



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	CHANDALI	DATE OF LOGGING:	27.01.2023
BLOCK:	DEWA	DRILLING DEPTH:	165.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.62M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.439 ohm/m	Rw	0.397 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	11	11	Top Soil	
2	11	17	6	Medium grain sand	Good
3	17	30	13	Medium to fine grain sand	Good
4	30	37.5	7.5	Medium grain sand	Good
5	37.5	51	13.5	Clay with sand	
6	51	55.5	4.5	Medium to fine grain sand	Good
7	55.5	69	13.5	Clay with sand	
8	69	76	7	Medium to fine grain sand	Good
9	76	86	10	Clay with sand	
10	86	88	2	Medium to fine grain sand	Good
11	88	103.5	15.5	Coars to medium grain sand	Good
12	103.5	114	10.5	Clay with sand	
13	114	120	6	Medium grain sand	Good
14	120	124	4	Fine sediment	Medium
15	124	145	21	Medium grain sand	Good
16	145	149	4	Clay	
17	149	157	8	Fine sediment	Medium
18	157	163	6	Medium to fine grain sand	Good

NOTE:-

1. ALL zones has intermixed with fine band of kankar

Verified as per logs provided.  
 Note - Groundwater quality interpreted by firm as per their logger calibration  
 G.Sh  
 28/01/23

For Mining Associates Pvt. Ltd.

Ashok Kumar  
 Geophysicist