



**GEOPHYSICAL DIGITAL LOGGING REPORT**

SITE:	RAJAPUR MAFI	DATE OF LOGGING:	05.05.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.43M
ENGG:	ASHOK KUMAR	LOGGING COMPANT:	Mining Associates Pvt. Ltd.
Rm	0.843 ohm/m	Rw	0.786ohm/m
DISTRIC	BAHRAICH		

**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	6	6	Top Soil	
2	6	10	4	Coars grain sand	Good
3	10	22.5	12.5	Sandyclay with kankar	
	22.5	37	14.5	Medium grain sand	Good
4	37	51	14	Coars to medium grain sand	Good
5	51	65.5	14.5	Medium grain sand	Good
	65.5	71	5.5	Clay	
7	71	82	11	Medium grain sand	Good
8	82	102	20	Clay with sand	
9	102	120	18	Coars to medium grain sand	Good
10	120	138	18	Fine sediment	
11	138	157	19	Medium grain sand	Good
12	157	168	11	Medium to fine grain sand	Good
13	168	197	29	Coars to medium grain sand	Good
14	197	201	4	Medium to fine grain sand	Good
15	201	208	7	Medium grain sand	Good
	208	237	29	Clay with sand	
17	237	264.5	27.5	Medium to fine grain sand	Good
18	264.5	268	3.5	Fine sediment	
19	268	275.5	7.5	Medium to fine grain sand	Good
	275.5	288	12.5	Clay with sand	
21	288	299	11	Medium grain sand	Good

Verified as per logs provided  
 For Mining Associates Pvt. Ltd.  
 Ashok Kumar  
 Geophysicist

ASB  
 05/05/23

J. Executive Engineer (D. Rural) U.P. Saharanpur

Seen  
 [Signature]