

# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

<b>LOCATION:</b>	SANKALPA	<b>DATE OF LOGGING:</b>	30.05.2023
<b>BLOCK:</b>	SHIVPUR	<b>DRILLING DEPTH:</b>	305.00 M
<b>STATE:</b>	UTTAR PRADESH	<b>LOGGING DEPTH:</b>	300.63M
<b>LOGGERS:</b>	ASHOK KUMAR	<b>LOGGING COMPANY:</b>	Mining Associates Pvt. Ltd.
<b>RESISTIVITY:</b>	0.978ohm\m	Rw	0.867ohm\m
<b>DISTRICT:</b>	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	6	6	Top Soil	
2	6	25	19	Coares to medium grain sand	
3	25	93	68	Medium grain sand	Good
4	93	102	9	Clay with sand	
5	102	106	4	Medium grain sand	Good
6	106	112.5	6.5	Sandyclay	
7	112.5	116.5	4	Medium to fine grain sand	Good
8	116.5	122.5	6	Sandyclay	
9	122.5	146.5	24	Medium grain sand	Good
10	146.5	160	13.5	Fine sediment	
11	160	170	10	Coares grain sand	
12	170	175	5	Medium to fine grain sand	
13	175	189	14	Coares grain sand	Good
14	189	207	18	Coares to medium grain sand	
15	207	212	5	Fine sediment	
16	212	236	24	Medium to fine grain sand&kankar	Good
17	236	250	14	Clay with sand	
18	250	257	7	Medium to fine grain sand	
19	257	275	18	Coares to medium grain sand	Good
20	275	285	10	Sandyclay	
21	285	299	14	Coares to medium grain sand	Good

Verified as per logs provided.

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist

G. Sr  
21/05/23

cc:

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

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