

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SHEOPUR MOHRANIYA	DATE OF LOGGING:	29.01.22
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.11M
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	6	6	Top Soil	
2	6	12	6	Cores graind sand	Good
3	12	28.5	16.5	Clay	
5	28.5	30	1.5	medium graind sand	Good
6	30	38	8	Fine graind sand	Medium
7	38	43	5	Clay	
8	43	48	5	Medium to fine grain sand	Good
9	48	53	5	Clay	
10	53	58.5	5.5	Fine graind sand	Medium
11	58.5	63	4.5	Clay	
12	63	67	4	Medium to fine grain sand	Good
13	67	73	6	Clay	
14	73	81.5	8.5	Medium to fine grain sand	Good
15	81.5	89	7.5	Fine graind sand	Medium
16	89	95	6	Clay	
17	95	103	8	Medium to fine grain sand	Good
18	103	106	3	Clay	
19	106	110.5	4.5	Fine graind sand	Medium
20	110.5	115.5	5	Clay	
21	115.5	125.5	10	Cores graind sand	Good
22	125.5	134	8.5	Clay	
23	134	153	19	Fine to medium grain sand	Medium
24	153	162.5	9.5	Fine graind sand	Medium
25	162.5	171	8.5	Clay	
26	171	175	4	Fine graind sand	Medium
27	175	179	4	Clay	
28	179	189	10	Fine to medium grain sand	Medium
29	189	192.5	3.5	Clay	
30	192.5	203.5	11	Medium to fine grain sand	Good
31	203.5	208.5	5	Clay	
31	208.5	220	11.5	Fine graind sand	Medium

For Mining Associates Pvt.

Ashok Kumar
Geophysicist