show of hands, etc.)	% of SH Attending in Person	% of SH in Proxy	Total % of SH attendance
Annual Special	1. Manuel B. Zamora, Jr Chairman 2. Philip T. Ang - Vice Chairman 3. Luis J. Virata - Director 4. Gerard H. Brimo - Director, President and CEO 5. Martin Antonio G. Zamora - Director, SVP - Marketing and Strategic Planning 6. Takanori Fujimura - Director 7. Takeshi Kubota - Director 8. Fulgencio S. Factoran, Jr Independent Director 9. Frederick Y. Dy - Independent Director 10. Barbara Anne C. Migallos - Corporate Secretary 11. Emmanuel L. Samson — SVP-Finance, CFO 12. Raymundo B. Ferrer — SVP - Security and Administration 13. Jose B. Anievas — SVP - Operations, COO 14. Rolando R. Cruz - VP Operations 15. Jose Roderick F. Fernando - VP Legal and Special Projects 16. Jose Bayani D. Baylon - VP Corporate Communications 17. Koichi Ishihara - VP Marketing and Purchasing 18. Ma. Angela G. Villaluna - VP Internal Audit 19. Augusto C. Villaluna - VP Operations 20. Gerardo Ignacio B. Ongkingco - VP Human Resources	05 June 2015	By poll	0.02%	76.83%	76.85%

(ii) Does the company appoint an independent party (inspectors) to count and/or validate the votes at the ASM/SSMs?

Yes. The Company retains the services of Stock Transfer Service, Inc. for this purpose.

(iii) Do the company's common shares carry one vote for one share? If not, disclose and give reasons for any divergence to this standard. Where the company has more than one class of shares, describe the voting rights attached to each class of shares.

Yes, the Company's common shares carry one vote per share. The Company's preferred shares have the same voting rights as those of the common shares.

#### (g) Proxy Voting Policies

State the policies followed by the company regarding proxy voting in the Annual/Special Stockholders' Meeting.

	Company's Policies
Execution and acceptance of proxies	
Notary	As provided under the Company's by-laws, a shareholder
Submission of Proxy	may vote by proxy, which shall be valid only for the meeting at which it has been presented to the Secretary. All proxies
Several Proxies	must be in the hands of the Secretary before the time set
Validity of Proxy	for the meeting. Proxies filed with the Secretary may be revoked by the shareholders either in an instrument in writing duly presented and recorded with the Secretary,
Proxies executed abroad	
Invalidated Proxy	prior to a scheduled meeting or by their personal presence at the meeting.
Validation of Proxy	
Violation of Proxy	

As provided under the Company's by-laws, a shareholder may vote by proxy which shall be valid only for the meeting at which it has been presented to the Secretary. All proxies must be in the hands of the Secretary before the time set for the meeting. Proxies filed with the Secretary may be revoked by the shareholders either in an instrument in writing duly presented and recorded with the Secretary, prior to a scheduled meeting or by their personal presence at the meeting.

#### (h) Sending of Notices

State the company's policies and procedure on the sending of notices of Annual/Special Stockholders' Meeting.

Policies	Procedure
Please see explanation below	

Notices for regular or special meetings of shareholders may be sent by the Secretary by personal delivery or mail at least 2 weeks prior to the date of the meeting to each shareholder of record at his last known address. The notice shall state the place, date, and hour of the meeting, and the purpose or purposes for which the meeting is called.

When the meeting or shareholders is adjourned to another time or place, it shall not be necessary to give any notice of the adjourned meeting if the time and place to which the meeting is adjourned are announced at the meeting at which the adjournment is taken. At the reconvened meeting, any business may be transacted that might have might have been transacted on the original date of the meeting.

#### (i) Definitive Information Statements and Management Report

Number of Stockholders entitled to receive	48
Definitive Information Statements and	
Management Report and Other Materials	
Date of Actual Distribution of Definitive	07 May 2015
Information Statement and Management	
Report and Other Materials held by market	
participants/certain beneficial owners	
Date of Actual Distribution of Definitive	07 May 2015
Information Statement and Management	
Report and Other Materials held by	
stockholders	
	Hard copies of the notices were distributed with
State whether CD format or hard copies were	the Definitive Information Statements and the
distributed	Audited Consolidated Financial Statements in
	CD Format.
If yes, indicate whether requesting stockholders	Yes, requesting stockholders were provided
were provided hardcopies	hardcopies.

#### (j) Does the Notice of Annual/Special Stockholders' Meeting include the following:

Each resolution to be taken up deals with only one item.	Yes
Profiles of directors (at least age, qualification, date of first appointment, experience, and directorships in other listed companies) nominated for election/re-election.	Yes
The auditors to be appointed or re-appointed.	Yes
An explanation of the dividend policy, if any dividend is to be declared.	Yes
The amount payable for final dividends.	Yes
Documents required for proxy vote.	Yes

Should any of the foregoing information be not disclosed, please indicate the reason thereto.

#### 2) Treatment of Minority Stockholders

(a) State the company's policies with respect to the treatment of minority stockholders.

Minority stockholders receive the same treatment as the majority stockholders and as provided under the law.

(b) Do minority stockholders have a right to nominate candidates for board of directors?

Yes. Under the Company's by-laws all shareholders, regardless of the number of shareholdings, have the right to nominate candidates for the Board.

#### K. INVESTORS RELATIONS PROGRAM

1) Discuss the company's external and internal communications policies and how frequently they are reviewed. Disclose who reviews and approves major company announcements. Identify the committee with this responsibility, if it has been assigned to a committee.

The Company is committed to making timely, full and accurate disclosures and distributing other corporate communication materials in accordance with the disclosure rules of the Philippine Stock Exchange.

External and internal communications are handled by the Corporate Communications, Legal, and Investor Relations units. Major company announcements are reviewed and approved by the VP-Corporate Communications, VP-Legal, SVP-Strategic Planning, the Chief Financial Officer, and the President and CEO.

The policy is subject to regular review by senior management and the Board of Directors to ensure its effectiveness. Updates and amendments (as appropriate) will be made to reflect current best practices in our communication with the investment community.

2) Describe the company's investor relations program including its communications strategy to promote effective communication with its stockholders, other stakeholders and the public in general. Disclose the contact details (e.g. telephone, fax and email) of the officer responsible for investor relations.

	Details		
(1) Objectives	To make timely, full and accurate disclosures and distributing other corporate communication materials in accordance with the disclosure rules of the Philippine Stock Exchange.		
(2) Principles	The Company is committed to upholding the integrity of the capital markets by making timely, full and accurate disclosures, and allowing equitable access to information in terms of timing and content among market participants through the various modes of communications.		
(3) Modes of Communications	through the various modes of communications.  The Company actively engages the investment community via:  1. Annual General Meeting and Special Shareholders Meeting, if necessary;  2. Quarterly results are posted on the Company's corporate website;  3. One-on-one/group meetings or conference calls, investor luncheons, local/overseas roadshows and conferences;  4. Mine site and plant visits;  5. Annual reports;		
(4) Investors Relations Officer	6. News releases and statements.  Mr. Emmanuel L. Samson  Tel. +632 7987622  Fax +632 892 5344  Email manny.samson@nickelasia.com		

3) What are the company's rules and procedures governing the acquisition of corporate control in the capital markets, and extraordinary transactions such as mergers, and sales of substantial portions of corporate assets?

Name of the independent party the board of directors of the company appointed to evaluate the fairness of the transaction price.

#### Company's Rules and Procedures for Mergers and Acquisitions:

- Senior Management assesses a potential transaction in the context of strategic goals of the Company and the group;
- 2) After pre-clearing the potential transaction with the Chairman, a more detailed due diligence procedure is conducted. A project team composed of members from operations, technical, financial, legal, internal audit, etc.) is formed, and external advisors (legal, accredited appraiser/valuator, tax lawyer, etc.) are engaged;
- 3) The project team reports the key transaction risks and proposed mitigation strategies, as well as the terms of the proposed offer, structure and other arrangements to the CEO;
- 4) The CEO reviews the project team's report and obtains the approval of the Board of Directors;
- 5) After the Board approval, the final bid or offer is prepared and the binding terms of the definitive agreements are negotiated and discussed;
- 6) Once an agreement is reached and the acquisition documents are signed, the transaction is disclosed to the public following the SRC and PSE rules on disclosures.

#### Company's Rules and Procedures for Divestments:

- 1) Senior Management assesses the portfolio or assets, investments or business unit in the context of strategic goals of the Company and the group;
- 2) A project group composed of members from legal, finance, technical, etc. prepares the proposed divestment plan. Consultants (tax lawyer, legal, internal audit, etc.) are engaged;
- 3) The CEO reviews the divestment plan and obtains the approval of the Board of Directors;
- 4) After the Board approval, the final divestment plan with potential buyers and target selling price is prepared;
- 5) A Non-Disclosure Agreement (NDA) is signed with the potential buyers;
- 6) After signing the NDA/exclusivity agreement, due diligence by potential buyers commences;
- 7) Offers are evaluated by a committee that will be formed by Management, who recommends the best offer to the Board of Directors and Stockholders, if necessary, for approval;
- 8) Once approved, the final bid or offer is prepared and the binding terms of the definitive agreements are negotiated and discussed;
- After signing, the transaction is then disclosed to the public following the SRC and PSE rules on disclosures.

In 2014, the firm of Maceda Valencia & Co was engaged to issue a valuation opinion report on the Coral Bay Nickel Corporation shares received as property dividends from RTN.

# L. CORPORATE SOCIAL RESPONSIBILITY INITIATIVES

Discuss any initiative undertaken or proposed to be undertaken by the company.

On top of the Company's Social Development and Management Program wherein the operating mines are mandated to provide social, livelihood, and economic assistance to the host and neighboring communities, the Company has the following CSR initiatives:

Initiative	Beneficiary
NAC-wide Medical-Surgical Mission	CMC: 20 patients: 9 for surgical operation, 11 for medical consultation and provided with medicines/supplements; HMC: 55 beneficiaries: free

	consultations, check-ups and surgical	
	operation	
Women's month celebration (Fun Run, Tree Planting Activity and Spa Party)	Regular (21) and casual (23) women employees - members of the Women in	
	Mining organization and 350 women of Valencia	
TESDA training for Lady Drivers (truck driving)	12 ladies from CMC host and neighboring communities	
1 Unit Classroom Sponsorship for Dinagat Basketball	Loreto Academy (High School)	
Association League for the community		
Feeding Program to Orphanage	26 children of Charisma Bethel Children's Home	
Basketball Clinic	265 participants for the Basketball clinic and 8 participants for the Coaching Clinic	
Community Basketball Tournament	Participated in by 10 teams (junior and	
	senior category, 5 teams each) from the	
	5 puroks from the host communities	
Senior Citizens Christmas Party	161 Senior citizens from the host	
	communities	
Indigenous People (IP) - Scholarship	AMPANTRIMTU IP Scholars	
Assistance to various trainings, activities and electric bill	Punta Naga Elementary School	
Construction of Drainage System	Punta Naga Village	
Fabrication of Furniture & Fixtures for school	Punta Naga Elementary School	
Construction of Punta Naga GK Village Road and Street Lights (Phase 1)	Punta Naga Village	
Construction of School One Storey Building	Punta Naga Elementary School	
Fiesta and Bereavement Assistance	Brgy. Urbiztondo, Taganito BLGU, BLGU- Gigaquit & Socorro, Claver - LGU	
Stakeholders party	14 Mining Barangays	
Assistance to PSITE Caraga	Various Barangay/Organization (within	
•	and outside Claver)	
Assistance to Employee's family day	Claver - LGU	
Provision for quarterly & annual dues, food and venue charges	Verious Boron zous / Crouns / Organizations	
during regular meeting, assistance to indigent Manobo people of Cabangahan, Cantilan, Surigao del Sur	Various Barangays/Groups/Organizations within the Province	
IP road Widening at Taga-2 Pit 30 and spreading matting materials at MP30 Barubangkaw Taga 2 area	IP Mamanwa-Punta Naga	
Medical Mission 2015: US based and local doctors anually	Total number of patients 3242 OPD: 3044	
conduct a medical mission for Palawan people	Minor 110 Major: 59, Optha: 23	
Regular delivery of potable water	Residents of Rio Tuba and Sitio Biya-Biya,	
	Taratak and Philippine Navy anchored at the Pier jetty	
Financial assistance given to LAC Sessions of different schools in Bataraza	3 schools	
Donation of 1 unit reloading machine with complete accessories	Members of the Rio Tuba Gun Club	
Accommodation of minesite and plantsite tours for students, teachers and local government officials	Schools from Puerto Princesa and members of the office of the PPC Government; 10 Palawan based dentists and 6 students	
Financial assistance to the Feeding Program, Medical and Dental Mission of the Provincial Health Office to deserving children of Barangay Buliluyan and Sandoval	100 children of Barangay Buliluyan and Sandoval	
Financial assistance to Dep Ed Palawan in support of the MRAA Meet 2015	Student athletes of Palawan	

Financial assistance to support Barangay Rio Tuba in the	45 students of RTNHS and construction	
Municipal Foundation Celebration of Bataraza	of barangay float	
Provision of monthly incentives for Barangay Coordinators	11 Barangay Coordinators	
within Impact Barangays	-	
Support to Rio Tuba Barangay Foundation thru provision of	De the confident le	
chairs, tables, sound system and holding of one barangay Residents of Rio Tuba		
night		
Various financial assistance to school founding anniversaries	8 schools within Southern Palawan	
and alumni homecoming		
Procurement of school supplies for IP Pupils	389 IP Pupils	
Donation of 1 5KW Generator Set	Culandanum Elementary School	
Donation of various sports equipment for Zone Meet and	5-6 schools within Bataraza	
Brigada Eskwela 2015	5 0 3CHOOIS WITHIN BUTTURE	
Financial assistance to construct a parish hall in Narra	Community	
Donation of seedlings to schools and to the Philippine Marines	700 pcs seedlings given to the Philippine	
	Marines, and 2 schools	
Educational assistance for scholars	9 scholars in Bataraza	
Support to World Malaria Day in Rio Tuba	100 paricipants	
Donation of water dispenser for DENR CENRO	CENRO Office, Brooke's Point	
Donation to Rio Tuba Hari Raya Celebration	Muslims within Rio Tuba	
Donation to Bataraza Educators Multipurpose Cooperative for	Taraham af Datama	
livelihood StartUp	Teachers of Bataraza	
Road repairs within Rio Tuba	Residents of Rio Tuba	
Annual Pamaskong Handog: Giving of goods to IP families	4000 ID fili	
within the impact barangays	4689 IP families	
Financial assistance to complete convent of Sto. Nino Quasi		
Parish	Parishioners mostly within Rio Tuba	
PaBA Program: A municipal wide provincial league in Palawan	7 seb sel buildings siven to	
sponsored by RTNMC and CBNC. Prizes of the champions are	7 school buildings given to	
school buildings for their municipalites	4 municipalities/city	

# M. BOARD, DIRECTOR, COMMITTEE AND CEO APPRAISAL

Disclose the process followed and criteria used in assessing the annual performance of the board and its committees, individual director, and the CEO/President.

	Process	Criteria
Board of Directors	Please see explanation below	Please see explanation below
<b>Board Committees</b>	Please see explanation below	Please see explanation below
Individual Directors	Please see explanation below	Please see explanation below
CEO/President	Please see explanation below	Please see explanation below

The Board of Directors has established an assessment or rating system to measure the performance of the Board; the Directors; and of the CEO. The Board sets the criteria in the assessment of the Board and the Directors. The assessment of the performance of the CEO is undertaken by the Board in executive session.

In the case of the audit committee, the criteria includes the guidelines provided under the SEC Memorandum Circular No. 4, series of 2012. The self-rating results are summarized by the Corporate Secretary and presented to the Board. Performance appraisal of the CEO is conducted by the Board based on these dimensions: strategy and vision, leadership, innovation, operating metrics, risk management, people management, and external relationships.

#### N. INTERNAL BREACHES AND SANCTIONS

Discuss the internal policies on sanctions imposed for any violation or breach of the corporate governance manual involving directors, officers, management and employees

Violations	Sanctions
Please see explanation below	

Under the Company's Code of Business Conduct and Ethics, all complaints and/or disclosures about violations of the Manual, the Code of Business Conduct and Ethics, other corporate governance rules, the Code of Discipline, and related or equivalent policies are handled by the Investigating Unit or the ad hoc committee which may adopt procedures in implementing disciplinary action in the Code of Discipline or equivalent policy of the Company. Otherwise, it shall adopt comprehensive policies and procedures for the proper handling, investigation, resolution and reporting of all whistleblower complaints referred to it. The Investigating Unit shall ensure that the investigation is conducted in accordance with existing laws, regulations, applicable Company policies and procedures, and due process.

If the complaint is determined to have been substantiated, the Corporate Governance Officer shall issue a report for appropriate action under the Code of Discipline or equivalent Company rules. The respondent shall be informed in writing of the particular act constituting the offense or infraction imputed to him, shall be required to answer the charges against him and shall be afforded the opportunity to be heard and to defend himself. Investigation and determination of the appropriate disciplinary action shall be in accordance with the Company's Code of Discipline or equivalent policy of the Company.

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	TAGUIG CITY	) S.S.

# SECRETARY'S CERTIFICATE

I, JOSE RODERICK F. FERNANDO, of legal age, Filipino, with office address at 28<sup>th</sup> Floor NAC Tower 32<sup>nd</sup> Street, Bonifacio Global City, Taguig, do hereby state and depose that:

- 1.) I am the duly appointed Assistant Corporate Secretary of **NICKEL ASIA CORPORATION** (the "Company"), a corporation duly established and existing under the laws of the Philippines with principal office address at 28<sup>th</sup> Floor NAC Tower 32<sup>nd</sup> Street Bonifacio Global City, Taguig.
- 2.) As such Assistant Corporate Secretary, I have in my custody records of the Company including the minutes of the meetings of the Board of Directors.
- 3.) On 11 January 2016, the Company submitted with the Securities and Exchange Commission (SEC) its Consolidated Updates on the Company's Annual Corporate Governance Report (ACGR) for the year 2015;
- The Company hereby submits the attached Updated ACGR which includes the updates submitted in January to be attached to the Companies Annual Audited Financial Statements for the year 2015;
- IN WITNESS WHEREOF, I hereunto set forth my hand this \_\_\_\_\_\_ at Taguig City, Philippines.

5.) This Secretary's Certificate is being issued in lieu of the signatures required in the ACGR

JOSE RODERICK F. FERNANDO
Assistant Corporate Secretary

APR 0 4 2016

SUBSCRIBED AND SWORN TO BEFORE ME this \_\_\_\_\_\_ affiant showing to me his Passport No. EB7275407 issued on 02 February 2013 at Manila, Philippines.

Doc. No. <u>508</u>; Page No. <u>84</u>; Book No. <u>1</u>; Series of 2016.

Appointment No. 224 (2015-2016)

Notary Public for any in the Cities of Pasig,
Taguig and San Jun and the Municipality of Pateros,
Metro Mania, Until December 31, 2016

Roll No. 58552,

Roll No. 58552,
PTR No. A-2846453/28 January 2016/Taguig City
IBP No. 1026396/21 January 2016/Quezon City
MCLE Compliance No. IV-0013254, 5 March 2013
28F, NAC Tower. 32nd St. BGC, Taguig City



# STATEMENT OF MANAGEMENT'S RESPONSIBILITY FOR CONSOLIDATED FINANCIAL STATEMENTS

The management of **Nickel Asia Corporation and Subsidiaries** ("the Group") is responsible for the preparation and fair presentation of the consolidated financial statements for the years ended December 31, 2015 and 2014, including the additional components attached therein, in accordance with Philippine Financial Reporting Standards. This responsibility includes designing and implementing internal controls relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error, selecting and applying appropriate accounting policies, and making accounting estimates that are reasonable in the circumstances.

The Board of Directors reviews and approves the consolidated financial statements and submits the same to the stockholders of the Group.

Sycip, Gorres, Velayo & Co., the independent auditors, appointed by the directors and stockholders, has examined the consolidated financial statements of the Group in accordance with Philippine Standards on Auditing, and in its report to the stockholders, has expressed its opinion on the fairness of presentation upon completion of such examination.

Manuel B. Zamora M Chairman of the Board

Gerard H. Brimo

President and Chief Executive Officer

**Emmanuel L. Samson** 

Senior Vice President/Chief Financial Officer

Signed this 15th day of March 2016

RYAN RENE C. JORNADA
(Appointment No. 224 (2015-2016)
Notary Public for and in the Cities of Pasig,
Taguig and San Juan and the Municipality of Pateros,
Metro Manila, Until December 31, 2016
Roll No. 58552

PTR No. A-2646453/28 January 2016/Taguig City IBP No. 1026396/21 January 2016/Quezon City MCLE Compliance No. IV – 0013254, 5 March 2013 28F NAC Tower, 32<sup>nd</sup> Street, BGC, Taguig City

SUBSCRIBED AND SWORN to before me this 1 April 2016, at Taguig City, affiants exhibiting to me their respective IDs.

Doc. No. 500; Page No. 82; Book No. 7; Series of 2016.



SyCip Gorres Velayo & Co. 6760 Ayala Avenue 1226 Makati City Philippines

Tel: (632) 891 0307 Fax: (632) 819 0872 ev.com/ph BOA/PRC Reg. No. 0001, December 14, 2015, valid until December 31, 2018 SEC Accreditation No. 0012-FR-4 (Group A), November 10, 2015, valid until November 9, 2018

#### INDEPENDENT AUDITORS' REPORT

The Stockholders and the Board of Directors Nickel Asia Corporation and Subsidiaries 28th Floor, NAC Tower 32nd Street, Bonifacio Global City Taguig City

We have audited the accompanying consolidated financial statements of Nickel Asia Corporation and Subsidiaries, which comprise the consolidated statements of financial position as at December 31, 2015 and 2014, and the consolidated statements of income, statements of comprehensive income, statements of changes in equity and statements of cash flows for each of the three years in the period ended December 31, 2015, 2014 and 2013, and a summary of significant accounting policies and other explanatory information.

# Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with Philippine Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

# Auditors' Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with Philippine Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.







# **Opinion**

In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of Nickel Asia Corporation and Subsidiaries as at December 31, 2015 and 2014, and their financial performance and cash flows for each of the three years in the period ended December 31, 2015, 2014 and 2013 in accordance with Philippine Financial Reporting Standards.

SYCIP GORRES VELAYO & CO.

Eleanore A. Layug

Partner

CPA Certificate No. 0100794

SEC Accreditation No. 1250-A-1 (Group A), January 7, 2016, valid until January 6, 2019 Tax Identification No. 163-069-453

BIR Accreditation No. 08-001998-97-2015, January 5, 2015, valid until January 4, 2018

PTR No. 5321646, January 4, 2016, Makati City

March 15, 2016



# NICKEL ASIA CORPORATION AND SUBSIDIARIES

# CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(Amounts in Thousands)

Trade and other receivables (Note 5)   Inventories (Note 6)   3, Available-For-sale (AFS) financial assets (Note 7)   5, Aprepayments and other current assets (Note 8)   7   7   7   7   7   7   7   7   7	December 31	
Current Assets         P7, 1777           Cash and cash equivalents (Note 4)         97, 1777           Trade and other receivables (Note 5)         3, Available-for-sale (AFS) financial assets (Note 7)         5, 187           Prepayments and other current assets         16, 187           Noncurrent Assets         16, 187           Property and equipment (Note 9)         9, 16           Geothermal exploration and evaluation assets (Note 13)         6, 18           Investments in associates (Note 11)         4, 44           AFS financial assets - net of current portion (Note 7)         2           Long-term stockpile inventory - net of current portion (Note 12)         2           Deferred income tax assets - net (Note 36)         1           Investment properties (Note 10)         3, 1           Other noncurrent assets - net (Note 36)         2           Investment properties (Note 10)         3, 1           Other noncurrent assets (Note 14)         3, 2           Total Noncurrent Assets         24, 2           TOTAL ASSETS         P41, 2           LIABILITIES AND EQUITY         2           Current Liabilities         7           Total Current Liabilities         7, 5           Current portion of long-term debt (Note 16)         3, 7           Other current	2015	2014
Current Assets		
Cash and cash equivalents (Note 4)         P7, Trade and other receivables (Note 5)         97, Trade and other receivables (Note 5)         3, Available and other receivables (Note 5)         3, Available for-sale (AFS) financial assets (Note 7)         5, Prepayments and other current assets (Note 8)         16, Available for-sale (AFS) financial assets (Note 8)         16, Noncurrent Assets         16, Noncurrent Assets           Property and equipment (Note 9)         9, 16, Geothermal exploration and evaluation assets (Note 13)         6, Investments in associates (Note 11)         4, AFS financial assets - net of current portion (Note 7)         1, AFS financial assets - net of current portion (Note 7)         1, AFS financial assets - net of current portion (Note 12)         1, AFS financial assets - net of current portion (Note 12)         1, AFS financial assets - net (Note 36)         1, AFS financial assets (Note 10)         1, AFS financial assets (Note 17)         1, AFS financial assets (No		
Trade and other receivables (Note 5)   Inventories (Note 6)   3, Available-for-sale (AFS) financial assets (Note 7)   5, Available-for-sale (AFS) financial assets (Note 8)   7   7   7   7   7   7   7   7   7	072 171	B12 561 002
Inventories (Note 6) Available-for-sale (AFS) financial assets (Note 7) Prepayments and other current assets  Total Current Assets  Total Current Assets  Toporty and equipment (Note 9) Geothermal exploration and evaluation assets (Note 13) Investments in associates (Note 11) AFS financial assets - net of current portion (Note 7) Long-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14)  3.4 Total Noncurrent Assets  TOTAL ASSETS  P41,  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) P7, Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liabilities Total Current Liabilities  Noncurrent Liabilities  Noncurrent Liabilities  Total Current portion of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  Total Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  Total Liabilities  10, 4, 4, 5, 5, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	,073,171	₱13,561,803
Available-for-sale (AFS) financial assets (Note 7) Prepayments and other current assets (Note 8)  Total Current Assets  Property and equipment (Note 9) Geothermal exploration and evaluation assets (Note 13) Investments in associates (Note 11) AFS financial assets - net of current portion (Note 7) Long-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14)  Total Noncurrent Assets  TOTAL ASSETS  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 39)  Total Current Liabilities  Total Current Liabilities  Noncurrent Liabilities  Toy Noncurrent Liabilities  Toy Noncurrent Liabilities  Toy Noncurrent Liabilities  Total Current portion of long-term debt (Note 16) Other current portion of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  Total Liabilities  12,2 Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (Iosses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	962,151	1,358,035
Prepayments and other current assets (Note 8)  Total Current Assets Property and equipment (Note 9) Geothermal exploration and evaluation assets (Note 13) Investments in associates (Note 11) AFS financial assets - net of current portion (Note 7) Long-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14)  Total Noncurrent assets (Note 14)  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) P7, Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liabilities Total Current Devaste (Note 18) Deferred income - net of current portion Long-term payable (Note 18) Deferred income - net of current portion Long-term payable (Note 18) Deferred income ax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities Total Noncurrent Liabilities Total Noncurrent Liabilities Total Noncurrent Liabilities Total Noncurrent Liabilities Total Current Liabilities Total Curr	,211,269	2,863,181
Total Current Assets Noncurrent Assets Property and equipment (Note 9) Geothermal exploration and evaluation assets (Note 13) Geothermal exploration and evaluation assets (Note 1) AFS financial assets - net of current portion (Note 7) Cong-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14)  Total Noncurrent assets (Note 14)  Total Noncurrent Assets  TOTAL ASSETS  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 39) Total Current Liabilities  Total Current Liabilities  Total Current Liabilities  Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income ax liabilities (Note 36) Pension liability (Note 35) Total Noncurrent Liabilities  12, Total Liabilities  12, Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	,013,919	2,281,632
Noncurrent Assets Property and equipment (Note 9) Geothermal exploration and evaluation assets (Note 13) Investments in associates (Note 11) AFS financial assets - net of current portion (Note 7) Long-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14) Total Noncurrent Assets TOTAL ASSETS P41,  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liabilities Trade and other payables (Note 19) Total Current Liabilities Noncurrent Liabilities Long-term debt - net of current portion (Note 16) Deferred income - net of current portion Long-term payable (Note 18) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35) Total Noncurrent Liabilities Total Liabilities 12, Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	417,432	546,819
Property and equipment (Note 9) Geothermal exploration and evaluation assets (Note 13) Geothermal exploration and evaluation assets (Note 13) Investments in associates (Note 11) AFS financial assets - net of current portion (Note 7) Long-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14) Total Noncurrent Assets 24, TOTAL ASSETS P41,  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 391) Total Current Liabilities 7, Noncurrent Liabilities Total Current Liabilities Long-term debt - net of current portion (Note 16) Perovision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35) Total Noncurrent Liabilities 12, Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	,677,942	20,611,470
Geöthermal exploration and evaluation assets (Note 13) Investments in associates (Note 11) AfSF financial assets - net of current portion (Note 7) Long-term stockpile inventory - net of current portion (Note 12) Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14)  Total Noncurrent assets (Note 14)  Total Noncurrent assets (Note 15)  Provision for mine rehabilities  Long-term debt - net of current portion (Note 16)  Provision for mine rehabilities (Note 16)  Deferred income tax payable  Long-term debt - net of current portion (Note 16) Provision for mine rehabilities (Note 18) Deferred income - net of current portion Long-term payable (Note 38)  Total Noncurrent Liabilities  Total Noncurrent Liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  Total Noncurrent Liabilities  Total Liabilities  Total Liabilities  Total Liabilities  Total Liabilities  Total Noncurrent Liabilities  Total Liabilities  Total Noncurrent Liabilities  Total Liabilities  Total Society Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Sock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Additional paid-in capital (Note 19)  Asset revaluation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	074 000	( 500 002
Investments in associates (Note 11)  AFS financial assets - net of current portion (Note 7)  Long-term stockpile inventory - net of current portion (Note 12)  Deferred income tax assets - net (Note 36)  Investment properties (Note 10)  Other noncurrent assets (Note 14)  Total Noncurrent Assets  LIABILITIES AND EQUITY  Current Liabilities  Trade and other payables (Note 15)  Properties (Note 16)  Income tax payable  Current portion of long-term debt (Note 16)  Other current liabilities  Total Current Liabilities  Noncurrent Liabilities  Noncurrent Liabilities  Total Current beto of current portion (Note 16)  Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  Total Noncurrent Liabilities  Long-term debt - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  Long-term payable (Note 19)  3,4  Total Liabilities  Sequity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  3,5  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Additional paid-in capital (Note 19)  Asset revaluation surplus  Retained earnings:  Retained earnings:	,074,089	6,598,993
AFS financial assets - net of current portion (Note 7)  Long-term stockpile inventory - net of current portion (Note 12)  Deferred income tax assets - net (Note 36)  Investment properties (Note 10)  Other noncurrent assets (Note 14)  Total Noncurrent Assets  24,  TOTAL ASSETS  P41,  LIABILITIES AND EQUITY  Current Liabilities  Trade and other payables (Note 15)  Short-term debt (Note 16)  Income tax payable  Current portion of long-term debt (Note 16)  Other current liability (Note 391)  Total Current Liabilities  Noncurrent Liabilities  Total Current Liabilities  Noncurrent Liabilities  Total Current debt - net of current portion (Note 16)  Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  4,  Total Liabilities  4,  Total Liabilities  4,  Total Liabilities  4,  Total Liabilities  Aginational paid-in capital (Note 19)  Additional paid-in capital (Note 19)  Asset revaluation surplus  Retained earnings:	,114,914	- 5 20 4 0 40
Long-term stockpile inventory - net of current portion (Note 12)  Deferred income tax assets - net (Note 36)  Investment properties (Note 10)  Other noncurrent assets (Note 14)  Total Noncurrent Assets  24,  TOTAL ASSETS  P41,  LIABILITIES AND EQUITY  Current Liabilities  Trade and other payables (Note 15)  Short-term debt (Note 16)  Income tax payable  Current portion of long-term debt (Note 16)  Other current liability (Note 391)  Total Current Liabilities  Noncurrent Liabilities  Long-term debt - net of current portion (Note 16)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  4,3  Total Liabilities  4,5  Total Liabilities  4,5  Total Liabilities  5,0  Asset revaluation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,764,087	5,304,040
Deferred income tax assets - net (Note 36) Investment properties (Note 10) Other noncurrent assets (Note 14)  Total Noncurrent Assets  244,  TOTAL ASSETS  P41,  LIABILITIES AND EQUITY Current Liabilities  Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liabilities  7,  Noncurrent Liabilities  7,  Noncurrent Liabilities  7,  Noncurrent Liabilities  10	817,118	522,797
Investment properties (Note 10)	584,740	812,760
Other noncurrent assets (Note 14)  Total Noncurrent Assets  TOTAL ASSETS  P41,  LIABILITIES AND EQUITY  Current Liabilities  Trade and other payables (Note 15)  Short-term debt (Note 16) Income tax payable  Current portion of long-term debt (Note 16) Other current liabilities  Total Current Liabilities  Noncurrent Liabilities  Noncurrent Liabilities  Long-term debt - net of current portion (Note 16)  Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion  Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  12,  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus  Retained earnings:	153,260	207,967
Total Noncurrent Assets  P41,  LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 39!)  Total Current Liabilities Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities 12, Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	29,000	29,000
LIABILITIES AND EQUITY Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 391)  Total Current Liabilities Trade and other payables (Note 16) Other current liabilities Total Current Liabilities Total Current Liabilities Long-term debt - net of current portion (Note 16) Signature of the current portion (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35) Total Noncurrent Liabilities Total Liabilities Total Liabilities Long-term debt - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities Total Liabilities Stock dividends distributable to Equity Holders of the Parent Capital stock (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	,431,058	1,096,881
LIABILITIES AND EQUITY  Current Liabilities  Trade and other payables (Note 15)  Short-term debt (Note 16)  Income tax payable  Current portion of long-term debt (Note 16)  Other current liability (Note 39l)  Total Current Liabilities  Noncurrent Liabilities  Long-term debt - net of current portion (Note 16)  Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  12,  Total Liabilities  12,  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,968,266	14,572,438
Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 391)  Total Current Liabilities Trade and other payable (Note 16) Other current liability (Note 391)  Total Current Liabilities  Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  12,3  Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	,646,208	₽35,183,908
Current Liabilities Trade and other payables (Note 15) P7, Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 391) Total Current Liabilities Noncurrent Liabilities Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35) Total Noncurrent Liabilities 12,3 Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:		
Current Liabilities Trade and other payables (Note 15) Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 391)  Total Current Liabilities Trade and other payable (Note 16) Other current liability (Note 391)  Total Current Liabilities  Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  12,3  Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:		
Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 39l)  Total Current Liabilities 7,7 Noncurrent Liabilities Long-term debt - net of current portion (Note 16) 2, Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities 4,5 Total Liabilities 12,7 Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:		
Short-term debt (Note 16) Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 39l)  Total Current Liabilities 7,7 Noncurrent Liabilities Long-term debt - net of current portion (Note 16) 2, Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities 4, Total Liabilities 12, Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	,125,713	₽1,482,640
Income tax payable Current portion of long-term debt (Note 16) Other current liability (Note 39l)  Total Current Liabilities Toncurrent Liabilities Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities Total Liabilities 12, Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	180,000	
Current portion of long-term debt (Note 16) Other current liability (Note 391)  Total Current Liabilities Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities 4,  Total Liabilities 12,  Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	113,939	513,598
Other current liability (Note 391)  Total Current Liabilities  Long-term debt - net of current portion (Note 16)  Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  Total Liabilities  12,2  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	124,521	118,329
Noncurrent Liabilities  Long-term debt - net of current portion (Note 16)  Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  12,  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	169,058	_
Long-term debt - net of current portion (Note 16) Provision for mine rehabilitation and decommissioning (Note 17) Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities  12,7  Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	,713,231	2,114,567
Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  4,4  Total Liabilities  12,7  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:		
Provision for mine rehabilitation and decommissioning (Note 17)  Deferred income - net of current portion  Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  4,4  Total Liabilities  12,7  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,357,733	1,313,203
Deferred income - net of current portion Long-term payable (Note 18) Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities 4,4  Total Liabilities 12,7  Equity Attributable to Equity Holders of the Parent Capital stock (Note 19) Stock dividends distributable (Note 19) Additional paid-in capital (Note 19) Additional paid-in capital (Note 19) Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	169,926	130,175
Long-term payable (Note 18)  Deferred income tax liabilities (Note 36)  Pension liability (Note 35)  Total Noncurrent Liabilities  4,3  Total Liabilities  12,7  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	67,039	71,229
Deferred income tax liabilities (Note 36) Pension liability (Note 35)  Total Noncurrent Liabilities 4,5  Total Liabilities 12,7  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19) 3,5  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity: Share in cumulative translation adjustment (Note 11) Net valuation gains (losses) on AFS financial assets (Note 7) Cost of share-based payment plan (Note 20) Asset revaluation surplus  Retained earnings:	27,641	, <u> </u>
Pension liability (Note 35)  Total Noncurrent Liabilities  4,5  Total Liabilities  12,7  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	647,371	421,050
Total Noncurrent Liabilities  Total Liabilities  12,7  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	250,079	231,338
Total Liabilities  Equity Attributable to Equity Holders of the Parent  Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,519,789	2,166,995
Capital stock (Note 19)  Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,233,020	4,281,562
Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:		
Stock dividends distributable (Note 19)  Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,805,670	1,272,495
Additional paid-in capital (Note 19)  Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	´ _	632,648
Other components of equity:  Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,284,767	8,273,655
Share in cumulative translation adjustment (Note 11)  Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	,,	0,=,
Net valuation gains (losses) on AFS financial assets (Note 7)  Cost of share-based payment plan (Note 20)  Asset revaluation surplus  Retained earnings:	406,609	82,154
Cost of share-based payment plan (Note 20) Asset revaluation surplus Retained earnings:	(134,467)	171,322
Asset revaluation surplus Retained earnings:	104,824	47,060
Retained earnings:	32,863	33,246
	52,005	33,210
	,011,607	15,673,051
	,011,007	1,000,000
	,511,873	27,185,631
	,901,315	3,716,715
	,413,188	30,902,346
	,646,208	₱35,183,908

See accompanying Notes to Consolidated Financial Statements.



## CONSOLIDATED STATEMENTS OF INCOME

(Amounts in Thousands, Except Earnings per Share)

Years Ended December 31 2015 2014 2013 **REVENUES** (Note 34) Sale of ore **₽14,795,649** ₱24,052,734 ₱10,475,497 Services and others 635,997 692,970 634,032 24,745,704 11,109,529 15,431,646 **COSTS AND EXPENSES** 4,489,294 Cost of sales (Note 22) 6,279,248 5,356,411 Cost of services (Note 23) 357,917 371,150 335,292 Shipping and loading costs (Note 24) 1,757,943 1,837,568 1,398,771 Excise taxes and royalties (Note 25) 1,089,603 1,754,834 648,608 General and administrative (Note 26) 912,854 956,462 624,477 Marketing (Notes 39e and 39m) 168,943 65,629 130,166 7,562,071 10,527,731 10,445,368 FINANCE INCOME (Note 29) 305,112 172,104 166,753 **FINANCE EXPENSES** (Note 30) (192,747)(164,771)(128,640)EQUITY IN NET INCOME (LOSSES) OF **ASSOCIATES** (Note 11) (811,369)522,380 (184,703)**OTHER INCOME** - net (Note 31) 507,166 470,897 309,783 15,300,946 **INCOME BEFORE INCOME TAX** 4,712,077 3,710,651 **PROVISION FOR (BENEFIT FROM) INCOME TAX** (Note 36) 1,169,504 Current 4,265,468 1,605,750 Deferred 61,536 27,359 (45,289)1,667,286 4,292,827 1,124,215 **NET INCOME** ₽3,044,791 ₱11,008,119 ₽2,586,436 Net income attributable to: Equity holders of the parent ₽2,035,143 ₽8,551,627 ₱2,053,674 NCI 1,009,648 2,456,492 532,762 ₽3,044,791 ₱11,008,119 ₱2,586,436 Earnings per share (EPS; Note 21) **₽0.27** ₽1.13 ₽0.27 Basic Diluted ₽0.27 ₽1.13 ₽0.27



# CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Amounts in Thousands)

		Years Ended Decen	iber 31
	2015	2014	2013
NET INCOME	₽3,044,791	₽11,008,119	₽2,586,436
OTHER COMPREHENSIVE INCOME			
(LOSS)			
Other comprehensive income (loss) to be			
reclassified to consolidated statements of			
income in subsequent periods:			
Share in translation adjustment of			
associates (Note 11)	360,506	(54,876)	307,900
Income tax effect	(36,051)	(3,171)	(30,790)
	324,455	(58,047)	277,110
Net valuation gains (losses) on AFS financial	,	, ,	•
assets (Note 7)	(369,761)	96,806	45,679
Income tax effect (Note 7)	65,435	(22,649)	(15,636)
	(304,326)	74,157	30,043
Net other comprehensive income to be reclassified	(001,020)	, ,,,	2 0,0 12
to consolidated statements of income in			
subsequent periods	20,129	16,110	307,153
Other comprehensive income (loss) not to be	20,125	10,110	307,100
reclassified to consolidated statements of			
income in subsequent periods:			
Remeasurement gain (loss) on pension			
liability (Note 35)	(9,047)	62,960	(149,685)
Income tax effect	2,715	(18,888)	44,905
meome aix enect	(6,332)	44,072	(104,780)
Asset revaluation surplus	(547)	(547)	(547)
Income tax effect	164	164	164
meonic tax criect	(383)	(383)	(383)
Not other common ancies in come (loss) not to be	(383)	(363)	(363)
Net other comprehensive income (loss) not to be reclassified to consolidated statements of			
	(( 715)	12 690	(105 162)
income in subsequent periods	(6,715)	43,689	(105,163)
TOTAL OTHER COMPREHENSIVE			
INCOME - NET OF TAX	12 414	59,799	201.000
INCOME - NET OF TAX	13,414	39,199	201,990
TOTAL COMPREHENSIVE			
INCOME - NET OF TAX	₽3,058,205	₽11,067,918	₽2,788,426
THE OF THE	10,000,200	111,001,710	12,700,120
Total comprehensive income attributable to:			
Equity holders of the parent	₽2,052,080	₽8,592,028	₽2,292,064
NCI	1,006,125	2,475,890	496,362
1101	₽3,058,205	₽11,067,918	₹2,788,426
	£3,U30,2U3	F11,00/,918	F2,/00,420



# CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

FOR THE YEARS ENDED DECEMBER 31, 2015, 2014 AND 2013

(Amounts in Thousands)

					Equity Attributabl	e to Equity Holder	s of the Parent					
	Capital Stock	Stock Dividends Distributable	Additional Paid-in Capital	Share in Cumulative Translation Adjustment	Net Valuation Gains (Losses) on AFS Financial Assets	Cost of Share-based Payment Plan	Asset _ Revaluation	Retained E	arnings Appropriated			
	(Note 19)	(Note 19)	(Note 19)	(Note 11)	(Note 7)	(Note 20)	Surplus U	nappropriated	(Note 19)	Total	NCI	Total
Balances at December 31, 2014	₽1,272,495	₽632,648	₽8,273,655	₽82,154	₽171,322	₽47,060	₽33,246	₽15,673,051	₽1,000,000	₽27,185,631	₽3,716,715	₽30,902,346
Net income	-	-	-	_	-	-	-	2,035,143	-	2,035,143	1,009,648	3,044,791
Other comprehensive income (loss)	_	_	_	324,455	(305,789)	_	(383)	(1,346)		16,937	(3,523)	13,414
Total comprehensive income (loss)	_	_	_	324,455	(305,789)	_	(383)	2,033,797	_	2,052,080	1,006,125	3,058,205
Cost of share-based payment plan (Note 20)	_	_	_	-	_	57,764	_	_	_	57,764	_	57,764
Cash dividends (Note 19)	_	_	_	_	_	_	_	(3,795,885)	_	(3,795,885)	_	(3,795,885)
7% Cash dividends - Preferred share	_	_	_	_	_	-	_	(504)	-	(504)	_	(504)
Stock dividends (Note 19)	2,531,883	(632,648)	-	_	_	_	-	(1,899,235)	-	_	_	_
Exercise of stock options (Note 19)	1,292	_	11,112	_	_	_	_	_	_	12,404	_	12,404
Share of NCI in cash dividends of subsidiaries	-	_	_	-	_	_	_	_	_	_	(1,055,000)	(1,055,000)
Share of NCI in subsidiaries	_	_	_	_	_	_	-	-	-	_	233,475	233,475
Asset revaluation surplus transferred to retained earnings								383		383		383
Balances at December 31, 2015	₽3,805,670	₽-	₽8,284,767	₽406,609	( <del>P</del> 134,467)	₽104,824	₽32,863	₽12,011,607	₽1,000,000	₽25,511,873	₽3,901,315	₽29,413,188



-	Equity Attributable to Equity Holders of the Parent Net Valuation											
	Capital Stock (Note 19)	Stock Dividends Distributable (Note 19)	Additional Paid-in Capital (Note 19)	Share in Cumulative Translation Adjustment (Note 11)	Gains on AFS Financial Assets (Note 7)	Cost of Share-based Payment Plan (Note 20)	Asset _ Revaluation Surplus	Retained E	arnings Appropriated (Note 19)	Total	NCI	Total
Balances at December 31, 2013	₽1,266,780	₽_	₽8,151,603	₽140,201	₽99,506	₽49,524	₽33,629	₽9,748,905	₽1,000,000	₽20,490,148	₽4,721,640	₽25,211,788
Net income	-	_	-	_	_	_	_	8,551,627	_	8,551,627	2,456,492	11,008,119
Other comprehensive income (loss)	_	-	-	(58,047)	71,816	-	(383)	27,015	-	40,401	19,398	59,799
Total comprehensive income (loss)		_	_	(58,047)	71,816	_	(383)	8,578,642	-	8,592,028	2,475,890	11,067,918
Cost of share-based payment plan (Note 20)	_	_	_	_	_	43,000	=	_	_	43,000	_	43,000
Cash dividends (Note 19)	_	-	-	-	_	-	_	(2,021,727)	-	(2,021,727)	_	(2,021,727)
7% Cash dividends - Preferred share	_	=	=	=	-	=	-	(504)	=	(504)	=	(504)
Stock dividends (Note 19)	_	632,648	-	-	_	-	_	(632,648)	-	-	_	-
Exercise of stock options (Note 19)	5,715	=	122,052	=	-	(45,464)	-	=	=	82,303	=	82,303
Share of NCI in cash dividends of subsidiaries	_	-	_	_	-	-	=	_	-	-	(3,480,815)	(3,480,815)
Asset revaluation surplus transferred to retained earnings	_	_	_	_	_		=	383	_	383		383
Balances at December 31, 2014	₽1,272,495	₽632,648	₽8,273,655	₽82,154	₽171,322	₽47,060	₽33,246	₽15,673,051	₽1,000,000	₽27,185,631	₽3,716,715	₽30,902,346



_	Equity Attributable to Equity Holders of the Parent										
	Capital	Additional Paid-in	Share in Cumulative Translation	Net Valuation Gains on AFS Financial	Cost of Share-based Payment	Asset	Retained Ea				
	Stock (Note 19)	Capital (Note 19)	Adjustment (Note 11)	Assets (Note 7)	Plan (Note 20)	Revaluation Surplus	Unappropriated	Appropriated (Note 19)	Total	NCI	Total
Balances at December 31, 2012	₽1,013,938	₽8,117,558	( <del>P</del> 136,909)	₽65,199	₽57,464	₽34,012	₽9,725,164	₽_	₽18,876,426	₽4,705,278	₽23,581,704
Net income		_	-	-	-	-	2,053,674	_	2,053,674	532,762	2,586,436
Other comprehensive income (loss)	_	-	277,110	34,307	=	(383)	(72,644)	=	238,390	(36,400)	201,990
Total comprehensive income (loss)	-	-	277,110	34,307	-	(383)	1,981,030	-	2,292,064	496,362	2,788,426
Cost of share-based payment plan (Note 20)	_	-	-	_	10,369	-	-	_	10,369	_	10,369
Cash dividends (Note 19)	-	=	-	=	=	=	(705,252)	=	(705,252)	-	(705,252)
7% Cash dividends - Preferred share	-	=	-	=	=	=	(504)	=	(504)	-	(504)
Stock dividends (Note 19)	251,916	=	=	=	=	=	(251,916)	=	=	=	=
Exercise of stock options (Note 19)	926	34,045	-	-	(18,309)	_	_	_	16,662	-	16,662
Share of NCI in cash dividends of a subsidiary	_	_	-	-	-	_	-	-	-	(480,000)	(480,000)
Appropriation (Note 19)	_	-	-	-	-	_	(1,000,000)	1,000,000	-	-	_
Asset revaluation surplus transferred to retained earnings	_				_		383		383		383
Balances at December 31, 2013	₽1,266,780	₽8,151,603	₽140,201	₱99,506	₱49,524	₽33,629	₽9,748,905	₽1,000,000	₱20,490,148	₽4,721,640	₱25,211,788



## CONSOLIDATED STATEMENTS OF CASH FLOWS

(Amounts in Thousands)

Years Ended December 31 2015 2014 2013 **CASH FLOWS FROM OPERATING ACTIVITIES** Income before income tax **₽4,712,077** ₱15,300,946 ₱3,710,651 Adjustments for: Depreciation, amortization and depletion (Note 28) 1,439,987 1,373,334 1,262,651 Equity in net losses (income) of associates (Note 11) (522,380)184,703 811,369 Interest income (Note 29) (212,806)(160,847)(159,445)Unrealized foreign exchange losses (gains) - net (Note 31) (157,954)(91,147)41.647 Loss (gain) on: Sale of AFS financial assets (Notes 7, 29 and 30) (86,250)(8,479)(7,308)Bargain purchase (Notes 31 and 32) (59,921)Sales of property and equipment (Note 31) (6,919)(9,693)(82,005)Write-off of deferred mine exploration costs (Note 31) 5.461 1 941 Write-off of input value added tax (VAT; Note 31) 12,548 8 6,752 Write-off of trade and other receivables (Note 31) 3,108 Sale of investment properties (Note 31) (145,095)47,717 Interest expense (Notes 23 and 30) 77,530 38,313 Cost of share-based payment plan (Note 20) 57,764 43,000 10,369 Provisions (reversals of allowance) for impairment losses on: Input VAT (Notes 8 and 31) 54,484 530 5.394 Materials and supplies (Notes 6 and 31) (2,802)(35,961)(225.995)Beneficiated nickel ore inventory (Notes 6 and 31) (13.239)(6,361)Deferred mine exploration costs (Notes 14 and 31) 1,233 1,520 144,155 Property and equipment (Notes 9 and 31) 98,487 Trade and other receivables (Notes 5 and 31) 4,769 19 Dividend income (Notes 7 and 31) (25,827)(6,473)(62,654)Accretion interest on provision for mine rehabilitation and decommissioning (Notes 17 and 30) 8,520 8,893 8,554 Movements in pension liability 5,851 (14,341)52,998 Accretion income (Note 29) (3,933)(573)Casualty losses (Note 31) 2,516 7,439 Day 1 loss (gain) (Notes 29 and 30) (2,123)2,123 Effect of change in estimate on provision for mine rehabilitation and decommissioning (Note 17) (88)756 6,571,779 15,859,858 5,007,861 Operating income before working capital changes Decrease (increase) in: Trade and other receivables (577,510)406,673 83,614 Inventories (70,868)(429,408)248,775 Prepayments and other current assets 160,094 (255,402)(74,229)73,959 Increase (decrease) in trade and other payables (203,959)572,792 15,170,330 5,339,980 Net cash generated from operations 6,863,719 Income taxes paid (2,005,409)(4,015,251)(1,201,218)Net cash flows from operating activities 11,155,079 4,138,762 4,858,310

(Forward)



Years Ended December 31 2013 2015 **CASH FLOWS FROM INVESTING ACTIVITIES** Acquisitions of: AFS financial assets (Note 7) (¥13,392,836) (1397,019)(<del>P</del>374,074) Property and equipment (Note 9) (3,908,652)(1,557,072)(1,931,125)Proceeds from: 415,713 119,172 Sale of AFS financial assets (Note 7) 10,163,700 Sale of property and equipment and investment properties (Notes 9 and 10) 8,538 70,485 296.287 Insurance claims 1,010 Issuance of loans (Note 39q) (1,000,000)Acquisition of subsidiaries, net of cash acquired (Note 32) (800,792)Increase in: Geothermal exploration and evaluation assets (500,935)(Note 13) Other noncurrent assets (167,510)(22,202)(230, 152)Interest received 197,080 147,758 166,316 Dividends received (Notes 7 and 11) 114,817 6,473 62,654 Net cash flows used in investing activities (9,285,580)(2,335,864)(1,890,922)CASH FLOWS FROM FINANCING ACTIVITIES Payments of: Cash dividends (Notes 19 and 34) (5,502,542)(1,185,252)(4,303,909)(115,685)(118,473)Long-term debt (114,826)Rehabilitation cost (Note 17) (670)(10,401)(10,149)Proceeds from: Availment of long-term debt (Note 16) 2,099,449 Exercise of stock options (Note 20) 12,404 82,303 16,662 Increase (decrease) in: Other current liability (Note 391) 169,058 Deferred income (4,190)(4,190)(12,867)(40,001) Interest paid (52,472)(37,692)Net cash flows used in financing activities (2,195,156)(5,588,207)(1,350,080)NET INCREASE (DECREASE) IN CASH AND 3,231,008 897,760 **CASH EQUIVALENTS** (6,622,426)CASH AND CASH EQUIVALENTS AT **BEGINNING OF YEAR** 13,561,803 10,234,336 9,263,451 EFFECT OF EXCHANGE RATE CHANGES IN CASH AND CASH EQUIVALENTS 133,794 96,459 73,125 CASH AND CASH EQUIVALENTS AT END OF YEAR (Note 4) ₽7,073,171 ₱13,561,803 ₱10,234,336



## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Amounts in Thousands, Except Number of Shares, Per Share Data and as Indicated)

## 1. Corporate Information

Nickel Asia Corporation (NAC; Parent Company) was registered with the Philippine Securities and Exchange Commission (SEC) on July 24, 2008. The Parent Company is primarily engaged in investing in and holding of assets of every kind and description and wherever situated, as and to the extent permitted by law. It is also registered, within the limits prescribed by law, to engage in the business of mining of all kinds of ore, metals and minerals and in the business of generation, transmission, distribution and supply of electricity to cities and other localities and to the public in general.

On November 22, 2010, the Parent Company was listed on the Philippine Stock Exchange (PSE) with an initial public offering (IPO) of 304,500,000 common shares (consisting of 132,991,182 shares held in treasury and new common shares of 171,508,818) with an offer price of ₱15.00 per share, which is equivalent to ₱2.67 per share after the stock dividends.

The registered office address of the Parent Company is at 28th floor NAC Tower, 32nd Street, Bonifacio Global City, Taguig City.

#### The Subsidiaries

Hinatuan Mining Corporation (HMC)

HMC was registered with the SEC on October 9, 1979, is a one hundred percent (100%) owned subsidiary of the Parent Company and is primarily engaged in the exploration, mining and exporting of nickel ore located in Hinatuan and Nonoc Islands, Surigao del Norte and Manicani Island, Eastern Samar. HMC is also engaged in the chartering out of Landing Craft Transport (LCT) and providing complete marine services.

## Cagdianao Mining Corporation (CMC)

CMC was registered with the SEC on July 25, 1997, is a one hundred percent (100%) owned subsidiary of the Parent Company and is primarily engaged in the exploration, mining and exporting of nickel ore located in Barangay Valencia, Municipality of Cagdianao, Province of Dinagat Island.

## Samar Nickel Mining Resources Corporation (SNMRC)

SNMRC was registered with the SEC on March 11, 2010, is a one hundred percent (100%) owned subsidiary of the Parent Company and is primarily engaged in the exploration, mining and exporting of mineral ores. SNMRC has not yet started commercial operations.

## La Costa Shipping and Lighterage Corporation (LCSLC)

LCSLC was registered with the SEC on October 23, 1992, is a one hundred percent (100%) owned subsidiary of the Parent Company through HMC, and is primarily engaged in the chartering out of LCT and providing complete marine services. LCSLC was acquired by HMC in April 2010. On May 6, 2014, the Board of Directors (BOD) of LCSLC authorized the disposal of all of its LCT and on the same date, LCSLC entered into a Deed of Absolute Sale with HMC to sell all of its LCT.



## Geogen Corporation (Geogen)

Geogen was registered with the SEC on October 9, 1998, is a one hundred percent (100%) owned subsidiary of the Parent Company and is primarily engaged in the exploration, exploitation and mining of metallic and non-metallic minerals, including, but not limited to, nickel, iron, cobalt, chromite and other associated mineral deposits.

## Falck Exp Inc. (FEI)

FEI was registered with the SEC on November 22, 2005, is an eighty-eight percent (88%) owned subsidiary of the Parent Company through HMC, CMC and TMC, and is primarily engaged in the business of exploring, prospecting and operating mines and quarries of all kinds of ores and minerals, metallic and non-metallic. On August 8, 2014, the BOD of FEI approved the immediate dissolution of FEI. Thereafter, the liquidation process commenced and as a result, FEI changed from going-concern to liquidation basis of accounting. Final dissolution will take place after the approval of FEI's application with the SEC.

## Cordillera Exploration Co., Inc. (CExCI)

CExCI was registered with the SEC on October 19, 1994, is a seventy-one and 25/100 percent (71.25%) owned subsidiary of the Parent Company and is primarily engaged in the business of large-scale exploration, development and utilization of mineral resources. CExCI has a number of mining properties at various stages of exploration. It is currently not engaged in any development or commercial production activities.

## Newminco Pacific Mining Corporation (Newminco)

Newminco was registered with the SEC on October 9, 2006, is a seventy-one and 25/100 percent (71.25%) owned subsidiary of the Parent Company through CExCI, and is primarily engaged in the exploration, mining, development, utilization, extraction, beneficiation and marketing of minerals and mineral resources.

## Taganito Mining Corporation (TMC)

TMC was registered with the SEC on March 4, 1987, is a sixty-five percent (65%) owned subsidiary of the Parent Company and is primarily engaged in the exploration, mining and exporting of nickel ore located in Claver, Surigao del Norte. TMC also provides services which involves the handling, hauling and transportation of materials required in the processing operations of Taganito HPAL Nickel Corporation (THNC).

## Rio Tuba Nickel Mining Corporation (RTN)

RTN was registered with the SEC on July 15, 1969, is a sixty percent (60%) owned subsidiary of the Parent Company and is primarily engaged in the exploration, mining and exporting of nickel ore located in Barangay Rio Tuba, Municipality of Bataraza, Palawan and providing non-mining services required in the processing operations of Coral Bay Nickel Corporation (CBNC).

## Emerging Power Inc. (EPI)

EPI was registered with the SEC on October 16, 2007, is a sixty-six percent (66%) owned subsidiary of the Parent Company and is primarily engaged in the renewable energy business.

## Mindoro Geothermal Power Corporation (MGPC)

MGPC was registered with the SEC on May 7, 2014, is a sixty-six percent (66%) owned subsidiary of the Parent Company through EPI, and is primarily engaged in the renewable energy business.



## Manta Energy Inc. (MEI)

MEI was registered with the SEC on May 21, 2007, is a sixty-six percent (66%) owned subsidiary of the Parent Company through EPI, and is primarily engaged in power business, including but not limited to power generation, power trading and supply to retail customers and end users.

## Biliran Holdings Inc. (BHI)

BHI was registered with the SEC on July 31, 2015, is a sixty-six percent (66%) owned subsidiary of the Parent Company through EPI, and is primarily engaged in investing in and holding of assets of every kind and description, as and to the extent permitted by law. It is also registered, within the limits prescribed by law, to engage in the business of infrastructure, power generation, real estate, manufacturing, trading and agribusiness and to pay other evidences of indebtedness or securities of this or any other corporation.

#### Jobin-SOM, Inc. (Jobin)

Jobin was registered with the SEC on January 6, 2010, is a sixty-six percent (66%) owned subsidiary of the Parent Company through EPI, and is primarily engaged in power business, including but not limited to power generation, power trading and supply to retail customers and end users. Jobin was acquired by EPI on September 11, 2015.

#### Biliran Geothermal Inc. (BGI)

BGI was registered with the SEC on October 31, 2007, is a thirty-nine and 60/100 percent (39.60%) owned subsidiary of the Parent Company through EPI. The principal activities of BGI are to explore, exploit, discover, develop, extract, dig and drill for, produce, utilize, refine, treat, process, transport, store, market, sell, use, supply, experiment with, distribute, manufacture, or otherwise deal in, any substance, minerals or otherwise, which by itself or in contribution with other substances generate or emanate heat or power and to enter into and perform service contracts including geothermal services. BGI's project, the Biliran Geothermal 25-year concession was estimated to supply 100 megawatts (MW) of power to the grid but according to research conducted by BGI, it can further produce up to 170 MW. BGI was acquired by BHI on December 17, 2015.

## Mantex Services Inc. (Mantex)

Mantex was registered with the SEC on March 26, 2012, is a thirty-three percent (33%) owned subsidiary of the Parent Company through EPI. Mantex is established primarily to provide technical, financial and public relations advisory, management and investments services for infrastructure projects.

## Executive Order (EO) 79

On July 12, 2012, EO 79 was released to lay out the framework for the implementation of mining reforms in the Philippines. The policy highlights several issues that includes area of coverage of mining, small-scale mining, creation of a council, transparency and accountability and reconciling the roles of the national Government and local Government units. Management believes that EO 79 has no major impact on its current operations since the operating subsidiaries and mines are covered by existing Mineral Production Sharing Agreement (MPSA) with the Government. Section 1 of EO 79, provides that mining contracts approved before the effectivity of the EO shall continue to be valid, binding, and enforceable so long as they strictly comply with existing laws, rules and regulations and the terms and conditions of their grant.

The consolidated financial statements as at December 31, 2015 and 2014 and for each of the three years in the period ended December 31, 2015 were authorized for issuance by the Parent Company's BOD on March 15, 2016.



# 2. Basis of Preparation and Consolidation, Statement of Compliance and Summary of Significant Accounting Policies

## **Basis of Preparation**

The consolidated financial statements have been prepared on a historical cost basis, except for derivative financial instrument and AFS financial assets which are measured at fair value. The consolidated financial statements are presented in Philippine peso, which is the Parent Company's functional and presentation currency. The Parent Company and its subsidiaries (collectively referred to as the Group) have the Philippine Peso as their functional currency and items included in the financial statements of each entity are measured using that functional and presentation (or reporting) currency. All amounts are rounded to the nearest thousand (\$\mathbb{P}000\$), except when otherwise indicated.

## Basis of Consolidation

The consolidated financial statements include the Group and its associates:

	Principal Place		Effect	ive Ownership
	of Business	Principal Activities	2015	2014
Subsidiaries				
HMC	Philippines	Mining and Services	100.00%	100.00%
CMC	Philippines	Mining	100.00%	100.00%
SNMRC	Philippines	Mining	100.00%	100.00%
LCSLC (a)	Philippines	Services	100.00%	100.00%
Geogen	Philippines	Mining	100.00%	_
FEI (b)	Philippines	Mining	88.00%	88.00%
CExCI	Philippines	Mining	71.25%	71.25%
Newminco (c)	Philippines	Mining	71.25%	_
TMC	Philippines	Mining and Services	65.00%	65.00%
RTN	Philippines	Mining and Services	60.00%	60.00%
	• •	Renewable Energy		
EPI	Philippines	Developer	66.00%	_
		Renewable Energy		
MGPC (d)	Philippines	Developer	66.00%	_
		Power Generation, Trading		
MEI (d)	Philippines	and Services	66.00%	_
BHI <sup>(d)</sup>	Philippines	Services	66.00%	_
Jobin <sup>(d)</sup>	Philippines	Power Generation	66.00%	_
BGI <sup>(d)</sup>	Philippines	Power Generation	39.60%	_
		Management		
Mantex (d)	Philippines	and Advisory Services	33.00%	_
Associates				
THNC	Philippines	Manufacturing	22.50%	22.50%
CBNC	Philippines	Manufacturing	10.00%	10.00%

- (a) Indirect ownership through HMC
- (b) Indirect ownership through HMC, CMC and TMC
- (c) Indirect ownership through CExCI
- (d) Indirect ownership through EPI



The consolidated financial statements comprise the financial statements of the Group as at December 31, 2015 and 2014. The financial statements of the subsidiaries are prepared for the same reporting year as the Parent Company using uniform accounting policies. When necessary, adjustments are made to the separate financial statements of the subsidiaries to bring their accounting policies in line with the Group's accounting policies.

## Subsidiaries

Subsidiaries are entities over which the Parent Company has control.

The Parent Company controls an investee if and only if the Parent Company has:

- Power over the investee (i.e. existing rights that give it the current ability to direct the relevant activities of the investee);
- Exposure, or rights, to variable returns from its involvement with the investee; and
- The ability to use its power over the investee to affect its returns.

When the Parent Company has less than a majority of the voting or similar rights of an investee, the Parent Company considers all relevant facts and circumstances in assessing whether it has power over an investee, including:

- The contractual arrangement with the other vote holders of the investee;
- Rights arising from other contractual arrangements; and
- The Parent Company's voting rights and potential voting rights.

The Parent Company re-assesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control. Consolidation of a subsidiary begins when the Parent Company obtains control over the subsidiary and ceases when the Parent Company loses control of the subsidiary. Assets, liabilities, income and expenses of a subsidiary acquired or disposed of during the year are included in the consolidated financial statements from the date the Parent Company gains control until the date the Parent Company ceases to control the subsidiary.

Consolidated statement of income and each component of consolidated statement of comprehensive income are attributed to the equity holders of the Parent Company and to the NCI, even if this results in the NCI having a deficit balance.

#### NCI

NCI represents interest in a subsidiary that is not owned, directly or indirectly, by the Parent Company.

NCI represents the portion of profit or loss and the net assets not held by the Group. Transactions with NCI are accounted for using the entity concept method, whereby the difference between the consideration and the book value of the share in the net assets acquired is recognized as an equity transaction.

A change in the ownership interest of a subsidiary, without a loss of control, is accounted for as an equity transaction. If the Parent Company loses control over a subsidiary, it:

- Derecognizes the assets (including goodwill) and liabilities of the subsidiary;
- Derecognizes the carrying amount of any NCI;
- Derecognizes the cumulative translation differences recorded in equity;
- Recognizes the fair value of the consideration received;
- Recognizes the fair value of any investment retained;
- Recognizes any surplus or deficit in the consolidated statement of income; and



Reclassifies the Parent Company's share of components previously recognized in the
consolidated statement of comprehensive income to consolidated statement of income or
retained earnings, as appropriate, as would be required if the Parent Company had directly
disposed of the related assets or liabilities.

All intra-group balances, transactions, income and expenses and profits and losses resulting from intra-group transactions are eliminated in full.

## Statement of Compliance

The consolidated financial statements of the Group have been prepared in compliance with Philippine Financial Reporting Standards (PFRS).

## Changes in Accounting Policies and Disclosures

The accounting policies adopted are consistent with those of the previous financial year except for the following new and amended PFRS, Philippine Accounting Standards (PAS), Philippine Interpretations based on International Financial Reporting Interpretations Committee (IFRIC) and improvements to PFRS which were adopted as at January 1, 2015.

• PAS 19, Employee Benefits - Defined Benefit Plans: Employee Contributions (Amendments) PAS 19 requires an entity to consider contributions from employees or third parties when accounting for defined benefit plans. Where the contributions are linked to service, they should be attributed to periods of service as a negative benefit. These amendments clarify that, if the amount of the contributions is independent of the number of years of service, an entity is permitted to recognize such contributions as a reduction in the service cost in the period in which the service is rendered, instead of allocating the contributions to the periods of service. The amendment has no effect to the Group, since they have no defined benefit contribution plan with contributions from employees and third parties.

#### Improvements to PFRS

Improvements to PFRS, an omnibus of amendments to standards, deal primarily with a view of removing inconsistencies and clarifying wordings. There are separate transitional provisions for each standard. These include:

Annual Improvements to PFRSs (2010-2012 cycle)

The Annual Improvements to PFRSs (2010-2012 cycle) are not expected to have a significant effect to the Group. They include:

- PFRS 2, Share-based Payment Definition of Vesting Condition

  This improvement is applied prospectively and clarifies various issues relating to the definitions of performance and service conditions which are vesting conditions, including:
  - A performance condition must contain a service condition.
  - A performance target must be met while the counterparty is rendering service.
  - A performance target may relate to the operations or activities of an entity, or to those of another entity in the same group.
  - A performance condition may be a market or non-market condition.
  - If the counterparty, regardless of the reason, ceases to provide service during the vesting period, the service condition is not satisfied.

The improvements have no significant impact on the Group's financial position or performance.



• PFRS 3, Business Combinations - Accounting for Contingent Consideration in a Business Combination

The amendment is applied prospectively and clarifies that a contingent consideration that is not classified as equity is subsequently measured at fair value through profit or loss (FVPL) whether or not it falls within the scope of PAS 39, *Financial Instruments: Recognition and Measurement* (or PFRS 9, *Financial Instruments*, if early adopted). The amendment has no impact on the Group's financial position or performance but the Group will consider this amendment for future business combination.

- PFRS 8, Operating Segments Aggregation of Operating Segments and Reconciliation of the Total of the Reportable Segments' Assets to the Entity's Assets

  The amendments are applied retrospectively and clarify that:
  - An entity must disclose the judgments made by management in applying the aggregation criteria in the standard, including a brief description of operating segments that have been aggregated and the economic characteristics (e.g., sales and gross margins) used to assess whether the segments are 'similar'.
  - The reconciliation of segment assets to total assets is only required to be disclosed if the reconciliation is reported to the chief operating decision maker, similar to the required disclosure for segment liabilities.

The amendments affect disclosure only but have no impact on the Group's financial position or performance.

- PAS 16, Property, Plant and Equipment, and PAS 38, Intangible Assets Revaluation Method Proportionate Restatement of Accumulated Depreciation and Amortization

  The amendment is applied retrospectively and clarifies in PAS 16 and PAS 38 that the asset may be revalued by reference to the observable data on either the gross or the net carrying amount. In addition, the accumulated depreciation or amortization is the difference between the gross and carrying amounts of the asset. The amendment is expected to have no significant impact on the Group's financial position or performance.
- PAS 24, Related Party Disclosures Key Management Personnel

  The amendment is applied retrospectively and clarifies that a management entity, which is an entity that provides key management personnel services, is a related party subject to the related party disclosures. In addition, an entity that uses a management entity is required to disclose the expenses incurred for management services. The amendment affects disclosure only and has no impact on the Group's financial position or performance.

Annual Improvements to PFRSs (2011-2013 cycle) The Annual Improvements to PFRSs (2011-2013 cycle) are not expected to have a significant effect to the Group. They include:

- PFRS 3, Business Combinations Scope Exceptions for Joint Arrangements
  The amendment is applied prospectively and clarifies the following regarding the scope exceptions within PFRS 3:
  - Joint arrangements, not just joint ventures, are outside the scope of PFRS 3; and
  - This scope exception applies only to the accounting in the financial statements of the joint arrangement itself.

This is not relevant to the Group since it has no joint arrangements.



- PFRS 13, Fair Value Measurement Portfolio Exception

  The amendment is applied prospectively and clarifies that the portfolio exception in PFRS 13 can be applied not only to financial assets and financial liabilities, but also to other contracts within the scope of PAS 39 or (PFRS 9, if early adopted). The amendment affects disclosure only and has no impact on the Group's financial position or performance.
- PAS 40, Investment Property Clarifying the Interrelationship of PFRS 3 and PAS 40 When Classifying Property as Investment Property or Owner-occupied Property

  The amendment is applied prospectively and clarifies that PFRS 3, and not the description of ancillary services in PAS 40, is used to determine if the transaction is the purchase of an asset or business combination. The description of ancillary services in PAS 40 only differentiates between investment property and owner-occupied property (i.e., property, plant and equipment). The amendment has no impact on the Group's financial position or performance.

## Standards and Interpretations Issued but not yet Effective

The Group will adopt the following standards and interpretations enumerated below when these become effective. Except as otherwise indicated, the Group does not expect the adoption of these new and amended standards and interpretations to have a significant effect on its financial statements

## Effective Date to be Determined:

• Philippine Interpretation IFRIC 15, Agreements for the Construction of Real Estate
This interpretation covers accounting for revenue and associated expenses by entities that
undertake the construction of real estate directly or through subcontractors. The SEC and the
Financial Reporting Standards Council (FRSC) have deferred the effectivity of this
interpretation until the final revenue standard is issued by the International Accounting
Standards Board (IASB) and an evaluation of the requirements of the final revenue standard
against the practices of the Philippine real estate industry is completed. Adoption of the
interpretation when it becomes effective will not have any impact on the financial statements
of the Group since it has no agreements for the construction of real estate.

## Effective January 1, 2016:

- PFRS 10, Consolidated Financial Statements and PAS 28, Investments in Associates and Joint Ventures Sale or Contribution of Assets between an Investor and its Associate or Joint Venture (Amendments)
  - These amendments address an acknowledged inconsistency between the requirements in PFRS 10 and those in PAS 28 (2011) in dealing with the sale or contribution of assets between an investor and its associate or joint venture. These amendments require that a full gain or loss is recognized when a transaction involves a business (whether it is housed in a subsidiary or not). A partial gain or loss is recognized when a transaction involves assets that do not constitute a business, even if these assets are housed in a subsidiary. The Group is currently assessing the impact of adopting this standard.
- Amendments to PFRS 10, Consolidated Financial Statements, PFRS 12, Disclosure of Interests in Other Entities and PAS 28, Investment Entities: Applying the Consolidation Exception (Amendments)
  - These amendments clarify that the exemption from presenting consolidated financial statements applies to a parent entity that is a subsidiary of an investment entity, even if the investment entity measures all of its subsidiaries at fair value. It also clarifies that only a



subsidiary of an investment entity that is not an investment entity itself and that provides support services to the investment entities is consolidated. All other subsidiaries of an investment entity are measured at fair value. These amendments also allow the investor, when applying the equity method, to retain the fair value measurement applied by the investment entities of an associate or joint venture to its interests in subsidiaries. These amendments will not have any effect on the Group's financial statements.

PFRS 11, Joint Arrangements - Accounting for Acquisitions of Interests in Joint Operations (Amendments)

The amendments to PFRS 11 require that a joint operator accounting for the acquisition of an interest in a joint operation, in which the activity of the joint operation constitutes a business must apply the relevant PFRS 3 principles for business combinations accounting. The amendments also clarify that a previously held interest in a joint operation is not remeasured on the acquisition of an additional interest in the same joint operation while joint control is retained. In addition, a scope exclusion has been added to PFRS 11 to specify that the amendments do not apply when the parties sharing joint control, including the reporting entity, are under common control of the same ultimate controlling party. The amendments apply to both the acquisition of the initial interest in a joint operation and the acquisition of any additional interests in the same joint operation and are prospectively effective for annual periods beginning on or after January 1, 2016, with early adoption permitted. These amendments are not expected to have any impact to the Group since it has no joint arrangements.

• PFRS 14, Regulatory Deferral Accounts

PFRS 14 is an optional standard that allows an entity, whose activities are subject to rate-regulation, to continue applying most of its existing accounting policies for regulatory deferral account balances upon its first-time adoption of PFRS. Entities that adopt PFRS 14 must present the regulatory deferral accounts as separate line items on the statement of financial position and present movements in these account balances as separate line items in the statement of profit or loss and other comprehensive income. The standard requires disclosures on the nature of, and risks associated with, the entity's rate-regulation and the effects of that rate-regulation on its financial statements. This standard would not apply since the Group is an existing PFRS preparer.

- PAS 1, Disclosure Initiative (Amendment)
  - The amendments clarify the following:
  - The materiality requirements in PAS 1;
  - That specific line items in the statements of comprehensive income and the statement of financial position may be disaggregated;
  - That entities have flexibility as to the order in which they present the notes to financial statements; and
  - That the share of other comprehensive income (OCI) of associates and joint ventures accounted for using the equity method must be presented in aggregate as a single line item, and classified between those items that will or will not be subsequently reclassified to profit or loss.

Early application is permitted and entities do not need to disclose that fact as the amendments are considered to be clarifications that do not affect an entity's accounting policies or accounting estimates.



- PAS 16, Property, Plant and Equipment, and PAS 38, Intangible Assets Clarification of Acceptable Methods of Depreciation and Amortization (Amendments)

  The amendments clarify the principle in PAS 16 and PAS 38 that revenue reflects a pattern of economic benefits that are generated from operating a business (of which the asset is part) rather than the economic benefits that are consumed through use of the asset. As a result, a revenue-based method cannot be used to depreciate property, plant and equipment and may only be used in very limited circumstances to amortize intangible assets. The amendments are effective prospectively for annual periods beginning on or after January 1, 2016, with early adoption permitted. These amendments are not expected to have any impact to the Group given that the Group has not used a revenue-based method to depreciate its noncurrent assets.
- PAS 16, Property, Plant and Equipment, and PAS 41, Agriculture Bearer Plants (Amendments)

  The amendments change the accounting requirements for biological assets that meet the definition of bearer plants. Under the amendments, biological assets that meet the definition of bearer plants will no longer be within the scope of PAS 41. Instead, PAS 16 will apply. After initial recognition, bearer plants will be measured under PAS 16 at accumulated cost (before maturity) and using either the cost model or revaluation model (after maturity). The amendments also require that produce that grows on bearer plants will remain in the scope of PAS 41 measured at fair value less costs to sell. For government grants related to bearer plants, PAS 20, Accounting for Government Grants and Disclosure of Government Assistance, will apply. The amendments are retrospectively effective for annual periods beginning on or after January 1, 2016, with early adoption permitted. These amendments are not expected to have any impact to the Group as it does not have any bearer plants.
- PAS 27, Separate Financial Statements Equity Method in Separate Financial Statements (Amendments)

  The amendments will allow entities to use the equity method to account for investments in subsidiaries, joint ventures and associates in their separate financial statements. Entities already applying PFRS and electing to change to the equity method in its separate financial statements will have to apply that change retrospectively. For first-time adopters of PFRS electing to use the equity method in its separate financial statements, they will be required to apply this method from the date of transition to PFRS. The amendments are effective for annual periods beginning on or after January 1, 2016, with early adoption permitted. The Group is currently assessing the impact of adopting this standard.

Annual Improvements to PFRSs (2012-2014 cycle)

The Annual Improvements to PFRSs (2012-2014 cycle) are effective for annual periods beginning on or after January 1, 2016 and are not expected to have a significant effect to the Group. They include:

 PFRS 5, Non-current Assets Held for Sale and Discontinued Operations - Changes in Methods of Disposal

The amendment is applied prospectively and clarifies that changing from a disposal through sale to a disposal through distribution to owners and vice-versa should not be considered to be a new plan of disposal, rather it is a continuation of the original plan. There is, therefore, no interruption of the application of the requirements in PFRS 5. The amendment also clarifies that changing the disposal method does not change the date of classification. The Group shall consider this amendment for future disposal, if there are any.



- PFRS 7, Financial Instruments: Disclosures Servicing Contracts
  PFRS 7 requires an entity to provide disclosures for any continuing involvement in a
  transferred asset that is derecognized in its entirety. The amendment clarifies that a servicing
  contract that includes a fee can constitute continuing involvement in a financial asset. An
  entity must assess the nature of the fee and arrangement against the guidance in PFRS 7 in
  order to assess whether the disclosures are required. The amendment is to be applied such that
  the assessment of which servicing contracts constitute continuing involvement will need to be
  done retrospectively. However, comparative disclosures are not required to be provided for
  any period beginning before the annual period in which the entity first applies the
  amendments. These amendments are not expected to have any impact to the Group.
- PFRS 7, Applicability of the Offsetting Disclosures to Condensed Interim Financial
   Statements
   This amendment is applied retrospectively and clarifies that the disclosures on offsetting of financial assets and financial liabilities are not required in the condensed interim financial report unless they provide a significant update to the information reported in the most recent annual report. The amendment affects disclosures only and has no impact on the Group's financial position or performance.
- PAS 19, Employee Benefits Regional Market Issue regarding Discount Rate

  The amendment is applied prospectively and clarifies that market depth of high quality corporate bonds is assessed based on the currency in which the obligation is denominated, rather than the country where the obligation is located. When there is no deep market for high quality corporate bonds in that currency, government bond rates must be used. This amendment is not relevant to the Group.
- PAS 34, *Interim Financial Reporting Disclosure of Information 'Elsewhere in the Interim Financial Report'*The amendment is applied retrospectively and clarifies that the required interim disclosures must either be in the interim financial statements or incorporated by cross-reference between the interim financial statements and wherever they are included within the greater interim financial report (e.g., in the management commentary or risk report). The amendment affects disclosures only and has no impact on the Group's financial position or performance.

Effective January 1, 2018:

• PFRS 9, *Financial Instruments* (2014 or final version)
In July 2014, the final version of PFRS 9 was issued. PFRS 9 reflects all phases of the financial instruments project and replaces PAS 39 and all previous versions of PFRS 9. The standard introduces new requirements for classification and measurement, impairment, and hedge accounting. PFRS 9 is effective for annual periods beginning on or after January 1, 2018, with early application permitted. Retrospective application is required, but comparative information is not compulsory. Early application of previous versions of PFRS 9 is permitted if the date of initial application is before February 1, 2015.

The adoption of PFRS 9 will have an effect on the classification and measurement of the Group's financial assets and methodology for financial assets, but will have no effect on the classification and measurement of the Group's financial liabilities. The Group is currently assessing the effect of adopting this standard.



• International Financial Reporting Standards (IFRS) 15, Revenue from Contracts with Customers

IFRS 15 was issued in May 2014 by the IASB and establishes a new five-step model that will apply to revenue arising from contracts with customers. Under IFRS 15, revenue is recognized at an amount that reflects the consideration to which an entity expects to be entitled in exchange for transferring goods or services to a customer. The principles in IFRS 15 provide a more structured approach to measuring and recognizing revenue. The new revenue standard is applicable to all entities and will supersede all current revenue recognition requirements under IFRS. Either a full or modified retrospective application is required for annual periods beginning on or after January 1, 2018 with early adoption permitted. The Group is currently assessing the impact of IFRS 15 and plans to adopt the new standard on the required effective date once adopted locally.

## Effective January 1, 2019:

## • IFRS 16, Leases

On January 13, 2016, the IASB issued its new standard, IFRS 16, *Leases*, which replaces PAS 17, the current leases standard, and the related interpretations. Under the new standard, lessees will no longer classify their leases as either operating or finance leases in accordance with PAS 17. Rather, lessees will apply the single-asset model. Under this model, lessees will recognize the assets and related liabilities for most leases on their statement of financial position, and subsequently, will depreciate the lease assets and recognize interest on the lease liabilities in their profit or loss. Leases with a term of twelve (12) months or less or for which the underlying asset is of low value are exempted from these requirements.

The accounting by lessors is substantially unchanged as the new standard carries forward the principles of lessor accounting under PAS 17. Lessors, however, will be required to disclose more information in their financial statements, particularly on the risk exposure to residual value.

The new standard is effective for annual periods beginning on or after January 1, 2019. Entities may early adopt IFRS 16 but only if they have also adopted IFRS 15, *Revenue from Contracts with Customers*. When adopting IFRS 16, an entity is permitted to use a full retrospective or a modified retrospective approach, with options to use certain transition reliefs. The Group is currently assessing the impact of IFRS 16 and plans to adopt the new standard on the required effective date once adopted locally.

The revised, amended and additional disclosures or accounting changes provided by the standards and interpretations will be included in the financial statements in the year of adoption, if applicable.

## Summary of Significant Accounting Policies

## Presentation of Consolidated Financial Statements

The Group has elected to present all items of recognized income and expense in two statements: a statement displaying components of profit or loss (consolidated statement of income) and a second statement beginning with profit or loss and displaying components of OCI (consolidated statement of comprehensive income).



## Foreign Currency Transactions

Transactions in foreign currencies are initially recorded in the functional currency rate ruling at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated at functional currency rate of exchange ruling at the end of the financial reporting period. Nonmonetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates prevailing as at the date of the initial transactions. Nonmonetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value is determined. All differences are taken to "Other income (charges) - net" in the consolidated statement of income.

As at the end of the financial reporting period, the statement of financial position of associates (whose functional currency is other than the Philippine peso) is translated into the presentation currency of the Group (the Philippine peso) using the rate of exchange prevailing at the end of the financial reporting period and the consolidated statement of income is translated using the weighted average exchange rate for the year. The exchange differences arising on the translation is recognized in OCI. Upon disposal of such associate, the component of OCI relating to that particular associate will be recognized in the consolidated statement of income.

## Current versus Noncurrent Classification

The Group presents assets and liabilities in the consolidated statement of financial position based on current/noncurrent classification. An asset is current when it is:

- Expected to be realized or intended to be sold or consumed in normal operating cycle;
- Held primarily for the purpose of trading;
- Expected to be realized within twelve months after the end of the financial reporting period; or
- Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the end of the financial reporting period.

The Group classifies all other assets as noncurrent.

## A liability is current when:

- It is expected to be settled in normal operating cycle;
- It is held primarily for the purpose of trading;
- It is due to be settled within twelve months after the end of the financial reporting period; or
- There is no unconditional right to defer the settlement of the liability for at least twelve months after the end of the financial reporting period.

The Group classifies all other liabilities as noncurrent.

## Cash and Cash Equivalents

Cash includes cash on hand, with banks and those under managed funds. Cash with banks and those under managed funds earn interest at the prevailing bank deposit rates. Cash equivalents pertain to short-term cash investments that are made for varying periods of up to three (3) months depending on the immediate cash requirements of the Group and earn interest at the respective short-term cash investment rates

#### **Financial Instruments**

Date of Recognition

The Group recognizes a financial asset or a financial liability in the consolidated statement of financial position when it becomes a party to the contractual provisions of the instrument.



Purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the marketplace (regular way trades) are recognized on the trade date (i.e., the date that the Group commits to purchase or sell the asset).

Initial Recognition, Classification and Measurement of Financial Instruments

The Group determines the classification of financial instruments at initial recognition and, where allowed and appropriate, re-evaluates this designation at every end of the financial reporting period.

All financial instruments are recognized initially at fair value. Directly attributable transaction costs are included in the initial measurement of all financial instruments, except for financial instruments measured at FVPL.

#### Financial Assets

Financial assets within the scope of PAS 39 are classified in the following categories: financial assets at FVPL, loans and receivables, held-to-maturity (HTM) investments, AFS financial assets, or as derivatives designated as hedging instruments in an effective hedge, as appropriate. The classification depends on the purpose for which the investments were acquired and whether they are quoted in an active market.

The Group's financial assets are in the nature of financial assets at FVPL, loans and receivables and AFS financial assets. The Group has no HTM investments and derivatives designated as hedging instruments in an effective hedge as at December 31, 2015 and 2014.

#### Financial Liabilities

Also under PAS 39, financial liabilities are classified into financial liabilities at FVPL, other financial liabilities or as derivatives designated as hedging instruments in an effective hedge, as appropriate.

Financial instruments are classified as liabilities or equity in accordance with the substance of the contractual arrangement. Interest, dividends, gains and losses relating to a financial instrument or a component that is a financial liability, are reported as expense or income. Distributions to holders of financial instruments classified as equity are charged directly to equity net of any related income tax.

The Group's financial liabilities are in the nature of other financial liabilities. The Group has no financial liabilities classified as at FVPL and derivatives designated as hedging instruments in an effective hedge as at December 31, 2015 and 2014.

#### Fair Value Measurement

The Group measures financial instruments, such as AFS financial assets and derivative financial instrument, at fair value at each end of the financial reporting period. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either:

- In the principal market for the asset or liability; or
- In the absence of a principal market, in the most advantageous market for the asset or liability.

The principal or the most advantageous market must be accessible to the Group. The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest.



A fair value measurement of a nonfinancial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The Group uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximizing the use of relevant observable inputs and minimizing the use of unobservable inputs.

All assets and liabilities for which fair value is measured or disclosed in the consolidated financial statements are categorized within the fair value hierarchy, described as follows, based on the lowest-level input that is significant to the fair value measurement as a whole:

- Level 1 Quoted (unadjusted) market prices in active markets for identical assets or liabilities;
- Level 2 Valuation techniques for which the lowest-level input that is significant to the fair value measurement is directly or indirectly observable; and
- Level 3 Valuation techniques for which the lowest-level input that is significant to the fair value measurement is unobservable.

For assets and liabilities that are recognized in the consolidated financial statements on a recurring basis, the Group determines whether transfers have occurred between Levels in the hierarchy by re-assessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at each end of the financial reporting period.

The fair value of financial instruments that are actively traded in organized financial markets is determined by reference to quoted market close prices at the close of business at the end of the financial reporting period.

For financial instruments where there is no active market, fair value is determined using valuation techniques. Such techniques include comparison to similar investments for which market observable prices exist and discounted cash flow analysis or other valuation models.

For the purpose of fair value disclosures, the Group has determined classes of assets and liabilities on the basis of the nature, characteristics and risks of the asset or liability and the level in the fair value hierarchy as explained above.

## "Day 1" Difference

Where the transaction price in a non-active market is different from the fair value based on other observable current market transactions in the same instrument or based on a valuation technique whose variable include only data from observable market, the Group recognizes the difference between the transaction price and fair value (a "Day 1" difference) in the consolidated statement of income unless it qualifies for recognition as some other type of asset. In cases where use is made of data which is not observable, the difference between the transaction price and model value is only recognized in the consolidated statement of income when the inputs become observable or when the instrument is derecognized. For each transaction, the Group determines the appropriate method of recognizing the "Day 1" difference amount.

## Subsequent Measurement

The subsequent measurement of financial instruments depends on their classification as follows:

#### Financial Assets at FVPL

A financial asset is classified in this category if it is acquired principally for the purpose of selling or repurchasing in the near term or upon initial recognition, it is designated by management as at FVPL. A financial asset at FVPL is designated by management on initial recognition as at FVPL



if the following criteria are met: (i) the designation eliminates or significantly reduces the inconsistent treatment that would otherwise arise from measuring the assets or recognizing gains or losses on them on a different basis; or (ii) the assets and liabilities are part of a group of financial assets, financial liabilities or both, which are managed and their performances are evaluated on a fair value basis in accordance with a documented risk management or investment strategy; or (iii) the financial instrument contains an embedded derivative that would need to be separately recorded. Derivatives, including separated embedded derivatives, are also categorized as held at FVPL, except those derivatives designated and considered as effective hedging instruments

The Group's financial asset at FVPL pertains to the bifurcated derivative asset arising from its convertible loan with EPI (see Notes 8 and 34).

## Loans and Receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are not entered into with the intention of immediate or short-term resale and are not classified as "Financial assets held for trading", designated as "AFS financial assets" or "Financial assets designated at FVPL". After initial measurement, loans and receivables are subsequently measured at amortized cost using the effective interest rate (EIR) method, less any allowance for impairment. Amortized cost is calculated by taking into account any discount or premium on acquisition and fee or costs that are an integral part of the EIR. The amortization and losses arising from impairment are included in "Finance expenses" in the consolidated statement of income. Gains and losses are recognized in the consolidated statement of income when the loans are derecognized or impaired as well as through the amortization process.

Loans and receivables are included in current assets if maturity is within twelve (12) months from the end of the financial reporting period or within the Group's normal operating cycle, whichever is longer. Otherwise, these are classified as noncurrent assets.

The Group's loans and receivables include "Cash and cash equivalents", "Trade and other receivables", short-term cash investment which is included under "Prepayments and other current assets", and loans receivable, mine rehabilitation fund (MRF), Social Development Management Program (SDMP) fund, long-term negotiable instrument, restricted cash and cash held in escrow which are included under "Other noncurrent assets" (see Notes 4, 5, 8 and 14).

## AFS Financial Assets

AFS financial assets are those which are designated as such or do not qualify to be classified or designated at FVPL, HTM investments or loans and receivables.

Financial assets may be designated at initial recognition as AFS financial assets if they are purchased and held indefinitely, and may be sold in response to liquidity requirements or changes in market conditions.

AFS financial assets are included in current assets if it is expected to be realized or disposed of within twelve (12) months from the end of the financial reporting period. Otherwise, these are classified as noncurrent assets.

