

# PROPOSED ASSEMBLY LOWERING DETAIL

Name of Scheme: Mahoridiwan-Karchhana  
Letter Ref. NO :

lowering = 21/10/22  
Agency of construction: LARSEN & TOUBRO LTD  
Size of tubewell : 300x300mm  
Req. Discharge as per  
DPR : 1010 LPM  
Prop. Discharge as per  
Strata : 500 LPM

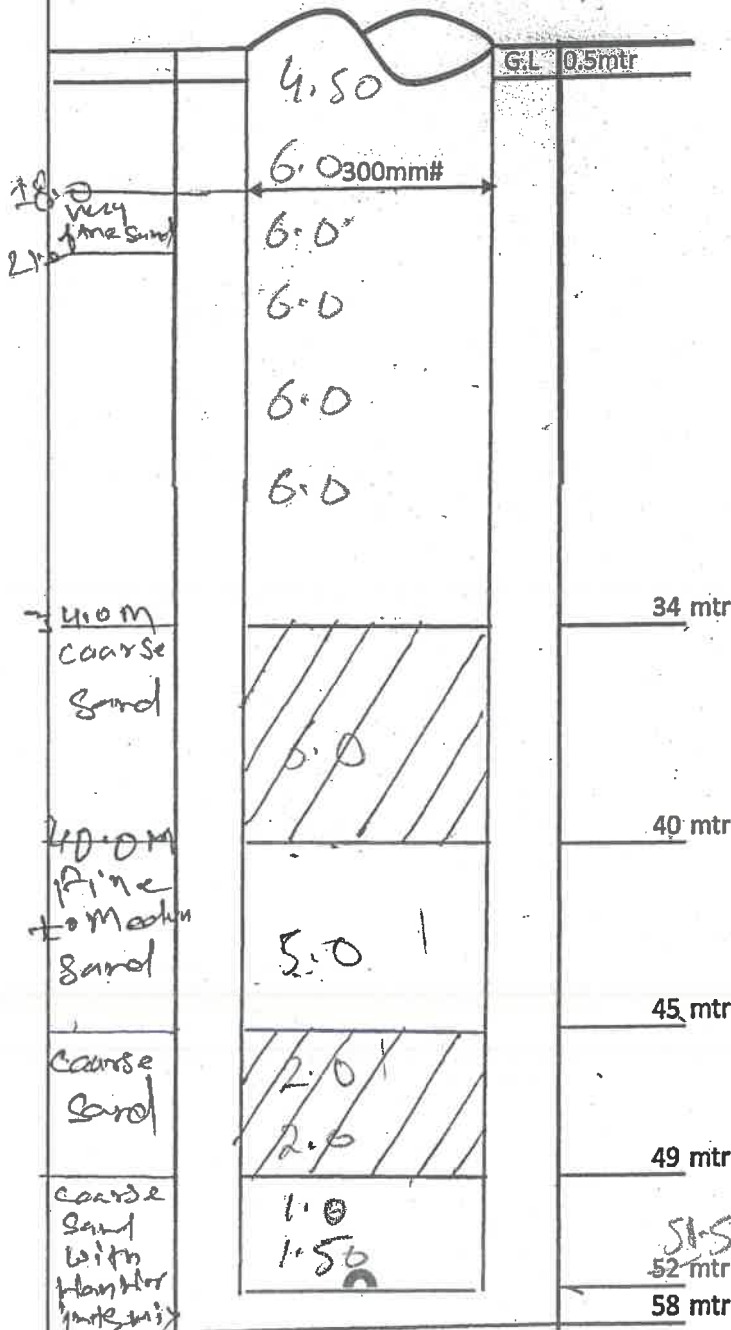
## DETAILS OF T/W ASSEMBLY & STRATA

### LOGGING REPORT

Logging report Date : 15-10-2022  
Drilled Depth : 58.0mtr  
Depth Logged : 52.0mtr  
Directed by :

