



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	UTTAMPUR	DATE OF LOGGING:	15.08.2023
BLOCK:	RISIYA	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	204.5M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.876ohm\m	Rw	0.765ohm\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	30	20	Coares to medium grain sand&kankar	Good
3	30	39.5	9.5	Clay with sand	
4	39.5	49.5	10	Coares to medium grain sand&kankar	Good
5	49.5	59	9.5	Clay with sand	
6	59	62	3	Medium grain sand	Good
7	62	67.5	5.5	Clay with sand	
8	67.5	79	11.5	Medium to fine grain sand &kankar	Good
9	79	90	11	Medium grain sand	
10	90	97	7	Fine sediment	
11	97	105	8	Coares to medium grain sand	Good
12	105	112.5	7.5	Clay with sand	
13	112.5	115	2.5	Medium grain sand	Good
14	115	120	5	Clay with sand.	
15	120	121.5	1.5	Medium grain sand	Good
16	121.5	127	5.5	Clay with sand.	
17	127	131.5	4.5	Medium to fine grain sand	
18	131.5	140	8.5	Medium grain sand with kankar	Good
19	140	152	12	Medium to fine grain sand &kankar	
20	152	157	5	Fine grain sand with kankar	
21	157	172.5	15.5	Clay with sand	
22	172.5	180	7.5	Medium to fine grain sand	
23	180	189.5	9.5	Medium grain sand	Good
24	189	193	4	Fine grain sand	
25	193	204	11	Medium to fine grain sand &kankar	

Verified as per  
logs provided  
A.S.H.

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

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