

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

BOREHOLE NO: MHG-01

Block Name: Hiwardhara-Ganeshapura Block (G3)	Date of commencement: 12.03.2025
Location	Date of Closure: 18.03.2025
Northing (m) 2196831.87	Borehole Azimuth: Vertical
Easting (m) 277217.79	Borehole angle: 90 Degrees
Reduced Level (m) 215.58	Depth: 50 m

Depth (in meters)			Lithology/ Mineralisation
From	To	Thickness	
0.00	18.35	18.35	Dolomite
18.35	25.00	6.65	Shale with calcite veins
25.00	28.70	3.70	Dolomite
28.70	34.30	5.60	Shale with calcite veins
34.30	35.50	1.20	Dolomite
35.50	36.00	0.50	Shale with calcite veins
36.00	36.55	0.55	Dolomite
36.55	36.75	0.20	Shale with calcite veins
36.75	50.00	13.25	Dolomite

BOREHOLE NO: MHG-02

Block Name: Hiwardhara-Ganeshapura Block (G3)	Date of commencement: 16.03.2025
Location	Date of Closure: 21.03.2025
Northing (m) 2195163.32	Borehole Azimuth: Vertical
Easting (m) 277386.28	Borehole angle: 90 Degrees
Reduced Level (m) 223.92	Depth: 50 m

Depth (in meters)			Lithology/ Mineralisation
From	To	Thickness	
0.00	6.00	6.00	Soil
6.00	19.80	13.80	Claystone
19.80	21.30	1.50	Dolomite
21.30	21.85	0.55	Brecciated dolomite
21.85	28.00	6.15	Dolomite
28.00	32.30	4.30	Shale
32.30	37.30	5.00	Dolomite
37.30	40.00	2.70	Shale
40.00	50.00	10.00	Dolomite

BOREHOLE NO: MHG-03

Block Name: Hiwardhara-Ganeshapura Block (G3)	Date of commencement: 20.03.2025
Location	Date of Closure: 29.03.2025
Northing (m) 2193083.61	Borehole Azimuth: Vertical
Easting (m) 276472.15	Borehole angle: 90 Degrees
Reduced Level (m) 215.76	Depth: 50 m

Depth (in meters)			Lithology/ Mineralisation
From	To	Thickness	
0.00	50.00	50.00	Dolomite

BOREHOLE NO: MHG-04

Block Name: Hiwardhara-Ganeshapura Block (G3) **Date of commencement:** 23.03.2025
Location **Date of Closure:** 27.03.2025
Northing (m) 2194810.38 **Borehole Azimuth:** Vertical
Easting (m) 276391.51 **Borehole angle:** 90 Degrees
Reduced Level (m) 225.75 **Depth:** 50 m

Depth (in meters)			Lithology/ Mineralisation
From	To	Thickness	
0.00	4.00	4.00	Soil
4.00	6.00	2.00	Shale
6.00	24.50	18.50	Dolerite
24.50	27.00	2.50	Siltstone
27.00	50.00	23.00	Sandstone with thin layers of dolomite

BOREHOLE NO: MHG-05

Block Name: Hiwardhara-Ganeshapura Block (G3) **Date of commencement:** 31.03.2025
Location **Date of Closure:** 13.04.2025
Northing (m) 2193948.481 **Borehole Azimuth:** Vertical
Easting (m) 276267.031 **Borehole angle:** 90 Degrees
Reduced Level (m) 224.437 **Depth:** 50 m

Depth (in meters)			Lithology/ Mineralisation
From	To	Thickness	
0.00	11.20	11.20	Soil
11.20	14.00	2.80	Sandstone
14.00	50.00	36.00	Dolomite

BOREHOLE NO: MHG-06

Block Name: Hiwardhara-Ganeshapura Block (G3) **Date of commencement:** 16.04.2025
Location **Date of Closure:** 29.04.2025
Northing (m) 2195878.30 **Borehole Azimuth:** Vertical
Easting (m) 277486.01 **Borehole angle:** 90 Degrees
Reduced Level (m) 228.95 **Depth:** 50 m

Depth (in meters)			Lithology/ Mineralisation
From	To	Thickness	
0.00	0.50	0.50	Soil
0.50	6.50	6.00	Dolomite
6.50	7.95	1.45	Shale
7.95	29.40	21.45	Dolomite
29.40	32.60	3.20	Shale
32.60	33.25	0.65	Dolomite
33.25	34.20	0.95	Shale
34.20	50.00	15.80	Dolomite