

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	WAZERPUR	DATE OF LOGGING:	09.05.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.43M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.843ohm <sup>2</sup> /m	Rw	0.764ohm <sup>2</sup> /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	7	7	Top Soil	
2	7	15	8	Medium grain sand	Good
3	15	24	9	Fine sediment	
4	24	48	24	Coares to medium grain sand	Good
5	48	54	6	Medium to fine grain sand	Good
6	54	71.5	17.5	Medium grain sand	Good
7	71.5	78	6.5	Coares to medium grain sand	Good
8	78	83	5	Fine sediment	
9	83	90	7	Medium to fine grain sand	Good
10	90	95	5	Coares to medium grain sand	Good
11	95	104	9	Clay	
12	104	110	6	Medium grain sand	Good
13	110	116.5	6.5	Clay	
14	116.5	134	17.5	Coares to medium grain sand	Good
15	134	150	16	Clay with sand	
16	150	160.5	10.5	Medium grain sand	Good
17	160.5	172.5	12	Coares to medium grain sand	Good
18	172.5	179	6.5	Medium grain sand	Good
19	179	185.5	6.5	Fine sediment	
20	185.5	200.5	15	Medium grain sand	Good
21	200.5	221	20.5	Sandyclay	
22	221	240	19	Medium to fine grain sand	Good
23	240	247	7	Clay	
24	247	256	9	Medium to fine grain sand & kankar	Good
25	256	272	16	Medium grain sand	Good
26	272	275.5	3.5	Fine sediment	
27	275.5	286.5	11	Medium grain sand	Good
28	286.5	292.5	6	Fine sediment	
29	292.5	299	6.5	Medium grain sand	Good

Verified & approved  
by  
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CC;

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