

Ref.: LTCD/PRG/WET/RWS-1/JPS/2022-23/319

03-06-2022

To,
The Executive Engineer (E&M),
Second CD Jal Nigam,
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 Submission of bore hole Logging Report Gram Panchayat – Kurakath Gram Panchayat - Block - Handia.

Dear Sir,

With reference to the above-cited subject, we would like to inform your good office that we are hereby submitting the Bore Hole Logging Report Kurakath Gram Panchayat Gram Panchayat - Block - Handia which bore hole already done.

We request you to kindly review above Logging Report Kurakath Gram Panchayat Gram Panchayat Block – Handia and send your approval for further action.

Thanking you and assuring best of our services at all time, we remain.

Yours Truly,
For Larsen & Toubro
Construction Division



(Jai Prakash Singh)
DGM (Civil)

CC: -

1 Medhaj Techno Concept Private Limited (TPIA), Prayagraj



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/110
Date : 31/05/2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Kurakath
Location : 25.358814, 82.172263
Block : Handia
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 152 Mbgl
Date of Logging : 30-May-2022
Logged By : Mr. Shobhit Srivastav (Geologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj
Representative : Mr. Sandeep Sharma (M/S S A Enterprise)

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 | 57-61 | 4 | Good |
| 2 | 75-88 | 13 | Good |
| 3 | 98-101 | 3 | Good |
| 4 | 107-117 | 10 | Good |
| 5 | 122-132 | 10 | Good |
| 6 | 145-150 | 5 | Good |

Note: Sr No. 1 is fine to very fine sand in nature.

Verified as per logs provided.
S.S.

ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ



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

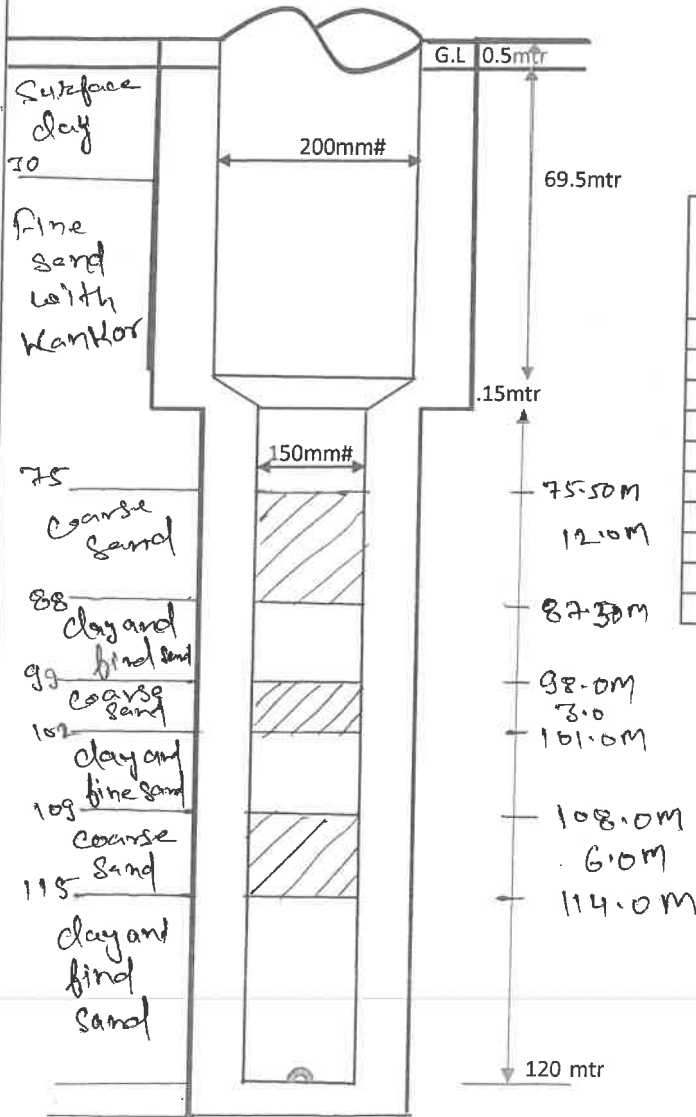
Name of Scheme: Kurakath - Handia
 Letter Ref. NO :

Agency of construction: LARSEN & TOUBRO LTD
 Assembly lowered on :
 Size of tubewell : 200x150mm
 Req. Discharge : 310LPM

DETAILS OF T/W ASSEMBLY & STRATA

LOGGING REPORT
 Logging report Date : 30-05-2022
 Drilled Depth : -165.0mtr ^{152.0m}
 Depth Logged : 152.0mtr
 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 | 57.0-61.0 | 4 | GOOD |
| 2 | 75.0-88.0 | 13 | GOOD |
| 3 | 98.0-101.0 | 3 | GOOD |
| 4 | 107.0-117.0 | 10 | GOOD |
| 5 | 122.0-132.0 | 10 | GOOD |
| 6 | 145.0-150.0 | 5 | GOOD |
| | | | |
| | | | |
| | | | |

TW CONSTRUCTED BY

 L&T LTD-PRAYAGRAJ

JUNIOR ENGINEER
 MTCPL (TP) PRAYAGRAJ) 2nd CONSTRUCTION DIVISION

ASSISTANT ENGINEER
 2nd CONSTRUCTION DIVISION

EXECUTIVE ENGINEER
 2nd CONSTRUCTION DIVISION