

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

Lowered Assembly Plan-Rasulpur, BLOCK-Sareni JIM PHASE-II-- (237/13)

Type of Rig Machine- D, C RIG MACHINE

Size of Bore - 600 X 450mm,

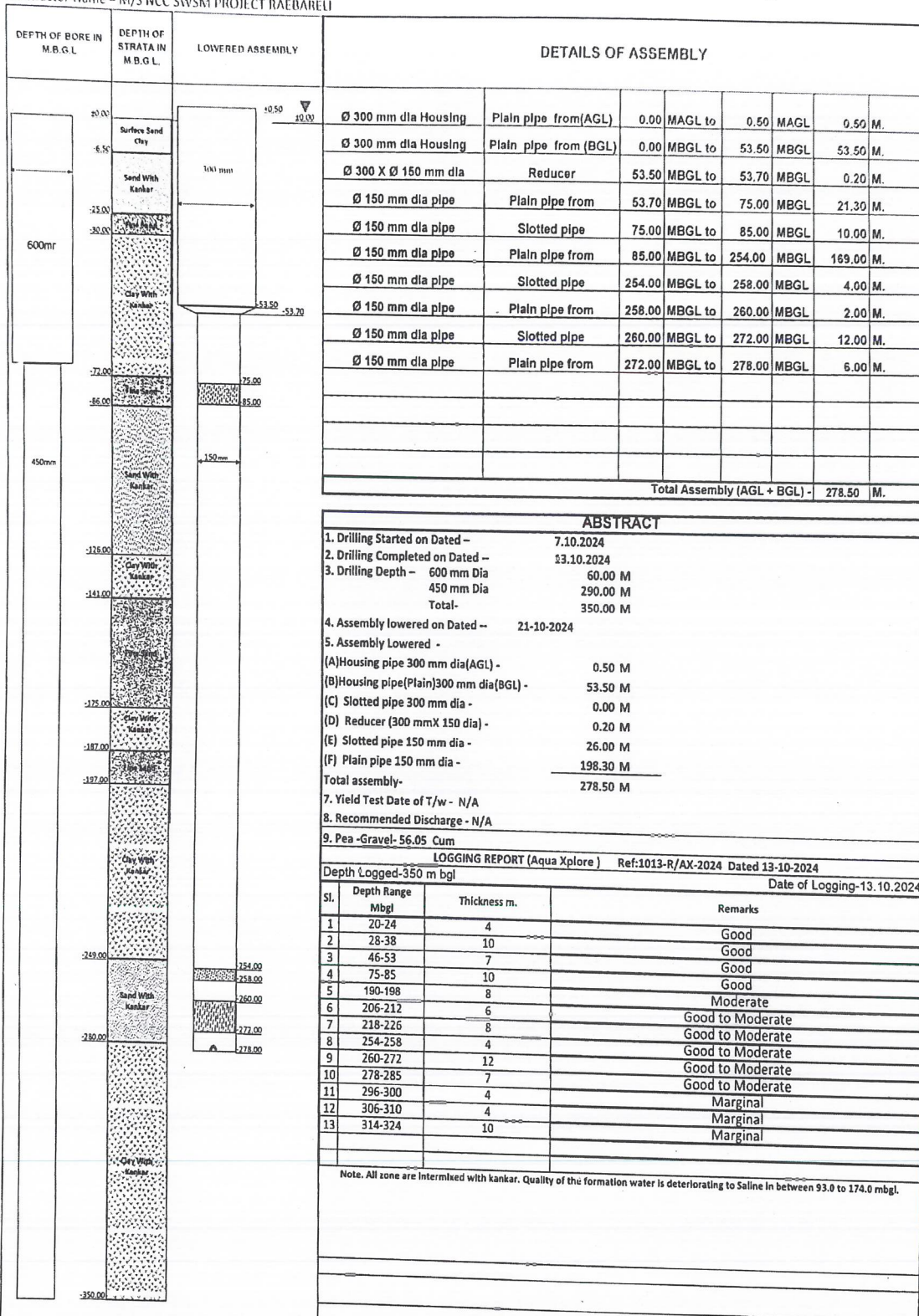
Static W/L-

District .

Raebareli

LPM-700

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI



Prepared & Proposed By

M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By

TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Recommended By

**Assistant Engineer
(UPJN)**

Manager (G.W.)

Approved By

**Executive Engineer
(UPJN)**



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 1013 - R / AX - 2024

Date 13.10.2024

Geophysical Borehole Logging Report

Name of the site : Rasoolpur, Block - Sareni

District : Raibarely

Date : 13.10.2024

Depth logged : 350.0 mbgl,

Depth drilled : 350.0 mbgl – as reported

Logger used : Robertson make

Presence : Rep. of NCC Ltd., Raibarely

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---24.0	4.0	Good (1 to 4)
2	28.0---38.0	10.0	
3	46.0---53.0	7.0	
4	75.0---85.0	10.0	Moderate (5)
5	190.0---198.0	8.0	Good to moderate (6 to 10)
6	206.0---2012.0	6.0	
7	218.0---226.0	8.0	
8	254.0---258.0	4.0	Marginal (11 to 13)
9	260.0---272.0	12.0	
10	278.0---285.0	7.0	
11	296.0---300.0	4.0	
12	306.0---310.0	4.0	
13	314.0---324.0	10.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline in between 93.0 to 174.0 mbgl. Partial clay layer lies in between 182.0 to 188.0 mbgl. Expected TDS value of Sl. No5 may be around 700-900 ppm and Sl.Nos.11 to 13 may be around 1300-1500 ppm.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibarely