

PROPOSED ASSEMBLY LOWERING DETAIL

Name of Scheme: Fatehpur Kayasthan-Kaurihar

Letter Ref. NO :

Agency of construction: LARSEN & TOUBRO LTD

Size of tubewell: 200x150mm

Req. Discharge : 450LPM

LOGGING REPORT

Logging report Date.: 18-09-2022

Drilled Depth : 162.0mtr

Depth Logged : 162.0mtr

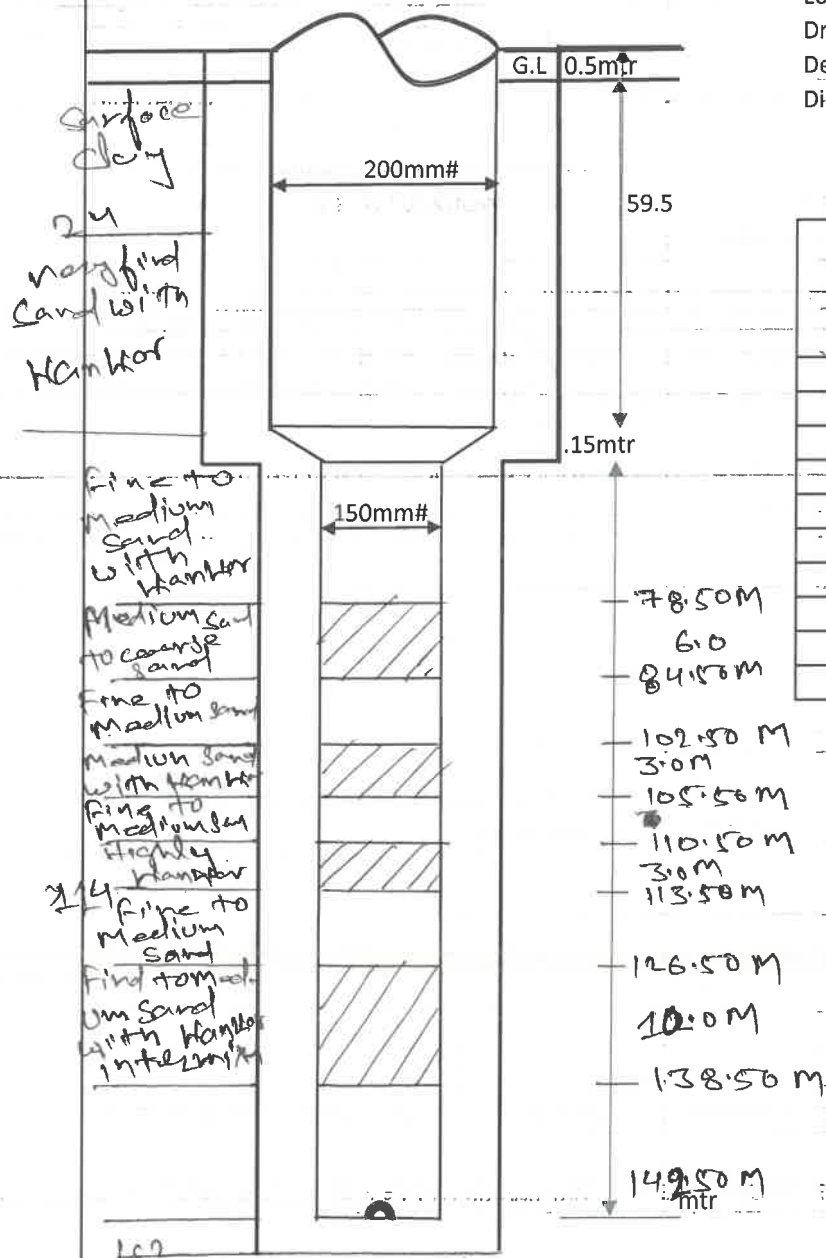
Directed by:

Dr.S.SHUKLA

MANAGER(GROUND WATER)

U.P.JN-LUCKNOW

DETAILS OF T/W ASSEMBLY & STRATA



SL.NO	Depth Range in Meter B.G.L	Thickness in Meter	Remarks
1	37.0-44.0	7	GOOD
2	78.0-86.0	8	GOOD
3	102.0-106.0	4	GOOD
4	110.0-114.0	4	GOOD
5	126.0-146.0	20	GOOD
6	150.0-157.0	7	GOOD

TW CONSTRUCTED BY

L&T LTD PRAYAGRAJ

ITCPL(TPI-PRAYAGRAJ)

JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

Division Office E&M Prayagraj



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/PRYJ-72
Date : 19/09/2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Fatehpur Kayasthan
Location : 25.598238, 81.673751
Block : Kaurihar
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 162 Mbgl
Date of Logging : 18-Sep-2022
Logged By : Mr. Shobhit Srivastav (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : M/S. LB Traders (Mr. Vikas Srivastava)

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	37-44	7	Good
2	78-86	8	Good
3	102-106	4	Good
4	110-114	4	Good
5	126-146	20	Good
6	150-157	7	Good

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

2- Sr No 4 are highly kankar intermixed in nature.

Verified as per logs provided.
Note: Sr No 2 may consider as 70-75 (7m).



ASSISTANT HYDROGEOLOGIST
LOCAL OFFICE (EIM)
H.D. NIGAM (RURAL)

Address: PNP-3, Software Technology Parks of India (STPI) Motilal Nehru National Institute of Technology Campus, Near Ganga Gate Teliarganj, Prayagraj 211004, Uttar Pradesh, India, Email: allgeosolutions@gmail.com, Mobile: +91-9452830062, 8840360108, Web: www.allgeos.co.in