

MINERAL RESOURCES OF BICOL REGION*

PROVINCE/MUNICIPALITY BARANGAY	MINERAL COMMODITY	ESTIMATED RESERVES (In MT)	GRADE ANALYSIS
CAMARINES NORTE			
1. JOSE PANGANIBAN			
Sta Rosa Sur	Gold, Silver	2,743,966	Geol. Reserve: 6.2 g/MT
		(Geologic Reserve)	
Bagumbayan	Gold, Silver	1,503,000	0.66 g/MT Gold
Sta. Barbara, Luklukan Sur	Gold, Silver	1,487,000	Positive: 13.45 g/MT Au
		(Positive Ore)	17.00 g/MT Ag
			0.24% Pb
			0.26% Zn
Poblacion	Gold, Silver	1,311,000	Total : 4.11 g/MT Au
		(Total Reserve)	
Larap	Iron	12,589,974	Total : 0.29% Cu
		(Total Reserve)	0.04% Mo
			3.00% S
			10.00% Fe
Nakalaya	Iron	4,000,000	
		(Total Reserve)	
Sitio Igang, San Rafael	Marbleized Limestone	1,285,200 cu.m.	
2. Paracale			
Longos	Gold, Silver	11,448,305	
		(Total Reserve)	
Longos	Lead, Zinc	226,444	
		(Total Reserve)	
Malaguit	Gold, Silver	1,350,000	
		(Total Reserve)	
Gumaus	Gold	500,000	Positive: 3.10 g/MT Au
		(Total Reserve)	
Pinagbirayan	Iron Lump Ore	451,376	57.8% Iron Lump Ore
		(Total Reserve)	
Bulalacao	Lead	150,593	0.26% Pb
		(Total Reserve)	
Tugos	Gold	22,372	1.938 g/MT Au
	Silver	(Positive Ore)	7.435 g/MT Ag

PROVINCE/MUNICIPALITY BARANGAY	MINERAL COMMODITY	ESTIMATED RESERVES (In MT)	GRADE ANALYSIS
CAMARINES NORTE			
Sitio Tapukan	Gold	10,800	
	Silver		
Tawig	Ball Quartz	400,000	99.00% SiO ₂
Casalugan Area	Silica Sand	3,800,000	99.20% SiO ₂
Batobalani	Marbleized Limestone	13,500,000	92.00% CaO
Mampungo	Silica Clay	65,000	
3. Labo			
Potot and Malancao, Basud	Gold	1,340,000	2.19 g/MT Au
1		(Total Reserve)	
Napaod	Iron Lump Ore	100,000	55.0% Iron Lump Ore
		(Total Reserve)	
Mt. Cadig	Iron in laterite	83,129,840	30.0% Fe
		(Total Reserve)	
Matogdon	Gold	1,340,000	2.19 g/MT Au
		(Total Reserve)	
Bulhao Daguit Masalongsalong	Kaolin/ White Clay	4,000	46.17% SiO ₂
Bo. Namukanan, Daguit	Marbleized Limestone	13,500,000	
Naboongan	Marble	90,000 cu.m.	
4. Capalonga			
Mataqui	Iron Lump Ore	1,171,620	58.8% Iron Lump Ore
		(Total Reserve)	(57.68% Fe, 0.11-5.0% Cu)
5. Basud			
San Pascual	Diatomite	699,200	
Caayunan	Diatomite	24,200	
Bicol National Park	Refractory Clay	240,000,000	38.89% SiO ₂
San Felipe	Diatomaceous Earth	35,200	34.55% Al ₂ O ₃

* source: Mineral Resources of Bicol Region, August 1990 & technical report on the Banner Mineral Commodity Program: Marble, Nov. 1994 by Vnarido, Gapuya & JMSLaud.