



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BAHDURPUK CHAK	DATE OF LOGGING:	20.06.2023
BLOCK:	CHITALURA	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	292.5M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.926ohm/m	Rw	0.814ohm/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	6	6	Top Soil	
2	6	12	6	Coares grain sand	Good
3	12	17.5	5.5	Sandy clay	
4	17.5	51.5	34	Coares to medium grain sand	Good
5	51.5	55	3.5	Fine sediment	
6	55	78.5	23.5	Coares to medium grain sand & kankar	Good
7	78.5	85	6.5	Clay	
8	85	93	8	Coares to medium grain sand	Good
9	93	112.5	19.5	Clay with sand	
10	112.5	130.5	18	Coares to medium grain sand & kankar	Good
11	130.5	142	11.5	Clay with sand	
12	142	160	18	Coares to medium grain sand	Good
13	160	173	13	Sandy clay	
14	173	203	30	Coares to medium grain sand & kankar	Good
15	203	213	10	Medium to fine grain sand & kankar	Good
16	213	218	5	Medium grain sand	Good
17	218	222	4	Fine sediment	
18	222	226.5	4.5	Medium grain sand	Good
19	226.5	233.5	7	Sandy clay	
20	233.5	244	10.5	Medium to fine grain sand & kankar	Good
21	244	255	11	Coares grain sand	Good
22	255	261.5	6.5	Medium grain sand with kankar	Good
23	261.5	270	8.5	Sandy clay	
24	270	277	7	Clay with sand	
25	277	292.5	15.5	Medium grain sand	Good

For Mining Associates Pvt. Ltd

Ashok Kumar
Geophysicist

cc:

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2. M/S Vishwanath Projects Limited, Bahraich