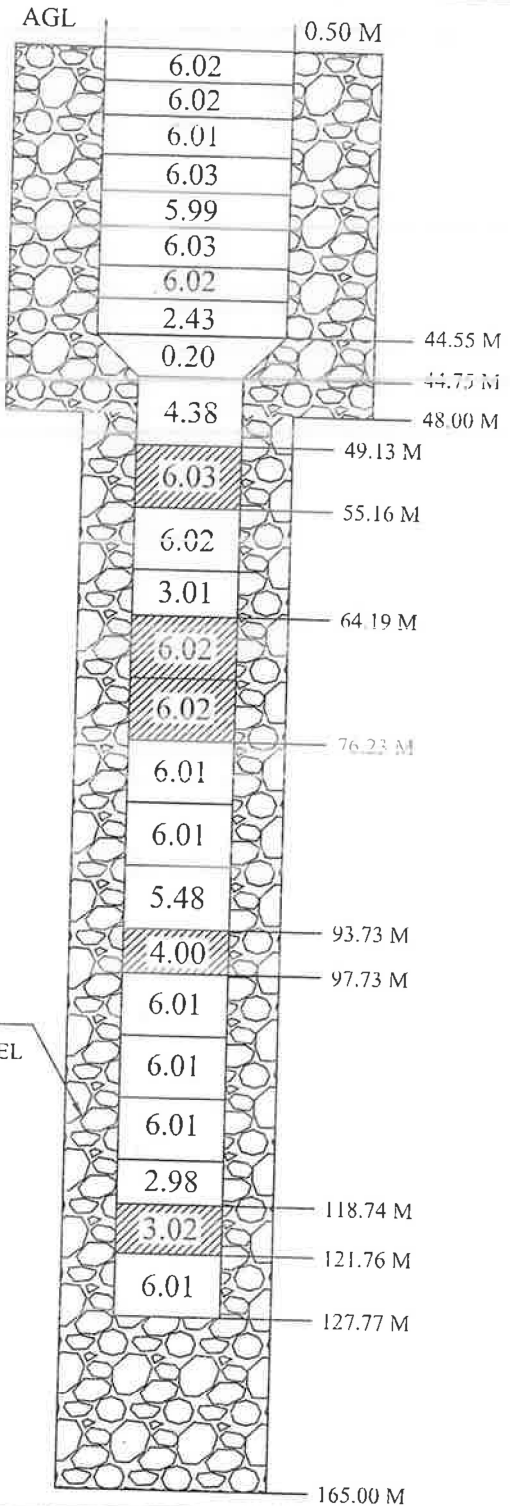




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : MAUTHARI
 NAME OF COMPANY : PNC-SPML JV

BLOCK : BANKI
 DISTRICT : BARABANKI



1.	BORE SIZE	600 X 450 500 X 450 mm
2.	ASSEMBLY SIZE	200 X 150 mm 300 X 150
3.	DRILLING DEPTH	165 m
4.	LOGGING DEPTH	159.08 m
5.	DATE OF LOGGING	10-02-2023
6.	DATE OF LOWERING	12-02-2023
7.	REQUIRED DISCHARGE	520 LPM

LOGGING REPORT

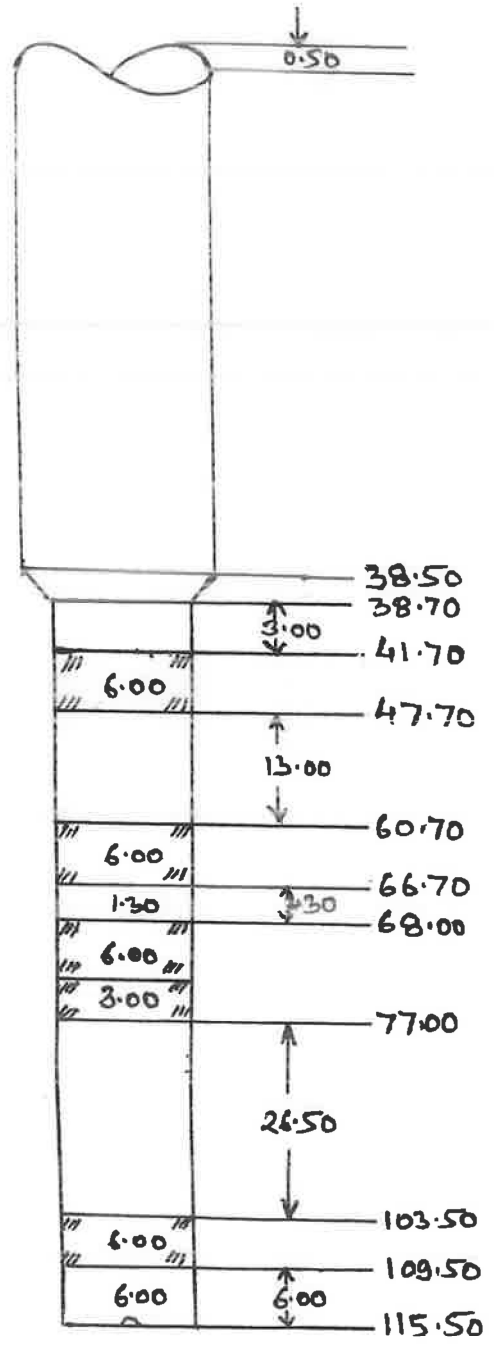
S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	21-49	28	GOOD
2.	68-77	9	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 200 ³⁰⁰ mm PLAIN PIPE	45.05
2.	TOTAL 150 mm PLAIN PIPE	58.13
3.	TOTAL 150 mm SLOTTED PIPE	25.09
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	128.27
6.	AGL	0.50
7.	BGL	127.77

PREPARED BY PNC-SPML JV	CHECKED BY <i>[Signature]</i> JUNIOR ENGINEER	RECOMMENDED BY <i>[Signature]</i> ASSISTANT ENGINEER	APPROVED BY <i>[Signature]</i> EXECUTIVE ENGINEER
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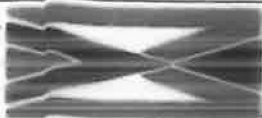
Proposed TW Assembly chart at Mauthari w/s scheme block Banki

Distt Barabanki



- Discharge = 990 LPM
 Motor HP = 17.5 HP
 Assembly size = 300 x 150
 Bore ϕ = 600 x 450
 Logging Report dt. 10-2
- 1- 0-8 = 8 Topsoil
 - 2- 8-21 = 13 clay with sand
 - 3- 21-49 = 28 medium to fine
 - 4- 49-60 = 11 clay with sand
 - 5- 60-68 = 8 Fine grain sand
 - 6- 68-77 = 9 medium to fine
 - 7- 77-103 = 26 clay with sand
 - 8- 103-110 = 7 Fine grain sand
 - 9- 110-158 = 48 clay with sand

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MAUTHARI	DATE OF LOGGING:	10.02.2023
BLOCK:	BANKI	DRILLING DEPTH:	165.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	159.08.46M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.479ohm/m	Rw	0.398ohm/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	8	8	Top Soil	
2	8	21	13	Clay with sand	
3	21	49	28	Medium to fine grain sand	Good
4	49	60	11	Clay with sand	
5	60	68	8	Fine grain sand	Medium
6	68	77	9	Medium to fine grain sand	Good
7	77	103	26	Clay with sand	
8	103	110	7	Fine grain sand	Medium
9	110	158	48	Clay with sand	

NOTE:-

1. ~~ALL~~ zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Aditya Kumar
Geophysicist

Verified as per logs provided

Note - Groundwater quality interpreted by firm as per their logger calibration

92h
13/07/23