

**GEOPHYSICAL DIGITAL LOGGING REPORT**

WELL:	SEMAPHYA	DATE OF LOGGING:	14.06.2023
BLOCK:	SHYFUR	COLLUMEN DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	299.00M
NAME:	ADARSH KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Pin:	226204/10	Pin:	078604/10
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	7	7	Top Soil	
2	7	32	25	Coarse grain sand with kankar	Good
3	32	43.5	11.5	Clay with sand	
4	43.5	67	23.5	Coarse to medium grain sand & kankar	Good
5	67	71.5	4.5	Fine sediment	
6	71.5	87	15.5	Coarse to medium grain sand & kankar	Good
7	87	96	9	Clay with sand	
8	96	100	4	Medium grain sand with kankar	Good
9	100	110	10	Sandy clay	
10	110	138	28	Coarse to medium grain sand & kankar	Good
11	138	147	9	Fine sediment	
12	147	150	3	Medium grain sand	Good
13	150	154.5	4.5	Fine sediment	
14	154.5	156.5	2	Medium grain sand	Good
15	156.5	163	6.5	Clay with sand	
16	163	170	7	Medium grain sand with kankar	Good
17	170	182	12	Clay with sand	
18	182	203	21	Medium grain sand with kankar	Good
19	203	215	12	Clay with sand	
20	215	264	49	Medium grain sand with kankar	Good
21	264	269	5	Fine sediment	
22	269	276	7	Medium grain sand with kankar	Good
23	276	286	10	Fine sediment	
24	286	299	13	Medium grain sand with kankar	Good

Verified as per logs provided for Mining Associates Pvt. Ltd.

*Adarsh Kumar*  
Geophysicist

CC:

- 1. Executive Engineer, C.D. (Punjab) J.P. Jalnagar, Gonda
- 2. M/S Vishwanath Projects Limited Bahraich

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*2023*  
*Adarsh*

ASSISTANT ENGINEER  
DIVISION OFFICER (M)  
J.P. JALNAGAR, GONDA