



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	ABDULLAPUR	DATE OF LOGGING:	09.006.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	167.66M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.541 ohm/m	Rw	0.466ohm/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	10	10	Top Soil	
2	10	21	11	Coares grain sand	Good
3	21	29	8	Medium to fine graind sand &kankar	
4	29	46	17	Fine grain sand with kankar	
5	46	58	12	Sandyclay	
6	58	77.5	19.5	Fine grain sand	Good
7	77.5	83.5	6	Fine sediment	
8	83.5	87	3.5	Fine grain sand	Good
9	87	96.5	9.5	Clay with sand	
10	96.5	103.5	7	Fine grain sand	Good
11	103.5	154	50.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

cc;

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Ayodhya
- 2.M/S PNC Infratech Limited,Barabanki

A.K.
10/06/23