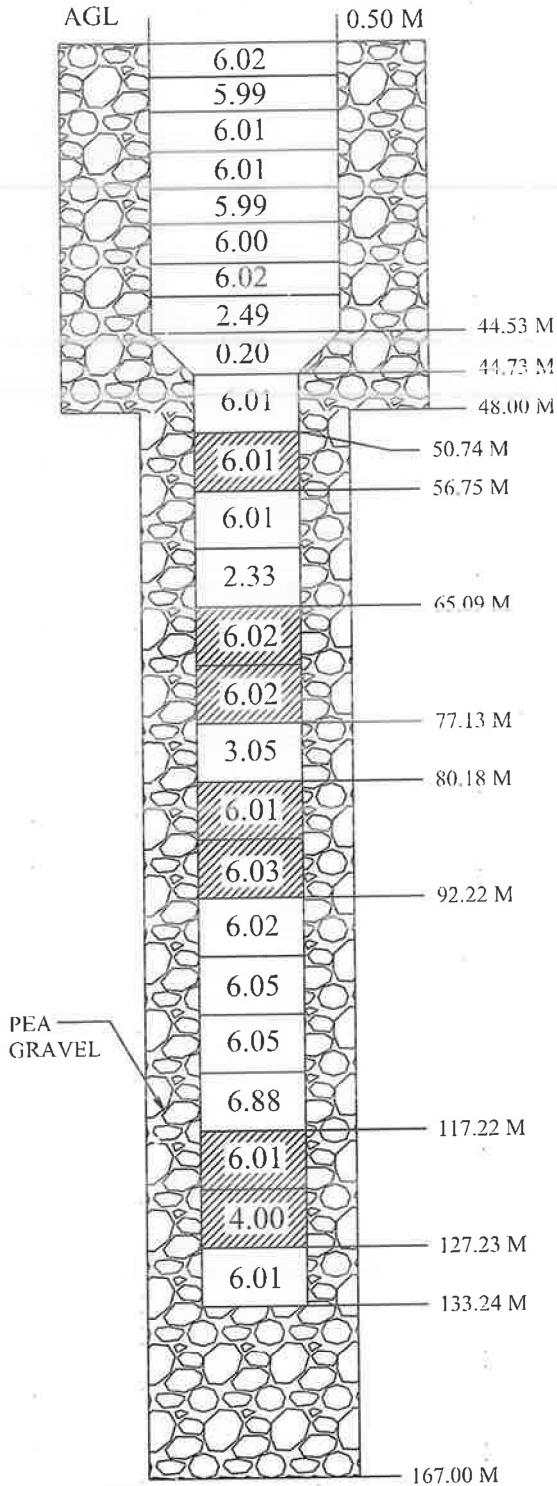




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

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

BLOCK : MASALI
 DISTRICT : BARABANKI



1.	BORE SIZE	600 X 500 mm
2.	ASSEMBLY SIZE	300 X 200 mm
3.	DRILLING DEPTH	167 m
4.	LOGGING DEPTH	159.32 m
5.	DATE OF LOGGING	09-04-2023
6.	DATE OF LOWERING	10-04-2023
7.	REQUIRED DISCHARGE	1460 LPM

LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	20-36	16	GOOD
2.	36-55	19	GOOD
3.	61.5-92	30.5	GOOD
4.	113.5-125	11.5	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	45.03
2.	TOTAL 300 mm PLAIN PIPE	48.61
3.	TOTAL 300 mm SLOTTED PIPE	40.10
4.	REDUCER 300 X 300 mm	0.20
5.	TOTAL ASSEMBLY LOWER	133.74
6.	AGL	0.50
7.	BGL	133.24

PEA GRAVEL



PREPARED BY

PNC-SPML JV

BARABANKI

CHECKED BY

JUNIOR ENGINEER

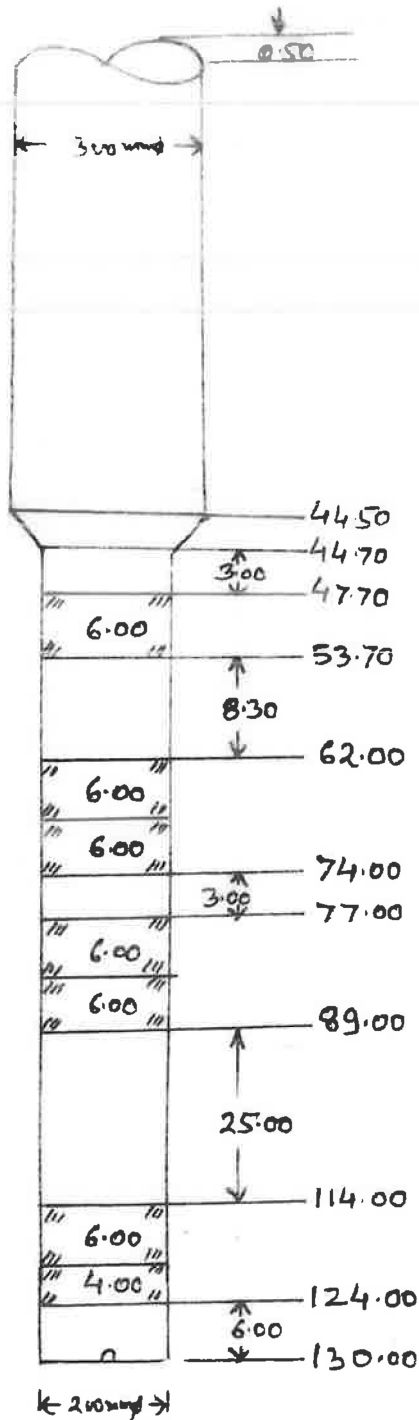
RECOMMENDED BY

ASSISTANT ENGINEER

APPROVED BY

EXECUTIVE ENGINEER

Proposed Tr Assmly chart of Sabdarang w/s scheme block Masauli Distt
Barabanki



1. Discharge 1460 Lpm
2. Motor HP 30 HP
3. Assembly size 300 x 200 mm
4. Bore ϕ 600 x 500 mm
5. Logging Report 9-4-23

- 1 - 0 - 7 = 7 Top soil
- 2 - 7 - 20 = 13 clay with sand
- 3 - 20 - 36 = 16 Medium to fine sand
- 6 - 4 - 36 - 55 = 19 medium grain sand
- 5 - 55 - 61.5 = 6.5 clay
- 24 - 6 - 61.5 - 92 = 30.5 Medium to fine sand
- 7 - 92 - 103 = 11 clay with sand
- 8 - 103 - 113.5 = 10.5 Sandy clay
- 10 - 9 - 113.5 - 125 = 11.5 medium to fine sand
- 10 - 125 - 151 = 26 clay with sand



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SAFDARGANJ	DATE OF LOGGING:	09.04.2023
BLOCK:	MASAUJI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	159.32M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.496ohm/m	Rw	0.406ohm/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	7	7	Top Soil	
2	7	20	13	Clay with sand	
3	20	36	16	Medium to fine grain sand	Good
4	36	55	19	Medium grain sand	Good
5	55	61.5	6.5	Clay	
6	61.5	92	30.5	Medium to fine grain sand	Good
7	92	103	11	Clay with sand	
8	103	113.5	10.5	Sandyclay	
9	113.5	125	11.5	Medium to fine grain sand	Good
10	125	151	26	Clay with sand	

NOTE:-

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

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

cc;

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

Verified as per
logs provided

G.Sh
10/04/23