

MAPL



## MINING ASSOCIATES PVT. LTD.

### GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	RAMWAPURKALAN	DATE OF LOGGING:	01.11.2023
BLOCK:	MAHSI	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	328.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.10 ohm.m	Rw	19.15 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	25.5	15.5	Coarse grain sand	Good
3	25.5	61.5	36	Medium grain sand	Good
4	61.5	67	5.5	Clay with sand	
5	67	112	45	Medium grain sand	Good
6	112	119.5	7.5	Coarse grain sand	Good
7	119.5	125.5	6	Clay	
8	125.5	168	42.5	Medium grain sand	Good
9	168	174	6	Fine Sediment	
10	174	191	17	Medium grain sand	Good
11	191	201.5	10.5	Clay with sand	
12	201.5	213.5	12	Medium grain sand	Good
13	213.5	222.5	9	Clay with sand	
14	222.5	251	28.5	Medium grain sand	Good
15	251	255	4	Clay	
16	255	259	4	Medium grain sand	Good
17	259	263	4	Sandy clay	
18	263	268	5	Medium grain sand	Good
19	268	280.5	12.5	Clay with sand	
20	280.5	285	4.5	Medium to fine grain sand	Good
21	285	292.5	7.5	Clay with sand	
22	292.5	328	35.5	Medium grain sand	Good

For Mining Associates Pvt. Ltd.

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CC;

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