



# MINING ASSOCIATES PVT. LTD.

## GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MIYAPUR	DATE OF LOGGING:	15.04.2023
BLOCK:	DEWA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.69M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.516ohm\m	Rw	0.432ohm\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	5	5	Top Soil	
2	5	16	11	Fine grain sand with kankar	Medium
3	16	23.5	7.5	Clay	
4	23.5	37	13.5	Mediam to fine grain sand	Good
5	37	46	9	Fine sediment	
6	46	48	2	Fine grain sand	Medium
7	48	55	7	Clay	
8	55	64.5	9.5	Fine grain sand	Medium
9	64.5	73.5	9	Mediam to fine grain sand	Good
10	73.5	82	8.5	Mediam grain sand	Good
11	82	90.5	8.5	Clay	
12	90.5	95.5	5	Mediam grain sand	Good
13	95.5	107.5	12	Fine grain sand	Medium
14	107.5	130.5	23	Clay with sand	
15	130.5	148	17.5	Fine grain sand	Deteriorated
16	148	164	16	Clay with sand	

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

G.Sh  
17/05/23