

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MUSLAMPUR	DATE OF LOGGING:	12.06.2023
BLOCK:	SHIVPUR	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	299.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.854ohm/m	Rw	0.763ohm/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	7	7	Top Soil	
2	7	30	23	Coares grain snad with kankar /	Good
3	30	63	33	Medium grain sand with kankar /	
4	63	97.5	34.5	Coares to medium grain snad & kankar /	
5	97.5	106.5	9	Fine sediment with kankar /	
6	106.5	149	42.5	Coares to medium grain snad & kankar /	
7	149	155	6	Fine sediment /	Good
8	155	166	11	Medium grain sand /	
9	166	170.5	4.5	Fine sediment /	Good
10	170.5	211	40.5	Coares to medium grain snad & kankar /	
11	211	218	7	Clay /	Good
12	218	229.5	11.5	Medium grain sand /	
13	229.5	234	4.5	Fine sediment /	Good
14	234	241	7	Medium grain sand /	
15	241	249	8	Clay /	Good
16	249	254.5	5.5	Medium grain sand /	
17	254.5	258.5	4	Fine sediment /	Good
18	258.5	267.5	9	Medium to fine grain sand & kankar /	
19	267.5	287	19.5	Coares to medium grain snad & kankar	Good
20	287	294	7	Fine sediment	
21	294	299	5	Coare-grain sand	Good

Verified as per logs provided

For Mining Associates Pvt. Ltd.

Adul Kumar
 Geophysicist

cc.

1 Executive Engineer, (D. Rural) U.P. Jal Nigam, Gond: