



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TIGRA ZONE-B	DATE OF LOGGING:	23.12.2023
BLOCK:	SHIVPUR	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.9ohm.m	Rw	13.1 ohm.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	10	10	Top Soil	
2	10	24.5	14.5	Coares grain sand	Good
3	24.5	40	15.5	Clay with sand	
4	40	67	27	Coares grain sand	Good
5	67	73.5	6.5	Clay	
6	73.5	97	23.5	Medium to fine grain sand	Good
7	97	154.5	57.5	Medium grain sand	
8	154.5	160	5.5	Fine sediment	
9	160	230.5	70.5	Medium grain sand	Good
10	230.5	250	19.5	Clay with sand	
11	250	259	9	Medium grain sand	Good
12	259	264	5	Clay	
13	264	281.5	17.5	Medium grain sand	Good
14	281.5	285	3.5	Fine sediment	
15	285	300	15	Medium grain sand	Good

NOTE:- 1. ALL zones have intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

CC;

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