



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	CHEFARTYA	DATE OF LOGGING:	26.06.2023
BLOCK:	MIHINPURWA	DRLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	299.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.874ohm/m	Rw	0.761ohm/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	41	33	Medium grain sand	Good
3	41	45	4	Fine sediment	
4	45	48	3	Medium to fine grain sand	Good
5	48	52	4	Clay	
6	52	72	20	Coares grain sand with kankar	Good
7	72	78.5	6.5	Sandyclay	
8	78.5	90	11.5	Coares to medium grain sand & kankar	
9	90	141.5	51.5	Medium grain sand with kankar	Good
10	141.5	160	18.5	Coares to medium grain sand & kankar	
11	160	166	6	Medium to fine grain sand & kankar	
12	166	168.5	2.5	Fine sediment	
13	168.5	176	7.5	Medium grain sand with kankar	Good
14	176	198	22	Coares to medium grain sand & kankar	
15	198	201	3	Sandyclay	
16	201	235.5	34.5	Medium grain sand with kankar	Good
17	235.5	238.5	3	Fine sediment	
18	238.5	259	20.5	Coares to medium grain sand & kankar	Good
19	259	266	7	Medium to fine grain sand & kankar	
20	266	270	4	Fine sediment	
21	270	284	14	Medium grain sand with kankar	Good
22	284	292.5	8.5	Medium to fine grain sand & kankar	
23	292.5	297	4.5	Clay	
24	297	299	2	Medium grain sand with kankar	Good

Verified as per logs provided

Note: No proper clay zone encountered

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

Seen
Sul

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

throughout the borehole

gsh
27/06/23

JUNIOR ENGINEER
DIVISION OFFICE
U.P. JAL NIGAM RURAL