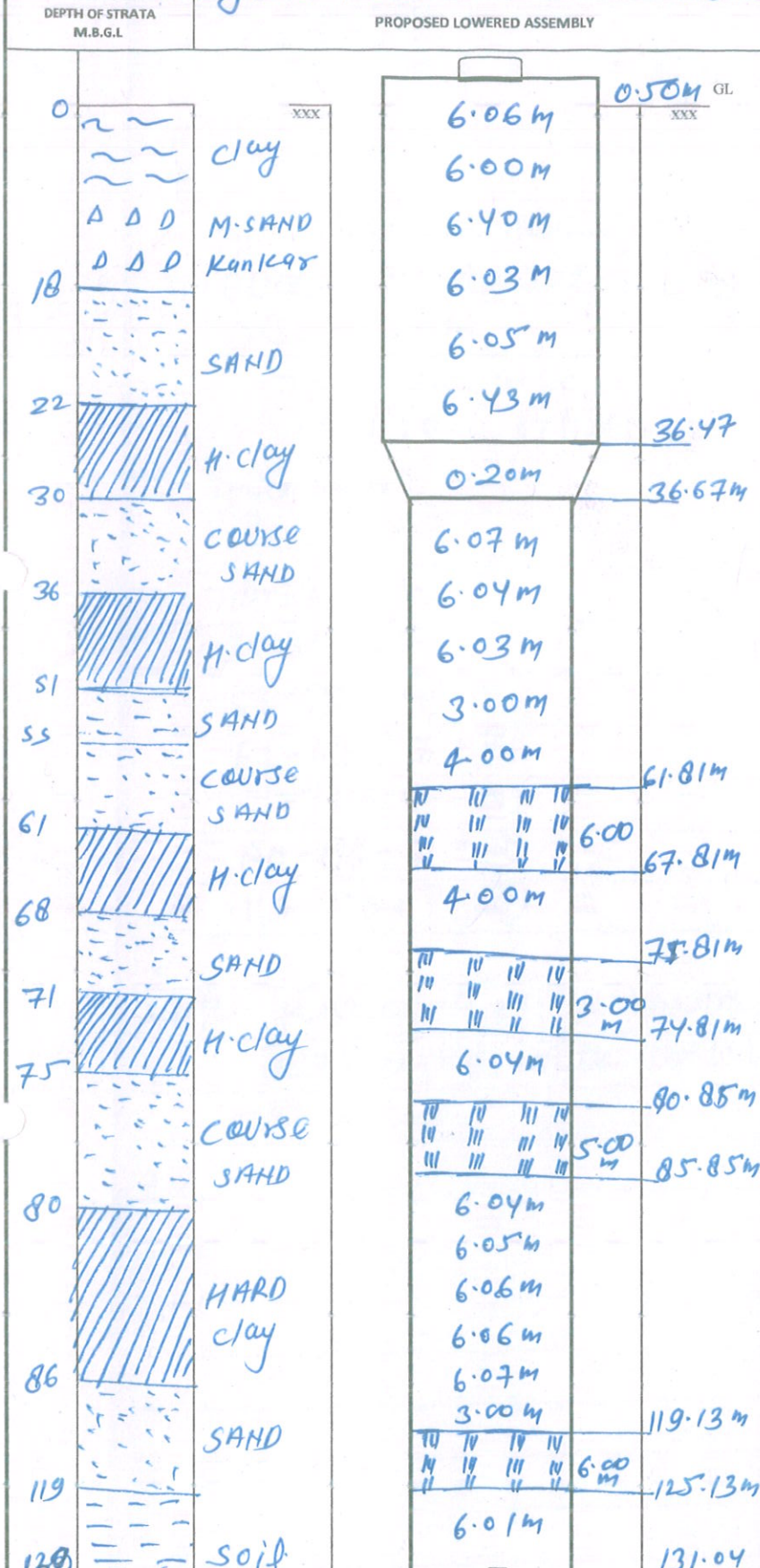


Name Of GP: Khajura Kala BLOCK: Mehdawal DIST. - Sant Kabir Nagar



DPR DETAILS

SL Lowering Date - 18.12.2023

1 Tubewell Discharge In LPM

2 Drilling Depth 132 Dia: 600-40,500 - Dia: 92M

3 Tubewell Assembly Size - 300x1500 MM

Depth Logged - Date of Logging -

Sl	Depth Range Mbgl	Thickness in Mtr.	Remarks.
1	18-22	4	
2	30-36	6	
3	51-55	4	
4	61-68	7	all good
5	71-75	4	
6	80-86	6	
7	119-126	7	
8			
9			
10			

ASSEMBLY DETAILS

300 mm Dia Housing Pipe A.G.L. 0.50

300 mm Dia Housing Pipe B.G.L. 36.47 m

300x150 mm Dia Reducer 36.47 m to 36.67 m

mm Dia	Pipe	to
150	plain	36.67 to 61.81 m
150	slotted	61.81 m to 67.81 m
150	plain	67.81 m to 75.81 m
150	slotted	75.81 m to 74.81 m
150	plain	74.81 m to 80.85 m
150	slotted	80.85 to 85.85 m
150	plain	85.85 to 119.13 m
150	slotted	85.119.13 to 125.13 m
150	plain	125.13 to 131.04 m
mm Dia	Pipe	to
mm Dia	Pipe	to
mm Dia	Pipe	to
mm Dia	Pipe	to
mm Dia	Pipe	to
mm Dia	Pipe	to
mm Dia	Pipe	to
mm Dia	Pipe	to

Total assembly- 131.04 Mtr. + A.G.L. = 131.64 m

3- Proposed Assembly for lowering

(1) 300MM DIA MSERW HOUSING PIPE	=	<u>36.97 M</u>
(2) 200MM DIA MSERW HOUSING PIPE	=	
(3) 150MM DIA MSERW PLAIN PIPE	=	<u>74.67 M</u>
(4) 150MM MSERW SLOTTED PIPE	=	<u>2.0 M</u>
(5) 300/150 REDUCER	=	<u>.200 M</u>
(6) 200/150 REDUCER	=	
(7) 300MM DIA WELL CAP	=	
(8) 200MM DIA WELL CAP	=	
(9) 150MM DIA CENTRE GUIDE	=	
(10) MM DIA BORE DIGGING	=	
(11) MM DIA BORE DIGGING	=	
(11) Gravel Packing	=	

Total assembly- 131.64 M

Total Depth- 131.64 AGL+0.50M

TOTAL Assembly - 131.64

MEIL (QC) Mehdi TPI (FICHTNER) AE (E/M) JE (E/M) EE(E/M)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: **935**

Dated: 14-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khajura Kala**
Block: **Mehdawal**
District: **Sant Kabir Nagar**
State: **Uttar Pradesh**
Drilling Depth: **150.0 m bgl**
Logging Depth: **145.0 m bgl**
Date of logging: **14-12-2022**
Rm - **17.0 Ωm** Rw - **25.0 Ωm**

Borehole Drilled by: M/s MEIL, Sant Kabir Nagar, Uttar Pradesh.

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	18 - 22	04	Good
2.	30 - 36	06	Good
3.	51 - 55	04	Good
4.	61 - 68	07	Good
5.	71 - 75	04	Good
6.	80 - 86	06	Good
7.	119 - 126	07	Good

Note: **Fine bands of Kankar are intermixed with almost all the Zones.**

Verified as per logs provided.
Note - Sr No 5-72-75 (3w)

G.S.H
15/12/22

For Geo Instruments & Technic's

Sreed
(S. Shukla)