



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	IBRAHIMPUR	DATE OF LOGGING:	13.05.2023
BLOCK:	NINDOORA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.23 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.475 ohm/m	Rw	0.442 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	21.5	11.5	Fine sediment with kankar	
3	21.5	48.5	27	Medium grain sand	Good
4	48.5	72	23.5	Clay with sand	
5	72	87.5	15.5	Medium grain sand	Good
6	87.5	94	6.5	Clay	
7	94	101	7	Medium to fine grain sand	Good
8	101	107	6	Sandy clay	
9	107	111.5	4.5	Fine grain sand	Medium
10	111.5	117	5.5	Fine sediment	
11	117	130	13	Medium to fine grain sand	Good
12	130	151.5	21.5	Clay with sand	
13	151.5	156.5	5	Medium to fine grain sand	Good
14	156.5	163	6.5	Fine sediment	

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;

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Ayodhya
- 2.M/S PNC Infratech Limited,Barabanki

GSR
15/05/23