



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	DESHI MUSTAFABAD	DATE OF LOGGING:	19.03.2023
BLOCK:	DEWA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.25M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.526ohm/m	Rw	0.434ohm/m
DISTRIC	BARABANKI		

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	17	11	Fine grain sand	Medium
3	17	25.5	8.5	Medium grain sand	Good
4	25.5	31	5.5	Clay	
5	31	48	17	Fine sediment	
6	48	58	10	Medium to fine grain sand	Good
7	58	67	9	Clay with sand	
8	67	76	9	Medium to fine grain sand	Good
9	76	82	6	Medium grain sand	Good
10	82	93	11	Clay with sand	
11	93	100	7	Medium to fine grain sand	Good
12	100	114	14	Clay with sand	
13	114	121	7	Medium to fine grain sand	Good
14	121	127	6	Fine grain sand	Medium
15	127	136.5	9.5	Medium to fine grain sand	Good
16	136.5	144.5	8	Clay with sand	
17	144.5	153	8.5	Medium to fine grain sand	Deteraorate
18	153	164	11	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist