



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BIRHI PURVA LAKSMANPUR	DATE OF LOGGING:	28.05.2023
BLOCK:	IKONA	DRILLING DEPTH:	168.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	149.5M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.493ohm/m	Rw	0.405ohm/m
DISTRIC	SHRAVASTI		

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	8	8	Top Soil	
2	8	15	7	Coares grain sand	Good
3	15	24.5	9.5	Clay with sand	
4	24.5	40	15.5	Coares grain sand with kankar	Good
5	40	48.5	8.5	Clay with sand	
6	48.5	53.5	5	Medium grain sand	Good
7	53.5	58.5	5	Clay	
8	58.5	61	2.5	Medium grain sand	Good
9	61	67.5	6.5	Clay with sand	
10	67.5	79.5	12	Coares grain sand	Good
11	79.5	95.5	16	Clay with sand	
12	95.5	99.5	4	Medium grain sand	Good
13	99.5	110	10.5	Clay with sand	
14	110	114	4	Medium grain sand	Good
15	114	121	7	Clay	
16	121	137	16	Medium grain sand with kankar	Good
17	137	149	12	Clay with sand	

Verified as per
logs provided

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

CC;

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

G.S.H.
29/05/23