

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SISAIYA	DATE OF LOGGING:	30.01.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.09M
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)			
				Top Soil	
1	0	9	9	Clay	
2	9	14.5	5.5	Medium to Fine grained Sand	Good
3	14.5	19	4.5	Clay	
5	19	22	3	Coarse to medium grained sand	Good
6	22	28.5	6.5	Clay	
7	28.5	37.5	9	Medium grained sand	Good
8	37.5	41	3.5	Clay with sand	
9	41	66	25	Clay	
10	66	69	3	Fine grained sand	medium
11	69	75	6	Clay with sand	
12	75	86	11	Fine grained sand	medium
13	86	90	4	Coarse grained sand	Good
14	90	92	2	Clay	
15	92	94.5	2.5	Coarse to medium grained sand	Good
16	94.5	100	5.5	Fine grained sand	medium
17	100	106	6	Clay with sand	
18	106	110	4	Clay	
19	110	116	6	Fine grained sand	medium
20	116	126	10	Clay	
21	126	132	6	Fine to medium grained sand	Good
22	132	152.5	20.5	Clay	
23	152.5	156	3.5	Coarse grained sand	Good
24	156	162	6	Clay	
25	162	178.5	16.5	Fine to medium grained sand	Good
26	178.5	185	6.5	Fine grained sand	medium
27	185	190	5	Fine to medium grained sand	Good
28	190	196	6	Fine grained sand	medium
29	196	202	6	Clay	
30	202	210	8	Coarse grained sand	Good
31	210	220	10		

Ashok Kumar For Mining Associates Pvt. Ltd.
Geophysicist