

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JHALA	DATE OF LOGGING:	14.06.2023	BLOCK:	MIHINPURWA	STATE:	UTTAR PRADESH
ENG:	ASHOK KUMAR	LOGGING DEPTH:	289.00M	LOGGING COMPANY:	Logging Associates Pvt. Ltd.	Rm	0.965ohm/m
DISTRICT:	BAHRAICH	Rw	0.891ohm/m				

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		Inferred lithology	Remark (Quality of Aquifer Water)
	From (m)	To (m)		
1	0	8	Top Soil	
2	8	29	Coars grain sand	Good
3	29	38	Fine sediment	Good
4	38	50	Coares to medium grain sand	Good
5	50	58	Fine sediment	Good
6	58	92.5	Coares to medium grain sand	Good
7	92.5	101	Clay with sand	Good
8	101	111	Medium to fine grain sand	
9	111	122	Medium to fine grain sand	
10	122	128.5	Coares to medium grain sand	
11	128.5	138.5	Medium grain sand	
12	138.5	161.5	Coares to medium grain sand	
13	161.5	168	Medium grain sand	
14	168	181	Medium to fine grain sand	
15	181	190	Coares to medium grain sand	
16	190	221	Clay with sand	
17	221	241	Medium grain sand	
18	241	281	Medium to fine grain sand	
19	281	289	Medium to fine grain sand	Good

For Mining Associates Pvt. Ltd.
Geophysicist

CC: 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Gonda
2.M/S PNC Infratech Limited,Bahraich