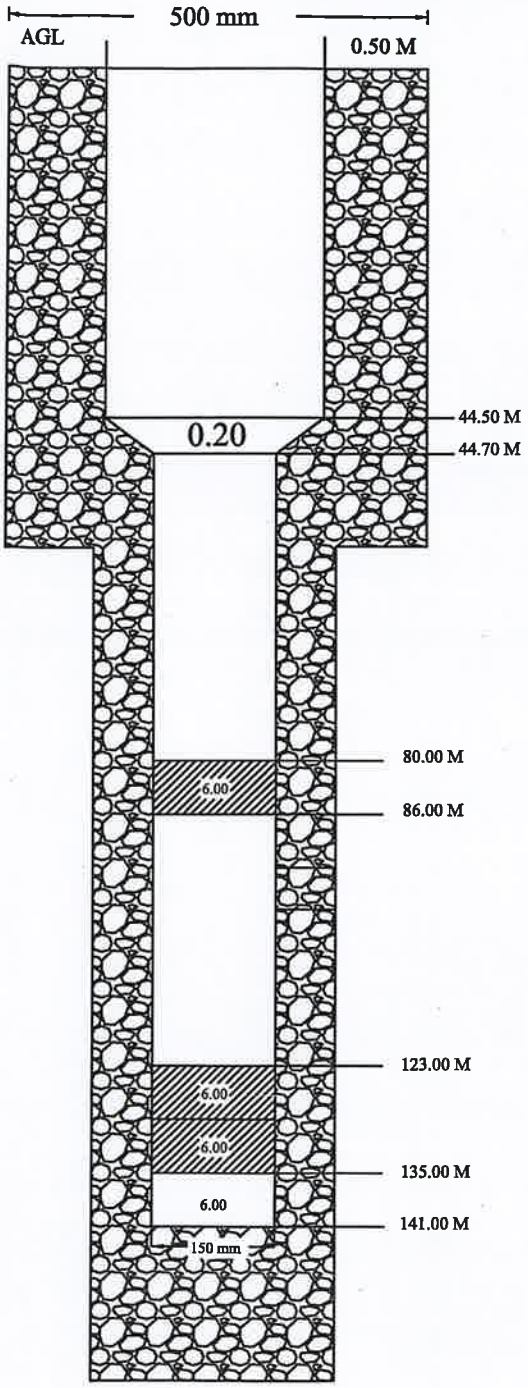
PROPOSED T.W. ASSEMBLY CHART OF KASGAON W/S SCHEME
BLOCK - NINDAURA, DIST. - BARABANKI



Discharge - 390 LPM
Assembly Size - 200 X 150 mm Ø
Bore - 500 X 450 mm Ø
Logging Date : (10-12-2023)
Lowering Date : (11-12-2023)

Sl. No.	Depth		Thickness (m)	Inferred lithology
	From (m)	To (m)		
1	0	10	10	Top Soil
2	10	30	20	Medium to fine grain sand
3	30	35.5	5.5	Clay
4	35.5	51.5	16	Medium to fine grain sand
5	51.5	80	28.5	Clay with sand
6	80	86.5	6.5	Medium to fine grain sand
7	86.5	108.5	22	Clay with sand
8	108.5	140	31.5	Medium to fine grain sand
9	140	163	23	Clay with sand

1. 200 mm Ø Plain Pipe	45.00 m
2.150 mm Ø Plain Pipe	78.30 m
3.150 mm Ø Slotted Pipe	18.00 m
4. Reducer	0.20 m
5. Total Lowering	141.50 m
6. A.G.L.	0.50 m
7. B.G.L.	141.00 m

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

JUNIOR ENGINEER

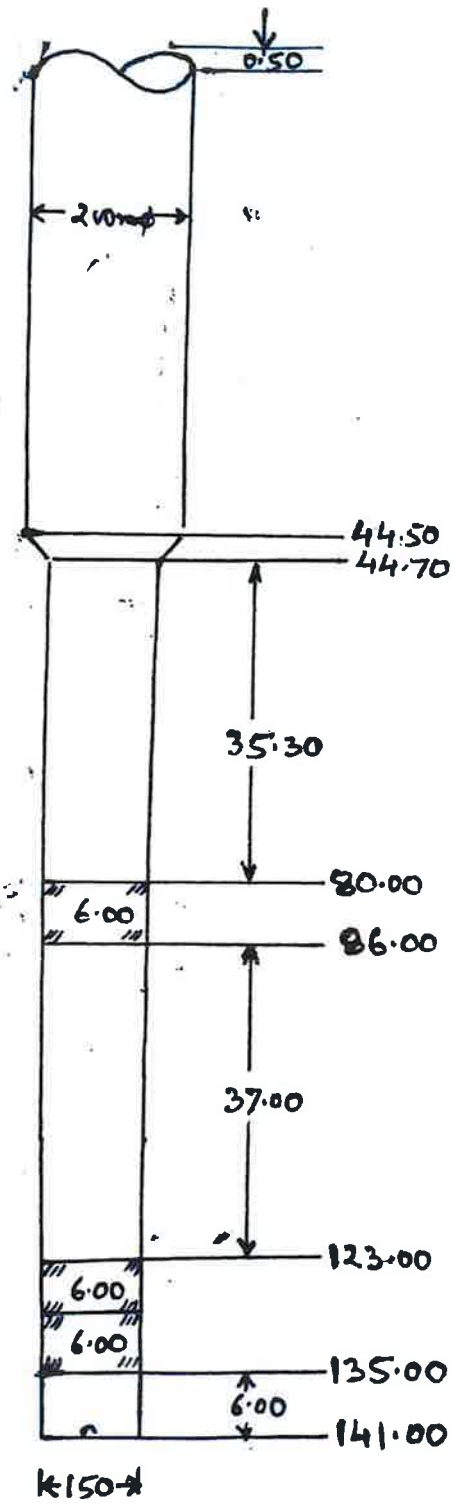
ASSISTANT ENGINEER

EXECUTIVE ENGINEER

Proposed T/w Assembly chart of Kasgaon W/s scheme
block Nindaura
distt- Barabanki

1. Discharge - 3904
2. Motor HP - 7.5HP
3. Assembly size - 200x1
4. Bore ø = 500x45
5. Logging Report dt-10.1

1- 10 — 30 = 20 g
2- 35.5 — 51.5 = 16 g
3- 80 — 86.5 = 6.5 g
4- 108.5 — 140 = 31.5 g



MAPL

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	KASGAON	DATE OF LOGGING:	10.12.2023
BLOCK:	NINDAURA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	11.4 ohm.m	Rw	12.9 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	30	20	Medium to fine grain sand	Good
3	30	35.5	5.5	Clay	
4	35.5	51.5	16	Medium to fine grain sand	Good
5	51.5	80	28.5	Clay with sand	
6	80	86.5	6.5	Medium to fine grain sand	Good
7	86.5	108.5	22	Clay with sand	
8	108.5	140	31.5	Medium to fine grain sand	Good
9	140	163	23	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