



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TIKARIYA	DATE OF LOGGING:	01.05.2023
BLOCK:	DEWA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.04 M
ENGG:	BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.401 ohm/m	Rw	0.356 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	32	22	Clay with sand	
3	32	35.5	3.5	Medium grain sand	Good
4	35.5	46.5	11	Clay with sand	
5	46.5	51.5	5	Fine grain sand	Medium
6	51.5	73	21.5	Clay with sand	
7	73	83	10	Fine grain sand	Medium
8	83	89	6	Clay with sand	
9	89	107	18	Medium grain sand	Good
10	107	113	6	Clay with sand	
11	113	120	7	Medium to fine grain sand	Good
12	120	125	5	Clay with sand	
13	125	130	5	Fine grain sand	Medium
14	130	140.5	10.5	Clay with sand	
15	140.5	147	6.5	Medium to fine grain sand	Good
16	147	155	8	Clay with sand	
17	155	162	7	Fine grain sand	Medium

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

Note: S. No 7- 74-02 (0M)
- Groundwater quality interpreted by firm as per their logger calibration
G&H
- 03/05/23