When the security is disposed of, the cumulative gain or loss previously recognized in "Net valuation gains (losses) on AFS financial assets" under equity is recognized in the consolidated statement of income. Where the Group holds more than one investment in the same security, these are deemed to be disposed of on a first-in, first-out basis. Interest earned on holding AFS financial



assets are reported as "Interest income" using the EIR. Dividends earned on holding AFS financial assets are recognized in the consolidated statement of income when the right of payment has been established. The losses arising from impairment of such investments are recognized in the consolidated statement of income.

The Group uses the specific identification method in determining the cost of securities sold.

The Group's investments in debt and equity instruments are classified under this category (see Note 7).

## Other Financial Liabilities

This category pertains to financial liabilities that are not held for trading, not derivatives, or not designated as at FVPL upon the inception of the liability. After initial recognition, other financial liabilities are subsequently measured at amortized cost using the EIR method. Gains and losses are recognized in the consolidated statement of income when the liabilities are derecognized as well as through the EIR amortization process.

Amortized cost is calculated by taking into account any issue cost, and any discount or premium on settlement. The EIR amortization is included under "Finance income" in the consolidated statement of income.

This accounting policy applies primarily to the Group's trade and other payables, short-term and long-term debts, long-term payable and other obligations that meet the above definition (excluding government payables and other liabilities that are covered by other accounting standards, such as income tax payable and pension; see Notes 15, 16 and 18).

#### Offsetting of Financial Instruments

Financial assets and financial liabilities are only offset and the net amount is reported in the consolidated statement of financial position when there is a legally enforceable right to set off the recognized amounts and the Group intends to either settle on a net basis, or to realize the asset and the liability simultaneously.

## **Impairment of Financial Assets**

The Group assesses at each end of the financial reporting period whether there is any objective evidence that a financial asset or a group of financial assets is impaired. A financial asset or a group of financial assets is deemed to be impaired if, and only if, there is objective evidence of impairment as a result of one or more events that has occurred after the initial recognition of the asset (an incurred "loss event") and that loss event has an impact on the estimated future cash flows of the financial asset or the group of financial assets that can be reliably estimated.

Evidence of impairment may include indications that the debtors or a group of debtors is experiencing significant financial difficulty, default or delinquency in interest or principal payments, the probability that they will enter bankruptcy or other financial reorganization and where observable data indicate that there is a measurable decrease in the estimated future cash flows, such as changes in arrears or economic conditions that correlate with defaults.

#### Loans and Receivables

For financial assets carried at amortized cost, the Group first assesses individually whether objective evidence of impairment exists individually for financial assets that are individually significant, or collectively for financial assets that are not individually significant. If the Group determines that no objective evidence of impairment exists for an individually assessed financial asset, whether significant or not, it includes the asset in a group of financial assets with similar



credit risk characteristics and collectively assesses them for impairment. Assets that are individually assessed for impairment and for which an impairment loss is, or continues to be, recognized are not included in a collective assessment of impairment.

If there is objective evidence that an impairment loss was incurred, the amount of the loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows (excluding future expected credit losses that have not yet been incurred). The present value of the estimated future cash flows is discounted at the financial assets' original EIR. If a loan has a variable interest rate, the discount rate for measuring any impairment loss is the current EIR.

The carrying amount of the assets is reduced through the use of an allowance account and the amount of loss is recognized in the consolidated statement of income. Interest income continues to be accrued on the reduced carrying amount and is accrued using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss. The interest income is recorded as part of "Finance income" in the consolidated statement of income. Loans, together with the associated allowance, are written-off when there is no realistic prospect of future recovery and all collateral has been realized or has been transferred to the Group.

If, in a subsequent year, the amount of the estimated impairment loss decreases because of an event occurring after the impairment loss was recognized, the previously recognized impairment loss is increased or reduced by adjusting the allowance account. Any subsequent reversal of an impairment loss is recognized in the consolidated statement of income, to the extent that the carrying value of the asset does not exceed its amortized cost at the reversal date.

#### AFS Financial Assets

For AFS financial assets, the Group assesses at each end of the financial reporting period whether there is objective evidence that a financial asset or group of financial assets is impaired.

In the case of equity investments classified as AFS financial assets, objective evidence would include a significant or prolonged decline in the fair value of the investments below its cost. The determination of what is "significant" or "prolonged" requires judgment. "Significant" is to be evaluated against the original cost of the investment and "prolonged" against the period in which the fair value has been below its original cost. Where there is evidence of impairment, the cumulative loss (measured as the difference between the acquisition cost and the current fair value, less any impairment loss on that investment previously recognized in OCI) is removed from OCI and recognized in the consolidated statement of income.

Impairment losses on equity investments are not reversed through the consolidated statement of income while increases in fair value after impairment are recognized directly in OCI under equity. In the case of debt instruments classified as AFS financial assets, impairment is assessed based on the same criteria as financial assets carried at amortized cost. However, the amount recorded for impairment is the cumulative loss measured as the difference between the amortized cost and the current fair value, less any impairment loss on that investment previously recognized in the consolidated statement of income.

Future interest income continues to be accrued based on the reduced carrying amount of the asset, using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss. The interest income is recorded as part of "Finance income" in the consolidated statement of income. If, in the subsequent year, the fair value of a debt instrument increases and the increase can be objectively related to an event occurring after the impairment loss was



recognized through the consolidated statement of income, the impairment loss is reversed through the consolidated statement of income.

If there is objective evidence of impairment loss in unquoted equity instrument for AFS financial assets carried at cost, such as unquoted equity instrument that is not carried at fair value because its fair value cannot be reliably measured, the amount of the loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows discounted at the current market rate of return for a similar financial asset. Objective evidence of impairment includes, but is not limited to, significant financial difficulty of the issuer or obligor and it becoming probable that the borrower will enter bankruptcy or other financial reorganization.

## Derecognition of Financial Instruments

## Financial Assets

A financial asset (or, where applicable a part of a financial asset or part of a group of similar financial assets) is derecognized when:

- The rights to receive cash flows from the asset have expired;
- The Group retains the right to receive cash flows from the asset, but has assumed an obligation to pay them in full without material delay to a third party under a "pass-through" arrangement; or
- The Group has transferred its rights to receive cash flows from the asset and either: (a) has transferred substantially all the risks and rewards of the asset; or (b) has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

Where the Group has transferred its rights to receive cash flows from an asset or has entered into a pass-through arrangement and has neither transferred nor retained substantially all the risks and rewards of the asset nor transferred control of the asset, the asset is recognized to the extent of the Group's continuing involvement in the asset. Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Group could be required to repay. In such case, the Group also recognizes an associated liability.

The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Group has retained.

## Financial Liabilities

A financial liability is derecognized when the obligation under the liability is discharged, cancelled or has expired.

Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts of a financial liability extinguished or transferred to another party and the consideration paid, including any non-cash assets transferred or liabilities assumed, is recognized in the consolidated statement of income.

#### Derivatives

Derivative financial instruments are initially recognized at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at fair value. Derivatives are carried as assets when the fair value is positive and as liabilities when the fair value is negative. Derivatives are accounted for at FVPL, where any gains or losses arising from changes in fair



value on derivatives are taken directly to net consolidated profit or loss for the year, unless the transaction is designated as effective hedging instrument.

#### **Embedded Derivatives**

An embedded derivative is separated from the host financial or nonfinancial contract and accounted for as a derivative if all of the following conditions are met:

- The economic characteristics and risks of the embedded derivative are not closely related to the economic characteristic of the host contract;
- A separate instrument with the same terms as the embedded derivative would meet the definition of a derivative; and
- The hybrid or combined instrument is not recognized at FVPL.

The Group assesses whether embedded derivatives are required to be separated from host contracts when the Group first becomes a party to the contract. Reassessment only occurs if there is change in the terms of the contract that significantly modifies the cash flows that would otherwise be required. Embedded derivatives that are bifurcated from the host contracts are accounted for either as financial assets or financial liabilities at FVPL. Changes in fair values are included in consolidated profit or loss.

After initial recognition, the Group measures the derivative assets at their fair values, without any deduction for transaction costs it may incur on sale or other disposal, except for the investments in equity instruments that do not have a quoted price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such equity instruments, which shall be measured at cost.

#### Inventories

Inventories, including the long-term stockpile inventory, are carried at the lower of cost and net realizable value (NRV). Cost is determined by the moving average production cost during the year for beneficiated nickel and limestone ore exceeding a determined cut-off grade and average handling costs of limonite ores. The NRV of beneficiated nickel and limestone ore inventories is the estimated selling price in the ordinary course of business, less the estimated costs of completion and the estimated costs necessary to make the sale. Periodic ore inventory survey is performed to determine the volume of ore inventory.

For materials and supplies, cost is determined using the moving average method and composed of purchase price, transport, handling and other costs directly attributable to its acquisition. The NRV of materials and supplies is the current replacement cost. Any provision for inventory losses is determined by reference to specific items of stock. A regular review is undertaken to determine the extent of any provision or obsolescence.

The long-term stockpile inventory cost is represented by the fair value of the long-term stockpile inventory related to the acquisition of the controlling interest in RTN in August 2006. The fair value was determined using the present value of the estimated cash flows, which RTN will derive from the sale of this inventory to CBNC under its Nickel Ore Supply Agreement with CBNC (see Note 34a). After initial recognition, the long-term stockpile inventory is subsequently charged to cost of sales based on actual tonnage delivered to CBNC. NRV of long-term stockpile inventory is the estimated selling price in the ordinary course of business less the estimated costs necessary to make the sale.



## Prepayments and Other Current Assets

Prepayments and other current assets include input tax, advances and deposits, tax credit certificates, short-term cash investment, derivative asset, and various prepayments which the Group expects to realize or consume the assets within twelve (12) months after the end of the financial reporting period.

#### VAT

Input VAT represents VAT imposed on the Group by its suppliers and contractors for the acquisition of goods and services required under Philippine taxation laws and regulations and is included under "Prepayments and other current assets", which can be recovered as tax credit against future tax liability of the Group. Output VAT represents indirect taxes passed on by the Group resulting from sale of goods and services, as applicable, and as required under Philippine taxation laws and regulations. Deferred input VAT, which represents input VAT on capitalized assets subject to amortization, and any excess input VAT which (1) may be utilized against output VAT, if any, beyond twelve (12) months from the end of the financial reporting period or (2) are being claimed for refund or as tax credits with the BIR and/or Court of Tax Appeals are presented as part of "Other noncurrent assets" in the consolidated statement of financial position. Input VAT is stated at its estimated NRV.

## **Property and Equipment**

Except for land, property and equipment is stated at cost, excluding the costs of day-to-day servicing, less accumulated depreciation, amortization and depletion and accumulated impairment loss. The initial cost of property and equipment consists of its purchase price including import duties and any directly attributable costs of bringing the property and equipment to its working condition and location for its intended use. Such cost includes the cost of replacing part of such property and equipment when the recognition criteria are met. When each major inspection is performed, its cost is recognized in the carrying amount of the property and equipment as a replacement if the recognition criteria are satisfied. Land is stated at cost less any impairment in value.

Depreciation and amortization are computed on the straight-line basis over the following estimated useful lives of the assets:

Category	Number of Years
Land improvements	5
Machinery and equipment	2-15
Buildings and improvements	2-25

Mining properties and development costs include the capitalized cost of mine rehabilitation and decommissioning and other development cost necessary to prepare the area for operations. Depletion of mining properties and development costs is calculated using the unit-of-production method based on the estimated economically recoverable reserves to which they relate to or are written-off if the property is abandoned. Development costs are depreciated using the straight-line method over the estimated useful life of the asset of twenty (20) years to thirty (30) years.

Construction in-progress represents work under construction and is stated at cost. Construction in-progress is not depreciated until such time that the relevant assets are completed and available for use.

Depreciation, amortization and depletion of property and equipment, except land, begins when it becomes available for use, i.e., when it is in the location and condition necessary for it to be capable of operating in the manner intended by management, or in case of mining properties, from



start of commercial operations upon extraction of ore reserves. Depreciation, amortization and depletion ceases when the assets are fully depreciated, amortized or depleted, or at the earlier of the date that the item is classified as held for sale (or included in the disposal group that is classified as held for sale) in accordance with PFRS 5, *Noncurrent Assets Held for Sale and Discontinued Operations*, and the date the item is derecognized.

The assets' estimated recoverable reserves, residual values, useful lives and depreciation, amortization and depletion methods are reviewed periodically to ensure that the estimated recoverable reserves, residual values, periods and methods of depreciation, amortization and depletion are consistent with the expected pattern of economic benefits from items of property and equipment. If there is an indication that there has been a significant change in depreciation, amortization and depletion rate, useful life or residual value of an asset, these are revised prospectively to reflect the new expectations.

The carrying values of property and equipment are reviewed for impairment when events or changes in circumstances indicate that the carrying value may not be recoverable.

An item of property and equipment is derecognized upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the consolidated statement of income in the year the asset is derecognized.

The asset revaluation surplus which arose from the acquisition of the controlling interest in RTN in August 2006, relates to the land, machinery and equipment, and building improvements. The related and applicable depreciation on these assets is transferred periodically to retained earnings.

Fully depreciated assets are retained in the accounts until they are no longer in use and no further depreciation is charged to current operations.

## Borrowing Cost

Borrowing costs directly attributable to the development of the Group's projects that necessarily take a substantial period of time to get ready for its intended sale are capitalized. Borrowing costs consist of interest on borrowed funds used to finance the construction of the asset and other financing costs that the Group incurs in connection with the borrowing of funds. The capitalization of the borrowing cost as part of the cost of the asset: (a) commences when the expenditures and borrowing costs are being incurred during the construction and related activities necessary to prepare the asset for its intended use are in progress; and (b) ceases when substantially all the activities necessary to prepare the asset for its intended use are complete. Capitalized borrowing costs are based on the applicable borrowing rate agreed in the agreement.

## **Investment Properties**

Investment properties, which pertain to land, is measured initially at cost, including transaction costs. The carrying amount includes the cost of replacing part of an existing investment property at the time that cost is incurred if the recognition criteria are met and excludes the costs of day-to-day servicing of an investment property. Subsequent to initial recognition, investment property is carried at cost less any accumulated impairment losses.

Investment property is derecognized when either they have been disposed of or when the investment property is permanently withdrawn from use and no future economic benefit is expected from its disposal. Any gains or losses on the retirement or disposal of an investment property are recognized in the consolidated statement of income in the year of retirement or disposal.



Transfers are made to investment properties when, and only when, there is a change in use, evidenced by ending of owner-occupation or commencement of an operating lease to another party. Transfers are made from investment properties when, and only when, there is a change in use, evidenced by commencement of owner-occupation or commencement of development with a view to sale.

Under the cost model, transfers between investment property and owner-occupied property do not change the carrying amount of the property transferred and they do not change the cost of that property for measurement or disclosure purposes.

## Investments in Associates

Associates are entities over which the Group is able to exert significant influence. Significant influence is the power to participate in the financial and reporting policy decisions of the investee, but has no control or joint control over those policies. The consideration made in determining significant influence is similar to those necessary to determine control activities. The Group's investments in associates are accounted for using the equity method, less any impairment in value, in the consolidated statement of financial position.

The consolidated statement of income reflects the Group's share of the results of operations of the associates. When there has been a change recognized directly in the equity of the associate, the Group recognizes its share of any changes, when applicable, in the consolidated statement of changes in equity. Unrealized gains and losses resulting from transactions between the Group and the associates are eliminated to the extent of the interest in the associate. The aggregate of the Group's share in profit or loss of an associate is shown in the consolidated statement of income outside operating profit and represents profit or loss after tax and NCI in the subsidiaries of the associate.

The financial statements of the associates are prepared for the same reporting period and using uniform accounting policies as the Group. When necessary, adjustments are made to bring the accounting policies of the associates in line with those of the Group.

## Business Combinations and Goodwill

Business combinations are accounted for using the acquisition method. The cost of an acquisition is measured as the aggregate of the consideration transferred, measured at acquisition date fair value and the amount of any non-controlling interest in the acquiree. For each business combination, the acquirer measures the non-controlling interest in the acquiree either at fair value or at the proportionate share of the acquiree's identifiable net assets. Acquisition-related costs incurred are charged to profit or loss.

When the Group acquires a business, it assesses the financial assets and liabilities assumed for appropriate classification and designation in accordance with the contractual terms, economic circumstances and pertinent conditions as at the acquisition date. This includes the separation of embedded derivatives in host contracts by the acquiree.

If the business combination is achieved in stages, the acquisition date fair value of the acquirer's previously held equity interest in the acquiree is remeasured to fair value at the acquisition date through profit or loss.



Any contingent consideration to be transferred by the acquirer will be recognized at fair value at the acquisition date. Subsequent changes to the fair value of the contingent consideration which is deemed to be an asset or liability, will be recognized in accordance with PAS 39, either in profit or loss or as a charge to OCI. If the contingent consideration is classified as equity, it should not be remeasured until it is finally settled within equity.

Goodwill is initially measured at cost being the excess of the aggregate of fair value of the consideration transferred and the amount recognized for non-controlling interest over the net identifiable assets acquired and liabilities assumed. If this consideration is lower than the fair value of the net assets of the subsidiary acquired, the difference is recognized in profit or loss. After initial recognition, goodwill is measured at cost less any accumulated impairment losses.

Goodwill is tested for impairment annually. For the purpose of impairment testing, goodwill acquired in a business combination is, from the date of acquisition, allocated to each of the Group's cash generating unit (CGU), or groups of CGUs, that are expected to benefit from the synergies of the combination, irrespective of whether other assets or liabilities of the acquiree are assigned to those units or group of units. Each unit or group of units to which the goodwill is allocated:

- Represents the lowest level within the Group at which the goodwill is monitored for internal management purposes; and
- Is not larger than an operating segment identified for segment reporting purposes.

Where goodwill forms part of a CGU (or group of CGUs) and part of the operation within that unit is disposed of, the goodwill associated with the operation disposed of is included in the carrying amount of the operation when determining the gain or loss on disposal of the operation. Goodwill disposed of in this circumstance is measured based on the relative values of the operation disposed of and the portion of the CGU retained.

## Geothermal Exploration and Evaluation Assets

The Group follows the full cost method of accounting for its geothermal exploration and evaluation assets determined on the basis of the service contract. Under this method, all exploration costs relating to each service contract are accumulated and deferred under "Geothermal exploration and evaluation assets" account in the consolidated statement of financial position pending the determination of whether the wells have proved reserves. Capitalized expenditures include costs of license acquisition, technical services and studies, exploration drilling and testing, and appropriate technical and administrative expenses. If tests conducted on the drilled exploratory wells reveal that these wells cannot produce proved reserves, the capitalized costs are charged to expense. Once the technical feasibility and commercial viability of the project to produce proved reserves are established, the deferred charges shall be reclassified to property and equipment.

Geothermal exploration and evaluation assets are derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the assets. Any gain or loss arising from the derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the assets) is included in the consolidated statement of income in the year the item is derecognized.

## Other Noncurrent Assets

Other noncurrent assets of the Group include deferred mine exploration costs, input tax, loan receivable, advances and deposits, MRF, project development costs, SDMP funds, long-term negotiable instrument, cash held in escrow, pension asset and other deposits. Aside from cash held in escrow, MRF, SDMP funds and restricted cash which are restricted as to withdrawal for



specified purpose, these are classified as noncurrent since the Group expects to utilize the assets beyond twelve (12) months from the end of the financial reporting period.

## Deferred Mine Exploration Costs

Expenditures for the acquisition of property rights are capitalized. Expenditures for mine exploration work prior to drilling are charged to operations. When it has been established that a mineral deposit is commercially mineable and a decision has been made to formulate a mining plan (which occurs upon completion of a positive economic analysis of the mineral deposit), costs subsequently incurred to develop a mine on the property prior to the start of mining operations are capitalized. Upon the start of commercial operations, such costs are transferred to property and equipment. Capitalized amounts may be written down if future cash flows, including potential sales proceeds related to the property, are projected to be less than the carrying value of the property. If no mineable ore body is discovered, capitalized acquisition costs are expensed in the period in which it is determined that the mineral property has no future economic value.

Costs incurred during the start-up phase of a mine are expensed as incurred. Ongoing mining expenditures on producing properties are charged against earnings as incurred. Major development expenditures incurred to expose the ore, increase production or extend the life of an existing mine are capitalized.

## Deferred Stripping Costs

Stripping costs incurred in the development of a mine before production commences are capitalized as part of the cost of constructing the mine which are amortized subsequently. Where a mine operates several open pit that are regarded as separate operations for the purpose of mine planning, stripping costs are accounted for separately by reference to the ore from each separate pit. If, however, the pits are highly integrated for the purpose of the mine planning, the second and subsequent pits are regarded as extensions of the first pit in accounting for stripping costs. In such cases, the initial stripping (i.e., overburden and other waste removal) of the second and subsequent pits is considered to be production phase stripping relating to the combined operation.

For stripping costs incurred subsequently during the production stage of the operation, the stripping activity cost is accounted as part of the cost of inventory if the benefit from the stripping activity will be realized in the current period. When the benefit is the improved access to ore, the Group shall recognize these costs as stripping activity assets. The stripping activity asset is accounted for as an addition to, or as an enhancement of, an existing asset. After initial recognition, the deferred stripping cost is carried at its cost less depreciation or amortization and less impairment losses.

## Impairment of Nonfinancial Assets

Inventories and Long-term Stockpile Inventory

The Group determines the NRV of inventories and long-term stockpile inventory at each end of the financial reporting period. If the cost of the inventories and long-term stockpile inventory exceeds its NRV, the asset is written down to its NRV and impairment loss is recognized in the consolidated statement of income in the year the impairment is incurred. In the case when NRV of the inventories and long-term stockpile inventory increased subsequently, the NRV will increase the carrying amounts of inventories but only to the extent of their original acquisition costs.

Property and Equipment, Investment Properties, Nonfinancial Prepayments and Other Current and Noncurrent Assets

The Group assesses, at each end of the financial reporting period, whether there is an indication that an asset may be impaired. Assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. If any such



indication exists and where the carrying amount of an asset exceeds its recoverable amount, the asset or CGU is written down to its recoverable amount. An asset's recoverable amount is the higher of an asset's or CGU's fair value less costs to sell and its value in use. The fair value less costs to sell is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date less the costs of disposal, while value in use is the present value of estimated future cash flows expected to arise from the continuing use of an asset and from its disposal at the end of its useful life. These calculations are corroborated by valuation multiples or other available fair value indicators. For an asset that does not generate largely independent cash inflows, the recoverable amount is determined for the CGU to which the asset belongs. Impairment losses are recognized in the consolidated statement of income.

Recovery of impairment loss recognized in prior years is recorded when there is an indication that the impairment losses recognized for the asset no longer exist or have decreased. The recovery is recorded in the consolidated statement of income. However, the increased carrying amount of an asset due to a recovery of an impairment loss is recognized to the extent it does not exceed the carrying amount that would have been determined (net of depreciation, amortization and depletion) had no impairment loss been recognized for that asset in prior years.

#### Investments in Associates

After application of the equity method, the Group determines whether it is necessary to recognize an impairment loss on its investments in associates. At each end of the financial reporting period, the Group determines whether there is objective evidence that the investments in associates are impaired. If there is such evidence, the Group calculates the amount of impairment as the difference between the recoverable amount of the associate and its carrying value, and then recognizes the amount in the consolidated statement of income.

Upon loss of significant influence over the associate, the Group measures and recognizes any retained investment at its fair value. Any difference between the carrying amount of the associate upon loss of significant influence and the fair value of the retained investment and proceeds from disposal is recognized in the consolidated statement of income.

Geothermal Exploration and Evaluation Assets and Deferred Mine Exploration Costs
An impairment review is performed, either individually or at the CGU level, when there are indicators that the carrying amount of the assets may exceed their recoverable amounts. To the extent that this occurs, the excess is fully provided against, in the financial reporting period in which this is determined.

Facts and circumstances that would require an impairment assessment as set forth in PFRS 6, *Exploration for and Evaluation of Mineral Resources*, are as follows:

- The period for which the Group has the right to explore in the specific area has expired or will expire in the near future and is not expected to be renewed;
- Substantive expenditure on further exploration and evaluation of mineral resources in the specific area is neither budgeted nor planned;
- Exploration for and evaluation of mineral resources in the specific area have not led to the discovery of commercially viable quantities of mineral resources and the entity has decided to discontinue such activities in the specific area;
- When a service contract where the Group has participating interest in is permanently abandoned; and
- Sufficient data exist to indicate that, although a development in the specific area is likely to



proceed, the carrying amount of the exploration and evaluation asset is unlikely to be recovered in full from successful development or by sale.

Geothermal exploration and evaluation assets and deferred mine exploration costs are reassessed on a regular basis.

## Other Current Liability

Other current liability pertains to deposits for future stock subscription which represents proceeds for stock subscription where actual issuance is not yet made.

The Group classifies its deposits for future stock subscription as a separate account under equity if and only if, all of the following elements are present as at the end of the financial reporting period:

- There is a lack of or insufficiency in authorized unissued shares of stock;
- The BOD and stockholders have approved an increase in authorized capital stock; and
- An application for the approval of the increase in authorized capital stock has been presented for filing or has been filed with the SEC.

If any or all of the foregoing elements are not present, the deposits for future stock subscription shall be recognized and included as a separate line item under liabilities in the consolidated statement of financial position.

#### Deferred Income

Deferred income is advance payments received during one (1) accounting period but earned and shown in the consolidated statement of income in the year when it can be matched with the period in which it is realized as income.

## **Provisions**

## General

Provisions are recognized when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. Provisions are reviewed at each end of the financial reporting period and adjusted to reflect the current best estimate. The expense relating to any provision is presented in the consolidated statement of income, net of any reimbursement. If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects, where appropriate, the risks specific to the liability. Where discounting is used, the increase in the provision due to the passage of time is recognized as part of "Finance expense" in the consolidated statement of income.

## Provision for Mine Rehabilitation and Decommissioning

The Group records the present value of estimated costs of legal and constructive obligations required to restore operating locations in the period in which the obligation is incurred. The nature of these restoration activities includes dismantling and removing structures, rehabilitating mines and tailings dams, dismantling operating facilities, closure of plant and waste sites, and restoration, reclamation and re-vegetation of affected areas. The obligation generally arises when the asset is installed or the ground/environment is disturbed at the production location. When the liability is initially recognized, the present value of the estimated cost is capitalized by increasing the carrying amount of the related mining assets. Over time, the discounted liability is increased for the change in present value based on the discount rates that reflect current market assessments and the risks specific to the liability.



The periodic unwinding of the discount is recognized in the consolidated statement of income as "Finance expense". Additional disturbances or changes in rehabilitation costs will be recognized as additions or charges to the corresponding assets and provision for mine rehabilitation and decommissioning when they occur. When rehabilitation is conducted systematically over the life of the operation, rather than at the time of closure, provision is made for the estimated outstanding continuous rehabilitation work at each end of the financial reporting period and the cost is charged to consolidated statement of income.

The ultimate cost of mine rehabilitation and decommissioning is uncertain and cost estimates can vary in response to many factors including changes to the relevant legal requirements, the emergence of new restoration techniques or experience. The expected timing of expenditure can also change, for example in response to changes in ore reserves or production rates. As a result, there could be significant adjustments to the provision for mine rehabilitation and decommissioning, which would affect future financial results. For closed sites, changes to estimated costs are recognized immediately in the consolidated statement of income.

MRF committed for use in satisfying environmental obligations are included within "Other noncurrent assets" in the consolidated statement of financial position.

#### OC.

OCI comprises items of income and expense (including items previously presented under the consolidated statement of changes in equity) that are not recognized in the consolidated statement of income for the year in accordance with PFRS.

## Capital Stock

Common shares are classified as equity and are measured at par value for all shares issued and outstanding.

Preferred shares are classified as equity if it is non-redeemable, or redeemable only at the Parent Company's option, and any dividends are discretionary. Dividends thereon are recognized as distributions within equity upon approval by the Parent Company's BOD. Preferred shares are classified as a liability if it is redeemable on a specific date or at the option of the shareholders, or if dividend payments are not discretionary. Dividends thereon are recognized under "Retained earnings" in the consolidated statement of financial position.

Incremental costs directly attributable to the issue of new shares or options are shown in equity as a deduction from proceeds. The excess of proceeds from issuance of shares over the par value of shares are credited to additional paid-in capital.

Unpaid subscriptions are recognized as a reduction from subscribed capital shares.

## **Retained Earnings**

Retained earnings represent the cumulative balance of periodic net income or loss, prior period adjustments, effect of changes in accounting policies in accordance with PAS 8, *Accounting Policies, Changes in Accounting Estimates and Errors* and other capital adjustments, net of any dividend declaration

Dividends are recognized as a liability and deducted from equity when they are approved or declared by the BOD and/or stockholders. Dividends for the period that are approved after the end of the financial reporting period are dealt with as an event after the end of the financial reporting period.



## **Share-based Payment Transactions**

The executives of the Group receive remuneration in the form of share-based payments, whereby employees render services as consideration for equity instruments (equity-settled transactions).

The cost of equity-settled transaction is determined by the fair value at the date when the grant is made using the Black Scholes-Merton model. The cost of equity-settled transaction is recognized, together with a corresponding increase in equity, over the period in which the service conditions are fulfilled ending on the date on which the relevant employees become fully entitled to the award ("the vesting date"). The cumulative expense recognized for equity-settled transactions at the end of each financial reporting period until the vesting date reflects the extent to which the vesting period has expired and the Parent Company's best estimate of the number of equity instruments that will ultimately vest.

The charge or credit for a period in the consolidated statement of income represents the movement in cumulative expense recognized as at the beginning and end of that period and are recognized in personnel costs.

No expense is recognized for awards that do not ultimately vest.

Where the terms of an equity-settled transaction award are modified, the minimum expense recognized is the expense as if the terms had not been modified, if the original terms of the award are met. An additional expense is recognized for any modification that increases the total fair value of the share-based payment transaction, or is otherwise beneficial to the employee as measured at the date of modification.

Where an equity-settled award is cancelled, it is treated as if it vested on the date of cancellation, and any expense not yet recognized for the award is recognized immediately. However, if a new award is substituted for the cancelled award, and designated as a replacement award on the date that it is granted, the cancelled and new awards are treated as if they were a modification of the original award, as described in the previous paragraph.

The dilutive effect of outstanding options is reflected as additional share dilution in the computation of diluted EPS.

## Basic/Diluted EPS

Basic EPS

Basic EPS amounts are calculated by dividing the net income attributable to ordinary equity holders of the Parent Company by the weighted average number of ordinary shares outstanding, after giving retroactive effect for any stock dividends, stock splits or reverse stock splits during the year.

#### Diluted EPS

Diluted EPS amounts are calculated by dividing the net income attributable to ordinary equity holders of the Parent Company by the weighted average number of ordinary shares outstanding, adjusted for any stock dividends declared during the year plus weighted average number of ordinary shares that would be issued on the conversion of all the dilutive ordinary shares into ordinary shares, excluding treasury shares.



#### Revenue Recognition

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Group and the revenue can be reliably measured. The following specific recognition criteria must also be met before revenue is recognized:

#### Sale of Beneficiated Nickel and Limestone Ore

Revenue is recognized when the significant risks and rewards of ownership of the goods have passed to the buyer, which in the case of deliveries other than to CBNC and THNC, coincides with the loading of the ores into the buyer's vessel and the date of the bill of lading issued by the buyer's shipping agent. In the case of deliveries to CBNC and THNC, this occurs at the time the ore passes into the ore preparation hopper of the respective plants. Under the terms of the arrangements with customers, other than THNC, the Group bills the remaining balance, generally at five percent (5%) to twenty percent (20%) of the ore shipped, based on the assay results agreed by both the Group and the customers. Where the assay results are not yet available as at the end of the financial reporting period, the Group accrues the remaining five percent (5%) to twenty percent (20%) of the revenue based on the amount of the initial billing made. For THNC, one hundred percent (100%) of the revenue is billed monthly.

### Rendering of Services

Revenue from rendering of services consists of shipsiding activities, service fees, usage fees, assaying fees, drilling fees and materials handling fees are recognized when the services are rendered.

#### Interest

Revenue is recognized as interest accrues (using the EIR method that is the rate that exactly discounts estimated future cash receipts through the expected life of the financial instrument to the net carrying amount of the financial asset).

#### Dividend

Dividend income is recognized when the Group's right to receive payment is established.

#### Rental

Revenue is recognized based on a straight-line basis over the term of the lease agreement.

## Despatch

Despatch pertains to the income earned when the shipment is loaded within the allowable laytime Revenue is recognized when shipment loading is completed within the allowable laytime.

#### Issuance of Fuel, Oil and Lubricants

Revenue is recognized upon release of inventory from the depot.

#### Other Income

Revenue is recognized in the consolidated statement of income as they are earned.

#### Cost and Expense Recognition

Cost and expenses are decreases in economic benefits during the financial reporting period in the form of outflows or decrease of assets or incurrence of liabilities that result in decrease in equity, other than those relating to distributions to equity participants. Cost and expenses, finance expenses and other charges are generally recognized when the expense arises, incurred or accrued in the appropriate period.



## Cost of Sales

Cost of sales is incurred in the normal course of business and is recognized when incurred. They comprise mainly of cost of goods sold, which are provided in the period when goods are delivered.

#### Cost of Services

Cost of services is incurred in the normal course of business and is provided in the period when the related service has been rendered.

## Operating Expenses

Operating expenses consist of costs associated with the development and execution of marketing and promotional activities, costs of shipping and loading which are expenses incurred in connection with the distribution of ores, excise taxes and royalties due to the government and to indigenous people, and expenses incurred in the direction and general administration of day-to-day operation of the Group. These are generally recognized when the expense arises or incurred.

#### Leases

Determination of Whether an Arrangement Contains a Lease

The determination of whether an arrangement is, or contains, a lease is based on the substance of the arrangement at the inception of the lease. The arrangement is, or contains, a lease if fulfilment of the arrangement is dependent on the use of a specific asset or assets and the arrangement conveys a right to use the asset or assets, even if that right is not explicitly specified in an arrangement.

A reassessment is made after inception of the lease only if one of the following applies:

- a) There is a change in contractual terms, other than a renewal or extension of the arrangement;
- b) A renewal option is exercised or extension granted, unless that term of the renewal or extension was initially included in the lease term;
- c) There is a change in the determination of whether fulfillment is dependent on a specified asset; or
- d) There is a substantial change to the asset.

Where a reassessment is made, lease accounting shall commence or cease from the date when the change in circumstances gave rise to the reassessment for scenarios (a), (c) or (d) above, and at the date of renewal or extension period for scenario (b).

#### Group as a Lessee

Leases where the lessor retains substantially all the risks and benefits of ownership of the asset are classified as operating leases. Operating lease payments are amortized as expense in the consolidated statement of income on a straight-line basis over the lease term.

#### Group as a Lessor

Leases where the Group retains substantially all the risks and rewards of ownership of the asset are classified as operating leases. Initial direct costs incurred in negotiating an operating lease are added to the carrying amount of the leased asset and recognized over the lease term on the same basis as rental income.

#### **Pension Costs**

The net defined benefit liability or asset is the aggregate of the present value of the defined benefit obligation at the end of the financial reporting period reduced by the fair value of plan assets (if any), adjusted for any effect of limiting a net defined benefit asset to the asset ceiling. The asset



ceiling is the present value of any economic benefits available in the form of refunds from the plan or reductions in future contributions to the plan.

The cost of providing benefits under the defined benefit plans is actuarially determined using the projected unit credit method. This method reflects service rendered by employees to the date of valuation and incorporates assumptions concerning the employees' projected salaries.

Defined benefit costs comprise the following:

- Service cost:
- Net interest on the net defined benefit liability or asset; and
- Remeasurements of net defined benefit liability or asset.

Service costs which include current service costs, past service costs and gains or losses on non-routine settlements are recognized as pension costs under "Personnel costs" in the consolidated statement of income. Past service costs are recognized when plan amendment or curtailment occurs. These amounts are calculated periodically by independent qualified actuaries.

Net interest on the net defined benefit liability or asset is the change during the period in the net defined benefit liability or asset that arises from the passage of time which is determined by applying the discount rate based on government bonds to the net defined benefit liability or asset. Net interest on the net defined benefit liability or asset is recognized and included under "Finance expense" or "Finance income" in the consolidated statement of income.

Remeasurements comprising actuarial gains and losses, return on plan assets and any change in the effect of the asset ceiling (excluding net interest on defined benefit liability) are recognized immediately in OCI in the period in which they arise. Remeasurements are not reclassified to consolidated statement of income in subsequent periods. Remeasurements recognized in OCI after the initial adoption of Revised PAS 19 are closed to retained earnings.

Plan assets are assets that are held by a long-term employee benefit fund or qualifying insurance policies. Plan assets are not available to the creditors of the Group, nor can they be paid directly to the Group. Fair value of plan assets is based on market price information. When no market price is available, the fair value of plan assets is estimated by discounting expected future cash flows using a discount rate that reflects both the risk associated with the plan assets and the maturity or expected disposal date of those assets (or, if they have no maturity, the expected period until the settlement of the related obligations).

If the fair value of the plan assets is higher than the present value of the defined benefit obligation, the measurement of the resulting defined benefit asset is limited to the present value of economic benefits available in the form of refunds from the plan or reductions in future contributions to the plan.

The Group's right to be reimbursed of some or all of the expenditure required to settle a defined benefit obligation is recognized as a separate asset at fair value when and only when reimbursement is virtually certain.

## **Income Taxes**

Current Income Tax

Current income tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities. The income tax rates and income tax laws used to compute the amount are those that are enacted or substantively



enacted at the end of the financial reporting period. Management periodically evaluates positions taken in the tax returns with respect to situations in which applicable tax regulations are subject to interpretations and establishes provisions where appropriate.

#### Deferred Income Tax

Deferred income tax is provided using the balance sheet liability method on temporary differences at the end of the financial reporting period between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred income tax liabilities are recognized for all taxable temporary differences, except:

- Where the deferred income tax liability arises from the initial recognition of goodwill or of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable income or loss; and
- In respect of taxable temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, where the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not reverse in the foreseeable future.

Deferred income tax assets are recognized for all deductible temporary differences, carryforward benefits of unused tax credits and unused tax losses, to the extent that it is probable that sufficient taxable income will be available against which the deductible temporary differences, and the carryforward benefits of unused tax credits and unused tax losses can be utilized except:

- Where the deferred income tax asset relating to the deductible temporary difference arises
  from the initial recognition of an asset or liability in a transaction that is not a business
  combination and, at the time of the transaction, affects neither the accounting income nor
  taxable income or loss; and
- In respect of deductible temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, deferred income tax assets are recognized only to the extent that it is probable that the temporary differences will reverse in the foreseeable future and taxable profit will be available against which the temporary differences can be utilized.

The carrying amount of deferred income tax assets is reviewed at each end of the financial reporting period and reduced to the extent that it is no longer probable that sufficient taxable income will be available to allow all or part of the deferred income tax asset to be utilized. Unrecognized deferred income tax assets are reassessed at each end of the financial reporting period and are recognized to the extent that it has become probable that future taxable profit will allow the deferred income tax asset to be recovered.

Deferred income tax assets and liabilities are measured at the tax rates that are expected to apply to the year when the asset is realized or the liability is settled, based on income tax rates (and income tax laws) that have been enacted or substantively enacted as at the end of the financial reporting period.

Deferred income tax relating to items recognized outside the consolidated statement of income is recognized outside the consolidated statement of income. Deferred income tax items are recognized in correlation to the underlying transaction either in OCI or directly in equity.

Deferred income tax assets and deferred income tax liabilities are offset, if a legally enforceable right exists to set off current tax assets against current tax liabilities and the deferred income taxes relate to the same taxable entity and the same taxation authority.



#### **Business Segments**

For management purposes, the Group is organized into operating segments (mining, power and services) according to the nature of the products and the services provided, with each segment representing a strategic business unit that offers different products and serves different markets. The segment locations are the basis upon which the Group reports its primary segment information for the mining segment. All of the segments operate and generate revenue only in the Philippines. Financial information on business segments is presented in Note 42.

#### Contingencies

Contingent liabilities are not recognized in the consolidated financial statements. These are disclosed in the notes to consolidated financial statements unless the possibility of an outflow of resources embodying economic benefits is remote. Contingent assets are not recognized in the consolidated financial statements but are disclosed when an inflow of economic benefits is probable.

#### Events after the End of the Financial Reporting Period

Post year-end events that provide additional information about the Group's position at the end of the financial reporting period (adjusting events) are reflected in the consolidated financial statements. Post year-end events that are not adjusting events are disclosed in the notes to the consolidated financial statements when material.

### 3. Significant Accounting Judgments, Estimates and Assumptions

The consolidated financial statements prepared in accordance with PFRS requires management to make judgments, estimates and assumptions that affect the amounts reported in the consolidated financial statements and related notes. Future events may occur which will cause the assumptions used in arriving at the estimates to change. The effects of any change in estimates are reflected in the consolidated financial statements as they become reasonably determinable.

Judgments, estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. However, actual outcome can differ from these estimates.

### Judgments

In the process of applying the Group's accounting policies, management has made the following judgments, apart from those involving estimations, which has the most significant effect on the amounts recognized in the consolidated financial statements:

#### Determining Functional Currency

Based on the economic substance of the underlying circumstances relevant to the Group, the functional currency of the Group has been determined to be the Philippine peso. The Philippine peso is the currency of the primary economic environment in which the Group operates. It is the currency that mainly influences labor, material and other costs of providing goods and services.

#### Classifying Financial Instruments

The Group classifies a financial instrument, or its component parts, on initial recognition as a financial asset, a financial liability or an equity instrument in accordance with the substance of the contractual agreement and the definitions of a financial asset, a financial liability or an equity instrument. The substance of the financial instrument, rather than its legal form, governs its classification in the consolidated statement of financial position.



Determining Operating Lease Commitments - Group as a Lessee

The Group has entered into commercial, personal and real property leases. The Group has determined that all significant risks and rewards of ownership of these spaces remain with the lessors due to the following:

- The ownership of the asset does not transfer at the end of the lease term;
- The Group has no option to purchase the asset at a price which is expected to be sufficiently lower than the fair value at the date the option becomes exercisable such that, at the inception of the lease, it is reasonably certain that the option will be exercised;
- The lease term is not for the major part of the economic life of the asset even if title is not transferred; and
- At the inception of the lease, the present value of the minimum lease payments does not amount to at least substantially all of the fair value of the leased asset.

## Determining Operating Lease Commitments - Group as a Lessor

The Group has entered into a property lease on its mine infrastructure and property and equipment leases where management has determined that it retains all the significant risks and rewards of ownership of the said properties which are being leased out on operating lease.

Distinction between Investment Properties and Owner - Occupied Properties

The Group determines whether a property qualifies as investment property. In making its judgment, the Group considers whether the property is not occupied substantially for use by, or in operations of the Group, not for sale in the ordinary course of business, but are held primarily to earn rental income and capital appreciation. Owner-occupied properties generate cash flows that are attributable not only to property but also to the other assets used in the production or supply process.

Some properties comprise a portion that is held to earn rentals or for capital appreciation and another portion that is held for use in the production or supply of goods or services or for administrative purposes. If these portions cannot be sold separately as at financial reporting date, the property is accounted for as investment property only if an insignificant portion is held for use in the production or supply of goods or services or for administrative purposes. Judgment is applied in determining whether ancillary services are so significant that a property does not qualify as investment property. The Group considers each property separately in making its judgment.

#### Assessing Production Start Date

The Group assesses the stage of each mine development project to determine when a mine moves into the production stage. The criteria used to assess the start date of a mine are determined based on the unique nature of each mine development project. The Group considers various relevant criteria to assess when the mine is substantially complete, ready for its intended use and moves into the production phase.

Some of the criteria include, but are not limited to the following:

- The level of capital expenditure compared to construction cost estimates;
- Completion of a reasonable period of testing of the property and equipment;
- Ability to produce ore in saleable form; and
- Ability to sustain ongoing production of ore.

When a mine development project moves into the production stage, the capitalization of certain mine construction costs ceases and costs are either regarded as inventory or expensed, except for capitalizable costs related to mining asset additions or improvements, mine development or mineable reserve development. It is also at this point that depreciation or depletion commences.



#### Assessing Units-of-Production Depletion

Estimated recoverable reserves are used in determining the depletion of mine assets. This results in a depletion charge proportional to the depletion of the anticipated remaining mine life. Each item's life, which is assessed annually, has regard to both physical life limitations and to present assessments of economically recoverable reserves of the mine property at which the asset is located. The calculations require the use of estimates of future capital expenditure. The Group uses the tons of ore produced as the basis for depletion. Any change in estimates is accounted for prospectively.

### Determining Whether Significant Influence Exists

The Parent Company recognized its twenty-two and a half percent (22.5%) and ten percent (10%) interest in THNC and CBNC, respectively, as investments in associates. In accordance with the provisions of PAS 28 (2011), *Investments in Associates and Joint Ventures*, the existence of significant influence by an entity is usually evidenced in one or more of the following ways:

- Representation on the BOD or equivalent governing body of the investee;
- Participation in policy-making processes, including participation in decisions about dividends or other distributions;
- Material transactions between the entity and its investee;
- Interchange of managerial personnel; or
- Provision of essential technical information.

Due to the nature of the Parent Company's involvement in THNC and CBNC and other various factors, the Parent Company assessed that significant influence exists (see Note 11).

Determining Capitalizability of Geothermal Exploration and Evaluation Assets

Careful judgment by management is applied when deciding whether the recognition requirements for geothermal exploration and evaluation assets relating to the Group's geothermal project have been met. Capitalization of these costs is based, to a certain extent, on management's judgment of the degree to which the expenditure may be associated with finding specific geothermal reserve. This is necessary as the economic success of the exploration is uncertain and may be subject to future technical problems at the time of recognition. Judgments are based on the information available at the end of each financial reporting period.

## **Estimates and Assumptions**

The key estimates and assumptions concerning the future and other key sources of estimation uncertainty as at the end of the financial reporting period, that have the most significant risk of causing a material adjustment to the carrying amounts of assets within the next financial year are as follows:

Estimating Allowance for Impairment Losses on Trade and Other Receivables

The Group evaluates specific accounts where the Group has information that certain customers are unable to meet their financial obligations. The Group assesses individually the receivables based on factors that affect its collectibility. Factors such as the Group's length of relationship with the customers, the customer's current credit status, and probability of insolvency and significant financial difficulties of customers are considered to ascertain the amount of allowances that will be recorded in the receivables account. These allowances are re-evaluated and adjusted as additional information is received.

