

Name Of GP: **CHRAURAKHI** BLOCK: **SANTHA** DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L. PROPOSED LOWERED ASSEMBLY DPR DETAILS

01	clay	6.09m	0.50m GL
	M.SAND	6.08m	
	KANKAR	6.03m	
18	F.K.+ SAND	6.09m	36.78
		6.04m	
22	HARD clay	6.45m	36.28m
		0.20m	36.48m
25	F.K.+ SAND	6.08m	
35	clay	6.02m	27.52m
		6.02m	
45	F.K.+ SAND	6.06m	
		3.34m	64.00
48	HARD clay	6.00m	70m
64	F.K.+ SAND	6.07m	
		4.33m	80.40m
70	HARD clay	6.04m	86.44m
80	F.K.+ SAND	6.01m	
		6.07m	
87	clay	6.01m	
115	F.K.+ SAND	6.00m	115.00m
		4.47m	
124	clay	6.02m	124m
127	F.K.+ SAND	2.98	
		3.50m	127.50m
131	H. clay	3.05	130.55m
148	F.K. sand	6.00m	136.55
154	SOIL		

SL Lowering Date - 03.01.2023

1 Tubewell Discharge in LPM 950 LPM

2 Drilling Depth - 154 Dia- 600 - 40, 500 Dia- 114M

3 Tubewell Assembly Size - 300X150 mm

Depth Logged- Date of Logging - 27.12.2023

Sl	Depth Range Mbgl	Thickness in Mtr.	Remarks.
1	18-22	4	
2	25-35	10	
3	45-48	3	
4	64-70	6	all good
5	80-87	7	
6	115-124	9	
7	127-131	4	
8	148-150	4	
9			
10			

ASSEMBLY DETAILS

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

300 mm Dia Housing Pipe B.G.L 36.28m

300X150 mm Dia Reducer 36.28m to 36.48m

mm Dia	Pipe	to
150	Plain	36.48 to 64.00
150	slotted	64.00 to 70.00m
150	Plain	70.00 to 80.40m
150	slotted	80.40 to 86.44m
150	Plain	86.44 to 115.00m
150	slotted	115.00 to 124.00m
150	Plain	124.00 to 127.50m
150	slotted	127.50 to 130.55m
150	Plain	130.55 to 136.55m
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 Depth- TOTAL Assembly - AGL+0.50M 137.05

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



**GEO INSTRUMENTS & TECHNIC'S**

(A Division of Geophysical Exploration and Instrumentation)

Sales &amp; Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K- 47

Dated: 28-12-2022

**GEOPHYSICAL BOREHOLE LOGGING REPORT**

Site: **Chamarhi chawahi**  
 Block: **Mehdawal Santha**  
 District: **Sant Kabir Nagar**  
 State: **Uttar Pradesh**  
 Drilling Depth: **160.0 m bgl**  
 Logging Depth: **157.0 m bgl**  
 Date of logging: **27-12-2022**  
 Rm - **21.0  $\Omega$ m** Rw - **26.0  $\Omega$ m**

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.	25 - 35	10	Good
3.	45 - 48	03	Good
4.	64 - 70	06	Good
5.	80 - 87	07	Good
6.	115 - 124	09	Good
7.	127 - 131	04	Good
8.	146 - 150	04	Good

Note: Very fine bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.  
 G.Sh  
 29/12/22

For Geo Instruments &amp; Technic's

*S. Shukla*  
 (S. Shukla)