

**Statement showing run-wise lithologs of boreholes drilled by MECL in Majhauri (G-3) block for Iron and Bauxite,
District - Jabalpur, Madhya Pradesh
BH No. MBM-01**

Easting (m)		418005.11								Date of Commencement.:		05.09.2024
Northing (m)		2605491.366								Date of Closure:		06.09.2024
Collar R.L. (m)		412.835								Total Depth (m):		20.00m
Section Line :		S1-S1'								Inclination:		Vertical
Drilling			Recovered Thickness (m)	Recovery %	Extrapolated Thickness (m)	Core Size	Lithology	COLOR	Structural Features	Mineralization	Remarks	
From (m)	To (m)	Run (m)										
0.00	1.00	1.00	1.00	100	1.00	NW	LATERITE	REDDISH BROWN	FRIABLE	ALUMINOUS LATERITE		
1.00	2.00	1.00	1.00	100	1.00	NW	LATERITE	REDDISH BROWN	FRIABLE	ALUMINOUS LATERITE		
2.00	3.00	1.00	1.00	100	1.00	NQ	LATERITE	REDDISH BROWN		ALUMINOUS LATERITE		
3.00	4.00	1.00	1.00	100	1.00	NQ	LATERITE	REDDISH BROWN		ALUMINOUS LATERITE		
4.00	5.00	1.00	1.00	100	1.00	NQ	LATERITE	REDDISH BROWN		ALUMINOUS LATERITE		
5.00	6.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	REDDISH BROWN		ALUMINOUS LATERITE		
6.00	7.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	REDDISH GREY	POWDERY	ALUMINOUS LATERITE		
7.00	8.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	REDDISH GREY	POWDERY	ALUMINOUS LATERITE		
8.00	9.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN	OCC. POWDERY	ALUMINOUS LATERITE	LATERITE MIXED	
9.00	10.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN	OCC. POWDERY	ALUMINOUS LATERITE	LATERITE MIXED	
10.00	11.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN	OCC. POWDERY	ALUMINOUS LATERITE	LATERITE MIXED	
11.00	12.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN	OCC. POWDERY	ALUMINOUS LATERITE	LATERITE MIXED	
12.00	13.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
13.00	14.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
14.00	15.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
15.00	16.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
16.00	17.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
17.00	18.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
18.00	19.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		
19.00	20.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH BROWN		ALUMINOUS LATERITE		

BH No. MBM-02

Easting (m)		417795.429								Date of Commencement.:	07.09.24
Northing (m)		2605341.39								Date of Closure:	12.09.2024
Collar R.L. (m)		405.758								Total Depth (m):	52.50m
Section Line :		S1-S1'								Inclination:	Vertical
Drilling			Recovered Thickness (m)	Recovery %	Extrapolated Thickness (m)	Core Size	Lithology	COLOR	Structural Features	Mineralization	Remarks
From (m)	To (m)	Run (m)									
0.00	1.00	1.00	1.00	100	1.00	NW	ALUMINOUS LATERITE + CLAY MIXED	REDDISH BROWN		ALUMINOUS LATERITE	
1.00	2.00	1.00	1.00	100	1.00	NW	ALUMINOUS LATERITE + CLAY MIXED	REDDISH BROWN		ALUMINOUS LATERITE	
2.00	3.00	1.00	1.00	100	1.00	NW	ALUMINOUS LATERITE + CLAY MIXED	REDDISH BROWN		ALUMINOUS LATERITE	
3.00	4.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	REDDISH BROWN		ALUMINOUS LATERITE	
4.00	5.00	1.00	0.75	75	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	WHITISH YELLOW	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
5.00	6.00	1.00	0.70	70	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
6.00	7.00	1.00	0.85	85	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
7.00	8.00	1.00	0.85	85	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
8.00	9.00	1.00	0.90	90	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
9.00	10.00	1.00	0.85	85	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
10.00	11.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
11.00	12.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE + CLAY MIXED	YELLOWISH WHITE	POWDERY, FRAGMENTED	ALUMINOUS LATERITE	
12.00	13.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
13.00	14.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
14.00	15.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
15.00	16.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
16.00	17.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
17.00	18.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
18.00	19.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
19.00	20.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
20.00	21.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
21.00	22.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
22.00	23.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
23.00	24.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
24.00	25.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
25.00	26.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
26.00	27.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
27.00	28.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
28.00	29.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
29.00	30.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
30.00	31.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
31.00	32.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
32.00	33.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		

Drilling			Recovered Thickness (m)	Recovery %	Extrapolated Thickness (m)	Core Size	Lithology	COLOR	Structural Features	Mineralization	Remarks
From (m)	To (m)	Run (m)									
33.00	34.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
34.00	35.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
35.00	36.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
36.00	37.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
37.00	38.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
38.00	39.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
39.00	40.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
40.00	41.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
41.00	42.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
42.00	43.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
43.00	44.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
44.00	45.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
45.00	46.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
46.00	47.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
47.00	48.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
48.00	49.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
49.00	50.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
50.00	51.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
51.00	52.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN	CLAYEY		
52.00	52.50	0.50	0.50	100	0.50	NQ	CLAY	REDDISH BROWN	CLAYEY		

BH No. MBM-03

Easting (m)		417157.197								Date of Commencement.:	17.09.2024
Northing (m)		2604741.12								Date of Closure:	20.09.2024
Collar R.L. (m)		408.408								Total Depth (m):	11.50m
Section Line :		S3-S3'								Inclination:	Vertical
Drilling			Recovered Thickness (m)	Recovery %	Extrapolated Thickness (m)	Core Size	Lithology	COLOR	Structural Features	Mineralization	Remarks
From (m)	To (m)	Run (m)									
0.00	1.00	1.00	1.00	100	1.00	NW	ALLUMINOUS LATERITE	PINKISH WHITE		ALLUMINOUS LATERITE	
1.00	2.00	1.00	1.00	100	1.00	NW	ALLUMINOUS LATERITE	PINKISH WHITE		ALLUMINOUS LATERITE	
2.00	3.00	1.00	0.65	65	1.00	NW	CLAY	BROWN	BROKEN		
3.00	4.00	1.00	0.80	80	1.00	NQ	CLAY	BROWN	BROKEN		
4.00	5.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN			
5.00	6.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN			
6.00	7.00	1.00	0.90	90	1.00	NQ	CLAY	REDDISH BROWN	OCC. POWDERY		
7.00	8.00	1.00	1.00	100	1.00	NQ	CLAY	REDDISH BROWN			
8.00	9.00	1.00	1.00	100	1.00	NQ	CLAY	GREISH BROWN	CLAYEY		
9.00	10.00	1.00	1.00	100	1.00	NQ	CLAY	GREISH BROWN	CLAYEY		
10.00	11.00	1.00	1.00	100	1.00	NQ	CLAY	GREISH BROWN	CLAYEY		
11.00	11.50	0.50	0.50	100	0.50	NQ	CLAY	GREISH BROWN	CLAYEY		

BH No. MBM-4

Easting (m)			416250.367							Date of Commencement.:		22.11.2024
Northing (m)			2603253.339							Date of Closure:		27.11.2024
Collar R.L. (m)			404.726							Total Depth (m):		20.00m
Section Line :			S2-S2'							Inclination:		Vertical
Drilling			Recovered Thickness (m)	Recovery %	Extrapolated Thickness (m)	Core Size	Lithology	COLOR	Structural Features	Mineralization	Remarks	
From (m)	To (m)	Run (m)										
0.00	1.00	1.00	1.00	100	1.00	NW	LATERITE	BROWNISH RED	FRAGMENTED	ALUMINOUS LATERITE		
1.00	2.00	1.00	1.00	100	1.00	NQ	LATERITE	BROWNISH RED	FRAGMENTED	ALUMINOUS LATERITE		
2.00	3.00	1.00	1.00	100	1.00	NQ	LATERITE	BROWNISH RED	FRAGMENTED	ALUMINOUS LATERITE		
3.00	4.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	YELLOW OCHRE	FRAGMENTED	ALUMINOUS LATERITE		
4.00	5.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	YELLOWISH RED	FRAGMENTED	ALUMINOUS LATERITE		
5.00	6.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED	FRAGMENTED	ALUMINOUS LATERITE		
6.00	7.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED	FRAGMENTED	ALUMINOUS LATERITE		
7.00	8.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED	FRAGMENTED	ALUMINOUS LATERITE		
8.00	9.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
9.00	10.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
10.00	11.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
11.00	12.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
12.00	13.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
13.00	14.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
14.00	15.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
15.00	16.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	GREISH RED		ALUMINOUS LATERITE		
16.00	17.00	1.00	1.00	100	1.00	NQ	ALUMINOUS LATERITE	REDDISH GREY		ALUMINOUS LATERITE		
17.00	18.00	1.00	0.70	70	1.00	NQ	ALUMINOUS LATERITE	REDDISH GREY	POWDERY	ALUMINOUS LATERITE		
18.00	19.00	1.00	0.65	65	1.00	NQ	ALUMINOUS LATERITE	REDDISH GREY	POWDERY	ALUMINOUS LATERITE		
19.00	20.00	1.00	0.65	65	1.00	NQ	ALUMINOUS LATERITE	REDDISH GREY	POWDERY	ALUMINOUS LATERITE		

BH No. MBM-5

Easting (m)			416495.300							Date of Commencement.:		28.11.2024
Northing (m)			2603474.214							Date of Closure:		02.12.2024
Collar R.L. (m)			408.445							Total Depth (m):		20.00 m
Section Line :			S2-S2'							Inclination:		Vertical
Drilling			Recovered Thickness (m)	Recovery %	Extrapolated Thickness (m)	Core Size	Lithology	COLOR	Structural Features	Mineralization	Remarks	
From (m)	To (m)	Run (m)										
0.00	1.00	1.00	1.00	100	1.00	NW	LATERITIC SOIL	REDDISH YELLOW				
1.00	2.00	1.00	1.00	100	1.00	NW	LATERITIC SOIL	REDDISH YELLOW				
2.00	3.00	1.00	1.00	100	1.00	NW	LATERITIC SOIL	REDDISH YELLOW				
3.00	4.00	1.00	1.00	100	1.00	NW	LATERITE	REDDISH BROWN				
4.00	5.00	1.00	1.00	100	1.00	NQ	LATERITE	REDDISH BROWN				
5.00	6.00	1.00	1.00	100	1.00	NQ	LATERITE	REDDISH BROWN				
6.00	7.00	1.00	1.00	100	1.00	NQ	LATERITE	REDDISH BROWN				
7.00	8.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
8.00	9.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
9.00	10.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
10.00	11.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
11.00	12.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
12.00	13.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
13.00	14.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
14.00	15.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
15.00	16.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
16.00	17.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
17.00	18.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
18.00	19.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			
19.00	20.00	1.00	1.00	100	1.00	NQ	CLAY	PINKISH WHITE	CLAYEY			