In addition to specific allowance against individually significant loans and receivables, the Group also makes a collective impairment allowance against exposures which, although not specifically identified as requiring a specific allowance, have a greater risk of default than when originally



granted. This collective allowance is based on any deterioration in the Group's assessment of the accounts since their inception. The Group's assessments take into consideration factors such as any deterioration in country risk and industry, as well as identified structural weaknesses or deterioration in cash flows.

The carrying values of trade and other receivables amounted to ₱962.2 million and ₱1,358.0 million as at December 31, 2015 and 2014, respectively (net of allowance for impairment losses of ₱19.5 million and ₱37.8 million as at December 31, 2015 and 2014, respectively; see Note 5).

## Estimating Beneficiated Nickel Ore and Limestone Ore Reserves

Ore reserves are estimates of the amount of ore that can be economically and legally extracted from the Group's mining properties. The Group estimates its ore reserves based on information compiled by appropriately qualified persons relating to the geological data on the size, depth and shape of the ore body, and requires complex geological judgments to interpret the data. The estimation of recoverable reserves is based upon factors such as estimates of foreign exchange rates, commodity prices, future capital requirements, and production costs along with geological assumptions and judgments made in estimating the size and grade of the ore body. Changes in the reserve or resource estimates may impact upon the carrying values of property and equipment, provision for mine rehabilitation and decommissioning, recognition of deferred income tax assets and depreciation and depletion charges.

The Group also makes estimates and assumptions regarding a number of economic and technical factors, such as production rates, grades, production and transport costs and prices. These economic and technical estimates and assumptions may change in the future in ways that affect the quality and quantity of the reserves. The Group reviews and updates estimates as required, but at least annually, to reflect actual production, new exploration data or developments and changes in other assumptions or parameters. These estimates will change from time to time to reflect mining activities, analyses of new engineering and geological data, changes in ore reserve and mineral resource holdings, modifications of mining plans or methods, changes in nickel or limestone prices or production costs and other factors.

#### Estimating Allowance for Inventory Losses

The Group maintains allowance for inventory losses at a level considered adequate to reflect the excess of cost of inventories over their NRV. NRV tests are performed at least annually and represent the estimated future sales price of the product based on prevailing spot metals prices at the end of the financial reporting period, less estimated costs to complete production and bring the product to sale. Stockpiles are measured by estimating the number of tonnes added and removed from the stockpile and the number of contained nickel ore ounces based on assay data. Stockpile tonnages are verified by periodic surveys. NRV test for materials and supplies is also performed annually and it represents the current replacement cost. Increase in the NRV of inventories will increase the cost of inventories but only to the extent of their original production costs.

As at December 31, 2015 and 2014, inventories carried at lower of cost and NRV amounted to ₱3,211.3 million and ₱2,863.2 million, respectively (net of allowance for inventory losses of ₱104.5 million and ₱153.7 million as at December 31, 2015 and 2014, respectively; see Note 6).

## Estimating Recoverability of Long-term Stockpile Inventory

The determination of the Group's long-term stockpile inventory include among others, projected revenues and operating and delivering costs from the sale of the long-term stockpile. Actual results that differ from the Group's assumptions generally affect the Group's recognized expense. The long-term stockpile inventory is carried at the lower of cost and NRV. An allowance for



inventory losses is recognized when the carrying value of the asset is not recoverable and exceeds the NRV. Long-term stockpile inventory - net of current portion amounted to \$\mathbb{P}\$584.7 million and \$\mathbb{P}\$812.8 million as at December 31, 2015 and 2014, respectively (see Note 12).

Estimating Allowance for Impairment Losses on AFS Financial Assets

The Group treats AFS financial assets as impaired when there has been a significant or prolonged decline in the fair value below its cost or where other objective evidence of impairment exists. The determination of what is "Significant" or "Prolonged" requires judgment. The Group treats "Significant" generally as twenty percent (20%) or more of the original cost of investment, and "Prolonged" as greater than one (1) year. In addition, the Group evaluates other factors, including normal volatility in share price for quoted equities and the future cash flows and discount factors for unquoted equities in determining the amount to be impaired.

The Group treats unquoted AFS financial assets as impaired when there is objective evidence of impairment as a result of one or more events or loss events and that loss event has an impact on the estimated future cash flows of the AFS financial assets. An objective evidence may include information about significant changes with an adverse effect that have taken place in the market, technological, economic or legal environment in which the investees operates, and indicates that the cost of the investment in the equity instruments may not be recovered.

No impairment loss was recognized on quoted and unquoted AFS financial assets in 2015 and 2014. The carrying values of AFS financial assets amounted to ₱5,831.0 million and ₱2,804.4 million as at December 31, 2015 and 2014, respectively (see Note 7).

Bifurcating and Valuing the Embedded Derivative on Convertible Loan with EPI
Management assesses that the equity conversion right is an embedded derivative which is required to be bifurcated from the covertible loan agreement between the Parent Company and EPI. The embedded derivative is accounted for either as financial assets or financial liabilities at FVPL except for investments in equity instruments that do not have a quoted price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such instruments, which shall be measured at cost. EPI is a private entity and has no stable source of income as at December 31, 2014. EPI will generate revenue only when one of its projects will be put into commercial operation. Because of the circumstances involving EPI, the fair value of the equity instrument cannot be reliably measured and thus management has assessed that the equity conversion right shall be bifurcated at cost upon drawdown, where cost would be the initial fair value of the conversion feature. The derivative asset as at December 31, 2015 and 2014 amounted to nil and \$\mathbb{P}5.5\$ million, respectively (see Notes 8 and 34f).

## Estimating Useful Lives of Property and Equipment (except Land)

The Group estimates the useful lives of property and equipment, except land, based on the period over which the assets are expected to be available for use. The estimated useful lives of property and equipment are reviewed periodically and are updated if expectations differ from previous estimates due to physical wear and tear, technical or commercial obsolescence and legal or other limits on the use of the assets. In addition, estimation of the useful lives of property and equipment is based on collective assessment of industry practice, internal technical evaluation and experience with similar assets. It is possible, however, that future results of operations could be materially affected by changes in estimates brought about by changes in factors mentioned above. The amounts and timing of recorded expenses for any period would be affected by changes in these factors and circumstances. There is no change in the estimated useful lives of property and equipment in 2015 and 2014.



The carrying values of property and equipment, except land, as at December 31, 2015 and 2014 amounted to ₱8,819.8 million and ₱6,344.7 million, respectively (net of accumulated depreciation, amortization and depletion of ₱7,461.6 million and ₱6,114.0 million and accumulated impairment losses of nil and ₱98.5 million as at December 31, 2015 and 2014, respectively; see Note 9).

Estimating Allowance for Impairment Losses on Property and Equipment and Investment Properties

The Group assesses impairment on property and equipment and investment properties whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable.

The factors that the Group considers important which could trigger an impairment review include the following:

- Significant underperformance relative to expected historical or projected future operating results:
- Significant changes in the manner of use of the acquired assets or the strategy for overall business; and
- Significant negative industry or economic trends.

In determining the present value of estimated future cash flows expected to be generated from the continued use of the assets, the Group is required to make estimates and assumptions that can materially affect the consolidated financial statements.

These assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss would be recognized whenever evidence exists that the carrying value is not recoverable. For purposes of assessing impairment, assets are grouped at the lowest levels for which there are separately identifiable cash flows.

An impairment loss is recognized and charged to earnings if the discounted expected future cash flows are less than the carrying amount. Fair value is estimated by discounting the expected future cash flows using a discount factor that reflects the market rate for a term consistent with the period of expected cash flows. There was no impairment losses recognized for investment properties in 2015 and 2014. As at December 31, 2015 and 2014, the Group provided an allowance for impairment losses on property and equipment amounting to nil and ₱98.5 million, respectively (see Notes 9 and 31).

The carrying values of property and equipment amounted to ₱9,074.1 million and ₱6,599.0 million as at December 31, 2015 and 2014, respectively (see Note 9). On the other hand, the carrying values of investment properties amounted to ₱29.0 million as at December 31, 2015 and 2014 (see Note 10).

Estimating Allowance for Impairment Losses on Investments in Associates
Impairment review on investments in associates are performed when events or changes in circumstances indicate that the carrying value exceeds its fair value. Management has determined that there are no events or changes in circumstances in 2015 and 2014 that may indicate that the carrying value of investments in associates may not be recoverable. No impairment loss was recognized on investments in associates in 2015 and 2014. The carrying values of the Group's investments in associates amounted to ₱4,764.1 million and ₱5,304.0 million as at December 31, 2015 and 2014, respectively (see Note 11).



Estimating Recoverability of Geothermal Exploration and Evaluation Assets and Deferred Mine Exploration Costs

The application of the Group's accounting policy for geothermal exploration and evaluation assets and deferred mine exploration costs requires judgment in determining whether it is likely that future economic benefits are certain, which may be based on assumptions about future events or circumstances. Estimates and assumptions made may change if new information becomes available. If, after explorations costs are capitalized, information becomes available suggesting that the recovery of expenditure is unlikely, the amount capitalized is written off in the consolidated statement of income in the period when the new information becomes available. An impairment loss is recognized when the carrying value of those assets is not recoverable and exceeds their fair value.

The carrying values of geothermal exploration and evaluation assets amounted to ₱6,114.9 million and nil as at December 31, 2015 and 2014, respectively (see Note 13).

Deferred mine exploration costs, included in "Other noncurrent assets", as at December 31, 2015 and 2014 amounted to ₱1,013.2 million and ₱63.6 million, respectively (net of allowance for impairment losses of ₱146.9 million and ₱145.7 million as at December 31, 2015 and 2014, respectively; see Note 14). The Group wrote-off deferred mine exploration costs amounting to ₱5.5 million and ₱1.9 million in 2015 and 2014, respectively (see Note 31).

Estimating Allowance for Impairment Losses on Nonfinancial Other Assets

The Group provides allowance for impairment losses on nonfinancial other assets when they can no longer be realized. The amounts and timing of recorded expenses for any period would differ if the Group made different judgments or utilized different estimates. An increase in allowance for impairment losses would increase recorded expenses and decrease other assets.

The carrying values of nonfinancial prepayments and other current assets amounted to ₱417.4 million and ₱341.3 million as at December 31, 2015 and 2014, respectively, while nonfinancial other noncurrent assets amounted to ₱2,284.7 million and ₱819.4 million as at December 31, 2015 and 2014, respectively (see Notes 8 and 14).

The allowance for impairment losses on the Group's nonfinancial prepayments and other current assets amounted to ₱71.3 million and ₱0.5 million as at December 31, 2015 and 2014, respectively (see Note 8). The allowance for impairment losses on the Group's nonfinancial other noncurrent assets as at December 31, 2015 and 2014 amounted to ₱236.4 million and ₱145.7 million, respectively (see Note 14).

Estimating Provision for Mine Rehabilitation and Decommissioning

The Group assesses its provision for mine rehabilitation and decommissioning annually. Significant estimates and assumptions are made in determining the provision for mine rehabilitation as there are numerous factors that will affect the provision. These factors include estimates of the extent and costs of rehabilitation activities, technological changes, regulatory changes, cost increases and changes in discount rates. Those uncertainties may result in future actual expenditure differing from the amounts currently provided.

The provision at the end of the financial reporting period represents management's best estimate of the present value of the future rehabilitation costs required. Changes to estimated future costs are recognized in the consolidated statement of financial position by adjusting the rehabilitation asset and liability. For closed sites, changes to estimated costs are recognized immediately in the consolidated statement of income.



Provision for mine rehabilitation and decommissioning amounted to ₱169.9 million and ₱130.2 million as at December 31, 2015 and 2014, respectively (see Note 17).

#### Determining Pension Benefits

The cost of defined benefit retirement as well as the present value of the pension liability is determined using actuarial valuations. The actuarial valuation involves making various assumptions, as described in Note 35. These include the determination of the discount rates and future salary increases. Due to the complexity of the valuation, the underlying assumptions and its long-term nature, defined benefit pension liability are highly sensitive to changes in these assumptions. In determining the appropriate discount rate, management considers the interest rates of government bonds that are denominated in the currency in which the benefits will be paid, with extrapolated maturities corresponding to the expected duration of the defined benefit pension liability. All assumptions are reviewed at each end of the financial reporting period. While management believes that its assumptions are reasonable and appropriate, significant differences in actual experience or significant changes in the assumptions may materially affect the Group's pension liability.

As at December 31, 2015 and 2014, pension asset included under "Other noncurrent assets" account amounted to nil and ₱6.1 million, respectively, and pension liability amounted to ₱250.1 million and ₱231.3 million as at December 31, 2015 and 2014, respectively (see Notes 14 and 35).

#### Estimating Fair Value of Share-based Payment Transactions

The Parent Company's Executive Stock Option Plan (ESOP) grants qualified participants the right to purchase common shares of the Parent Company at a grant price. The ESOP recognizes the services received from the eligible employees and an equivalent adjustment to the equity account over the vesting period. The Parent Company measures the cost of equity-settled transactions with employees by reference to the fair value of the equity instruments at the date at which they are granted. Estimating fair value for share-based payment transactions requires determining the most appropriate valuation model, which is dependent on the terms and conditions of the grant.

This estimate also requires determining the most appropriate inputs to the valuation model including the expected life of the share option, volatility and dividend yield. The assumptions and models used for estimating the fair value of share-based payment transactions are disclosed in Note 20. While management believes that the estimates and assumptions used are reasonable and appropriate, significant differences in actual experience or significant changes in the estimates and assumptions may no longer affect the stock compensation costs charged to operations.

The cost of share-based payment plan recognized as expense in 2015, 2014 and 2013, with a corresponding charge to the equity account, amounted to ₱57.8 million, ₱43.0 million and ₱10.4 million, respectively (see Note 27). As at December 31, 2015 and 2014, the balance of the cost of share-based payment plan in the equity section of the consolidated statements of financial position amounted to ₱104.8 million and ₱47.1 million, respectively (see Note 20).

## Estimating Recoverability of Deferred Income Tax Assets

The Group reviews the carrying amounts of deferred income tax assets at each end of the financial reporting period and reduces the amounts to the extent that it is no longer probable that sufficient future taxable income will be available to allow all or part of the deferred income tax assets to be utilized. The Group has net deferred income tax assets amounting to ₱153.3 million and ₱208.0 million as at December 31, 2015 and 2014, respectively (see Note 36).



As at December 31, 2015 and 2014, the Group has temporary difference amounting to ₱655.2 million and ₱236.8 million, respectively, for which no deferred income tax assets were recognized because it is more likely than not that the carryforward benefits will not be realized in the future (see Note 36).

#### Determining Fair Values of Financial Instruments

Where the fair values of financial assets and liabilities recorded in the consolidated statement of financial position cannot be derived from active markets, they are determined using internal valuation techniques using generally accepted market valuation models. The inputs to these models are taken from observable markets where possible, but where this is not feasible, estimates are used in establishing fair values. These estimates may include considerations of liquidity, volatility and correlation. Certain financial assets and liabilities were initially recorded at its fair value (see Note 38).

Estimating Fair Value of Identifiable Net Assets of an Acquiree in a Business Combination In accounting for business combinations, the purchase consideration is allocated to the identifiable assets, liabilities and contingent liabilities (identifiable net assets) on the basis of fair value at the date of acquisition. The determination of fair values requires estimates of economic conditions and other factors (see Note 32).

## 4. Cash and Cash Equivalents

	2015	2014
Cash on hand and with banks	₽1,535,372	₱1,224,818
Cash under managed funds	199,300	4,394
Short-term cash investments	5,338,499	12,332,591
	₽7,073,171	₽13,561,803

Cash with banks and those under managed funds earn interest at the prevailing bank deposit rates. Cash equivalents are short-term cash investments that are made for varying periods of up to three (3) months depending on the immediate cash requirements of the Group and earn interest at the respective short-term cash investment rates. The carrying value of cash and cash equivalents approximates their fair value as of the end of the financial reporting period.

The Group has United States dollar (US\$) denominated cash and cash equivalents amounting to US\$87.1 million, equivalent to ₱4,100.6 million, and US\$150.4 million, equivalent to ₱6,726.4 million, as at December 31, 2015 and 2014, respectively (see Note 37).

Interest income earned from cash and cash equivalents amounted to ₱109.1 million, ₱140.8 million and ₱142.2 million in 2015, 2014 and 2013, respectively (see Note 29).

Short-term cash investment amounting to nil and ₱200.0 million as at December 31, 2015 and 2014, respectively, has a 360-day term, thus, is classified under "Prepayments and other current assets" (see Note 8).

Cash with banks amounting to nil and \$\frac{P}{45.1}\$ million as at December 31, 2015 and 2014, respectively, representing proceeds from the IPO, were deposited in escrow and are restricted as to withdrawal for specified purpose as determined in the prospectus submitted with the SEC; thus, are classified as "Other noncurrent assets" (see Note 14).



#### 5. Trade and Other Receivables

	2015	2014
Trade (see Note 34a)	₽575,485	₽879,976
Loan and notes receivable (see Notes 34f, 39a		
and 39q)	157,896	276,342
Advances to officers and employees	68,404	48,704
Receivable from CBNC (see Note 34a)	48,173	39,362
Interest receivable	40,448	24,723
Advances to Ludgoron Mining Corporation		
(Ludgoron; see Note 39e)	23,394	_
Amounts owed by related parties (see Note 34)	15,964	4,493
Others	51,898	122,268
	981,662	1,395,868
Less allowance for impairment losses	19,511	37,833
	₽962,151	₽1,358,035

Trade receivables and receivable from CBNC are noninterest-bearing and are generally on seven (7)-day to thirty (30)-days' term, except for the usage fee billed to THNC which is collected on a semi-annual basis.

Loan and notes receivable represent the current portion of the loan executed by CMC and East Coast Mineral Resources Co., Inc. (East Coast) in 2015, which will be settled based on the agreed repayment terms; and the loans issued by the Parent Company to EPI in 2014, which are collectible one year after drawdown and/or recoverable upon exercise of conversion right.

Advances to officers and employees are noninterest-bearing and are generally subject to liquidation or collectible through salary deduction.

Interest receivable is derived from short-term cash investments and cash held in escrow placed in various local banks, which are collectible upon maturity, from AFS debt securities and long-term negotiable instrument which are collectible monthly, quarterly or semi-annually, and from loans issued to East Coast which is collectible based on the agreed repayment terms.

Advances to Ludgoron represent advances to claim owner which are collectible upon approval of Mines and Geosciences Bureau (MGB) of the transfer of the operating agreement to Kafugan Mining Incorporated (KMI).

Amounts owed by related parties are noninterest-bearing with no fixed maturities and are generally collectible on demand.

Other receivables include advances to third party companies which are non-interest bearing, with no fixed maturities and are generally collectible on demand. These also include despatch receivables which are generally on seven (7)-day to thirty (30)-days' terms, and advances to claimowners which are deductible from the royalty payments from ore shipments.

The Group has US\$ denominated trade and other receivables amounting to US\$8.1 million, equivalent to ₱381.0 million, and US\$17.3 million, equivalent to ₱775.3 million, as at December 31, 2015 and 2014, respectively (see Note 37).



Movements of allowance for impairment losses as at December 31, 2015 and 2014 are as follows:

2015	Trade	Others	Total
Balances at January 1	₽25,059	₽12,774	₽37,833
Acquisition of subsidiaries			
(see Note 32)	11,935	123	12,058
Write-off	(20,647)	(10,709)	(31,356)
Foreign exchange adjustments	976	_	976
<b>Balances at December 31</b>	₽17,323	₽2,188	₽19,511
2014	Trade	Others	Total
Balances at January 1	₽26,150	₽12,793	₽38,943
Write-off	(1,226)	_	(1,226)
Reversal (see Note 31)	_	(19)	(19)
Foreign exchange adjustments	135	_	135
Balances at December 31	₽25,059	₽12,774	₽37,833

#### 6. Inventories

	2015	2014
Beneficiated nickel ore and limestone ore - at cost	₽2,329,234	₽2,087,087
Beneficiated nickel ore - at NRV	329,076	268,994
Materials and supplies:		
At NRV	262,091	306,075
At cost	130,942	60,406
Current portion of long-term stockpile		
inventory (see Note 12)	159,926	140,619
	₽3,211,269	₽2,863,181

Movements of allowance for inventory losses as at December 31, 2015 and 2014 are as follows:

2015	Beneficiated nickel ore	Materials and supplies	Total
Balances at January 1	₽107,658	₽45,997	₽153,655
Provision	_	_	_
Reversals (see Note 31)	(13,239)	(35,961)	(49,200)
<b>Balances at December 31</b>	₽94,419	₽10,036	₽104,455
	Beneficiated	Materials	
2014	nickel ore	and supplies	Total
Balances at January 1	₽333,653	₽40,603	₽374,256
Provisions (see Note 31)	_	5,394	5,394
Reversals (see Note 31)	(225,995)	_	(225,995)
Balances at December 31	₽107,658	₽45,997	₽153,655

As at December 31, 2015 and 2014, the cost of beneficiated nickel ore provided with allowance for inventory losses amounted to \$\mathbb{P}423.5\$ million and \$\mathbb{P}376.7\$ million, respectively, while the cost of materials and supplies provided with allowance for inventory losses amounted to \$\mathbb{P}272.1\$ million and \$\mathbb{P}352.1\$ million, respectively.



Costs of inventories charged as expense amounted to P6,440.1 million, P5,803.9 million and P4,849.5 million in 2015, 2014 and 2013, respectively (see Notes 22, 23, 24 and 26).

#### 7. AFS Financial Assets

	2015	2014
Quoted instruments:		_
Debt securities	₽4,377,774	₽2,006,838
Equity securities	1,250,444	603,475
Unquoted equity securities	202,819	194,116
	5,831,037	2,804,429
Less noncurrent portion	817,118	522,797
	₽5,013,919	₱2,281,632

Quoted instruments are carried at fair market value as at the end of the financial reporting period. Unquoted equity instruments are carried at cost as at the end of the financial reporting period, since the fair values of these investments cannot be reliably measured.

The movements in AFS financial assets as at December 31, 2015 and 2014 are as follows:

	2015	2014
Balances at January 1	₽2,804,429	₽2,438,938
Additions	13,393,767	1,397,019
Disposals	(10,086,770)	(407,234)
Reclassification (see Note 11)	<u> </u>	(724,410)
Effect of changes in foreign exchange rate		
(see Note 31)	89,372	3,310
Valuation gains (losses) on AFS financial assets	(369,761)	96,806
Balances at December 31	₽5,831,037	₽2,804,429

The movements in "Net valuation gains (losses) on AFS financial assets" presented as a separate component of equity follows:

	2015	2014
Balances at January 1	₽171,322	₽99,506
Movements recognized in equity:		_
Gains (losses) recognized in equity	(283,511)	105,285
Reclassification adjustments for income included		
in the consolidated statements of		
income (see Notes 29 and 30)	(86,250)	(8,479)
Income tax effect	65,435	(22,649)
Valuation gains (losses) taken into the		_
consolidated statements of comprehensive		
income	(304,326)	74,157
NCI in gains recognized in equity	1,463	2,341
Balances at December 31	<b>(₽134,467)</b>	₽171,322

AFS financial assets pertain to investments in common and preferred shares of various local and foreign public and private companies, golf club shares and debt securities which are either unquoted or with quoted market prices. As at December 31, 2015 and 2014, quoted and unquoted debt and equity securities amounting to ₱5,013.9 million and ₱2,281.6 million, respectively, were



classified as current based on management's intention to dispose the instruments within one (1) year from the end of the financial reporting period.

The noncurrent portion of AFS financial assets amounted to ₱817.1 million and ₱522.8 million as at December 31, 2015 and 2014, respectively. As at December 31, 2015 and 2014, the Group has no intention to dispose its unquoted equity shares within the next year.

Dividend income from AFS equity securities amounted to ₱25.8 million, ₱6.5 million and ₱62.7 million in 2015, 2014 and 2013, respectively, of which ₱7.6 million, nil and ₱60.5 million relates to dividends coming from investments in unquoted equity securities (see Note 31), while interest income from AFS debt securities amounted to ₱99.3 million, ₱16.6 million and ₱12.0 million in 2015, 2014 and 2013, respectively (see Note 29).

The valuation losses of  $\clubsuit 304.3$  million and valuation gains of  $\clubsuit 74.2$  million taken into the consolidated statements of comprehensive income is inclusive of share of NCI amounting to a valuation gains of  $\clubsuit 1.5$  million and  $\clubsuit 2.3$  million as at December 31, 2015 and 2014, respectively.

In 2015, 2014 and 2013, the Group sold some of its AFS financial assets at a gain of ₱86.3 million, ₱8.5 million and ₱7.3 million, respectively (see Notes 29 and 30).

The Group has US\$ denominated AFS financial assets amounting to US\$50.4 million, equivalent to ₱2,373.9 million, and US\$18.6 million, equivalent to ₱831.4 million, as at December 31, 2015 and 2014, respectively (see Note 37).

No impairment loss was recognized on the Group's AFS equity securities in 2015 and 2014.

### 8. Prepayments and Other Current Assets

	2015	2014
Prepaid taxes	₽141,034	₽92,826
Input tax (net of allowance for impairment losses of		
₱70.8 million and nil as at December 31, 2015		
and 2014, respectively)	112,239	103,065
Advances and deposits to suppliers and contractors	·	
(see Note 39p)	94,618	83,914
Prepaid rent and others	37,500	27,800
Prepaid insurance	26,855	20,182
Tax credit certificates (net of allowance for	·	
impairment losses of ₱0.5 million as at		
December 31, 2015 and 2014)	5,186	13,524
Short-term cash investment (see Note 4)	_	200,000
Derivative asset (see Note 34f)	_	5,508
	₽417,432	₽546,819

Prepaid taxes represent certificates of creditable withholding taxes for services rendered to other parties which can be recovered as tax credits against certain future tax liabilities of the Group.

Input tax represents the VAT paid on purchases of applicable goods and services which can be recovered as tax credit against future tax liability of the Group upon approval by the Philippine Bureau of Internal Revenue (BIR) and/or the Philippine Bureau of Customs (BOC).



Advances and deposits to suppliers and contractors represent payments made in advance to suppliers and contractors which will be offset against future billings upon the delivery of goods and completion of services.

Prepayments are amortized within three (3) to twelve (12) months at the end of the financial reporting period.

Tax credit certificates are tax refunds received by the Group.

Short-term cash investment pertains to a local currency denominated cash placed in a 360-day peso time deposit with interest rate of 1.75% per annum (p.a.) in 2014. Interest income from short-term cash investment amounted to ₱1.2 million, ₱1.6 million and nil in 2015, 2014 and 2013, respectively (see Note 29).

Derivative asset pertains to the convertible loan feature of the loan granted to EPI. The amount of the derivative asset recognized in 2015 and 2014 amounted to \$\mathbb{P}8.3\$ million and \$\mathbb{P}5.5\$ million, respectively (see Note 34f).

## 9. Property and Equipment

	2015					
	Land and Land Improvements	Mining Properties and Development Costs	Machinery and Equipment	Buildings and Improvements	Construction In-progress	Total
Cost:						
Balances at January 1 Acquisition of subsidiaries	₽277,570	₽469,179	₽8,630,490	₽2,900,979	₽533,217	₽12,811,435
(see Note 32)	_	_	6,583	3,875	455	10,913
Additions	552	14,006	1,126,928	82,070	2,685,096	3,908,652
Transfers/reclassification	_	_	53,111	194,873	(249,355)	(1,371)
Disposals	_	_	(185,938)	(8,040)	_	(193,978)
Balances at December 31	278,122	483,185	9,631,174	3,173,757	2,969,413	16,535,651
Accumulated depreciation, amortization and depletion:						
Balances at January 1 Depreciation, amortization and		217,302	4,950,277	945,794	_	6,113,955
depletion (see Note 28)	2,342	17,186	1,195,524	224,935	_	1,439,987
Transfers/reclassification	_	_	(1,666)	_	_	(1,666)
Disposals	_	_	(90,267)	(447)	_	(90,714)
Balances at December 31	2,924	234,488	6,053,868	1,170,282	_	7,461,562
Allowance for impairment losses Balances at January 1	_	_	90,893	7,594	_	98,487
Reversal of allowance for impairment losses	_	_	(90,893)	(7,594)	_	(98,487)
Balances at December 31	_	_			_	
Net book values	₽275,198	₽248,697	₽3,577,306	₽2,003,475	₽2,969,413	₽9,074,089



				2014		
		Mining Properties and	Machinery	Buildings		
	Land and Land Improvements	Development Costs	and Equipment	and Improvements	Construction In-progress	Total
Cost:						
Balances at January 1	₽254,290	₱469,179	₽7,455,908	₽2,646,872	₽807,490	₽11,633,739
Additions	-	_	717,469	111,197	728,406	1,557,072
Transfers/reclassification	23,280	=	825,271	142,910	(1,002,679)	(11,218)
Disposals	-	_	(368,158)	-	_	(368,158)
Balances at December 31	277,570	469,179	8,630,490	2,900,979	533,217	12,811,435
Accumulated depreciation,						
amortization and depletion:						
Balances at January 1	-	203,366	4,101,424	743,197	_	5,047,987
Depreciation, amortization and						
depletion (see Note 28)	582	13,936	1,156,219	202,597	_	1,373,334
Transfers/reclassification	-	_	_	-	_	_
Disposals	=	=	(307,366)	=	=	(307,366)
Balances at December 31	582	217,302	4,950,277	945,794	=	6,113,955
Allowance for impairment losses						
(see Note 31)	=	-	90,893	7,594	=	98,487
Net book values	₽276,988	₽251,877	₽3,589,320	₽1,947,591	₽533,217	₽6,598,993

Pier facilities (included under "Buildings and improvements") with a carrying value of ₱75.1 million and ₱112.7 million as at December 31, 2015 and 2014, respectively, were mortgaged as collateral for the long-term debt of RTN (see Note 16).

Depreciation on the excess of the fair value of the assets acquired from RTN over their corresponding book values transferred to retained earnings amounted to \$\mathbb{P}0.4\$ million in 2015, 2014 and 2013.

In 2014, TMC recognized provision for impairment losses on its machinery and equipment and buildings and improvements amounting to \$\mathbb{P}98.5\$ million. The impairment is related to the head end of the conveyor which has become inoperational last September 1, 2014.

Construction in-progress in 2015 includes costs related to the development activities of the solar project of Jobin (see Note 39h) and costs related to the Sub-transmission Service Agreement with Palawan Electric Cooperative (PALECO; see Note 39i).

#### 10. Investment Properties

Investment properties consist of parcels of land located in Surigao City which is intended for leasing to THNC in the future. In 2015 and 2014, there are no income earned and direct operating expenses incurred related to the investment properties. In 2013, rental income, which is included under "Services and others", amounted to ₱6.0 million; and direct operating expenses, which is included under "General and administrative expenses", amounted to ₱0.8 million (see Note 26).

In 2013, investment properties consist of condominium units rented out as office spaces with carrying amount of ₱40.5 million were sold for ₱185.6 million resulting to a gain of ₱145.1 million (see Note 31).

As at December 31, 2015 and 2014, the carrying values of the Group's investment properties amounted to ₱29.0 million and the fair value of the land approximates its carrying value.



#### 11. Investments in Associates

	2015	2014
THNC	<b>₽</b> 4,042,891	₽4,468,336
CBNC	721,196	835,704
	₽4,764,087	₽5,304,040

Movements in the investments in associates as at December 31, 2015 and 2014 are as follows:

		2015			2014	
	THNC	CBNC	Total	THNC	CBNC	Total
Acquisition cost	₽4,443,075	₽724,410	₽5,167,485	₽4,443,075	₽724,410	₽5,167,485
Accumulated equity in						
net earnings (losses):						
Balances at January 1	(177,440)	197,880	20,440	(501,940)	_	(501,940)
Equity in net income (losses)	(650,171)	(161,198)	(811,369)	324,500	197,880	522,380
Dividends declared	_	(89,090)	(89,090)	_	_	
	(827,611)	(52,408)	(880,019)	(177,440)	197,880	20,440
Share in cumulative						
translation adjustment:						
Balances at January 1	202,701	(86,586)	116,115	170,991	_	170,991
Movements	224,726	135,780	360,506	31,710	(86,586)	(54,876)
	427,427	49,194	476,621	202,701	(86,586)	116,115
Balances at December 31	₽4,042,891	₽721,196	₽4,764,087	₽4,468,336	₽835,704	₽5,304,040

The share in cumulative translation adjustment of associates are gross of deferred income tax liability of P70.0 million and P34.0 million, respectively (see Note 36).

#### **THNC**

The Parent Company, together with Sumitomo Metal Mining Co., Ltd. (SMM) and Mitsui and Co., Ltd. (Mitsui) signed a Stockholders' Agreement on September 15, 2010, dividing the ownership of THNC, into twenty-two and a half percent (22.5%), sixty-two and a half percent (62.5%) and fifteen percent (15.0%), respectively.

On November 4, 2010, pursuant to the terms of the Stockholders' Agreement, the Parent Company entered into a subscription agreement with THNC for the subscription of 921,375,000 common shares for the total amount of US\$102.4 million or ₱4,443.1 million, equivalent to twenty-two and a half percent (22.5%) interest in THNC.

THNC, a private entity that is not listed on any public exchange, was incorporated and registered with the Philippine SEC on August 22, 2008. Its principal activities consist of the manufacture and export of nickel/cobalt mixed sulfide, nickel hydroxide and any and all ingredient and products and by products. THNC started commercial operations in October 2013.



The following are the summarized financial information of THNC as at December 31, 2015 and 2014. THNC's financial statements are stated in US\$ and translated at the closing rate of US\$1 =  $$\mathbb{P}47.06$  and US\$1 =  $$\mathbb{P}44.72$  as at December 31, 2015 and 2014, respectively, for assets and liabilities accounts, historical rates for equity accounts and average rate of US\$1 =  $$\mathbb{P}46.80$  and US\$1 =  $$\mathbb{P}44.39$ , respectively, for the statement of income accounts for the years then ended.

	2015	2014
Current assets	₽6,443,446	₽6,870,896
Noncurrent assets	72,637,740	69,661,595
Current liabilities	(19,999,727)	(12,522,959)
Noncurrent liabilities	(41,581,400)	(44,618,607)
Net assets	₽17,500,059	₱19,390,925
Income	₽12,858,150	₽15,821,955
Expenses	(15,747,797)	(14,379,732)
Net income (loss)	( <del>P</del> 2,889,647)	₽1,442,223

#### **CBNC**

CBNC, a private entity that is not listed on any public exchange, was incorporated and registered with the Philippine SEC on April 4, 2002. CBNC is engaged in the manufacture and export of nickel/cobalt mixed sulfide wherein RTN has a Nickel Ore Supply Agreement to supply all of the limonite ore requirements of the Coral Bay Hydro Metallurgical Processing Plant (HPP) facility. The agreement provides that it will terminate until the earlier of the cessation of operations at the Coral Bay HPP facility and exhaustion of the limonite ore reserves at the Rio Tuba mine. RTN also supply limestone and provide ancillary services to Coral Bay High Pressure Acid Leach (HPAL) facility.

The Parent Company acquired its ten percent (10%) equity interest in CBNC by way of property dividend distributed by RTN in March 2014. In accordance with the provisions of PAS 28 (2011), *Investment in Associates and Joint Ventures*, and due to the change in the nature of the Parent Company's involvement in CBNC, the Parent Company evaluates various factors and assessed that significant influence exists. The Group reclassified its ten percent (10%) interest in CBNC amounting to \$\mathbb{P}724.4\$ million from an AFS financial asset to an investment in associate (see Note 7).

The following are the summarized financial information of CBNC as at December 31, 2015 and 2014. CBNC's financial statements are stated in US\$ and translated at the closing rate of US\$1 =  $$\mathbb{P}47.06$  and US\$1 =  $$\mathbb{P}44.72$  as at December 31, 2015 and 2014, respectively, for assets and liabilities accounts, historical rates for equity accounts and average rate of US\$1 =  $$\mathbb{P}46.80$  and US\$1 =  $$\mathbb{P}44.39$ , respectively, for the statement of income accounts for the years then ended.

	2015	2014
Current assets	₽3,566,056	₽4,928,354
Noncurrent assets	23,340,317	23,490,170
Current liabilities	(1,299,280)	(1,617,002)
Noncurrent liabilities	(128,096)	(154,800)
Net assets	₽25,478,997	₽26,646,722
Income	₽9,717,727	₽14,702,120
Expenses	(11,329,710)	(12,063,714)
Net income (loss)	<b>(₽1,611,983)</b>	₽2,638,406



## 12. Long-term Stockpile Inventory

The long-term stockpile inventory pertains to low grade ore extracted from RTN's minesite. This amount was not recognized in RTN's books but was recognized by the Parent Company when it acquired the controlling interest in RTN. The low grade ore inventory was initially recognized at fair value. The fair value of the long-term stockpile inventory was computed using the present value of the estimated future cash flows of RTN which it will derive from the long-term Nickel Ore Supply Agreement with CBNC (see Note 34a). Subsequently, this fair value represented the cost of the long-term stockpile inventory. The fair value of the inventory in August 2006 amounted to ₱2,036.7 million.

The cost of the long-term stockpile inventory is periodically charged to cost of sales based on the actual tonnage delivered to CBNC from the long-term stockpile. The cost of long-term stockpile inventory amounting to ₱208.7 million, ₱216.5 million and ₱235.2 million were charged to "Cost of sales" in 2015, 2014 and 2013, respectively (see Note 22).

A portion amounting to \$\text{\$\P\$}159.9\$ million and \$\text{\$\P\$}140.6\$ million, representing the estimated costs of the long-term stockpile inventory that will be delivered to CBNC in the next financial reporting period, were shown as part of "Inventories" as at December 31, 2015 and 2014, respectively (see Note 6).

The carrying value of long-term stockpile - net of current portion amounted to ₱584.7 million and ₱812.8 million as at December 31, 2015 and 2014, respectively.

## 13. Geothermal Exploration and Evaluation Assets

	2015	2014
Balance at acquisition date (see Note 32)	₽5,613,979	₽_
Additions	500,935	
Balance at December 31	<b>₽</b> 6,114,914	₽_

Geothermal exploration and evaluation assets represent the accumulated costs incurred in connection with the exploration and development activities for the Mindoro and Biliran Geothermal Projects. The recovery of these costs depends upon determination of technical feasibility, success of exploration activities and discovery of geothermal resource that can be produced in commercial quantities.

As at December 31, 2015, no allowance for impairment losses was recognized on geothermal exploration and evaluation assets.



### 14. Other Noncurrent Assets

Balances at December 31

	2015	2014
Deferred mine exploration costs (see Note 32)	₽1,160,094	₽209,227
Input tax - net of current portion	850,081	442,785
Loan receivable - net of current portion		
(see Note 39q)	842,104	_
Advances to claimowners (see Note 39e)	220,324	103,588
MRF	214,932	178,513
Project development costs (see Note 39h)	107,296	_
Deposit for aircraft acquisition	98,754	98,754
Advance royalties	66,104	89,497
SDMP funds	59,264	23,865
Long-term negotiable instrument	30,000	30,000
Cash held in escrow (see Note 4)	· _	45,112
Pension asset (see Note 35)	_	6,090
Others	18,516	15,125
	3,667,469	1,242,556
Less allowance for impairment losses	236,411	145,675
	₽3,431,058	₽1,096,881

Movements of allowance for impairment losses in 2015 and 2014 follows:

	Advances to	<b>Deferred mine</b>		
2015	claimowners	exploration costs	Input tax	Total
<b>Balances at January 1</b>	₽-	₽145,675	₽-	₽145,675
Acquisition of subsidiaries				
(see Note 32)	_	_	89,503	89,503
<b>Provisions</b> (see Note 31)	_	1,233	_	1,233
Write-off	_	_	_	_
Balances at December 31	₽_	₽146,908	₽89,503	₽236,411
	Advances to	Deferred mine		
2014	claimowners	exploration costs	Input tax	Total
Balances at January 1	₽16,490	₽144,155	₽_	₽160,645
Provisions (see Note 31)	_	1,520	_	1,520
Write-off	(16,490)	· <u>-</u>	_	(16,490)

Deferred mine exploration costs include mining rights of ₱973.5 million and ₱32.3 million as at December 31, 2015 and 2014, respectively.

₱145,675

Input tax represents the VAT paid on purchases of applicable goods and services, net of output tax, which can be recovered as tax credit against future tax liability of the Group upon approval by the Philippine BIR and/or the Philippine BOC.

Advances to claimowners represent advance royalty payments to East Coast, La Salle Mining Exploration Company (La Salle), Kepha Mining Exploration Company (Kepha) and Ludgoron (see Note 39e).



₽\_

₱145,675

MRF is the amount deposited in local bank accounts established by the Group in compliance with the requirements of the Philippine Mining Act of 1995 as amended by Department of Environment and Natural Resources (DENR) Administrative Order No. 2005-07. The MRF is earmarked for physical and social rehabilitation of areas and communities affected by mining activities and for research on the social, technical and preventive aspects of rehabilitation. Any disbursement in the MRF should be authorized by the MRF Committee, the external overseeing body charged with the duties of managing, operating, monitoring and looking after the safety of the MRF. The MRF earns interest at the respective bank deposit rates.

RTN's deposit for aircraft acquisition pertains to advance payments made to World Aviation Corporation in 2013, for an absolute and exclusive right to purchase an aircraft which is exercisable within twelve (12) years.

Advance royalties pertain to royalty payments to Government.

The SDMP fund shall be used for the sustainable development of the host and neighboring communities of the mine site. The programs are intended for health, education, livelihood, public utilities and socio-cultural preservation. Its implementation is under the audit, monitoring and evaluation of the MGB.

The long-term negotiable instrument earns interest at 5.25% p.a. and will mature in October 2019. Interest income from long-term negotiable instrument amounted to ₱1.3 million in 2015, 2014, and 2013 (see Note 29).

Cash held in escrow represents proceeds from the IPO and are restricted as to withdrawal for specified purpose as determined in the prospectus submitted with the SEC. Interest income earned from cash held in escrow in 2015, 2014 and 2013 amounted to ₱0.2 million, ₱0.5 million and ₱0.8 million, respectively (see Note 29).

Others include various security deposits, deposit to suppliers and restricted cash.

## 15. Trade and Other Payables

	2015	2014
Trade (see Note 34)	₽692,257	₽715,012
Amounts owed to related parties (see Note 34)	5,142,066	_
Dividends payable	493,250	2,520
Accrued expenses:		
Third parties	394,343	269,321
Related party (see Note 34)	43,731	43,639
Government payables:		
Withholding taxes payable	144,178	302,765
Excise taxes and royalties payable	60,760	62,448
Documentary stamp taxes (DST) payable	6,750	3,168
Output VAT	3,976	3,814
Fringe benefit taxes (FBT) payable	230	49,655
Retention payable	23,043	564
Interest payable (see Note 34)	17,778	6,309
Others	103,351	23,425
	₽7,125,713	₽1,482,640



Trade, accrued expenses and other payables are noninterest-bearing and are generally settled within one year. Trade payables relate to payables to suppliers in the ordinary course of business. Accrued expenses substantially consist of contractor's fees, trucking and stevedoring services, hauling and rental expenses, guarantee service fees and others which are usual in the business operations of the Group.

Amounts owed to related parties pertain to advances received from Orka Geothermal Investments Pte. Ltd (OGI) and Biliran Geothermal Holdings Incorporated (BGHI) and the dividends declared by the Parent Company to Nickel Asia Holdings Inc. (NAHI). Advances from OGI pertain to transfer of funds that were used in the drilling operations of BGI and purchases paid by OGI in behalf of BGI. Advances from BGHI pertain mainly to the amount originally payable to OGI but were sold by the latter to the former in 2014. Part of this amount pertains also to miscellaneous expenses paid by BGHI in behalf of BGI.

Dividends payable refers to the cash dividends declared by TMC and RTN to Pacific Metals Co., Ltd. (PAMCO) which is payable on January 29, 2016. The amount is net of final withholding tax.

Government payables include withholding taxes which are normally settled within ten (10) days after the end of each financial reporting month and FBT which are normally settled within fifteen (15) days after the end of the quarter on which the fringe benefits are granted to the recipients. Excise tax payable is settled within fifteen (15) days after the end of the quarter when the beneficiated nickel ore and limestone ore were shipped. Royalties are paid on or before the deadline agreed with the MGB or other parties. DST is normally settled within five (5) days after the close of the month when the taxable document was issued.

Retention payable pertains mainly to the ten percent (10%) of the gross payable amount retained by TMC from its suppliers and will be paid after the completion of the construction of the conveyor system.

Interest payable on loans is settled based on the agreed repayment terms.

The Group has US\$ denominated trade and other payables amounting to US\$111.0 million, equivalent to ₱5,221.5 million, and US\$1.5 million, equivalent to ₱67.9 million as at December 31, 2015 and 2014, respectively (see Note 37).

#### 16. Short-term and Long-term Debts

## Short-term debt with Manta Equities Inc. (Manta)

On June 8, 2015, EPI entered into a one year loan agreement with Manta amounting to \$\mathbb{P}180.0\$ million to finance the development expenses of EPI's geothermal power project (see Note 34). The loan bears an annual interest of five percent (5%). The principal and interest is payable at the end of the loan agreement. Related interest payable and interest expense as at and for the period ended December 31, 2015 amounted to \$\mathbb{P}5.1\$ million (see Notes 30 and 34).



## Long-term debt consists of:

	2015	2014
EPI	₽2,100,336	₽_
TMC	1,276,503	1,291,290
RTN	105,415	140,242
	3,482,254	1,431,532
Less noncurrent portion:		_
EPI	2,100,336	_
TMC	1,194,148	1,213,030
RTN	63,249	100,173
	3,357,733	1,313,203
Current portion	₽124,521	₽118,329

#### **EPI Loan**

On July 15, 2015, Security Bank Corporation (SBC) approved the loan facility of EPI amounting to ₱3,000.0 million to be used in funding its investments and working capital requirements. Staggered releases of loans are allowed up to August 31, 2016 with terms of up to three (3) years from date of every drawdown and payable upon maturity.

The loans are secured by a continuing suretyship of the Parent Company. Under the Suretyship Agreement executed by and between the Parent Company and SBC on August 4, 2015, the Parent Company solidarily with EPI, guarantees and warrants to SBC, its assigns and successors-in-interest, prompt and full payment and performance of EPI's obligations to SBC.

