



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	CHANDAULI	DATE OF LOGGING:	04.06.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.508 ohm/m	Rw	0.469 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	18.5	8.5	Fine grain sand	Good
3	18.5	22	3.5	Fine sediment	
4	22	39	17	Medium to fine grain sand	Good
5	39	44	5	Clay with sand	
6	44	53	9	Medium to fine grain sand	Good
7	53	59.5	6.5	Clay with sand	
8	59.5	63	3.5	Medium to fine grain sand	Good
9	63	66	3	Fine sediment	
10	66	78	12	Medium to fine grain sand	Good
11	78	85.5	7.5	Clay with sand	
12	85.5	92	6.5	Medium to fine grain sand	Good
13	92	105	13	Clay with sand	
14	105	109	4	Fine grain sand	Good
15	109	124	15	Clay with sand	
16	124	132.5	8.5	Fine grain sand	Good
17	132.5	147	14.5	Clay with sand	
18	147	160	13	Medium to fine grain sand	Good
19	160	162	2	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

GSR
05/06/23