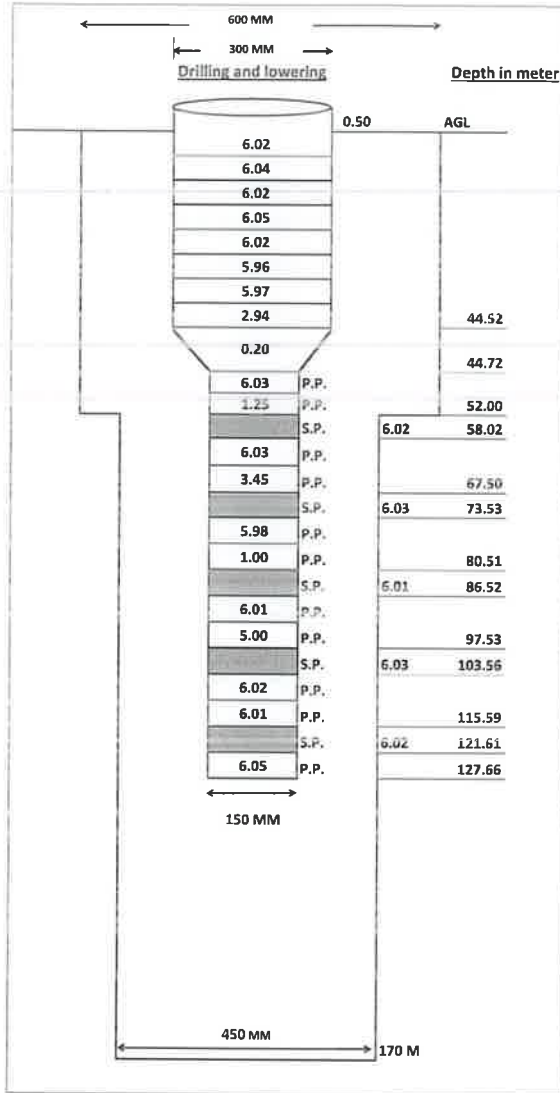


NAME OF SCHEME :- DOHAI  
 NAME OF SITE :- DOHAI  
 NAME OF COMPANY :- PNC-SPML JV

BLOCK :- SURATGANJ  
 DISTRICT :- BARABANKI



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	=	14.05.2023
6	DATE OF LOWERING	=	18.05.2023
7	REQUIRED DISCHARGE	=	770 LPM

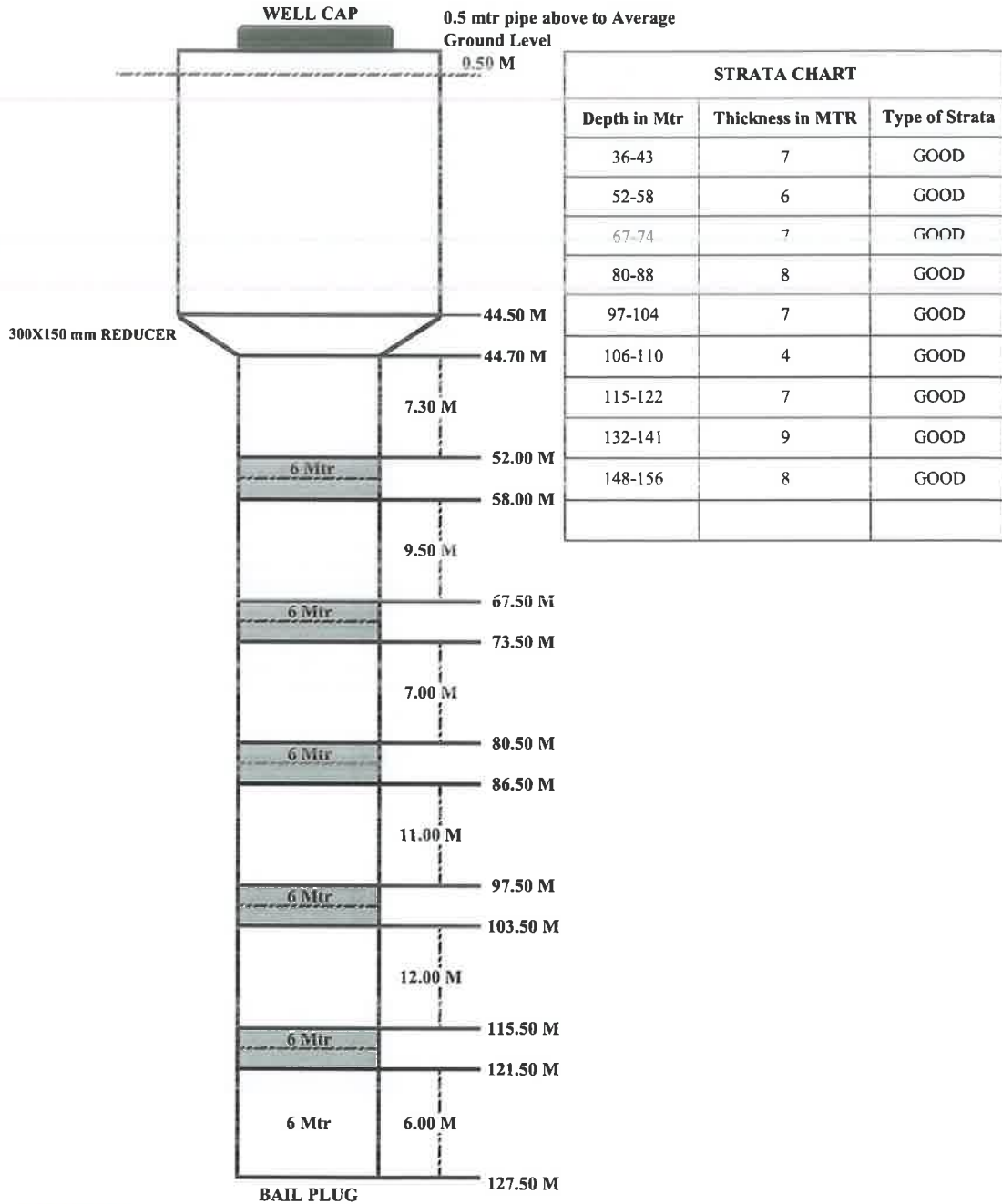
LOGGING REPORT			
S. NO.	DEPTH RANGE (Mbgf)	Thickness (M)	Remarks (Quality of formation Water)
1	36-42	7	GOOD
2	52-58	6	GOOD
3	67-74	7	GOOD
4	80-88	8	GOOD
5	97-104	7	GOOD
6	106-110	4	GOOD
7	115-122	7	GOOD
8	132-141	9	GOOD
9	148-156	8	GOOD

