



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MAINANEWARIYA	DATE OF LOGGING:	06.11.2023
BLOCK:	SHIVPUR	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	299.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	10.8ohm-m	Rw	12.5ohm.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	91.5	81.5	Medium grain sand	Good
3	91.5	103	11.5	Clay with sand	
4	103	107	4	Medium grain sand	Good
5	107	110	3	Fine sediment	
6	110	132	22	Medium grain sand	Good
7	132	136	4	Clay	
8	136	168.5	32.5	Coares to medium grain sand	Good
9	168.5	187.5	19	Medium to fine grain sand	
10	187.5	209	21.5	Coares to medium grain sand	
11	209	230 ✓	21	Medium to fine grain sand	
12	230	243.5	13.5	Clay with sand	
13	243.5	256 ✓	12.5	Medium grain sand	Good
14	256	264	8	Sandyclay	
15	264	267.5	3.5	Medium grain sand	Good
16	267.5	275.5	8	Clay with sand	
17	275.5	287	11.5	Medium grain sand	Good
18	287	299	12	Sandyclay	

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

For Mining Associates Pvt. Ltd.

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Geophysicist

CC;

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