



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	PATKHAULI	DATE OF LOGGING:	10.04.2023
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:-

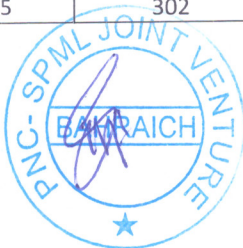
The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

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	4	4	Top Soil	
2	4	10	6	Clay	
3	10	15.5	5.5	Coares grain sand	Good
4	15.5	17	1.5	Medium to Fine grained Sand	Good
5	17	18.5	1.5	Fine grained Sand	Medium
6	18.5	23	4.5	Clay	
7	23	31	8	Coares grain sand	Good
8	31	34.5	3.5	Clay	
9	34.5	37	2.5	Medium grained Sand	Good
10	37	45.5	8.5	Clay	
11	45.5	62	16.5	Medium grained Sand	Good
12	62	74	12	Medium to Fine grained Sand	Good
13	74	76.5	2.5	Clay	
14	76.5	93	16.5	Fine grained Sand	Medium
15	93	99	6	Clay with sand	
16	99	105	6	Fine grained Sand	Medium
17	105	110	5	Medium grained Sand	Good
18	110	116	6	Clay with sand	
19	116	122	6	Fine grained Sand	Medium
20	122	138	16	Medium to Fine grained Sand	Good
21	138	152.5	14.5	Medium grained Sand	Good
22	152.5	154	1.5	Clay	
23	154	177.5	23.5	Medium grained Sand	Good
24	177.5	197.5	20	Medium to Fine grained Sand	Good
25	197.5	200	2.5	Clay	
26	200	206.5	6.5	Coares grain sand	Good
27	206.5	218	11.5	Medium to Fine grained Sand	Good
28	218	222.5	4.5	Medium grained Sand	Good
29	222.5	224	1.5	Clay	
30	224	237	13	Coares grain sand	Good
31	237	245.5	8.5	Medium to Fine grained Sand	Good
32	245.5	269	23.5	Coares to medium grain sand	Good
33	269	272	3	Fine grained Sand	Medium
34	272	302	30	Medium to coares grain sand	Good
35	302	330	28	Coares grain sand	Good



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