



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	LAKHANPUR	DATE OF LOGGING:	29.09.2023
BLOCK:	MAHASI	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	329.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	10.4ohm.m	Rw	12.7ohm.m
DISTRIC	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	Remarks (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	10	10	Top Soil	
2	10	36.5	26.5	Coars grain sand	Good
3	36.5	39	2.5	Fine sediment	
4	39	109	70	Medium grain sand	Good
5	109	118.5	9.5	Sandy clay	
6	118.5	137.5	19	Medium grain sand	Good
7	137.5	147	9.5	Clay with sand	
8	147	170	23	Medium grain sand	
9	170	191.5	21.5	Coars grain sand	
10	191.5	210	18.5	Medium grain sand	Good
11	210	228	18	Coars grain sand	
12	228	243	15	Medium to fine grain sand & kankar	
13	243	249	6	Clay	
14	249	253	4	Medium to fine grain sand	Good
15	253	264	11	Clay with sand	
16	264	267	3	Medium to fine grain sand	Good
17	267	280	13	Clay with sand	
18	280	292	12	Medium grain sand	
19	292	296	4	Medium to fine grain sand	
20	296	306	10	Medium grain sand	Good
21	306	318	12	Clay with sand	
22	318	322.5	4.5	Medium to fine grain sand	
23	322.5	329	6.5	Clay	Good

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

For Mining Associates Pvt. Ltd.

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CC:

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