

MAPL



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	DERWA HARBANSPUR	DATE OF LOGGING:	16.02.2022
BLOCK:	PAYAGPUR	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.15M
ENGINEER:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

### 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	50.5	40.5	Medium to fine grain sand	Good
3	50.5	91	40.5	Medium grain sand	Good
4	91	97.5	6.5	Clay	
5	97.5	102.5	5	Medium grain sand	Good
6	102.5	111.5	9	Clay	
7	111.5	114.5	3	Fine grain sand	Medium
8	114.5	119.5	5	Clay	
9	119.5	129.5	10	Medium grain sand	Good
10	129.5	135.5	6	Clay	
11	135.5	139	3.5	Fine grain sand	Medium
12	139	142.5	3.5	Clay	
13	142.5	147	4.5	Fine grain sand	Medium
14	147	155.5	8.5	Medium grain sand	Good
15	155.5	167	11.5	Medium to fine grain sand	Good
16	167	177.5	10.5	Fine grain sand	Medium
17	177.5	189.5	12	Clay	
18	189.5	206.5	17	Fine grain sand	Medium
19	206.5	210	3.5	Clay	
20	210	220	10	Fine grain sand	Medium

For Mining Associates Pvt. Ltd.

*Ashok Kumar*  
Geophysicist