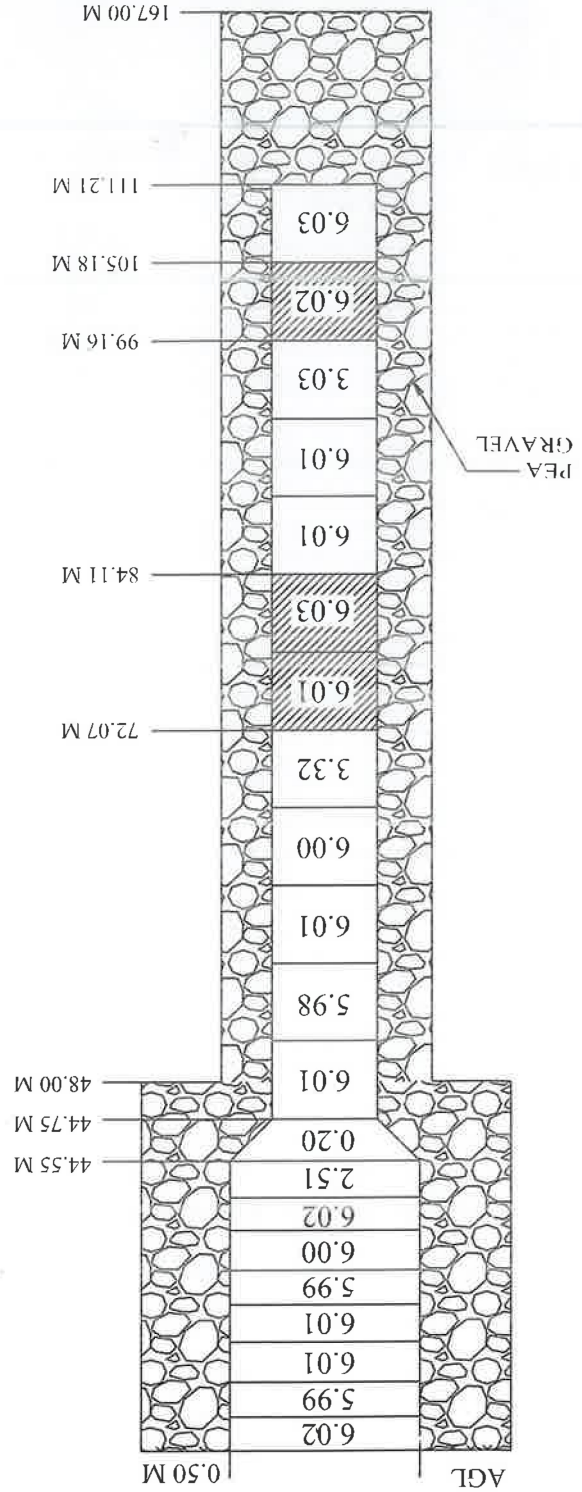




EXECUTIVE ENGINEER	ASSISTANT ENGINEER	JUNIOR ENGINEER	PREPARED BY
APPROVED BY	RECOMMENDED BY	CHECKED BY	PNC-SPML JV



S. NO	DESCRIPTION	REMARKS
1.	TOTAL 200 mm PLAIN PIPE	45.05
2.	TOTAL 150 mm PLAIN PIPE	48.60
3.	TOTAL 150 mm SLOTTED PIPE	18.06
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	111.71
6.	AGL	0.50
7.	BGL	111.21

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M.
1.	4-12.5	8.5	GOOD
2.	30-38	8	GOOD
3.	45-49	4	GOOD
4.	68.5-71.5	3	GOOD
5.	71.5-88	16.5	GOOD
6.	88-91.5	3.5	GOOD
7.	99-105.5	6.5	GOOD

LOGGING REPORT

1.	BORE SIZE	500 X 450 mm
2.	ASSEMBLY SIZE	200 X 150 mm
3.	DRILLING DEPTH	167 m
4.	LOGGING DEPTH	166.01 m
5.	DATE OF LOGGING	11-04-2023
6.	DATE OF LOWERING	12-04-2023
7.	REQUIRED DISCHARGE	460 LPM

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : SARAI HIZRA
 NAME OF COMPANY : PNC-SPML JV
 BLOCK : HARAKH
 DISTRICT : BARABANKI

STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL



Proposed To Assembly plant of Sewage Treatment w/s scheme block Harakal Distt

Barabanki

1- Discharge 460 LPM

2- Motor HP 7.5 HP

3- Assembly size 200 X 150 mm φ

4- Bore φ 500 X 450 mm φ

5- Logging Report dt 11-4-23

1 - 0 - 4 = 4 Top soil

2 - 4 - 12.5 = 8.5 Medium to fine grain

3 - 12.5 - 19 = 6.5 Fine sediment

4 - 19 - 30 = 11 Fine grain sand

5 - 30 - 38 = 8 Medium to fine grain

6 - 38 - 45 = 7 Fine sediment

7 - 45 - 49 = 4 Medium grain sand

8 - 49 - 68.5 = 19.5 Clay with sand

9 - 68.5 - 71.5 = 3 Medium to fine grain

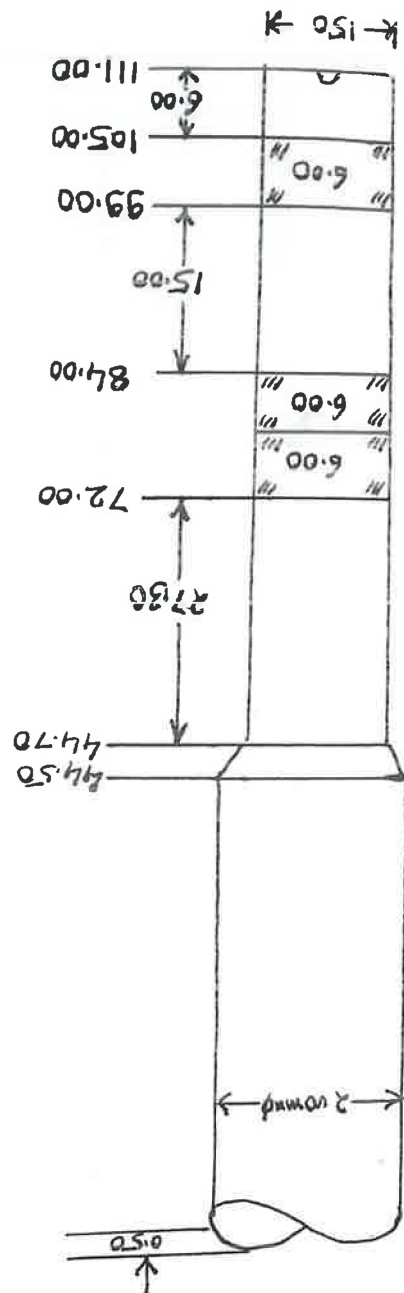
10 - 71.5 - 88 = 16.5 Medium grain sand

11 - 88 - 91.5 = 3.5 Medium to fine grain

12 - 91.5 - 99 = 7.5 Fine sediment

13 - 99 - 105.5 = 6.5 Medium to fine grain

14 - 105.5 - 165 = 59.5 Clay with sand



13/04/23
G.S.R

Verified as per logs provided.
Note: Groundwater quality interpreted by firm as per their loggers calibration.

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


CC:

For Mining Associates Pvt. Ltd.
Geophysicist

NOTE: 1. All zones has intermixed with thin band of kanakar

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	4	4	Top Soil	
2	4	12.5	8.5	Medium to fine grain sand & kanakar	Good
3	12.5	19	6.5	Fine sediment	
4	19	30	11	Fine grain sand	Medium
5	30	38	8	Medium to fine grain sand	Good
6	38	45	7	Fine sediment	
7	45	49	4	Medium grain sand	Good
8	49	68.5	19.5	Clay with sand	
9	68.5	71.5	3	Medium to fine grain sand	Good
10	71.5	88	16.5	Medium grain sand	Good
11	88	91.5	3.5	Medium to fine grain sand	Good
12	91.5	99	7.5	Fine sediment	
13	99	105.5	6.5	Medium to fine grain sand	Good
14	105.5	165	59.5	Clay with sand	

MINING ASSOCIATES PVT. LTD.



MAPL

SRAT HIZRAH

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	LAKHIMPUR
BLOCK:	HARAKH
STATE:	UTTAR PRADESH
ENG:	ASHOK KUMAR
LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.516ohm/m
DISTRICT	BARABANKI
Rw	0.487ohm/m
DATE OF LOGGING:	11.04.2023
DRILLING DEPTH:	167.00 M
LOGGING DEPTH:	166.01M

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