



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SUMERPUR	DATE OF LOGGING:	03.06.2023
BLOCK:	NAWABGANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	210.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.887ohm\m	Rw	0.797ohm\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	8	8	Top Soil	
2	8	13	5	Medium grain sand	Good
3	13	17	4	Fine sediment	
4	17	21	4	Medium grain sand	Good
5	21	39	18	Clay with sand	
6	39	87.5	48.5	Medium grain sand with kankar	Good
7	87.5	94	6.5	Clay	
8	94	111	17	Medium grain sand with kankar	Good
9	111	116.5	5.5	Clay	
10	116.5	121	4.5	Coares to medium grain sand	Good
11	121	126	5	Fine sediment	
12	126	146	20	Medium grain sand with kankar	Good
13	146	160	14	Clay with sand	
14	160	162	2	Medium to fine grain sand	Good
15	162	171.5	9.5	Clay	
16	171.5	195	23.5	Medium to fine grain sand&kankar	Good
16	195	210	15	Clay with sand	

Verified paper logs provided.

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

G.Su  
05/06/23

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