

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

Lowered Assembly Plan-SIWAN TW-1(R), BLOCK-SHIVGARH JIM PHASE-II--PKG-13(SIWAN RO WSS)  
Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 600 X 450mm,

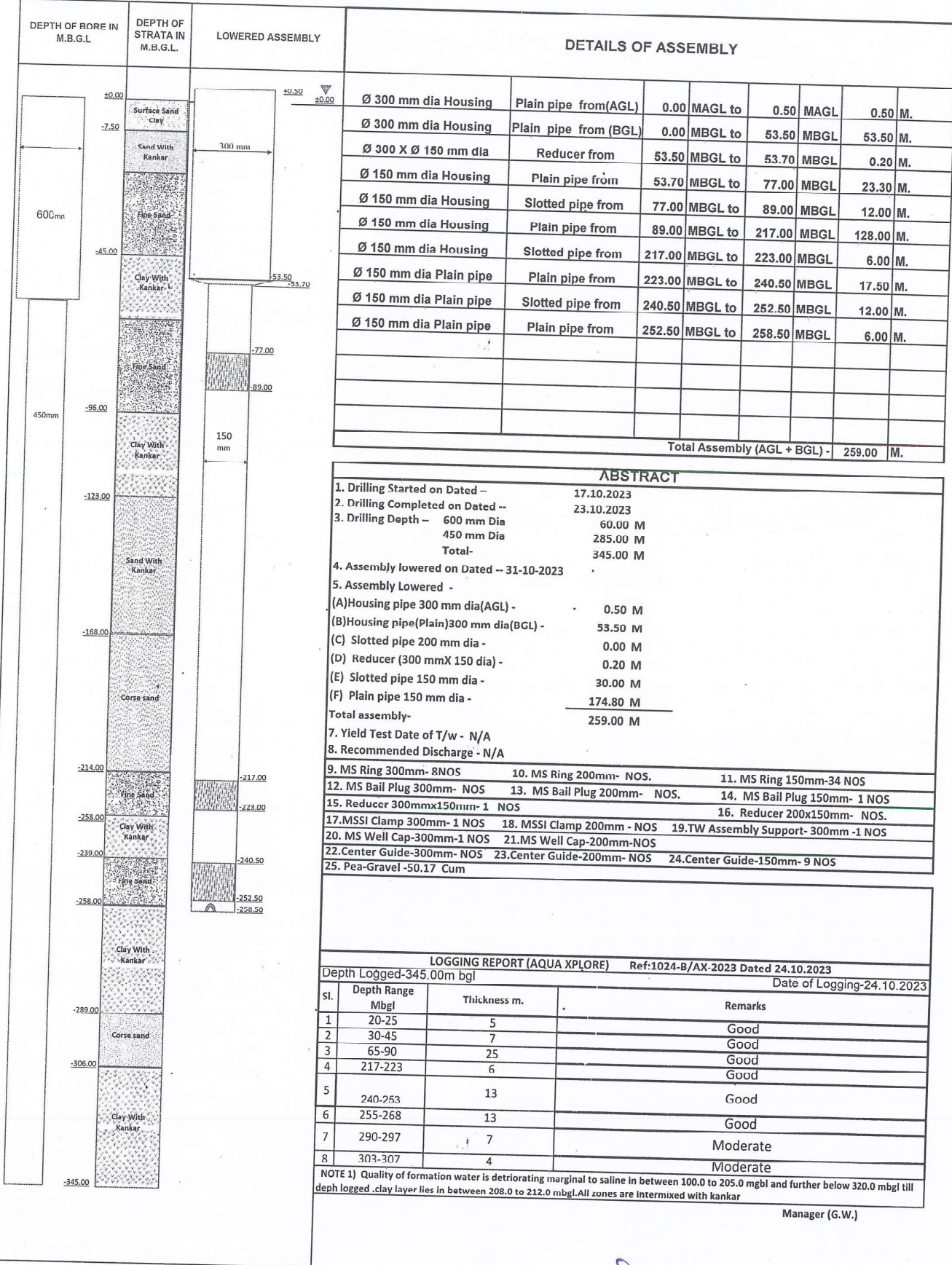
Static W/L-

District -

Raebareilly

LPM-850

Contractor Name - M/S



NOTE 1) Quality of formation water is deteriorating marginal to saline in between 100.0 to 205.0 mg/l and further below 320.0 mg/l till depth logged. clay layer lies in between 208.0 to 212.0 mg/l. All zones are Intermixed with kankar

Manager (G.W.)

Prepared & Proposed By  
*[Signature]*  
M/S Upendra Kumar, Lucknow,  
PROJECT (SWSM-Raebareilly)

Checked By  
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Junior Engineer  
*[Signature]*  
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Assistant Engineer  
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# Aqua Xplore

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

Ref. 1024 - B / AX - 2023 Date 24.10.2023

## Geophysical Borehole Logging Report

Name of the site : Siwan, Block - Shivgarh, Package-13

District : Raibareli

Date : 24.10.2023

Depth logged : 345.0 mbgl,

Depth drilled : 350.0 mbgl - as reported

Logger used : UPTRON make

Presence : Rep. of M/S Upendra Kumar, Lucknow

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	20.0---25.0	5.0	Good (1 to 6)
2	30.0---45.0	7.0	
3	65.0---90.0	25.0	
4	217.0---223.0	6.0	
5	240.0---253.0	13.0	Moderate(7 & 8)
6	255.0---268.0	13.0	
7	290.0---297.0	7.0	
8	303.0---307	4.0	

Note. Quality of the formation water is deteriorating marginal to saline in between 100.0 to 205.0 mbgl and further below 320.0 mbgl till depth logged.. Clay layer lies in between 208.0 to 212.0 mbgl. All zones are intermixed with kankar.

for Aqua Xplore

CC;

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