



Republic of the Philippines  
Department of Environment and Natural Resources  
**MINES AND GEOSCIENCES BUREAU - REGION VIII**

# EASTERN VISAYAS REGIONAL MINERAL PROFILE 2020



## BASIC INFORMATION

Provinces: 6  
Cities: 7  
Municipalities: 136  
Barangays: 4390  
Population: 4,440,150  
(as of 2015 Census)

## EXTRACTION AND OTHER FEES



Php 10,041,797.00  
Collected by the provincial  
Treasurer's Office from  
the mining industry.



## TOTAL LAND AREA & MINERALL POTENTIAL

2,225,343 has  
ONLY 2.23%  
Or 49,581.75  
COVERED BY MINING  
TENEMENTS

## FEES AND CHARGES



Php 23,937,881.36  
National and local taxes  
and fees generated



## NUMBER OF OPERATING MINES

4 Operating Metallic  
Mining Projects  
30 ISAG

## GROSS OUTPUT



Php 455,723,064  
Production Value of SAG  
& Chromite concentrate,  
nickel ore, iron concentrate  
in Eastern Visayas

## ENVIRONMENTAL PROTECTION & REHABILITATION



Total area planted for  
mining forest and national  
greening programs.  
159.0073

AEPEP AMOUNT SPENT  
FOR CY 2019  
Php 21,361,671.92

AEPEP AMOUNT  
ALLOCATED  
FOR CY 2019  
Php 63,867,194.78



## EMPLOYMENT

720 jobs  
Generated in  
Eastern Visayas  
As of December 2020

## SOCIAL DEVELOPMENT PROGRAM



ASDMP Amount allocated  
for CY 2020  
Php 20,609,459.92

“MINING SHALL BE PRO-PEOPLE AND PRO-ENVIRONMENT  
IN SUSTAINING WEALTH CREATION AND IMPROVED QUALITY OF LIFE”

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# EASTERN VISAYAS

## Mineral Profile

### I. GENERAL INFORMATION

**Region:** *Eastern Visayas (Region VIII)*

**Population (as of 2015):** 4,440,150

**Income classification:** 1<sup>st</sup> Class

**Major economic activities:** *farming, fishing, mining*

**Total Land Area:** 2,225,343 hectares



Eastern Visayas or Region VIII is composed of the main Islands of Leyte, Biliran, and Samar joined by the famous 2.7 kilometers San Juanico Steel Bridge (Leyte – Samar) spanning across the San Juanico Strait. It is composed of six (6) provinces, namely, Leyte, Southern Leyte, Biliran, Samar (Western Samar), Eastern Samar and Northern Samar, one highly urbanized city, one independent component city, five component cities, 136 municipalities and 4,390 barangays. The highly urbanized city of Tacloban is the Eastern Visayas Regional Center (EVRC). The provinces and cities occupy the easternmost islands of the Visayas group of islands.

Eastern Visayas is one of the three regions situated in the middle of the Philippines and serves to link the islands of Luzon and Mindanao through

the National Maharlika Highway that runs through it. It is bounded on the east and north by the Leyte Gulf, Philippine Sea and the Pacific Ocean with the San Bernardino Strait separating Samar island from southeastern Luzon; on the west by the Maqueda Bay, Camotes and Visayan seas, and on the south by the Bohol Sea with the Surigao Strait separating Leyte island from northwestern Mindanao.

It has a total land area of 2,225,343 hectares or 7.2% of the country's total land area.

The region's sea and inland waters are rich sources of salt and fresh water fish and other marine products. It is one of the fish exporting regions of the country. There are substantial forest reserves in the interiors of the islands. Its mineral deposits include chromite, uranium (in Samar), gold, silver, manganese, magnesium, bronze, nickel, clay, coal, limestone, pyrite and sand and gravel.

Eastern Visayas is primarily an agricultural region with rice, corn, coconut, sugarcane and banana as its major crops. Primary sources of revenue are manufacturing, wholesale and retail trade and services. Mining, farming, fishing and tourism contribute significantly to the economy. Manufacturing firms include mining companies, fertilizer plants, sugar central, rice and corn mills and other food processing plants. Tacloban is the hub of investment, trade and development in the region.

Other industries include coconut oil extraction, alcohol distilling, beverage manufacture and forest products. Home industries include hat and basket weaving, metal craft, needlecraft, pottery, ceramics, woodcraft, shell craft and bamboo craft.

## II. LAND AREA AND MINERAL POTENTIAL

The region has a total land area of 2,225,343 hectares. The total area covered by approved mining rights is only 2.23% or 49,581.7565 hectares of the total land area of the region.

It is important to note that out of the region's total land area, only 0.07% or 1,580 hectares are covered by operating mines out of 49,581.7565 approved mining rights.

### Number of Mining Rights Issued by MGB Region-8

TENEMENT TYPE	APPROVED MINING RIGHTS (AREA)	NUMBER
MINERAL PRODUCTION SHARING AGREEMENT (MPSA)	48,954.7505	18
SAND AND GRAVEL INDUSTRIAL PERMIT (SGIP)	267.8682	28
MINAHANG BAYAN	80.0000	5
<b>TOTAL</b>	<b>49,302.6187 has.</b>	<b>41</b>

### III. MINERAL RESOURCES DEVELOPMENT PROJECTS

Eastern Visayas hosts four (4) metallic mines:

	<b>Mining Projects/ Operators</b>
<b>2 chromite mines</b>	<ul style="list-style-type: none"><li>• Chromiteking Mining Corp. operated by Techiron Res. Inc. located in Homonhon Island, Guiuan, Eastern Samar</li><li>• Mt. Sinai Resources and Exploration Corporation located in Homonhon Island, Guiuan, Eastern Samar</li></ul>
<b>1 nickel mine</b>	<ul style="list-style-type: none"><li>• Emir Mineral Resources Corporation</li></ul>
<b>1 magnetite sand mine</b>	<ul style="list-style-type: none"><li>• Strongbuilt Mining Development Corp. located in MacArthur, Leyte.</li></ul>

#### **IV. ECONOMIC CONTRIBUTION**

##### **➤ Gross Regional Domestic Product (GRDP)**


The Mining and Quarrying operations of the Permit Holders issued by this Office contributed an estimated of PhP455 million to the total GRDP of Region VIII for 2020 which is comparatively lower than the 470 million contribution of the mining industry last 2019. The primary reason is the adverse impact of the prevailing Covid-19 pandemic.

GRDP is the aggregate of gross value added (GVA) of all resident producer units in the region. Addition of the GRDP of all regions will yield the Gross Domestic Product.

The tables below show the production and sales of mining and quarrying for CY 2020.



## Production

 <b>TABLE-1</b> <b>MINES AND GEOSCIENCES BUREAU REGIONAL OFFICE No. 8</b> <b>Mineral Production By Mineral Commodity</b> <b>2020</b>			
Mineral Commodity / Mineral Products	Unit Used	PRODUCTION 2020	
		Quantity	Value in Pesos (Based on Selling Price)
Copper (Metal)	MT		
Chromite (Large Scale)	DMT	36,058.44	303,971,751.51
Chromite (Small Scale)	DMT	1,092.00	2,456,681.00
Nickel Ore	DMT	12,350.77	8,676,545.20
Iron Concentrate	DMT	48,772.00	45,179,014.40
Total Metallics		<b>98,273.21</b>	<b>360,283,992.11</b>
Quicklime	MT		
Rivermix	CU.M	-	-
Sand & Gravel	CU.M	257,871.20	95,439,071.89
Slaked Lime/Hydrated	MT		
Total Metallics		<b>257,871.20</b>	<b>95,439,071.89</b>
TOTAL METALLICS		98,273.21	360,283,992.11
TOTAL NON METALLICS		257,871.20	95,439,071.89
<b>TOTAL METALLICS AND NON-METALLICS for MGB REGION 8</b>		<b>356,144.41</b>	<b>455,723,064.00</b>

The metallic production and exportation of chromite concentrate by Chromiteking, Inc. operated by Techiron, Inc., one of the largest operating mines in the region located in Homonhon Island, Guiuan, Eastern Samar, considerably decreased due to the limitations in the operations and exportation of chromite in light of the imposed quarantine measures and protocols.

