



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	RAMWAPUR KHURD-2	DATE OF LOGGING:	02.12.2023
BLOCK:	MAHASI	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	325.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.8ohm.m	Rw	12.6 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	26	16	Medium grain sand	Good
3	26	31.5	5.5	Sandyclay	
4	31.5	135	103.5	Medium grain sand	Good
5	135	154	19	Medium to fine grain sand	
6	154	183.5	29.5	Medium grain sand	
7	183.5	199	15.5	Medium to fine grain sand	
8	199	227	28	Medium grain sand	
9	227	244.5	17.5	Clay with sand	
10	244.5	257	12.5	Medium grain sand	Good
11	257	265	8	Medium to fine grain sand	
12	265	288	23	Medium grain sand	
13	288	302.5	14.5	Sandyclay	
14	302.5	317.5	15	Medium to fine grain sand	Good
15	317.5	322	4.5	Clay	
16	322	325	3	Medium to fine grain sand	Good

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

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist

CC;

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

