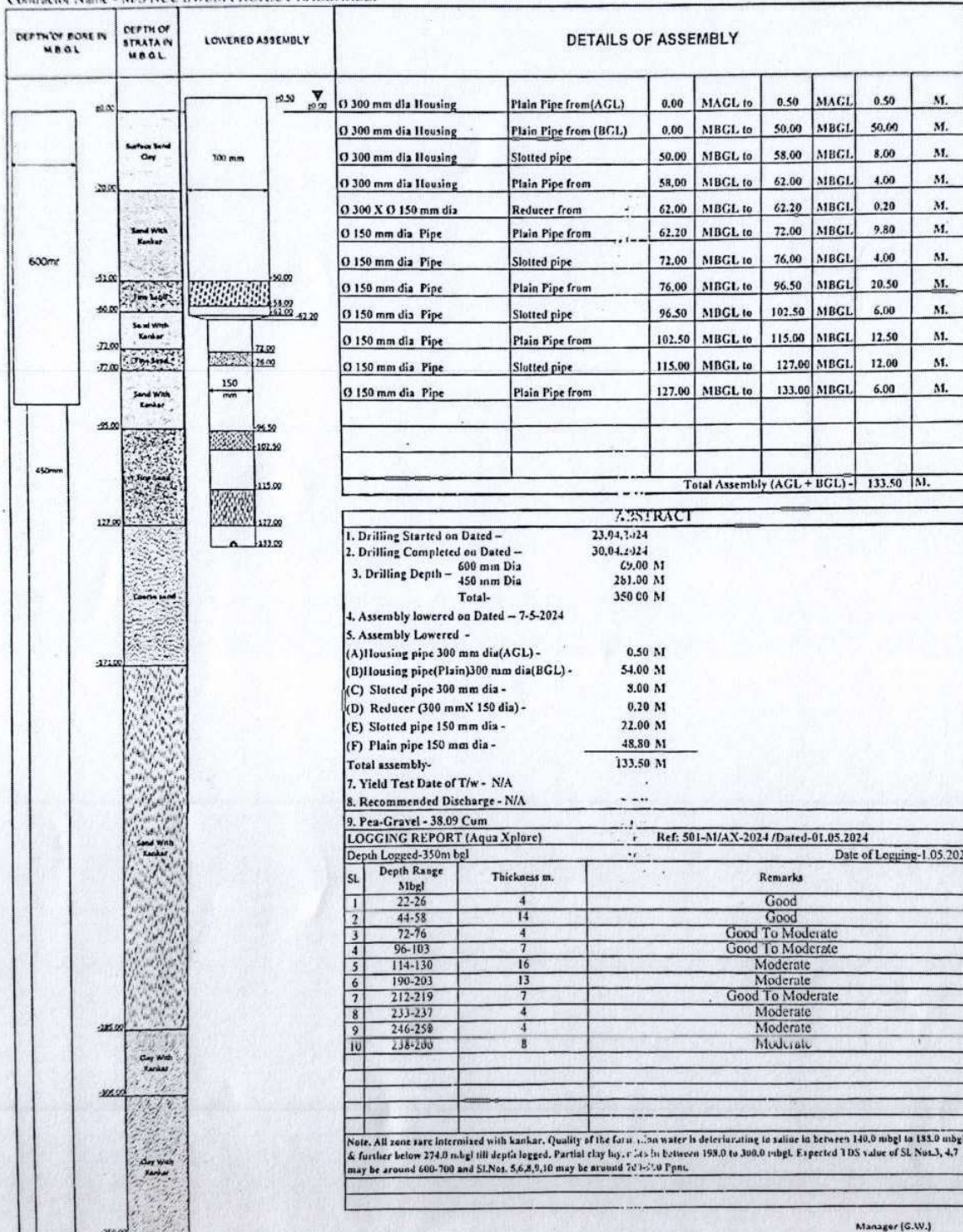


OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-MALKE GAON, Block-SARENI, JIM PHASE-II-(647/22)
Type of Rig Machine- D C RIG MACHINE
Contractor Name - MS NCC SWSM PROJECT RAEBARELI

District - Raebareli
LPM-760



Prepared & Checked By
[Signature]
MS NCC
PROJECT (SWSM-Raebareli)
Checked By
[Signature]
TPIA
(CEINSYS)
Recommended By
[Signature]
Assistant Engineer
(UPJN)
Approved By
[Signature]
Executive Engineer
(UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)
243/5, New Colony Jyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

Advisor – Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 501 - M / AX - 2024 Date 01.05.2024

Geophysical Borehole Logging Report

Name of the site : Malkegaon, Block - Sareni

District : Raibarely

Date : 01.05.2024

Depth logged : 350.0 mbgl,

Depth drilled : 350.0.0 mbgl – as reported

Logger used : Robertson make

Presence : Rep. of NCC Ltd., Raibareli

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	22.0—26.0	4.0	Good (1,2)
2	44.0—58.0	14.0	
3	72.0—76.0	4.0	Good to moderate (3,4,7)
4	96.0—103.0	7.0	
5	114.0—130.0	16.0	Moderate(5,6,8,9,10)
6	190.0—203.0	13.0	
7	212.0—219.0	7.0	
8	233.0—237.0	4.0	
9	246.0—250.0	4.0	
10	258.0—256.0	8.0	

Note. All zone sare intermixed with kankar. Quality of the formation water is deteriorating to saline in between 140.0 mbgl to 188.0 mbgl & further below 274.0 mbgl till depth logged. Partial clay layer lies in between 198.0 to 200.0 mbgl. Expected TDS value of Sl. Nos.3, 4,7 may be around 500–700 and Sl.Nos.5,6,8,9,10 may be around 700-900 Ppm.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibarely