



## GEOPHYSICAL DIGITAL LOGGING REPORT

TEI:	GARATHI GURUDATTA SINH	DATE OF LOGGING:	29.10.2023
LOCK:	MAHASI	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	329.00M
LOGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
LOGG:	11.7ohm.m	Rw	12.9 ohm.m
DISTRICT:	BAHRAICH		

QUIFFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer zones.

LAY:-

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	35.5	25.5	Coarses grain sand	Good
3	35.5	84	48.5	Medium grain sand	
4	84	97.5	13.5	Clay with sand	
5	97.5	140.5	43	Medium grain sand	Good
6	140.5	151.5	11	Sandy clay	
7	151.5	210	58.5	Medium grain sand	Good
8	210	220.5 ✓	10.5	Clay with sand	
9	220.5	238	17.5	Medium grain sand	Good
10	238	242	4	Clay	
11	242	248	6	Medium grain sand	Good
12	248	253	5	Clay	
13	253 ✓	258.5	5.5	Medium to fine grain sand	Good
14	258.5	263	4.5	Clay	
15	263 ✓	267.5	4.5	Fine grain sand	Good
16	267.5	275.5	8	Clay	
17	275.5 ✓	283.5	8	Medium to fine grain sand	Good
18	283.5	292	8.5	Clay with sand	
19	292 ✓	316	24	Medium to fine grain sand	Good
20	316	329	13	Medium grain sand	

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

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist

CC,

- Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Gonda
- M/S Vishwanath Projects Limited, Bahraich

*Seen*

*SM*  
JUNIOR ENGINEER  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