**Production of Metallic Minerals By Chomiteking, Inc. ( operated by Techiron, Inc.)**

<b>CY</b>	<b>Production (Quantity) (DMT)</b>	<b>Value (in peso)</b>
2019	45,476.00	356,531,840.00
2020	36,058.44	303,971,751.51

However, Strongbuilt Mining Development Corporation (SBDC) operated by MacArthur Iron Project Corporation (MIPC), with concession areas covering the municipalities of Dulag, Mayorga, MacArthur, Javier and Abuyog, Leyte, and producer of magnetite sand started its operation in late 2020. In addition, Nickelace Incorporated, also located in Homonhon Island, Guiuan, Eastern Samar, resumed its operations last year. The following table shows the respective production of the aforesaid mining companies:

<b>Permit Holder</b>	<b>Commodity</b>	<b>Production (Quantity) (DMT)</b>	<b>Value (in peso)</b>
Strongbuilt Mining Development Corporation (SBDC) operated by MacArthur Iron Project Corporation (MIPC)	Magnetite Sand	48,772.00	45,179,014.40
Nickelace Incorporated	Nickel ore	12,350.77	8,676,545.20



On the other hand, the production of the small scale mining also decreased due to the expiration of the two (2) small-scale mining contractors. By the end of 2020, there were only two (2) small-scale mining contractors that were operating.

The non-metallic production of Sand and Gravel in the Region also decreased due to the existing pandemic despite the increase of approved Sand and Gravel Industrial Permits (SGIP). By the end of 2020, there were thirty (30) approved Sand and Gravel Industrial Permits. The total volume of production of sand and gravel for 2020 decreased to 257,871.20 cubic meters with the value of PhP 95,439,071.89 pesos as compared to the 2019 production.

**Production of Non-Metallic Minerals for CY 2020**

<b>CY</b>	<b>Production (Quantity) (CU.M.)</b>	<b>Value (in peso)</b>
2019	267,732.30	102,471,626.00
2020	257,871.20	95,439,071.89


➤ **EXPORTS**

- For CY 2020, total chromite concentrate exported was 37,617.00 dry metric tons valued at Php 289,421,861.06.

Country of Destination/ Name of Company	(Quantity) ( DMT)	Exports Value	
		Value (in peso)	Value (US \$)
<i>CHINA/</i>			
Chromiteking, Inc./Techiron	37,617.00	289,421,861.06	7,107,164.56
<b>TOTAL</b>	<b>37,617.00</b>	<b>289,421,861.06</b>	<b>7,107,164.56</b>

## ➤ EMPLOYMENT

For 2020, there are 720 personnel currently employed in both operating metallic and non-metallic mines in the region. The employment rate decreased due to the cessation and/or limited mining operations of permit holders brought by the Covid 19 pandemic.

 <b>MINES AND GEOSCIENCES BUREAU</b> <b>REGIONAL OFFICE No. 8</b> <b>ANNUAL EMPLOYMENT OF OPERATING METALLIC and NON-METALLIC MINES &amp; QUARRIES</b> <b>YEAR 2020</b>						
PROVINCE	Contractor/Permit Holder	Mining Tenements/Permit	Location	EMPLOYMENT 2020		
				Female	Male	Total
<b>Eastern Samar</b>				<b>66</b>	<b>329</b>	<b>395</b>
	Chromiteking, Inc. MOA with Techiron Resources, Inc.	MPSA-292-2009-VIII (Amended-B)	Homonhon Island, Guiuan, Eastern Samar	56	274	330
	Nickelace, Inc	MPSA-292-2009-VIII Amended A	Homonhon Island, Guiuan, Eastern Samar	10	55	65
						-
<b>Samar</b>				<b>4</b>	<b>30</b>	<b>34</b>
				4	30	34
<b>Northern Samar</b>						-
						-
<b>Leyte</b>				<b>46</b>	<b>238</b>	<b>284</b>
	Various Sand and Gravel Permit Issued by MGB-RO8		Leyte	41	232	273
	Strong Built (Mining) Development Corp.	MPSA-254-2007-VIII	Dulag, Mayorga, MacArthur, Javier and Abuyog, Leyte	5	6	11
						-
<b>Southern Leyte</b>				<b>3</b>	<b>4</b>	<b>7</b>
	Various Sand and Gravel Permit Issued by MGB-RO8		Southern, Leyte	3	4	7
<b>Biliran</b>						-
						-
<b>TOTAL</b>				<b>119</b>	<b>601</b>	<b>720</b>

*\*Employment data is based on the submitted Quarterly Investment and Employment report and the Monthly Production, Sales and Employment Data Report submitted by mining companies to the Mines and Geosciences Report under Chapter XXIX, Section 270 of DAO No. 2010-21.*

## ➤ TAXES, OCCUPATION AND EXTRACTION FEES PAID

The amount of excise tax generated from metallic mine operators increased due to the operations of Nickelace, Inc. and SBDC. However, the excise taxes and extraction fees paid by non-metallic mining operators, which are both dependent on production, decreased. Excise tax is imposed on the actual market value of the gross output of mineral products at the time of removal while extraction fee is imposed per cubic meter of production. Meanwhile, the annual occupation fees paid by and collected by the government increased. However, such increase can be attributed to the fact that the payments made in 2020 by the mining operators covered not only for CY 2020 but also for the unpaid occupation fees for years prior.

### ESTIMATED EXCISE TAX PAID FOR METALLIC MINERALS

CY	Estimated Excise Tax (PhP)
2019	15,356,537.78
2020	16,359,430.00

*\*Based on submitted proofs of payments.*

### ESTIMATED EXCISE TAX PAID FOR NON-METALLIC MINERALS

CY	Estimated Excise Tax (PhP)
2019	4,394,740.01
2020	2,059,095.21

*\*Based on submitted proofs of payments.*

The estimated extraction fees also increased due to the increase in production and the approved sand gravel permits for CY 2019. Extraction fees are imposed on every cubic meter of non-metallic minerals extracted and paid to the Provincial/City Treasurer concerned in accordance with pertinent provisions of the Local Government Code.

**ESTIMATED EXTRACTION FEES PAID FOR NON-METALLIC MINERALS**

<b>CY</b>	<b>Estimated Extraction Fees Paid (PhP)</b>
2019	12,635,156.00
2020	10,041,797.00

*\*Based on submitted proofs of payments.*

**ESTIMATED OCCUPATION FEES PAID FOR METALLIC MINERALS**

<b>CY</b>	<b>Estimated Extraction Fees Paid (PhP)</b>
2019	402,650.00
2020	5,519,356.15

*\*Based on submitted proofs of payments.*

## V. SOCIAL DEVELOPMENT AND MANAGEMENT

Total amount committed by the mining companies in the region for the development of their host and neighboring communities through their approved Social Development and Management Program (SDMP) is Php11,379,994.75. Around 11 barangays stand to benefit from the implementation of approved community/social projects.

SDMP refers to the comprehensive 5-Year plan of the Contractor authorized to conduct actual mining and milling operations towards the sustained improvement in the living standards of the host and neighboring communities by creating responsible, self-reliant and resource-based communities capable of developing, implementing and managing community development programs, projects, and activities in a manner consistent with the principle of people empowerment.

### Summary of Approved 5-Year Social Development and Management Programs (SDMP), By Region

Mining Company	Commitment in PhP (based on 2020 Annual Approved SDMP)
Chromiteking Inc. – Techiron Resources Inc.	4,859,994.75
Nickelace Inc.	6,500,000.00
Strong Built (CMP)	20,000.00
ISAG	9,229,465.17
<b>Total</b>	<b>20,609,459.92</b>

## **SDMP OF CHROMITEKING INC. Operator: TECHIRON RESOURCES, INC.**

### A. Livelihood Programs

### B. Health Program

- Provision of facemasks, alcohols and vitamins
- Medical Assistance and provision of medicine
- Feeding program for malnourished children and provision of medicines
- Provision of medical kits/equipment

#### ❖ Services

- Community lighting (daily fuel subsidy)
- Improvement of water system

### C. Educational Support Programs

#### ❖ College Scholarship

#### ❖ Miscellaneous fees of 3<sup>rd</sup> and 4<sup>th</sup> year high school students

#### ❖ Financial Assistance (3<sup>rd</sup> and 4<sup>th</sup> year High School)

### D. Information, Education & Communication (IEC) Campaign

- IEC community presentations
- Publications/Media (Kasayuran newsletter)

### E. Socio-cultural support

- Financial assistance for barangay fiesta celebrations
- Maintenance of Magellan's Shrine
- Financial assistance for the annual celebration of Magellan's landing

## **SDMP OF STRONG BUILT MINING DEVELOPMENT CORP.**

### **A. Health and Sanitation**

- Medical Mission
- Maintenance of Barangay Access Road
- Bayanihan to Heal As One (Realignment of SDMP Fund)
  - Provision of sacks of rice
  - Provision of surgical face masks

### **B. Education**

- Brigada Eskwela
- Provision of Bondpapers and Ink

### **C. Socio-Cultural**

- Annual Fiesta Celebration
- Financial Assistance for Christmas Party

## **SDMP OF NICKELACE INCORPORATED**

### **A. Health**

- Provision of facemasks, alcohols and health kits

### **B. Education**

- Assistance to schools in the provision of school supplies

### **C. Livelihood Programs**

### **D. Public Utilities**

### **E. Socio-Cultural**

- Fiesta celebration, donations



## **SDMP OF INDUSTRIAL SAND AND GRAVEL PERMIT HOLDERS**

### **A. Development of Host and Neighboring Communities**

- Education
  - School Supplies
  - Assistance to school projects
- Public Utilities
  - Road maintenance
  - Assistance for other barangay infrastructure projects
- Health
  - Medicines
- Socio-cultural preservation
  - Religious celebration
  - Other barangay activities/projects
- Livelihood Programs

### **B. Information, Education and Communication**

- Pulong-pulong/Barangay Session
- IEC materials, equipment, signages and poster

### **C. Development of Mining Technology and Geosciences**

- Research/Studies for the DMTG

## **VI. ENVIRONMENTAL PROTECTION AND MANAGEMENT**

The total amount committed by the mining companies and industrial sand and gravel permit holders operating in the province for the implementation of their approved plans/programs/projects/activities under their Environmental Protection and Enhancement Programs (EPEP) for 2020 is PhP 69,665,226.28.

EPEP refers to the comprehensive and strategic environmental management plan for the life of the mining project on which Annual EPEPs are based and implemented to achieve the environmental management objectives, criteria and commitments including protection and rehabilitation of the disturbed environment.

The total also covers the amount committed by the mining companies operating in the province for the Final Mine Rehabilitation and/or Decommissioning Plans (FMR/DP). FMR/DP is an integral component of the EPEP that specifically deals with mine closure. While Final Mine Rehabilitation and/or Decommissioning Fund is the financial mechanism established by a Contractor/Operator to support the implementation of the FMR/DP.

### **➤ MINING FOREST PROGRAM**

A total 180,383 seedlings were planted by operating mines in 172.91 hectares of mined-out and other areas in the region for 2020.