



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SETHMAU	DATE OF LOGGING:	22.04.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	164.29M 162
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.521ohm/m	Rw	0.456ohm/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	35	25	Medium to fine grain sand	Good
3	35	45.5	10.5	Medium grain sand	Good
4	45.5	60	14.5	Clay with sand	
5	60	68.5	8.5	Medium to fine grain sand	Good
6	68.5	82	13.5	Clay with sand with kankar	
7	82	86	4	Fine grain sand	Medium
8	86	95.5	9.5	Clay	
9	95.5	100	4.5	Medium to fine grain sand	Good
10	100	163	63	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar
2. 100 mbel to 163mbel formation zones have deteriorated

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

Verified as per logs provided
Note: Ground water quality interpreted by firm as per their logger calibration

GSh

- 24/04/23