

BOREHOLE WISE DETAILED LITHOLOGS OF HIWARDHARA-GANESHPURA BLOCK, DISTRICT: YAVATMAL, MAHARASHTRA

BOREHOLE NO: MHG-01

Block Name: Hiwardhara-Ganeshpura (G3)

Location

Northing (m) 2196831.868

Easting (m) 277217.787

Reduced Level 215.58

Date of commencement: 12.03.2025

Date of Closure: 18.03.2025

Borehole Azimuth: Vertical

Borehole angle: 90 Degrees

Depth: 50 m

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
0.00	1.00	1.00	0.85	85.00	0.85	0.00	1.00	1.00	0.00	Dolomite	Light grey		NW Casing-3m
1.00	4.00	3.00	2.50	83.33	2.50	1.00	4.00	3.00	0.00	Dolomite	Light grey		
4.00	7.00	3.00	2.70	90.00	2.70	4.00	7.00	3.00	6.67	Dolomite	Light grey		
7.00	10.00	3.00	2.70	90.00	2.70	7.00	10.00	3.00	14.00	Dolomite	Light grey		
10.00	13.00	3.00	2.85	95.00	2.85	10.00	13.00	3.00	25.67	Dolomite	Light grey		
13.00	16.00	3.00	3.00	100.00	3.00	13.00	16.00	3.00	60.00	Dolomite	Light grey		
16.00	19.00	3.00	2.90	96.67	2.27	16.00	18.35	2.35	28.67	Dolomite	Light grey		
					0.63	18.35	19.00	0.65	0.00	Shale with calcite veins	Black	Laminations	Multiple Calcite veins
19.00	22.00	3.00	2.80	93.33	2.80	19.00	22.00	3.00	18.33	Shale with calcite veins	Black	Laminations	Multiple Calcite veins
22.00	25.00	3.00	2.80	93.33	2.80	22.00	25.00	3.00	20.00	Shale with calcite veins	Black	Laminations	Multiple Calcite veins
25.00	28.00	3.00	2.80	93.33	2.80	25.00	28.00	3.00	14.33	Dolomite	Light grey	Laminations, Fractured	Calcite veins
28.00	31.00	3.00	2.90	96.67	0.68	28.00	28.70	0.70	23.67	Dolomite	Light grey	Laminations, Fractured	Calcite veins
					2.22	28.70	31.00	2.30	0.00	Shale with calcite veins	Grey	Fractured	Calcite veins
31.00	34.00	3.00	3.00	100.00	3.00	31.00	34.00	3.00	28.00	Shale with calcite veins	Grey	Fractured	Calcite veins
34.00	37.00	3.00	2.90	96.67	0.29	34.00	34.30	0.30	37.67	Shale with calcite veins	Grey	Fractured	Calcite veins
					1.16	34.30	35.50	1.20	0.00	Dolomite	Light grey	Fractured	Calcite veins
					0.48	35.50	36.00	0.50	0.00	Shale with calcite veins	Grey	Fractured	Calcite veins
					0.53	36.00	36.55	0.55	0.00	Dolomite	Light grey	Fractured	Calcite veins
					0.19	36.55	36.75	0.20	0.00	Shale with calcite veins	Grey	Fractured	Calcite veins
					0.24	36.75	37.00	0.25	0.00	Dolomite	Light grey	Fractured	Calcite veins

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
37.00	40.00	3.00	2.80	93.33	2.80	37.00	40.00	3.00	16.00	Dolomite	Light grey	Fractured	Calcite veins
40.00	43.00	3.00	2.90	96.67	2.90	40.00	43.00	3.00	3.67	Dolomite	Light grey	Fractured	Calcite veins
43.00	46.00	3.00	3.00	100.00	3.00	43.00	46.00	3.00	33.67	Dolomite	Light grey	Fractured	Calcite veins
46.00	49.00	3.00	2.90	96.67	2.90	46.00	49.00	3.00	58.33	Dolomite	Light grey	Fractured	Calcite veins
49.00	50.00	1.00	1.00	100.00	1.00	49.00	50.00	1.00	0.00	Dolomite	Light grey	Fractured	Calcite veins
TOTAL		50.00	47.30	94.60				50.00					

BOREHOLE NO :MHG-02

Block Name: Hiwardhara-Ganeshpura (G3)

Location

Northing (m) 2195163.321

Easting (m) 277386.279

Reduced Level 223.924

Date of commencement: 16.03.2025

Date of Closure: 21.03.2025

Borehole Azimuth: Vertical

Borehole angle: 90 Degrees

Depth: 50 m

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
0.00	1.00	1.00	0.60	60.00	0.60	0.00	1.00	1.00	0.00	Top Soil	Light Yellow		NW Casing-3m
1.00	2.00	1.00	0.65	65.00	0.65	1.00	2.00	1.00	0.00	Top Soil	Light Yellow		
2.00	3.00	1.00	0.70	70.00	0.70	2.00	3.00	1.00	0.00	Top Soil	Light Yellow		
3.00	4.00	1.00	0.70	70.00	0.67	3.00	3.95	0.95	0.00	Top Soil	Light Yellow		
					0.04	3.95	4.00	0.05	0.00	Boulder of dolomite	Light grey		
4.00	5.00	1.00	0.65	65.00	0.65	4.00	5.00	1.00	0.00	Top Soil	Light grey		
5.00	6.00	1.00	0.65	65.00	0.65	5.00	6.00	1.00	0.00	Top Soil	Light grey		
6.00	8.00	2.00	1.70	85.00	1.70	6.00	8.00	2.00	0.00	Claystone	Light Yellow	Highly fractred	
8.00	10.00	2.00	1.60	80.00	1.60	8.00	10.00	2.00	0.00	Claystone	Light Yellow	Highly fractred	
10.00	11.00	1.00	0.80	80.00	0.80	10.00	11.00	1.00	0.00	Claystone	Light Yellow	Highly fractred	
11.00	13.00	2.00	1.70	85.00	0.60	11.00	11.70	0.70	0.00	Claystone	Light Yellow	Highly fractred	
					0.26	11.70	12.00	0.30	0.00	Boulders of dolomite	Light grey		
					0.85	12.00	13.00	1.00	0.00	Claystone	Light Yellow	Highly fractred	
13.00	15.00	2.00	1.90	95.00	1.90	13.00	15.00	2.00	0.00	Claystone	Light Brown	Highly fractred	
15.00	17.00	2.00	1.90	95.00	1.90	15.00	17.00	2.00	0.00	Claystone	Light Brown	Highly fractred	
17.00	18.00	1.00	0.90	90.00	0.90	17.00	18.00	1.00	0.00	Claystone	Light Brown	Highly fractred	
18.00	19.00	1.00	0.90	90.00	0.54	18.00	18.60	0.60	0.00	Claystone	Light Brown	Highly fractred	
					0.36	18.60	19.00	0.40	0.00	Dolomite	Light grey	Highly fractred	
19.00	21.00	2.00	1.80	90.00	0.72	19.00	19.80	0.80	21.00	Claystone	Light Brown	Highly fractred	
					1.08	19.80	21.00	1.20	0.00	Dolomite	Light grey	Fractured	
21.00	23.00	2.00	2.00	100.00	0.30	21.00	21.30	0.30	62.00	Dolomite	Light grey	Fractured	
					0.55	21.30	21.85	0.55	0.00	Brecciated dolomite	Light grey	Fractured	
					1.15	21.85	23.00	1.15	0.00	Dolomite	Light grey	Highly fractred	
23.00	25.00	2.00	2.00	100.00	2.00	23.00	25.00	2.00	20.00	Dolomite	Light grey	Highly fractred	
25.00	27.00	2.00	2.00	100.00	2.00	25.00	27.00	2.00	46.50	Dolomite	Light grey	Fractured	
27.00	29.00	2.00	2.00	100.00	1.00	27.00	28.00	1.00	26.00	Dolomite	Light grey	Fractured	
					1.00	28.00	29.00	1.00	0.00	Shale	Black	Highly fractred	

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
29.00	31.00	2.00	2.00	100.00	2.00	29.00	31.00	2.00	28.50	Shale	Black	Fractured	
31.00	33.00	2.00	2.00	100.00	1.30	31.00	32.30	1.30	55.50	Shale	Black	Fractured	
					0.70	32.30	33.00	0.70	0.00	Dolomite	Light grey	Fractured	
33.00	35.00	2.00	2.00	100.00	2.00	33.00	35.00	2.00	36.50	Dolomite	Light grey	Fractured	
35.00	37.00	2.00	2.00	100.00	2.00	35.00	37.00	2.00	49.50	Dolomite	Light grey	Fractured	
37.00	39.00	2.00	2.00	100.00	0.30	37.00	37.30	0.30	0.00	Dolomite	Light grey	Fractured	
					1.70	37.30	39.00	1.70	0.00	Shale	Black	Fractured	
39.00	41.00	2.00	2.00	100.00	1.00	39.00	40.00	1.00	11.00	Shale	Black	Fractured	
					1.00	40.00	41.00	1.00	0.00	Dolomite	Light grey	Fractured	
41.00	43.00	2.00	2.00	100.00	2.00	41.00	43.00	2.00	73.00	Dolomite	Light grey	Fractured	
43.00	46.00	3.00	3.00	100.00	3.00	43.00	46.00	3.00	52.33	Dolomite	Light grey	Fractured	
46.00	48.00	2.00	2.00	100.00	2.00	46.00	48.00	2.00	61.50	Dolomite	Light grey	Fractured	
48.00	50.00	2.00	2.00	100.00	2.00	48.00	50.00	2.00	13.50	Dolomite	Light grey	Fractured	
TOTAL		50.00	46.15	92.30				50.00					

BOREHOLE NO :MHG-03

Block Name: Hiwardhara-Ganeshpura (G3)

Location

Northing (m) 2193083.605

Easting (m) 276472.151

Reduced Level 215.758

Date of commencement: 20.03.2025

Date of Closure: 29.03.2025

Borehole Azimuth: Vertical

Borehole angle: 90 Degrees

Depth: 50 m

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
0.00	1.00	1.00	0.80	80.00	0.80	0.00	1.00	1.00	10.00	Dolomite	Whitish		NW Casing-1m
1.00	4.00	3.00	2.90	96.67	2.90	1.00	4.00	3.00	14.33	Dolomite	Whitish	Fractured	
4.00	7.00	3.00	2.70	90.00	2.70	4.00	7.00	3.00	9.67	Dolomite	Whitish	Fractured	
7.00	10.00	3.00	2.90	96.67	2.90	7.00	10.00	3.00	4.67	Dolomite	Whitish	Fractured	
10.00	13.00	3.00	2.90	96.67	2.90	10.00	13.00	3.00	0.00	Dolomite	Whitish grey	Highly fractured	
13.00	16.00	3.00	2.80	93.33	1.87	13.00	15.00	2.00	0.00	Dolomite	Whitish grey	Highly fractured	
					0.93	15.00	16.00	1.00	0.00	Dolomite	Grey	Highly fractured	
16.00	19.00	3.00	2.70	90.00	2.70	16.00	19.00	3.00	6.67	Dolomite	Grey	Highly fractured	
19.00	22.00	3.00	2.85	95.00	2.85	19.00	22.00	3.00	8.00	Dolomite	Grey	Highly fractured	
22.00	25.00	3.00	2.90	96.67	2.90	22.00	25.00	3.00	18.67	Dolomite	Grey	Highly fractured	
25.00	28.00	3.00	2.90	96.67	2.90	25.00	28.00	3.00	10.00	Dolomite	Grey	Highly fractured	
28.00	31.00	3.00	2.95	98.33	2.95	28.00	31.00	3.00	0.00	Dolomite	Grey	Highly fractured	
31.00	34.00	3.00	2.95	98.33	2.95	31.00	34.00	3.00	0.00	Dolomite	Grey	Highly fractured	
34.00	37.00	3.00	2.90	96.67	2.90	34.00	37.00	3.00	0.00	Dolomite	Grey	Highly fractured	
37.00	40.00	3.00	2.90	96.67	2.90	37.00	40.00	3.00	4.00	Dolomite	Grey	Highly fractured	
40.00	43.00	3.00	2.90	96.67	2.90	40.00	43.00	3.00	0.00	Dolomite	Grey	Highly fractured	
43.00	46.00	3.00	2.85	95.00	2.85	43.00	46.00	3.00	0.00	Dolomite	Grey	Highly fractured	
46.00	49.00	3.00	2.80	93.33	2.80	46.00	49.00	3.00	4.00	Dolomite	Grey	Highly fractured	
49.00	50.00	1.00	0.80	80.00	0.80	49.00	50.00	1.00	0.00	Dolomite	Grey	Highly fractured	
	TOTAL	50.00	47.40	94.80				50.00					

