MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	NASRAPUR	**DATE OF LOGGING:**	13.11.2022
BLOCK:	HUZOORPUR	**DRILLING DEPTH:**	330.00 M
STATE:	UTTAR PRADESH	**LOGGING DEPTH:**	330.00 M
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	7	7	Top Soil	
2	7	18.5	11.5	Fine grained Sand	Medium
3	18.5	22	3.5	Medium to Fine grained Sand	Good
4	22	30	8	Fine grained Sand	Medium
5	30	45	15	Medium grained Sand	Good
6	45	50	5	Clay	
7	50	60	10	Medium to Fine grained Sand	Good
8	60	66.5	6.5	Fine grained Sand	Medium
9	66.5	101.5	35	Medium to Fine grained Sand	Good
10	101.5	122	20.5	Fine grained Sand	Medium
11	122	124	2	Clay	
12	124	132.5	8.5	Fine grained Sand	Medium
13	132.5	148	15.5	Medium grained Sand	Good
14	148	164.5	16.5	Medium to Fine grained Sand	Good
15	164.5	174.5	10	Fine grained Sand	Medium
16	174.5	181.5	7	Medium to Fine grained Sand	Good
17	181.5	205	23.5	Medium grained Sand	Good
18	205	208	3	Clay	
19	208	215	7	Medium to Fine grained Sand	Good
20	215	221.5	6.5	Fine grained Sand	Medium
21	221.5	238.5	17	Medium to Fine grained Sand	Good
22	238.5	245	6.5	Fine grained Sand	Medium
23	245	255.5	10.5	Medium to Fine grained Sand	Good
24	255.5	271.5	16	Medium grained Sand	Good
25	271.5	282	10.5	Medium to Fine grained Sand	Good
26	282	287.5	5.5	Clay	
27	287.5	290	2.5	Fine grained Sand	Medium
28	290	293	3	Medium to Fine grained Sand	Good
29	293	300.5	7.5	Fine grained Sand	Medium
30	300.5	318.5	18	Medium to Fine grained Sand	Good
31	318.5	330	11.5	Clay with sand	

For Mining Associates Pvt. Ltd.

Geophysicist