

**Statement Showing run-wise lithologs of boreholes MKML-07 and 08 drilled by MECL, Malkhed - 2 South Block,
Kalaburagi District, Karnataka.
BOREHOLE NO MKML-07**

Northing 1900293.252
 Easting 734476.592
 R.L.(m): 419.564

Date of Commencement: 11.03.2025
 Date of Closure: 14.03.2025
 Angle of Borehole: Vertical
 Core size: NQ

Run (m)			Rec. Thick (m)	Rec. (%)	Floor Depth RI (m)	Lithology	Colour	Structural/ Nature Details	Remarks
From	To	Run (m)							
0.00	3.00	3.00	3.00	100.00	3.00	Sticky Soil	Blackish grey	Loose	
3.00	5.00	2.00	2.00	100.00	5.00	Sticky Soil	Plale white	Loose	
5.00	8.00	3.00	2.92	97.33	8.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with little more silica
8.00	11.00	3.00	2.94	98.00	11.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with little more silica
11.00	14.00	3.00	3.00	100.00	14.00	Limestone	Greyish white	Medium hard & fractured	More horizontal weak planes with little more silica
14.00	17.00	3.00	3.00	100.00	17.00	Limestone	Greyish white	Hard and Compact	More horizontal weak planes with little more silica
17.00	20.00	3.00	3.00	100.00	20.00	Limestone	Greyish white	Hard and Compact	More horizontal weak planes with little more silica
20.00	23.00	3.00	2.94	98.00	23.00	Limestone	Greyish white	Hard and Compact	Horizontal weak planes with silica
23.00	26.00	3.00	3.00	100.00	26.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with silica
26.00	29.00	3.00	3.00	100.00	29.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with little more silica
29.00	32.00	3.00	3.00	100.00	32.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica
32.00	35.00	3.00	3.00	100.00	35.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica

Run (m)			Rec. Thick (m)	Rec. (%)	Floor Depth Rl (m)	Lithology	Colour	Structural/ Nature Details	Remarks
From	To	Run (m)							
35.00	38.00	3.00	3.00	100.00	38.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica
38.00	41.00	3.00	2.94	98.00	41.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica
41.00	44.00	3.00	3.00	100.00	44.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with silica
44.00	47.00	3.00	3.00	100.00	47.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with silica
47.00	50.00	3.00	3.00	100.00	50.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with silica

BOREHOLE NO MKML-08

Northing 1898943.686
 Easting 734572.564
 R.L.(m): 419.048

Date of Commencement: 16.03.2025
 Date of Closure: 18.03.2025
 Angle of Borehole: Vertical
 Core size: NQ

Run (m)			Rec. Thick (m)	Rec. (%)	Floor Depth Rl (m)	Lithology	Colour	Structural/ Nature Details	Remarks
From	To	Run (m)							
0.00	2.40	2.40	2.30	95.83	2.40	Sticky Soil	Greyish white	Loose	
2.40	5.00	2.60	2.60	100.00	5.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with silica
5.00	8.00	3.00	3.00	100.00	8.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with silica
8.00	11.00	3.00	3.00	100.00	11.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with silica
11.00	14.00	3.00	3.00	100.00	14.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with silica
14.00	17.00	3.00	3.00	100.00	17.00	Limestone	Greyish white	Medium hard & fractured	Horizontal weak planes with silica
17.00	20.00	3.00	3.00	100.00	20.00	Limestone	Greyish white	Very hard & fractured	More horizontal weak planes with little more silica
20.00	23.00	3.00	3.00	100.00	23.00	Limestone	Greyish white	Medium hard & fractured	More horizontal weak planes with little more silica
23.00	26.00	3.00	3.00	100.00	26.00	Limestone	Greyish white	Medium hard & fractured	More horizontal weak planes with little more silica
26.00	29.00	3.00	3.00	100.00	29.00	Limestone	Greyish white	Medium hard & fractured	More horizontal weak planes with little more silica
29.00	32.00	3.00	3.00	100.00	32.00	Limestone	Greyish white	Medium hard & fractured	More horizontal weak planes with little more silica
32.00	35.00	3.00	3.00	100.00	35.00	Limestone	Greyish white	Very hard & fractured	More horizontal weak planes with little more silica
35.00	38.00	3.00	3.00	100.00	38.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with silica
38.00	41.00	3.00	3.00	100.00	41.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica
41.00	44.00	3.00	3.00	100.00	44.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica

Run (m)			Rec. Thick (m)	Rec. (%)	Floor Depth Rl (m)	Lithology	Colour	Structural/ Nature Details	Remarks
From	To	Run (m)							
44.00	47.00	3.00	3.00	100.00	47.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica
47.00	50.00	3.00	3.00	100.00	50.00	Limestone	Greyish white	Very hard & fractured	Horizontal weak planes with little more silica