

Phase-II

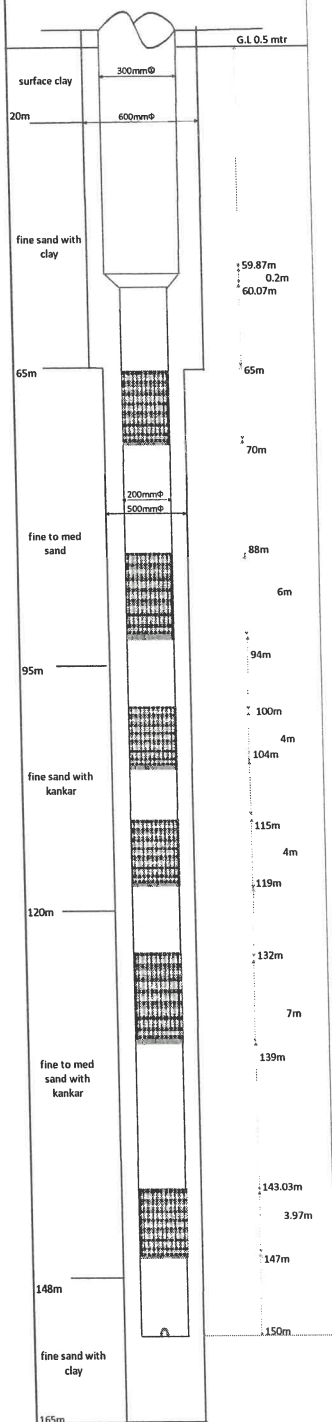
Completion Plan of Saray Alam_Paharpur-GP,Dhanupur- Block, District- Prayagraj

Agency of construction : LARSEN & TOUBRO LTD
 Drilling Started On : 21-10-2023
 Drilling Completed On : 29-10-2023
 Assembly lowered on : 30-10-2023
 Size of bore : 600mm ϕ from GL to 65m BGL
 500mm ϕ from 65m BGL to 165m BGL
 Size of tubewell : 300*200mm
 Req. Discharge : 1120LPM

LOGGING REPORT

Logging Date : 28-10-2023
 Depth Logged : 160m
 Directed by : Mr Sanjeet Sharma(Hydrogeologist)
 (All Geo Solution)
 STPI,MNIT Campus,Teliarganj
 UPJN-Prayagraj

DETAILS OF T/W ASSEMBLY & STRATA



Sl.No	Depth Range in Meter B.G.L	Thickness in Meter	Remarks	Note
1	32-37	5	GOOD	1.All zone are intermixed with thin bands of kankar. 2.Sr no 4,5,and 6 are fine sand in nature.
2	50-60	10	GOOD	
3	65-70	5	GOOD	
4	88-94	6	GOOD	
5	100-104	4	GOOD	
6	115-119	4	GOOD	
7	132-139	7	GOOD	
8	143-150	7	GOOD	
9	157-160	3	GOOD	

T.W Constructed By

Subhankar sil(PM)
L&T Construction

Vishal Kumar Singh
MTCPL(TPI)

(Vipin Kumar)
Junior Engineer

(Karunakar Singh)
Assistant Engineer

(Syed. Mohd. Shabaz)
Executive Engineer

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



AllGeo Solutions

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Ref. No. : AGS/EL/2023/PRYJ-343
Date : 29/10/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sarai Alam
Location : 25.448624, 82.208661
Block : Dhanupur
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 160 Mbgl
Rm/Rw : 13/14
Date of Logging : 28-Oct-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : Mr. Shri Sai Constructions

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	32-37	5	Good
2	50-60	10	Good
3	65-70	5	Good
4	88-94	6	Good
5	100-104	4	Good
6	115-119	4	Good
7	132-139	7	Good
8	143-150	7	Good
9	157-160	3	Good

Note: 1- All zones are intermixed with thin bands of kankar.

2- Sr no 4,5,6 are fine sand in nature.



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