



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BANWARI GOPALPUR	DATE OF LOGGING:	27.05.2023
BLOCK:	CHITaura	DRILLING DEPTH:	305.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	300.73M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.854ohm/m	Rw	0.736ohm/m
DISTRICT	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	6	6	Top Soil	
2	6	10	4	Coarses grain sand	
3	10	17.5	7.5	Medium grain sand	Good
4	17.5	23	5.5	Clay	
5	23	39	16	Medium grain with kankar	Good
6	39	45	6	Clay	
7	45	50	5	Medium grain sand	Good
8	50	56.5	6.5	Clay with sand	
9	56.5	68	11.5	Medium grain with kankar	
10	68	83	15	Medium to fine grain sand	Good
11	83	90	7	Clay	
12	90	137.5	47.5	Medium grain with kankar	
13	137.5	156	18.5	Coarses to medium grain sand&kankar	
14	156	170	14	Medium grain sand	Good
15	170	180	10	Coarses to medium grain sand	
16	180	188.5	8.5	Clay with sand	
17	188.5	199.5	11	Coarses to medium grain sand	
18	199.5	239	39.5	Medium to fine grain sand&kankar	Good
19	239	243	4	Fine sediment	
20	243	247.5	4.5	Medium grain sand	Good
21	247.5	252	4.5	Fine sediment	
22	252	283	31	Medium grain with kankar	Good
23	283	287.5	4.5	Clay	
24	287.5	299	11.5	Medium grain sand	Good

Verified as per logs provided for Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

1 Executive Engineer (E.D./Rural) U.P. Nigam, Gorad
2 M/S Vishwanath Project Limited, Bahraich

Seal
Seal