Details of the drawdowns received from the ₱3,000.0 million loan facility as at December 31, 2015 are as follows:

			Debt Issue		Effective	
Drawdowns	Date	Amount	Costs	Stated Rate	Rate	Term
First	August 5, 2015	₽510,000	₽2,551	4.6%	4.8%	3 years
Second	September 21, 2015	1,200,000	6,000	4.6%	4.8%	3 years
Third	December 2, 2015	400,000	2,000	4.9%	5.8%	3 years
		₽2,110,000	₽10,551			

Debt-issue costs pertain to DST and other transaction costs incurred in connection with the availment of the loans. These are deducted from the amount of loans payable and are amortized using the effective interest method. Movements of the unamortized debt issue costs in 2015 are as follows:

Debt issue costs	₱10,551
Amortization	(887)
Balance at December 31	₽9,664



Related interest expense and interest payable as at and for the period ended December 31, 2015 are summarized below:

	Interest	
	Expense	Interest
	(see Note 30)	Payable
Loans payable	<b>₽</b> 24,876	₽6,171
Amortization of debt issue costs	887	_
Balances at December 31	₽25,763	₽6,171

The Term Loan Agreement with SBC provides for restrictions with respect to creation or permission to exist any mortgage or pledge, lien or any encumbrance on all free assets owned or acquired by EPI. Also, the Term Loan Agreement restricts EPI to assume, guarantee, endorse or otherwise become directly or contingently liable in connection with any obligation of any other person, firm or corporation; participate or enter into any merger or consolidation; sell, lease, dispose or convey all or substantially all of EPI's assets; make advances or loans to any of the affiliates, subsidiaries, stockholders, directors and officers except in compliance with formally established and existing fringe benefit program of EPI; suspend its business operation or dissolve its affairs; and to enter into any credit or loan agreement or arrangement with any creditor under such terms and conditions that would place SBC in an inferior position risk-wise such other creditors. Moreover, the Term Loan Agreement provides for certain conditions, which include, among others, prompt disclosure in writing of any material change in EPI's financial position and conduct of its operations or any substantial change in its management or ownership, conduct operations in accordance with sound business practice, maintenance and preservation of corporate existence, and prompt payment of all taxes, assessment and other governmental charges due. As at December 31, 2015, EPI is in compliance with the restrictions.

### TMC Loan

On October 4, 2010, TMC entered into an Omnibus Agreement with THNC, wherein the latter granted the former a total loan facility amounting to US\$35.0 million at a prevailing one hundred eighty (180)-day British Banker Association London Inter-Bank Offered Rate (LIBOR) plus two percent (2%) spread, to exclusively finance the construction of the pier facilities within the Taganito Special Economic Zone (TSEZ). The loan shall be drawn down in one or multiple times by July 31, 2011. As at December 31, 2015 and 2014, the total loan drawn by TMC amounted to US\$35.0 million.

Starting 2011, the interest on the loan is payable semi-annually in October 10 and April 10. The total principal is payable in semi-annual installments of US\$0.9 million starting on October 10, 2011 up to April 10, 2031.

The Omnibus Agreement provides for restriction with respect to creation, assumption, incurrence and permission to exist any lien upon the pier facilities and all TMC's other real rights over the same except as permitted under the Omnibus Agreement. Also, the Omnibus Agreement provides for certain conditions which include, among others, maintenance and preservation of TMC's corporate existence, rights, privileges and licenses, prompt submission of written notice to THNC of any and all litigations and administrative arbitration proceedings before any Governmental authority affecting TMC, prompt payment of all amounts due under the loan documents and maintenance of all Governmental approvals necessary to perform the obligations. As at December 31, 2015 and 2014, TMC is in compliance with the restrictions.



Interest expense in 2015, 2014 and 2013 amounting to ₱31.1 million, ₱31.3 million and ₱33.5 million, respectively, were included in equipment operating cost under "Cost of services" (see Note 23).

#### RTN Loan

On November 25, 2002, RTN entered into an Omnibus Agreement with SMM, wherein the latter granted the former a loan facility amounting to US\$1.8 million at a prevailing one hundred eighty (180)-day LIBOR plus two percent (2%) spread, for the construction of the pier facilities.

In July 2003, an additional loan amounting to US\$0.2 million was granted by SMM. Starting 2003, the interest on the original and additional loans is payable semi-annually on February 28 and August 31. The total principal is payable in twenty (20) equal semi-annual installments starting on February 28, 2004 up to August 31, 2013. In February 2007, RTN and SMM agreed to an additional loan facility amounting to US\$9.0 million. Of the total loan facility, the remaining US\$0.5 million was drawn in February and March 2008. The additional loan facility is payable in semi-annual installments starting on August 31, 2008 up to February 28, 2018.

In consideration, and to ensure payment of these loans, RTN assigned, transferred, and set over to SMM, absolutely and unconditionally, all of RTN's rights, title, and interest over its future receivable from CBNC under the Throughput Agreements (see Note 39b). RTN also constituted a first ranking mortgage on the pier facilities (see Note 9).

The Omnibus Agreement provides for restrictions with respect to creation, assumption, incurrence and permission to exist any lien upon the pier facilities and all RTN's other real rights over the same except as permitted under the Omnibus Agreement. Also, the Omnibus Agreement provides for certain conditions which include, among others, maintenance and preservation of RTN's corporate existence, rights, privileges and licenses, prompt submission of written notice to SMM of any and all litigations or administrative or arbitration proceedings before any Governmental authority affecting RTN. As at December 31, 2015 and 2014, RTN is in compliance with the restrictions.

Interest expense amounted to ₱2.9 million, ₱3.7 million and ₱4.8 million in 2015, 2014 and 2013, respectively (see Note 30).

## 17. Provision for Mine Rehabilitation and Decommissioning

	2015	2014
Balances at January 1	₽130,175	₽130,927
Acquisition of a subsidiary (see Note 32)	31,989	_
Accretion interest on provision for mine		
rehabilitation and decommissioning		
(see Note 30)	8,520	8,893
Payments of rehabilitation cost	(670)	(10,401)
Effect of change in estimate	(88)	756
Balances at December 31	₽169,926	₽130,175



Provision for mine rehabilitation and decommissioning pertains to the estimated decommissioning costs to be incurred in the future on the mined-out areas of the Group.

The Group makes a full provision for the future cost of rehabilitating mine site and related production facilities on a discounted basis on the development of mines or installation of those facilities. The rehabilitation provision represents the present value of rehabilitation costs. These provisions have been created based on the Group's internal estimates. Assumptions, based on the current economic environment, have been made which management believes are a reasonable basis upon which to estimate the future liability. These estimates are reviewed regularly to take into account any material changes to the assumptions. However, actual rehabilitation costs will ultimately depend upon future market prices for the necessary decommissioning works required which will reflect market conditions at the relevant time. Furthermore, the timing of rehabilitation is likely to depend on when the mine ceases to produce at economically viable rates. This, in turn, will depend upon future ore prices, which are inherently uncertain.

## 18. Long-term Payable

On December 14, 2015, CExCI and the stockholders of Newminco entered into a Share Purchase Agreement (SPA) wherein CExCI agreed to acquire 100% equity interest of Newminco, on a deferred payment basis, for a total consideration of \$\mathbb{P}64.8\$ million.

Upon execution of the SPA, a downpayment of  $\clubsuit 30.8$  million was paid and the remaining balance of  $\clubsuit 34.0$  million, which is non-interest bearing, is payable over a seven (7) year period. The total principal is payable in annual installment of  $\clubsuit 5.0$  million starting in 2017 up to 2020 and annual installment of  $\clubsuit 7.0$  million for the remaining term of the SPA. The discount on deferred payment, at 4.58% risk free rate, amounted to  $\clubsuit 6.4$  million.

The carrying amount of long-term payable, net of unamortized discount amounted to \$\mathbb{P}\$27.6 million as at December 31, 2015.

		Accretion
		Interest
	Principal	(see Note 30)
Long-term payable	₱34,000	₽_
Less unamortized discount	6,359	59
Balances at December 31	₽27,641	₽59



## 19. Equity

## Capital Stock

The capital structure of the Parent Company as at December 31, 2015 and 2014 is as follows:

	2015	2014
Common stock - ₱0.50 par value		
Authorized - 19,265,000,000 shares in		
2015 and 4,265,000,000 shares in		
2014		
Issued - 7,596,939,456 shares		
in 2015 and 2,530,590,350 in 2014	₽3,798,470	₽1,265,295
Preferred stock - ₱0.01 par value		
Authorized and Issued - 720,000,000 shares	7,200	7,200
	₽3,805,670	₽1,272,495

Preferred share is voting, non-participating but with a fixed cumulative dividend rate of seven percent (7%) p.a.

#### Increase in Authorized Capital Stock

On March 27, 2015 and June 5, 2015, the Parent Company's BOD and stockholders, respectively, resolved to increase the authorized capital stock from 4,265,000,000 to 19,265,000,000 common stock with par value of ₱0.50 per share. On June 24, 2015, the SEC approved the increase in authorized capital stock.

#### **Issued Capital Stock**

Beginning November 22, 2010, the common stock of the Parent Company were listed and traded on the PSE at an offer price of \$\mathbb{P}15.00\$ per share, which is equivalent to \$\mathbb{P}2.67\$ per share after the stock dividends.

As at December 31, 2015 and 2014, the Parent Company has sixty-six (66) and fifty-four (54) stockholders, respectively.

As at December 31, 2015 and 2014, a total of 2,258,870,964 or 30% and 495,443,935 or 20%, respectively, of the outstanding common shares of the Parent Company are registered in the name of sixty-four (64) and fifty-two (52) shareholders, respectively, while the balance of 5,338,068,492 common shares or 70% and 2,035,146,415 common shares or 80%, respectively, are lodged with the Philippine Depository, Inc. (now known as Philippine Depository and Trust Corporation).

Movements in common stock follows:

	2015		
	Number		
	of Shares	Amount	
Balances at January 1	2,530,590,350	₽1,265,295	
Issuance of stock dividends			
50%	1,265,295,165	632,648	
100%	3,798,469,728	1,899,235	
Exercise of stock options (see Note 20)	2,584,213	1,292	
Balances at December 31	7,596,939,456	₽3,798,470	



	2014		
	Number	_	
	of Shares	Amount	
Balances at January 1	2,519,159,345	₽1,259,580	
Issuance of stock dividends	_	_	
Exercise of stock options (see Note 20)	11,431,005	5,715	
Balances at December 31	2,530,590,350	₽1,265,295	

On June 16, 2010, the BOD and stockholders of the Parent Company approved the ESOP (2010 ESOP; the Plan). On December 20, 2010, the Plan was approved by the SEC. A total of 12.0 million shares of stock were reserved for issue under the Plan.

On March 24, 2014, the BOD of the Parent Company approved the adoption of a new ESOP (2014 ESOP; the New Plan) which was ratified by the Parent Company's stockholders on June 6, 2014. On November 21, 2014, the New Plan was approved by the SEC. A total of 32.0 million shares of stock were reserved for issue under the New Plan.

The basic terms and conditions of the stock option plans are disclosed in Note 20.

## Additional Paid-In Capital

Movements in additional paid-in capital follows:

	2015	2014
Balances at January 1	₽8,273,655	₽8,151,603
Exercise of stock options	11,112	76,588
Reclassification adjustment from cost of share-based		
payment plan upon exercise of stock options	_	45,464
Balances at December 31	₽8,284,767	₽8,273,655

#### Dividends

Dividends declared and paid by the Parent Company follows:

		2015			
Type of Dividend	Date of declaration	Date of record	Amount declared	Dividend per share	Date of payment/issuance
Cash Dividends Regular Special	March 27, 2015 March 27, 2015	April 15, 2015 April 15, 2015	₽2,657,120 1,138,766	₽0.70 0.30	April 27, 2015 April 27, 2015
Stock Dividends	June 5, 2015	July 16, 2015	1,899,235	100%	August 11, 2015
		2014			
Type of Dividend	Date of declaration	Date of record	Amount declared	Dividend per share	Date of payment/issuance
Cash Dividends Special Regular	November 10, 2014 March 24, 2014	November 24, 2014 April 10, 2014	₱1,264,000 757,727	₽0.50 0.30	December 10, 2014 May 8, 2014
Stock Dividends	December 18, 2014	January 12, 2015	632,648	50%	January 28, 2015



2013

Type of	Date of	Date of	Amount	Dividend	Date of
Dividend	declaration	record	declared	per share	payment/issuance
Regular Cash					
Dividend	April 5, 2013	April 22, 2013	₽705,252	₽0.35	May 14, 2013
Stock Dividends	June 3, 2013	June 18, 2013	251,916	25%	July 12, 2013

### **Appropriated Retained Earnings**

On November 5, 2013, the Parent Company's BOD approved the appropriation of retained earnings amounting to \$\mathbb{P}\$1,000.0 million, for the construction, operation and maintenance of a bunker-fired diesel power station (see Note 39g). The project is expected to be completed in 2016.

#### 20. Executive Stock Option Plan

#### 2014 ESOP

On March 24, 2014, the New Plan was approved by the Parent Company's BOD and was ratified by the stockholders on June 6, 2014. On November 21, 2014, the New Plan was approved by the SEC. The basic terms and conditions of the New Plan are as follows:

- 1. The New Plan covers up to 32.0 million shares allocated to the Parent Company's officers and the officers of the subsidiaries.
- 2. The eligible participants are the directors and officers of the Parent Company and its subsidiaries, specifically those with positions of Assistant Vice President and higher, including the Resident Mine Managers of the subsidiaries.
- 3. The exercise price is 25.52, which is equivalent to 8.51 after the effect of stock dividends.
- 4. The New Plan was partially granted on June 6, 2014 and January 13, 2015.
- 5. The term of the New Plan shall be five (5) years and the shares will vest to the participant at the rate of twenty-five percent (25%) per year after the first year of the New Plan or July 18, 2015.
- 6. The participant can exercise the vested options by giving notice within the term of the New Plan, and can opt to either purchase the shares at the exercise price or request the Parent Company to advance the purchase price and to sell the shares in which case the participant will receive the sales proceeds less the exercise price.

The fair values of the stock option are ₱7.53 and ₱8.42, which was estimated as at grant date, June 6, 2014 and January 13, 2015, respectively, using the Black Scholes-Merton model, taking into consideration the terms and conditions upon which the options were granted.

## <u>2010</u> ESOP

On June 16, 2010, the Parent Company's BOD and stockholders approved the 2010 ESOP. On December 20, 2010, the Plan was approved by the SEC. The basic terms and conditions of the Plan are as follows:

- 1. The Plan covers up to 12.0 million shares allocated to the Parent Company's officers and the officers of the subsidiaries.
- 2. The eligible participants are the directors and officers of the Parent Company and its subsidiaries, specifically those with positions of Assistant Vice President and higher, including the Resident Mine Managers of the subsidiaries.
- 3. The exercise price is  $\ge 13.50$ , which is equivalent to  $\ge 2.40$  after the effect of stock dividends.
- 4. The grant date of the Plan is January 3, 2011 as determined by the Compensation Committee.
- 5. The term of the Plan shall be six (6) years and the shares will vest to the participant at the rate of twenty five-percent (25%) per year after the first year of the Plan or December 21, 2011.



6. The participant can exercise the vested options by giving notice within the term of the Plan, and can opt to either purchase the shares at the exercise price or request the Parent Company to advance the purchase price and to sell the shares in which case the participant will receive the sales proceeds less the exercise price.

The stock option agreement was made and executed on January 3, 2011 between the Parent Company and the option grantees. The fair value of the stock options is ₱6.44, which was estimated as at grant date, January 3, 2011, using the Black Scholes-Merton model, taking into account the terms and conditions upon which the options were granted.

The following assumptions were used to determine the fair value of the stock options at effective grant date:

	2014 ESOP		2010 ESOP
Grant date	January 13, 2015	June 6, 2014	January 3, 2011
Spot price per share	₽15.63	₽28.55	₽15.00
Exercise price	₽8.51	₽25.52	₽13.50
Expected volatility	33.52%	33.28%	53.42%
Option life	4.40 years	5.00 years	3.97 years
Dividend yield	0.58%	3.88%	2.06%
Risk-free rate	3.23%	3.30%	4.50%

The expected volatility reflects the assumption that the historical volatility over a period similar to the life of the options is indicative of future trends, which may also not necessarily be the actual outcome.

Except for the effect of stock dividends, there have been no modifications or cancellations in 2015 and 2014.

The following table illustrates the number of stock options and its movements during the year:

			Weighted Av	verage
	Number of	Options	Exercise P	Price
_	2015	2014	2015	2014
2014 ESOP				
Balances at January 1	17,764,849	_	<b>₽</b> 25.52	₽_
Granted	2,100,595	17,764,849	25.52	25.52
Forfeited	(718,012)	_	_	_
Stock dividends	38,294,846	_	8.51	_
Balances at December 31	57,442,278	17,764,849	₽8.51	₽25.52
2010 ESOP				
Balances at January 1	3,719,308	15,150,313	<b>₽7.20</b>	₽7.20
Exercised (see Note 19)	(2,584,213)	(11,431,005)	4.80	7.20
Stock dividends	4,854,403		2.40	_
Balances at December 31	5,989,498	3,719,308	₽2.40	₽7.20



In 2015, the number of shares and exercise price were adjusted for the effect of fifty percent (50%) and one hundred percent (100%) stock dividends (see Note 19).

On June 2, 2015, the SEC approved the exemption from registration of 11,625,987 common shares which shall form part of the ESOP. As at December 31, 2015, the Parent Company is in the process of securing the approval of the SEC of the exemption from registration of 31,523,262 common shares which shall also form part of the ESOP.

The number of exercisable vested stock options as at December 31, 2015 and 2014 are 12,759,272 and 3,719,308, respectively.

In 2015 and 2014, the weighted average stock prices at exercise dates were P20.40 and P28.84, respectively, which is equivalent to P10.20 and P9.61 per share, respectively, after the effect of stock dividends.

Movements in the cost of share-based payment plan included in equity are as follows:

	2015	2014
Balances at January 1	₽47,060	₽49,524
Cost of share-based payment recognized as capital		_
upon exercise	_	(45,464)
Stock option expense (see Note 27)	57,764	43,000
Movements during the year	57,764	(2,464)
Balances at December 31	₽104,824	₽47,060

The weighted average remaining contractual life of options outstanding under the New Plan is approximately three and a half (3.5) years and four and a half (4.5) years as at December 31, 2015 and 2014, respectively.

The weighted average remaining contractual life of options outstanding under the Plan is half (0.5) year and one and a half (1.5) years as at December 31, 2015 and 2014, respectively.

In 2015, 2014 and 2013, the cost of share-based payment plan amounted to ₱57.8 million, ₱43.0 million and ₱10.4 million, respectively (see Note 27).



# 21. Earnings Per Share

The following reflects the income and share data used in the basic and diluted EPS computations:

	2015	2014	2013
Net income attributable to equity			
holders of the parent	₽2,035,143	₽8,551,627	₽2,053,674
Preferred stock dividends	504	504	504
Net income attributable to equity holders of the parent for basic earnings Dividends on dilutive potential ordinary shares	2,034,639	8,551,123 -	2,053,170
Net income attributable to ordinary equity holders of the parent adjusted for the effect of dilution	₽2,034,639	₽8,551,123	₽2,053,170
Weighted average number of common shares for basic EPS Effect of dilution from	7,594,355,243	7,578,989,913	7,555,642,216
stock options	14,097,601	14,365,378	30,084,367
Weighted average number of common shares adjusted for the effect of dilution	7,608,452,844	7,593,355,291	7,585,726,583
Basic EPS	₽0.27	₽1.13	₽0.27
Diluted EPS	₽0.27	₽1.13	₽0.27

There have been no other transactions involving ordinary shares or potential ordinary shares between the end of the financial reporting period and the date of authorization of the consolidated financial statements.

## 22. Cost of Sales

	2015	2014	2013
Production overhead	₽2,675,180	₽2,613,048	₽1,938,349
Outside services	1,753,513	1,246,424	869,379
Depreciation and depletion			
(see Note 28)	1,060,175	984,366	830,512
Personnel costs (see Note 27)	870,657	894,205	669,699
Long-term stockpile inventory			
(see Note 12)	208,714	216,539	235,169
	6,568,239	5,954,582	4,543,108
Net changes in beneficiated			
nickel ore and limestone ore	(288,991)	(598,171)	(53,814)
	₽6,279,248	₽5,356,411	₽4,489,294



Production overhead consists of fuel, oil and lubricants, materials and supplies, equipment rentals and other miscellaneous charges.

Outside services pertain to services offered by the contractors related to the mining activities of the Group. These services include, but are not limited to, hauling, stevedoring, maintenance, security and blasting equipment rental.

## 23. Cost of Services

	2015	2014	2013
Depreciation and depletion			
(see Note 28)	<b>₽127,814</b>	₱129,502	₽133,040
Overhead	82,539	78,384	49,962
Personnel costs (see Note 27)	82,354	84,316	63,836
Equipment operating cost			
(see Note 16)	52,083	62,202	76,058
Outside services	13,127	16,746	12,396
	₽357,917	₽371,150	₽335,292

Equipment operating cost includes interest expense amounting to ₱31.1 million, ₱31.3 million and ₱33.5 million in 2015, 2014 and 2013, respectively (see Note 16).

# 24. Shipping and Loading Costs

	2015	2014	2013
Contract fees	₽1,194,955	₽1,136,292	₽801,402
Supplies and fuel, oil and			
lubricants	284,023	368,735	294,771
Depreciation and depletion			
(see Note 28)	127,280	123,795	155,810
Personnel costs (see Note 27)	61,588	65,187	72,219
Other services and fees	90,097	143,559	74,569
	₽1,757,943	₽1,837,568	₽1,398,771

## 25. Excise Taxes and Royalties

	2015	2014	2013
Royalties (see Notes 39e and 39r)	₽793,690	₽1,273,780	₽439,098
Excise taxes (see Note 39e)	295,913	481,054	209,510
	₽1,089,603	₽1,754,834	₽648,608



## 26. General and Administrative

	2015	2014	2013
Personnel costs (see Note 27)	₽295,670	₽290,964	₽230,199
Taxes and licenses	158,376	230,174	80,474
Outside services	93,496	102,934	67,408
Depreciation (see Note 28)	78,820	87,846	84,705
Donations	36,670	49,043	12,022
Transportation and travel	33,421	26,409	20,246
Rentals	28,513	23,693	13,569
Repairs and maintenance	27,850	22,941	9,528
Entertainment, amusement			
and recreation	16,527	16,161	13,720
Communications, light and water	9,637	8,634	11,882
Others	133,874	97,663	80,724
	₽912,854	₽956,462	₽624,477

Other general and administrative expense is composed of dues and subscription, rentals, other service fees and other numerous transactions with minimal amounts.

## 27. Personnel Costs

	2015	2014	2013
Salaries, wages and employee			<u> </u>
benefits	<b>₽1,192,279</b>	₽1,220,569	₽970,411
Pension cost (see Note 35)	60,226	71,103	55,173
Cost of share-based payment			
plan (see Note 20)	57,764	43,000	10,369
	₽1,310,269	₽1,334,672	₽1,035,953

The amounts of personnel costs are distributed as follows:

	2015	2014	2013
Cost of sales (see Note 22)	₽870,657	₽894,205	₽669,699
General and administrative			
(see Note 26)	295,670	290,964	230,199
Cost of services (see Note 23)	82,354	84,316	63,836
Shipping and loading costs			
(see Note 24)	61,588	65,187	72,219
	₽1,310,269	₽1,334,672	₽1,035,953



# 28. Depreciation and Depletion

	2015	2014	2013
Property and equipment (see Note 9)	₽1,439,987	₽1,373,334	₽1,260,601
Investment properties (see Note 10)	_	_	2,050
	₽1,439,987	₽1,373,334	₱1,262,651

The amounts of depreciation and depletion expense are distributed as follows:

	2015	2014	2013
Cost of sales (see Note 22)	₽1,060,175	₽984,366	₽830,512
Cost of services (see Note 23)	127,814	129,502	133,040
Shipping and loading costs			
(see Note 24)	127,280	123,795	155,810
General and administrative			
(see Note 26)	78,820	87,846	84,705
Others	45,898	47,825	58,584
	₽1,439,987	₽1,373,334	₽1,262,651

## 29. Finance Income

	2015	2014	2013
Interest income from:			
Cash and cash equivalents			
(see Note 4)	<b>₽109,075</b>	₽140,779	₽142,153
AFS financial assets			
(see Note 7)	99,320	16,631	12,049
Loan receivable			
(see Note 39q)	1,757	_	_
Long-term negotiable			
instrument (see Note 14)	1,260	1,260	1,260
Short-term cash investment			
(see Note 8)	1,159	1,641	_
Cash held in escrow			
(see Note 14)	235	536	825
Pension (see Note 35)	_	_	3,158
Gain on sale of AFS financial			
assets (see Note 7)	86,250	10,684	7,308
Accretion income (see Note 34f)	3,933	573	_
Day 1 gain (see Note 34f)	2,123	_	
	₽305,112	₽172,104	₽166,753



	2015	2014	2013
Guarantee service fee			
(see Note 39f)	<b>₽124,194</b>	₽134,766	₽104,235
Interest expense on:	ŕ		
Long-term debts			
(see Note 16)	28,623	3,650	4,766
Pension (see Note 35)	12,663	12,732	8,476
Short-term debt (see Note 16)	5,066	_	_
Long-term payable	ŕ		
(see Note 18)	59	_	_
Management fee	13,622	402	342
~	,		

8,520

8,893

2,205

2,123

8,554

₱128,640

₽192,747	₽164,771

	2015	2014	2013
Foreign exchange gains - net	₽322,963	₱182,510	₽53,293
Reversals of allowance	,	,	ŕ
(provisions) for impairment			
losses on:			
Input VAT (see Note 8)	(54,484)	_	(530)
Materials and supplies			
(see Note 6)	35,961	(5,394)	2,802
Beneficiated nickel ore			
inventory			
(see Note 6)	13,239	225,995	6,361
Deferred mine			
exploration costs			
(see Note 14)	(1,233)	(1,520)	(144,155)
Property and equipment			
(see Note 9)	_	(98,487)	_
Trade and other			
receivables			
(see Note 5)	_	19	4,769

(Forward)

30. Finance Expenses

Accretion interest on provision for mine rehabilitation and

Loss on sale of AFS financial assets (see Note 7)

Provision for impairment losses on trade and other receivables

decommissioning (see Note 17)

Day 1 loss (see Note 34f)

31. Other Income - net



	2015	2014	2013
Gain (loss) on:			
Bargain purchase			
(see Note 32)	<b>₽</b> 59,921	₽_	₽_
Sale of property and			
equipment	6,919	9,693	82,005
Write-off of deferred mine			
exploration cost			
(see Note 39e)	(5,461)	(1,941)	_
Write-off of input VAT	(8)	(12,548)	(6,752)
Write-off of trade and other			
receivables	_	(3,108)	_
Sale of investment properties			
(see Note 10)	_	_	145,095
Special projects	52,477	84,773	28,375
Despatch	38,995	67,296	49,134
Dividend income (see Note 7)	25,827	6,473	62,654
Issuance of fuel, oil and			
lubricants	20,491	16,859	8,209
Rentals and accommodations	11,275	11,307	4,209
Other services	2,864	3,649	4,766
Casualty losses	(2,516)	_	(7,439)
Others - net	(20,064)	(14,679)	16,987
	₽507,166	₽470,897	₽309,783

Others include pension income recognized by a subsidiary as determined by the Group's actuary and miscellaneous services provided to CBNC on per job order basis, net of related cost incurred.

Breakdown of the foreign exchange gains (losses) - net follows:

	2015	2014	2013
Realized foreign exchange gains - net	₽149,488	₽93,894	₽90,798
Unrealized foreign exchange			
gains (losses) - net on:			
Cash and cash equivalents	133,794	96,095	77,129
AFS financial assets			
(see Note 7)	89,372	3,310	860
Long-term debt	(65,212)	(8,258)	(119,636)
Trade and other payables	17,149	(110)	(504)
Trade and other receivables	(1,628)	(2,421)	4,370
Others	_	_	276
	₽322,963	₱182,510	₽53,293

#### 32. Business Combination

Loan Conversion and Additional Subscription to EPI

On April 15, 2015, the Parent Company expressed its intention to exercise its conversion right and to convert the entire second tranche loan of \$\mathbb{P}446.0\$ million to 55% equity interest in EPI, which is equivalent to 312,888,889 common shares, subject to the SEC's approval of the increase in authorized capital stock of EPI.



On July 16, 2015, the Parent Company subscribed to an additional 11% equity interest in EPI, which is equivalent to 184,052,288 common shares, for a total consideration of \$\mathbb{P}474.0\$ million, subject also to the approval of EPI's increase in authorized capital stock.

The increase in EPI's authorized capital stock was approved by the SEC on July 28, 2015 and the corresponding shares were subsequently issued to the Parent Company. The transaction was accounted for as an asset acquisition. At the time of acquisition, EPI has investments in the following subsidiaries.

	% of Ownership
MEI	100%
MGPC	100%
BHI	100%
MSI (a)	50%
(a) Indirect ownership through MEI	

The Parent Company's cost of investment in EPI consists of:

Convertible loan including derivative asset	<b>₽</b> 450,506
Additional capital infusion	474,000
	₽924,506

The consolidated amounts recognized as at July 28, 2015 for each major class of EPI and its subsidiaries' identifiable assets and liabilities follow:

	Fair Value
Assets	
Cash	₽653,836
Trade and other receivables	30,593
Prepayments and other current assets	54,697
Property and equipment	5,389
Geothermal exploration and evaluation assets	819,883
Other noncurrent assets	105,414
Total assets	1,669,812
Liabilities	
Trade and other payables	91,116
Short-term debts	285,000
Total liabilities	376,116
Net assets, including share of NCI	1,293,696
Share of NCI	369,190
Net assets acquired	₽924,506

The fair value of trade and other receivables approximates its carrying amount since these are short-term in nature. None of the trade and other receivables has been impaired and it is expected that the full contractual amounts can be collected/recovered.

NCI have been measured at its proportionate share of the value of the net identifiable assets acquired and liabilities assumed.



The excess of the Group's cost of investment in EPI over its proportionate share in the underlying net assets at the date of acquisition amounting to ₱207.8 million was allocated to the "Geothermal exploration and evaluation assets" account in the consolidated statements of financial position.

From acquisition date to December 31, 2015, the amounts of revenue and net loss of EPI and its subsidiaries which were included in the consolidated statements of income for the year ended December 31, 2015 amounted to nil and \$\mathbb{P}71.3\$ million, respectively. Had the acquisition of EPI and its subsidiaries occurred at the beginning of the year, the Group's revenue and net income for the year ended December 31, 2015 would have decreased by nil and \$\mathbb{P}344.3\$ million, respectively.

#### Cash flow on acquisition follows:

Cash acquired from EPI and its subsidiaries	₽179,836
Cash paid for drawdowns of second tranche convertible	
loan	267,600
Net cash outflow	₽87,764

#### Acquisition of Geogen

On August 4, 2015, the Parent Company acquired 240,000,000 shares, or 100% equity interest, of Geogen for a total consideration of ₱484.8 million. On the same date, a Deed of Assignment of Receivables was also executed between the Parent Company and the previous shareholders of Geogen wherein the Parent Company paid the amount of ₱209.2 million representing the advances from stockholders of Geogen prior to acquisition. Geogen is the claimowner of the Isabela Nickel Project with an aggregate area of 2,392 hectares located in Dinapigue, Isabela covered by MPSA No. 258-2007-II.

The amounts recognized as at August 4, 2015 for each major class of Geogen's identifiable assets and liabilities follow:

	Fair Value
Assets	
Cash	<b>₽</b> 509
Trade and other receivables	402
Prepayments and other current assets	32,800
Property and equipment	1,144
Deferred mine exploration costs	880,688
Other noncurrent assets	35,533
Total assets	951,076
Liabilities	
Trade and other payables	209,339
Provision for mine rehabilitation and decommissioning	31,989
Deferred income tax liabilities	164,262
Total liabilities	405,590
Net assets acquired	₽545,486



Income from acquisition is computed as follows:

Acquisition cost	₱485,565
Less: Fair value of net identifiable assets and liabilities	
acquired	545,486
Gain on bargain purchase (see Note 31)	₽59,921

From acquisition date to December 31, 2015, the amounts of revenue and net loss of Geogen which were included in the consolidated statements of income for the year ended December 31, 2015 amounted to nil and \$\mathbb{P}\$14.9 million, respectively. Had the acquisition of Geogen occurred at the beginning of the year, the Group's revenue and net income for the year ended December 31, 2015 would have decreased by nil and \$\mathbb{P}\$31.4 million, respectively.

#### Cash flow on acquisition follows:

Cash acquired from Geogen		₽509
Cash paid for:		
Acquisition of shares	484,768	
Assignment of advances from previous		
shareholders	209,232	
Others	797	694,797
Net cash outflow		₽694,288

#### Acquisition of Jobin

On July 16, 2015, EPI entered into a Deed of Assignment with the previous shareholders of Jobin and acquired 200,000 shares, or 100% equity interest, of Jobin for a total consideration of ₱0.2 million. Jobin is the holder of Solar Energy Service Contract (SESC) No. 2013-10-039 and Wind Energy Service Contract (WESC) No. 2013-10-062 which both covers an area in the municipalities of Morong and Hermosa, Bataan. The transaction was accounted for as an asset acquisition. The amounts recognized as at July 16, 2015 for each major class of Jobin's identifiable assets and liabilities follow:

	Fair Value
Assets	
Cash	₽200
Property and equipment	455
Total assets	655
Liabilities	
Trade and other payables	455
Net assets acquired	₽200

The excess of the Group's cost of investment in Jobin over the underlying net assets at the date of acquisition amounting to \$\mathbb{P}0.5\$ million was allocated to the "Property and equipment" account in the consolidated statements of financial position.

From acquisition date to December 31, 2015, the amounts of revenue and net loss of Jobin which were included in the consolidated statements of income for the year ended December 31, 2015 amounted to nil and ₱0.5 million, respectively, which also have the same impact had the acquisition of Jobin occurred at the beginning of the year.



#### Cash flow on acquisition follows:

Cash acquired from Jobin	₽200
Cash paid for acquisition	200
Net cash outflow	₽–

#### Acquisition of Newminco

On December 14, 2015, CExCI entered into a SPA to acquire 100% equity interest of Newminco for a total consideration of \$\mathbb{P}64.8\$ million.

CExCI acquired the shares of Newminco on a deferred payment basis and with the following terms: a downpayment of \$\mathbb{P}30.8\$ million upon execution of the SPA while the remaining balance of \$\mathbb{P}34.0\$ million, which is non-interest bearing, is payable over a seven (7) year period.

The amounts recognized as at December 14, 2015 for each major class of Newminco's identifiable assets and liabilities follow:

	Fair Value
Assets	
Cash	₽68
Deferred mine exploration cost	61,680
Total assets	61,748
Liabilities	
Trade and other payables	4,273
Net assets, including share of NCI	57,475
Share of NCI	857
Net assets acquired	₽58,332

NCI have been measured at its proportionate share of the value of the net identifiable assets acquired and liabilities assumed.

The excess of the Group's cost of investment in Newminco over the underlying net assets at the date of acquisition amounting to \$\mathbb{P}60.5\$ million was allocated to the "Deferred mine exploration costs" account in the consolidated statements of financial position.

From acquisition date to December 31, 2015, the amounts of revenue and net loss of Newminco which were included in the consolidated statements of income for the year ended December 31, 2015 amounted to nil and  $\ref{P0.1}$  million, respectively. Had the acquisition of Newminco occurred at the beginning of the year, the Group's revenue and net income for the year ended December 31, 2015 would have decreased by nil and  $\ref{P0.3}$  million, respectively.

#### Cash flow on acquisition follows:

Cash acquired from Newminco	₽68
Cash paid for acquisition	30,750
Net cash outflow	₱30,682

#### Acquisition of BGI

On August 24, 2015, EPI and BHI entered into an Investment Agreement with OGI and BGHI to acquire 60% equity interest of BGI for a consideration of ₱1.8 million, subject to the SEC's approval of the increase in authorized capital stock of BGI. The increase in authorized capital stock of BGI was approved by the SEC on December 17, 2015 and the corresponding shares were



subsequently issued to BHI. BGI is the holder of Geothermal Renewable Energy Service Contract (GRESC) No. 2010-02-010 which covers the geothermal field in Biliran, Leyte.

The transaction was accounted as an acquisition of a business. The provisional fair values recognized as at December 17, 2015 for each major class of BGI's identifiable assets and liabilities follow:

	Fair Value
Assets	
Cash	₽13,787
Trade and other receivables	72,668
Prepayments and other current assets	3,210
Property and equipment	3,925
Geothermal exploration and evaluation assets	4,794,096
Other noncurrent assets	254,327
Total assets	5,142,013
Liabilities	
Trade and other payables	5,187,541
Deferred income tax liabilities	87,485
Total liabilities	5,275,026
Net liabilities, including share of NCI	(133,013)
Share of NCI	134,858
Net assets acquired	₽1,845

The fair value of trade and other receivables approximates its carrying amounts since these are short-term in nature. None of the trade and other receivables has been impaired and it is expected that the full contractual amounts can be collected/recovered.

NCI have been measured at its proportionate share of the value of the net identifiable assets acquired and liabilities assumed.

The excess of the Group's cost of investment in BGI over its proportionate share in the underlying net assets at the date of acquisition amounting to \$\frac{1}{2}\$291.6 million was allocated to the "Geothermal exploration and evaluation assets" account in the consolidated statement of financial position.

From acquisition date to December 31, 2015, the amounts of revenue and net income of BGI which were included in the consolidated statements of income for the year ended December 31, 2015 amounted to nil and \$\pm\$15.3 million, respectively. Had the acquisition of BGI occurred at the beginning of the year, the Group's revenue and net income for the year ended December 31, 2015 would have decreased by nil and \$\pm\$240.6 million, respectively.

Cash flow on acquisition follows:

Cash acquired from BGI	₽13,787
Cash paid	1,845
Net cash inflow	₽11,942



## 33. Material Partly-Owned Subsidiaries

Financial information of subsidiaries that have material NCI are provided below:

Proportion of equity interest held by NCI:

	2015	2014	
RTN	Philippines	40.00%	40.00%
TMC	Philippines	35.00%	35.00%
Equity attributable to materi	al NCI:		
		2015	2014
RTN		₽1,031,567	₽1,040,362
TMC		2,324,965	2,277,615
Net income attributable to m	naterial NCI:		
		2015	2014
RTN		₽597,515	₽1,136,565
TMC		497,302	1,326,530

Other comprehensive income (loss) attributable to material NCI:

	2015	2014
RTN	(₽7,234)	₽12,013
TMC	3,712	7,385

The summarized financial information of these subsidiaries are provided below. This information is based on amounts before inter-company eliminations.

Summarized statements of comprehensive income for the year ended December 31, 2015:

	RTN	TMC
Revenues	₽5,257,005	₽5,509,619
Cost of sales and services	(2,488,429)	(2,329,682)
Operating expenses	(775,960)	(1,247,665)
Other income - net	130,484	81,646
Finance income - net	10,863	20,777
<b>Income before income tax</b>	2,133,963	2,034,695
Provision for income tax	(640,175)	(613,832)
Net income	1,493,788	1,420,863
Other comprehensive income (loss)	(18,086)	10,606
Total comprehensive income - net	₽1,475,702	₽1,431,469
Attributable to NCI	<b>₽</b> 590,281	₽501,014
Dividends paid to NCI	600,000	455,000



Summarized statements of comprehensive income for the year ended December 31, 2014:

	RTN	TMC
Revenues	₽7,188,712	₽8,907,493
Cost of sales and services	(2,159,076)	(1,770,309)
Operating expenses	(922, 182)	(1,752,975)
Other income (charges) - net	139,227	(13,930)
Finance income - net	718,115	20,681
Income before income tax	4,964,796	5,390,960
Provision for income tax	(1,276,249)	(1,600,873)
Net income	3,688,547	3,790,087
Other comprehensive income	30,033	21,101
Total comprehensive income	₽3,718,580	₽3,811,188
Attributable to NCI	₽1,487,432	₽1,333,915
Dividends paid to NCI	2,745,815	735,000

Summarized statements of financial position as at December 31, 2015 and 2014:

			TMC		
	2015	2014	2015	2014	
Current assets	₽2,390,416	₽1,992,178	₽4,753,551	₽4,050,179	
Noncurrent assets	1,335,484	1,606,618	4,717,085	4,298,935	
Current liabilities	(1,047,563)	(881,208)	(1,388,816)	(381,606)	
Noncurrent liabilities	(99,418)	(116,683)	(1,439,063)	(1,460,036)	
Total equity	₽2,578,919	₽2,600,905	₽6,642,757	₽6,507,472	
Attributable to equity					
holders of parent	₽1,547,351	₽1,560,543	<b>₽</b> 4,317,792	₽4,229,857	
NCI	1,031,568	1,040,362	2,324,965	2,277,615	

Summarized cash flow information for the years ended December 31, 2015 and 2014:

			TMC		
	2015	2014	2015	2014	
Operating	₽1,685,649	₽3,665,698	₽1,966,420	₽3,625,536	
Investing	(197,236)	(190,957)	(1,004,472)	(665,389)	
Financing	(1,042,820)	(5,483,554)	(403,742)	(2,209,872)	
Net increase (decrease)					
in cash and cash					
<b>equivalents</b>	₽445,593	(₱2,008,813)	₽558,206	₽750,275	



## 34. Related Party Transactions

Related party relationships exist when one party has the ability to control, directly or indirectly through one or more intermediaries, the other party or exercise significant influence over the other party in making financial and operating decisions. Such relationships also exist between and/or among entities which are under common control with the reporting enterprise, or between and/or among the reporting enterprise and their key management personnel, directors, or its stockholders.

Set out on next page are the Group's transactions with related parties in 2015, 2014 and 2013, including the corresponding assets and liabilities arising from the said transactions as at December 31, 2015 and 2014.



		Amount		Trade and C Receivabl (see Note	les	Trade and ( Payable (see Note	s	Amounts Owe Related Part (see Note 5	ies	Amounts Owed to Parties (see Note 15		Short-term and Lon Debts (see Note 16)	)		
	2015	2014	2013	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	Terms	Conditions
Stockholders PAMCO Sale of ore	₽2,853,830	₽4,120,959	₽1,269,780	₽136,048	₽13,025	₽-	₽_	₽-	₽	₽-	₽	₽_	₽_	Ninety percent (90%) upon receipt of documents and ten percent	Unsecured; no guarantee
														(10%) after the final dry weight and applicable assay have been determined; noninterest- bearing	
Draft survey fee	359	630	295	-	-	86	_	-	-	_	-	_	-	Payable on demand; noninterest- bearing	Unsecured; no guarantee
Despatch income	7,008	6,419	4,447	_	-	-	_	_	_	-	-	-	_	Collectible on demand; noninterest-bearing	Unsecured; no guarantee
Other service fee	224	262	=	-	=	-	-	-	_	-	-	-	-	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
SMM Sale of ore	438,851	879,528	192,701	241	2,603									Collectible upon billing:	Unsecured; no
	ĺ	,	ĺ	241	2,003	_	_	_	_	_	_	_	_	noninterest-bearing	guarantee
Guarantee service fee (see Note 30)	124,194	134,766	103,351	_	-	43,731	43,639	-	-	_	-	_	_	Every twenty first (21st) of February, March, August and September	Unsecured
Short-term advances	-	=	1,783	_	_	_	_	-	_	_	_	_	_	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
Loan facility	-	-	_	-	-	-	-	-	_	-	-	105,415	140,242	Principal is payable in semi- annual installments, interest is based on one hundred eighty (180)-day British Banker Association LIBOR plus two percent (2%) spread	Secured; with guarantee
NAHI Short-term advances	14	21	100	-	-	-	-	-	-	-	-	-	-	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee

(Forward)



	A	Amount		Trade and C Receivabl (see Note	les	Trade and O Payables (see Note 1	S	Amounts Owe Related Part (see Note:	ties	Amounts Owed to Parties (see Note 1:		Short-term and Long Debts (see Note 16)	-term		
	2015	2014	2013	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	Terms	Conditions
With Common Stockholders Manta															
Rentals, dues and utilities	₽26,687	₱25,639	₽14,190	₽–	₽	₽417	₽33	₽–	₽-	₽–	₽_	₽–	₽_	bearing	Unsecured; no guarantee
Rental deposits	10,163	9,917	9,842	_	_	_	-	_	-	_	-	-	-	Collectible upon end of the lease; noninterest-bearing	Unsecured; no guarantee
Short-term advances	3	64	1,147	_	_	_	=	2,166	3	_	=	_	=	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
Loan facility	180,000	_	_	-	-	_	-	-	-	-	-	180,000	-	Principal is payable at the end of loan agreement; interest is at five percent (5%)	Unsecured; no guarantee
Interest income on loan	5,066	-	=	-	-	5,066	_	-	-	_	=	-	_	Interest is payable at the end of loan agreement	Unsecured; no guarantee
Associates CBNC															
Sale of ore and services	1,543,469	2,087,569	1,744,600	157,165	194,757	_	-	_	-	-	-	_	-	Seven (7) to thirty (30) days; noninterest-bearing	Unsecured; no guarantee
Infralease and throughput	48,152	47,829	52,455	30,180	29,418	-	=	_	=	-	=	-	-	Collectible at the end of February and August; noninterest-bearing	Unsecured; no guarantee
Other income	24,682	60,698	8,846	17,993	9,944	_	-	_	-	_	-	_	-	Collectible on demand; noninterest-bearing	Unsecured; no guarantee
Short-term advances	544	-	625	-	_	-	-	-	-	544	_	_	-	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
THNC															
Sale of ore	1,114,844	1,434,220	237,071	77,348	121,305	_	-	_	-	_	-	_	-	Thirty (30) days term, noninterest-bearing	Unsecured; no guarantee
Rendering of service	129,202	130,310	125,003	31,683	31,371	_	_	_	-	-	-	_	_	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
Materials handling (see Note 34a)	270,185	267,504	124,523	69,168	28,106	-	-	-		_	-	_	-	Collectible on demand; noninterest-bearing	Unsecured; no guarantee
Rental income	6,703	6,703	6,703	-	_	-	_	_	-	-	_	_	-	Collectible on demand; noninterest-bearing	Unsecured; no guarantee
Rental deposit	3,352	3,352	3,352	-	_	-	_	-	_	-	-	-	_	Collectible upon end of the lease term; non-interest bearing	Unsecured;

(Forward)



	An	nount		Trade and ( Receivable (see Note	les	Trade and O Payables (see Note 1	S	Amounts Ow Related Par (see Note	rties	Amounts Owed to Parties (see Note 1		Short-term and Debts (see Note	3		
	2015	2014	2013	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	Terms	Conditions
Loan facility	₽−	₽	₽-	₽-	₽	₽-	₽	₽-	₽	₽	₽_	₽1,276,503	₽1,291,290	Principal is payable in semi- annual installments, interest is based on one hundred eighty (180)-day British Banker Association LIBOR plus two	guarantee
Rendering of other service	2,208	2,054	-	125	2,054	_	-	_	-	-	-	-	-	percent (2%) spread Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
Short-term advances	21,484	21,621	22,175	-	_	-	_	8,362	4,490	_	_	-	_	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
Affiliates OGI Short-term advances	-	-	-	-	-	-	-	_	-	1,254,270	-	-	=	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
BGHI Short-term advances	-	-	-	-	-	-	-	-	-	3,887,252	-	-	_	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
Others Short-term advances	-	-	-	-	-	-	-	5,436	-	-	-	-	-	Collectible upon billing; noninterest-bearing	Unsecured; no guarantee
				₽519,951	₽432,583	₽49,300	₽43,672	₽15,964	₽4,493	₽5,142,066	₽-	₽1,561,918	₽1,431,532		



#### Terms and Conditions of Transactions with Related Parties

All sales to and purchases from related parties are made at prevailing market prices. Outstanding balances as at December 31, 2015 and 2014 pertain to the extension and receipt of advances to and from related parties and these are unsecured, short-term, interest-free and settlement occurs in cash. Except for the guarantee on the CBNC and THNC Loan Obligations (see Note 39f), there have been no guarantees received or provided for any related party receivables or payables, respectively. This assessment is undertaken at each end of the financial reporting period through the examination of the financial position of the related party and the market in which the related party operates.

