



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KURAUJI	DATE OF LOGGING:	24.05.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.522 ohm/m	Rw	0.490 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	20	10	Sandy clay	
3	20	40	20	Medium to fine grain sand	Good
4	40	50	10	Coarse to medium grain sand	Good
5	50	74	24	Medium to fine grain sand	Good
6	74	90	16	Medium grain sand	Good
7	90	95	5	Medium to fine grain sand	Good
8	95	104	9	Clay with sand	
9	104	108	4	Fine grain sand	Good
10	108	126.5	18.5	Clay with sand	
11	126.5	131	4.5	Fine grain sand	Good
12	131	136.5	5.5	Clay with sand	
13	136.5	142.5	6	Medium to fine grain sand	Good
14	142.5	163	20.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with high 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

Note Sr No 5 is highly
kankar intermixed

G.Sh
28/10/23