



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BANDIPUR	DATE OF LOGGING:	19.05.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	166.98 M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.503 ohm/m	Rw	0.464 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	6	6	Top Soil	
2	6	10.5	4.5	Medium grain sand	Good
3	10.5	16.5	6	Fine grain sand with kankar	Medium
4	16.5	36.5	20	Medium to fine grain sand	Good
5	36.5	42	5.5	Finesediment	
6	42	46.5	4.5	Fine grain sand	Medium
7	46.5	67	20.5	Clay with sand	
8	67	76.5	9.5	Medium to fine grain sand	Good
9	76.5	100.5	24	Clay with sand	
10	100.5	104	3.5	Fine grain sand	Medium
11	104	132	28	Clay with sand	
12	132	136	4	Fine grain sand	Deteriorated
13	136	165	29	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar
2. 132 mbgl to 136mbgl formation zone has 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 - Groundwater
quality interpreted by
firm as per their
logger calibration

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C.C.