



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SAT BISVAN	DATE OF LOGGING:	27.05.2023
BLOCK:	MASALI	DRILLING DEPTH:	165.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	160.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.472 ohm/m	Rw	0.445 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	7	7	Top Soil	
2	7	20	13	Sandy caly	
3	20	24	4	Fine grain sand	Good
4	24	32	8	Sandy caly	
5	32	56.5	24.5	Medium grain sand	Good
6	56.5	62	5.5	Clay with sand	
7	62	83	21	Medium grain sand with kankar	Good
8	83	90	7	Clay with sand	
9	90	95	5	Sandy caly	
10	95	100	5	Medium grain sand	Good
11	100	106	6	Clay	
12	106	124.5	18.5	Medium to fine grain sand + Kankar	Good
13	124.5	136	11.5	Clay with sand	
14	136	140	4	Medium to fine grain sand	Good
15	140	146	6	Fine sedimdent	
16	146	154	8	Medium grain sand	Good
17	154	160	6	Medium to fine grain sand	Good

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per
logs provided.

G.Sh
28/05/23

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