

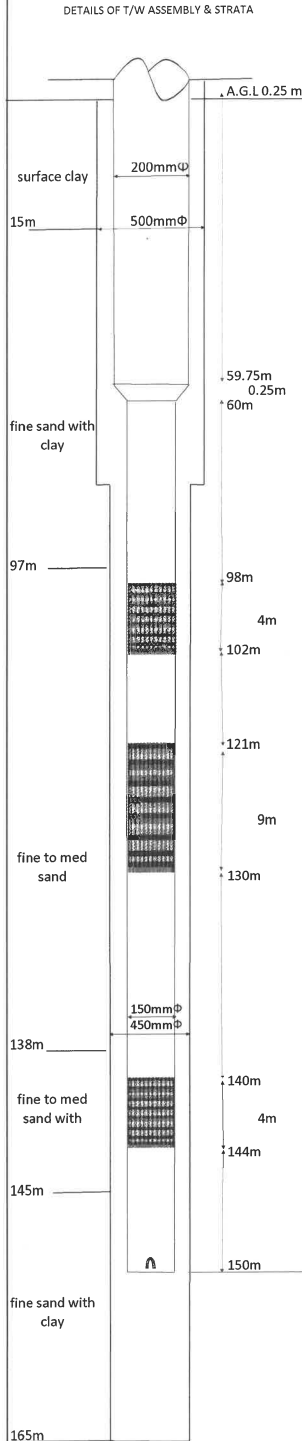
Phase-II

Completion Plan of Shahapur-GP Bahariya- Block, District- Prayagraj

Agency of construction : LARSEN & TOUBRO LTD  
 Drilling Started On : 02-12-2023  
 Drilling Completed On : 04-01-2024  
 Assembly lowered on : 05-01-2024  
 Size of bore : 500mmφ from GL to 65m BGL  
 450mmφ from 65m BGL to 165m BGL  
 Size of tubewell : 200\*150mm  
 Req. Discharge : 380LPM

LOGGING REPORT

Logging Date : 09-12-2023  
 Depth Logged : 154m  
 Directed by : Mr Sanjeet Sharma(Hydrogeologist)  
 (All Geo Solution)  
 STPI,MNIT Campus,Teliarganj



Sr.No	Depth Range in Meter B.G.L	Thickness in Meter	Remarks	Note
1	22-25	3	GOOD	1.All zones intermixed with thin bands of kankar sr no 4 kankar intermixed. 2.Sr no 1 is very fine sand in nature. 3.Sr no 7 is kankar intermixed and sr no 8 highly kankar intermixed.
2	56-72	16	GOOD	
3	79-82	3	GOOD	
4	84-91	7	GOOD	
5	98-102	4	GOOD	
6	107-113	6	GOOD	
7	120-130	10	GOOD	
8	140-144	4	GOOD	

T.W Constructed By

Subhankar sil(PM)  
L&T Construction

Vishal Kumar Singh  
MTCPL(TPI)

(Jitendra Yadav)  
Junior Engineer

(Karunakar Singh)  
Assistant Engineer

(Syed. Mohd. Shabaz)  
Executive Engineer

Division office E&M,UP Jal Nigam (Rural) Prayagraj



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2023/PRYJ-397  
Date : 10/12/2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sarai Shekhpur  
Location : 25.583690 , 82.062709  
Block : Bahariya  
District : Prayagraj  
State : Uttar Pradesh  
Logging Depth : 154 Mbgl  
Rm/Rw : 6/13  
Date of Logging : 9-December-2023  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : GIT  
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj  
Representative : Mr. Nitin Tripathi

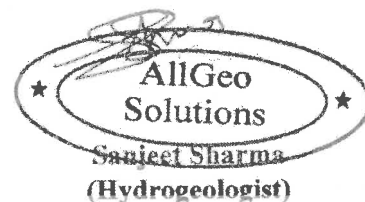
Based on the interpretation of Self Potential(SP), Short Normal( N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	22-25	3	Good
2	56-72	16	Good
3	79-82	3	Good
4	84-91	7	Good
5	98-102	4	Good
6	107-113	6	Good
7	120-130	10	Good
8	140-144	4	Good

Note: 1- All zones intermixed with thin bands of kankar sr no 4 kankar intermixed.

2- Sr no 1 is very fine sand in nature.

3- Sr no 7 is kankar intermixed and sr no 8 highly kankar intermixed.



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