

# BOREHOLE WISE DETAILED LITHOLOGS OF AKAPUR BLOCK, DISTRICT: YAVATMAL, MAHARASHTRA

## BOREHOLE No: MAK-01

Block Name: Akapur (G3)

Location

Easting (m) 278015.414

Northing (m) 2229245.7

Reduced Level(m) 212.885

Date of Commencement: 02.05.2025

Date of Closure: 13.05.2025

Borehole Azimuth: Vertical

Borehole Angle: 90°

Depth (m) : 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
0.00	1.00	1.00	0.80	80.00	1.00		Top Soil		Brownish Black		
1.00	2.00	1.00	0.80	80.00	1.00		Top Soil		Black		
2.00	3.00	1.00	0.80	80.00	1.00		Top Soil		Black		
3.00	4.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
4.00	5.00	1.00	0.90	90.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
5.00	6.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
6.00	7.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
7.00	8.00	1.00	0.75	75.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
8.00	9.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
9.00	10.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
10.00	11.00	1.00	0.70	70.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
11.00	12.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
12.00	13.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
13.00	14.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
14.00	15.00	1.00	0.85	85.00	1.00	22.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
15.00	16.00	1.00	0.95	95.00	1.00	35.00	Shale	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	



Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
16.00	17.00	1.00	0.85	85.00	1.00	14.00	Shale	Weathered	Yellowish white		
17.00	18.00	1.00	0.95	95.00	0.70	39.00	Shale	Weathered	Yellowish white		
					0.30		Shale	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
18.00	19.00	1.00	0.95	95.00	1.00	41.00	Shale	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
19.00	20.00	1.00	0.95	95.00	1.00	13.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
20.00	21.00	1.00	0.90	90.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
21.00	22.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
22.00	23.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
23.00	24.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
24.00	25.00	1.00	0.85	85.00	1.00	33.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
25.00	26.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
26.00	27.00	1.00	0.90	90.00	1.00	23.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
27.00	28.00	1.00	0.90	90.00	1.00	12.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
28.00	29.00	1.00	0.95	95.00	1.00	79.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
29.00	30.00	1.00	0.95	95.00	1.00	12.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
30.00	31.00	1.00	0.95	95.00	1.00	11.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
31.00	32.00	1.00	0.95	95.00	1.00	42.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
32.00	33.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	



Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
33.00	34.00	1.00	0.85	85.00	1.00	13.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
34.00	35.00	1.00	0.80	80.00	1.00	20.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
35.00	36.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
36.00	37.00	1.00	0.80	80.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
37.00	38.00	1.00	0.90	90.00	1.00	27.00	Dolomite	Fault Breccia	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
38.00	39.00	1.00	0.90	90.00	1.00		Dolomite	Fault Breccia	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
39.00	40.00	1.00	0.85	85.00	1.00		Dolomite	Fault Breccia	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
40.00	41.00	1.00	0.80	80.00	1.00		Dolomite	Fault Breccia	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
41.00	42.00	1.00	0.95	95.00	1.00	66.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
42.00	43.00	1.00	0.90	90.00	1.00	27.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
43.00	44.00	1.00	0.85	85.00	1.00		Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
44.00	45.00	1.00	0.90	90.00	1.00	27.00	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
45.00	48.00	3.00	2.70	90.00	3.00	15.33	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
48.00	50.00	2.00	1.85	92.50	2.00	30.50	Dolomite	Fractured/ Calcite veinlets	Whitish grey	Secondary Calcite Deposit Calcite veinlets	
<b>TOTAL</b>		<b>50.00</b>	<b>43.15</b>	<b>86.30</b>							

### BOREHOLE No : MAK-02

**Block Name:** Akapur (G3)  
**Location**  
**Easting (m)** 276245.719  
**Northing (m)** 2229338.058  
**Reduced Level(m)** 219.676

Date of Commencement: 03.05.2025  
 Date of Closure: 11.05.2025  
 Borehole Azimuth: Vertical  
 Borehole Angle: 90°  
 Depth (m): 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
0.00	1.00	1.00	0.85	85.00	1.00		Top Soil		Black		
1.00	2.00	1.00	0.90	90.00	0.40		Top Soil		Black		
					0.60		Top Soil	Silt	Whitish grey		
2.00	3.00	1.00	0.95	95.00	1.00		Top Soil	Silt	Whitish grey		
3.00	4.00	1.00	1.00	100	0.50		Top Soil	Silt	Whitish grey		
					0.50		Dolomite	Fractured	Whitish grey		
4.00	5.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
5.00	6.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
6.00	7.00	1.00	0.70	70.00	1.00		Dolomite	Fractured	Whitish grey		
7.00	8.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
8.00	9.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
9.00	10.00	1.00	0.90	90.00	0.30		Shale	Fractured	Whitish grey	Calcite veins	
					0.70		Shale	Fractured	Yellowish white	Calcite veins	
10.00	11.00	1.00	0.80	80.00	1.00		Shale	Fractured	Whitish grey	Calcite veins	
11.00	12.00	1.00	0.85	85.00	1.00		Shale	Fractured	Whitish grey	Calcite veins	
12.00	13.00	1.00	0.70	70.00	1.00		Shale	Highly Fractured	Whitish grey	Calcite veins	
13.00	14.00	1.00	0.60	60.00	1.00		Shale	Highly Fractured	Whitish grey	Calcite veins	
14.00	15.00	1.00	0.60	60.00	1.00		Shale	Highly Fractured	Whitish grey	Calcite veins	
15.00	16.00	1.00	0.50	50.00	1.00		Shale	Highly Fractured	Whitish grey	Calcite veins	
16.00	17.00	1.00	0.50	50.00	1.00		Shale	Highly Fractured	Whitish grey	Calcite veins	
17.00	18.00	1.00	0.85	85.00	1.00		Shale	Fractured	Whitish grey	Calcite veins	
18.00	19.00	1.00	0.80	80.00	1.00		Shale	Fractured	Whitish grey	Calcite veins	
19.00	20.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		
20.00	21.00	1.00	0.90	90.00	1.00		Dolomite	Fractured	Whitish grey		
21.00	22.00	1.00	0.90	90.00	1.00		Dolomite	Fractured	Whitish grey		
22.00	23.00	1.00	0.90	90.00	1.00	10.00	Dolomite	Fractured	Whitish grey		
23.00	24.00	1.00	0.90	90.00	1.00	12.00	Dolomite	Fractured	Whitish grey		
24.00	25.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		
25.00	26.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
26.00	27.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
27.00	28.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		
28.00	29.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
29.00	30.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		
30.00	31.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		
31.00	32.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
32.00	33.00	1.00	0.85	85.00	1.00		Dolomite	Fractured	Whitish grey		
33.00	34.00	1.00	0.90	90.00	1.00		Shale	Fractured	Whitish grey	Calcite veins	
34.00	35.00	1.00	0.90	90.00	0.60		Shale	Fractured	Whitish grey	Calcite veins	
					0.40		Dolomite	Fractured	Dark grey		
35.00	37.00	2.00	3.00	100	2.70	6.67	Dolomite	Fractured	Dark grey		
					0.30		Dolomite	Fractured	Dark grey		
37.00	41.00	4.00	2.90	96.67	1.80	16.00	Shale	Fractured	Dark grey	Calcite veins	
41.00	42.00				1.20		Dolomite	Fractured	Whitish grey	Calcite veins	
42.00	44.00	2.00	3.00	100	1.30	32.00	Dolomite	Fractured	Whitish grey		
					1.70		Shale		Dark grey		
44.00	47.00	3.00	2.80	93.33	3.00	43.33	Shale		Dark grey		
47.00	50.00	3.00	2.90	96.67	3.00	42.00	Shale		Dark grey		
TOTAL		49.00	43.05	86.10							

**BOREHOLE No : MAK-03**

**Block Name:** Akapur (G3)  
**Location**  
**Easting (m)** 276927.663  
**Northing (m)** 2228950.986  
**Reduced Level(m)** 221.910

Date of Commencement: 13.05.2025  
Date of Closure: 17.05.2025  
Borehole Azimuth: Vertical  
Borehole Angle: 90°  
Depth (m): 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
0.00	1.00	1.00	0.60	60.00	1.00		Top Soil, Dark Grey				
1.00	2.00	1.00	0.60	60.00	1.00		Top Soil, Dark Grey				
2.00	3.00	1.00	0.60	60.00	1.00		Top Soil, Dark Grey				
3.00	3.50	0.50	0.70	70.00	0.50		Top Soil, Dark Grey				
3.50	5.00	1.50	0.70	70.00	1.00		Dolomite	Bouldary	Whitish grey		
5.00	6.00	1.00	0.95	95.00	1.00	16.00	Dolomite	Bouldary	Whitish grey		
6.00	8.00	2.00	1.90	95.00	2.00		Dolomite	Fractured	Whitish grey		
8.00	10.00	2.00	1.95	97.50	2.00	24.50	Dolomite	Fractured	Whitish grey	Calcite veins	
10.00	11.00	1.00					Dolomite			Calcite veins	
11.00	12.00	1.00	2.00	100	2.00	70.50	Dolomite	Fractured	Whitish grey	Calcite veins	
12.00	15.00	3.00	2.90	96.67	3.00	51.33	Dolomite		Whitish grey	Calcite veins	
15.00	18.00	3.00	3.00	100	3.00	68.67	Dolomite		Whitish grey		
18.00	20.00	2.00	2.00	100	2.00	58.00	Dolomite		Whitish grey		
20.00	23.00	3.00	2.70	90.00	3.00	54.67	Dolomite	Fractured	Whitish grey		
23.00	25.00	2.00	1.90	95.00	2.00	62.00	Dolomite	Fractured	Whitish grey		
25.00	27.00	2.00	2.90	145.00	3.00	10.00	Dolomite	Fractured	Whitish grey	Calcite veins	
27.00	30.00	3.00	1.85	61.67	2.00		Dolomite	Fractured	Whitish grey	Calcite veins	
30.00	33.00	3.00	2.80	93.33	3.00		Dolomite	Fractured	Grey	Calcite veins	
33.00	34.00	1.00	0.95	95.00	1.00	51.00	Dolomite	Fractured	Grey	Calcite veins	
34.00	35.00	1.00	1.95	195.00	2.00	23.00	Dolomite	Fractured	Grey	Calcite veins	
35.00	38.00	3.00	1.90	63.33	2.00	9.67	Dolomite	Highly Fractured	Grey	Calcite veins	
38.00	40.00	2.00	2.00	100	2.00	35.50	Dolomite	Highly Fractured	Whitish grey	Calcite veins	
40.00	41.00	1.00					Dolomite			Calcite veins	
41.00	43.00	2.00	2.95	147.50	3.00	10.00	Dolomite	Highly Fractured	Whitish grey	Calcite veins	
43.00	45.00	2.00	2.00	100	2.00	1.46	Dolomite	Fractured	Whitish grey		
45.00	48.00	3.00	2.70	90.00	3.00	8.00	Dolomite	Fractured	Whitish grey		
48.00	50.00	2.00	1.90	95.00	2.00	36.50	Dolomite	Fractured	Whitish grey		
TOTAL		50.00	46.40	92.80							

### BOREHOLE No : MAK-04

**Block Name:** Akapur (G3)

**Location**

**Easting (m)** 278426.912

**Northing (m)** 2229931.706

**Reduced Level(m)** 209.931

Date of Commencement: 15.05.2025

Date of Closure: 23.05.2025

Borehole Azimuth: Vertical

Borehole Angle: 90°

Depth (m): 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
0.00	1.00	1.00	0.60	60.00	1.00		Top soil		Light Brown		NW Casing 6m
1.00	2.00	1.00	0.90	90.00	1.00	23.00	Dolomite		Whitish grey		
2.00	3.00	1.00	0.90	90.00	1.00	10.00	Dolomite		Whitish grey		
3.00	4.00	1.00	0.85	85.00	1.00		Dolomite		Whitish grey		
4.00	5.00	1.00	0.80	80.00	1.00		Dolomite		Whitish grey		
5.00	6.00	1.00	0.90	90.00	1.00	23.00	Dolomite		Light grey		
6.00	7.00	1.00	0.90	90.00	1.00	25.00	Dolomite		Light grey		
7.00	8.00	1.00	0.85	85.00	1.00		Dolomite		Light grey		
8.00	9.00	1.00	0.90	90.00	1.00	14.00	Dolomite		Light grey		
9.00	10.00	1.00	0.90	90.00	1.00	13.00	Dolomite		Light grey		
10.00	11.00	1.00	0.95	95.00	1.00	16.00	Dolomite		Light grey		
11.00	12.00	1.00	0.95	95.00	1.00	37.00	Dolomite		Light grey		
12.00	13.00	1.00	0.75	75.00	1.00	12.00	Dolomite		Light grey		
13.00	14.00	1.00	0.83	83.00	1.00		Dolomite		Light grey		
14.00	15.00	1.00	0.90	90.00	1.00	22.00	Dolomite		Light grey		
15.00	16.00	1.00	0.90	90.00	1.00	53.00	Dolomite		Light grey		
16.00	17.00	1.00	0.90	90.00	1.00	36.00	Dolomite		Light grey		
17.00	18.00	1.00	0.95	95.00	1.00	31.00	Dolomite		Light grey		
18.00	19.00	1.00	0.90	90.00	1.00	55.00	Dolomite		Light grey		
19.00	20.00	1.00	0.95	95.00	1.00	47.00	Dolomite		Light grey		
20.00	21.00	1.00	1.00	100	1.00	40.00	Dolomite		Light grey		
21.00	22.00	1.00	0.80	80.00	1.00		Dolomite	Fractured	Whitish grey		
22.00	23.00	1.00	0.95	95.00	1.00		Dolomite	Fractured	Whitish grey		
23.00	24.00	1.00	1.00	100	1.00	10.00	Dolomite		Whitish grey		
24.00	25.00	1.00	0.80	80.00	1.00	13.00	Dolomite		Whitish grey		
25.00	26.00	1.00	0.75	75.00	1.00	12.00	Dolomite		Whitish grey		
26.00	27.00	1.00	0.95	95.00	1.00	29.00	Dolomite		Whitish grey		
27.00	28.00	1.00	0.90	90.00	1.00		Dolomite	Fractured	Whitish grey		
28.00	29.00	1.00	0.75	75.00	1.00	10.00	Dolomite	Fractured	Whitish grey		
29.00	30.00	1.00	0.70	70.00	1.00		Dolomite		Whitish grey		



Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
30.00	31.00	1.00	0.90	90.00	1.00	63.00	Dolomite		Whitish grey		
31.00	32.00	1.00	0.85	85.00	1.00	34.00	Dolomite		Whitish grey		
32.00	33.00	1.00	0.80	80.00	1.00		Dolomite		Whitish grey		
33.00	34.00	1.00	0.80	80.00	1.00		Dolomite		Light grey		
34.00	35.00	1.00	0.80	80.00	1.00		Dolomite		Light grey		
35.00	36.00	1.00	0.75	75.00	1.00		Dolomite		Light grey		
36.00	37.00	1.00	0.85	85.00	1.00	49.00	Dolomite		Light grey		
37.00	38.00	1.00	0.85	85.00	1.00	13.00	Shale		Light grey	Calcite veins	
38.00	39.00	1.00	0.90	90.00	1.00	19.00	Shale		Light grey	Calcite veins	
39.00	40.00	1.00	0.95	95.00	1.00	65.00	Dolomite		Whitish colour		
40.00	41.00	1.00	0.95	95.00	1.00	50.00	Dolomite		Whitish colour		
41.00	42.00	1.00	0.70	70.00	1.00		Dolomite	Bouldary	Whitish colour		
42.00	43.00	1.00	0.75	75.00	1.00		Dolomite	Bouldary	Light grey		
43.00	44.00	1.00	0.75	75.00	1.00		Dolomite	Bouldary	Light grey		
44.00	45.00	1.00	0.70	70.00	1.00		Dolomite	Bouldary	Light grey		
45.00	46.00	1.00	0.85	85.00	1.00		Dolomite	Bouldary	Light grey		
46.00	47.00	1.00	0.80	80.00	1.00		Dolomite	Bouldary	Light grey		
47.00	48.00	1.00	0.95	95.00	1.00		Dolomite	Bouldary	Light grey		
48.00	49.00	1.00	0.95	95.00	1.00		Dolomite	Bouldary	Light grey		
49.00	50.00	1.00	1.00	100	1.00		Dolomite		Whitish colour		
TOTAL		50.00	42.93	85.86							



**BOREHOLE No : MAK-05**

**Block Name:** Akapur (G3)  
**Location**  
**Easting (m)** 275551.012  
**Northing (m)** 2229737.696  
**Reduced Level(m)** 215.206

Date of Commencement: 19.05.2025  
Date of Closure: 24.05.2025  
Borehole Azimuth: Vertical  
Borehole Angle: 90°  
Depth (m): 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Structures/ Textures	Colour	Mineralogy	Remarks
From	To	Thick									
0.00	1.00	1.00	0.70	70.00	0.40		Top Soil				
					0.60		Top Soil		Black		
1.00	2.00	1.00	0.75	75.00	1.00		Top Soil		Light yellow		
2.00	3.00	1.00	0.75	75.00	1.00		Top Soil		Light yellow		
3.00	4.00	1.00	0.70	70.00	1.00		Top Soil		Light yellow		
4.00	5.00	1.00	0.70	70.00	0.20	33.00	Dolomite		Light yellow		
					0.80		Dolomite		Light grey		
5.00	7.00	2.00	1.85	92.50	2.00	5.00	Dolomite		Light grey		
7.00	9.00	2.00	2.75	91.67	3.00		Dolomite	Bouldary	Light grey		
9.00	12.00	3.00	1.90	95.00	2.00		Dolomite		Light grey		
12.00	15.00	3.00	2.60	86.67	3.00	13.67	Dolomite		Light grey		
15.00	17.00	2.00	1.50	75.00	2.00		Dolomite	Bouldary	Light grey		
17.00	20.00	3.00	2.50	83.33	3.00	16.67	Dolomite		Light grey		
20.00	21.00	1.00	2.00	100	1.00	49.50	Dolomite with calcite veins		Light grey		
					1.00		Dolomite		Whitish grey		
21.00	25.00	4.00	3.00	100	3.00	7.33	Shale		Whitish grey	Calcite veins	
25.00	27.00	2.00	1.80	90.00	2.00	9.50	Dolomite	Bouldary	Whitish grey		
27.00	30.00	3.00	3.00	100	3.00	7.67	Shale		Grey	Calcite veins	
30.00	31.00	1.00	2.00	100	2.00		Shale		Grey	Calcite veins	
31.00	33.00	2.00	2.50	83.33	3.00		Shale	Bouldary	Light grey	Calcite veins	
33.00	35.00	2.00	2.00	100	2.00	13.00	Dolomite		Grey	Calcite veins	
35.00	39.00	4.00					Shale			Calcite veins	
39.00	40.00	1.00	2.70	90.00	3.00	8.67	Dolomite		Whitish grey		
40.00	42.00	2.00	1.80	90.00	2.00		Dolomite		Light grey		
42.00	45.00	3.00	2.50	83.33	3.00	7.00	Dolomite		Light grey		
45.00	47.00	2.00	1.85	92.50	2.00		Dolomite		Light grey		
47.00	50.00	3.00	2.95	98.33	3.00	17.00	Dolomite		Light grey		
<b>TOTAL</b>			<b>50.00</b>	<b>44.80</b>	<b>89.60</b>						

### BOREHOLE No : MAK-06

**Block Name:** Akapur (G3)

**Location**

**Easting (m)** 277321.344

**Northing (m)** 2229613.809

**Reduced Level(m)** 225.206

Date of Commencement: 25.05.2025

Date of Closure: 12.06.2025

Borehole Azimuth: Vertical

Borehole Angle: 90°

Depth (m): 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Colour	Structures/Textures	Mineralogy	Remarks
From	To	Thick									
0.00	1.00	1.00	0.70	70.00	1.00		Top Soil	Black			
1.00	2.00	1.00	0.70	70.00	1.00		Top Soil	Black			
2.00	3.00	1.00	0.70	70.00	1.00	12.00	Dolomite	Light grey	Fractured weathered		
3.00	5.00	2.00	0.50	100	0.60	13.50	Dolomite	Light grey	Fractured		
			1.30		1.40		Dolomite	Grey	Fractured		
5.00	8.00	3.00	2.40	80.00	3.00	4.00	Dolomite	Grey	Fractured		
8.00	10.00	2.00	1.70	85.00	2.00		Dolomite	Grey	Fractured		
10.00	13.00	3.00	2.50	83.33	3.00	4.33	Dolomite	Grey	Fractured		
13.00	15.00	2.00	1.80	90.00	2.00	7.50	Dolomite	Grey	Fractured		
15.00	17.00	2.00	1.80	90.00	2.00	17.50	Dolomite	Grey	Fractured		
17.00	20.00	3.00	2.70	90.00	3.00	7.67	Dolomite	Grey	Fractured		
20.00	23.00	3.00	2.40	80.00	3.00	4.33	Dolomite	Grey	Boundary Fractured		
23.00	25.00	2.00	1.40	70.00	2.00		Dolomite	Grey	Boundary Fractured		
25.00	28.00	3.00	2.30	76.67	3.00	4.33	Dolomite	Grey	Boundary Fractured		
28.00	30.00	2.00	1.30	65.00	2.00		Dolomite	Grey	Boundary Fractured		
30.00	33.00	3.00	2.30	76.67	3.00	3.33	Dolomite	Grey	Boundary Fractured		
33.00	35.00	2.00	1.60	80.00	2.00		Dolomite	Grey	Boundary Fractured		
35.00	38.00	3.00	2.70	86.67	3.00		Dolomite	Grey	Boundary Fractured		
38.00	40.00	2.00	1.60	80.00	2.00		Dolomite	Grey	Boundary Fractured		
40.00	43.00	3.00	2.60	86.67	3.00		Dolomite	Grey	Boundary Fractured		
43.00	45.00	2.00	1.60	80.00	2.00		Dolomite	Grey	Boundary Fractured		
45.00	48.00	3.00	2.60	86.67	3.00		Dolomite	Grey	Boundary Fractured		
48.00	50.00	2.00	1.60	80.00	2.00		Dolomite	Grey	Boundary Fractured		
<b>TOTAL</b>		<b>50.00</b>	<b>40.80</b>	<b>81.60</b>							

### BOREHOLE No : MAK-07

**Block Name:** Akapur (G3)

**Location**

**Easting (m)** 276661.594

**Northing (m)** 2230071.673

**Reduced Level(m)** 227.955

Date of Commencement: 14.06.2025

Date of Closure: 26.06.2025

Borehole Azimuth: Vertical

Borehole Angle: 90°

Depth (m): 50.00

Run (m)			Recovered Thickness (m)	Recovery %	Extra-polated Thick. (m)	RQD (%)	Lithology	Colour	Structures/Textures		Remarks
From	To	Thick									
0.00	1.00	1.00	0.90	90.00	1.00		Top Soil	Dark grey			
1.00	2.00	1.00	0.90	90.00	0.80	65.00	Limestone	Grey	Fractured		
2.00	5.00	3.00	2.80	93.33	3.00	53.67	Limestone	Grey	Fractured, Brecciated		
5.00	8.00	3.00	2.80	93.33	3.00	19.67	Limestone	Grey	Fractured		
8.00	10.00	2.00	1.60	80.00	2.00	20.00	Limestone	Grey	Highly Fractured		
10.00	13.00	3.00	2.70	90.00	3.00		Limestone	Grey	Highly Fractured, Bouldary		
13.00	15.00	2.00	1.70	85.00	2.00		Limestone	Grey	Bouldary Highly Fractured		
15.00	17.00	2.00	1.70	56.67	2.00		Dolomite	Grey	Bouldary Highly Fractured		
			0.70		0.90		Dolomite	Grey	Fractured		
			0.10		0.10		Dolomite	Light grey	Fractured, weathered		
17.00	21.00	4.00	0.30	15.00	0.30		Shale	Grey	Fractured	Calcite veins	
			0.50		0.59		Dolomite	Light grey	Weathered		
			0.16		0.16		Dolomite	Light grey	Fractured		
			0.95		0.95		Dolomite	Light grey	Weathered		
21.00	23.00	2.00	2.65	88.33	3.00		Dolomite	Grey	Bouldary Highly Fractured		
23.00	25.00	2.00	1.70	85.00	2.00		Dolomite	Grey	Bouldary Highly Fractured		
25.00	28.00	3.00	2.70	90.00	3.00		Dolomite	Grey	Bouldary Highly Fractured		
28.00	30.00	2.00	1.70	85.00	2.00		Dolomite	Grey	Bouldary Highly Fractured		
30.00	33.00	3.00	2.60	86.67	3.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
33.00	35.00	2.00	1.60	80.00	2.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
35.00	38.00	3.00	2.60	86.67	3.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
38.00	40.00	2.00	1.60	80.00	2.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
40.00	43.00	3.00	2.60	86.67	3.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
43.00	45.00	2.00	1.60	80.00	2.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
45.00	47.00	2.00	2.60	86.67	3.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
47.00	50.00	3.00	1.60	80.00	2.00		Dolomite	Dark grey	Highly Fractured, Bouldary		
<b>TOTAL</b>		<b>50.00</b>	<b>43.36</b>	<b>86.72</b>							