



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BAHLOLPUR	DATE OF LOGGING:	25.02.2023
BLOCK:	HARAKH	DRILLING DEPTH:	165.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	166.28M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.444ohm/m	Rw	0.398ohm/m
DISTRIC	BARABANKI		

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	5	5	Top Soil	
2	5	10	5	Fine grain sand	Medium
3	10	16.5	6.5	Clay with sand	
4	16.5	24.5	8	Fine grain sand	Medium
5	24.5	33.5	9	Medium to fine grain sand	Good
6	33.5	52	18.5	Medium grain sand	Good
7	52	60	8	Clay	
8	60	70	10	Medium to fine grain sand	Good
9	70	74	4	Fine sediment	Medium
10	74	77	3	Medium grain sand	Good
11	77	87	10	Clay	
12	87	101	14	Fine grain sand	Medium
13	101	165	64	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

Verified as per logs provided.
Note-Groundwater quality interpreted by firm as per their logger calibration

G.Sh
27/02/23