



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	NARSINGHDIHA	DATE OF LOGGING:	23.05.2023
BLOCK:	RISIYA	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	216.5M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.932ohm\m	Rw	0.875ohm\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	31	21	Coares to medium grain sand&kankar	Good
3	31	36.5	5.5	Clay	
4	36.5	47	10.5	Medium grain sand	Good
5	47	57.5	10.5	Sandyclay	
6	57.5	60	2.5	Coares grain sand	Good
7	60	63.5	3.5	Fine sediment	
8	63.5	92	28.5	Medium grain sand with kankar	Good
9	92	104	12	Coares to medium grain sand	
10	104	119	15	Clay with sand	
11	119	121	2	Medium grain sand	Good
12	121	124.5	3.5	Fine sediment	
13	124.5	142.5	18	Medium grain sand with kankar	Good
14	142.5	147	4.5	Fine grain sand with kankar	
15	147	151.5	4.5	Clay	
16	151.5	154	2.5	Medium grain sand	Good
17	154	166	12	Clay with sand	
18	166	176	10	Medium to fine grain sand	
19	176	184	8	Medium grain sand	Good
20	184	198.5	14.5	Medium to fine grain sand	
21	198.5	211.5	13	Clay with sand	
22	211.5	216	4.5	Medium to fine grain sand	Good

Verified after logs provided

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24/05/23

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

cc;

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Gonda
- 2.M/S Vishwanath Projects Limited,Bahraich