



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SHAHPURJOT TUSUPH	DATE OF LOGGING:	08.05.2023
BLOCK:	CHITaura	DRIllING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.25M
ENGS:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.978ohm/m	Rm	0.889ohm/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	4	4	Top Soil	
2	4	14.5	10.5	Coarse grain sand	Good
3	14.5	31	16.5	Clay with sand	
4	31	41	10	Medium grain sand	Good
5	41	49	8	Medium to fine grain sand	Good
6	49	70	21	Coarse to medium grain sand	Good
7	70	78.5	8.5	Medium to fine grain sand	Good
8	78.5	94	15.5	Clay with sand	
9	94	100.5	6.5	Sandyclay	
10	100.5	108	7.5	Medium grain sand	Good
11	108	111.5	3.5	Medium to fine grain sand	Good
12	111.5	138.5	27	Medium grain sand	Good
13	138.5	146.5	8	Medium to fine grain sand	Good
14	146.5	214.5	68	Medium grain sand	Good
15	214.5	222	7.5	Clay	
16	222	235	13	Coarse grain sand	Good
17	235	242	7	Clay	
18	242	245.5	3.5	Medium grain sand	Good
19	245.5	251.5	6	Clay with sand	
20	251.5	271.5	20	Coarse to medium grain sand (kankar)	Good
21	271.5	278	6.5	Medium to fine grain sand	Good
22	278	295	17	Medium grain sand	Good

For Mining Associates Pvt. Ltd

Verified as per logs provided
 Ashok Kumar
 Geophysicist

Seen
 SW

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

Note Sr. NO 20 - highly kankar intermixed

Acaduloh

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 SW

08/05/23

