



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BANJARIYA	DATE OF LOGGING:	11.05.2023
BLOCK:	VISHESHWAR GANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	200.37 M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.864ohm/m	Rw	0.783ohm/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	12	12	Top Soil	
2	12	53	41	Coarse to medium grain sand	Good
3	53	61	7	Clay with sand	
4	61	69	9	Medium grain sand	Good
5	69	75	6	Sandy clay	
6	75	90.5	15.5	Coarse to medium grain sand	Good
7	90.5	101	10.5	Clay with sand	
8	101	113.5	12.5	Coarse to medium grain sand	Good
9	113.5	120	6.5	Clay	
10	120	125	5	Coarse grain sand	Good
11	125	131.5	6.5	Clay	
12	131.5	138.5	7	Coarse grain sand	Good
13	138.5	146	7.5	Fine sediment	
14	146	154.5	8.5	Medium grain sand	Good
15	154.5	158.5	4	Fine sediment	
16	158.5	170	11.5	Medium grain sand with kankar	Good
17	170	180.5	10.5	Coarse grain sand with kankar	Good
18	180.5	188	7.5	Clay with sand	
19	188	195	7	Medium to fine grain sand	Good
20	195	203.5	8.5	Clay with sand	
21	203.5	211.5	8	Medium to fine grain sand	Good
22	211.5	225	13.5	Medium grain sand with kankar	Good

Verified as per logs provided

For Mining Associates Pvt. Ltd.
Ashok Kumar
Geophysicist

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

GLH
22/05/23

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