



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	GANGWAL-2	DATE OF LOGGING:	21.10.2023
BLOCK:	VISHESHWAR GANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	217.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.2ohm.m	Rw	12.9 ohm.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	27.5	17.5	Sandy clay	
3	27.5	100	72.5	Medium grain sand & kankar	Good
4	100	105	5	Clay	
5	105	116	11	Medium to fine grain sand	Good
6	116	120	4	Clay	
7	120	136	16	Medium grain sand	Good
8	136	146.5	10.5	Clay with sand	
9	146.5	155	8.5	Medium to fine grain sand	Good
10	155	158.5	3.5	Fine sediment	
11	158.5	169	10.5	Medium to fine grain sand	
12	169	186	17	Medium grain sand	Good
13	186	198	12	Medium to fine grain sand	
14	198	217	19	Clay with sand	

NOTE:- 1. ALL zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist