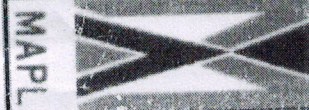


*Ralitiya Engin-er*



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BELKAR	DATE OF LOGGING:	27.05.2023
BLOCK:	IKONA	DRILLING DEPTH:	168.00 M
STATE:	UTTAR PRADESH	LOGGING DEPT.:	167.66M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.543ohm/m	R <sub>w</sub>	0.478ohm/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 thickness of 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	5	5	Top Soil	
2	5	20	15	Coars to medium grain sand	Good
3	20	30	10	Sandyclay	
4	30	41	11	Coars to medium grain sand	Good
5	41	50	9	Mediam to fine grain sand	Good
6	50	58	8	Clay with sand	
7	58	60	2	Medium grain sand	Good
8	60	64	4	Fine sediment	
9	64	74	10	Coares grain sand	Good
10	74	80	6	Medium grain sand	Good
11	80	87	7	Clay with sand	
12	87	89.5	2.5	Medium grain sand	Good
13	89.5	92.5	3	Fine sediment	
14	92.5	100	7.5	Coares grain sand	Good
15	100	110	10	Clay	
16	110	120	10	Coares grain sand with silt	Good
17	120	132	12	Clay with sand	
18	132	150.5	18.5	Mediam to fine grain sand	Good
19	150.5	160	9.5	Clay with sand	
20	160	161.5	1.5	Medium grain sand	Good
21	161.5	166	4.5	Clay	

*Verified as per logs provided*  
*For Mining Associates Pvt. Ltd.*  
*Adhikari*  
*Geophysicist*

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

*G. S.*  
*25/05/23*