



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JAMUNAHA NAUBASTA	DATE OF LOGGING:	04.05.2023
BLOCK:	NAWABGANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	222.24M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	956.ohm\m	Rw	0.872ohm\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	10	10	Top Soil	
2	10	22.5	12.5	Coares to medium grain sand	Good
3	22.5	44	21.5	Clay with sand & kankar	
4	44	54	10	Medium to fine grain sand	Good
5	54	61	7	Clay with sand	
6	61	66	5	Fine sediment with kankar	
7	66	75	9	Medium to fine grain sand &kankar	Good
8	75	108	33	Medium grain sand with kankar	Good
9	108	114	6	Clay with sand	
10	114	117	3	Medium to fine grain sand	Good
11	117	123	6	Clay with sand	
12	123	138.5	15.5	Coares to medium grain sand	Good
13	138.5	155	16.5	Medium to fine grain sand &kankar	Good
14	155	161.5	6.5	Fine sediment	
15	161.5	198	36.5	Medium to fine grain sand &kankar	Good
16	198	210	12	Clay with sand	
17	210	221	11	Coares grain sand	Good

Verified as per
logs provided.

G. Gh
06/05/23

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist