



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	CHACHERWA	DATE OF LOGGING:	10.06.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	164.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.497 ohm/m	Rw	0.446 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	33	21	Clay with sand	
4	33	69	36	Medium grain sand	Good
5	69	73	4	Clay	
6	73	113	40	Medium grain sand	Good
7	113	119	6	Clay with sand	
8	119	121.5	2.5	Fine grain sand	Good
9	121.5	139.5	18	Clay with sand	
10	139.5	157	17.5	Medium grain sand	Good
11	157	164	7	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided.  
C.S.R.  
15/06/23

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