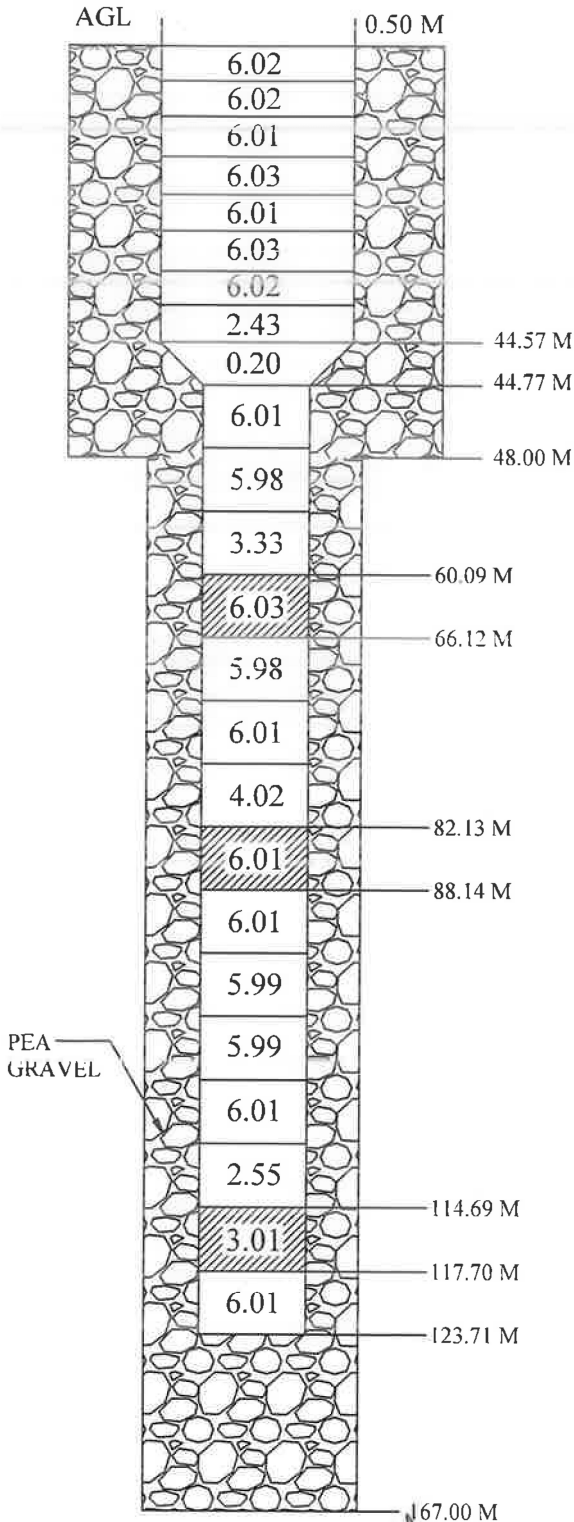




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : MUBARAKPUR
 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	163.00 m
5.	DATE OF LOGGING	04-06-2023
6.	DATE OF LOWERING	06-06-2023
7.	REQUIRED DISCHARGE	110 LPM

LOGGING REPORT

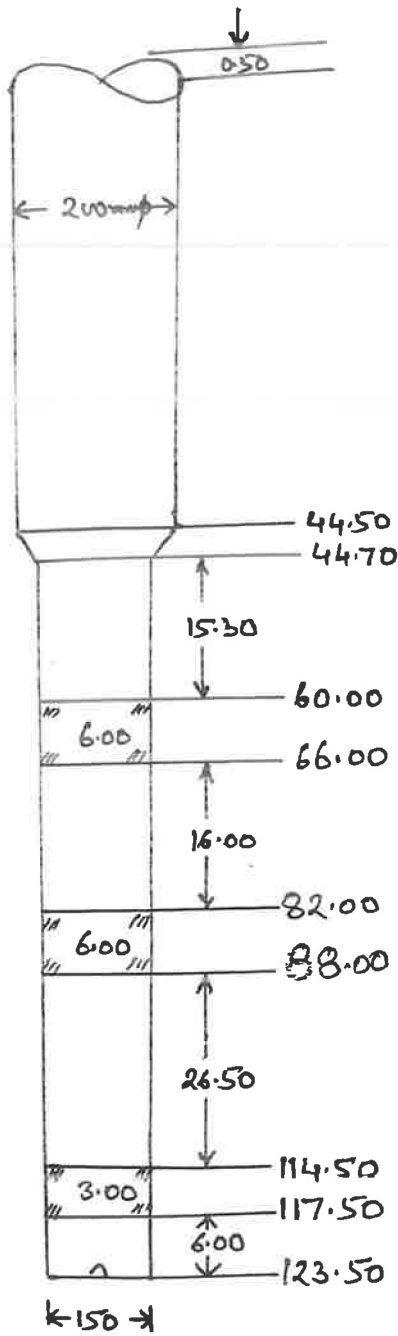
S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	28-33	5	GOOD
2.	36.5-41.5	5	GOOD
3.	58.5-70.5	12	GOOD
4.	80-90	10	GOOD
5.	96.5-103	6.5	GOOD
6.	114-124	10	GOOD
7.	128-132.5	4.5	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	45.07
2.	TOTAL 150 mm PLAIN PIPE	64.09
3.	TOTAL 150 mm SLOTTED PIPE	15.05
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	124.21
6.	AGL	0.50
7.	BGL	123.71

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



Proposed T/w Assembly chart of Mubark pur w/s scheme block Harak Distt Barabanki



1. Discharge 110 LPM
2. Motor 2HP - 7.5HP
3. Assembly size 200x150
4. Bore $\phi = 500 \times 450$
5. Logging Report of 4-6-23

- 3 - 28 - 33 = 5 Medium grain
- 5 - 36.5 - 41.5 = 5 Medium to fine
- 6 - 7 - 58.5 - 70.5 = 2 Fine grain
- 6 - 9 - 80 - 90 = 10 Fine grain
- 11 - 96.5 - 103 = 6.5 Fine grain
- 3 - 13 - 114 - 124 = 10 Medium to fine



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MUBARKPUR	DATE OF LOGGING:	04.06.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.475 ohm/m	Rw	0.432 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	28	18	Clay with sand	
3	28	33	5	Medium grain sand	Good
4	33	36.5	3.5	Fine sediment	
5	36.5	41.5	5	Medium to fine grain sand	Good
6	41.5	58.5	17	Clay with sand	
7	58.5	70.5	12	Fine grain sand	Good
8	70.5	80	9.5	Clay with sand	
9	80	90	10	Fine grain sand	Good
10	90	96.5	6.5	Clay with sand	
11	96.5	103	6.5	Fine grain sand	Good
12	103	114	11	Clay with sand	
13	114	124	10	Medium to fine grain sand - Highly k.	Good
14	124	128	4	Clay	
15	128	132.5	4.5	Fine grain sand	Good
16	132.5	163	30.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with high band of kankar

Verified as per logs provided.

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

G. Gh
05/06/23