



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MEERPUR KASBA	DATE OF LOGGING:	24.08.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	299.00 M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.861ohm/m	Rw	0.743ohm/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.

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Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	3	3	Top Soil	
2	3	10	7	Coares grain sand	Good
3	10	20	10	Clay with sand	
4	20	31.5	11.5	Medium grain sand with kankar	Good
5	31.5	36	4.5	Fine sediment	
6	36	66	30	Coares to medium grain sand & kankar	Good
7	66	73.5	7.5	Medium to fine grain sand	
8	73.5	77.5	4	Fine sediment	
9	77.5	82	4.5	Medium to fine grain sand	Good
10	82	87	5	Clay with sand	
11	87	90	3	Medium grain sand	Good
12	90	95	5	Clay with sand	
13	95	112	17	Medium to fine grain sand & kankar	Good
14	112	115.5	3.5	Fine sediment	
15	115.5	118.5	3	Medium grain sand	Good
16	118.5	125.5	7	Clay	
17	125.5	134	8.5	Medium grain sand	
18	134	139	5	Medium to fine grain sand	
19	139	153.5	14.5	Coares to medium grain sand & kankar	
20	153.5	183	29.5	Medium to fine grain sand & kankar	Good
21	183	206.5	23.5	Coares to medium grain sand & kankar	
22	206.5	212	5.5	Medium to fine grain sand & kankar	
23	212	221.5	9.5	Clay with sand	
24	221.5	226.5	5	Coares grain sand	Good
25	226.5	234	7.5	Clay with sand	
26	234	238	4	Medium grain sand	Good
27	238	250	12	Clay with sand	
28	250	262	12	Coares to medium grain sand & kankar	
29	262	273.5	11.5	Sandy clay	Good
30	273.5	278	4.5	Medium grain sand	
31	278	290	12	Clay with sand	Good
32	290	299	9	Medium grain sand	Good

Verified as per
logs provided

24/08/23

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

cc:

1. Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gonda
2. M/S PNC Infratech Limited, Bahraich