



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JALAL PATTI	DATE OF LOGGING:	21.05.2023
BLOCK:	CHITaura	DORILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	292.5M
ENGR:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.898ohm/m	Rw	0.793ohm/m
DISTRIC	BAHRAICH		

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	8	8	Top Soil	
2	8	67.5	59.5	Coares to medium grain sand&kankar	Good
3	67.5	73	5.5	Fine sediment	
4	73	96	23	Coares to medium grain sand&kankar	Good
5	96	102.5	6.5	Medium grain sand with kankar	Good
6	102.5	120	17.5	Sandyclay with kankar	
7	120	140	20	Coares to medium grain sand&kankar	Good
8	140	145	5	Fine sediment	
9	145	147	2	Medium grain sand	Good
10	147	162.5	15.5	Sandyclay with kankar	
11	162.5	187	24.5	Coares to medium grain sand&kankar	Good
12	187	193.5	6.5	Clay	
13	193.5	220	26.5	Coares to medium grain sand	Good
14	220	236	16	Medium grain sand with kankar	Good
15	236	243.5	7.5	Clay	
16	243.5	255	11.5	Coares grain sand	Good
17	255	276	21	Medium to fine grain sand with kankar	Good
18	276	292	16	Medium grain sand with kankar	Good

For Mining Associates Pvt. Ltd.
Ashok Kumar
Geophysicist

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

Verified as per logs provided

Seen
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log
Asok

G.Sh
24/05/23

ASHOK ENGINEER
DIVISION OFFICE (RURAL)
JAL NIGAM RURAL OFFICE