



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TERIYA	DATE OF LOGGING:	27.05.2023
BLOCK:	CHITALURA	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	293.5M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Res	0.95ohm/m	R _{av}	0.89ohm/m
DISTRIC	BAHRAICH		

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred to 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	5	5	Top Soil	
2	5	34.5	29.5	Coarses to medium grain sand	Good
3	34.5	39	4.5	Fine grain sand	
4	39	44	5	Medium to fine grain sand	
5	44	66.5	22.5	Coarses to medium grain sand	
6	66.5	72.5	6	Fine sediment	
7	72.5	81	8.5	Coarses grain sand	Good
8	81	92	11	Medium to fine grain sand	
9	92	120	28	Coarses to medium grain sand	
10	120	150	30	Medium grain sand	
11	150	156.5	6.5	Sandy clay	
12	156.5	163	6.5	Medium grain sand	Good
13	163	171.5	8.5	Clay with sand	
14	171.5	195.5	24	Medium grain sand	Good
15	195.5	204.5	9	Clay with sand	
16	204.5	222.5	18	Medium grain sand	Good
17	222.5	228	5.5	Fine sediment	
18	228	235	7	Medium grain sand	Good
19	235	248.5	13.5	Medium to fine grain sand	
20	248.5	261.5	13	Clay with sand	Good
21	261.5	293	31.5	Medium to fine grain sand	

Verified as per logs provided by Mining Associates Pvt. Ltd.
A. S. Shrivastava
 20/05/23
Geophysicist

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

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