

**Q4 2019 VS. Q4 2018 AND Q3 2019**

**AGENCY: DENR - Mines and Geosciences Bureau**

**Volume of Mineral Production**

Indicator	Accomplishments			Percent Change		Reasons for Changes	
	Q4 2018	Q3 2019	Q4 2019	Year-on-Year	Quarter-on-Quarter	Year-on-Year	Quarter-on-Quarter
	A	B	C				
REGION 1							
Limestone (MT)	666,493.00	718,234.99	783,983.00	17.63	9.15	Improved crushing rate @ Holcim Mining & Development Corporation/Less shutdown activities @ Northern Cement Corp.	
Calcareous Sandstone (Cu. m.)	153.00	56,422.00	134.00	-12.42	-99.76	Some workers transferred to the construction industry	Increased demand from customers
Pebbles (Cu. m.)	4,978.00	5,136.00	132,097.90	2553.63	2472.00	Issuance of a Directive by The Acting Director, MGB suspending the processing of all Mineral Ore Transport Permit Applications (MOEP) for Commodities covered by Mining Permits issued by the Local Government Units	
Silica (MT)	10,713.00	14,960.60	6,065.50	-43.38	-59.46	Only one (1) permittee operated during the quarter	
Shale (MT)	80,262.43	126,901.60	145,671.00	81.49	14.79	Less shutdown activities @ Northern Cement Corporation	
Zeolite (MT)	1,199.75	972.92	1,521.90	26.85	56.43	Stockpiling and increased demand from customers	
Bentonite (MT)	199.97	616.70	673.73	236.92	9.25	Stockpiling and increased demand from customers	
Sand and Gravel (Cu. m.)	966,824.44	657,993.13	1,144,126.87	18.34	73.88	Various road projects being implemented in the region	

Indicator	Accomplishments			Percent Change		Reasons for Changes	
	Q4 2018	Q3 2019	Q4 2019	Year-on-Year	Quarter-on-Quarter	Year-on-Year	Quarter-on-Quarter
	A	B	C				
Cement (bags)	12,977,866.53	10,983,000.00	11,356,522.60	-12.49	3.40	Low cement demand @ Northern Cement Corporation	Less shutdown activities @ Northern Cement Corporation
Clinker	6,406,061.75		11,356,522.60	77.28	#DIV/0!		

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	Q4 2018	Q3 2019	Q4 2019	Year-on-Year	Quarter-on-Quarter	Year-on-Year	Quarter-on-Quarter
	A	B	C				
ILOCOS NORTE							
Sand and Gravel (Cu. m.)	134,556.60	73,514.00	179,476.00	33.38	144.14	Most of the permits are in the process of renewal	Various road projects being implemented in the province
Pebbles (Cu. m.)			Expired				
Magnetite Sand (MT)							
ILOCOS SUR							
Sand and Gravel (Cu. m.)	42,969.50	73,514.00	54,327.40	26.43	-26.10	Most of the permits are in the process of renewal	Various road projects being implemented in the province
Calcareous Sandstone (Cu. m.)	153.00	56,422.00	134.00	-12.42	-99.76	Some workers transferred to the construction industry	Increased demand from customers
LA UNION							
Limestone (MT)	350,671.00	331,275.99	421,510.00	20.20	27.24	Improved crushing rate @ Holcom Mining & Development Corporation	
Pebbles (Cu. m.)	4,978.00	5,136.00	132,097.90	2553.63	2472.00	Issuance of a Directive by The Acting Director, MGB suspending the processing of all Mineral Ore Transport Permit Applications (MOEP) for Commodities covered by Mining Permits issued by the LGUs	Increased demand from customers

Indicator	Accomplishments			Percent Change		Reasons for Changes	
	Q4 2018	Q3 2019	Q4 2019	Year-on-Year	Quarter-on-Quarter	Year-on-Year	Quarter-on-Quarter
	A	B	C				
Sand and Gravel (Cu. m.)	177,182.60	105,274.26	4,747.00	-97.32	-95.49	Some permittees are still in the process of renewal	Various road projects are being implemented in the province
Cement (bags)							

Indicator	Accomplishments			Percent Change		Reasons for Changes	
	Q4 2018	Q3 2019	Q4 2019	Year-on-Year	Quarter-on-Quarter	Year-on-Year	Quarter-on-Quarter
	A	B	C				
PANGASINAN							
Limestone (MT)	315,822.00	386,959.00	362,473.00	14.77	-6.33	Less shutdown activities at Northern Cement Corporation	
Silica (MT)	10,713.50	14,960.00	6,065.00	-43.39	-59.46	Only one (1) permittee operated during the quarter	
Shale (MT)	80,262.43	126,901.00	145,671.00	81.49	14.79	Less shutdown activities @ Northern Cement Corporation	Low cement demand @Northern Cement Corporation
Zeolite (MT)	1,199.75	972.00	1,521.90	26.85	56.57	Stockpiling and increased demand from customers	
Bentonite (MT)	199.97	616.00	673.73	236.92	9.37	Stockpiling and increased demand from customers	
Sand and Gravel (Cu. m.)	612,115.74	405,690.87	905,576.47	47.94	123.22	Various road projects being implemented in the province	
Cement (bags)	#####	10,983,000.00	11,356,522.60	-12.49	3.40	Low cement demand @ Northern Cement Corporation	
Clinker (Bags)	6,406,061.75		11,356,522.60	77.28	-100.00		