



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SHIVNAHA	DATE OF LOGGING:	20.10.2023
BLOCK:	HUZOORPUR	DRILLING DEPTH:	335.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	321.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.8ohm.m	Rw	13.5 ohm.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	30	20	Coares grain sand	Good
3	30	35	5	Clay	
4	35	39	4	Medium grain sand	Good
5	39	44.5	5.5	Clay	
6	44.5	83.5	39	Medium grain sand	Good
7	83.5	103	19.5	Clay with sand	
8	103	189	86	Medium grain sand	Good
9	189	193.5	4.5	Medium to fine grain sand	
10	193.5	216.5	23	Clay with sand	
11	216.5	230	13.5	Medium to fine grain sand	Good
12	230	272.5	42.5	Clay with sand	
13	272.5	280	7.5	Medium grain sand	Good
14	280	285.5	5.5	Clay	
15	285.5	290	4.5	Medium grain sand	Good
16	290	296	6	Clay	
17	296	301.5	5.5	Medium grain sand	Good
18	301.5	304	2.5	Sandyclay	
19	304	321	17	Medium grain sand	Good

NOTE:- 1. ALL zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

cc;

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

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