



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TENDAWA UJAR	DATE OF LOGGING:	09.10.2023
BLOCK:	FAKARPUR	DRILING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	322.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	10.6 ohm.m	Rw	12.3 ohm.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	10	10	Top Soil	
2	10	25	15	Medium grain sand	Good
3	25	34	9	Clay	
4	34	65.5	31.5	Medium grain sand	Good
5	65.5	74	8.5	Clay with sand	
6	74	78	4	Medium grain sand	Good
7	78	82	4	Clay with sand	
8	82	102.5	20.5	Medium grain sand	
9	102.5	106.5	4	Medium to fine grain sand	Good
10	106.5	115	8.5	Medium grain sand	
11	115	123	8	Sandyclay	
12	123	134	11	Medium grain sand	Good
13	134	150	16	Clay with sand	
14	150	197	47	Medium to fine grain sand	Good
15	197	210	13	Medium grain sand	
16	210	234.5	24.5	Clay with sand	
17	234.5	240	5.5	Fine grain sand	Good
18	240	244	4	Clay	
19	244	250	6	Medium to fine grain sand	
20	250	259	9	Medium grain sand	
21	259	273	14	Medium to fine grain sand	Good
22	273	280	7	Medium grain sand	
23	280	289	9	Medium to fine grain sand	
24	289	303	14	Clay with sand	Good
25	303	310	7	Sandyclay	
26	310	313	3	Medium grain sand	Good
27	313	316	3	Fine sediment	
28	316	322	6	Medium grain sand	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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