### a. Sales and Service Agreements

#### Nickel Ore Sale Agreements with PAMCO

CMC and TMC supply saprolite ore to PAMCO. PAMCO is a stockholder of the Parent Company and TMC. All sales made to PAMCO are transacted at prevailing market prices. Under the terms of the agreement, the base price of the ore products for a specific shipment shall be based on London Metal Exchange (LME). Effective April 2014, ore sales to PAMCO are benchmarked to China prices on the basis of a negotiated price per wet metric ton of ore. PAMCO shall pay the Group eighty percent (80%) to ninety percent (90%) of the provisional invoice amount upon receipt of the required documents and pay the final payment of each shipment after the final dry weight and applicable assay have been determined. Outstanding balances as at December 31, 2015 and 2014 are unsecured, interest-free and settlement occurs in cash. Receivable from PAMCO is included as part of "Trade and other receivables" and is expected to be collected subsequently.

#### Nickel Ore Sale Agreement with PAMCO and Sojitz Corporation (Sojitz)

RTN supplies saprolite ore to PAMCO under a sale agreement, which shall continue to be valid and in effect until December 2015, wherein PAMCO appointed Sojitz as agent. PAMCO owns thirty-six percent (36%) and Sojitz owns four percent (4%) of the outstanding shares in the capital stock of RTN.

## Nickel Ore Sale Agreement with SMM

On April 1, 2011, RTN and SMM entered into an agreement to supply nickel ore to the latter. The agreement shall be valid from April 2011 and shall continue to be valid and in effect until December 2015.

#### Nickel Ore Supply Agreement with CBNC

RTN entered into an agreement with CBNC to supply all of the limonite ore requirements for the Coral Bay HPP facility until the earlier of the cessation of operations at the Coral Bay HPP facility and exhaustion of the limonite ore reserves at the Rio Tuba mine. RTN has also entered into an agreement with CBNC to supply limestone and provide ancillary services to the Coral Bay HPAL facility. CBNC is the owner of the Coral Bay HPP facility. Receivable from CBNC is included as part of "Trade and other receivables" and is expected to be collected subsequently.

#### Nickel Ore Supply Agreement with THNC

TMC entered into an agreement with THNC covering the sale of its ore products. Under the terms of the agreement, the base price of the ore products for a specific shipment shall be based on LME.



#### Service Agreements with CBNC

RTN entered into various service agreements with CBNC pertaining to materials handling and others.

#### Materials Handling Agreement with THNC

On October 7, 2013, TMC and THNC executed an agreement wherein TMC will render services related to the handling, hauling and transport of cargo for the latter. THNC shall compensate TMC based on the prices stipulated in the agreement which are determined on the basis of the weight of the cargo. Payment is collected within fifteen (15) days from receipt of TMC's billing.

#### b. Stockholder Agreements

#### THNC Stockholder's Agreement

On September 15, 2010, NAC, SMM and Mitsui executed a Stockholders Agreement, pursuant to which the parties formed a joint venture company, THNC, to build and operate a plant in Barangay Taganito, Claver, Surigao del Norte for the purpose of producing and selling nickel-cobalt mixed sulfide to be used in the production of electrolytic nickel and electrolytic cobalt.

Pursuant to the Stockholders Agreement, SMM granted THNC a non-exclusive license of technology owned by SMM to produce the products and has undertaken to provide technical assistance to THNC. The Parent Company has undertaken to cause TMC to supply THNC with nickel ore and limestone and to further cause TMC to make available to THNC the use of the land and infrastructure necessary for the production of the products while Mitsui shall assist THNC in procuring materials and equipment necessary for the mine's operations. The Stockholders Agreement shall terminate upon the dissolution of THNC.

The Parent Company, along with the other stockholders of THNC, also agreed to make loans to THNC or guarantee the repayment of THNC's loan obligations in accordance with the financial requirements of THNC, in proportion to their shareholding ratio in THNC.

In a separate agreement dated December 9, 2011, SMM agreed to assume Parent Company's obligation to make loans to, or guarantee the repayment of THNC's loan obligations. The Parent Company, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of THNC's outstanding loan obligations.

## **CBNC Stockholder Agreement**

On July 1, 2002, RTN, along with the other stockholders of CBNC, agreed to make loans to CBNC or guarantee the repayment of CBNC's loan obligations in accordance with the financial requirements of CBNC, in proportion to their shareholding ratio in CBNC.

In a separate agreement dated October 22, 2002, SMM, which owns fifty-four percent (54%) of CBNC, agreed to assume RTN's obligation to make loans to, or guarantee the repayment of CBNC's loan obligations. RTN, in consideration for this agreement, pays SMM an annual guarantee fee of one percent (1%) of CBNC's outstanding loan obligations until August 2015.



## c. Other Agreements

#### Funding Commitment with SMM

RTN's long-term debt was incurred to complete infrastructure projects to support the development of the Coral Bay HPAL facility. These projects included the causeway, trestles and dolphins in the Rio Tuba foreshore and offshore areas (see Note 16).

#### Funding Commitment with THNC

TMC as owner/developer of TSEZ incurred a long-term debt to finance the construction of the pier facilities that will be utilized to support the operations of the Taganito HPAL facility. These projects included the jetty, dolphins, rubber fender, jettybollard and other pier facilities in the Taganito foreshore and offshore areas.

#### d. Compensation of Key Management Personnel

The Group considers as key management personnel all employees holding managerial positions up to the president. The short-term benefits of key management personnel of the Group in 2015, 2014 and 2013 amounted to about ₱273.9 million, ₱253.5 million and ₱162.6 million, respectively, inclusive of cost of share-based payment of ₱57.8 million, ₱43.0 million and ₱10.4 million, respectively. The post-employment benefits of key management personnel of the Group amounted to ₱9.0 million, ₱14.3 million, and ₱4.1 million in 2015, 2014, and 2013, respectively.

#### e. Lease Agreement

On March 18, 2013, the Group entered into a lease agreement with Manta for its office and parking space. The lease agreement is effective for a period of five (5) years starting May 15, 2013 and is renewable subject to negotiation of the terms and conditions and mutual agreement of both parties. Rent expense pertaining to the lease amounted to ₱20.5 million, ₱19.2 million and ₱10.1 million in 2015, 2014 and 2013, respectively.

Future minimum rent payable under the lease as at December 31, 2015 and 2014 are as follows:

	2015	2014
Within one (1) year	₽20,745	₽18,397
After one (1) year but not more than five (5) years	31,946	48,315
	<b>₽52,691</b>	₽66,712

## f. Loan to EPI with Conversion Option

On August 22, 2014, the Parent Company and EPI executed a loan agreement amounting to \$\frac{1}{2}551.0\$ million which is to be drawn in two (2) tranches. The first and second tranche of the loan is \$\frac{1}{2}105.0\$ million and \$\frac{1}{2}446.0\$ million, respectively, with an interest rate of 2% p.a. The Parent Company may convert the entire second tranche loan into the shares of stock of EPI constituting fifty-five percent (55%) of the total issued and outstanding shares of EPI at any time before the lapse of three hundred sixty five (365) days after the drawdown of the entire second tranche loan. To secure the loan, EPI pledge its shares of stock in Occidental Mindoro Consolidated Power Corporation (OMCP) constituting one hundred percent (100%) of OMCP's issued and outstanding shares. The terms and conditions of the loan agreement are disclosed in Note 39a.



The table below shows the movement of the convertible loan as at December 31, 2015 and 2014.

	2015	2014
Balances at January 1	₽276,342	₽_
Undiscounted loan	267,600	283,400
Less:		
Derivative asset (see Note 8)	8,263	5,508
Day 1 difference (see Note 30)	=	3,242
Carrying value	535,679	274,650
Add:		_
Movement in day 1 difference		
(see Notes 29 and 30)	2,123	1,119
Accretion of interest (see Note 29)	3,933	573
Less:		
Collection of loans	105,000	_
Loan conversion into equity	436,735	_
Net carrying values at December 31	₽_	₽276,342

## 35. Pension Liability

The existing regulatory framework, Republic Act (RA) 7641, *The Retirement Pay Law*, requires a provision for retirement pay to qualified private sector employees in the absence of any retirement plan in the entity, provided however that the employee's retirement benefits under any collective bargaining and other agreements shall not be less than those provided under the law. The law does not require minimum funding of the plan.

The following tables summarize the pension liability and pension asset recognized in the consolidated statements of financial position:

	2015	2014
Funded pension liabilities:		
TMC	₽136,994	₽136,502
RTN	18,178	_
HMC	14,885	20,199
Unfunded pension liabilities:		
CMC	40,379	39,787
NAC	39,643	34,850
	₽250,079	₽231,338
Funded pension asset:		
RTN (see Note 14)	₽_	₽6,090



The following tables summarize the components of net pension costs recognized in the consolidated statements of income and the funded status and amounts recognized in the consolidated statements of financial position for the respective plans:

Changes in net defined benefit liability and fair value of pension assets in 2015, 2014 and 2013 are as follows:

							Decembe	er 31, 2015						
		N	et benefit cost	in consolidated										
			statements	of income				Remeas	urements in othe	r comprehensive	income			
							Return on plan	Actuarial		Actuarial				
							assets	changes	<b>Actuarial</b>	changes arising				
							(excluding	arising	changes	from				
							amount	from	arising from	changes in				
	January 1,	Current		Past		Benefits	included	demographic	experience	financial	Effect of asset			December 31,
			Net interest	service cost	Subtotal		in net interest)	adjustments	adjustments	assumptions	ceiling		Contributions	2015
RTN	₽383,979	₽24,560	₽22,117	₽–	₽46,677	( <del>P</del> 58,943)	₽-	₽-	₽28,650	(₱23,055)	₽-	₽5,595	₽-	₽377,308
TMC	249,346	22,589	13,490	_	36,079	(8,870)	_	_	1,048	(20,308)	_	(19,260)	_	257,295
HMC	24,400	3,486	1,391	_	4,877	(498)	_	_	3,369	(3,367)	_	2	_	28,781
Defined benefit liability	657,725	50,635	36,998	_	87,633	(68,311)	_	_	33,067	(46,730)	_	(13,663)	_	663,384
RTN	(390,420)	_	(21,560)	_	(21,560)	58,943	20,614	_	_	_	_	20,614	(26,707)	(359,130)
TMC	(112,844)	_	(6,406)	_	(6,406)	8,870	10,079	_	_	_	_	10,079	(20,000)	(120,301)
HMC	(4,201)	_	(513)	_	(513)	498	423	_	_	_	_	423	(10,103)	(13,896)
Fair value of plan assets	(507,465)	_	(28,479)	_	(28,479)	68,311	31,116	_	_	_	_	31,116	(56,810)	(493,327)
RTN	351	_	20	_	20	_	_	_	_	_	(371)	(371)	_	
TMC	_	_	_	_	_	_	_	_	_	_	· -		_	_
HMC	_	_	_	_	_	_	_	_	_	_	_	_	_	
Restrictions on asset recognized	351	_	20	_	20	_	_	_	_	_	(371)	(371)	_	_
RTN	(6,090)	24,560	577	_	25,137	_	20,614	_	28,650	(23,055)	(371)	25,838	(26,707)	18,178
TMC	136,502	22,589	7,084	_	29,673	_	10,079	_	1,048	(20,308)		(9,181)	(20,000)	136,994
НМС	20,199	3,486	878	_	4,364	_	423	_	3,369	(3,367)	_	425	(10,103)	14,885
Pension liability	₽150,611	₽50,635	₽8,539	₽–	₽59,174	₽-	₽31,116	₽_	₽33,067	(₽46,730)	(₱371)	₽17,082	( <del>P</del> 56,810)	₽170,057



December 31 2014

							Decembe	r 31, 2014						
		Net benefit of	cost in consolid	ated statements	of income	_		Remeas	urements in oth	er comprehensive i	ncome			
							Return on plan	Actuarial		Actuarial				
							assets	changes	Actuarial	changes arising				
							(excluding	arising	changes	from				
							amount	from	arising from	changes in				
	January 1,	Current		Past		Benefits	included	demographic	experience	financial	Effect of asset			December 31,
	2014	service cost	Net interest	service cost	Subtotal	paid	in net interest)	adjustments	adjustments	assumptions	ceiling	Subtotal	Contributions	2014
RTN	₽394,228	₽25,712	₽19,396	₽-	₱45,108	(₱34,344)	₽_	(₱230)	₽7,872	(₱28,655)	₽-	(₱21,013)	₽-	₽383,979
TMC	241,256	22,205	11,508	_	33,713	(8,618)	-	-	4,864	(21,869)	_	(17,005)	_	249,346
HMC	20,135	3,259	1,015	1,795	6,069	(1,093)	_	_	2,014	(2,725)	_	(711)	_	24,400
Defined benefit liability	655,619	51,176	31,919	1,795	84,890	(44,055)	=	(230)	14,750	(53,249)	=	(38,729)	=	657,725
RTN	(354,041)	-	(17,340)	-	(17,340)	34,344	(22,242)	-	-	-	-	(22,242)	(31,141)	(390,420)
TMC	(77,135)	-	(4,342)	=	(4,342)	8,618	(3,585)	=	=	=	=	(3,585)	(36,400)	(112,844)
HMC	_	-	(102)	_	(102)	_	-	-	-	(67)	_	(67)	(4,032)	(4,201)
Fair value of plan assets	(431,176)	-	(21,784)	_	(21,784)	42,962	(25,827)	_	-	(67)	_	(25,894)	(71,573)	(507,465)
RTN	_	-	-	=	-	=	=	=	=	-	351	351	=	351
TMC	_	-	_	_	-	_	_	-	-	_	_	_	_	_
HMC	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Restrictions on asset recognized	_	-	_	_	-	_	_	-	-	_	351	351	_	351
RTN	40,187	25,712	2,056	=	27,768	=	(22,242)	(230)	7,872	(28,655)	351	(42,904)	(31,141)	(6,090)
TMC	164,121	22,205	7,166	_	29,371	_	(3,585)	_	4,864	(21,869)	_	(20,590)	(36,400)	136,502
HMC	20,135	3,259	913	1,795	5,967	(1,093)	_	_	2,014	(2,792)	_	(778)	(4,032)	20,199
Pension liability (asset)	₽40,187	₽25,712	₽2,056	₽_	₽27,768	₽_	(₱22,242)	(₱230)	₽7,872	(₱28,655)	₽351	(₱42,904)	(₱31,141)	(₱6,090)
Pension liability	₽184,256	₽25,464	₽8,079	₽1,795	₽35,338	(₱1,093)	(₱3,585)	₽-	₽6,878	(₱24,661)	₽_	( <del>P</del> 21,368)	( <del>P</del> 40,432)	₽156,701

						December 31, 201	3					
	N	et benefit cost in o	consolidated stateme	ents of income			Remeasureme	ents in other comprehe	nsive income			
	_							Actuarial			<del>-</del>	
						Return on plan	Actuarial changes	changes arising				
						assets (excluding	arising from	from changes in				
	January 1,	Current			Benefits	amount included	experience	financial	Effect of asset			December 31,
	2013	service cost	Net interest	Subtotal	paid	in net interest)	adjustments	assumptions	ceiling	Subtotal	Contributions	2013
RTN	₽306,001	₽24,601	₽20,715	₽45,316	( <del>P</del> 20,691)	₽-	₽9,492	₽54,110	₽_	₽63,602	₽_	₽394,228
TMC	171,213	21,501	10,769	32,270	(5,206)	_	(159)	43,138	=	42,979	=	241,256
Defined benefit liability	477,214	46,102	31,484	77,586	(25,897)	=	9,333	97,248	=	106,581	=	635,484
RTN	(370,170)	-	(24,360)	(24,360)	20,691	19,797	=-	-	-	19,797	-	(354,042)
TMC	(69,460)	_	(4,520)	(4,520)	5,206	1,640	_	_	-	1,640	(10,000)	(77,134)
Fair value of plan assets	(439,630)	=	(28,880)	(28,880)	25,897	21,437	=	=	=	21,437	(10,000)	(431,176)
RTN	7,183	-	487	487	-	-	=	-	(7,670)	(7,670)	-	=
TMC	_	_	_	-	_	_	_	_	_	_	-	_
Restrictions on asset recognized	7,183	=	487	487	=	=	=	=	(7,670)	(7,670)	=	=
RTN	(56,986)	24,601	(3,158)	21,443	-	19,797	9,492	54,110	(7,670)	75,729	-	40,186
TMC	101,753	21,501	6,249	27,750	=	1,640	(159)	43,138	=	44,619	(10,000)	164,122
Pension liability	₽44,767	₽46,102	₽3,091	₽49,193	₽	₽21,437	₽9,333	₽97,248	(₱7,670)	₱120,348	(₱10,000)	₽204,308



Changes in unfunded pension liability as at December 31, 2015, 2014 and 2013 are as follows:

	1	Net benefit cost in o	consolidated stateme	nts of income	Remeasurements in other comprehensive income					
	_				_		Actuarial			
						Actuarial	changes	Actuarial		
						changes arising	arising	changes arising		
						from changes in	from	from changes in		
	January 1,	Current			Benefits	demographic	experience	financial		December 31,
	2015	service cost	Interest cost	Subtotal	paid	assumptions	adjustments	assumptions	Subtotal	2015
NAC	₽34,850	₽5,709	₽1,979	₽7,688	₽-	₽-	(₽1,010)	(₽1,885)	( <del>P</del> 2,895)	₽39,643
CMC	39,787	3,882	2,145	6,027	(295)	(5,581)	(2,086)	2,527	(5,140)	40,379
Pension liability	₽74,637	₽9,591	₽4,124	₽13,715	(₽295)	( <del>P</del> 5,581)	( <del>P</del> 3,096)	₽642	( <del>P</del> 8,035)	₽80,022

	December 31, 2014									
	]	Net benefit cost in c	onsolidated statemer	nts of income		Remeasurements in other comprehensive income				
	· <u> </u>					Actuarial		Actuarial		
						changes arising	Actuarial	changes arising		
						from changes in	changes arising	from changes in		
	January 1,	Current			Benefits	demographic	from experience	financial		December 31,
	2014	service cost	Interest cost	Subtotal	paid	assumptions	adjustments	assumptions	Subtotal	2014
NAC	₽23,214	₽14,447	₽1,117	₽15,564	₽_	₽1,373	(₱2,609)	(₱2,692)	(₱3,928)	₽34,850
CMC	31,418	3,685	1,480	5,165	(2,036)	(1,636)	10,379	(3,503)	5,240	39,787
Pension liability	₽54,632	₽18,132	₽2,597	₽20,729	(₱2,036)	(₱263)	₽7,770	(₱6,195)	₽1,312	₽74,637

	December 31, 2013									
		Net benefit cost in	n consolidated statem	ents of income		Reme	asurements in other	comprehensive inco	me	
					•	Actuarial		Actuarial		
						changes arising	Actuarial	changes arising		
						from changes in	changes arising	from changes in		
	January 1,	Current			Benefits	demographic	from experience	financial		December 31,
	2013	service cost	Interest cost	Subtotal	paid	assumptions	adjustments	assumptions	Subtotal	2013
NAC	₽-	₽4,382	₽-	₽4,382	₽-	₽-	₽18,832	₽–	₽18,832	₽23,214
CMC	24,986	2,943	1,579	4,522	(648)	(4,428)	1,192	5,794	2,558	31,418
HMC	9,794	1,746	648	2,394	_	_	5,164	2,783	7,947	20,135
Pension liability	₽34,780	₽9,071	₽2,227	₽11,298	( <del>P</del> 648)	( <del>P</del> 4,428)	₽25,188	₽8,577	₽29,337	₽74,767



The main categories of plan assets as a percentage of the fair value of total plan assets follow:

2015	RTN	TMC	HMC
Fixed income securities	50.83%	85.33%	73.93%
Investments in shares of stock	14.87%	1.08%	20.38%
Others	34.30%	13.59%	5.69%
	100.00%	100.00%	100.00%
2014	RTN	TMC	HMC
Fixed income securities	59.58%	74.12%	64.95%
Investments in shares of stock	14.95%	4.67%	15.66%
Others	25.47%	21.21%	19.39%
	100.00%	100.00%	100.00%

The overall expected rate of return on assets is determined based on the market expectations prevailing on that date, applicable to the period over which the obligation is to be settled.

The principal assumptions used in determining the pension asset (liability) for the Group's plans are shown below:

2015	NAC	RTN	TMC	HMC	CMC
Discount rate	6.33%	6.44%	6.01%	6.43%	5.85%
Expected salary increase rate	5.00%	5.00%	10.00%	5.00%	5.00%
2014	NAC	RTN	TMC	HMC	CMC
Discount rate	5.68%	5.76%	5.41%	5.70%	5.39%
Expected salary increase rate	5.00%	5.00%	10.00%	5.00%	5.00%
2013	NAC	RTN	TMC	HMC	CMC
Discount rate	4.81%	6.40%	4.77%	5.04%	4.71%
Expected salary increase rate	5.00%	5.00%	10.00%	5.00%	5.00%

Assumptions regarding future mortality rate are based on the 2001 CSO Table - Generational developed by the Society of Actuaries, which provides separate rates for males and females.

The sensitivity analysis below has been determined based on reasonably possible changes of each significant assumption on the defined retirement benefits liability as at the end of the financial reporting period, assuming all other assumptions were held constant:

	Increase		
	(decrease)	2015	2014
Discount rates	+100 basis points	<b>(₽72,950)</b>	( <del>₽</del> 69,280)
	-100 basis points	77,483	82,713
Salary increase rate	+100 basis points	₽69,222	₽74,068
	-100 basis points	(67,554)	(63,677)

As at March 15, 2016, the Group has not yet reasonably determined the amount of 2016 contributions to the retirement fund.



Shown below is the maturity analysis of the undiscounted benefit payments:

	2015	2014
Within the next twelve (12) months	₽75,052	₽89,746
Between two (2) and five (5) years	176,042	187,308
Between six (6) and ten (10) years	303,511	339,706
Total expected payments	₽554,605	<b>₽</b> 616,760

The average duration of the pension liability as at December 31, 2015 and 2014 is 12.8 years and 14.3 years, respectively.

#### 36. Income Taxes

The provision for current income tax shown in the consolidated statements of income includes the Regular Corporate Income Tax (RCIT) of RTN, TMC, HMC, CMC and MEI, Gross Income Tax (GIT) of RTN and TMC and Minimum Corporate Income Tax (MCIT) of NAC, CEXCI and Geogen in 2015, RCIT of HMC, TMC, RTN, CMC and LCSLC, GIT of TMC and RTN and MCIT of NAC and CEXCI in 2014 and RCIT of HMC, TMC and RTN, GIT of TMC and RTN and MCIT of NAC, CMC and LCSLC in 2013, as follows:

	2015	2014	2013
RTN	₽635,063	₽1,287,084	₽321,338
TMC	583,088	1,623,117	345,837
CMC	197,325	585,702	7,819
HMC	173,753	736,995	487,825
NAC	13,562	7,899	6,574
MEI	2,937	_	_
Geogen	20	_	_
CExCI	2	3	_
LCSLC	_	24,668	111
	₽1,605,750	₽4,265,468	₽1,169,504

All other companies under the Group were in a gross and net taxable loss positions in 2015, 2014 and 2013.



The reconciliation between the provisions for (benefit from) income tax computed at the statutory income tax rates and the provision for (benefit from) income tax computed at the effective income tax rates as shown in the consolidated statements of income follows:

	2015	2014	2013
Income tax at statutory rates from			_
non-Philippine Export Zone			
Authority (PEZA) registered			
activities	<b>₽2,621,842</b>	₽7,444,331	₽1,785,374
Income tax at statutory rates from			
PEZA registered activities	(2,168)	475	(4,554)
Add (deduct) tax effects of:			
Dividend income exempt			
from income tax	(903,049)	(2,706,217)	(534,152)
Movements in deductible			
temporary differences for			
which deferred income			
taxes were recognized	(66,001)	(68,349)	(73,938)
Interest income subjected to			
final tax	(48,237)	(47,373)	(46,249)
Nondeductible expenses	43,767	17,029	13,032
Expired net operating loss			
carry over (NOLCO) and			
excess of MCIT over	20.012	10.026	27.767
RCIT	29,013	10,826	37,767
Realized benefit from ESOP	(10.205)	((5,505)	
exercised	(10,207)	(65,505)	_
Change in unrecognized deferred income tax			
	(2.401)	(520)	( 205
assets Gain on revaluation of	(2,481)	(530)	6,295
AFS financial asset		(208,294)	
Benefits from availment of	_	(200,294)	_
optional standard			
deduction		(80,089)	(56,877)
Others	<b>4,807</b>	(3,477)	(30,877) $(2,483)$
Income tax at effective rates	₽1,667,286	<del>1</del> 4,292,827	<u>(2,483)</u> ₱1,124,215
medine tax at effective rates	£1,007,200	T4,272,02/	±1,124,213



The components of the Group's net deferred income tax assets and liabilities follow:

	2015	2014
Deferred income tax assets:		
At 30%		
Pension costs	₽80,677	₽74,689
Unrealized foreign exchange gains - net	(69,421)	(37,237)
Provision for mine rehabilitation	, ,	, ,
and decommissioning	38,429	36,100
Allowance for impairment losses on:	•	ŕ
Inventories	31,337	46,097
Trade and other receivables	4,549	8,482
Deferred mine exploration costs	1,507	1,507
Property and equipment	, <u>–</u>	29,546
Costs of share-based payment plan	30,637	13,308
Excess of MCIT over RCIT	28,036	14,474
Undepleted asset retirement obligation	(11,649)	(11,760)
NOLCO	8,549	83,502
Unrealized valuation losses (gains) on AFS	,	•
financial assets	6,059	(59,376)
Accrued SDMP costs	<del>-</del>	174
Others	1,096	4,714
At 5%		
Deferred income	3,579	3,790
Unrealized foreign exchange gains - net	(125)	(43)
	₽153,260	₽207,967
Deferred income tax liabilities at 30%:		
Fair value adjustment arising from business		
combination	251,590	<del>-</del>
Asset revaluation surplus	160,676	164,063
Long-term stockpile inventory	160,412	223,026
Share in cumulative translation		
adjustment (see Note 11)	70,012	33,961
Unamortized debt issue costs	2,899	_
Others	1,782	
	₽647,371	₽421,050



The Group did not recognize deferred income tax asset on the following temporary differences since the management believes that it is not probable that sufficient taxable profit will be available against which the benefits of the deferred income tax assets can be utilized in the future.

	2015	2014
NOLCO	₽265,225	₽77,171
Allowance for impairment losses	245,422	159,741
Unrealized foreign exchange losses	111,150	_
Provision for mine rehabilitation and		
decommissioning	31,989	_
Excess of MCIT over RCIT	1,317	5
Others	59	(144)
	₽655,162	₽236,773

As at December 31, 2015 and 2014, the Group, except for FEI, has NOLCO and excess of MCIT over RCIT that can be claimed as deduction from future taxable income and income tax liabilities, respectively, as follows:

		NOLCO		Excess of MCIT	over RCIT
Year Incurred	Year of Expiration	2015	2014	2015	2014
2015	2018	₽180,927	₽_	₽13,584	₽_
2014	2017	75,024	30,861	8,374	7,902
2013	2016	36,688	24,337	7,395	6,575
2012	2015	_	299,421	-	2
		₽292,639	₽354,619	₽29,353	₽14,479

As at December 31, 2015 and 2014, FEI has NOLCO that can be claimed as deduction from future taxable income as follows:

		NOLCO	
Year Incurred	Year of Expiration	2015	2014
2015	2020	₽191	₽_
2014	2019	146	146
2013	2018	272	272
2012	2017	267	267
2011	2016	208	208
		₽1,084	₽893

Movements in NOLCO are as follows:

	2015	2014
Balances at January 1	₽355,512	₽530,357
Additions	120,823	31,007
Acquisition of subsidiaries	116,809	_
Applications	(247,909)	(169,834)
Expirations	(51,512)	(36,018)
Balances at December 31	₽293,723	₽355,512



Movements in excess of MCIT over RCIT are as follows:

	2015	2014
Balances at January 1	<b>₽</b> 14,479	₽26,462
Additions	13,584	7,902
Acquisition of subsidiaries	1,357	_
Applications	(65)	(19,864)
Expirations	(2)	(21)
Balances at December 31	₽29,353	₽14,479

## 37. Financial Risk Management Objectives and Policies and Capital Management

The Group's main financial instruments are cash and cash equivalents, AFS financial assets and short-term and long-term debts. The main purpose of these financial instruments is to raise funds and maintain continuity of funding and financial flexibility for the Group. The Group has various other financial assets and liabilities such as trade and other receivables, short-term cash investment and derivative asset which are under "Prepayments and other current assets", loan receivable, MRF, SDMP funds, long-term negotiable instrument, restricted cash and cash held in escrow which are under "Other noncurrent assets", trade and other payables and long-term payable which arise directly from its operations and investing and financing activities.

The main risks arising from the Group's financial instruments are credit risk, liquidity risk and market risk. The BOD reviews and approves policies for managing each of these risks and they are summarized below.

#### Credit Risk

Credit risk is the risk that a counterparty will not meet its obligations under a financial instrument or customer contract, leading to a financial loss. The Group is exposed to credit risk from its operating activities (primarily for trade receivables) and from its investing activities, including deposits with banks and financial institutions, foreign exchange transactions and other financial instruments.

In managing credit risk on investments, capital preservation is paramount. The Group trades only with recognized, reputable and creditworthy third parties and/or transacts only with institutions and/or banks which have demonstrated financial soundness, thus there is no requirement for collateral. It is the Group's policy that all customers who wish to trade on credit terms are subject to credit verification procedures. In addition, receivable balances are monitored on an ongoing basis with the result that the Group's exposure to bad debts is not significant. Except for the impaired trade and other receivables, the Group assessed the loans and receivables as collectible and in good standing.

For investments in debt instruments, funds are invested in highly recommended, creditworthy debt instruments that provides satisfactory interest yield and capital appreciation. Investments in foreign and local equity funds are made in mutual funds with investments in A-rated companies with good dividend track record as well as capital appreciation. The investment portfolio mix between debt and equities is reviewed regularly by the Chief Finance Officer and Risk Committee.



#### Credit Risk Exposure

With respect to credit risk arising from cash and cash equivalents, trade and other receivables, AFS financial assets, derivative asset and short-term cash investment which are under "Prepayments and other current assets" and loan receivable, MRF, SDMP funds, long-term negotiable instrument, restricted cash and cash held in escrow which are under "Other noncurrent assets", the Group's exposure to credit risk arises from default of the counterparty, with a maximum exposure equal to the carrying amount of these instruments.

## Credit Quality and Aging Analyses of Financial Assets

The credit quality and aging analysis of the Group's financial assets as at December 31, 2015 and 2014 are summarized in the following tables:

	Neither			
	Past Due Nor	<b>Past Due But</b>	Past Due and	
	<b>Impaired</b>	Not Impaired	Individually	
2015	(High)	(30-180 days)	Impaired	Total
Cash and cash equivalents	₽7,069,343	₽_	₽_	₽7,069,343
Cash with banks	1,531,544	_	_	1,531,544
Cash under manager funds	199,300	_	_	199,300
Short-term cash investments	5,338,499	_	_	5,338,499
Trade and other receivables	769,571	124,299	19,388	913,258
Trade	463,904	94,258	17,323	575,485
Loan and notes receivable	157,896	_	_	157,896
Receivable from CBNC	18,138	30,035	_	48,173
Interest receivable	40,448	_	_	40,448
Advances to Ludgoron	23,394	_	_	23,394
Amounts owed by				
related parties	15,964	_	_	15,964
Others	49,827	6	2,065	51,898
Prepayments and other				
current assets	_	_	_	_
Short-term cash investment	_	_	_	_
Derivative asset	_	_	_	_
AFS financial assets	5,831,037	_	_	5,831,037
Quoted debt securities	4,377,774	_	_	4,377,774
Quoted equity securities	1,250,444	_	_	1,250,444
Unquoted equity securities	202,819			202,819
Other noncurrent assets	1,146,393	_	_	1,146,393
Loan receivable - net of				
current portion	842,104			842,104
MRF	214,932	_	_	214,932
SDMP funds	59,264	_	_	59,264
Long-term negotiable				
instrument	30,000	_	_	30,000
Restricted cash	93	_	_	93
Cash held in escrow	_	_	_	_
	₽14,816,344	₽124,299	₽19,388	₽14,960,031



2014	Neither Past Due Nor	Past Due But Not Impaired	Past Due and Individually	T 1
2014	Impaired (High)	(30-180 days)	Impaired	Total
Cash and cash equivalents	₱13,550,570	₽_	₽_	₱13,550,570
Cash with banks	1,213,585	_	_	1,213,585
Cash under managed funds	4,394	_	_	4,394
Short-term cash investments	12,332,591	_	_	12,332,591
Trade and other receivables	1,203,111	107,736	36,317	1,347,164
Trade	756,100	98,817	25,059	879,976
Loan and notes receivable	276,342	_	_	276,342
Receivable from CBNC	30,443	8,919	_	39,362
Interest receivable	24,723	_	_	24,723
Advances to Ludgoron	_	_	_	_
Amounts owed by				
related parties	4,493	_	_	4,493
Others	111,010	_	11,258	122,268
Prepayments and other				
current assets	205,508	_	_	205,508
Short-term cash investment	200,000	_	_	200,000
Derivative asset	5,508	_	_	5,508
AFS financial assets	2,804,429	_	_	2,804,429
Quoted debt securities	2,006,838	_	_	2,006,838
Quoted equity securities	603,475	_	_	603,475
Unquoted equity securities	194,116	_	_	194,116
Other noncurrent assets	277,490	_	_	277,490
Loan receivable - net of				
current portion	_	_	_	_
MRF	178,513	_	_	178,513
SDMP funds	23,865	_	_	23,865
Long-term negotiable				
instrument	30,000	_	_	30,000
Restricted cash	, <u> </u>	_	_	, <u> </u>
Cash held in escrow	45,112	_	_	45,112
	₽18,041,108	₽107,736	₽36,317	₱18,185,161

## Credit Quality of Financial Assets

The credit quality of financial assets is managed by the Group using credit ratings and is classified into three: High grade, which has no history of default; Standard grade, which pertains to accounts with history of one or two defaults; and Substandard grade, which pertains to accounts with history of at least three (3) payment defaults.

Accordingly, the Group has assessed the credit quality of the following financial assets classified as neither past due nor impaired:

• Cash and cash equivalents, short-term cash investment, MRF, SDMP funds, restricted cash and cash held in escrow are placed in various foreign and local banks. Material amounts are held by local banks, as approved by the BOD, that have good reputation and low probability of insolvency. The rest are held by various foreign banks having a Standard and Poor's (S&P) credit rating of at least A. Management assesses the quality of these assets as high grade.



- Trade receivables, loan and notes receivable, receivable from CBNC, advances to Ludgoron, and derivative asset pertain to receivables from customers or related parties which have good financial capacity and with which the Group has already established a long outstanding and good business relationship. Management assesses the quality of these assets as high grade. Trade and other receivables which are not foreseen to be collected are classified as substandard grade.
- Interest receivables are derived from short-term cash investments which are placed in various foreign and local banks with S&P credit rating of at least A and with low probability of insolvency, respectively, are assessed as high grade. Interest receivable from AFS debt securities and long term negotiable instrument are also assessed as high grade since these are invested in companies with good reputation and sound financial condition.
- Amounts owed by related parties are advances that are due and demandable. The related parties are operating firms and/or capable of repaying the amount due. Management assesses the quality of these assets as high grade.
- Management assesses the quality of other receivables as standard grade since amounts are settled after due date.
- AFS financial assets in debt and equity securities are investments that can be traded and from companies with good financial capacity, making the investment secured and realizable.
   Management assesses the quality of these assets as high grade.
- Long-term negotiable instrument is an investment placed in a local bank with good financial capacity and with low probability of insolvency. Management assessed the quality of this asset as high grade.
- Restricted cash and cash held in escrow are trust accounts deposited in local banks with low probability of insolvency, thus are assessed as high grade.

#### Liquidity Risk

Liquidity risk arises from the possibility that the Group may encounter difficulties in raising funds to meet commitments from financial instruments.

The Group's objective is to maintain sufficient funding to finance its exploration and mining activities through internally generated funds, advances from related parties and borrowings from banks. Aside from yielding good returns, the Group ensures that investments have ample liquidity to finance operations and capital requirements. The Group considers its available funds and its liquidity in managing its long-term financial requirements. For its short-term funding, the Group's policy is to ensure that there are sufficient capital inflows to match repayments of short-term debt.



The tables below summarize the maturity profile of the Group's financial liabilities as at December 31, 2015 and 2014 based on contractual undiscounted payments.

		Less Than	Three (3) to	M (T)	
2015	On Domand	Three (3)	Twelve (12)	More Than	Total
2015 Trade and other payables	On Demand	Months	Months	One (1) Year	Total
Trade and other payables  Trade	₽356,070	₽188,207	<b>₽</b> 147,980	₽_	₽692,257
Amounts owed to related	£330,070	£100,207	£147,900	<b>r</b> -	F092,237
parties	5,142,066	_	_	_	5,142,066
Dividends payable	3,142,000	493,250	_	_	493,250
Accrued expenses	424,568	6,509	6,997	_	438,074
Retention payable	23,043	0,309	0,997	_	23,043
Interest payable	17,778	_	_	_	17,778
Others	85,550	2,016	_	_	87,566
Short-term debt	03,330	2,010	180,000	_	180,000
	_	_	100,000	_	100,000
Long-term debt Principal		21,083	103,438	3,367,397	3,491,918
Interest	_	9,732	109,478	656,902	776,112
	_	9,732	109,476	030,902	770,112
Long-term payable Carrying amount				27.641	27.641
Unamortized discount	_	_	_	27,641	27,641
Unamortized discount	₽6,049,075	₽720,797	<u>−</u>	6,359 \$\mathref{P}4,058,299	6,359 ₱11,376,064
2014	On Demand	Less Than Three (3) Months	Three (3) to Twelve (12) Months	More Than One (1) Year	Total
Trade and other payables	On Demand	Tillee (3) Wollens	Wionins	One (1) Tear	Total
Trade	₽228,897	₽380,139	₽105,976	₽_	₽715,012
Amounts owed to related	F220,097	F300,139	F103,970	1-	F/13,012
parties	_	_	_	_	_
Dividends payable	_		2,520		2,520
Accrued expenses	196,723	85,400	30,837		312,960
Retention payable	446	118	50,057	_	564
Interest payable	6,309	_	_	_	6,309
Others	11,128	2,550	129	_	13,807
Short-term debt	- 11,120	2,550	-	_	15,007
Long-term debt					
Principal	_	20,034	98,295	1,313,203	1,431,532
Interest	_	,	24,078	444,079	468,157
Long-term payable			,- / 0	,-/>	,
Carrying amount	_	_	_	_	_
Unamortized discount	_	_	_	_	_

₽488,241

₱261,835

₽1,757,282

₱443,503



₱2,950,861

The tables below summarize the maturity profile of the Group's financial assets used to manage the liquidity risk of the Group as at December 31, 2015 and 2014.

2015	On Demand	Less Than Three (3) Months	Three (3) to Twelve (12) Months	More Than One (1) Year	Total
Cash and cash equivalents				· /	
Cash on hand and with banks	₽1,535,372	₽-	₽_	₽_	₽1,535,372
Cash under managed funds	199,300	_	_	_	199,300
Short-term cash investments	5,338,499	_	_	_	5,338,499
Trade and other receivables					
Trade	463,904	94,258	_	_	558,162
Loan and notes receivable	_	´ –	157,896	_	157,896
Receivable from CBNC	30,035	18,138	_	_	48,173
Interest receivable	40,448	· –	_	_	40,448
Advances to Ludgoron	23,394	_	_	_	23,394
Amounts owed by related parties	15,964	_	_	_	15,964
Others	49,833	_	_	_	49,833
Prepayments and other current assets	,				,
Short-term cash investment	_	_	_	_	_
Derivative asset	_	_	_	_	_
AFS financial assets					
Ouoted debt securities	4,377,774	_	_	_	4,377,774
Quoted equity securities	1,250,444	_	_	_	1,250,444
Unquoted equity securities	202,819	_	_	_	202,819
Other noncurrent assets	202,017				202,017
Loan receivable - net of current portion	_	_	_	842,104	842,104
MRF	214,932			042,104	214,932
SDMP funds	59,264	_	_	_	59,264
Long-term negotiable instrument	39,204	_	_	30,000	30,000
Restricted cash	93	_	_	30,000	93
Cash held in escrow	93	_	_	_	93
Cash held in escrow	D12.002.055			D052 104	
	₽13,802,075	₽112,396	₽157,896	₽872,104	₽14,944,471
2014	On Demand	Less Than Three (3) Months	Three (3) to Twelve (12) Months	More Than One (1) Year	Total
Cash and cash equivalents					
Cash on hand and with banks	₽1,224,818	₽–	₽–	₽–	₽1,224,818
Cash under managed funds	4,394	_	_	_	4,394
Short-term cash investments	12,332,591	_	_	_	12,332,591
Trade and other receivables					
Trade	753,196	101,721	_	_	854,917
Notes receivable	_	_	276,342	_	276,342
Receivable from CBNC	8,919	30,443	_	_	39,362
Interest receivable	24,723	_	_	_	24,723
Advances to Ludgoron	_	_	_	_	_
Amounts owed by related parties	4,493	_	_	_	4,493
Others	111,010	_	_	_	111,010
Prepayments and other current assets					
Short-term cash investment	200,000	_	_	_	200,000
Derivative asset	´ _	_	5,508	_	5,508
AFS financial assets			,		,
Quoted debt securities	2,006,838	_	_	_	2,006,838
Quoted equity securities	603,475	_	_	_	603,475
Unquoted equity securities	194,116	_	_	_	194,116
Other noncurrent assets	',				.,,,,,,
Loan receivable - net of					
current portion	_	_	_	_	_
current portion MRF	- 178 513	-	-	_	- 178 513
MRF	- 178,513 23,865	- - -	- -	-	
MRF SDMP funds	178,513 23,865	- - -	- - -	- - - 30,000	178,513 23,865 30,000
MRF SDMP funds Long-term negotiable instrument		- - - -	- - - -	30,000	
MRF SDMP funds Long-term negotiable instrument Restricted cash	23,865	- - - -	- - - -	30,000	23,865 30,000
MRF SDMP funds Long-term negotiable instrument		- - - - - - - - - - - - - -	- - - - - - - - - -	- - 30,000 - - - ₽30,000	23,865



#### Market Risk

Market risk is the risk of loss to future earnings, to fair values or to future cash flows that may result from changes in the price of a financial instrument. The value of a financial instrument may change as a result of changes in foreign currency exchanges rates, commodity prices, interest rates, equity prices and other market changes.

#### Foreign Currency Risk

Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign currency exchange rates.

Transactions with companies outside the Philippines and with CBNC and THNC for the sale of saprolite and limonite ore are carried out with currencies that management believes to be stable such as the US\$.

The Group has transactional currency exposures. Such exposure arises from cash and cash equivalents, trade and other receivables, AFS financial assets, trade and other payables and long-term debt. The Group did not seek to hedge the exposure on the change in foreign exchange rates between the US\$ and the Philippine peso. The Group does not generally believe that active currency hedging would provide long-term benefits to stockholders.

To mitigate the effects of foreign currency risk, the Group ensures timely follow-up and accelerates the collection of foreign currency-denominated receivables and the settlement of foreign currency-denominated payables and loans, whenever practicable. Also, foreign exchange movements are monitored on a daily basis.

The Group's foreign currency-denominated financial assets and liabilities and their Philippine peso equivalents as at December 31, 2015 and 2014 are as follows:

2015			2014	
US\$	Peso	US\$	Peso	
Amount	Equivalent	Amount	Equivalent	
\$87,125	<b>₽</b> 4,100,579	\$150,412	₽6,726,410	
8,095	380,973	17,337	775,323	
50,444	2,373,885	18,591	831,384	
\$145,664	₽6,855,437	\$186,340	₽8,333,117	
\$110,953	₽5,221,455	\$1,518	₽67,880	
29,365	1,381,917	32,011	1,431,532	
\$140,318	₽6,603,372	\$33,529	₽1,499,412	
	\$87,125 8,095 50,444 \$145,664 \$110,953 29,365	US\$ Peso Amount Equivalent  \$87,125 ₱4,100,579  \$,095 380,973  50,444 2,373,885  \$145,664 ₱6,855,437  \$110,953 ₱5,221,455  29,365 1,381,917	US\$ Amount         Peso Equivalent         US\$ Amount           \$87,125         ₱4,100,579         \$150,412           8,095         380,973         17,337           50,444         2,373,885         18,591           \$145,664         ₱6,855,437         \$186,340           \$110,953         ₱5,221,455         \$1,518           29,365         1,381,917         32,011	

The exchange rate used for conversion of US\$1.00 to peso equivalent was ₱47.06 and ₱44.72 as at December 31, 2015 and 2014, respectively.



