



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	PURE SHYSHAYE	DATE OF LOGGING:	13.05.2023
BLOCK:	VISHESHWARGANJ	DRILLING DEPTH:	225.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.30 M
ENGINEER:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
RESISTIVITY	0.886 ohm/m	RAO	0.847 ohm/m
DISTRICT:	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	Remarks (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	5	5	Top Soil	
2	5	10	5	Coarse to medium grain sand	Good
3	10	27.5	17.5	Medium grain sand	Good
4	27.5	34	6.5	Medium to fine grain sand	Good
5	34	42.5	8.5	Medium grain sand	Good
6	42.5	69	26.5	Coarse to medium grain sand	Good
7	69	73.5	4.5	Medium grain sand	Good
8	73.5	81	7.5	Fine sediment	
9	81	95	14	Medium grain sand	Good
10	95	105	10	Coarse grain sand	Good
11	105	110	5	Fine sediment	
12	110	123	13	Medium grain sand	Good
13	123	130.5	7.5	Clay	
14	130.5	146.5	16	Sandy clay with kankar	
15	146.5	148	1.5	Medium grain sand	Good
16	148	152	4	Medium to fine grain sand	Good
17	152	184	32	Medium grain sand	Good
18	184	203	19	Medium to fine grain sand	Good
19	203	207.5	4.5	Fine sediment	
20	207.5	218	10.5	Sandy clay	

Verified as per logs provided

For Mining Associates Pvt. Ltd.
B. Bhaskar Rao
Geophysicist

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

Note - Upto Sr No 9 and 12 sediments are highly intermixed with kankar

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From

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9/5/23

