



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MAHARAUND	DATE OF LOGGING:	05.06.2023
BLOCK:	DEWA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.534 ohm/m	Rw	0.481 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	18	8	Clay with sand	
3	18	26	8	Medium grain sand	Good
4	26	36.5	10.5	Clay with sand	
5	36.5	42	5.5	Fine grain sand	Good
6	42	48	6	Clay with sand	
7	48	52	4	Fine grain sand	Good
8	52	61.5	9.5	Clay with sand	
9	61.5	80	18.5	Medium to fine grain sand with kankar	Good
10	80	84	4	Clay with sand	
11	84	96	12	Fine grain sand	Good
12	96	140	44	Clay with sand	
13	140	150	10	Medium to fine grain sand	Good
14	150	163	13	Clay with sand	

NOTE:- 1. ALL zones has intermixed with thin 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

Gish
07/06/23