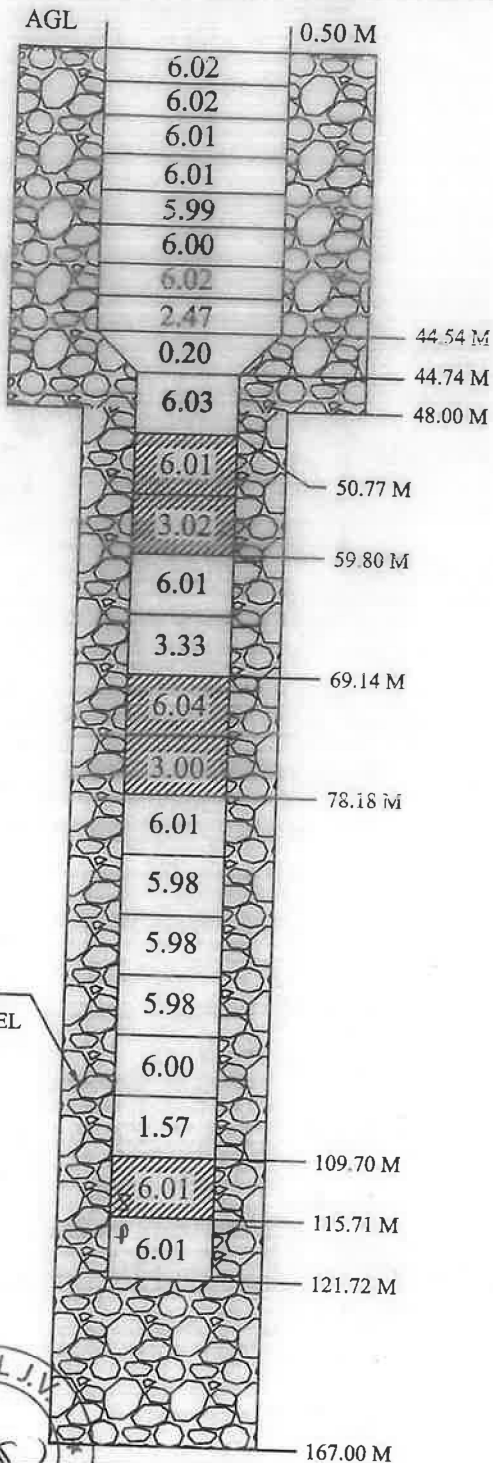




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

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

BLOCK : MASALI
 DISTRICT : BARABANKI



1.	BORE SIZE	500 X 450 mm
2.	ASSEMBLY SIZE	200 X 150 mm
3.	DRILLING DEPTH	167 m
4.	LOGGING DEPTH	165.47 m
5.	DATE OF LOGGING	05-04-2023
6.	DATE OF LOWERING	07-04-2023
7.	REQUIRED DISCHARGE	570 LPM

LOGGING REPORT

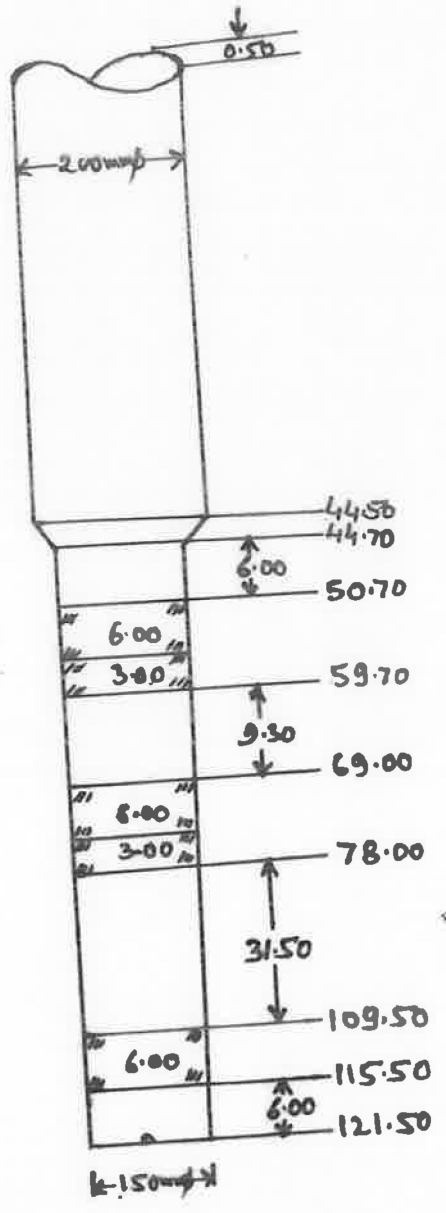
S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	4-9	5	GOOD
2.	24-60	36	GOOD
3.	68.5-84	15.5	GOOD
4.	84-116	32	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 200 mm PLAIN PIPE	45.04
2.	TOTAL 150 mm PLAIN PIPE	53.10
3.	TOTAL 150 mm SLOTTED PIPE	24.08
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	122.22
6.	AGL	0.50
7.	BGL	121.72

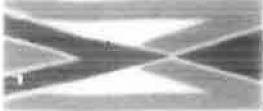


PREPARED BY PNC-SPML JV	 CHECKED BY JUNIOR ENGINEER	 RECOMMENDED BY ASSISTANT ENGINEER	 APPROVED BY EXECUTIVE ENGINEER
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Proposed TW Assembly chart of Amdaha w/s scheme block Masauli dist. Barabanki



1. Discharge 570 LPM
 2. Motor HP 12.5 HP
 3. Assembly type 200 x 150mm
 4. Bore dia 500 x 450mm
 5. Logging Report dt - 5-4-2
-
- 1- 0-4=4 Top soil
 - 2- 4-9=5 Medium grain
 - 3- 9-16=7 Fine grain
 - 4- 16-24=8 Fine silt
 - ✓ 5- 24-60=36 Medium to f
 - 6- 60-68=8 clay
 - ✓ 7- 68-84=15.5 Medium grain
 - ✓ 8- 84-116=32 Medium to f
 - 9- 116-124=8 Fine grain
 - 10- 124-156=31.5 clay to f
 - 11- 156-164=8 Fine grain



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	AMDAHA	DATE OF LOGGING:	05.04.2023
BLOCK:	MASALI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.47M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.401ohm/m	Rw	0.378ohm/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	4	4	Top Soil	
2	4	9	5	Medium grain sand	Good
3	9	16	7	Fine grain sand	Medium
4	16	24	8	Fine sediment	
5	24	60	36	Medium to fine grain sand	Good
6	60	68.5	8.5	Clay	
7	68.5	84	15.5	Medium grain sand	Good
8	84	116	32	Medium to fine grain sand	Good
9	116	124.5	8.5	Fine grain sand	Medium
10	124.5	156	31.5	Clay with sand	
11	156	164	8	Fine grain sand	Medium

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per Mining Associates Pvt. Ltd.
logs provided. Ashok Kumar
Geophysicist

CC;

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Ayodhya
- 2.M/S PNC Infratech Limited,Barabanki

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

G.Sh
06/04/23