



SUMMARISED LITHOLOGS OF BOREHOLES  
NAGARDHAN (G3) BLOCK, DIST:NAGPUR, MAHARASHTRA

**BOREHOLE NO. - MNB-01**

NORTHING: 2359299.173  
EASTING: 326390.767  
REDUCED LEVEL (m): 296.25  
ANGLE OF BOREHOLE: 50°

DEPTH DRILLED (m): 60.00  
DATE OF COMMENCEMENT: 12.12.2024  
DATE OF CLOSURE: 12.12.2024  
CORE SIZE: HQ & NQ

From	To	Thick	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	4.00	4.00	Soil	Brownish Grey		
4.00	15.10	11.10	Quartz muscovite biotite schist	Brown	highly fragile	
15.10	18.00	2.90	Feldspathised quartz muscovite biotite schist	Pinkish Brown		
18.00	19.00	1.00	Manganese ore zone	Brownish Grey		Boulders Manganese ore body
19.00	32.90	13.90	Quartz muscovite biotite schist	Greenish Brown		With pegmatitic vein
32.90	35.00	2.10	Feldspathised quartz muscovite biotite schist	Pinkish Brown		
35.00	40.00	5.00	Quartz muscovite biotite schist	Brownish Grey		
40.00	43.00	3.00	Feldspathised quartz muscovite biotite schist	Pinkish Brown		
43.00	48.30	5.30	Quartz Biotite schist	Brownish Grey		
48.30	60.00	11.70	Garnetiferous quartz biotite schist	Brownish Grey		



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**BOREHOLE NO. - MNB-02**

NORTHING: 2359393.823

EASTING: 325997.316

REDUCED LEVEL (m): 290.375

ANGLE OF BOREHOLE: 65°

DEPTH DRILLED (m): 60.00

DATE OF COMMENCEMENT: 27.12.2024

DATE OF CLOSURE: 24.12.2024

CORE SIZE: HQ & NQ

From	To	Thick	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	4.50	4.50	Soil	Black		
4.50	14.10	9.60	Quartz muscovite biotite schist	Grey		
14.10	22.50	8.40	Feldspathised quartz muscovite biotite schist	Pinkish Grey		
22.50	25.10	2.60	Pegmatite	Pinkish		
25.10	36.40	11.30	Feldspathised quartz muscovite biotite schist	Pinkish Grey		
36.40	37.50	1.10	Quartz Biotite schist	Grey	Highly fractured	
37.50	43.50	6.00	Feldspathised quartz muscovite biotite schist	Pinkish Grey		
43.50	60.00	16.50	Quartz Biotite schist	Grey		



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**BOREHOLE NO. - MNB-03**

NORTHING: 2359329.512

EASTING: 326151.533

REDUCED LEVEL (m): 293.519

ANGLE OF BOREHOLE: 54°

DEPTH DRILLED (m): 60.00

DATE OF COMMENCEMENT: 11.01.2025

DATE OF CLOSURE: 18.01.2025

CORE SIZE: HQ & NQ

From	To	Thick	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	5.00	5.00	Soil			
5.00	16.30	11.30	Quartz Biotite schist	brownish		
16.30	18.00	1.70	Pegmatite	Milky white to grey	Fractured	
18.00	25.00	7.00	Quartz muscovite biotite schist	brownish		
25.00	28.00	3.00	Quartz Biotite schist	Greyish Brown		
28.00	30.00	2.00	Altered pyroxenite	Pinkish grey		
30.00	31.00	1.00	Quartz Biotite schist	Light grey		
31.00	31.80	0.80	Pegmatite	Greyish green		
31.80	41.00	9.20	Quartz Biotite schist	Light grey		
41.00	42.00	1.00	Garnetiferous quartz biotite schist	greenish black		
42.00	54.00	12.00	Quartz Biotite schist	Grey	Highly fractured	
54.00	60.00	6.00	Quartz muscovite biotite schist	Grey		