

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	PAHRWA	DATE OF LOGGING:	22.01.2022
BLOCK:	PAYAGPUR	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.23M
ENGINEER:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

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	36	28	Medium to fine grain sand	Good
3	36	39	3	Clay	
4	39	52.5	13.5	medium grain sand	Good
5	52.5	55	2.5	Clay	
6	55	74.5	19.5	medium grain sand	Good
7	74.5	79	4.5	fine grain sand	Medium
8	79	84	5	medium grain sand	Good
9	84	94	10	Fine to medium grain sand	Medium
10	94	95.5	1.5	Clay	
11	95.5	105	9.5	medium grain sand	Good
12	105	110	5	Clay	
13	110	120	10	medium grain sand	Good
14	120	123	3	Clay	
15	123	146.5	23.5	medium grain sand	Good
16	146.5	150	3.5	Clay	
17	150	175	25	Medium to fine grain sand	Good
18	175	195.5	20.5	medium grain sand	Good
19	195.5	198.5	3	Clay	
20	198.5	211	12.5	Medium to fine grain sand	Good
21	211	214	3	Clay	
22	214	220	6	Medium to fine grain sand	Good

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist