

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	DHARSANIA	DATE OF LOGGING:	10.06.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	162.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.529 ohm/m	Rw	0.483 ohm/m
DISTRICT	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	11.5	1.5	Medium grain sand	Good
3	11.5	19	7.5	Clay with sand	
4	19	47.5	28.5	Medium grain sand	Good
5	47.5	54	6.5	Clay with sand	
6	54	78	24	Medium grain sand	Good
7	78	84	6	Clay with sand	
8	84	86	2	Fine grain sand	Good
9	86	99	13	Clay with sand	
10	99	104	5	Fine grain sand	Good
11	104	116	12	Clay with sand	
12	116	130	14	Medium to fine grain sand with kankar	Good
13	130	162	32	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

G.Sh
12/06/23