Dr.S.SHUKLA  
MANAGER(GROUND WATER)  
U.P.JN-LUCKNOW

SL.NO	Depth Range in Meter B.G.L	Thickness in Meter	Remarks
1	17.0-25.0	8	GOOD
2	27.0-30.0	3	GOOD
3	34.0-40.0	6	GOOD
4	45.0-49.0	4	GOOD



300  $\phi$  Plain = 42 m  
300  $\phi$  Slot = 10 m

TW CONSTRUCTED BY

*[Signature]*

L&T LTD-PRAYAGRAJ

MTCPL(TPI-PRAYAGRAJ) JUNIOR ENGINEER ASSISTANT ENGINEER EXECUTIVE ENGINEER



# AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/PRYJ-85  
Date : 15/10/2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Mahuri  
Location : 25.267065, 81.954641  
Block : Karchana  
District : Prayagraj  
State : Uttar Pradesh  
Logging Depth : 52 Mbgl  
Date of Logging : 14-Oct-2022  
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)  
Logger Make : ~~GIT~~  
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj  
Representative : Mr. Ashish Mishra

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	17-25	8	Good
2	27-30	3	Good
3	34-40	6	Good
4	45-49	4	Good

Note: 1. Sr No 1 and 2 are fine sand in nature.

2. Sr no 4 is kankar intermixed.

Sri Singh, AE.

E.E.

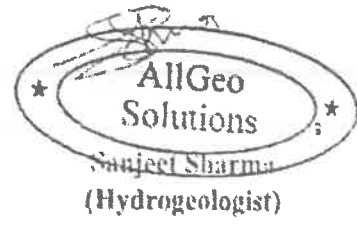
Verified as per logs provided.

Sri. Pinket Srivastava

AE

SWAN

ASSISTANT HYDROGEOLOGIST  
CIPSE, PRAYAGRAJ  
U.P. JAL 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



LARSEN & TOUBRO

L&T Construction  
Water & Effluent  
Treatment

Tendue, Bahadurpur  
Prayagraj-211019  
Uttar Pradesh, INDIA  
www.Lntccc.com

Ref.: LTCD/PRG/WET/RWS-1/JPS/2022-23/461

Dated: 19-10-2022

To,

The Executive Engineer (E&M),  
Nodal Head, Division Office  
407 New Mumfodganj,  
Prayagraj (U.P.), 211002

Sub: - Survey, Design, Preparation of DPR, Construction, Commissioning and O&M for 10 years of various rural water supply project in the state of Uttar Pradesh as per request for proposal for division Prayagraj District- Regarding Approval of Tubewell Design for Mahoridiwan Water Supply Scheme Under Karchanna Block (Package-03)

Dear Sir,

With reference to the above-cited subject, we would like to inform your good office that we are in progress for Tubewell Work at Mahoridiwan Gram Panchayat under Karchanna Block, Package-03.

We have started drilling work but after 58M BGL, rock strata came due to which further DC drilling was not possible. So, On date 15/10/2022, electrical logging was conducted. As per logging report assembly size is coming 300 MMX300 MM instead of 300 MMX150 MM as mentioned in the DPR BOQ, this is due to unavailability of starta. As per approved BOQ, Demand of tube well is 1010 LPM, to meet water requirement in future if required, we will consider for second tubewell in the same campus/scheme with extra claim. We have completed drilling of bore 58M BGL but due to collapsible soil logging done till 52M BGL.

We are also hereby submitting the Logging Report dated 15.10.2022 & proposed lowering chart for your kind approval to start the Tube Well Assembly preparation & lowering at earliest.

Thanking you and assuring our best services all the time to come.

Yours Truly,

For Larsen & Toubro  
Construction Division

(Jai Prakash Singh)  
DGM (Civil)

Encl: Logging Report attached

CC: -

1. Chief Development Officer- Prayagraj
2. Chief Revenue Officer- Prayagraj
3. Superintending Engineer 2<sup>nd</sup> circle UPJN Prayagraj
4. District Magistrate, Prayagraj
5. Aarvee Associates- District Project Monitoring Unit

Sri Ankit (AE-SWSM)  
E.E.

Seen  
AE-SWSM