



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TAJ KHUDAI	DATE OF LOGGING:	25.06.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.25 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.954 ohm/m	Rw	0.812 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	17	7	Coarse grain sand	Good
3	17	22	5	Fine sediment	
4	22	28	6	Clay with sand	
5	28	36	8	Medium grain sand	Good
6	36	45	9	Sandy clay	
7	45	74	29	Coarse to medium grain sand	Good
8	74	79	5	Fine sediment	
9	79	87	8	Medium grain sand	Good
10	87	96	9	Medium to fine grain sand	Good
11	96	101.5	5.5	Medium grain sand	Good
12	101.5	111.5	10	Clay	
13	111.5	125.5	14	Medium grain sand	Good
14	125.5	150	24.5	Medium to fine grain sand	Good
15	150	160	10	Coarse to medium grain sand	Good
16	160	167.5	7.5	Medium grain sand	Good
17	167.5	177	9.5	Medium to fine grain sand	Good
18	177	180	3	Fine sediment	
19	180	215	35	Medium grain sand	Good
20	215	223.5	8.5	Clay	
21	223.5	231.5	8	Medium grain sand	Good
22	231.5	248.5	17	Clay with sand	
23	248.5	259	10.5	Medium to fine grain sand	Good
24	259	265	6	Medium grain sand	Good
25	265	270	5	Medium to fine grain sand	Good
26	270	277	7	Medium grain sand	Good
27	277	282.5	5.5	Clay	
28	282.5	286.5	4	Medium to fine grain sand	Good
29	286.5	299	12.5	Medium grain sand	Good

For Mining Associates Pvt. Ltd.

Aditya Kumar
Geophysicist

CC:

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

JPAN
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