BOREHOLE NO :MHG-04

Block Name: Hiwardhara-Ganeshpura (G3)

Location

Northing (m) 2194810.382

Easting (m) 276391.514

Reduced Level 225.747

Date of commencement: 23.03.2025

Date of Closure: 27.03.2025

Borehole Azimuth: Vertical

Borehole angle: 90 Degrees

Depth: 50 m

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
0.00	1.00	1.00	0.60	60.00	0.60	0.00	1.00	1.00	0.00	Top Soil	Grey		NW Casing-3m
1.00	2.00	1.00	0.60	60.00	0.60	1.00	2.00	1.00	0.00	Top Soil	Grey		
2.00	3.00	1.00	0.65	65.00	0.65	2.00	3.00	1.00	0.00	Top Soil	Grey		
3.00	4.00	1.00	0.60	60.00	0.60	3.00	4.00	1.00	0.00	Top Soil	Grey		
4.00	5.00	1.00	0.80	80.00	0.80	4.00	5.00	1.00	0.00	Shale	Grey	Highly fractured	
5.00	6.00	1.00	0.70	70.00	0.70	5.00	6.00	1.00	0.00	Shale	Grey	Highly fractured	
6.00	7.00	1.00	1.00	100.00	1.00	6.00	7.00	1.00	59.00	Dolerite	Black		Calcite veins
7.00	9.00	2.00	1.93	96.50	1.93	7.00	9.00	2.00	56.50	Dolerite	Black		Calcite veins
9.00	11.00	2.00	2.00	100.00	2.00	9.00	11.00	2.00	75.50	Dolerite	Black		Calcite veins
11.00	13.00	2.00	1.95	97.50	1.95	11.00	13.00	2.00	80.50	Dolerite	Black		Calcite veins
13.00	15.00	2.00	2.00	100.00	2.00	13.00	15.00	2.00	84.50	Dolerite	Black		
15.00	17.00	2.00	1.85	92.50	1.85	15.00	17.00	2.00	86.50	Dolerite	Black		
17.00	19.00	2.00	2.00	100.00	2.00	17.00	19.00	2.00	93.00	Dolerite	Black		
19.00	22.00	3.00	2.90	96.67	2.90	19.00	22.00	3.00	87.33	Dolerite	Black		
22.00	25.00	3.00	2.95	98.33	2.46	22.00	24.50	2.50	90.33	Dolerite	Black		
					0.49	24.50	25.00	0.50	0.00	Siltstone	Light grey	Highly fractured	
					1.93	25.00	27.00	2.00	20.00	Siltstone	Light grey	Highly fractured	
25.00	28.00	3.00	2.90	96.67	0.97	27.00	28.00	1.00	0.00	Sandstone with thin layers of dolomite	Yellowish white	Highly fractured	
28.00	31.00	3.00	2.70	90.00	2.70	28.00	31.00	3.00	44.00	Sandstone with thin layers of dolomite	Yellowish white		
31.00	34.00	3.00	2.70	90.00	2.70	31.00	34.00	3.00	54.33	Sandstone with thin layers of dolomite	Yellowish white		

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
34.00	37.00	3.00	2.50	83.33	1.25	34.00	35.50	1.50	21.33	Sandstone with thin layers of dolomite	Light brown		
					1.25	35.50	37.00	1.50	0.00	Sandstone with thin layers of dolomite	White	Highly fractured	
37.00	40.00	3.00	2.70	90.00	2.70	37.00	40.00	3.00	65.00	Sandstone with thin layers of dolomite	White		
40.00	43.00	3.00	2.95	98.33	2.95	40.00	43.00	3.00	62.00	Sandstone with thin layers of dolomite	White		
43.00	46.00	3.00	3.00	100.00	3.00	43.00	46.00	3.00	55.67	Sandstone with thin layers of dolomite	Pinkish white		
46.00	49.00	3.00	3.00	100.00	3.00	46.00	49.00	3.00	56.33	Sandstone with thin layers of dolomite	Brown		
49.00	50.00	1.00	1.00	100.00	1.00	49.00	50.00	1.00	0.00	Sandstone with thin layers of dolomite	Brown	Highly fractured	
	TOTAL	50.00	45.98	91.96				50.00					

**BOREHOLE NO :MHG-05****Block Name:** Hiwardhara-Ganeshpura (G3)**Location****Northing (m)** 2193948.481**Easting (m)** 276267.031**Reduced Level** 224.437

