



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MAUZZAMPUR	DATE OF LOGGING:	20.05.2023
BLOCK:	NINDAURA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.06 M 164
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.511 ohm/m	Rw	0.473 ohm/m
DISTRIC	BARABANKI		

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	18	8	Medium grain sand	Good
3	18	25	7	Fine sediment with kankar	
4	25	32	7	Fine grain sand	Medium
5	32	40	8	Clay	
6	40	62	22	Coarse to medium grain sand	Good
7	62	70	8	Clay	
8	70	76.5	6.5	Medium to fine grain sand	Good
9	76.5	81	4.5	Fine sediment	
10	81	91.5	10.5	Coarse to medium grain sand	Good
11	91.5	100	8.5	Clay with sand	
12	100	137.5	37.5	Medium to fine grain sand with kankar	Good
13	137.5	155.5	18	Clay with sand	
14	155.5	159.5	4	Fine grain sand	Medium
15	159.5	164	4.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
Geophysicist

CC;

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G.Sh
22/05/23