

**Bicol Region's Metallic Production Increased by 8%**  
**(A Mines and Geosciences Bureau Regional Office No. V - 2019 Year End Review)**

The metallic mineral production value ended the year with an 8% growth, from P14.58 billion in 2018 to PhP15.74 billion in 2019, up by PhP1.16 billion (Table 1). Gold production has registered an increase of 8% from 14.45 billion to 15.61 billion while silver production registered an increase of 5% from PhP130.93 million in 2018 to 137.89 million in 2019. This was attributed to higher head grade and mill recovery. This was also produced by the lone metallic producer in Bicol Region, Masbate Gold Project in Puro, Aroroy, Masbate. The Masbate Gold Project was cited by MGB Central Office as the top key players in gold production for CY2019 (refer to 2019 Year End Review of MGB).

Table 1: BICOL REGION METALLIC PRODUCTION CY 2018 vs. 2019							
Mineral Commodity	Unit Cost	2019		2018		Growth Rate %	
		Volume	Estimated Value (PhP)	Volume	Estimated Value (PhP)	Volume	Estimated Value
Gold	kg	5,135.92	15,605,957,434.79	6,733.84	14,452,717,429.88	-24%	8%
Silver	kg	6,623.43	137,889,688.78	4,925.08	130,928,881.56	34%	5%
<b>TOTAL METALLIC</b>		<b>11,759.35</b>	<b>15,743,847,123.57</b>	<b>11,658.92</b>	<b>14,583,646,311.44</b>	<b>1%</b>	<b>8%</b>

The production of non-metallic minerals including aggregates, armor rock, bentonite, boulder, earthfill, limestone, perlite, pumice, sand and gravel, Silica Sand, Zeolite posted a negative growth of 28% from PhP786.98 million in 2018 to PhP566.84 million, down by 220.14 million (Table2). However, Silica Sand posted an increase of 113% from PhP2.1 million in 2018 to Php 4.7 million in 2019. Another non-metallic commodity that have positive growth rate is limestone that posted an increase of 94% from Php26.99 million in 2018 to Php 52.28 million in 2019. The rest of the non-metallic commodities posted negative growth rate for CY 2019 compared from CY 2018 production.

Table 2: BICOL REGION NON-METALLIC PRODUCTION CY 2018 vs. 2019							
Mineral Commodity	Unit Cost	2019		2018		Growth Rate %	
		Volume	Estimated Value (PhP)	Volume	Estimated Value (PhP)	Volume	Estimated Value
Aggregate	cu.m.	3,150.00	465,102.94	22,050.00	3,234,825.59	-86%	-86%
Armor Rock	cu.m.	9,350.00	1,350,271.96	11,400.00	1,661,287.83	-18%	-19%
Bentonite	cu.m.	4,200.00	600,000.00	3,900.00	663,000.00	8%	-10%
Boulder	cu.m.	385,550.00	56,326,878.07	546,050.00	79,618,101.81	-29%	-29%
Clay	MT	-	-	13,000.00	5,200,000.00	-100%	-100%
Earthfill	cu.m.	402,273.00	47,952,663.48	481,169.00	58,493,666.68	-16%	-18%
Limestone	cu.m.	681,455.00	52,277,600.00	336,668.00	26,990,240.00	102%	94%
Marble	MT	-	-	2,000.00	800,000.00	-100%	-100%
Perlite	MT	6,608.00	3,964,800.00	7,141.20	4,593,859.20	-7%	-14%
Pumice	cu.m.	450.00	300,800.00	3,270.00	1,996,600.00	-86%	-85%
Sand & Gravel	cu.m.	2,963,813.72	398,877,476.04	1,632,587.50	601,433,901.35	82%	-34%
Shale Clay	MT	-	-	936.00	93,600.00	-100%	-100%
Silica Sand	cu.m.	36,000.00	4,704,000.00	27,800.00	2,205,000.00	29%	113%
Zeolite	cu.m.	100.00	24,000.00	-	-		
<b>TOTAL NON-METALLIC</b>			<b>566,843,592.49</b>		<b>786,984,082.46</b>		<b>-28%</b>
<b>GRAND TOTAL</b>			<b>16,310,690,716.06</b>		<b>15,370,630,393.90</b>		

The mining industry plays a very important role in the country's economic development and this can be measured through taxes and fees paid on mining and related activities collected by the government both by National and Local Government. An increase of 9% in taxes paid by mining companies (Table 3) was noted from PhP 2.53 billion in 2018 to PhP 2.76 billion in 2019.

Mining Company	2019	2018	Growth Rate %
	Taxes Paid (PhP)	Taxes Paid (PhP)	Taxes Paid (PhP)
FRC/PGPRC	2,497,326,327.32	2,203,575,808.23	13%
RRMI	14,045,748.83	4,901,637.17	187%
IRDC/GCC	18,837,297.54	16,145,559.82	17%
UBS MKTG	271,872.00	221,760.00	23%
OROPHIL**	5,299.20	5,299.20	0%
<b>SUB-TOTAL</b>	<b>2,530,486,544.89</b>	<b>2,224,850,064.42</b>	<b>14%</b>
LGU Albay ***	<b>225,012,663.90</b>	<b>307,523,096.21</b>	<b>-27%</b>
<b>GRAND TOTAL</b>	<b>2,755,499,208.79</b>	<b>2,532,373,160.63</b>	<b>9%</b>


\* Taxes paid includes excise tax, withholding taxes, Income tax, VAT, Real Property Tax, Business Tax, CTC, Occupations fees, Customs duties, port charges, other taxes

\*\* estimated excise tax only; \*\*\* taxes collected by LGU Albay


In terms of job generation, the total average workforce of metallic and non-metallic (large scale) mines was recorded at 2,113 in 2019 and 2,055 in 2018, an increase of 3% in growth rate.

Mining Company	2019	2018	Growth Rate %
FRC/PGPRC	1,949	1,961	-1%
RRMI	104	40	160%
IRDC	34	18	89%
UBS MKTG	19	19	0%
OROPHIL	7	17	-59%
<b>TOTAL</b>	<b>2,113</b>	<b>2,055</b>	<b>3%</b>

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