



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	DAULATPUR MOHABBATPUR	DATE OF LOGGING:	30.05.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	154.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.490 ohm/m	Rw	0.451 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	5	5	Top Soil	
2	5	13	8	Sandy clay	
3	13	21	8	Medium grain sand	Good
4	21	25.5	4.5	Clay	
5	25.5	35	9.5	Medium grain sand	Good
6	35	65.5	30.5	Clay with sand and kankar	
7	65.5	72	6.5	Medium grain sand	Good
8	72	81	9	Clay with sand	
9	81	88	7	Medium to fine grain sand with kankar	Good
10	88	91.5	3.5	Clay	
11	91.5	94	2.5	Fine grain sand	Good
12	94	97	3	Clay with sand	
13	97	101.5	4.5	Medium grain sand	Good
14	101.5	124	22.5	Clay with sand	
15	124	126	2	Fine grain sand	Good
16	126	129.5	3.5	Fine sediment	
17	129.5	133	3.5	Medium grain sand	Good
18	133	154	21	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided.

GSR
31/05/23

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