

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	UCHWAPURENI	DATE OF LOGGING:	18.09.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	294.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	10.2 ohm.m	Rw	13.4 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	63	53	Coares grain sand	
3	63	91	28	Medium grain sand	Good
4	91	103.5	12.5	Medium to fine grain sand	
5	103.5	106.5	3	Coares grain sand	
6	106.5	114.5	8	Clay with sand	
7	114.5	133	18.5	Medium grain sand	Good
8	133	138	5	Clay with sand	
9	138	155	17	Medium grain sand	Good
10	155	200	45	Coares to medium grain sand	
11	200	210	10	Sandyclay	
12	210	230	20	Medium grain sand	Good
13	230	238	8	Sandyclay	
14	238	246	8	Coares grain sand	
15	246	252	6	Medium to fine grain sand	Good
16	252	255.5	3.5	Fine sediment	
17	255.5	263.5	8	Medium grain sand	Good
18	263.5	268.5	5	Fine sediment	
19	268.5	294	25.5	Medium grain sand	Good

NOTE:- 1. ALL zones have intermixed with thin band of kankai

For Mining Associates Pvt. Ltd.

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Geophysicist

CC;

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