

MAPL



MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	NAVVA PATTI	DATE OF LOGGING:	17.05.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.26M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.972ohm $\cdot$ m	Rw	0.856ohm $\cdot$ 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	Remarks (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	8	8	Top Soil	
2	8	30	22	Coares to medium grain sand	Good
3	30	34	4	Fine sediment	
4	34	42	8	Coares grain sand	Good
5	42	50	8	Sandyclay	
6	50	58	8	Coares grain sand	Good
7	58	62.5	4.5	Fine sediment	
8	62.5	101.5	39	Coares to medium grain sand	Good
9	101.5	109.5	8	Clay with sand	
10	109.5	115.5	6	Coares grain sand	Good
11	115.5	121.5	6	Sandyclay with Sand	
12	121.5	134.5	13	Coares grain sand	Good
13	134.5	137.5	3	Medium to fine grain sand	Good
14	137.5	145.5	8	Sandyclay with Sand	
15	145.5	150	4.5	Coares grain sand	Good
16	150	156	6	Medium to fine grain sand	Good
17	156	163	7	Sandyclay	
18	163	191	28	Medium grain sand	Good
19	191	195.5	4.5	Clay - F.S	
20	195.5	215	19.5	Coares to medium grain sand	Good
21	215	225	10	Medium grain sand	Good
22	225	229	4	Fine sediment	
23	229	240	11	Medium grain sand	Good
24	240	247	6	Clay	
25	247	254	7	Coares grain sand	Good
26	254	264	10	Fine sediment	
27	264	272	8	Coares to medium grain sand	Good
28	272	281	9	Sandyclay	
29	281	294	13	Coares to medium grain sand	Good
30	294	299	5	Medium grain sand	Good

Verified as per logs provided

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

GSh

20/05/23

Seen

SW

JUNIOR ENGINEER  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

Seen  
R.K.

