

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KAYAMPUR	DATE OF LOGGING:	28-12-2023
BLOCK:	MAHASI	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	328.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Res	11.9 ohm.m	Rw	12.4 ohm.m
DISTRICT	BAHRAICH		

AQUIFER:

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer zones.

CLAY:

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE: These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value.

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	10	10	Top Soil	
2	10	26	16	Medium grain sand	Good
3	26	36.5	10.5	Clay with sand	
4	36	57	21	Medium grain sand	Good
5	57	60	3	Fine sediment	
6	60	131.5	71.5	Medium grain sand	
7	131.5	148	16.5	Medium to fine grain sand	
8	148	178	30	Medium grain sand	Good
9	178	196.5	18.5	Medium to fine grain sand	
10	196.5	219	22.5	Medium grain sand	
11	219	235 ✓	16	Clay with sand	
12	235	242	7	Medium grain sand	Good
13	242	250	8	Clay with sand	
14	250	288.5 ✓	38.5	Medium grain sand with kankar	Good
15	288.5	292.5	4	Clay	
16	292.5	308	15.5	Medium grain sand	Good
17	308	328	20	Medium to fine grain sand	

NOTE:- 1. All zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

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(1)

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