MAPL

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	AOURAHI	DATE OF LOGGING:	08.06.2023
BLOCK:	MAHASI	DRILLING DEPTH:	335.00 M
STATE	UTTAR PRADESH	LOGGING DEPTH:	330.36M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.988ohm\m	Rw	0.865ohm\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 From (m)	Depth To (m)	Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
1	0	10	10	Top Soil	
2	10	29	19	Coares to medium grain sand	Good
3	29	34	5	Sandyclay	
4	34	48	14	Coares to medium grain sand	Good
5	48	65	17	Medium grain sand	
6	65	72	7	Fine sediment	
7	72	80.5	8.5	Medium grain sand	Good
8	80.5	96	15.5	Medium to fine grain sand	
9	96	102.5	6.5	Fine sediment	
10	102.5	114	11.5	Medium grain sand	Good
11	114	120	6	Clay with sand	
12	120	135.5	15.5	Medium grain sand	Good
13	135.5	142	6.5	Medium to fine grain sand	
14	142	148	6	Clay	
15	148	165	17	Medium grain sand	Good
16	165	192	27	Coares to medium grain sand	
17	192	200	8	Medium to fine grain sand	
18	200	213.5	13.5	Clay with sand	
19	213.5	217	3.5	Medium grain sand	Good
20	217	221	4	Medium to fine grain sand	
21	221	226	5	Medium grain sand	
22	226	230	4	Fine grain sand	
23	230	238.5	8.5	Medium grain sand	
24	238.5	244	5.5	Fine sediment	
25	244	264.5	20.5	Clay with sand	
26	264.5	270	5.5	Medium to fine grain sand	Good
27	270	275	5	Fine sediment	
28	275	289.5	14.5	Medium to fine grain sand &kankar	Good
29	289.5	302.5	13	Medium grain sand with kankar	
30	302.5	305	2.5	Medium to fine grain sand &kankar	
31	305	313	8	Medium grain sand	
32	313	322	9	Clay	
33	322	329	7	Medium grain sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

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