



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

TE:	DANIYALPUR	DATE OF LOGGING:	10.05.2023
LOCK:	BANKI	DRILLING DEPTH:	167.00 M
ATE:	UTTAR PRADESH	LOGGING DEPTH:	165.25 M
GGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
n	0.511 ohm/m	Rw	0.484 ohm/m
STRIC	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	3	3	Top Soil	
2	3	7	4	Sandy clay	
3	7	42	35	Fine grain sand	Medium
4	42	60	18	Clay with sand	
5	60	81	21	Medium to fine grain sand	Good
6	81	90	9	Clay with sand	
7	90	92.5	2.5	Fine grain sand	Medium
8	92.5	100.5	8	Clay with sand	
9	100.5	108	7.5	Fine grain sand	Medium
10	108	120	12	Clay with sand	
11	120	124	4	Fine grain sand	Medium
12	124	133	9	Clay with sand	
13	133	136	3	Fine grain sand	Deteriorated
14	136	142	6	Clay with sand	
15	142	145.5	3.5	Fine grain sand	Deteriorated
16	145.5	164	18.5	Clay with sand	

### NOTE:-

1. ALL zones has intermixed with thin band of kankar
2. 133 mbgl to 164 mbgl formation zones have deteriorated

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. S. S.  
12/05/23