



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MUATAFABAD	DATE OF LOGGING:	21-11-2022
BLOCK:	JARWAL	DRILLING DEPTH:	332.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	332.80M
ENGG:	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	8	8	Top Soil	
2	8	15	7	Medium grained Sand	Good
3	15	17	2	Medium to Fine grained Sand	Good
4	17	24	7	Clay	
5	24	43	19	Medium to Fine grained Sand	Good
6	43	58.5	15.5	Medium grained Sand	Good
7	58.5	65.5	7	Medium to Fine grained Sand	Good
8	65.5	76	10.5	Fine grain sand	Medium
9	76	85	9	Medium grained Sand	Good
10	85	93	8	Fine grain sand	Medium
11	93	110.5	17.5	Fine sediment	Medium
12	110.5	117.5	7	Clay with sand	
13	117.5	127	9.5	Medium to Fine grained Sand	Good
14	127	143	16	Fine grain sand	Medium
15	143	161	18	Medium to Fine grained Sand	Good
16	161	173.5	12.5	Medium grained Sand	Good
17	173.5	181	7.5	Fine grain sand	Medium
18	181	203	22	Medium to Fine grained Sand	Good
19	203	210.5	7.5	Fine grain sand	Medium
20	210.5	218.5	8	Medium grained Sand	Good
21	218.5	223	4.5	Fine grain sand	Medium
22	223	228.5	5.5	Medium grained Sand	Good
23	228.5	236.5	8	Fine grain sand	Medium
24	236.5	240	3.5	Medium to Fine grained Sand	Good
25	240	246	6	Medium grained Sand	Good
26	246	253.5	7.5	Medium to Fine grained Sand	Good
27	253.5	258	4.5	Fine grain sand	Medium
28	258	277	19	Fine sediment	Medium
29	277	281	4	Fine grain sand	Medium
30	281	287.5	6.5	Clay with sand	
31	287.5	291	3.5	Medium grained Sand	Good
32	291	295.5	4.5	Medium to Fine grained Sand	Good
33	295.5	300.5	5	Fine grain sand	Medium
34	300.5	308.5	8	Clay with sand	
35	308	329	21	Coars grain sand	Good
36	329	330	1	Medium to Fine grained Sand	Good

For Mining Associates Pvt. Ltd.