



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	GANGWAL	DATE OF LOGGING:	14.08.2023
BLOCK:	VISHESHWARGANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.08 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.925 ohm/m	Rw	0.889 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	23.4	13.4	Coarse to medium grain sand	Good
3	23.4	42	18.6	Medium grain sand	Good
4	42	50.5	8.5	Coarse to medium grain sand	Good
5	50.5	79	28.5	Medium grain sand	Good
6	79	91	12	Coarse to medium grain sand	Good
7	91	97	6	Medium grain sand	Good
8	97	103	6	Clay	
9	103	116	13	Medium grain sand	Good
10	116	122.5	6.5	Clay with sand	
11	122.5	136	13.5	Medium grain sand	Good
12	136	147	11	Sandy clay	
13	147	166.5	19.5	Medium to fine grain sand	Good
14	166.5	187	20.5	Coarse to medium grain sand	Good
15	187	193	6	Medium to fine grain sand	Good
16	193	199.5	6.5	Medium grain sand	Good
17	199.5	218	18.5	Clay with sand	

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao  
Geophysicist

CC;

1. Executive Engineer, C.D.(Rural), U.P. Jal Nigam, Gonda

Seen