

Detailed Litholog of Katori-Jhiriya Block, District-Balaghat, Madhya Pradesh

BOREHOLE No.MKJ-01

Northing (m) : 2384944.7

Easting (m) : 381187.7

R.L. (m) : 293.64

Angle : 55°

Date of Commencement: 01.06.2025

Date of Closure : 09.06.2025

Total Depth (m) : 52.00

Bearing : 320°

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
0.00	4.00	4.00	-	4.00	0.00	4.00	0.00	Soil	Black brown			
4.00	7.00	3.00	2.14	3.00	71.33	7.00	0.00	Muscovite schist	Silver white, grey		Mica, Clay	Weathered zone
7.00	10.00	3.00	1.12	3.00	37.33	10.00	0.00	Muscovite schist	Silver white, grey		Mica, Clay	Muscovite soil
10.00	13.00	3.00	0.98	3.00	32.67	13.00	0.00	Muscovite schist	Silver white, grey		Mica, Clay	Muscovite soil
13.00	16.00	3.00	2.04	3.00	68.00	16.00	0.00	Muscovite schist	Silver white, grey		Mica, Clay	Muscovite soil
16.00	19.00	3.00	0.70	1.05	66.67	17.05	0.00	Muscovite schist	Grey		Mica	Broken core
			0.50	0.75	66.67	17.80		Quartz vein	White			Broken core
			0.80	1.20	66.67	19.00		Muscovite schist	Grey			Broken core
19.00	22.00	3.00	2.00	3.00	66.67	22.00	10.00	Muscovite schist	Grey	foliation 30° WRT CA		
22.00	25.00	3.00	0.25	0.35	71.43	22.35	13.33	Muscovite schist	Grey	Foliation 30°		
			0.20	0.28	71.43	22.63		Quartz vein	White			With muscovite schist
			1.00	1.37	72.99	24.00		Muscovite schist	Grey			
			0.26	0.40	65.00	24.40		Quartzite with Mn ore veins	Milky white/ black		Mn	
			0.40	0.60	66.67	25.00		Muscovite schist				
25.00	28.00	3.00	1.82	2.00	91.00	27.00	10.00	Quartzite with Mn ore	Milky white with black		Mn	
			0.93	1.00	93.00	28.00		Muscovite schist	Grey			
28.00	31.00	3.00	0.30	0.52	57.33	28.52	13.33	Muscovite schist	Grey			
			0.07	0.12	57.33	28.65		Solid Mn ore with quartzite	Milky white with black			
			1.10	1.92	57.33	30.56		Muscovite schist	Grey			
			0.25	0.44	57.33	31.00		Quartz vein	White			

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
31.00	34.00	3.00	0.65	0.65	100.00	31.65	56.67	Muscovite schist	Grey			
			0.20	0.20	100.00	31.85		Quartz vein with schist	White grey	30° foliation with quartz vein		
			2.15	2.15	100.00	34.00		Muscovite schist				
34.00	37.00	3.00	0.20	0.22	92.67	34.22	48.33	Muscovite schist	Grey			
			0.05	0.05	92.67	34.27		Quartzite with schist	Milk white, grey			
			1.15	1.24	92.67	35.51		Muscovite schist	Grey			
			0.08	0.09	92.67	35.60		Quartzite with schist	White/grey			
			1.30	1.40	92.67	37.00		Muscovite schist	Grey			
37.00	40.00	3.00	0.30	0.30	100.00	37.30	66.67	Muscovite schist	Grey/White		Mica	
			0.20	0.20	100.00	37.50		Biotite schist	Black/grey			
			0.10	0.10	100.00	37.60		Quartzite	Milky white			
			2.35	2.35	100.00	39.95		Muscovite schist	Grey/Black, silver			
			0.05	0.05	100.00	40.00		Quartzite				
40.00	43.00	3.00	0.50	0.53	95.00	40.53	36.67	Muscovite schist	Black/White, silver	20° Foliation WRTCA		
			0.05	0.05	95.00	40.58		Muscovite schist	Black/White, silver			
			1.55	1.63	95.00	42.21		Muscovite schist	Grey/Silver			
			0.20	0.21	95.00	42.42		Quartzite	Milky white			
			0.55	0.58	95.00	43.00		Muscovite schist	Grey silver			
43.00	46.00	3.00	0.55	0.61	90.00	43.61	56.67	Muscovite schist	Grey silver			
			0.75	0.83	90.00	44.44		Biotite schist	Black/grey			
			0.20	0.22	90.00	44.67		Quartz vein	White			
			1.20	1.33	90.00	46.00		Biotite schist	Black/grey			
46.00	49.00	3.00	3.00	3	100.00	49.00	50.00	Biotite schist	Black/grey	10° foliation		
49.00	52.00	3.00	3.00	3	100.00	52.00	76.67	Biotite schist	Black/grey			

BOREHOLE No.MKJ-02

Northing (m) : 2385193.32

Easting (m) : 381361.23

R.L. (m) : 298.93

Angle : 55°

Date of Commencement: 15.06.2025

Date of Closure : 03.07.2025

Total Depth (m) : 76.00

Bearing : 320°N

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoey	Colour	Structure	Minerology	Remarks
0.00	4.00	4.00	-	4.00	0.00	4.00	0.00	Soil	Black/brown			
4.00	7.00	3.00	1.23	3.00	41.00	7.00	0.00	Muscovite schist	Black/brown			Weathered zone
7.00	10.00	3.00	0.97	3.00	32.33	10.00	0.00	Muscovite schist	Black/brown			Muscovite soil
10.00	13.00	3.00	1.56	3.00	52.00	13.00	0.00	Muscovite schist	Black/brown			Muscovite soil
13.00	16.00	3.00	0.21	1.57	13.38	14.57	0.00	Muscovite schist	White/grey			
			0.20	0.32	62.50	14.89		Muscovite schist	Grey			
			0.70	1.11	63.06	16.00		Quartz vein	White			
16.00	19.00	3.00	2.00	3.00	66.67	19.00	0.00	Quartz vein	White			
19.00	22.00	3.00	0.80	0.84	95.00	19.84	1.33	Quartz vein	White			
			1.60	1.68	95.00	21.53		Muscovite schist	Grey			
			0.20	0.21	95.00	21.74		Quartz vein	White			
			0.25	0.26	95.00	22.00		Muscovite schist	Grey			
22.00	25.00	3.00	0.10	0.11	93.33	22.11	56.67	Quartz vein				
			2.70	2.89	93.33	25.00		Muscovite schist	Grey	20° foliation WRTCA		
25.00	28.00	3.00	2.90	3.00	96.67	28.00	48.33	Mn bearing Muscovite schist	White/grey	5° foliation	Mn in fracture filling	
28.00	31.00	3.00	0.60	0.60	100.00	28.60	70.00	Muscovite schist	White/grey	5° foliation		
			0.10	0.10	100.00	28.70		Quartz vein				
			2.30	2.30	100.00	31.00		Muscovite schist	White/grey	Foliation parallel to core axis		
31.00	34.00	3.00	1.10	1.14	96.33	32.14	46.67	Muscovite schist				
			0.40	0.42	96.33	32.56		Quartz vein	White			
			0.14	0.15	96.33	32.70		Muscovite schist with quartz vein	Grey/white			
			0.25	0.26	96.33	32.96		Quartz vein	White			
			1.00	1.04	96.33	34.00		Muscovite schist	Grey/white			

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoy	Colour	Structure	Minerology	Remarks
34.00	37.00	3.00	0.90	0.90	100.00	34.90	73.33	Muscovite schist	Grey/white	5° foliation		
			0.10	0.10	100.00	35.00		Quartz vein	White			
			2.00	2.00	100.00	37.00		Muscovite schist	Grey/white	5° foliation		
37.00	40.00	3.00	0.14	0.15	91.67	37.15	40.00	Muscovite schist	Grey/white			
			0.06	0.07	91.67	37.22		Muscovite schist with feldspar	Grey/brown			
			0.20	0.22	91.67	37.44		Quartz vein	White			
			0.18	0.20	91.67	37.63		Muscovite schist	Grey			
			0.07	0.08	91.67	37.71		Muscovite schist with feldspar	Grey/brown			
			2.10	2.29	91.67	40.00		Muscovite schist	Grey	Foliation parallel with CA		
40.00	43.00	3.00	0.70	0.72	96.67	40.72	46.67	Muscovite schist	Grey			
			2.20	2.28	96.67	43.00		Biotite schist	Black/white mica			
43.00	45.00	2.00	1.80	1.82	99.00	44.82	85.00	Biotite schist	Black			
			0.18	0.18	99.00	45.00		Biotite schist with Quartz	Black/white			
45.00	48.00	3.00	0.30	0.33	90.00	45.33	45.00	Biotite schist with Quartz	Black/white			
			2.40	2.67	90.00	48.00		Biotite schist	Black	5° foliation		
48.00	51.00	3.00	0.30	0.30	100.00	48.30	66.67	Biotite schist	Black	5° foliation	Mn in fracture filling	
			0.50	0.50	100.00	48.80		Biotite schist with Quartz	Black/white	30° foliation	Mn in fracture filling	
			2.20	2.20	100.00	51.00		Biotite schist	Black		Mn in fracture filling	
51.00	54.00	3.00	2.90	3.00	96.67	54.00	73.33	Biotite schist	Black	30° foliation		
54.00	57.00	3.00	0.30	0.33	92.00	54.33	70.00	Biotite schist				
			0.10	0.11	92.00	54.43		Biotite schist with Quartz	Black/white	20° foliation		
			0.66	0.72	92.00	55.15		Biotite schist				

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoy	Colour	Structure	Minerology	Remarks
			0.90	0.98	92.00	56.13		Quartzite with biotite schist	White	40° foliation with biotite schist		
			0.80	0.87	92.00	57.00		Biotite schist	Black	10° foliation		
57.00	60.00	3.00	3.00	3.00	100.00	60.00	66.67	Biotite schist	Black	20° foliation (also minor folding in core)		Micro Folding in core
60.00	63.00	3.00	3.00	3.00	100.00	63.00	60.00	Biotite schist	Black	20° foliation (also folding reported in core)		Micro Folding in core
63.00	66.00	3.00	3.00	3.00	100.00	66.00	83.33	Biotite schist	Black	20° foliation (also folding reported in core)		Micro Folding in core
66.00	69.00	3.00	3.00	3.00	100.00	69.00	66.67	Biotite schist	Black			Micro Folding in core
69.00	72.00	3.00	0.64	0.67	95.00	69.67	56.67	Biotite schist	Black			
			0.04	0.04	95.00	69.72		Quartz vein	White			
			0.35	0.37	95.00	70.08		Biotite schist				
			0.20	0.21	95.00	70.29		Quartz vein				
			0.20	0.21	95.00	70.51		Biotite schist				
			0.14	0.15	95.00	70.65		Quartz vein				
			1.28	1.35	95.00	72.00		Biotite schist				
72.00	75.00	3.00	3.00	3.00	100.00	75.00	53.33	Biotite schist				
75.00	76.00	1.00	1.00	1.00	100.00	76.00	10.00	Biotite schist with Quartz				

BOREHOLE No.MKJ-03

Northing (m) : 2385546.78

Easting (m) : 381551.29

R.L. (m) : 302.8

Angle : 55°

Date of Commencement:10.07.2025

Date of Closure : 20.07.2025

Total Depth (m) : 40.00

Bearing : 320°N

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoy	Colour	Structure	Minerology	Remarks
0.00	4.00	4.00	-	4.00	0.00	4.00	0.00	Brown Red Soil				
4.00	7.00	3.00	1.46	3.00	48.67	7.00	0.00	Black/Brown Soil				Weathered zone
7.00	10.00	3.00	1.57	3.00	52.33	10.00	0.00	Soil (Muscovite)	With quartz pebbles			Muscovite schist with Quartz boulder
10.00	13.00	3.00	1.43	3.00	47.67	13.00	0.00	Soil (Muscovite)				Muscovite schist soil
13.00	16.00	3.00	0.50	0.60	84.00	13.60	26.67	Muscovite schist	Silver/Black			
			0.50	0.60	84.00	14.19		Muscovite schist	Red/Brown	40° foliation WRTCA	Mn in fracture filling	
			0.35	0.42	84.00	14.61		Muscovite schist	Red/Brown		Mn in fracture filling	
			0.50	0.60	84.00	15.20		Muscovite schist				
			0.25	0.30	84.00	15.50		Muscovite schist				
			0.25	0.30	84.00	15.80		Muscovite schist	Red/Brown		Mn in fracture filling	
			0.17	0.20	84.00	16.00		Muscovite schist				
16.00	19.00	3.00	0.80	0.83	96.39	16.83	30.00	Muscovite schist		10° Foliation WRTCA		
			0.10	0.10	100.00	16.93		Muscovite schist	Red/Brown		Mn in fracture filling	
			2.00	2.07	96.62	19.00		Muscovite schist				
19.00	22.00	3.00	0.50	0.52	95.67	19.52	50.00	Muscovite schist		10° Foliation		
			0.07	0.07	95.67	19.60		Quartz vein				
			2.30	2.40	95.67	22.00		Muscovite schist		10° Foliation		
22.00	25.00	3.00	3.00	3.00	100.00	25.00	66.67	Muscovite schist		20° Foliation		
25.00	28.00	3.00	3.00	3.00	100.00	28.00	80.00	Muscovite schist		10° Foliation		

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoy	Colour	Structure	Minerology	Remarks
28.00	31.00	3.00	2.85	2.85	100.00	30.85	53.33	Muscovite schist				
			0.05	0.05	100.00	30.90		Quartz vein				
			0.10	0.10	100.00	31.00		Muscovite schist		40° Foliation		
31.00	34.00	3.00	0.05	0.05	100.00	31.05	53.33	Quartz vein				
			0.10	0.10	100.00	31.15		Muscovite schist				
			0.05	0.05	100.00	31.20		Quartz vein	White			
			2.80	2.80	100.00	34.00		Biotite schist		30° Foliation		
34.00	37.00	3.00	1.64	1.65	99.33	35.65	43.33	Quartz vein				
			0.20	0.20	99.33	35.85		Biotite schist	Black			
			1.14	1.15	99.33	37.00		Biotite schist	Black			
37.00	40.00	3.00	2.50	2.81	89.00	39.81	40.00	Biotite schist	Black	50° Foliation		
			0.07	0.08	89.00	39.89		Quartz vein	White			
			0.10	0.11	89.00	40.00		Biotite schist	Black			

BOREHOLE No.MKJ-04

Northing (m) : 2386256.71

Easting (m) : 382283.74

R.L. (m) : 317.77

Angle : 52°

Date of Commencement: 25.07.2025

Date of Closure : 05.08.2025

Total Depth (m) : 40.00

Bearing : 140°N

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
0.00	4.00	4.00	-	4.00	0.00	4.00	0.00	Soil	Brown			
4.00	7.00	3.00	1.53	3.00	51.00	7.00	0.00	Muscovite schist	Silver/Black			Weathered zone
7.00	10.00	3.00	1.46	3.00	48.67	10.00	0.00	Muscovite schist	Silver/Black			Muscovite schist soil
10.00	13.00	3.00	1.59	3.00	53.00	13.00	0.00	Muscovite schist	Silver/Black			Muscovite schist soil
13.00	16.00	3.00	0.87	0.91	95.67	13.91	10	Muscovite schist	Yellowish-grey to brown			Muscovite schist soil
			0.50	0.52	95.67	14.43		Muscovite schist	ellowish-grey to brown			
			0.30	0.31	95.67	14.75		Muscovite schist	reddish-brown		Mn in fracture filling	
			1.20	1.25	95.67	16.00		Muscovite schist	Light silver-grey			
16.00	19.00	3.00	1.00	1.00	100.00	17.00	11.67	Soil (Muscovite schist)				
			2.00	2.00	100.00	19.00		Muscovite schist				Muscovite schist soil
19.00	22.00	3.00	0.20	0.20	100.00	19.20	16.67	Quartz				
			1.80	1.80	100.00	21.00		Muscovite schist	Light silver-grey			
			1.00	1.00	100.00	22.00		Muscovite schist				
22.00	25.00	3.00	3.00	3.00	100.00	25.00	56.67	Muscovite schist	Light silver-grey			
25.00	28.00	3.00	1.00	1.09	91.67	26.09	26.67	Muscovite schist		20° Foliation WRTCA		
			0.10	0.11	91.67	26.20		Muscovite schist	Reddish-brown		Mn in fracture filling	

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
			0.70	0.76	91.67	26.96		Muscovite schist				
			0.05	0.05	91.67	27.02		Muscovite schist	Reddish-brown		Mn in fracture filling	
			0.10	0.11	91.67	27.13		Muscovite schist	Reddish-brown		Mn in fracture filling	
			0.15	0.16	91.67	27.29		Quartz	White			
			0.65	0.71	91.67	28.00		Muscovite schist	Reddish-brown		Mn in fracture filling	
28.00	31.00	3.00	0.10	0.14	74.00	28.14	30.00	Quartz				
			0.50	0.68	74.00	28.81		Muscovite schist		20° Foliation WRTCA		
			0.13	0.18	74.00	28.99		Muscovite schist	Reddish-brown		Mn in fracture filling	
			0.28	0.38	74.00	29.36		Muscovite schist	Light silver-grey			
			0.08	0.11	74.00	29.47		Muscovite schist	Light silver-grey			
			0.40	0.54	74.00	30.01		Muscovite schist				
			0.35	0.47	74.00	30.49		Muscovite schist	Reddish-brown		Mn in fracture filling	
			0.30	0.41	74.00	30.89		Muscovite schist				
			0.08	0.11	74.00	31.00		Muscovite schist	Reddish-brown		Mn in fracture filling	
31.00	34.00	3.00	1.70	2.13	80.00	33.13	40.00	Muscovite schist	Reddish-brown	10° Foliation WRTCA	Mn in fracture filling	
			0.20	0.25	80.00	33.38		Quartz				
			0.50	0.63	80.00	34.00		Biotite Gneiss		10° Foliation WRTCA		
34.00	37.00	3.00	0.10	0.11	91.67	34.11	23.33	Muscovite schist	Reddish-brown	20° Foliation WRTCA	Mn in fracture filling	
			0.25	0.27	91.67	34.38		Muscovite schist				
			1.00	1.09	91.67	35.47		Muscovite schist	Reddish-brown		Mn in fracture filling	

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
			0.50	0.55	91.67	36.02		Muscovite schist				
			0.05	0.05	91.67	36.07		Muscovite schist	Reddish-brown		Mn in fracture filling	
			0.50	0.55	91.67	36.62		Muscovite schist				
			0.35	0.38	91.67	37.00		Muscovite schist	Reddish-brown		Mn in fracture filling	
37.00	40.00	3.00	0.50	0.51	98.33	37.51	6.67	Muscovite schist		10° Foliation WRTCA		
			0.05	0.05	98.33	37.56		Quartz	White			
			1.50	1.53	98.33	39.08		Muscovite schist				
			0.10	0.10	98.33	39.19		Muscovite schist	Light silver-grey			
			0.40	0.41	98.33	39.59		Muscovite schist				
			0.40	0.41	98.33	40.00		Quartz	White			

BOREHOLE No.MKJ-05

Northing (m) : 2386655.08
Easting (m) : 382184.97
R.L. (m) : 316.15
Angle : 52°

Date of Commencement: 09.08.2025
Date of Closure : 21.08.2025
Total Depth (m) : 50.50
Bearing : 140°N

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
0.00	4.00	4.00	-	4.00	0.00	4.00	0.00	Soil	Silver/Black			
4.00	7.00	3.00	1.56	3.00	52.00	7.00	0.00	Muscovite schist	Silver/Black			Weathered zone
7.00	10.00	3.00	1.62	3.00	54.00	10.00	0.00	Muscovite schist	Silver/Black			Muscovite schist soil
10.00	13.00	3.00	1.66	3.00	55.33	13.00	0.00	Muscovite schist	Silver/Black			Muscovite schist soil
13.00	16.00	3.00	1.57	3.00	52.33	16.00	0.00	Muscovite schist	Silver/Black			Muscovite schist soil
16.00	19.00	3.00	0.98	1.49	65.67	17.49	0.00	Muscovite schist	Silver/Black			Muscovite schist soil
			0.99	1.51	65.67	19.00		Muscovite schist	Silver/Black			Broken core
19.00	22.00	3.00	2.69	3.00	89.67	22.00	13.33	Biotite schist	Dark brown/Black	5° Foliation WRTCA		
22.00	25.00	3.00	1.80	1.93	93.33	23.93	3.33	Biotite schist	Dark brown/Black			
			0.40	0.43	93.33	24.36		Quartz	White			
			0.60	0.64	93.33	25.00		Muscovite Schist	Light silver-grey			
25.00	28.00	3.00	0.40	0.44	90.67	25.44	13.33	Biotite Schist	Dark brown/Black			
			0.10	0.11	90.67	25.55		Quartz				
			0.10	0.11	90.67	25.66		Biotite schist				
			0.12	0.13	90.67	25.79		Quartz Vein			Mn in fracture filling	
			2.00	2.21	90.67	28.00		Biotite schist	Dark brown/Black			
28.00	31.00	3.00	2.17	2.35	92.33	30.35	26.67	Biotite schist	Dark brown/Black			
			0.25	0.27	92.33	30.62		Quartz Vein			Mn in fracture filling	
			0.35	0.38	92.33	31.00		Biotite schist	Dark brown/Black			

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoey	Colour	Structure	Minerology	Remarks
31.00	34.00	3.00	1.05	1.28	82.00	32.28	23.33	Biotite schist	Dark brown/Black	30° Foliation WRTCA		
			0.25	0.30	82.00	32.59		Quartz Vein				
			0.14	0.17	82.00	32.76		Biotite schist				
			0.08	0.10	82.00	32.85		Quartz Vein				
			0.10	0.12	82.00	32.98		Biotite schist	Dark brown/Black			
			0.10	0.12	82.00	33.10		Quartz vein				
			0.74	0.90	82.00	34.00		Biotite schist	Dark brown/Black	30° Foliation	Mn in fracture filling	
34.00	37.00	3.00	0.30	0.30	100.00	34.30	25.00	Biotite schist	Dark brown/Black		Mn in fracture filling	
			0.30	0.30	100.00	34.60		Quartz				
			2.40	2.40	100.00	37.00		Biotite schist	Dark brown/Black		Mn in fracture filling	
37.00	40.00	3.00	0.20	0.22	93.00	37.22	26.67	Biotite schist	Dark brown/Black			
			0.40	0.43	93.00	37.65		Biotite schist	Dark brown/Black		Mn in fracture filling	
			0.20	0.22	93.00	37.86		Biotite schist	Dark brown/Black			
			0.36	0.39	93.00	38.25		Biotite schist	Dark brown/Black		Mn in fracture filling	
			0.38	0.41	93.00	38.66		Hornblende Biotite schist	Dark brown/Black			
			1.25	1.34	93.00	40.00		Biotite schist (without	Dark brown/Black			
40.00	43.00	3.00	2.19	2.23	98.00	42.23	21.67	Biotite schist	Dark brown/Black	20° Foliation		
			0.75	0.77	98.00	43.00		Quartzite with Mn ore	Reddish-Brown/Black		Mn with Quartz	
43.00	46.00	3.00	0.60	0.76	79.00	43.76	40.00	Quartzite with Mn ore	Reddish-Brown/Black		Mn with Quartz	
			0.45	0.57	79.00	44.33		Muscovite schist	Light silver-grey			
			0.20	0.25	79.00	44.58		Quartzite with Mn ore	Reddish-Brown/Black		Mn with Quartz	

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
			0.20	0.25	79.00	44.84		Muscovite schist	Light silver-grey			
			0.27	0.34	79.00	45.18		Quartzite with Mn ore	Reddish-Brown/Black		Mn with Quartz	
			0.38	0.48	79.00	45.66		Muscovite schist	Light silver-grey			
			0.18	0.23	79.00	45.89		Quartzite with Mn ore	Reddish-Brown/Black		Mn with Quartz	
			0.09	0.11	79.00	46.00		Muscovite schist	Light silver-grey			
46.00	49.00	3.00	0.30	0.30	100.00	46.30	46.67	Muscovite schist	Light silver-grey			
			2.70	2.70	100.00	49.00		Quartzite with Mn ore	Reddish-Brown/Black	20° Foliation	Mn with Quartz	
49.00	50.50	1.50	1.50	1.50	100.00	50.50	16.67	Muscovite schist	Light silver-grey			

BOREHOLE No.MKJ-06

Northing (m) : 2386582.11
Easting (m) : 382084.19
R.L. (m) : 320.88
Angle : 52°

Date of Commencement: 26.08.2025
Date of Closure : 07.09.2025
Total Depth (m) : 50.00
Bearing : 140°N

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoy	Colour	Structure	Minerology	Remarks
0.00	1.00	4.00	-	4.00	0.00	4.00	0.00	Soil	Silver/Black, brown			Clay
4.00	7.00	3.00	1.43	3.00	47.67	7.00	0.00	Muscovite schist	Light silver-grey			Weathered zone
7.00	10.00	3.00	1.46	3.00	48.67	10.00	0.00	Muscovite schist	Light silver-grey			Muscovite schist soil
10.00	13.00	3.00	0.23	0.30	76.67	10.30	0.00	Quartz Vein				Muscovite schist soil
			1.41	2.70	52.22	13.00		Muscovite schist	Light silver-grey			Muscovite schist soil
13.00	16.00	3.00	0.54	0.56	96.43	13.56	33.33	Biotite schist	Dark brown/Black			
			0.20	0.21	95.24	13.77		Biotite schist	Dark brown/Black		Mn in fracture	
			0.34	0.35	97.14	14.12		Biotite schist	Dark brown/Black			
			0.90	0.92	97.83	15.04		Biotite schist	Dark brown/Black		Mn in fracture	
			0.17	0.18	94.44	15.22		Biotite schist	Dark brown/Black			
			0.15	0.16	93.75	15.38		Biotite schist	Dark brown/Black		Mn in fracture	
			0.60	0.62	96.77	16.00		Biotite schist	Dark brown/Black			
16.00	19.00	3.00	0.60	0.79	75.67	16.79	13.33	Biotite schist	Dark brown/Black			
			1.67	2.21	75.67	19.00		Biotite schist with Quartz				
19.00	22.00	3.00	2.70	3.00	90.00	22.00	46.67	Biotite schist	Dark brown/Black			
22.00	25.00	3.00	2.67	3.00	89.00	25.00	40.00	Muscovite schist	Light silver-grey	10° Foliation		
25.00	28.00	3.00	2.63	3.00	87.67	28.00	43.33	Muscovite schist	Light silver-grey			
28.00	31.00	3.00	2.76	3.00	92.00	31.00	56.67	Muscovite schist	Light silver-grey			
31.00	34.00	3.00	2.80	3.00	93.33	34.00	53.33	Muscovite schist	Light silver-grey	20° Foliation WRTCA		

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Lithology	Colour	Structure	Minerology	Remarks
34.00	37.00	3.00	0.73	0.76	95.67	34.76	46.67	Biotite schist	Dark brown/Black		Mn in fracture filling	
			0.22	0.23	95.67	34.99		Muscovite schist				
			1.92	2.01	95.67	37.00		Quartz with mica and Mn ore			Mn in fracture filling	
37.00	40.00	3.00	0.40	0.41	96.67	37.41	40.00	Muscovite schist	Light silver-grey	20° Foliation WRTCA		
			1.52	1.57	96.67	38.99		Quartz muscovite schist				
			0.98	1.01	96.67	40.00		Muscovite schist	Light silver-grey			
40.00	43.00	3.00	2.85	3.00	95.00	43.00	63.33	Biotite schist	Dark brown/Black			
43.00	46.00	3.00	0.80	0.84	95.67	43.84		Biotite schist	Dark brown/Black	30° Foliation WRTCA		
			0.15	0.16	95.67	43.99		Quartz muscovite schist				
			1.92	2.01	95.67	46.00		Biotite schist	Dark brown/Black			
46.00	49.00	3.00	1.88	2.00	94.00	48.00	60.00	Biotite schist	Dark brown/Black			
			0.94	1.00	94.00	49.00		Biotite schist	Dark brown/Black	20° Foliation WRTCA	Mn in fracture filling	
49.00	50.00	1.00	0.95	1.00	95.00	50.00	20.00	Biotite schist	Dark brown/Black			

BOREHOLE No.MKJ-07

Northing (m) : 2386766.00
Easting (m) : 382085.00
R.L. (m) : 317.00
Angle : 52°

Date of Commencement: 13.09.2025
Date of Closure : 27.09.2025
Total Depth (m) : 50.00
Bearing : 140°N

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoey	Colour	Structure	Minerology	Remarks
0.00	1.00	4.00	-	4.00	0.00	4.00	0.00	Soil	Brown			
4.00	7.00	3.00	1.36	3.00	45.33	7.00	0.00	Muscovite schist	Brown			Weathered zone
7.00	10.00	3.00	1.43	3.00	47.67	10.00	0.00	Muscovite schist	Grey/Silver			Muscovite schist soil
10.00	13.00	3.00	1.44	3.00	48.00	13.00	0.00	Muscovite schist	Grey/Silver			Muscovite schist soil
13.00	16.00	3.00	1.49	3.00	49.67	16.00	0.00	Muscovite schist	Grey/Silver			Muscovite schist soil
16.00	19.00	3.00	1.51	3.00	50.33	19.00	0.00	Muscovite schist	Grey/Silver			Muscovite schist soil
19.00	22.00	3.00	0.88	0.95	92.33	19.95	16.67	Muscovite schist	Grey/Silver			Muscovite schist soil
			0.75	0.81	92.33	20.77		Muscovite schist	Grey/Silver			
			0.93	1.01	92.33	21.77		Quartz vein	White			
			0.21	0.23	92.33	22.00		Muscovite schist	Reddish-brown			
22.00	25.00	3.00	1.95	2.19	89.00	24.19	26.67	Muscovite schist			Mn in fracture filling	
			0.48	0.54	89.00	24.73		Quartz vein	White			
			0.24	0.27	89.00	25.00		Muscovite schist	Silver/Black, brown		Mn in fracture filling	
25.00	28.00	3.00	1.55	2.00	77.33	27.00	33.33	Muscovite schist	Silver/Black, brown	20° Foliation	Mn in fracture filling	
			0.77	1.00	77.33	28.00		Biotite schist	Dark brown/Black		Mn in fracture filling	
28.00	31.00	3.00	1.56	2.00	78.00	30.00	16.67	Biotite schist	Dark brown/Black		Mn in fracture filling	
			0.78	1.00	78.00	31.00		Biotite schist	Dark brown/Black			

From (m)	To (m)	Thick-ness	Core Reco-very (m)	Extra-polated Thick. (m)	Core Reco-very (%)	Floor Depth (m)	RQD (%)	Litholgoey	Colour	Structure	Minerology	Remarks
31.00	34.00	3.00	2.75	3.00	91.67	34.00	36.67	Biotite schist	Dark brown/Black			
34.00	37.00	3.00	2.66	3.00	88.67	37.00	43.33	Biotite schist	Dark brown/Black			
37.00	40.00	3.00	1.28	1.53	83.67	38.53	6.67	Biotite schist	Dark brown/Black			
			1.23	1.47	83.67	40.00		Muscovite schist	Silver/Black, brown			
40.00	43.00	3.00	2.81	3.00	93.67	43.00	60.00	Muscovite schist	Silver/Black, brown	30° Foliation		
43.00	46.00	3.00	0.94	0.98	95.67	43.98	40.00	Migmatite/ Granite Gneiss	Dark brown/Black	20° Foliation		
			0.24	0.25	95.67	44.23		Muscovite schist	Silver/Black, brown			
			0.28	0.29	95.67	44.53		Biotite schist	Dark brown/Black			
			0.41	0.43	95.67	44.95		Muscovite schist	Silver/Black, brown			
			1.00	1.05	95.67	46.00		Migmatite/ Granite Gneiss	Gray-blackish			
46.00	49.00	3.00	1.48	1.52	97.33	47.52	56.67	Biotite schist	Dark brown/Black	30° Foliation		
			1.44	1.48	97.33	49.00		Migmatite/ Granite Gneiss	Gray-blackish			
49.00	50.00	1.00	1.00	1.00	100.00	50.00	40.00	Migmatite/ Granite Gneiss	Gray-blackish			