



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-01

NORTHING: 2384944.70
EASTING: 381187.70
REDUCED LEVEL (m): 293.64
ANGLE OF BOREHOLES: 55°
BEARING: 320°N

DEPTH DRILLING (m) : 52
DATE OF COMMENCEMENT: 01.06.2025
DATE OF CLOSURE: 09.06.2025
CORE SIZE: NQ
SECTION LINE: S1-S1'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	4.00	4.00	Soil	Brown		
4.00	7.00	3.00	Muscovite Schist Weather Zone	silver-grey		
7.00	25.00	18.00	Muscovite Schist	silver-grey to yellowish-brown	highly fragile	
25.00	27.00	2.00	Mn bearing Quartzite	yellowish-brown		Mn ore is associated with quartzite
27.00	43.61	16.61	Muscovite Schist	yellowish-brown		
43.61	52.00	8.39	Biotite Schist	Dark brown to blackish-brown patches		



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-02

NORTHING: 2385193.32
EASTING: 381361.23
REDUCED LEVEL (m): 298.93
ANGLE OF BOREHOLES: 55°
BEARING: 320°N

DEPTH DRILLING (m) : 76
DATE OF COMMENCEMENT: 15.06.2025
DATE OF CLOSURE: 03.07.2025
CORE SIZE: NQ
SECTION LINE: S2-S2'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	3.00	3.00	Soil	Brown		
3.00	7.00	4.00	Muscovite Schist Weather Zone	silver-grey		
7.00	14.89	7.89	Muscovite Schist	silver-grey to yellowish-brown		
14.89	19.84	4.95	Quartz Vein	milky white		
19.84	40.70	20.86	Muscovite Schist	yellowish-brown		
40.70	76.00	35.30	Biotite Schist	Dark brown to blackish-brown patches		



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-03

NORTHING: 2385546.78
EASTING: 381551.29
REDUCED LEVEL (m): 302.80
ANGLE OF BOREHOLES: 55°
BEARING: 320°N

DEPTH DRILLING (m) : 40
DATE OF COMMENCEMENT: 10.07.2025
DATE OF CLOSURE: 20.07.2025
CORE SIZE: NQ
SECTION LINE: S3-S3'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	3.00	3.00	Soil	Brown		
3.00	7.00	4.00	Muscovite Schist Weather Zone	silver-grey		
7.00	31.20	24.20	Muscovite Schist	yellowish-brown		
31.20	40.00	8.80	Biotite Schist	Dark brown to blackish-brown patches		



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-04

NORTHING: 2386256.71
EASTING: 382283.74
REDUCED LEVEL (m): 317.77
ANGLE OF BOREHOLES: 52°
BEARING: 140°N

DEPTH DRILLING (m) : 40
DATE OF COMMENCEMENT: 25.07.2025
DATE OF CLOSURE: 05.08.2025
CORE SIZE: NQ
SECTION LINE: S4-S4'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	3.00	3.00	Soil	Brown		
3.00	8.00	5.00	Muscovite Schist Weather Zone	silver-grey		
8.00	40.00	32.00	Muscovite Schist	yellowish-brown		Mn ore occurs in fracture filling



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-05

NORTHING: 2386655.08
EASTING: 382184.97
REDUCED LEVEL (m): 316.15
ANGLE OF BOREHOLES: 52°
BEARING: 140°N

DEPTH DRILLING (m) : 50.50
DATE OF COMMENCEMENT: 09.08.2025
DATE OF CLOSURE: 21.08.2025
CORE SIZE: NQ
SECTION LINE: S5-S5'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	3.00	3.00	Soil	Brown		
3.00	7.00	4.00	Muscovite Schist Weather Zone	silver-grey		
7.00	19.00	12.00	Muscovite Schist	silver-grey to yellowish-brown		
19.00	42.24	23.24	Biotite Schist	Dark brown to blackish-brown patches		
42.24	44.33	2.09	Mn bearing Quartzite	yellowish-brown		Mn ore is associated with quartzite
44.33	46.30	1.97	Biotite Schist	Dark brown to blackish-brown patches		
46.30	49.00	2.70	Mn bearing Quartzite	yellowish-brown		Mn ore is associated with quartzite
49.00	50.50	1.50	Biotite Schist	Dark brown to blackish-brown patches		



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-06

NORTHING: 2386582.11
EASTING: 382084.19
REDUCED LEVEL (m): 320.88
ANGLE OF BOREHOLES: 52°
BEARING: 140°N

DEPTH DRILLING (m) : 50
DATE OF COMMENCEMENT: 26.08.2025
DATE OF CLOSURE: 07.09.2025
CORE SIZE: NQ
SECTION LINE: S4-S4'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	3.00	3.00	Soil	Brown		
3.00	7.00	4.00	Muscovite Schist Weather Zone	silver-grey		
7.00	13.56	6.56	Muscovite Schist	silver-grey to yellowish-brown		
13.56	22.00	8.44	Biotite Schist	Dark brown to blackish-brown patches		
22.00	40.00	18.00	Muscovite Schist	yellowish-brown		
40.00	50.00	10.00	Biotite Schist	Dark brown to blackish-brown patches		



SUMMARISED LITHOLOGS OF BOREHOLES
KATORI JHIRIYA BLOCK, DIST: BALAGHAT MADHYA PRADESH
BOREHOLE NO. MKJ-07

NORTHING: 2386766.00
EASTING: 382085.00
REDUCED LEVEL (m): 317.00
ANGLE OF BOREHOLES: 52°
BEARING: 140°N

DEPTH DRILLING (m) : 50
DATE OF COMMENCEMENT: 13.09.2025
DATE OF CLOSURE: 27.09.2025
CORE SIZE: NQ
SECTION LINE: S5-S5'

FROM	TO	THICK	Lithology	Colour	Structural/ Nature Details	Remarks/ Mineralisation
0.00	03.00	03.00	Soil	Brown		
03.00	07.00	04.00	Muscovite Schist Weather Zone	silver-grey		
07.00	31.00	24.00	Muscovite Schist	silver-grey to yellowish-brown		
31.00	38.53	07.53	Biotite Schist	Dark brown to blackish-brown patches		
38.53	43.00	4.47	Muscovite Schist	yellowish-brown		
43.00	50.00	07.00	Biotite Schist	Dark brown to blackish-brown patches		