



## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	CHHATENAGARHI	DATE OF LOGGING:	22.06.2023
BLOCK:	DEWA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	164.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.434 ohm/m	Rw	0.326ohm/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	4	4	Top Soil	
2	4	20	16	Clay with sand	
3	20	36	16	Medium to fine graind sand &kankar	Good
4	36	48.5	12.5	Medium grain sand with kankar	
5	48.5	57	8.5	Medium to fine graind sand &kankar	
6	57	64	7	Fine sediment	
7	64	80	16	Medium grain sand with kankar	Good
8	80	93	13	Clay with sand	
9	93	105.5	12.5	Medium to fine graind sand &kankar	Good
10	105.5	115.5	10	Clay with sand	
11	115.5	120	4.5	Fine grain sand	Good
12	120	164	44	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided

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

GSh  
22/06/23  
Note - Sr NO9 - 93-97 (4m)  
and 100-106 (6m)

GSh  
22/06/23