MAPL

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TINDOLA	**DATE OF LOGGING:**	06.04.2023
BLOCK:	DEWA	**DRILLING DEPTH:**	167.00 M
STATE:	UTTAR PRADESH	**LOGGING DEPTH:**	165.39M
ENGG:	ASHOK KUMAR	**LOGGING COMPANY:**	Mining Associates Pvt. Ltd.
Rm	0.546ohm/m	**Rw**	0.431ohm/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	15	9	Fine grain sand	Medium
3	15	20	5	Fine sediment	
4	20	25.5	5.5	Medium to fine grain sand	Good
5	25.5	47	21.5	Clay with sand	
6	47	52	5	Fine grain sand	Medium
7	52	62	10	Fine sediment	
8	62	80	18	Medium to fine grain sand	Good
9	80	88	8	Clay with sand	
10	88	92	4	Fine grain sand	Medium
11	92	109	17	Clay with sand	
12	109	120	11	Fine grain sand	Deteriorate
13	120	164	44	Clay with sand	

NOTE:- 1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar

Geophysicist

CC;

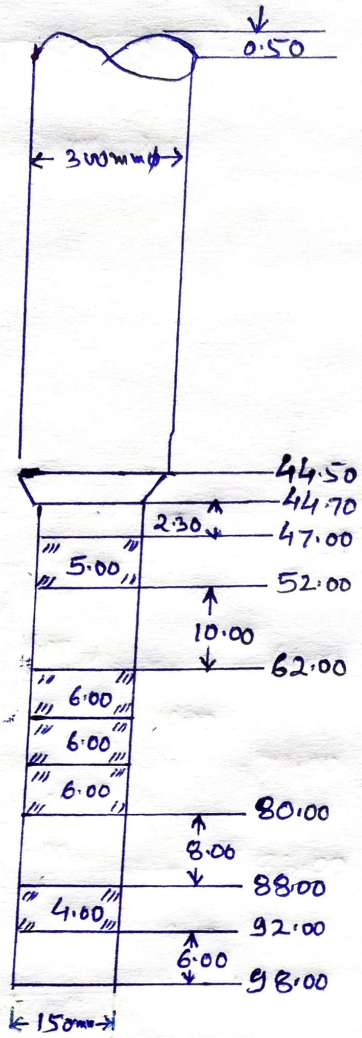
1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Ayodhya

2.M/S PNC Infratech Limited,Barabanki

Verified as per logs provided.
Note: Groundwater quality interpreted by firm as per their logger calibration

07/04/23

Proposed Tw Assemebly chart Tindola W/s scheme block Dewa Dist Barabanki



1- Discharge 1000 LPM
2- Motor HP 17.5 HP
3- Assembly size 300 x 150mm ϕ
4- Bore ϕ 600 x 450mm ϕ
5- Logging Report dt 6-4-23

1- 0 – 6 = 6 Top Soil
2- 6 – 15 = 9 Fine grain sand
3- 15 – 20 = 5 Fine sediment
4- 20 – 25.5 = 5.5 Medium to fine sand
5- 25.5 – 47 = 21.5 clay with sand
5 – 6- 47 – 52 = 5 Fine grain sand
7- 52 – 62 = 10 Fine sediment
18 – 8- 62 – 80 = 18 Medium to fine sand
9- 80 – 88 = 8 clay with sand
4 – 10- 88 – 92 = 4 Fine grain sand
11- 92 – 109 = 17 clay with sand
X – 12- 109 – 120 = 11 Fine grain sand
13- 120 – 164 = 44 clay with sand