



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JAGDISH PUR SOKHA	DATE OF LOGGING:	22.09.2023
BLOCK:	CHITAURA	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	299.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	9.4 ohm.m	Rw	11.1 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	42	32	Medium grain sand	
3	42	50	8	Medium to fine grain sand	Good
4	50	54	4	Medium grain sand	
5	54	65	11	Clay with sand	
6	65	88.5	23.5	Medium to fine grain sand	
7	88.5	95.5	7	Medium grain sand	Good
8	95.5	98	2.5	Medium to fine grain sand	
9	98	100	2	Fine sediment	
10	100	107	7	Medium to fine grain sand	Good
11	107	115	8	Medium grain sand	
12	115	119.5	4.5	Fine sediment	
13	119.5	137.5	18	Medium grain sand	Good
14	137.5	141	3.5	Clay	
15	141	149	8	Medium grain sand	Good
16	149	160	11	Clay with sand	
17	160	175.5	15.5	Medium grain sand	Good
18	175.5	186.5	11	Medium to fine grain sand	
19	186.5	200	13.5	Clay with sand	
20	200	210	10	Medium to fine grain sand	Good
21	210	221.5	11.5	Medium grain sand	
22	221.5	223	1.5	Fine sediment	
23	223	232	9	Medium grain sand	Good
24	232	238.5	6.5	Clay with sand	
25	238.5	247.5	9	Medium grain sand	Good
26	247.5	266	18.5	Sandy clay	
27	266	274.5	8.5	Medium grain sand	Good
28	274.5	284	9.5	Sandy clay	
29	284	299	15	Medium grain sand	Good

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

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