



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BOJA	DATE OF LOGGING:	26.05.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	156.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.481 ohm/m	Rw	0.392 ohm/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	19.5	9.5	Clay with sand	
3	19.5	24	4.5	Fine grain sand	Good
4	24	31	7	Clay with sand	
5	31	33	2	Fine grain sand with kankar	Good
6	33	50	17	Clay with sand &kankar	
7	50	54	4	Fine grain sand with kankar	Good
8	54	72	18	Clay with sand	
9	72	82	10	Medium to fine grain sand	Good
10	82	156	74	Clay with sand	

NOTE:-

1. ALL zones has intermixed with high 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

Verified as per  
logs provided

Gsh  
26/05/23