



Department of Environment and Natural Resources

**MINES & GEOSCIENCES BUREAU**

Regional Office No. X

Macabalan, Cagayan de Oro City

**PART 1: SUMMARY OF OPERATING MINES & QUARRIES**

**CY 2017**

MINERAL COMMODITY	NUMBER OF PERMIT HOLDERS
<b>METALLICS</b>	
Medium to Large Scale	
Chromite	
Copper with Gold & Silver	
Gold	
Gold with silver	
Nickel	
Nickel Concentrate	
Zinc	
Sub-total	
Small Scale	
Chromite	
Gold	
Iron Ore	
Manganese	
Magnetite	
Others (Please specify the commodity)	
Sub-total	
<b>TOTAL METALLICS</b>	
<b>NON-METALLICS</b>	
Aggregates (Base Course, Blasted Rocks, Ballastro, Crushed Rock, Rock Materials,	
Basalt	
Boulder	<b>16</b>
Andesite	
Asbestos	
Clay( Black Clay, Red Clay, White Clay)	
Ball Clay	
Bentonite	
Kaolin Clay	
Clinker	
Cinder (Black Cinder, Red Cinder)	
Decorative Stones (Flatstone, Mactan Stone, Ara-al Stone)	
Pebbles	
Serpentine	
Diorite	
Dolomite	
Filling Materials (Selected Borrow, Waste Materials, Earthfill, Escombros,	<b>14</b>
Feldspar	
Guano	
Rock Phosphate	
Diatomaceous Earth	
Gypsum	
Limestone	
Limestone for Cement	<b>3</b>
Limestone for Construction Materials	
Limestone for Agricultural Use	
Limestone for Industrial Use	<b>13</b>
Buguities Shells	
Lime	
Hydrated Lime	
Slaked Lime	
Quicklime	
Magnesite	
Marble	
Marbleized Limestone	
Mica	



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Perlite	
Pumice	
Pyrite	
Pozzolan	<b>1</b>
Salt	
Sandstone (Calcereous Limestone)	
Graywacke	
Sand and gravel (Rivermix)	<b>224</b>
Sand (White sand)	
Gravel	
Schist (Phyllite Schist)	<b>5</b>
Shale	<b>4</b>
Silica (Weathered Silicious)	
Silica Clay	
Silica Quartz	
Silica Sand	
Volcanic Rock (Tuff, Adobe)	
Zeolite	
<b>TOTAL NON-METALLICS</b>	<b>280</b>







