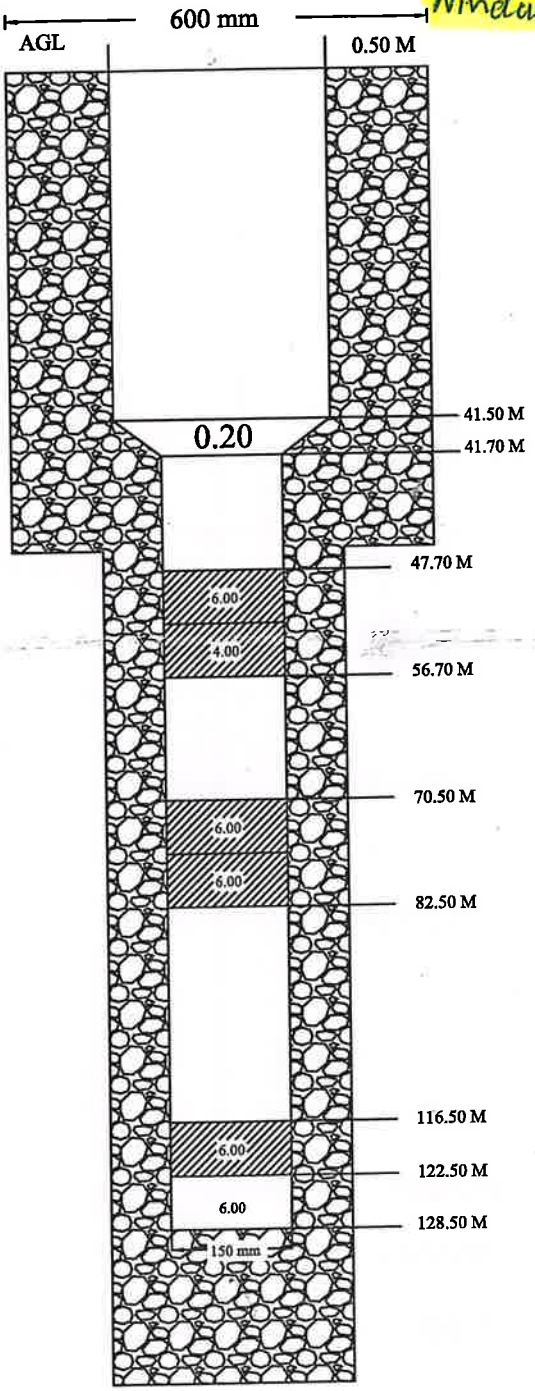
PROPOSED T.W. ASSEMBLY CHART OF BASARA W/S SCHEME
BLOCK - ~~DEWA~~ Nindaura, DIST. - BARABANKI



Discharge - 650 LPM
Assembly Size - 300 X 150 mm Ø
Bore - 600 X 450 mm Ø
Logging Date : (14-12-2023)
Lowering Date : (15-11-2023)

Sl. No.	Depth		Thickness (m)	Inferred Lithology
	From (m)	To (m)		
1	0	10	10	Top Soil
2	10	28	18	Fine grain sand
3	28	36.5	8.5	Clay
4	36.5	58.5	22	Medium grain sand
5	58.5	70	11.5	Clay with sand
6	70	84.5	14.5	Medium to fine grain sand
7	84.5	98.5	14	Clay with sand
8	98.5	123	24.5	Medium to fine grain sand
9	123	164	41	Clay with sand

1. 300 mm Ø Plain Pipe	42.00 m
2.150 mm Ø Plain Pipe	58.80 m
3.150 mm Ø Slotted Pipe	28.00 m
4. Reducer	0.20 m
5. Total Lowering	129.00 m
6. A.G.L.	0.50 m
7. B.G.L.	128.50 m

PNC-SPML JV
PNC Tower 3/22 - D
CIVIL LINE
Agra

PNC-SPML J.V. BARABANKI

SPML

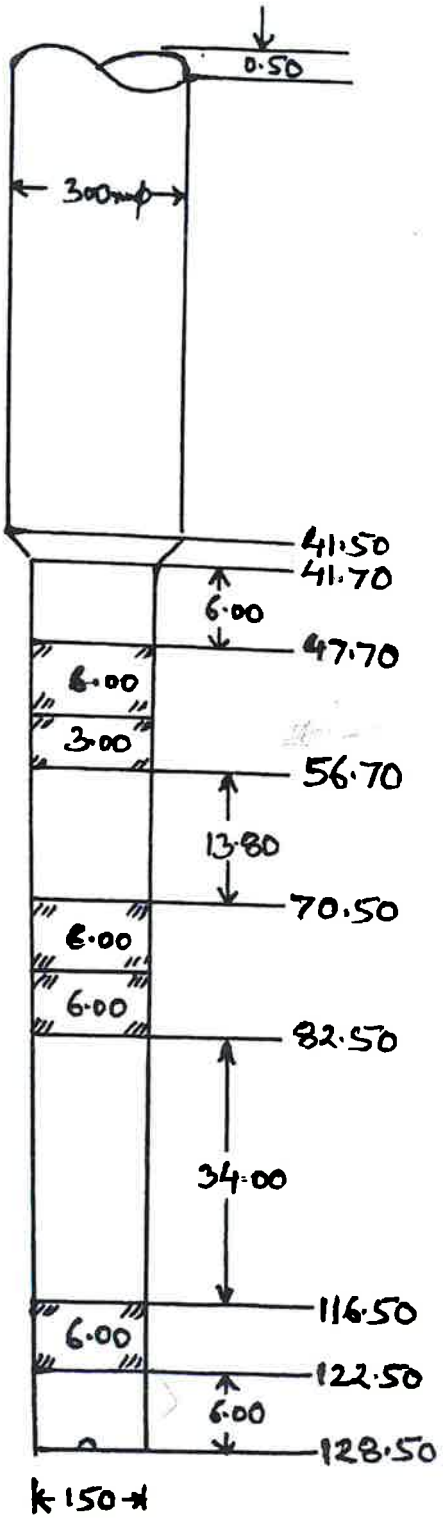
JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

Proposed TW Assembly chart At- Basara W/s scheme block Nindura

Distt-Barabanki



1- Discharge- 650 LPM

2. Motor HP- 12.5 HP

3. Assembly size- 300 x 150

4. Bore ϕ = 600 x 450

5. Logging Report dt-14-12

1. 10 - 28 = 18 good

9 - 2. 36.5 - 58.5 = 22 good

12 - 3. 70 - 84.5 = 14.5 good

6 - 4. 98.5 - 123 = 24.5 good

MAPL

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BASARA	**DATE OF LOGGING:**	14.12.2023
BLOCK:	NINDAURA	**DRILLING DEPTH:**	167.00 M
STATE:	UTTAR PRADESH	**LOGGING DEPTH:**	164.00M
ENGG:	ASHOK KUMAR	**LOGGING COMPANY:**	Mining Associates Pvt. Ltd.
Rm	10.8 ohm.m	**Rw**	12.3 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	28	18	Fine grain sand	Good
3	28	36.5	8.5	Clay	
4	36.5	58.5	22	Medium grain sand	Good
5	58.5	70	11.5	Clay with sand	
6	70	84.5	14.5	Medium to fine grain sand	Good
7	84.5	98.5	14	Clay with sand	
8	98.5	123	24.5	Medium to fine grain sand	Good
9	123	164	41	Clay with sand	

NOTE:- 1. ALL zones have 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