The sensitivity of all the Group's financial instruments to a reasonably possible change in the exchange rate, with all other variables held constant, in the Group's income before income tax (due to changes in fair value of monetary assets and liabilities) as at December 31, 2015 and 2014 follows:

	Peso Weakens	Sensitivity to
	(Strengthens)	pretax income
2015	₽0.50	₽2,673
	(0.40)	(2,138)
2014	₽0.65	₽99,327
	(0.50)	(76,405)

There is no other impact on the Group's equity other than those already affecting the consolidated statements of income.

#### Interest Rate Risk

The Group's exposure to the risk of changes in market interest rate relates to AFS quoted fixed and floating debt instruments and floating-rate long-term debt.

Floating rate instruments expose the Group to cash flow interest rate risk, whereas, fixed interest rate instruments expose the Group to fair value risk. The Group regularly monitors the market interest rate movements and manages its interest rate risks by using a mix of fixed and variable rates.

The following tables set out the carrying amount, by maturity, of the Group's financial instrument that is exposed to cash flow interest rate risk:

2015	<1 year	1-5 years	>5 years	Total
Floating rate (LIBOR plus 2%				
spread) - long-term debt	₽124,521	₽392,669	₽864,728	₽1,381,918
2014	<1 year	1-5 years	>5 years	Total
Floating rate (LIBOR plus 2% spread) -				
long-term debt	₽118,329	₽413,213	₽899,990	₽1,431,532

Management believes that cash generated from operations is sufficient to pay for its obligations under the loan agreements as they fall due. As at December 31, 2015 and 2014, the interest on the Group's long-term debt is repriced on a 180-day basis.



The sensitivity to a reasonably possible change in the interest rate (in basis points), with all other variables held constant, in the Group's income before income tax and equity as at December 31, 2015 and 2014 are as follows:

	Change in interest rate (in basis points)	Sensitivity to income before income tax	Sensitivity to equity
<b>December 31, 2015</b>			
AFS financial assets	+100		<b>(₽43,778)</b>
	-100		43,778
Long-term debt	+100	( <del>P</del> 34,823)	
	-100	34,823	
December 31, 2014			
AFS financial assets	+100		(₱20,068)
	-100		20,068
Long-term debt	+100	( <del>P</del> 14,315)	
	-100	14,315	

The impact on the Group's income before income tax is caused by changes in the interest of the floating-rate long-term debt, while the impact on the Group's equity is caused by the changes in the market value of AFS quoted debt due to interest rate movements. The impact on the Group's equity excludes the impact on transactions affecting the consolidated statement of income.

### Equity Price Risk

Equity price risk is the risk to earnings or capital arising from changes in stock prices relating to its quoted equity securities. The Group's exposure to equity price risk relates primarily to its AFS financial assets on various stocks of listed companies.

The Group's policy is to maintain the risk to an acceptable level. Movement of share price is monitored regularly to determine impact on its financial position.

The table shows the sensitivity to a reasonably possible change in equity prices of AFS quoted equity instruments as at December 31, 2015 and 2014, except equity-linked investments.

The equity impact is arrived using the reasonably possible change of the relevant market indices and the specific adjusted beta of each stock the Group holds. Adjusted beta is the forecasted measure of the volatility of a security or a portfolio in comparison to the market as a whole.

	Average change	
	in market indices	Sensitivity
	(in percentage)	to equity
2015	15.04%	₽61,539
	-15.04%	(61,539)
2014	12.39%	₽6,269
	-12.39%	(6,269)



#### Capital Management

The Group considers its equity as capital. Its primary objective in capital management is to maintain a strong credit rating in order to support its business and maximize shareholder value.

The Group manages its capital structure and makes adjustments to it, in light of changes in economic conditions. To maintain or adjust the capital structure, the Group may issue new shares or declare dividend payments to shareholders. No changes were made in the objectives, policies or processes during the years ended December 31, 2015 and 2014.

The Group monitors capital using the debt-to-equity ratio, which is total liabilities divided by equity. The Group's policy is to keep the debt-to-equity ratio to not more than 1:1. Total liabilities include trade and other payables, short-term and long-term debts, income tax payable, other current liability, deferred income tax liabilities, provision for mine rehabilitation and decommissioning, deferred income, long-term payable and pension liability.

The Group considers the following as capital:

	2015	2014
Capital stock	₽3,805,670	₽1,272,495
Stock dividends distributable	_	632,648
Additional paid-in capital	8,284,767	8,273,655
Share in cumulative translation adjustment	406,609	82,154
Net valuation gains (losses) on AFS financial assets	(134,467)	171,322
Cost of share-based payment plan	104,824	47,060
Asset revaluation surplus	32,863	33,246
Retained earnings:		
Unappropriated	12,011,607	15,673,051
Appropriated	1,000,000	1,000,000
NCI	3,901,315	3,716,715
	₽29,413,188	₽30,902,346

The table below shows the Group's debt-to-equity ratio as at December 31, 2015 and 2014.

	2015	2014
Total liabilities (a)	₽12,233,020	₽4,281,562
Equity (b)	29,413,188	30,902,346
Debt-to-equity ratio (a/b)	0.42:1	0.14:1

#### 38. Financial Instruments

The following method and assumptions were used to estimate the fair value of each class of financial instruments for which it is practicable to estimate such values:

Cash and Cash Equivalents and Short-term Cash Investment

The carrying amount of cash and cash equivalents and short-term cash investment approximate their fair values due to the short-term nature and maturity of these financial instruments.



Trade and Other Receivables, Derivative Asset, Trade and Other Payables and Short-term Debt Similarly, the carrying amounts of trade and other receivables, derivative asset, trade and other payables and short-term debt approximate their fair values due to the short-term nature of these accounts.

MRF, SDMP Funds, Long-term Negotiable Instrument, Restricted Cash and Cash held in Escrow The carrying amount of MRF, SDMP funds, restricted cash and cash held in escrow approximate their fair values since they are restricted cash with banks, which earns interest based on prevailing market rates repriced monthly. The long-term negotiable instrument also approximates its fair value since it earns interest based on long-term cash investment rate.

#### Loan Receivable

The carrying amount of loan receivable, which is the transaction price, approximates its fair value.

#### AFS Financial Assets

The fair values were determined by reference to market bid quotes as at the end of the financial reporting period. For unquoted equity securities for which no reliable basis of fair value measurement is available, these are carried at cost, less any impairment losses.

#### Long-term Debt and Long-term Payable

The fair values of long-term debt and long-term payable are based on the present value of future cash flows discounted using applicable risk free rates for similar types of loans adjusted for credit risk.

#### Fair Value Hierarchy

The Group uses the following hierarchy for determining and disclosing the fair value by valuation technique:

- Quoted prices in active markets for identical asset or liability (Level 1);
- Those involving inputs other than quoted prices included in Level 1 that are observable for the asset or liability; either directly (as prices) or indirectly (derived from prices; Level 2); and
- Those inputs for assets or liability that are not based on observable market date (unobservable inputs; Level 3).

	2015			2014			
	Level 1	Level 2	Level 3	Level 1	Level 2	Level 3	
Assets measured at fair value:						_	
AFS financial assets							
Debt securities	<b>₽</b> 4,377,774	₽_	₽_	₽2,006,838	₽–	₽_	
Equity securities	1,250,444	_	_	603,475	_	_	
	₽5,628,218	₽–	₽_	₽2,610,313	₽–	₽–	

As at December 31, 2015 and 2014, the fair value of the quoted debt and equity securities is the quoted market price at the close of the business (Level 1).

As at December 31, 2015 and 2014, there were no transfers between Level 1 and Level 2 fair value measurements and no transfers into and out of Level 3 fair value measurements.



#### 39. Significant Agreements

#### a. Loan Agreement with EPI

On August 22, 2014, the Parent Company and EPI executed a loan agreement amounting to \$\mathbb{P}551.0\$ million which was drawn in two (2) tranches. The first and second tranche of the loans amounted to \$\mathbb{P}105.0\$ million and \$\mathbb{P}446.0\$ million, respectively.

The proceeds of the first tranche loan shall be used by EPI to fund the activities preparatory to drilling and for the drilling of the initial two (2) wells under the Montelago Geothermal Project, while the second tranche loan shall be used to fund the drilling costs and related activities (to include slim or other test holes) on the said initial two (2) wells.

At the option of the Parent Company, the entire second tranche loan, and not any smaller portion thereof, may be converted into shares of stock of EPI constituting fifty-five percent (55%) of its total issued and outstanding shares, at any time before the lapse of three hundred sixty five (365) days after drawdown of the entire second tranche loan.

The loan is subject to 2% interest p.a. The first tranche of the loan is payable one year after the first drawdown on the first tranche loan or upon sale of EPI's entire shareholdings in OMCP, whichever is earlier. The second tranche loan is payable one year after the first drawdown on the second tranche loan unless the conversion right is exercised.

For and to secure the loan and the notes covering the same, EPI executed and delivered a Pledge Agreement covering its shares of stock in OMCP consisting of one hundred percent (100%) of OMCP's issued and outstanding shares.

In 2014, the first tranche loan amounting to ₱105.0 million and forty percent (40%) of the second tranche loan amounting to ₱178.4 million were already released to EPI. The remaining sixty percent (60%) of the second tranche loan amounting to ₱267.6 million were released to EPI in the first quarter of 2015. The carrying value of the loans and notes receivable from EPI as at December 31, 2015 and 2014 amounted to nil and ₱276.3 million, respectively.

On April 15, 2015, the Parent Company expressed its intention to exercise its conversion right and to convert the entire second tranche loan of \$\frac{P}{446.0}\$ million to 55% equity interest in EPI, which is equivalent to 312,888,889 common shares, subject to the SEC's approval of the increase in authorized capital stock of EPI.

On July 16, 2015, the Parent Company subscribed to an additional 11% equity interest in EPI, which is equivalent to 184,052,288 common shares, for a total consideration of \$\frac{2}{2}474.0\$ million, subject also to the approval of EPI's increase in authorized capital stock.

The increase in EPI's authorized capital stock was approved by the SEC on July 28, 2015 and the corresponding shares were subsequently issued to the Parent Company.

The first tranche loan, including interest, was paid by EPI in August 2015.



#### b. Throughput Agreements

#### THNC

On October 4, 2010, TMC and THNC executed a Throughput Agreement wherein TMC will construct the pier facilities within the TSEZ pursuant to its role as Developer. The TSEZ is located within the Surigao Mineral Reservation, an area declared for mineral development pursuant to Proclamation 391, under the supervision of the DENR that issued an "Order to Use Offshore Area" dated September 20, 2010 to TMC for the use of such portion of the Surigao Mineral Reservation for the construction of the pier facilities. In relation to this, THNC entered into a Registration Agreement with the PEZA to construct and operate a mineral processing plant within the TSEZ as an Ecozone Export Enterprise.

Under the agreement, TMC will make available the pier facilities and provide certain services to THNC in consideration for usage fees and service fees to be paid by the latter starting April 2011 until 2031, unless terminated earlier. The usage fee amounted to US\$1.3 milion for each semi-annual period to be paid on or before October 10 and April 10.

THNC also agrees to pay service fee that will be agreed upon by both parties which shall be billed on a monthly basis.

Prior to the commencement date, THNC may also request TMC to use any part of the constructed pier facilities, which is ready for use, upon payment of reasonable compensation which shall be mutually agreed by TMC and THNC.

In 2015, 2014 and 2013, service revenues from usage of pier facilities of TMC amounted to ₱123.7 million, ₱124.6 million and ₱119.3 million, respectively (see Note 34).

#### CBNC

Under the agreement, CBNC shall pay RTN the price which consists of all its direct costs for the pier facilities which includes but not limited to, financial costs, maintenance costs and tax as well as indirect costs directly used for the pier facilities and the services as agreed by the parties. CBNC shall pay to RTN in US\$, as a part of such financial costs, the amounts to be paid by RTN to SMM such as interests and loan repayments pursuant to the Omnibus Agreement made and entered into by and between RTN and SMM. The agreement shall continue for twenty-five (25) years after November 25, 2002 unless terminated earlier.

#### c. Memorandum of Understanding (MOU)

On September 14, 2009, the Parent Company and TMC entered into a MOU with SMM. Pursuant to the terms thereof, the Parent Company and SMM will move ahead on a joint venture basis to build a nickel-cobalt processing plant (the Project) using the HPAL technology to be located within the TMC's mine in Surigao del Norte, while TMC will supply low-grade nickel ore to the plant over the life of the Project. The estimated cost of the Project is US\$1,420.0 million, which further increased to US\$1,633.0 million, over a three-year construction period, which started in the last quarter of 2010. The plant will have an annual capacity of 51,000 dry metric tons of mixed nickel - cobalt sulfide over an estimated 30-year project life. The MOU provides that the equity share of the Parent Company and SMM shall be 20%-25% and 75%-80%, respectively.

Following the MOU is the Taganito HPAL Stockholders Agreement (the Agreement) entered into by the Parent Company, SMM and Mitsui, on September 15, 2010 stating that the Project will be undertaken by THNC, a company that will be jointly owned by the Parent Company, SMM and Mitsui with equity interest of 22.5%, 62.5% and 15.0%, respectively. Pursuant to



the Agreement, SMM granted THNC a non-exclusive license of technology owned by SMM to produce the products and has undertaken to provide technical assistance to THNC. The Parent Company has undertaken to cause TMC to supply THNC with nickel ore and limestone and to further cause TMC to make available to THNC the use of the land and infrastructure necessary for the production of the products while Mitsui shall assist THNC in procuring materials and equipment necessary for the mine's operations.

It also sets forth the respective rights and obligations of the Parent Company, SMM and Mitsui, including their responsibilities in respect of financing the US\$1,420.0 million, which further increased to US\$1,633.0 million, project investment that will be undertaken by THNC.

The Agreement shall terminate upon the dissolution of THNC.

On November 20, 2012, the Parent Company, SMM and Mitsui made additional investment of US\$287.2 million in the form of loans to THNC. SMM had agreed to substitute for the Parent Company to make these loans for which the Parent Company pays guarantee service fee.

On August 4, 2014 and October 4, 2013, the Parent Company, SMM and Mitsui agreed to extend another loans to THNC amounting to US\$117.7 million to cover the latter's working capital requirement and US\$90.0 million for the construction of the tailings dam, respectively.

On November 9, 2015, another loan facility in the amount of US\$120.0 million was extended by the stockholders to THNC to cover for the latter's working capital requirements.

#### d. Sales Agreements

Nickel Ore Sale Agreement with PAMCO and Sojitz (see Note 34a)

Nickel Ore Supply and Service Agreement with CBNC (see Note 34a)

*Nickel Ore Supply Agreement with THNC* (see Note 34a)

Materials Handling Agreement with THNC (see Note 34a)

*Nickel Ore Sale Agreement with SMM* (see Note 34a)

Nickel Ore Supply Agreements with Chinese Customers
HMC, CMC, RTN and TMC have ore supply agreements with a number of Chinese customers, each for a fixed tonnage at specific nickel grades and iron content.

The fixed tonnage of ore is generally the volume of expected delivery within a few months. Sale of ore to Chinese customers amounted to ₱8,629.3 million, ₱15,564.6 million and ₱7,376.7 million for the years ended December 31, 2015, 2014 and 2013, respectively.

Nickel Ore Supply Agreements with Queensland Nickel Pty Ltd (QNI)
RTN and CMC entered into agreements with QNI covering the sale of RTN and CMC's ore products at a fixed tonnage and specific nickel grade and iron content. Sale of ore to QNI amounted to ₱271.0 million in 2015, ₱198.6 million in 2014 and nil in 2013.



#### e. Mining Agreements

#### i. MPSA

#### **RTN**

On June 4, 1998, the Government approved the conversion of RTN's Mining Lease Contracts under the old mining regime into an MPSA with the Government pursuant to the Philippine Mining Act of 1995. The MPSA allows RTN to explore, develop and continue mining operations for nickel ore within the contract area covering 990 hectares in the Municipality of Bataraza, Southern Palawan Island. Under RTN's Environmental Compliance Certificate (ECC), however, 144 hectares of the contract area are excluded from mining operations, being located within an area classified as "core zone" where mining is prohibited under current regulations of the Palawan Council for Sustainable Development (PCSD).

On April 28, 2005, RTN and the Government entered into a second MPSA covering 85 hectares in the Municipality of Bataraza, which allows RTN to mine limestone in Sitio Gotok. Limestone being mined by RTN pursuant to this second MPSA is being sold to CBNC for the latter's Coral Bay HPAL plant and to a third party.

Under both MPSAs, RTN pays a two percent (2%) excise tax on gross revenues as provided in the Philippine National International Revenue Code as the Government's share in its output. Both MPSAs are valid for twenty-five (25) years from issuance and renewable for another term of not more than twenty-five (25) years at the option of RTN, with approval from the Government.

On June 20, 2003, RTN submitted an Application for MPSA covering previously approved Mining Lease Contracts over an area of 4,274 hectares within the Municipalities of Bataraza and Rizal. Most of the contract area is within the core zone and the application is pending.

On May 30, 2008, the PCSD issued a resolution interposing no objections to the revision by the Municipality of Bataraza of its Environmentally Critical Areas Network map that, among others, seeks to reclassify the core zone within the contract area into a mineral development area. The reclassification was approved by the Municipal Development Council of the Municipality of Bataraza on November 18, 2009, and subsequently approved by the Provincial Board on January 5, 2010.

On December 11, 2014, the Strategic Environmental Plan clearance from PCSD was issued to RTN which is a requirement in obtaining ECC approval from DENR. The processing of the Application for MPSA by the MGB is consequently under way.

#### **HMC**

Tagana-an Nickel Project

On July 25, 2008, the Government approved the conversion of HMC's Mining Lease Contract into an MPSA, which allows HMC to explore, develop and continue mining operations for nickel ore within the contract area covering 773.77 hectares in the Municipality of Tagana-an, Surigao del Norte. Under the MPSA, HMC pays the Government a two percent (2%) excise tax and a five percent (5%) royalty on gross revenues, as the contract area is within the Surigao Mineral Reservation. The MPSA is valid for twenty-five (25) years from issuance and renewable at the option of HMC, with approval from the Government.



#### Manicani Nickel Project

On August 13, 1992, HMC and the Government entered into an MPSA, which allows HMC to explore, develop and mine nickel ore within the contract area covering 1,165 hectares in Manicani Island, Municipality of Guian, Eastern Samar. Under the MPSA, HMC shall pay the Government a two percent (2%) excise tax, a one percent (1%) royalty and ten percent (10%) of its net revenues, defined as gross revenues less all cost items that are deductible for income tax purposes. The MPSA is valid for twenty-five (25) years from issuance and renewable at the option of HMC, with approval from the Government.

On August 2, 2004, the Regional Panel of Arbitrators of the MGB recommended the cancellation of the MPSA as a result of allegations by third parties against the operations of HMC. On September 4, 2009, the Mines and Adjudication Board of the DENR issued a decision setting aside the decision of the Panel of Arbitrators. Hence, the MPSA remains in effect. HMC is currently not conducting mining operations in Manicani.

On July 30, 2010, HMC and SNMRC entered into a Deed of Assignment and Transfer of Rights wherein HMC shall transfer all its rights, title and interest in Manicani Operations to SNMRC.

On June 1, 2014, HMC and SNMRC entered in a Mutual Rescission of Deed of Assignment. Both parties have mutually agreed to terminate the Deed and release each other from any and all responsibilities or obligations, there under, after confirming that there were no outstanding liabilities and obligations due to each other.

#### **TMC**

On July 28, 2008, the Government approved the conversion of TMC's Operating Contract into an MPSA, which allows TMC to explore, develop and continue mining operations for nickel ore within the contract area covering 4,584.51 hectares in the Municipality of Claver, Surigao del Norte. On June 18, 2009, the MPSA was amended, increasing the contract area to 4,862.71 hectares.

Under the MPSA, TMC pays the Government a two percent (2%) excise tax and a five percent (5%) royalty, as the contract area is within the Surigao Mineral Reservation. The MPSA is valid for twenty-five (25) years from issuance and renewable at the option of TMC, with approval from the Government.

#### ii. Operating Agreements

#### TMC

#### La Salle

On December 18, 2006, TMC entered into an Operating Agreement with La Salle, the holder of an Application for MPSA covering 6,824 hectares in the Municipality of Gigaquit, Surigao del Norte. The Operating Agreement allows TMC to explore, develop and mine nickel ore and limestone once the MPSA is approved, and obliges it to assist La Salle in obtaining the MPSA and to comply with the terms thereof once issued.

The Operating Agreement specifies a royalty to La Salle of five percent (5%) for nickel ore and ₱10.00 per metric ton for limestone. Upon signing of the Operating Agreement, TMC made an advance royalty payment of ₱1.0 million repayable by deductions from future royalties at a rate of 25% per year over a period of four (4) years. As at December 31, 2015, the MPSA remains pending.



On January 11, 2016, TMC issued a Notice of Exclusion of the limestone deposit from the Operating Agreement to La Salle. As at December 31, 2015, TMC has written-off the deferred charges relating to the limestone development and exploration amounting to \$\textstyle{2}5.5\$ million (see Note 31).

#### Kepha

On February 14, 2007, TMC entered into an Operating Agreement with Kepha, the holder of MPSA No. 284-2009-XII-SMR covering 6,980.75 hectares in the Municipality of Claver, Surigao del Norte. The Operating Agreement allows TMC to explore, develop and mine nickel ore and limestone and obliges it to comply with the terms of the MPSA.

The Operating Agreement specifies a royalty to Kepha of five percent (5%) for nickel ore and P10.00 per metric ton for limestone. Upon signing of the Operating Agreement, TMC made an advance royalty payment of US\$1.0 million and P6.3 million, repayable by deductions from future royalties at a rate of 10% per year over a period of ten (10) years.

On June 19, 2009, the MPSA was issued to Kepha. Under the terms thereof, upon the start of mining operations, TMC shall pay the Government a two percent (2%) excise tax and a 5% royalty, as the contract area is within the Surigao Mineral Reservation. The MPSA is valid for twenty-five (25) years from issuance and renewable at the option of Kepha, with approval from the Government. There were drilling activities related to the Kepha project in 2015 and 2014.

#### Ludgoron

On August 28, 2007, TMC entered into an Operating Agreement with Ludgoron, the holder of an MPSA with Government issued on July 27, 2007 covering a contract area of 3,248 hectares in the Municipality of Carrascal, Surigao del Sur. The Operating Agreement allows TMC to explore, develop and mine nickel ore and obliges it to comply with the terms of the MPSA.

Under the MPSA, upon the start of mining operations, TMC shall pay the Government a two percent (2%) excise tax and a five percent (5%) royalty, as the contract area is within the Surigao Mineral Reservation. The MPSA is valid for twenty-five (25) years from issuance and renewable at the option of Ludgoron, with approval from the Government.

Under the Operating Agreement, TMC shall pay Ludgoron a royalty of five percent (5%). Upon signing of the Operating Agreement, TMC made an advance royalty payment of US\$1.0 million, repayable by deductions from future royalties at a rate of ten percent (10%) per year over a period of ten (10) years. In 2009, an additional advances against royalties amounting to \$\mathbb{P}\$10.0 million was made in order to allow Ludgoron to settle a claims conflict.

On October 10, 2014, TMC rescinded and terminated the Operating Agreement with Ludgoron. TMC wrote-off its deferred charges on Ludgoron amounting to ₱1.9 million (see Note 31).

Ludgoron is obliged to return to TMC the amount of ₱66.8 million which represent advances to claimowners. Ludgoron already paid TMC an amount of ₱10.0 million and will pay additional ₱23.4 million upon approval of MGB of the transfer of the Operating Agreement to KMI. The remaining balance will be settled by Ludgoron in due time.



#### CMC

#### East Coast

On November 19, 1997, CMC entered into a Memorandum of Agreement (MOA) with East Coast, the holder of an MPSA with the Government issued on the same date covering a contract area of 697.05 hectares in the Municipality of Cagdianao, Dinagat Islands. The MOA allows CMC to explore, develop and mine nickel ore and obliges it to comply with the terms of the MPSA.

The MOA expired on November 19, 2007 and was renewed for a period of ten (10) years. In consideration, East Coast was paid ₱100.0 million upon signing of the extension which was recorded as advances against future royalties, repayable over a ten-year (10) period at a rate of ₱10.0 million per year. The MPSA is valid for twenty-five (25) years from issuance and renewable at the option of East Coast, with approval from the Government.

Under the MPSA, CMC pays the Government a two percent (2%) excise tax and a five percent (5%) royalty, as the contract area is within the Surigao Mineral Reservation.

On July 29, 2013, East Coast and CMC agreed to reduce for one (1) year period the marketing and royalty fees. Royalty payment to East Coast was reduced from seven percent (7%; net of withholding taxes) to five percent (5%) during the period. Advances against future royalties, to which the royalty payment shall be credited was also reduced from ₱10.0 million per year to ₱3.6 million and ₱6.4 million in 2013 and 2014, respectively. The repayment of advances at ₱10.0 million per year resumed in 2015 up to 2018.

Further, on December 18, 2015, CMC and East Coast executed a Supplemental Agreement to provide for the automatic renewal of the term of the MOA for another twenty-five (25) years after its expiration, or from 2022 to 2047. The MOA has not been terminated and continues to be in full force and effect subject to the supplemental terms agreed by CMC and East Coast. In consideration of the new term as well as the other conditions contained in the Supplemental Agreement, CMC agreed to lend East Coast a loan of up to ₱1,000.0 million upon fulfillment of certain conditions and pay additional royalties amounting to ₱150.0 million (see Note 39q). Thereafter, CMC shall pay East Coast commission and royalties as follows:

- Commission equivalent to 3.5% on the gross sales amount of all nickel ore;
- Royalties equivalent to either 7% or 8.75% on the gross sales amount of all nickel ore depending on the monthly average LME nickel settlement price; and
- Additional royalty ranging from ₱10.0 million to ₱50.0 million depending on CMC's audited net income after tax less the additional royalty amount.

The commission expense related to East Coast that is reported under "Marketing" amounted to ₱98.6 million, ₱109.3 million and ₱27.4 million in 2015, 2014 and 2013, respectively.

#### **BOA**

On October 12, 2004, CMC executed a MOA with Norweah Metals and Minerals Company, Inc. for the exclusive rights to explore, develop, exploit and operate the mineral property subject of MPSA No. 241-2007 covering an area of 226.0235 hectares situated in Boa, Municipality of Cagdianao, Province of Dinagat Islands, Surigao del Norte. The MOA is effective for a ten (10) year period commencing on July 12, 2007, the date the MPSA was approved.



#### f. Loan Guarantee/Substitution Agreement

#### **RTN**

Under a loan guarantee service agreement dated October 22, 2002 between RTN and SMM, the latter agreed to satisfy RTN's CBNC loan obligations in consideration of the payment by RTN to SMM of an annual fee equal to one percent (1%) of the relevant outstanding amount.

The fee is payable every February 21 and August 20 of each year. In case of default, such loan guarantee service agreement will be terminated and RTN shall provide loans to CBNC or guarantee the repayment of CBNC's loans payable. Failure to provide such loans or guarantee shall be considered a default under the CBNC Stockholder Agreement.

The loan guarantee service fee amounting to ₱0.2 million, ₱0.6 million and ₱0.9 million in 2015, 2014 and 2013, respectively, is recorded under "Finance expense" in the consolidated statements of income (see Note 30).

#### **NAC**

Under a loan guarantee/substitution agreement dated December 9, 2011 between the Parent Company and SMM, the latter agreed to substitute for the Parent Company to make loans or guarantee the repayment of THNC pursuant to the Stockholders Agreement dated September 15, 2010.

In consideration of the loans and guarantee made by SMM, the Parent Company shall pay to SMM an annual fee equal to one percent (1%) of the relevant outstanding amount, which is payable every February 21 and August 21 of each year.

On January 26, 2015, December 18 and December 3, 2013, the Parent Company and SMM entered into another loan guarantee/substitution agreement with respect to the new loan agreement made and entered by THNC and SMM on August 4, 2014, December 3 and January 31, 2013, respectively. The annual fee is also equal to 1% of the relevant outstanding amount, which is payable every March 21 and September 21 of each year.

In case of default, such loan guarantee/substitution agreements will be terminated and the Parent Company shall provide loans to THNC or guarantee the repayment of THNC's loans payable. Failure to provide such loans or guarantee shall be considered a default under the Stockholders' Agreement.

The loan guarantee service fee amounting to ₱124.0 million, ₱134.2 million and ₱103.3 million in 2015, 2014 and 2013, respectively, is recorded under "Finance expense" in the consolidated statements of income (see Note 30).

## g. <u>Power Supply Agreement (PSA) with Surigao Del Norte Electric Cooperative, Inc.</u> (SURNECO)

On October 31, 2013, the Parent Company and SURNECO signed a fifteen (15) year PSA. Under the terms of the PSA, the Parent Company has agreed to construct, operate, and maintain a 10MW bunker-fired diesel power station under build-operate-transfer scheme and to supply electricity to SURNECO.

The target effectivity date of the PSA shall be five (5) months from the signing date and the target commercial operation date shall be nine (9) months from the effectivity date of the PSA. The total estimated cost to construct the 10MW bunker-fired diesel power station is about \$\mathbb{P}\$1,000.0 million, which was appropriated from its retained earnings (see Note 19).



#### h. Service Contracts

Solar Energy Service Contract No. 2015-01-099

On January 20, 2015, EPI entered into a SESC No. 2015-01-099 with the Department of Energy (DOE) which grant EPI the right to explore, develop and utilize the solar energy resources within the contract area of 324 hectares in the province of Pili, Camarines Sur. Under the SESC, EPI assumes all the technical and financial risks without any guarantee from the Philippine Government and shall not be entitled to reimbursement for any expense incurred in connection with the SESC. The SESC carries a non-extendible two (2) year period of pre-development stage, which involves the preliminary assessment and feasibility study. The SESC shall remain in force for the remainder of twenty-five (25) years from date of effectivity if the solar energy resources are discovered to be in commercial quantities. If EPI has not been in default of any material obligations under the SESC, the DOE may grant EPI an extension of the SESC for another twenty-five (25) years. The full recovery of the project development costs incurred in connection with the SESC is dependent upon the discovery of solar energy resources in commercial quantities from the contract area and the success of future development thereof.

#### Solar Energy Service Contract No. 2013-10-039

On October 31, 2013, Jobin entered into a SESC with the DOE. The SESC covers an area of approximately 2,997 hectares in the municipalities of Morong and Hermosa, in the province of Bataan. The SESC is for a period of twenty-five (25) years, inclusive of a two (2) year predevelopment stage, and renewable for another twenty-five (25) years. The government share under the SESC shall be 1% of the gross income from the sale of electricity in the solar project.

On August 28, 2015, Jobin was granted a Certificate of Confirmation of Commerciality by the DOE for its 100.44 MW Sta. Rita solar power project located in Mt. Sta Rita, Subic Bay Freeport Zone. The certificate converts the project's SESC from exploration/pre-development stage to the development/commercial stage. Jobin will commence operations in 2016.

#### Wind Energy Service Contract No. 2013-10-062

On October 31, 2013, Jobin entered into a WESC with the DOE. The WESC covers an area of approximately 2,997 hectares in the municipalities of Morong and Hermosa, in the province of Bataan. The WESC is for a period of twenty-five (25) years, inclusive of a three (3) year pre-development stage, and renewable for another twenty-five (25) years. The government share under the WESC shall be 1% of the gross income from the sale of electricity in the wind project.

#### Geothermal Renewable Energy Service Agreement No. 2014-02-054

GRESC No. 2010-02-013, which covers an approximate area of 3,914 hectares in the three barangays of Montelago, Montemayor and Melgar-B in Oriental Mindoro, involves the development of geothermal well clusters and a power plant. The steam extracted from the geothermal wells will power a geothermal power station with an output capacity of 40MW. Once completed, the addition of geothermal power into the present mix of Mindoro's electricity sources will have a stabilizing effect on the grid where the entire island is located.

The Project is in the exploration stage as at December 31, 2015.

As Renewable Energy (RE) Developer, EPI undertakes to provide financial, technical, or other forms of assistance with the DOE, and agrees to furnish the necessary services, technology, and financing for the geothermal operations. EPI shall assume all financial risks such that if



no geothermal resources in commercial quantity is discovered and produced, EPI shall not be entitled to reimbursement for any expenses incurred in connection with the GRESC.

GRESC 2014-02-054 shall remain in force for the remainder of twenty-five (25) years from date of effectivity if geothermal resources in commercial quantity are discovered during the pre-development stage, or any extension thereof. Moreover, if EPI has not been in default in its obligations under the GRESC, the DOE may grant an additional extension of twenty-five (25) years, provided that the total term is not to exceed fifty (50) years from the date of effectivity.

On November 24, 2014, EPI and MGPC entered into a Deed of Assignment for the assignment of EPI's rights and obligations under the GRESC to MGPC. On December 5, 2014, EPI applied with the DOE to transfer the GRESC to MGPC. The DOE approved EPI's application on February 16, 2016 under GRESC No. 2016-02-060.

#### i. Sub-transmission Service Agreement (SSA) with PALECO

In 2015, EPI entered into a SSA with PALECO for the installation of 69kV sub-transmission facilities and associated components (substations), and the connection of said facilities to PALECO's distribution system for the delivery of reliable power supply to the municipalities of El Nido, Taytay, San Vicente and Roxas (the "Municipalities"). Under the SSA, EPI shall develop, design, construct, install, test and commission, and finance the sub-transmission lines and substations in the Municipalities. Commencing on the completion date and continuing up to the 20th year from effective date, as defined in the SSA, PALECO shall pay monthly fees of ₱15.0 million, plus any VAT and any other applicable taxes, fees and charges. PALECO shall also pay EPI a payment security equivalent to one month monthly fee, which shall be in the form of a 30-day revolving letter of credit from a financial institution and with a maturity of 365 days.

#### j. PSAs with PALECO

Bunker Supply

In July 2015, EPI and PALECO entered into a PSA for the supply of electricity, which will be generated from modular and land-based bunker-fired power stations (collectively, the "Bunker Power Stations" with a contracted capacity of 15MW or up to 25MW). Under the PSA, EPI shall design, develop, construct, complete, test and commission, operate and maintain the Bunker Power Stations, as well as all activities related or incidental thereto. Commencing on the completion date and continuing up to the 20th year from effective date, as defined in the PSA, PALECO shall pay EPI an amount equal to the summation of the Bunker Power Costs of the Generating Units plus Reserve Power Costs, plus any VAT and any other applicable taxes, fees, and charges. PALECO shall also pay EPI a payment security, as defined in the PSA.

#### Solar Supply

In 2015, EPI entered in a PSA with PALECO for the construction and development of a 10MW AC Solar Photovoltaic Power Station (the "Solar PV Power Station"). Under the PSA, EPI shall design, engineer, develop, construct, complete, test, commission, finance, operate and maintain the Solar PV Power Station and all activities related or incidental thereto of PALECO. All costs in connection with the building of the Solar PV Power Station shall be borne by EPI, and shall be responsible for arranging all necessary funding including any available preferential credit. During the commissioning date, PALECO shall pay EPI, a Commissioning Output at a rate equivalent to the adjusted operation and maintenance component plus any VAT and any other applicable taxes, fees, and charges. Following the commercial operation date and continuing up to the 20th year from effective date, as defined



in the PSA, PALECO shall pay EPI monthly fees equal to the capital recovery fee of the Solar PV Power Station plus fixed operations and maintenance fee and any VAT and any other applicable taxes.

As at December 31, 2015, costs incurred under the SSA, Bunker and Solar PSAs amounted to \$\mathbb{P}\$16.7 million and are presented under "Property and equipment" account in the statements of financial position (see Note 9).

#### k. Assignment of GRESC from Constellation Energy Corp. (CEC) to EPI

On January 18, 2013, EPI entered into a MOA with CEC wherein the parties agreed that the former, eventually through a Project Company, shall develop and undertake the 20 MW Geothermal Power Plant Project (Project) initially developed by CEC by virtue of the GRESC No. 2010-02-013 granted by the DOE. On the same date, the parties entered into a Deed of Assignment for the assignment of CEC's rights and obligations under the GRESC to EPI.

In consideration of the pre-development and preparations made by CEC to the Project, including the assignment of the GRESC, EPI agreed to compensate CEC the aggregate amount of US\$2.5 million (Development Fee) which shall be payable as follows:

Award of the bid from Oriental Mindoro Electric Cooperative	
(ORMECO)	US\$250
Signing of the PSA with ORMECO	500
Issuance by the Energy Regulatory Commission (ERC) of a	
Provisional Authority or Final Authority on the PSA	1,750
	US\$2,500

In addition to the Development Fee and subject to certain provisions of the MOA, EPI agreed that it shall provide the funding, at no cost whatsoever to CEC, for CEC's subscriptions to five percent (5%), at maximum, of the aggregate common shares of the Project Company. The subscriptions will be based on the following conditions:

- If the projected return of investments (ROI) is less than the expected ROI of 20MW for at least twenty-five (25) years, CEC will assign all its shares in the Project Company to EPI.
- If the projected ROI is greater than or equal to the expected ROI, CEC will assign its shares in the Project Company in proportion to the ratio of the difference between projected ROI and expected ROI, to EPI.

In compliance with the above provisions of the MOA and Deed of Assignment:

- On January 25, 2013, EPI applied with the DOE to officially register EPI as RE Developer and effectively recognize EPI's ownership of the GRESC. The DOE approved EPI's application on February 14, 2014.
- On February 3, 2014, EPI was awarded the bid from and has signed the PSA with ORMECO. In the same period, the amount of US\$750,000 was paid to CEC.
- On November 3, 2014 and December 1, 2014, EPI was granted by the ERC Final Authority on the PSAs with Occidental Mindoro Electric Cooperative (OMECO) and ORMECO, respectively. However, EPI filed a motion for reconsideration (Motion) because certain terms are not acceptable to EPI. As at December 31, 2015, the Motion is still pending with the ERC. Accordingly, the amount of US\$1,750,000 remains unpaid as at December 31, 2015.
- On May 7, 2014, EPI incorporated MGPC as the Project Company.



#### 1. Participation and Shareholder's Agreement

In May 2011, the Parent Company and SMM signed a Participation and Shareholders' Agreement containing terms of SMM's expected equity participation in CExCI. Under the terms of the Agreement, SMM will invest US\$1.5 million in CExCI for twenty five percent (25%) equity. Once such funds have been exhausted, SMM has the option to invest US\$2.8 million for an additional fifteen percent (15%) equity which would bring its total equity in CExCI to forty percent (40%). SMM did not exercise its option to make the additional investment and the said agreement was terminated.

CExCI has identified a new property for exploration and development in the province of Zambales under Newminco, which is prospective for gold and copper. In relation to this, SMM will put up an additional US\$2.8 million to increase its ownership from 25% to 40%, thus on November 24, 2015, the shareholders of CExCI agreed to enter into a new Participation and Shareholders' Agreement to set out the rights and obligations of the shareholders in relation to the conduct of the business of CExCI. The new agreement also causes CExCI to convert the existing advances from shareholders amounting to \$\mathbb{P}37.2\$ million into equity, based on the initial equity proportion of shareholders, by issuing shares out of the unissued authorized capital stock of CExCI at a premium. As at December 31, 2015, CExCI is still in the process of filing the application for the conversion of advances into equity with the SEC.

On December 18, 2015, the BOD of CExCI approved the increase in authorized capital stock of the latter. Upon approval of the SEC of the application for increase in authorized capital stock of CExCI, the additional investment of SMM amounting to US\$2.8 million, which is equivalent to ₱131.9 million, will be converted into equity. After the conversion, the Parent Company and SMM's equity in CExCI shall be 57% and 40%, respectively.

#### m. Marketing Agreement with Mitsubishi Corporation (Mitsubishi)

RTN, TMC, HMC and CMC entered into a Marketing Agreement with Mitsubishi, wherein the latter will provide the services set forth below:

- a) To use its reasonable endeavors in collecting, studying and analyzing the market information related to nickel ore, iron ore, nickel pig iron, and stainless steel;
- b) To periodically report market information defined in the marketing agreement;
- To make efforts to introduce customers to RTN, TMC, HMC and CMC and provide support to the Group in negotiating the price and terms and conditions of sales contracts of the products by and between the Group and customers; and
- d) To monitor and assess trends of customers and support RTN, TMC, HMC and CMC to create an effective pricing strategy and marketing plan.

Marketing fees of three and a half percent (3.5%) shall be charged to RTN, TMC, HMC and CMC based on the total amount of revenue on free-on-board price stated in the invoices issued by RTN, TMC, HMC and CMC to each customer.

Marketing fees charged by Mitsubishi amounted to ₱31.6 million, ₱59.6 million and ₱38.2 million in 2015, 2014 and 2013, respectively.



#### n. <u>Lease Agreements</u>

Lease of Project Area from Subic Bay Metropolitan Authority (SBMA)

Jobin entered into a fifty (50) year lease agreement with SBMA for the use of the 800-hectares project area of the solar and wind projects at Mt. Sta. Rita in Subic.

Jobin also agreed to various investment and social commitments as follows:

- infuse an investment at around US\$200.0 million on the leased areas in the form of the lessee's machineries, equipment, parts, construction, labor and supplies within three (3) years from approval of capacity by the DOE or from October 29, 2015.
- introduce developments on the leased areas based on the annual work program approved by DOE.
- install utility post for the transmission lines from the leased areas to service substation of National Commission for Indigenous Peoples (NCIP) in coordination with Subic Energone Corp.
- compensate the Indigenous Cultural Community of Aeta for its share amounting to five percent (5%) of the monthly rental per MW installed by the lessee.
- build an access road from the leased area to the public road and renewable energy park for education and tourism.

#### Lease Agreement with THNC

On October 31, 2013, TMC and THNC executed a lease agreement wherein TMC will lease the land within the TSEZ to the lessee. The TSEZ leased area of approximately 675 hectares is located at Barangays Taganito and Hayanggabon, Claver, Surigao del Norte. The duration of the lease agreement shall be for a period of twenty (20) years starting January 1, 2013, however, rental rate shall be annually agreed by both parties. TMC's rental income from the said lease amounted to \$\mathbb{P}6.7\$ million in 2015, 2014 and 2013 (see Note 31).

In the above lease agreement, it was agreed by TMC and THNC that the option fee of ₱83.8 million received in 2010 shall be treated as advance rental and deducted from the annual rental fee. The same shall be equally applied to each year of the lease term or ₱4.2 million each year of the twenty (20) year lease term.

#### Lease Contract with the DENR

TMC is a party to a lease contract dated April 10, 2003 with the DENR over a tract of foreshore land located at the Taganito mine comprising an area of approximately 12,000 square meters. The foreshore lease has a term of twenty-five (25) years from the date of issue, unless terminated earlier. The DENR may renew the foreshore lease for another twenty-five (25) years, at its option. In accordance with the foreshore lease, TMC constructed permanent improvements appropriate for the wharf to facilitate the barging of mine ore to customers' vessels. Under the terms of the lease, if TMC uses or attempts to use the premises for other purposes, all rights and interests, including the improvements, will be forfeited in favor of the Government. Upon the termination of the lease or any extension, all improvements made by TMC will become the property of the Government.

#### o. PEZA and Board of Investments (BOI) Registration

#### Registration with PEZA - TMC

On December 21, 2009, Presidential Proclamation No. 1966 was issued creating and establishing the 680-hectare area situated in Taganito, Municipality of Claver, Province of Surigao Del Norte to be known as TSEZ. TMC is a PEZA-registered operator/developer of



the economic zone as per Certificate of Registration No. EZ 10-01. The certificate of registration was signed on January 7, 2010.

Pursuant to TMC's registration with PEZA as an economic zone developer/operator, TMC is entitled to certain incentives in accordance with the provisions of RA No. 7916, otherwise known as "the Special Economic Zone Act of 1995", as amended.

Under PEZA Board Resolution No. 11-08 dated March 1, 2011, its directors approved TMC's application for extension of its existing TSEZ. On July 28, 2011, pursuant to the resolution, the Government issued Proclamation No. 211 designating parcels of land with an aggregate area of 7.5 hectares located at Barangay Taganito, municipality of Claver, Province of Surigao del Norte, for inclusion to the existing TSEZ.

On January 23, 2013, PEZA issued a Letter of Authority No. 13-0426 allowing TMC to allocate one (1) hectare lot within the TSEZ located at Barangay Taganito, Claver, Surigao del Norte as relocation site for the residents along Hayanggabon River, Barangay Hayanggabon, Claver, Surigao del Norte.

On January 8, 2015, PEZA issued a certification entitling TMC qualification for the purpose of VAT zero-rating of its transactions with local suppliers of goods, properties and services and exemption from all national and local taxes and licenses except real property taxes on land owned by TMC and those required to be paid under the MPSA dated July 28, 2008. In lieu thereof, TMC shall pay five percent (5%) final tax on gross income. The certification is valid from January 1 to December 31, 2015 and renewable annually, unless otherwise revoked or suspended by PEZA prior to expiration of said period.

#### Registration with PEZA - RTN

On December 13, 2002, RTN registered with the PEZA as the developer/operator of Rio Tuba Processing Zone, located in Barangay Rio Tuba, Municipality of Bataraza, Palawan. The PEZA-registered activities are entitled to certain tax and nontax incentives. Starting 2003, such activities are already subject to five percent (5%) tax based on GIT in lieu of national and local taxes and licenses except those required to be paid under the MPSA dated June 4, 1998 executed by and between the DENR and RTN.

#### **BOI** Certifications

TMC, RTN, HMC and CMC received BOI certifications pursuant to Revenue Memorandum Order No. 9-2000 entitled "Tax Treatment of Sales of Goods, Properties and Services made by VAT-registered Suppliers to BOI registered Manufacturers-Exporters with 100% Export Sales". The certifications are valid from January 1 to December 31, 2015 and renewable annually, unless sooner revoked by the BOI Governing Board.

In January 2016, the BOI certifications were renewed for another year starting on January 1 to December 31, 2016.

On November 12, 2014, EPI received BOI certification as RE Developer of Geothermal Energy Resources for its 40MW Montelago Geothermal Power Plant pursuant to RA 9513 otherwise known as the "Renewable Energy Act of 2008" which entitled EPI to zero-percent (0%) VAT rate for the sale of its power as well as its purchases of local supply of goods, properties and services needed for the development, construction and installation of its plant facilities and the whole process of exploration and development of RE sources up to its conversion into power.



#### p. PSAs with ORMECO and OMECO

In February 2014, EPI entered into separate PSAs with ORMECO and OMECO. Under the terms of the PSAs, EPI is committed to sell and deliver approximately 20MW each of geothermal power from the project to ORMECO and OMECO for a period of approximately twenty-five (25) years. The PSA is renewable upon the agreement of the parties and approval of the ERC.

On November 3, 2014 and December 1, 2014, EPI was granted by the ERC of the Final Authorities on the PSAs with OMECO and ORMECO, respectively. However, EPI filed a Motion because certain terms are not acceptable to EPI. As at December 31, 2015, the Motion is still pending with the ERC.

In connection with the assignment of the service contract to MGPC, the refundable deposits pertaining to compliance with the PSAs with OMECO and ORMECO amounting to \$\text{\P5.3}\$ million were transferred by EPI to MGPC being the Project Entity (see Note 8).

#### q. Loan Agreement with East Coast

In relation to the Supplemental Agreement executed by CMC and East Coast on December 18, 2015, CMC agreed to lend a loan of up to ₱1,000.0 million to East Coast which is subject to 3.0% interest p.a. The loan was issued in two tranches of ₱150.0 million in October 2015 and ₱850.0 million in December 2015. As payment of the loan, CMC shall deduct fifty percent (50%) of commission and royalties, net of withholding tax and interest payments, each time a commission, royalty or additional royalty is paid by CMC to East Coast. The loan is secured by a Pledge Agreement between CMC and East Coast covering the latter's rights, interests, receivables, obligations, and liabilities over the MPSA on the Cagdianao property owned by East Coast (see Note 39e). The current portion of the loan receivable amounting to ₱157.9 million was included under "Trade and other receivables" while the noncurrent portion amounting to ₱842.1 million was included under "Other noncurrent assets" (see Notes 5 and 14). Interest income from the loan amounted to ₱1.8 million in 2015 and nil in 2014 and 2013.

#### r. Other Agreements

#### Joint Undertaking with NCIP

On December 8, 2009, TMC and NCIP entered into a Joint Undertaking, which confirmed that a one percent (1%) royalty on annual gross revenues of TMC is payable to the Mamanwa Tribe pursuant to a MOA dated July 18, 2006 between TMC, the NCIP and the Tribe and a Certificate of Ancestral Domain Title issued to the Tribe, within which area TMC's mining operation is located.

#### Agreement with Local Government Units

RTN together with RTN Foundation, Inc. and CBNC entered into Agreements with the barangay councils and community residents covered in the SDMP as required by law and as one of the conditions of ECC. The Agreement stipulated that RTN and CBNC should meet the changing needs and demands of the communities and shall submit the SDMP every five (5) years to the MGB Region IV for approval. In addition, as part of the process of securing the consent of affected communities, the program must be prepared in consultation and in partnership with the project proponent and neighboring communities. On January 7, 2014,



SDMP No. MGB-IVB-2013-003 III was approved by the MGB covering the period of five (5) years from 2014 to 2018. RTN incurred royalty payments to indigenous people amounting to ₱50.6 million and ₱69.3 million in 2015 and 2014, respectively, in accordance with the SDMP.

#### Suretyship Agreement with Security Bank Corporation (SBC)

On August 4, 2015, the Parent Company entered into a Suretyship Agreement with SBC to guarantee and warrant the prompt and full payment and performance of the guaranteed obligations, including increases, renewals, roll-overs, extensions, restructuring, conversions, amendments or novations, of EPI to SBC amounting to ₱3,000.0 million. The agreement shall remain in full force and effect until full payment of the guaranteed obligations is made (see Note 16).

#### MOA with DOE

On December 3, 2014, the Parent Company and DOE agreed in accordance with RA 9136 or the "Electric Power Industry Reform Act of 2001" which requires all energy generation companies and/or energy resource developers to provide financial benefits equivalent to ₱0.01/kilowatt-hour (kWh) of the total electricity sales of the generation facility to its customer/off-taker to the region, province, city or municipality and barangay that host the generation facility, and to establish the corresponding trust accounts which should be administered by the DOE. The ₱0.01 financial benefits shall be allocated as follows: ₱0.005/kWh for Electrification Fund, ₱0.0025/kWh for Development and Livelihood Fund and ₱0.0025/kWh for Reforestation, Watershed Management, Health and/or Environment Enhancement Fund.

#### 40. Events after the End of the Financial Reporting Period

#### Memorandum of Agreement with SMM and Mitsui

On February 15, 2016, the Parent Company, SMM and Mitsui agreed to extend another loans to THNC amounting to US\$65.0 million to cover the latter's working capital requirement.

#### Dividend Declaration

On March 15, 2016, the Parent Company's BOD declared cash dividends amounting to ₱0.08 per share to stockholders of record as at March 31, 2016 which will be paid on April 12, 2016.

#### 41. Supplemental Disclosure to Consolidated Statements of Cash Flows

Noncash financing activity pertains to the declaration of stock dividends amounting to ₱1,899.2 million and ₱632.6 million in 2015 and 2014, respectively.



#### 42. Business Segment Information

The Group's operating businesses are organized and managed separately according to the nature of the products and services provided, with each segment representing a strategic business unit that offers different products and serves different markets.

The mining segment is engaged in the mining and exploration of nickel saprolite and limonite ore and limestone.

The services segment is engaged in the chartering out of LCT, construction and rendering of services to CBNC and THNC.

The power segment is engaged in power generation.



The Group's identified reportable segments below are consistent with the segments reported to the BOD, which is the Chief Operating Decision Maker of the Group. Financial information on the operation of the various business segments are as follows:

								December 31, 2	2015			
			Mining			Pow	er		Services			_
	НМС	CMC	TMC	RTN	Geogen	EPI	NAC	RTN/TMC	НМС	Others	Eliminations	Total
External customers	₽2,314,823	₽2,350,200	₽5,069,801	₽5,060,825	₽-	₽-	₽_	₽635,997	₽-	₽-	₽_	₽15,431,646
Inter-segment revenues	_		· · · -	· · · –	_	_	_	_	2,070	521,882	(523,952)	· · · –
Total revenues (see Note 34)	2,314,823	2,350,200	5,069,801	5,060,825	_	_	_	635,997	2,070	521,882	(523,952)	15,431,646
Cost of sales	896,657	720,815	2,063,434	2,598,342	_	-	-	_	_	_		6,279,248
Cost of services	-	_	-	_	_	_	-	-	_	_	_	357,917
Shipping and loading costs	460,172	421,561	519,322	370,101	_	_	_	_	(13,213)	_	_	1,757,943
Excise taxes and royalties	162,037	370,157	405,584	151,825	_	_	-	-	_	_	_	1,089,603
Marketing	16,925	98,579	10,529	4,133				_	_	_		130,166
Segment operating earnings	₽779,032	₽739,088	₽2,070,932	₽1,936,424	₽-	₽–	₽–	₽278,063	₽15,300	₽521,882	(₽523,952)	₽5,816,769
General and administrative	₽144,602	₽54,081	₽146,846	₽89,035	₽18,786	₽45,476	₽_	₽-	₽904	₽413,124	₽-	₽912,854
Finance income	₽5,222	₽9,261	₽29,469	₽15,942	₽43	₽425	₽-	₽-	₽-	₽244,750	₽-	₽305,112
Finance expenses	₽3,553	₽5,893	₽8,691	₽5,080	₽-	₽42,400	₽-	₽-	₽-	₽127,130	₽-	₽192,747
Provision for (benefit from) income tax	₽179,561	₽205,122	₽613,832	₽577,027	<b>(₽8,529)</b>	₽7,618	₽-	₽–	( <del>P</del> 2,854)	₽95,509	₽-	₽1,667,286
Net income (loss) attributable to equity holders												
of the parent	₽544,067	₽530,239	₽1,088,960	₽975,978	<b>(₽12,152)</b>	(₱48,981)	₽-	₽-	₽-	<b>(₽1,042,968)</b>	₽-	₽2,035,143
Segment assets	₽1,912,697	₽2,151,931	₽9,429,793	₽4,703,869	₽979,448	₽8,781,557	₽671,055	₽_	₽87,074	₽12,775,524	₽-	₽41,492,948
Deferred income tax assets - net	43,811	18,595	40,046	5,311	8,549	_	-	-	_	36,948	_	153,260
Total assets	₽1,956,508	₽2,170,526	₽9,469,839	₽4,709,180	₽987,997	₽8,781,557	₽671,055	₽-	₽87,074	₽12,812,472	₽–	₽41,646,208
Segment liabilities	₽303,119	₽327,646	₽2,170,079	₽829,079	₽43,071	₽7,590,638	₽_	₽–	₽_	₽322,017	₽–	₱11,585,649
Deferred income tax liabilities	_	_	_	294,966	164,262	92,009		_	26,122	70,012		647,371
Total liabilities	₽303,119	₽327,646	₽2,170,079	₽1,124,045	₽207,333	₽7,682,647	₽-	₽_	₽26,122	₽392,164	₽-	₽12,233,020
Capital expenditures	₽370,940	₽155,302	₽1,013,364	₽202,918	₽12,378	₽1,692,791	₽-	₽-	₽-	₽460,959	₽-	₽3,908,652
Depreciation, amortization and depletion	₽224,263	₽112,660	₽565,772	₽466,697	₽638	₽1,716	₽-	₽–	₽9,513	₽58,728	₽-	₽1,439,987



					December 31,	2014			
		Mining Ser				Services			
	НМС	CMC	TMC	RTN	RTN/TMC	LCSLC/HMC	Others	Eliminations	Total
External customers	₱5,051,719	₽3,595,474	₽8,478,977	₽6,926,564	₽690,664	₽2,306	₽_	₽_	₽24,745,704
Inter-segment revenues		_	_	_	_	76,704	776,902	(853,606)	_
Total revenues (see Note 34)	5,051,719	3,595,474	8,478,977	6,926,564	690,664	79,010	776,902	(853,606)	24,745,704
Cost of sales	1,071,477	508,198	1,525,064	2,251,672	_	_	_	_	5,356,411
Cost of services	_	_	_	_	369,004	2,146	_	_	371,150
Shipping and loading costs	579,024	224,525	614,205	396,417	_	23,397	_	_	1,837,568
Excise taxes and royalties	353,620	515,099	678,318	207,797	_	_	_	_	1,754,834
Marketing	28,295	109,298	18,354	12,996					168,943
Segment operating earnings	₽3,019,303	₱2,238,354	₽5,643,036	₽4,057,682	₱321,660	₽53,467	₽776,902	( <del>P</del> 853,606)	₱15,256,798
General and administrative	₽171,481	₽39,621	₽160,010	₽97,182	₽_	₽2,655	₽485,513	₽_	₽956,462
Finance income	₽12,582	₽8,051	₽29,391	₽31,415	₽_	₽64	₽90,601	₽_	₽172,104
Finance expenses	₽6,837	₽3,751	₽8,710	₽7,612	₽_	₽_	₽137,861	₽_	₽164,771
Provision for income tax	₽789,010	₽652,722	₽1,600,874	₽1,210,754	₽_	₽21,814	₽17,653	₽_	₽4,292,827
Net income (loss) attributable to equity holders									
of the parent	₽2,300,011	₱1,640,105	₽2,745,373	₽1,912,575	₽_	( <del>P</del> 47,783)	₽1,346	₽–	₽8,551,627
Segment assets	₽2,138,830	₽1,761,437	₽8,275,250	₱4,820,612	₽_	₽172,138	₽17,807,674	₽–	₽34,975,941
Deferred income tax assets - net	45,704	27,934	73,874	2,672	_	,	57,783	_	207,967
Total assets	₽2,184,534	₱1,789,371	₽8,349,124	₱4,823,284	₽-	₽172,138	₱17,865,457	₽–	₱35,183,908
Segment liabilities	₽450,858	₽362,647	₽1,835,113	₽996,482	₽_	₽3,915	₽211,497	₽_	₽3,860,512
Deferred income tax liabilities	F430,636	F302,047	F1,033,113	358,113	- -	28,976	33,961	r- -	421,050
Total liabilities	₽450,858	₽362,647	₽1,835,113	₱1,354,595	₽_	₹32,891	₽245,463	₽_	₹4,281,562
Capital expenditures	₽315,869	₽196,505	₽594,116	₽234,072	<del></del>	₽3,225	₽213,285	₽_	₽1,557,072
	,	,	,	· ·		-	*		
Depreciation, amortization and depletion	₽166,658	₽89,732	₽550,803	₽478,070	₽_	₽18,060	₽70,011	₽–	₽1,373,334



					December 31, 201	3			
		]	Mining			Services			
	НМС	СМС	TMC	RTN	RTN/TMC	LCSLC	Others	Eliminations	Total
External customers	₽3,438,856	₽737,906	₽3,109,101	₽3,189,634	₽612,830	₽11,112	₽10,090	₽–	₽11,109,529
Inter-segment revenues					1,159	71,478	434,953	(507,590)	
Total revenues (see Note 34)	3,438,856	737,906	3,109,101	3,189,634	613,989	82,590	445,043	(507,590)	11,109,529
Cost of sales	927,692	422,058	1,122,846	2,016,698	_	_	_	_	4,489,294
Cost of services	_	_	_	_	335,292	_	_	_	335,292
Shipping and loading costs	444,164	141,109	457,029	268,847	_	87,622	_	_	1,398,771
Excise taxes and royalties	240,720	95,368	248,728	63,792	_	_	_	_	648,608
Marketing	21,065	28,228	4,462	11,874					65,629
Segment operating earnings	₱1,805,215	₱51,143	₽1,276,036	₽828,423	₽278,697	(₱5,032)	₱445,043	( <del>P</del> 507,590)	₽4,171,935
General and administrative	₽66,117	₽34,038	₽110,899	₽111,172	₽_	₱12,156	₽290,095	₽_	₽624,477
Finance income	₽14,332	₽2,515	₽15,683	₽49,750	₽–	₽12	₽84,461	₽—	₽166,753
Finance expenses	₽5,327	₽3,450	₽7,007	₽6,896	₽-	₽2,267	₽103,693	₽—	₽128,640
Provision for (benefit from) income tax	₽516,384	( <del>P</del> 8,787)	₽350,677	₽247,190	₽—	₽7,589	₽11,162	₽—	₽1,124,215
Net income (loss) attributable to equity holders of the parent	₱1,473,262	₽21,554	₽640,531	₱595,162	₽_	(₱98,064)	( <del>P</del> 578,771)	₽_	₱2,053,674
Segment assets	₽1,943,798	₽954,295	₽6,708,837	₽7,740,945	₽_	₽263,195	₽10,958,015	₽_	₽28,569,085
Deferred income tax assets - net	97,366	93,381	58,458	4,709	_	_	90,529	_	344,443
Total assets	₽2,041,164	₽1,047,676	₽6,767,295	₽7,745,654	₽-	₽263,195	₱11,048,544	₽_	₽28,913,528
Segment liabilities	<del>₽</del> 419,751	₽152,185	₽1,970,952	<b>₽</b> 547,866	₽	₽5,270	₽119,488	₽_	₱3,215,512
Deferred income tax liabilities	F419,/31	F132,163	F1,970,932	423,608	<b>r</b> -	31,830	30,790	r-	
	P410.751	P152 105	P1 070 052						486,228 P2 701 740
Total liabilities	₽419,751	₽152,185	₽1,970,952	₽971,474	<del>P</del>	₱37,100	₽150,278	<del>P</del> -	₱3,701,740
Capital expenditures	₽346,186	₽114,084	₽1,256,229	₽129,461	₽-	₽28,009	₽57,156	₽_	₽1,931,125
Depreciation, amortization and depletion	₽123,760	₽72,484	₽336,736	₽488,985	₽-	₽174,003	₽66,683	₽_	₽1,262,651

Inter-segment revenues are eliminated upon consolidation.



The Group has revenues from external customers as follows:

Country of Domicile	2015	2014	2013
China	₽8,629,266	₽15,564,609	₽7,376,742
Japan	3,292,681	5,000,487	1,462,481
Australia	270,994	198,579	_
Local	3,238,705	3,982,029	2,270,306
	₽15,431,646	₽24,745,704	₽11,109,529

The revenue information above is based on the location of the customer.

Revenue from two key customers for the sale of ores amounted to \$5,569.5 million, \$11,756.9 million and \$5,257.2 million in 2015, 2014 and 2013, respectively.





SyCip Gorres Velayo & Co. 6760 Ayala Avenue 1226 Makati City Philippines

Tel: (632) 891 0307 Fax: (632) 819 0872 ev.com/ph BOA/PRC Reg. No. 0001, December 14, 2015, valid until December 31, 2018 SEC Accreditation No. 0012-FR-4 (Group A), November 10, 2015, valid until November 9, 2018

#### INDEPENDENT AUDITORS' REPORT ON SUPPLEMENTARY SCHEDULES

The Stockholders and the Board of Directors Nickel Asia Corporation and Subsidiaries 28th Floor, NAC Tower 32nd Street, Bonifacio Global City Taguig City

We have audited in accordance with Philippine Standards on Auditing, the consolidated financial statements of Nickel Asia Corporation and Subsidiaries as at December 31, 2015 and 2014, and for each of the three years in the period ended December 31, 2015, 2014 and 2013, included in this Form 17-A, and have issued our report thereon dated March 15, 2016. Our audits were made for the purpose of forming an opinion on the basic financial statements taken as a whole. The schedules listed in the Index to the Consolidated Financial Statements and Supplementary Schedules are the responsibility of the Parent Company's management. These schedules are presented for purposes of complying with Securities Regulation Code Rule 68, As Amended (2011) and are not part of the basic financial statements. These schedules have been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, fairly state, in all material respects, the information required to be set forth therein in relation to the basic financial statements taken as a whole.

SYCIP GORRES VELAYO & CO.

Eleanore A. Layug

Partner

CPA Certificate No. 0100794

SEC Accreditation No. 1250-A-1 (Group A),

January 7, 2016, valid until January 6, 2019

Tax Identification No. 163-069-453

BIR Accreditation No. 08-001998-97-2015,

January 5, 2015, valid until January 4, 2018

PTR No. 5321646, January 4, 2016, Makati City

March 15, 2016



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## SCHEDULE I NICKEL ASIA CORPORATION

#### RECONCILIATION OF RETAINED EARNINGS AVAILABLE FOR **DIVIDEND DECLARATION**

#### PURSUANT TO SEC MEMORANDUM CIRCULAR NO.11 **DECEMBER 31, 2015**

Unappropriated retained earnings as at December 31, 2014, as reflected in audited financial statements		₽12,370,501,290
Unrealized foreign exchange gain - net except those		112,5 / 0,5 01,2 9 0
attributable to cash and cash equivalents		(764,817)
Amount of recognized deferred income tax asset that reduced the amount		(101,011)
of income tax expense and increased the net income and retained		
earnings, until realized		(115,728,636)
Unappropriated retained earnings, as adjusted to available for dividend		
distribution, beginning		12,254,007,837
Add: Net income actually earned/realized during the period		
Net income during the period closed to Retained Earnings	3,303,062,385	
Less: Non-actual/unrealized income net of tax		
Unrealized foreign exchange gain - net (except those	89,371,811	
attributable to cash and cash equivalents)	_	
Fair value adjustment (mark-to-market gains)	_	
Other unrealized gains or adjustments to the retained earnings as a		
result of certain transactions accounted for under PFRS Adjustment due to deviation from PFRS/GAAP - gain	_	
Accretion income	3,933,006	
Day 1 gain	2,123,027	
Amount of recognized deferred income tax asset that reduced the	, -,-	
amount of income tax expense and increased the net income		
and retained earnings, until realized		
Subtotal	3,207,634,541	
Add: Non-actual losses		
Depreciation on revaluation increment (after tax)	_	
Remeasurement loss on pension liability (after tax)	_	
Adjustment due to deviation from PFRS/GAAP - loss	_	
Loss on fair value adjustment of investment property (after tax)	_	
Stock option expense for the period		
Subtotal		
Net income actually earned during the period		3,207,634,541
Add (Less):		
Dividend declarations during the period	(5,695,624,379)	
Appropriations of retained earnings	_	
Reversals of appropriations	_	
Effects of prior period adjustments	_	
Treasury shares		(5 (05 (04 050)
Subtotal  TOTAL DETAINED FARMINGS FND AVAILABLE FOR		(5,695,624,379)
TOTAL RETAINED EARNINGS, END AVAILABLE FOR DIVIDEND DISTRIBUTION		₽9,766,017,999



#### **SCHEDULE II**

#### NICKEL ASIA CORPORATION AND SUBSIDIARIES TABULAR SCHEDULE OF EFFECTIVE STANDARDS AND INTERPRETATIONS UNDER THE PFRS PURSUANT TO SRC RULE 68, AS AMENDED DECEMBER 31, 2015

I. List of Philippine Financial Reporting Standards (PFRSs) [which consist of PFRSs, Philippine Accounting Standards (PASs) and Philippine Interpretations] effective as at December 31, 2015:

INTERPRE	E FINANCIAL REPORTING STANDARDS AND TATIONS at December 31, 2015	Adopted	Not Adopted	Not Applicable
	for the Preparation and Presentation of Financial Statements Framework Phase A: Objectives and qualitative characteristics	✓		
PFRSs Prac	tice Statement Management Commentary	✓		
Philippine F	inancial Reporting Standards			
PFRS 1	First-time Adoption of Philippine Financial Reporting Standards			✓
(Revised)	Amendments to PFRS 1 and PAS 27: Cost of an Investment in a Subsidiary, Jointly Controlled Entity or Associate	<b>√</b>		
	Amendments to PFRS 1: Additional Exemptions for First-time Adopters			<b>√</b>
	Amendment to PFRS 1: Limited Exemption from Comparative PFRS 7 Disclosures for First-time Adopters			✓
	Amendments to PFRS 1: Severe Hyperinflation and Removal of Fixed Date for First-time Adopters			✓
	Amendments to PFRS 1: Government Loans			✓
PFRS 2	Share-based Payment	✓		
	Amendments to PFRS 2: Vesting Conditions and Cancellations	✓		
	Amendments to PFRS 2: Company Cash-settled Share-based Payment Transactions			✓
PFRS 3 (Revised)	Business Combinations	✓		
PFRS 4	Insurance Contracts			✓
	Amendments to PAS 39 and PFRS 4: Financial Guarantee Contracts			✓
PFRS 5	Non-current Assets Held for Sale and Discontinued Operations			✓
PFRS 6	Exploration for and Evaluation of Mineral Resources	✓		
PFRS 7	Financial Instruments: Disclosures	✓		
	Amendments to PAS 39 and PFRS 7: Reclassification of Financial Assets			<b>√</b>
	Amendments to PAS 39 and PFRS 7: Reclassification of Financial Assets - Effective Date and Transition			✓
	Amendments to PFRS 7: Improving Disclosures about Financial Instruments	<b>√</b>		
	Amendments to PFRS 7: Disclosures - Transfers of Financial Assets			✓
	Amendments to PFRS 7: Disclosures - Offsetting Financial Assets and Financial Liabilities			✓



INTERPRE	E FINANCIAL REPORTING STANDARDS AND TATIONS at December 31, 2015	Adopted	Not Adopted	Not Applicable
	Amendments to PFRS 7: Mandatory Effective Date of PFRS 9 and Transition Disclosures			<b>√</b>
PFRS 8	Operating Segments	✓		
PFRS 9	Financial Instruments	✓		
	Amendments to PFRS 9: Mandatory Effective Date of PFRS 9 and Transition Disclosures			✓
PFRS 10	Consolidated Financial Statements	✓		
PFRS 11	Joint Arrangements			✓
PFRS 12	Disclosure of Interests in Other Entities	✓		
PFRS 13	Fair Value Measurement	✓		
Philippine A	ccounting Standards			
PAS 1	Presentation of Financial Statements	✓		
(Revised)	Amendment to PAS 1: Capital Disclosures	✓		
	Amendments to PAS 32 and PAS 1: Puttable Financial Instruments and Obligations Arising on Liquidation			✓
	Amendments to PAS 1: Presentation of Items of Other Comprehensive Income	<b>√</b>		
PAS 2	Inventories	✓		
PAS 7	Statement of Cash Flows	✓		
PAS 8	Accounting Policies, Changes in Accounting Estimates and Errors	✓		
PAS 10	Events after the Reporting Period	✓		
PAS 11	Construction Contracts			✓
PAS 12	Income Taxes	✓		
	Amendment to PAS 12 - Deferred Tax: Recovery of Underlying Assets			✓
PAS 16	Property, Plant and Equipment	✓		
PAS 17	Leases	✓		
PAS 18	Revenue	✓		
PAS 19	Employee Benefits	✓		
	Amendments to PAS 19: Actuarial Gains and Losses, Company Plans and Disclosures	✓		
PAS 19 (Amended)	Employee Benefits	<b>√</b>		
PAS 20	Accounting for Government Grants and Disclosure of Government Assistance			✓
PAS 21	The Effects of Changes in Foreign Exchange Rates	✓		
	Amendment: Net Investment in a Foreign Operation			✓
PAS 23 (Revised)	Borrowing Costs	✓		



INTERPRE	E FINANCIAL REPORTING STANDARDS AND FATIONS at December 31, 2015	Adopted	Not Adopted	Not Applicable
PAS 24 (Revised)	Related Party Disclosures	<b>√</b>		
PAS 26	Accounting and Reporting by Retirement Benefit Plans			✓
PAS 27	Consolidated and Separate Financial Statements	✓		
PAS 27 (Amended)	Separate Financial Statements	✓		
PAS 28	Investments in Associates	✓		
PAS 28 (Amended)	Investments in Associates and Joint Ventures	<b>√</b>		
PAS 29	Financial Reporting in Hyperinflationary Economies			✓
PAS 31	Interests in Joint Ventures			✓
PAS 32	Financial Instruments: Disclosure and Presentation	✓		
	Amendments to PAS 32 and PAS 1: Puttable Financial Instruments and Obligations Arising on Liquidation			✓
	Amendment to PAS 32: Classification of Rights Issues			✓
	Amendments to PAS 32: Offsetting Financial Assets and Financial Liabilities			✓
PAS 33	Earnings per Share	✓		
PAS 34	Interim Financial Reporting			✓
PAS 36	Impairment of Assets	✓		
PAS 37	Provisions, Contingent Liabilities and Contingent Assets	✓		
PAS 38	Intangible Assets	✓		
PAS 39	Financial Instruments: Recognition and Measurement	✓		
	Amendments to PAS 39: Transition and Initial Recognition of Financial Assets and Financial Liabilities			✓
	Amendments to PAS 39: Cash Flow Hedge Accounting of Forecast Intragroup Transactions			✓
	Amendments to PAS 39: The Fair Value Option			✓
	Amendments to PAS 39 and PFRS 4: Financial Guarantee Contracts			<b>✓</b>
	Amendments to PAS 39 and PFRS 7: Reclassification of Financial Assets			<b>√</b>
	Amendments to PAS 39 and PFRS 7: Reclassification of Financial Assets – Effective Date and Transition			<b>√</b>
	Amendments to Philippine Interpretation IFRIC-9 and PAS 39: Embedded Derivatives	<b>√</b>		
	Amendment to PAS 39: Eligible Hedged Items			✓
PAS 40	Investment Property	✓		
PAS 41	Agriculture			✓



INTERPRE	E FINANCIAL REPORTING STANDARDS AND TATIONS at December 31, 2015	Adopted	Not Adopted	Not Applicable
Philippine I	nterpretations			
IFRIC 1	Changes in Existing Decommissioning, Restoration and Similar Liabilities	✓		
IFRIC 2	Members' Share in Co-operative Entities and Similar Instruments			✓
IFRIC 4	Determining Whether an Arrangement Contains a Lease	✓		
IFRIC 5	Rights to Interests arising from Decommissioning, Restoration and Environmental Rehabilitation Funds	✓		
IFRIC 6	Liabilities arising from Participating in a Specific Market - Waste Electrical and Electronic Equipment			✓
IFRIC 7	Applying the Restatement Approach under PAS 29 Financial Reporting in Hyperinflationary Economies			✓
IFRIC 8	Scope of PFRS 2			✓
IFRIC 9	Reassessment of Embedded Derivatives	✓		
	Amendments to Philippine Interpretation IFRIC-9 and PAS 39: Embedded Derivatives	✓		
IFRIC 10	Interim Financial Reporting and Impairment			✓
IFRIC 11	PFRS 2 - Company and Treasury Share Transactions			✓
IFRIC 12	Service Concession Arrangements			✓
IFRIC 13	Customer Loyalty Programmes			✓
IFRIC 14	The Limit on a Defined Benefit Asset, Minimum Funding Requirements and their Interaction			✓
	Amendments to Philippine Interpretations IFRIC - 14, Prepayments of a Minimum Funding Requirement			✓
IFRIC 16	Hedges of a Net Investment in a Foreign Operation			✓
IFRIC 17	Distributions of Non-cash Assets to Owners			✓
IFRIC 18	Transfers of Assets from Customers			<b>✓</b>
IFRIC 19	Extinguishing Financial Liabilities with Equity Instruments			✓
IFRIC 20	Stripping Costs in the Production Phase of a Surface Mine	✓		
SIC-7	Introduction of the Euro			✓
SIC-10	Government Assistance - No Specific Relation to Operating Activities			<b>√</b>
SIC-12	Consolidation - Special Purpose Entities			✓
	Amendment to SIC - 12: Scope of SIC 12			✓
SIC-13	Jointly Controlled Entities - Non-Monetary Contributions by Venturers			✓
SIC-15	Operating Leases - Incentives			✓
SIC-25	Income Taxes - Changes in the Tax Status of an Entity or its Shareholders			✓



INTERPRI	NE FINANCIAL REPORTING STANDARDS AND ETATIONS s at December 31, 2015	Adopted	Not Adopted	Not Applicable
SIC-27	Evaluating the Substance of Transactions Involving the Legal Form of a Lease	<b>√</b>		
SIC-29	Service Concession Arrangements: Disclosures.			✓
SIC-31	Revenue - Barter Transactions Involving Advertising Services			✓
SIC-32	Intangible Assets - Web Site Costs			✓

The Group has not early adopted any PFRSs, PAS and Philippine Interpretations effective January 1, 2016 onwards.



Schedule A. Financial Assets December 31, 2015

Name of Issuing Entity and Description of Each Issue	Number of Shares or Principal Amount of Bonds and Notes	Amount Shown in the Statement of Financial Position	Value Based on Market Quotations at End of Reporting Date	Income Received and Accrued
		In Tho	usands	
Cash on hand and with banks	N/A	₽1,535,372	₽1,535,372	
Cash under managed funds	N/A	199,300	199,300	₽109,075
Short-term cash investments	N/A	5,338,499	5,338,499	,,,,,,
Cash and cash equivalents		7,073,171	7,073,171	109,075
Trade	N/A	558,162	558,162	_
Loan and notes receivable	N/A	157,896	157,896	277
Receivable from CBNC	N/A	48,173	48,173	_
Interest receivable	N/A	40,448	40,448	_
Advances to Ludgoron	N/A	23,394	23,394	_
Amounts owed by related parties	N/A	15,964	15,964	_
Others	N/A	49,833	49,833	_
Trade and other receivables		893,870	893,870	277



#### Schedule A. Financial Assets December 31, 2015

Name of Issuing Entity and Description of Each Issue	Number of Shares or Principal Amount of Bonds and Notes	Amount Shown in the Statement of Financial Position	Value Based on Market Quotations at End of Reporting Date	Income Received and Accrued
			In Thousands	
Manila Golf and Country Club	1 share	₽39,000	₽39,000	₽_
Wack-Wack Golf and Country Club	1 share	15,800	15,800	_
Valle Verde Country Club	1 share	120	120	_
Camp John Hay Country Club	1 share	180	180	_
Ayala Land, Inc.	₽90,000	92,688	92,688	3,730
Aboitiz Equity Ventures, Inc.	₽50,000	50,277	50,277	1,765
Retail Treasury Bond	₽50,000	50,000	50,000	1,300
Ayala Corporation	₽45,000	46,856	46,856	1,962
Philippine Long Distance and Telephone Company	₽20,000	20,522	20,522	836
ABS-CBN Corporation	₽20,000	19,649	19,649	854
JG Summit Corporation	₽20,000	20,781	20,781	837
Globe Telecom Inc.	₽40,000	40,966	40,966	1,771
Security Bank Corporation - Tier II Funds	₽40,000	40,000	40,000	1,720
NiHao Mineral Resources International, Inc.	101,000,000 shares	282,800	282,800	_
Philippine Long Distance and Telephone Company	25,000 shares	51,500	51,500	_
Philippine Long Distance and Telephone Company	_	2,481	2,481	183
Security Bank Corporation	58,027 shares	8,240	8,240	_
BDO Institutional Cash Reserve Fund	469,693 units	51,353	51,353	_
ATR Kim Eng Capital Partners, Inc Alpha Opportunity Fund	14,541,224 units	17,038	17,038	_
ATR Kim Eng Capital Partners, Inc Equity Opportunity Fund	25,479,005 units	93,080	93,080	_
BPI Asset Management - Money Market Fund	50,599 units	11,589	11,589	_
Security Land Corporation	3,056,198 shares	126,758	126,758	_
Eurasian Consolidated Minerals Pty. Ltd.	12,500,000 shares	73,061	73,061	_
BNP Paribas Wealth Management - debt and equity securities	various	939,867	939,867	22,020
Credit Suisse AG - debt and equity securities	various	974,810	974,810	20,562
DBS Private Bank - debt and equity securities	various	374,405	374,405	7,156

(Forward)



## Schedule A. Financial Assets December 31, 2015

Name of Issuing Entity and Description of Each Issue	Number of Shares or Principal Amount of Bonds and Notes	Amount Shown in the Statement of Financial Position	Value Based on Market Quotations at End of Reporting Date	Income Received and Accrued
			In Thousands	
Philam Asset Management Inc debt and equity securities	various	₽354,165	₽354,165	₽2,555
Maybank ATR Kim Eng Capital Partners, Inc debt and equity securities	various	380,153	380,153	7,705
Security Bank Corporation - debt and equity securities	various	455,809	455,809	10,295
BDO Unibank, Inc debt securities	various	594,216	594,216	5,317
BPI Asset Management - debt securities	various	599,873	599,873	8,752
Others	_	3,000	3,000	_
AFS financial assets		5,831,037	5,831,037	99,320
Loan receivable - net of current portion	N/A	842,104	842,104	1,480
MRF	N/A	214,932	214,932	_
SDMP funds	N/A	59,264	59,264	_
Long-term negotiable instrument	N/A	30,000	30,000	1,260
Restricted cash	N/A	93	93	
Other noncurrent assets		1,146,393	1,146,393	2,740
Total		<b>₽</b> 14,944,471	₽14,944,471	₽211,412



Schedule B. Amounts Receivable from Directors, Officers, Employees, Related Parties and Principal Stockholders (Other than Affiliates)
December 31, 2015

			Dec	ductions			
	Beginning		Amount	Amount Written-			Ending
Name and Designation of Debtor	Balance	Additions	Collected	Off	Current	Noncurrent	Balance
There are no receivables from Directors, Officers, Employees, Related Parties and Principal Stockholders other than subject to usual terms, for ordinary travel and expense advances, and for other such items arising in the ordinary course of business, and eliminated in consolidation.							



#### **NICKEL ASIA CORPORATION**

## Schedule C. Amounts Receivable from Related Parties which are Eliminated in the Consolidated Financial Statements December 31, 2015

Name of Subsidiary	Balance At January 1, 2015	Additions	Amounts collected	Reclassification	Amounts Written Off	Current	Noncurrent	Amount Eliminated
Taganito Mining Corporation	₽19,696	₽4,765,736	( <del>P</del> 2,054,130)	₽_	₽	₱2,731,302	₽_	₽2,731,302
Rio Tuba Nickel Mining Corporation	2,972,440	4,727,286	(1,668,604)	_	_	6,031,122	_	6,031,122
Samar Nickel Mining Resources Corporation	1,759	7,903	(9,662)	_	_	, , <u> </u>	_	, , , <u> </u>
Cagdianao Mining Corporation	72,987	4,327,893	(2,522,336)	_	_	1,878,544	_	1,878,544
Cordillera Exploration Co., Inc.	90,097,903	31,172,022	(23,994,487)	_	_	97,275,438	_	97,275,438
Geogen Corporation	_	240,292,737	_	_	_	240,292,737	_	240,292,737
Hinatuan Mining Corporation	(2,863,034)	5,249,898	(2,476,807)	_	_	(89,943)	_	(89,943)
	₱90,301,751	₱290,543,475	( <del>P</del> 32,726,026)	₽_	₽_	₱348,119,200	₽_	₱348,119,200



Schedule D. Intangible Assets - Other Assets December 31, 2015

	Deductions		Other Changes -			
		Additions	Charged to Costs and	Charged to Other	Additions	
Description	Beginning Balance	At Cost	Expenses	Accounts	(Deductions)	Ending Balance
			In Thous	ands		
Geothermal exploration and evaluation assets	₽	₽6,114,914	₽	₽_	₽_	₽6,114,914
Other Noncurrent Assets						
Deferred mine exploration costs	209,227	405,083	1,233	_	547,017	1,160,094
Project development cost	_	107,296	_	_	-	107,296
	₽209,227	₽6,627,293	₽1,233	₽_	₽547,017	₽7,382,304



Schedule E. Long-term Debts December 31, 2015

Name of Issuer and	Amount Authorized by Indenture	Amount Shown as Current	Amount Shown as Long-term	
Type of Obligation				Remarks
		In Thousands		
Long-term Debts Security Bank Corporation	₽–	₽_	₽2,100,336	A
Taganito HPAL Nickel Corporation (THNC)	_	82,355	1,194,148	В
Sumitomo Metal Mining Co. Ltd.	_	42,166	63,249	С
Deferred Income				
Taganito HPAL Nickel Corporation	-	4,542	67,039	D
Total	₽-	₽129,063	₽3,424,772	

#### Remarks:

- A. Interest rate ranges from 4.6% to 4.9%; principal is payable after three (3) years.
- B. Interest rate is based on prevailing 180-day London Inter-Bank Offered Rate (LIBOR) plus two percent (2%) spread; principal is payable in semi-annual installments of US\$875,000, payable in April and October until April 10, 2031.
- C. Interest rate is based on prevailing 180-day British Banker Associate LIBOR plus two percent (2%) spread; principal is payable in semi-annual installments of US\$448,000, payable in February and August until February 28, 2018.
- D. The obligation is covered by a Lease Agreement with THNC.



Schedule F. Indebtedness to Affiliates and Related Parties (Short-term and Long-term Debts with Related Companies)
December 31, 2015

Name of Affiliate	Beginning Balance	Ending Balance
	In Thouse	ands
Short-term Debt		
Manta Equities Inc.	₽–	₽180,000
Long-term Debts		
Taganito HPAL Nickel Corporation	1,291,290	1,276,503
Sumitomo Metal Mining Co. Ltd.	140,242	105,415
Deferred Income		
Taganito HPAL Nickel Corporation	75,792	71,581
	₽1,507,324	₽1,633,499



Schedule G. Guarantees of Securities of Other Issuers December 31, 2015

Name of Issuing Entity			Amount Owned by	
of Securities Guaranteed	Title of Issue of Each	Total Amount	the Company for	
by the Company for which	Class of Securities	Guaranteed and	which Statement	Nature of
Statement is Filed	Guaranteed	Outstanding	is Filed	Guarantee

- Not applicable-

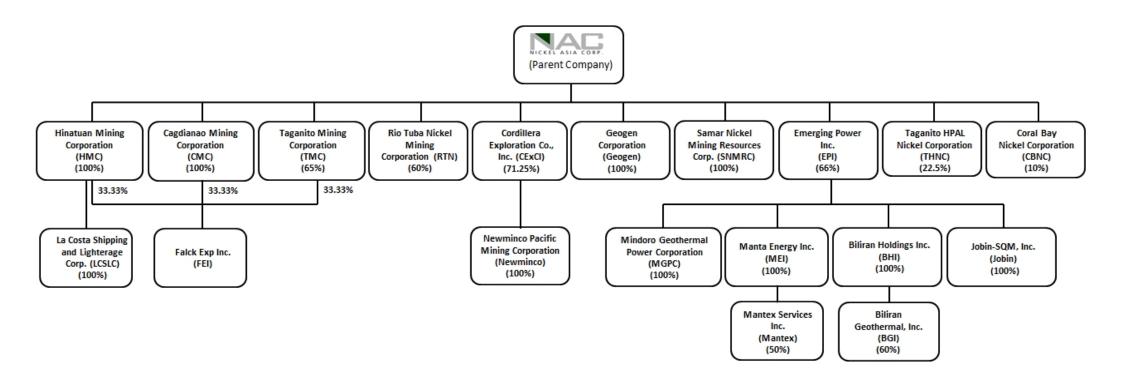


Schedule H. Capital Stock December 31, 2015

			Number of Shares	Number of Shares Held By		
	Number of Shares	Number of Shares Issued and	Reserved for Options, Warrants, Conversions and		Directors, Officers and	
 Title of Issue	Authorized	Outstanding	Other Rights	Affiliates	Employees	Others
Common Stock	19,265,000,000	7,596,939,456	76,284,344	5,167,816,532	997,716,608	1,431,406,316
Preferred Stock	720,000,000	720,000,000	_	720,000,000	_	_



## SCHEDULE IV NICKEL ASIA CORPORATION AND SUBSIDIARIES A MAP SHOWING THE RELATIONSHIPS BETWEEN AND AMONG THE COMPANY AND ITS ULTIMATE PARENT COMPANY, MIDDLE PARENT, SUBSIDIARIES, CO-SUBSIDIARIES AND ASSOCIATES PURSUANT TO SRC RULE 68, AS AMENDED **DECEMBER 31, 2015**



Note: There is no pyramid ownership structure and/or cross holding structure.



# SCHEDULE V NICKEL ASIA CORPORATION AND SUBSIDIARIES SCHEDULE SHOWING FINANCIAL SOUNDNESS PURSUANT TO SRC RULE 68, AS AMENDED DECEMBER 31, 2015

	2015	2014
A. Liquidity ratios		
Current ratio	2.16	9.74
Quick ratio	1.69	8.13
Solvency ratio	3.40	8.22
B. Financial leverage ratios		
Debt ratio	0.29	0.12
Debt-to-equity ratio	0.42	0.14
Interest coverage	61.78	321.66
Asset-to-equity ratios	1.42	1.14
C. Profitability ratios		
Net profit margin analysis	0.20	0.44
Return on assets	0.07	0.31
Return on equity	0.10	0.36
Gross profit margin	0.57	0.77
Price/earnings ratio	23.15	14.04



#### **CERTIFICATION**

The Nickel Asia Corporation (NAC) Properties are: Rio Tuba Nickel Mining Corporation (RTN) located at Brgy. Rio Tuba, Bataraza, Palawan; Taganito Mining Corporation (TMC) located at Brgy. Taganito, Claver, Surigao del Norte; Cagdianao Mining Corporation (CMC) located at Brgy. Valencia, Cagdianao, Surigao del Norte; Hinatuan Mining Corporation (HMC) located at Hinatuan Island, Taganaan, Surigao del Norte and Geogen Corporation (Geogen) located at Dinapigue, Isabela.

As of December 31, 2015, the Company's Total Ore Reserves in accordance with the Philippine Mineral Reporting Code (PMRC) are as follows:

Ore	Class	Tonnes (kWMT)	Tonnes (kDMT)	% Ni	% Fe	Contained Ni (kt)
Ore Reserve	es					
Saprolite	Proved and Probable	114,904	78,341	1.51	12.01	1,184
Limonite	Proved and Probable	271,236	181,926	1.14	41.69	2,082

The undersigned is issuing this certification in his capacity as PMRC Competent Person accredited by the Philippine Society of Mining Engineers for the ore reserves declared by the Company for its properties. The undersigned is fully aware that, being under the employ of Nickel Asia Corporation, his certification may be subjected to review or scrutiny by other independent CP's whom the concerned government institution(s) of financing bodies might choose to employ.

ROLANDO R. CRUZ

Mining Engineer, License No. 1803 PMRC Competent Person for Ni and Au

PTR No. A-2830649 Issued: 20 January 2016, Taguig City

#### CERTIFICATION

The Nickel Asia Corporation (NAC) Properties are: Rio Tuba Nickel Mining Corporation (RTN) located at Brgy. Rio Tuba, Bataraza, Palawan; Taganito Mining Corporation (TMC) located at Brgy. Taganito, Claver, Surigao del Norte; Cagdianao Mining Corporation (CMC) located at Brgy. Valencia, Cagdianao, Surigao del Norte; Hinatuan Mining Corporation (HMC) located at Hinatuan Island, Taganaan, Surigao del Norte and Geogen Corporation (Geogen) located at Dinapigue, Isabela.

As of December 31, 2015, the Company's Total Mineral Resources in accordance with the Philippine Mineral Reporting Code (PMRC) are as follows:

Ore	Class	Tonnes (kWMT)	Tonnes (kDMT)	% Ni	% Fe	Contained Ni (kt)	
Mineral Resources							
Saprolite	Measured and Indicated	162,266	108,218	1.50	12.01	1,620	
Limonite	Measured and Indicated	283,659	190,007	1.12	42.57	2,121	
Saprolite	Inferred	49,984	32,361	1.33	13.11	432	
Limonite	Inferred	19,023	12,732	1.11	38.29	142	

The undersigned is issuing this certification in his capacity as Competent Person accredited by the PMRC and as an active member of the Geological Society of the Philippines for the resource declared by the Company for its properties.

RADEGUNDO S. DE LUNA

Geologist, License No. 218

Competent Person for Nickel, PMRC No. 07-12-05 PTR No. 4856591 Issued: 2016-01-07 Antipolo City