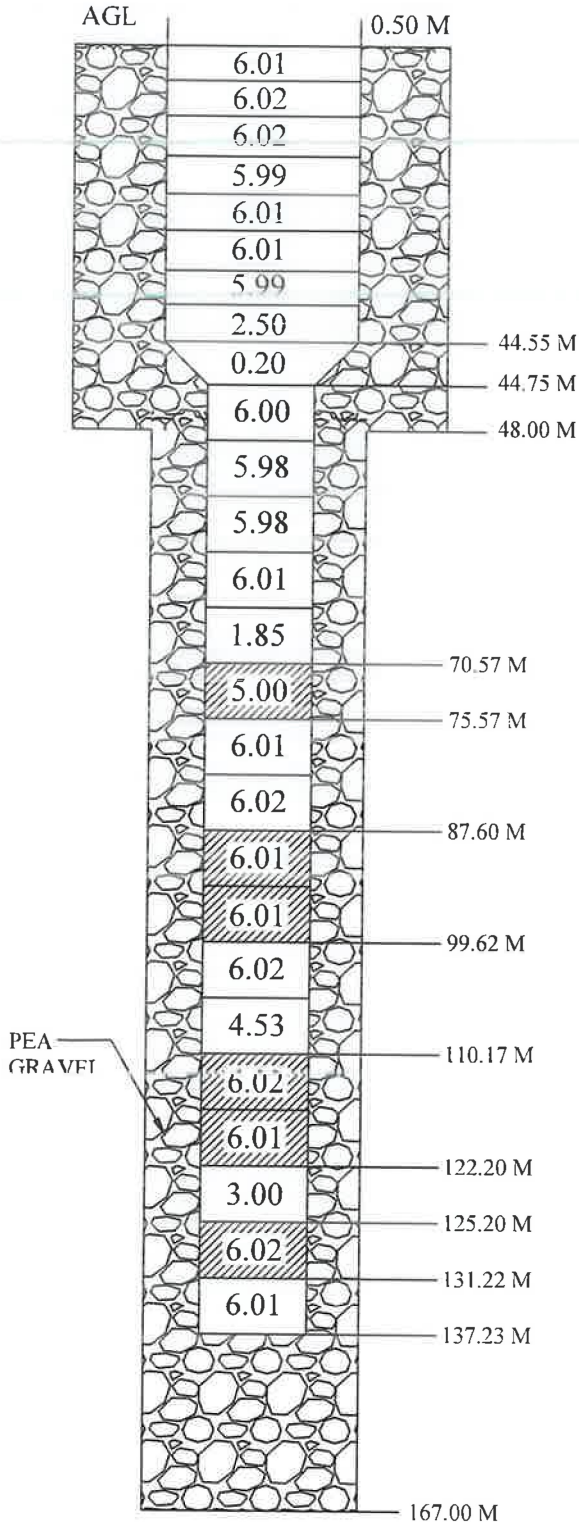




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

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

BLOCK : BANKI
 DISTRICT : BARABANKI



1.	BORE SIZE	500 X 450 mm
2.	ASSEMBLY SIZE	300 X 200 mm
3.	DRILLING DEPTH	167 m
4.	LOGGING DEPTH	165.08 m
5.	DATE OF LOGGING	28-04-2023
6.	DATE OF LOWERING	29-04-2023
7.	REQUIRED DISCHARGE	1280 LPM

LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	39.5-50.5	11	GOOD
2.	70.5-75.5	5	GOOD
3.	87-96	9	GOOD
4.	96-103	7	GOOD
5.	109.5-132.5	23	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	45.05
2.	TOTAL 200 mm PLAIN PIPE	57.61
3.	TOTAL 200 mm SLOTTED PIPE	35.07
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	137.73
6.	AGL	0.50
7.	BGL	137.23

	PREPARED BY PNC-SPML JV	CHECKED BY JUNIOR ENGINEER	RECOMMENDED BY ASSISTANT ENGINEER



GEOPHYSICAL DIGITAL LOGGING REPORT

WTE:	SURSANDA	DATE OF LOGGING:	28.04.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.08M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.523 ohm/m	Rw	0.479 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	3	3	Top Soil	
2	3	39.5	36.5	Fine grain sand	Medium
3	39.5	50.5	11	Medium grain sand	Good
4	50.5	59.5	9	Fine grain sand	Medium
5	59.5	70.5	11	Clay with sand	
6	70.5	75.5	5	Medium to fine grain sand	Good
7	75.5	87	11.5	Clay with sand	
8	87	96	9	Medium to fine grain sand	Good
9	96	103	7	Medium grain sand	Good
10	103	108.5	6.5	Clay	
11	108.5	132.5	23	Medium to fine grain sand	Good
12	132.5	143.5	11	Clay with sand	
13	143.5	160	16.5	Sandy clay	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided.

For Mining Associates Pvt. Ltd
B. Bhaskar Rao
Geophysicist

CC:

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

G. Gh
29/04/23