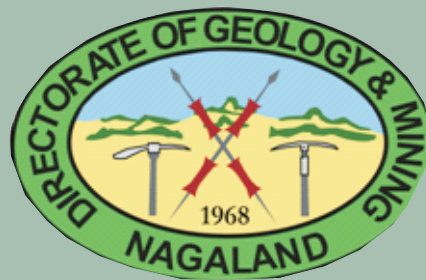




GOVERNMENT OF NAGALAND
DIRECTORATE OF GEOLOGY AND MINING
NAGALAND : DIMAPUR



EXPLORED MINERAL BLOCKS OF NAGALAND STATE

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2022

Government of Nagaland
 Directorate of Geology and Mining
 Dimapur, Nagaland

Sl. No	Features	Details
1	Commodity	COAL
2	Project	Regional Coal Exploration in Northern Khar Coalfield, Mokokchung district, Nagaland (2016).
3	Location	
	Block	NORTHERN KHAR COAL BLOCK
	Village	Khar and Mongchen
	Sub-division	Mangkolemba
	District	Mokokchung
	State	Nagaland
	Toposheet No	SoI 83 J/6 & 7
	Coordinates	Latitude: N 26°27'59.79" to 26°30'37.21" Longitude: E 94°24'51.87" to 94°28'15.54"
4	Accessibility	The NH 702 connecting States of Nagaland and Assam is the main highway running in the area. The block is connected to NH 702 by the 10 km Longnak-Mangkolemba road at Longnak junction. Mokokchung the district headquarter is situated 65 km south east of the block. The nearest railhead is Mariani, Assam and nearest airport is Jorhat situated about 30 km and 47 km north west of the block.
5	Area	8.21 sq.km
6	Exploration status	G2
7	Coal Seam	i. No. of Coal Zone: 9
		ii. No. of mineable coal seam: 20
		iii. Seam thickness : 1.00 – 5.00 m
8	Quality	Non-coking, Moisture % (2-5, Ash %15-40, Sulphur % 3-7 and Gross Calorific value 5000- 6500 K.cal./kg.
9	Resource	i. Inferred (333): 95.04 Million Tonnes
		ii. Reconnaissance (334): 29.29 Million Tonnes

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Sl. No	Features	Details
1	Commodity	COAL
2	Project	Regional Coal Exploration in Changki Coal Block A, Mokokchung district, Nagaland (2019).
3	Location	
	Block	CHANGKI COAL BLOCK A
	Village	Changki
	Sub-division	Mangkolemba
	District	Mokokchung
	State	Nagaland
	Toposheet No	SoI 83 J/7
	Coordinates	Latitude -N 26°26'37.66" to 26°28'24.94" Longitude -E 94°23'25.80" to 94°25'58.97"
4	Accessibility	The NH 702 connecting States of Nagaland and Assam is the main highway running in the area. The block is located above the NH 702. Mokokchung the district headquarter is situated 55 km south east of the block. The nearest railhead is Mariani, Assam and nearest airport is Jorhat situated about 40 km and 57 km north west of the block respectively.
5	Area	8.21 sq.km
6	Exploration status	G2
7	Coal Seam	i. No. of Coal Zone: 9
		ii. No. of mineable coal seam: 19
		iii. Seam thickness : 1.00 – 6.00 m
8	Quality	Non-coking, Moisture % 1.9 -4.4, Ash% 4.8 – 42.30, Sulphur% 3.66 -11.37 and Gross Calorific Value 3947- 7112 K.cal./kg.
9	Resource	i. Indicated (332): 21.83 million tonnes ii. Inferred (333): 14.14 million tonnes iii. Reconnaissance (334): 16.97 million tonnes

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Sl. No	Features	Details
1	Commodity	COAL
2	Project	Regional Coal Exploration in Changki Coal Block B, Mokokchung district, Nagaland (2021)
3	Location	
	Block	CHANGKI COAL BLOCK B
	Village	Changki
	Sub-division	Mangkolemba
	District	Mokokchung
	State	Nagaland
	Toposheet No	SoI 83 J/7
	Coordinates	Latitude: N 26°23'45.529" to 26°27'2.58" Longitude: E 94°21'3.24" to 94°24'37.605"
4	Area	13.70 sq.km
5	Exploration status	G2
6	Accessibility	The NH 702 (Mariani - Mokokchung road) passes through the block. Mokokchung the district headquarter is situated 50 km south east of the block. The nearest railhead is Mariani, Assam and nearest airport is Jorhat situated about 45 km and 62 km north west of the block.
7	Coal Seam	i.No. of Coal Zone: 9
		ii.No. of mineable coal seam: 19
		iii. Seam thickness : 1.00 – 5.00 m
8	Quality	Non-coking, Moisture% 1.6 – 7.8, Ash % 3.5 – 44.30, Sulphur% 2.70 - 6.38 and Gross Calorific Value 3820 - 7415 K.cal./kg.
9	Resource	i. Indicated (332): 85.52million tonnes ii. Inferred (333): 31.89 million tonnes iii. Reconnaissance (334): 18.40 million tones

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Sl. No	Features	Details
1	Commodity	LIMESTONE
2	Project	Exploration for Limestone in Mimi-Pyakatsu block, Kiphire district, Nagaland (2014)
3	Location	
	Block	MIMI-PYAKATSU LIMESTONE BLOCK
	Village	Mimi
	Sub-division	Pungro
	District	Kiphire
	State	Nagaland
	Toposheet No	SoI 83 K/13
	Coordinates	Latitude: N 25°41'42" to 25°43'18" Longitude: E 94°53'18" to 94°55'03"
4	Accessibility	Located 100 km south east of Kiphire town which is the district headquarter. Kiphire is situated at a distance of 340 km from Dimapur, which is the nearest railhead and airport.
5	Area	4.5 sq.km
6	Exploration status	G2
7	Grade	CaO %,54.24 – 56.21 MgO %0.18 – 1.01, Fe ₂ O ₃ %, 0.75 SiO ₂ % 0.21 – 0.25, Al ₂ O ₃ % 0.21 – 0.60 & LOI % 42.02 – 44.35.
8	Resource	i. Indicated (332): 25.90 Million Tonnes ii. Inferred (333): 16.35 Million Tonnes iii. Reconnaissance (334): 125.517 Million Tonnes

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Sl. No	Features	Details
1	Commodity	LIMESTONE
2	Project	G3 Exploration of Salumi Limestone Block, Kiphire District, Nagaland (2021)
3	Location	
	Block	SALUMI LIMESTONE BLOCK
	Village	Salumi
	Sub-division	Pungro
	District	Kiphire
	State	Nagaland
	Toposheet No	SoI 83 K/13
	Coordinates	Latitude: 25°46'59.445"N to 25°48'2.766"N Longitude: 94°53'18.264"E to 94°53'39.843"E
4	Accessibility	The block is accessible by 23 km unmetalled road connecting Salumi village to Pungro town. Pungro town the subdivisional headquarter is connected to Dimapur by 344 km road distance via NH 202 till Kohima and NH 29 from Kohima - Dimapur. The nearest railhead and airport is Dimapur.
5	Area	0.79 sq.km
6	Exploration status	G3
7	Grade	i. Cement grade : CaO % 48.63, MgO% 0.75, Fe ₂ O ₃ % 0.75, SiO ₂ % 3.31, Al ₂ O ₃ % 0.48 & LOI % 40.56 ii. Siliceous limestone: CaO % 33.97, MgO% 1.31, Fe ₂ O ₃ %2.45 SiO ₂ % 28.35, Al ₂ O ₃ % 2.90 & LOI % 28.20
8	Resource	i. Indicated (332): 0.99 Million Tonnes ii. Inferred (333): 5.55 Million Tonnes iii. Reconnaissance (334): 1.05 Million Tonnes

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Sl. No	Features	Details
1	Commodity	Ni-Co-Cr BEARING MAGNETITE
2	Project	Exploratory drilling of Pokphur Magnetite (1992)
3	Location	
	Block	POKPHUR MAGNETITE BLOCK
	Village	Phokphur
	Sub-division	Pungro, Kiusam circle
	District	Kiphire
	State	Nagaland
	Toposheet No	SoI 83 K/13
	Coordinates	Latitude: 25°52'21.29 "N to 25°52'55.19"N Longitude: 94°57'36.60"E to 94°57'51.39"E
4	Accessibility	Pokphur village is located in Kiusam circle of Kiphire district. It is situated 7km away from Kiusam (tehsildar office) and 65km away from district headquarter Kiphire. Kiphire is situated at a distance of 340 km from Dimapur, which is the also the nearest railhead and airport.
5	Area	0.32 sq.km
6	Exploration status	G3. Pilo scale smelting and Pre Feasibility studies on Nickel-Chromium- Cobal bearing magnetite ore of Pokphur block carried out by NML, Jamshedpur in 2012.
7	Grade	Nickel 0.5 – 0.6%, Cobalt 0.035 – 0.040 %, Chromium 2.5 – 3 %, Fe 43- 50%
8	Resource	i. Inferred (333): 5.00 Million Tonnes ii. Reconnaissance (334): 7.36 Million Tonnes

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Sl. No	Features	Details
1	Commodity	Ni-Co-Cr BEARING MAGNETITE
2	Project	G-4 Level Exploration of Ni-Co-Cr-Magnetite in Mollen-Jopi-Ziphu Ridge and adjoining Area, Naga Hills Ophiolite, Phek District, Nagaland (2021).
3	Location	
	Block	NI-CO-CR-MAGNETITE IN MOLLEN-JOPI-ZIPHU RIDGE AND ADJOINING AREA
	District	Phek
	State	Nagaland
	Toposheet No	83K/10, 11, 14 & 15
4	Mineralised Zone/ Area	i. Thewati Magnetite deposit (0.26 sq.km) ii. Reguri Magnetite deposit (0.056 sq.km)
5	Accessibility	The block lies about 120 km east of the district headquarter Phek and 60 Km east of Sub-division Meluri. It is situated about 320 km from Dimapur via Kohima the state capital, the nearest airport and train station in the west, connected by highways namely NH-29 and NH-202 till Akwego and connected by rural unmetalled road via Waziho, the Cement factory. The south-west part of the investigated area is accessible from Reguri which takes right diversion from Akash Bridge at MS 145 of NH-151 via Lephori.
6	Exploration status	G4
7	Grade	Nickel 0.64 – 0.865%, Cobalt 0.06 – 0.058 %, Chromium 1.01 – 1.246 %, Ti 0.105 – 0.194, V 0.017 – 0.019, Fe 32 - 47%, ΣPGE 681-1358.5 ppb
8	Resource	i. Thewati block: 4.52 Million Tonnes (334) ii. Reguri block: 0.86 Million Tonnes (334)