



# STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL



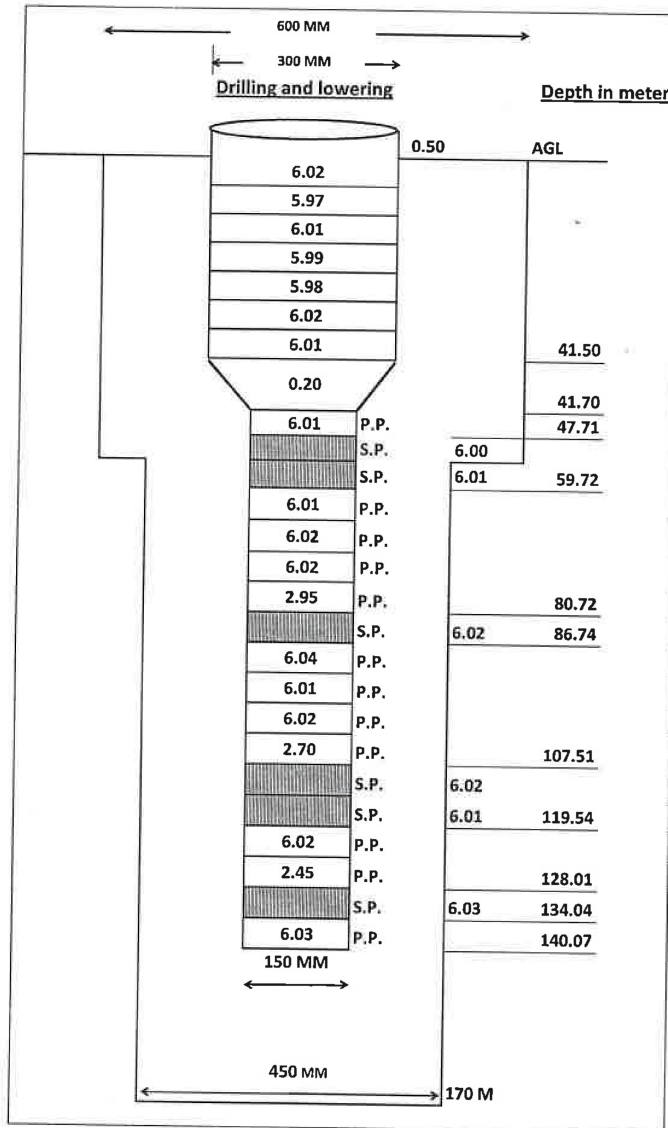
NAME OF SCHEME :- CHANDWAL & SARHEMAU

BLOCK :- FATEHPUR

NAME OF SITE :- CHANDWAL & SARHEMAU

DISTRICT :- BARABANKI

NAME OF COMPANY :- PNC-SPML JV



1	BORE SIZE	=	600*450 MM
2	ASSEMBLY SIZE	=	300*150 MM
3	DRILLING DEPTH	=	165 MTR
4	LOGGING DEPTH	=	165 MTR
5	DATE OF LOGGING	=	14.01.2024
6	DATE OF LOWERING	=	15.01.2024
7	REQUIRED DISCHARGE	=	880 LPM

LOGGING REPORT			
S. NO.	DEPTH RANGE (Mbgl)	Thickness (M)	Remarks (Quality of formation Water)
1	42-60	18	GOOD
2	80-89	9	GOOD
3	105-120	15	GOOD
4	128-134	6	GOOD
5	143-149	6	GOOD
6	158-163	5	GOOD

S. NO.	DESCRIPTION	REMARKS
1	Total 300 mm plain pipe	42.00
2	Total 150 mm plain pipe	62.28
3	Total 150 mm slotted pipe	36.09
4	Reducer 300mm X 150 mm	0.20
5	Total Assembly lower	140.57
6	AGL	0.50
7	BGL	140.07



PREPARED BY

PNC SPML - JV

*[Signature]*

CHECKED BY

JR. ENGINEER

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RECOMMENDED BY

ASS. ENGINEER

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APPROVED BY

EXECUTIVE ENGINEER



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 15-01-15/ SURYA/2024

Date: 15 Jan 2024

## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

**Site Location** : Vill – Sahemau Block – Fatehpur  
**District** : Barabanki  
**Drilled Depth** : 165 m  
**Borehole drilled by** : Bala Ji Borewell Drilling.  
**Logged Depth** : 165 m bgl  
**Date of Logging** : 14 Jan 2024, 20:20 hrs  
**Rm & Rsw** : 16.3  $\Omega$ -m & 17.1  $\Omega$ -m  
**Lat. & Long.** : 27.505240 & 82.414958.

Based on interpretation of presented geophysical logs (S.P, Short Normal N16", Long Normal N64" and Lateral 6"), the location of comparatively suitable granular zones is as mentioned below –

Ser No	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1.	10	16	6	Good
2.	27	33	6	Good
3.	42	60	18	Good
4.	80	89	9	Good
5.	105	120	15	Good
6.	128	134	6	Good
7.	143	149	6	Good
8.	158	163	5	Good

### Note: -

The interpretation of mentioned geophysical logs reveals that-

1. Every granular zone contains fine sediments with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine.
3. Granular Zone (42-60) m bgl, (80-89) m bgl & (105-120) m bgl are intermixed with thin beds of kanker.
4. Quality of formation water up to logging depth is Good.
5. Log data Attached.

Geophysical Log Interpreted by

*Rajeev Kumar*

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Geophysicist

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