S. NO.	DESCRIPTION	REMARKS
1	Total 300 mm plain pipe	45.02
2	Total 150 mm plain pipe	52.83
3	Total 150 mm slotted pipe	30.11
4	Reducer 300mm X 150 mm	0.20
5	Total Assembly lower	128.16
6	AGL	0.50
7	SGL	127.66

 PREPARED BY PNC SPML - JV	 CHECKED BY JR. ENGINEER	 RECOMMENDED BY ASS. ENGINEER	 APPROVED BY EXECUTIVE ENGINEER
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**PROPOSED ASSEMBLY CHART OF W/S Scheme - DOHAI**  
**Block - Suratganj, Dist. - Barabanki**

Discharge 770 LPM  
 Motor HP - 15 HP  
 Assembly Size - 300\*150 Ø  
 Bore - 600\*450 mm Ø  
 Logging Report : 14.05.2023



PNC-SPML-JV

*[Signature]*  
 JUNIOR ENGINEER

*[Signature]*  
 ASSISTANT ENGINEER

*[Signature]*  
 EXECUTIVE ENGINEER

# M/s Mahalaxmi Tube well

Rajnendra Nagar Pukhrayan Kanpur 9935299290

## Geophysical Well Logging Report

Ref No – 05/172

Date -16/05/2023

Site Location : - Dohai Suratganj Barabanki

District : - Barabanki

Logged Depth : - ~~165 M BGL~~

Date of Logging : - 14/05/2023

Types of Log : - ~~S.P&N16~~, N-64 LAT

Logger used : - ~~JGIS~~

Rm – ~~20.2  $\Omega$ m~~ Rw - ~~19.9  $\Omega$ m~~

The following permeable granular zones have been deciphered with the help of Electrical Logger

Sr NO	Depth Range From M.B.G.L	Depth Range M.B.G.L.	Thickness Mtr.	Inferred Lithology	Quality of G.W.
<del>01</del>	36	43	07	Fine to medium sand	Good
<del>02</del>	52	58	06		
<u>03</u>	67	77	10		
<del>04</del>	80	88	08		
<del>05</del>	97	104	07		
<del>06</del>	106	110	04		
<del>07</del>	115	122	07		
<del>08</del>	132	141	09		
<del>09</del>	148	156	08		

Note - All zones are highly intermixed with fine bands of kankar.

Sr N 03-67-74 (7m)

- Logging performed as per SWSM guidelines.

- Groundwater quality interpreted by firm as per their logger calibration

M/s Mahalaxmi Tube Well

G.Sh