



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BARUHI TEPRI	DATE OF LOGGING:	25.06.2023
BLOCK:	SHYMPUR	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	294.00M
ENGR:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.974ohm/m	Rw	0.842ohm/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	3	3	Top Soil	
2	3	31.5	28.5	Coares to medium grain snad	Good
3	31.5	39	7.5	Sandyclay	
4	39	74	35	Coares to medium grain snad & kankar	Good
5	74	80	6	Clay with sand	
6	80	104	24	Coares to medium grain snad & kankar	
7	104	108.5	4.5	Medium to fine grain sand & kankar	Good
8	108.5	130	21.5	Coares to medium grain snad & kankar	
9	130	146	16	Medium grain sand with kankar	
10	146	149.5	3.5	Fine sediment	
11	149.5	224.5	75	Coares to medium grain snad & highkankar	Good
12	224.5	229	4.5	Sandyclay	
13	229	237	8	Medium grain sand	Good
14	237	260	23	Clay with sand	
15	260	274	14	Coares to medium grain snad & kankar	Good
16	274	281	7	Medium grain sand	
17	281	294	13	Coares to medium grain snad & kankar	

Verified as per
log provided

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

C. Sh
26/06/23

CC:

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