



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SHUHELWA	DATE OF LOGGING:	19.01.2022
BLOCK:	PAYAGPIA	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220.13M
ENGINEER:	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	15	8	Medium to fine graind sand	Good
3	15	24	9	Fine graind sand	Medium
5	24	30	6	Clay	
6	30	45	15	Fine graind sand	Medium
7	45	60	15	Medium to fine graind sand	Good
8	60	85	25	Fine graind sand	Medium
9	85	91	6	Medium to fine graind sand	Good
10	91	111	20	Fine graind sand	Medium
11	111	114	3	Clay	
12	114	121.5	7.5	Fine graind sand	Medium
13	121.5	126	4.5	Clay	
14	126	130	4	Fine graind sand	Medium
15	130	145	15	Clay with sand	
16	145	153.5	8.5	Fine graind sand	Medium
17	153.5	156	2.5	Clay	
18	156	159.5	3.5	Fine graind sand	Medium
19	159.5	161.5	2	Clay	
20	161.5	165.5	4	Fine graind sand	Medium
21	165.5	169.5	4	Clay	
22	169.5	195	25.5	Fine graind sand	Medium
23	195	198	3	Clay	
24	198	206	8	Fine graind sand	Medium
25	206	212	6	Clay	
26	212	220	8	Fine graind sand	Medium

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist