



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BAHRAULI	DATE OF LOGGING:	02.06.2023
BLOCK:	NINDAURA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	158.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.508 ohm/m	Rw	0.461 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	8	8	Top Soil	
2	8	12	4	Medium to fine grain sand	Good
3	12	18.5	6.5	Fine sediment	
4	18.5	27	8.5	Medium to fine grain sand	Good
5	27	34	7	Clay with sand	
6	34	58.5	24.5	Medium to fine grain sand	Good
7	58.5	65.5	7	Fine sediment	
8	65.5	81	15.5	Medium to fine grain sand	Good
9	81	92	11	Clay with sand with kankar	
10	92	97.5	5.5	Fine grain sand	Good
11	97.5	104.5	7	Clay with sand	
12	104.5	124.5	20	Fine grain sand with kankar	Good
13	124.5	142	17.5	Clay with sand	
14	142	150.5	8.5	Fine grain sand	Good
15	150.5	158	7.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided

G.Sh

03/06/23

cc;

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

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
Geophysicist