

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

Lowered Assembly Plan-Bawan Buzurg valla(TW-1), BLOCK-AMAWAN JIM PHASE-II-(1031/1)
Type of Rig Machine- D. C RIG MACHINE
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

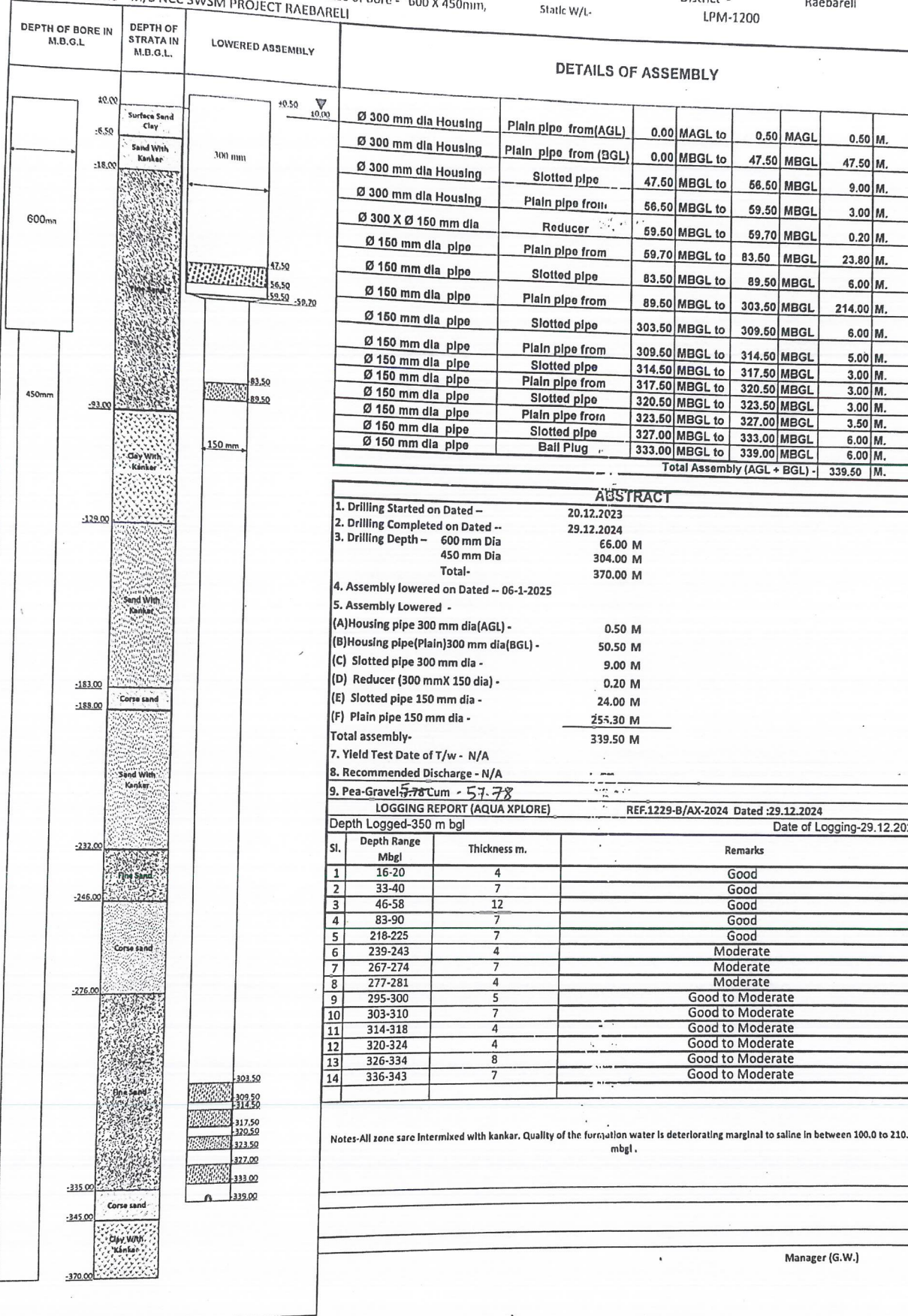
Size of Bore - 600 X 450mm,

Static W/L-

District -

Raebareli

LPM-1200



Prepared & Proposed By

M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By

TPIA
(CEINSYS)

Recommended By

Assistant Engineer
(UPJN)

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. 1229 - B / AX - 2024 Date 29.12.2024

Geophysical Borehole Logging Report

Name of the site : Bawana Buzurg Balla, Block - Amawan

District : Raibareli

Date : 29.12.2024

Depth logged : 350.0 mbgl.

Depth drilled : 350.0 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	16.0–20.0	4.0	Good (1 to 5)
2	33.0–40.0	7.0	
3	46.0–58.0	12.0	
4	83.0–90.0	7.0	
5	218.0–225.0	7.0	Moderate (6,7,8)
6	239.0–243.0	4.0	
7	267.0–274.0	7.0	
8	277.0–281.0	4.0	
9	295.0–300.0	5.0	Good to moderate (9 to 14)
10	303.0–310.0	7.0	
11	314.0–318.0	4.0	
12	320.0–324.0	4.0	
13	326.0–334.0	8.0	
14	336.0–343.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline in between 100.0 to 210.0 mbgl..

[Signature]

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibareli