



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MOHAMADPUR	DATE OF LOGGING:	05.03.2023
BLOCK:	HUZOORPUR	DRILLING DEPTH:	330.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	330.38M
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:-

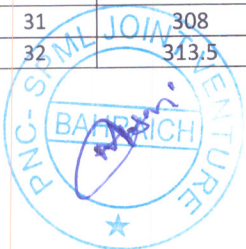
The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

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	10	10	Top Soil	
2	10	20	10	Medium grained Sand	Good
3	20	28.5	8.5	Coares grain sand	Good
4	28.5	32.5	4	Medium grained Sand	Good
5	32.5	40	7.5	Coares grain sand	Good
6	40	42.5	2.5	Fine sediment	Medium
7	42.5	60.5	18	Coares grain sand	Good
8	60.5	66	5.5	Fine sediment	Medium
9	66	70	4	Medium grained Sand	Good
10	70	90	20	Coares grain sand	Good
11	90	140	50	Medium grained Sand	Good
12	140	165.5	25.5	Coares grain sand	Good
13	165.5	170	4.5	Medium to Fine grained Sand	Good
14	170	180	10	Medium grained Sand	Good
15	180	186.5	6.5	Clay	
16	186.5	194	7.5	Coares grain sand	Good
17	194	199	5	Medium grained Sand	Good
18	199	207	8	Coares grain sand	Good
19	207	211.5	4.5	Clay	
20	211.5	213.5	2	Medium grained Sand	Good
21	213.5	241	27.5	Coares grain sand	Good
22	241	250	9	Medium grained Sand	Good
23	250	256	6	Coares grain sand	Good
24	256	258.5	2.5	Fine grain sand	Medium
25	258.5	262.5	4	Medium grained Sand	Good
26	262.5	272	9.5	Coares grain sand	Good
27	272	273.5	1.5	Fine grain sand	Medium
28	273.5	290	16.5	Coares grain sand	Good
29	290	304	14	Medium grained Sand	Good
30	304	308	4	Clay	
31	308	313.5	5.5	Medium to Fine grained Sand	Good
32	313.5	330	16.5	Coares grain sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist



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