

MAPL



## MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	HANSULIYA	DATE OF LOGGING:	17.06.2023
BLOCK:	MIHINPURWA	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	392.5 M <i>292 m bgl</i>
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.986ohm\m	Rw	0.871ohm\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	Remark (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	6	6	Top Soil	
2	6	21	15	Sandyclay	
3	21	35.5	14.5	Coares to medium grain sand &kankar	Good
4	35.5	42.5	7	Sandyclay	
5	42.5	49	6.5	Coares to medium grain sand	Good
6	49	63.5	14.5	Clay with sand	
7	63.5	92.5	29	Medium grain sand with kankar	
8	92.5	95.5	3	Fine grain sand	Good
9	95.5	105.5	10	Medium grain sand with kankar	
10	105.5	119	13.5	Clay with sand	
11	119	124.5	5.5	Coares grain sand	
12	124.5	141	16.5	Medium grain sand with kankar	Good
13	141	148	7	Coares grain sand with kankar	
14	148	170	22	Medium to fine grain sand &kankar	
15	170	180	10	Clay with sand	
16	180	203	23	Medium grain sand with kankar	Good
17	203	208	5	Fine sediment	
18	208	216	8	Medium grain sand with kankar	Good
19	216	226	10	Clay with sand	
20	226	238	12	Medium grain sand	Good
21	238	250	12	Sandyclay	
22	250	254	4	Medium grain sand	Good
23	254	262	8	Sandyclay	
24	262	268	6	Medium grain sand	Good
25	268	281	13	Sandyclay	
26	281	292	11	Medium grain sand	Good

*Verified as per logs provided*

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist

CC:

1. Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gonda
2. M/S Vishwanath Projects Limited, Bahraich

*Sh*  
19/06/23

*Sh*  
JUNIOR ENGINEER  
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