



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BAGHA	DATE OF LOGGING:	03.06.2023
BLOCK:	BALAHA	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	301.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.861ohm\m	Rw	0.734ohm\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	5	5	Top Soil	
2	5	10	5	Coares grain sand	Good
3	10	23.5	13.5	Sandyclay with kankar	
4	23.5	36	12.5	Medium grain sand	Good
5	36	41	5	Fine sediment	
6	41	51	10	Medium grain sand	Good
7	51	58	7	Clay	
8	58	60.5	2.5	Medium to fine grain sand	Good
9	60.5	76.5	16	Medium grain sand with kankar	
10	76.5	82.5	6	Clay	
11	82.5	90	7.5	Coares grain sand with kankar	Good
12	90	94.5	4.5	Fine sediment	
13	94.5	96.5	2	Medium to fine grain sand&kankar	Good
14	96.5	105	8.5	Clay with sand	
15	105	111	6	Coares grain sand	Good
16	111	117.5	6.5	Clay	
17	117.5	136.5	19	Medium grain sand with kankar	Good
18	136.5	154	17.5	Medium to fine grain sand	
19	154	161.5	7.5	Clay	
20	161.5	165.5	4	Coares grain sand	Good
21	165.5	176	10.5	Fine sediment	
22	176	200	24	Medium grain sand with kankar	Good
23	200 202	210	10	Clay	
24	210	230	20	Medium grain sand with kankar	Good
25	230	248	18	Medium to fine grain sand&kankar	
26	248	253	5	Fine sediment	
27	253	301	48	Medium grain sand with kankar	Good

Verified as per logs provided

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

cc;

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

G.Sh
05/06/23