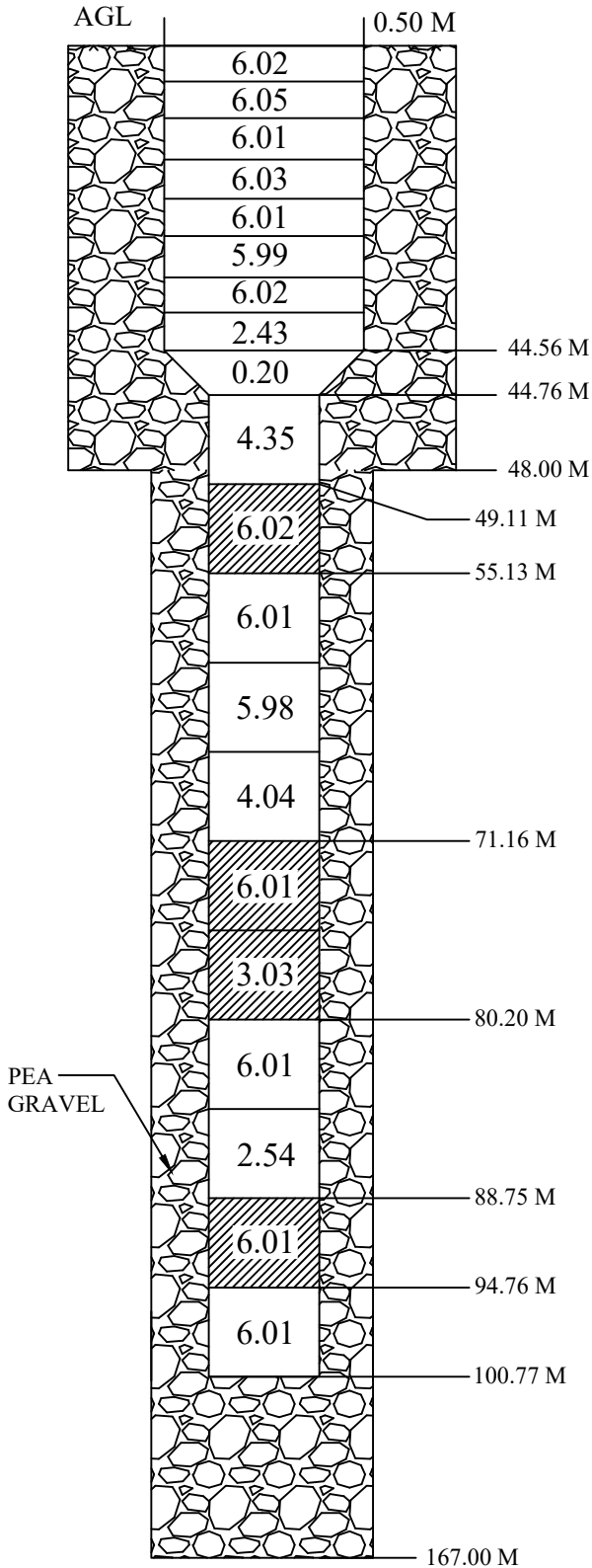




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

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

BLOCK : HARAKH
 DISTRICT : BARABANKI



1.	BORE SIZE	500 X 450 mm
2.	ASSEMBLY SIZE	200 X 150 mm
3.	DRILLING DEPTH	167.00 m
4.	LOGGING DEPTH	158.00 m
5.	DATE OF LOGGING	10-06-2023
6.	DATE OF LOWERING	11-06-2023
7.	REQUIRED DISCHARGE	490 LPM

LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	16-25	9	GOOD
2.	34-40	6	GOOD
3.	48-56	8	GOOD
4.	71-80	9	GOOD
5.	88-95	7	GOOD
6.	140-148	8	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 200 mm PLAIN PIPE	45.06
2.	TOTAL 150 mm PLAIN PIPE	35.14
3.	TOTAL 150 mm SLOTTED PIPE	21.07
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	101.27
6.	AGL	0.50
7.	BGL	100.77

PREPARED BY PNC-SPML JV	CHECKED BY JUNIOR ENGINEER	RECOMMENDED BY ASSISTANT ENGINEER	APPROVED BY EXECUTIVE ENGINEER
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GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MANPUR	DATE OF LOGGING:	13.06.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	158.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.503 ohm/m	Rw	0.460 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	16	6	Sandy clay	
3	16	25	9	Fine grain sand	Good
4	25	34	9	Clay with sand	
5	34	40	6	Fine grain sand	Good
6	40	48	8	Clay with sand	
7	48	56	8	Fine grain sand	Good
8	56	71	15	Clay with sand	
9	71	80	9	Fine grain sand	Good
10	80	87	7	Clay with sand	
11	87 87 88	95	8 7	Fine grain sand	Good
12	95	140	45	Clay with sand	
13	140	148	8	Fine grain sand	Good
14	148	158	10	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided.

C.S.H
13/06/23

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
Geophysicist

cc;

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