



## MINING ASSOCIATES PVT. LTD.

### GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	AKBARPUR BUJJURUG	DATE OF LOGGING:	22.10.2023
BLOCK:	FAKARPUR	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	312.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	12.4ohm.m	Rw	13.5 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	25	15	Medium grain sand	Good
3	25	37	12	Clay with sand	
4	37	55	18	Medium grain sand	
5	55	61	6	Medium to fine grain sand	Good
6	61	64.5	3.5	Fine sediment	
7	64.5	68.5	4	Medium to fine grain sand	Good
8	68.5	73.5	5	Clay	
9	73.5	77.5	4	Medium to fine grain sand	
10	77.5	101	23.5	Medium grain sand	Good
11	101	107	6	Clay	
12	107	126	19	Medium grain sand	
13	126	141	15	Medium to fine grain sand	Good
14	141	149	8	Clay	
15	149	196	47	Medium to fine grain sand	
16	196	221	25	Medium grain sand	Good
17	221	237	16	Clay with sand	
18	237	250	13	Medium to fine grain sand	
19	250	278	28	Medium grain sand	Good
20	278	283	5	Medium to fine grain sand	
21	283	286	3	Clay	
22	286	292	6	Medium to fine grain sand	Good
23	292	312	20	Clay with sand	

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

*For Mining Associates Pvt. Ltd.*

*Ashok Kumar*  
Geophysicist

CC;

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