Date of commencement: 31.03.2025

Date of Closure: 13.04.2025

Borehole Azimuth: Vertical

Borehole angle: 90 Degrees

Depth: 50 m

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
0.00	1.00	1.00	0.80	80.00	0.80	0.00	1.00	1.00	0.00	Top Soil	Brown		NW Casing 34m
1.00	2.00	1.00	0.80	80.00	0.80	1.00	2.00	1.00	0.00	Top Soil	Brown		
2.00	3.00	1.00	0.85	85.00	0.85	2.00	3.00	1.00	0.00	Soil	Light Yellow		
3.00	4.00	1.00	0.80	80.00	0.80	3.00	4.00	1.00	0.00	Soil	Light Yellow		
4.00	5.00	1.00	0.75	75.00	0.75	4.00	5.00	1.00	0.00	Soil	Light Brown		
5.00	6.00	1.00	0.70	70.00	0.70	5.00	6.00	1.00	0.00	Soil	Light Brown		
6.00	7.00	1.00	0.75	75.00	0.75	6.00	7.00	1.00	0.00	Soil	Light Brown		
7.00	8.00	1.00	0.70	70.00	0.42	7.00	7.60	0.60	0.00	Soil	Light Brown		
					0.28	7.60	8.00	0.40	0.00	Soil	Light Yellow		
8.00	9.00	1.00	0.90	90.00	0.90	8.00	9.00	1.00	0.00	Soil	Light Yellow		
9.00	10.00	1.00	0.85	85.00	0.85	9.00	10.00	1.00	0.00	Soil	Light Yellow		
10.00	11.00	1.00	0.85	85.00	0.85	10.00	11.00	1.00	0.00	Soil	Light Yellow		
11.00	12.00	1.00	0.85	85.00	0.17	11.00	11.20	0.20	0.00	Soil	Light Yellow		
					0.68	11.20	12.00	0.80	0.00	Sandstone	Whitish		
12.00	13.00	1.00	0.70	70.00	0.70	12.00	13.00	1.00	0.00	Sandstone	Whitish		
13.00	14.00	1.00	0.70	70.00	0.70	13.00	14.00	1.00	0.00	Sandstone	Whitish		
14.00	15.00	1.00	0.70	70.00	0.70	14.00	15.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
15.00	16.00	1.00	0.70	70.00	0.70	15.00	16.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
16.00	17.00	1.00	0.70	70.00	0.70	16.00	17.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
17.00	18.00	1.00	0.70	70.00	0.70	17.00	18.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
18.00	19.00	1.00	0.65	65.00	0.65	18.00	19.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
19.00	20.00	1.00	0.75	75.00	0.75	19.00	20.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
20.00	21.00	1.00	0.90	90.00	0.90	20.00	21.00	1.00	0.00	Dolomite	Whitish grey	Fractured	
21.00	22.00	1.00	0.85	85.00	0.85	21.00	22.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
22.00	23.00	1.00	0.80	80.00	0.80	22.00	23.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
23.00	24.00	1.00	0.80	80.00	0.80	23.00	24.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
24.00	25.00	1.00	0.80	80.00	0.80	24.00	25.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
25.00	26.00	1.00	0.70	70.00	0.70	25.00	26.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
26.00	27.00	1.00	0.70	70.00	0.70	26.00	27.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
27.00	28.00	1.00	0.70	70.00	0.70	27.00	28.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
28.00	29.00	1.00	0.70	70.00	0.70	28.00	29.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
29.00	30.00	1.00	0.70	70.00	0.70	29.00	30.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
30.00	31.00	1.00	0.70	70.00	0.70	30.00	31.00	1.00	0.00	Dolomite	Whitish grey	Highly fractured	
31.00	32.00	1.00	0.60	60.00	0.60	31.00	32.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
32.00	33.00	1.00	0.60	60.00	0.60	32.00	33.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
33.00	34.00	1.00	0.60	60.00	0.60	33.00	34.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
34.00	35.00	1.00	0.60	60.00	0.60	34.00	35.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
35.00	36.00	1.00	0.70	70.00	0.70	35.00	36.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
36.00	37.00	1.00	0.60	60.00	0.60	36.00	37.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
37.00	38.00	1.00	0.60	60.00	0.60	37.00	38.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
38.00	39.00	1.00	0.80	80.00	0.80	38.00	39.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
39.00	40.00	1.00	0.80	80.00	0.80	39.00	40.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
40.00	41.00	1.00	0.80	80.00	0.80	40.00	41.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
41.00	42.00	1.00	0.80	80.00	0.80	41.00	42.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
42.00	43.00	1.00	0.80	80.00	0.80	42.00	43.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
43.00	44.00	1.00	0.85	85.00	0.85	43.00	44.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
44.00	45.00	1.00	0.80	80.00	0.80	44.00	45.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
45.00	46.00	1.00	0.75	75.00	0.75	45.00	46.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
46.00	47.00	1.00	0.80	80.00	0.80	46.00	47.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
47.00	48.00	1.00	0.70	70.00	0.70	47.00	48.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
48.00	49.00	1.00	0.80	80.00	0.80	48.00	49.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
49.00	50.00	1.00	0.80	80.00	0.80	49.00	50.00	1.00	0.00	Dolomite	Light grey	Highly fractured	
	TOTAL	50.00	37.35	74.70				50.00					

BOREHOLE NO: MHG-06

Block Name: Hiwardhara-Ganeshpura (G3)

Location

Northing (m) 2195878.300

Easting (m) 277486.014

Reduced Level 228.950

Date of commencement: 16.04.2025

Date of Closure: 29.04.2025

Borehole Azimuth: Vertical

Borehole angle: 90 Degrees

Depth: 50 m

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
0.00	1.00	1.00	0.80	80.00	0.40	0.00	0.50	0.50	0.00	Soil	Red		NW casing 3m
					0.40	0.50	1.00	0.50	0.00	Dolomite	Light grey	Fractured	
1.00	2.00	1.00	0.95	95.00	0.95	1.00	2.00	1.00	33.00	Dolomite	Light grey	Fractured	
2.00	3.00	1.00	0.98	98.00	0.98	2.00	3.00	1.00	24.00	Dolomite	Light grey	Fractured	
3.00	4.00	1.00	0.95	95.00	0.95	3.00	4.00	1.00	0.00	Dolomite	Light grey	Fractured	
4.00	5.00	1.00	0.95	95.00	0.95	4.00	5.00	1.00	0.00	Dolomite	Light grey	Fractured	
5.00	6.00	1.00	0.95	95.00	0.95	5.00	6.00	1.00	21.00	Dolomite weathered	Light grey	Fractured	
6.00	7.00	1.00	0.95	95.00	0.47	6.00	6.50	0.50	0.00	Dolomite weathered	Light grey	Fractured	
					0.48	6.50	7.00	0.50	0.00	Shale	Yellowish grey	Fractured	
7.00	8.00	1.00	0.90	90.00	0.86	7.00	7.95	0.95	0.00	Shale	Yellowish grey	Fractured	
					0.04	7.95	8.00	0.05	0.00	Dolomite	Whitish grey	Fractured	
8.00	9.00	1.00	0.97	97.00	0.97	8.00	9.00	1.00	28.00	Dolomite	Whitish grey	Fractured	
9.00	10.00	1.00	1.00	100.00	1.00	9.00	10.00	1.00	41.00	Dolomite	Whitish grey	Fractured	
10.00	11.00	1.00	1.00	100.00	1.00	10.00	11.00	1.00	0.00	Dolomite	Whitish grey	Fractured	
11.00	12.00	1.00	0.95	95.00	0.95	11.00	12.00	1.00	20.00	Dolomite	Whitish grey	Fractured	
12.00	13.00	1.00	0.98	98.00	0.98	12.00	13.00	1.00	10.00	Dolomite	Whitish grey	Fractured	
13.00	14.00	1.00	0.96	96.00	0.96	13.00	14.00	1.00	14.00	Dolomite with Calcite veins	Whitish grey	Fractured	
14.00	15.00	1.00	0.96	96.00	0.96	14.00	15.00	1.00	47.00	Dolomite with Calcite veins	Whitish grey	Fractured	
15.00	16.00	1.00	1.00	100.00	1.00	15.00	16.00	1.00	79.00	Dolomite with Calcite veins	Whitish grey	Fractured	
16.00	17.00	1.00	1.00	100.00	1.00	16.00	17.00	1.00	56.00	Dolomite with Calcite veins	Whitish grey		
17.00	18.00	1.00	0.98	98.00	0.98	17.00	18.00	1.00	64.00	Dolomite with Calcite veins	Whitish grey		
18.00	19.00	1.00	0.97	97.00	0.97	18.00	19.00	1.00	76.00	Dolomite with Calcite veins	Whitish grey		

