



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	GOKULPUR	DATE OF LOGGING:	07.05.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	145.38M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.486 ohm/m	Rw	0.447 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	9	9	Top Soil	
2	9	16.5	7.5	Sandy clay	
3	16.5	36.5	20	Medium to fine grain sand	Good
4	36.5	40	3.5	Medium grain sand	Good
5	40	46	6	Fine grain sand	Medium
6	46	49	3	Medium to fine grain sand	Good
7	49	61	12	Clay with sand	
8	61	75	14	Medium to fine grain sand	Good
9	75	96	21	Clay with sand	
10	96	107	11	Medium to fine grain sand	Good
11	107	143	36	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;

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

G.Sh
09/05/23