



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BAIJNATPUR	DATE OF LOGGING:	09.05.2023
BLOCK:	RISIYA	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	214.43M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.989ohm\m	Rw	0.886ohm\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	11	5	Coares grain sand	Good
3	11	18.5	7.5	Clay with sand & kankar	
4	18.5	50	31.5	Coares to medium grain sand	Good
5	50	67	17	Clay with sand	
6	67	98	31	Mediam to fine grain sand	Good
7	98	108.5	10.5	Coares to medium grain sand& kankar	Good
8	108.5	122	13.5	Clay with sand	
9	122	124.5	2.5	Coares grain sand	Good
10	124.5	130	5.5	Clay	
11	130	154.5	24.5	Coares to medium grain sand&kankar	Good
12	154.5	164	9.5	Sandyclay	
13	164	169	5	Mediam grain sand	Good
14	169	171	2	Fine grain sand	Medium
15	171	177	6	Coares to medium grain sand	Good
16	177	184.5	7.5	Sandyclay	
17	184.5	208	23.5	Medium grain sand with kankar	Good
18	208	212	4	Clay	

Verified as per logs provided

For Mining Associates Pvt. Ltd.

Asok Kumar  
Geophysicist

Note: Groundwater quality interpreted by firm as per their logger calibration.

gsk  
10/05/23