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
19.00	20.00	1.00	1.00	100.00	1.00	19.00	20.00	1.00	46.00	Dolomite with Calcite veins	Whitish grey		
20.00	21.00	1.00	1.00	100.00	1.00	20.00	21.00	1.00	83.00	Dolomite with Calcite veins	Whitish grey		
21.00	22.00	1.00	1.00	100.00	1.00	21.00	22.00	1.00	25.00	Dolomite with Calcite veins	Whitish grey		
22.00	23.00	1.00	1.00	100.00	0.30	22.00	22.30	0.30	30.00	Dolomite with Calcite veins	Whitish grey		
					0.70	22.30	23.00	0.70	22.00	Dolomite with Calcite veins	Dark grey		
23.00	24.00	1.00	1.00	100.00	1.00	23.00	24.00	1.00	17.00	Dolomite with Calcite veins	Dark grey		
24.00	25.00	1.00	1.00	100.00	1.00	24.00	25.00	1.00	59.00	Dolomite with Calcite veins	Dark grey		
25.00	26.00	1.00	1.00	100.00	1.00	25.00	26.00	1.00	68.00	Dolomite with Calcite veins	Dark grey		
26.00	27.00	1.00	1.00	100.00	1.00	26.00	27.00	1.00	29.00	Dolomite with Calcite veins	Dark grey		
27.00	28.00	1.00	1.00	100.00	1.00	27.00	28.00	1.00	12.00	Dolomite with Calcite veins	Dark grey		
28.00	29.00	1.00	1.00	100.00	1.00	28.00	29.00	1.00	31.00	Dolomite with Calcite veins	Dark grey		
29.00	30.00	1.00	1.00	100.00	0.40	29.00	29.40	0.40	15.00	Dolomite with Calcite veins	Dark grey		
					0.60	29.40	30.00	0.60	0.00	Shale	Dark grey		
30.00	31.00	1.00	1.00	100.00	1.00	30.00	31.00	1.00	34.00	Shale	Dark grey		
31.00	32.00	1.00	1.00	100.00	1.00	31.00	32.00	1.00	28.00	Shale	Dark grey		
32.00	33.00	1.00	1.00	100.00	0.60	32.00	32.60	0.60	37.00	Shale	Dark grey		
					0.40	32.60	33.00	0.40	0.00	Dolomite	Light grey		
33.00	34.00	1.00	1.00	100.00	0.25	33.00	33.25	0.25	57.00	Dolomite	Light grey		
					0.75	33.25	34.00	0.75	0.00	Shale	Dark grey		
34.00	35.00	1.00	1.00	100.00	0.20	34.00	34.20	0.20	36.00	Shale	Dark grey		
					0.80	34.20	35.00	0.80	0.00	Dolomite	Light grey		
35.00	36.00	1.00	1.00	100.00	1.00	35.00	36.00	1.00	45.00	Dolomite	Light grey		

Run (m)			Recovered Thickness (m)	Recovery %	Lithounit Legth (m)	Extrapolated (m)			RQD %	Lithology	Colour	Structures/Textures	Remarks
From	To	Thick				From	To	Thick-ness					
36.00	37.00	1.00	0.95	95.00	0.95	36.00	37.00	1.00	24.00	Dolomite	Light grey		
37.00	38.00	1.00	1.00	100.00	1.00	37.00	38.00	1.00	25.00	Dolomite with Calcite veins	Light grey		
38.00	39.00	1.00	0.95	95.00	0.95	38.00	39.00	1.00	65.00	Dolomite with Calcite veins	Light grey		
39.00	40.00	1.00	0.95	95.00	0.95	39.00	40.00	1.00	31.00	Dolomite with Calcite veins	Light grey		
40.00	41.00	1.00	1.00	100.00	1.00	40.00	41.00	1.00	25.00	Dolomite with Calcite veins	Light grey		
41.00	42.00	1.00	1.00	100.00	1.00	41.00	42.00	1.00	45.00	Dolomite with Calcite veins	Light grey		
42.00	43.00	1.00	1.00	100.00	1.00	42.00	43.00	1.00	26.00	Dolomite with Calcite veins	Light grey		
43.00	44.00	1.00	1.00	100.00	1.00	43.00	44.00	1.00	26.00	Dolomite with Calcite veins	Light grey		
44.00	45.00	1.00	0.95	95.00	0.95	44.00	45.00	1.00	38.00	Dolomite with Calcite veins	Light grey		
45.00	46.00	1.00	0.95	95.00	0.95	45.00	46.00	1.00	25.00	Dolomite with Calcite veins	Light grey		
46.00	47.00	1.00	1.00	100.00	1.00	46.00	47.00	1.00	73.00	Dolomite with Calcite veins	Light grey		
47.00	48.00	1.00	1.00	100.00	1.00	47.00	48.00	1.00	39.00	Dolomite with Calcite veins	Light grey		
48.00	49.00	1.00	1.00	100.00	1.00	48.00	49.00	1.00	17.00	Dolomite with Calcite veins	Light grey		
49.00	50.00	1.00	0.95	95.00	0.95	49.00	50.00	1.00	32.00	Dolomite with Calcite veins	Light grey		
	TOTAL	50.00	48.90	97.80				50.00					