

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

Lowered Assembly Plan-Kolwa, Block-CHHATOH, JIM PHASE-II-(368/9)

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 X 450mm,

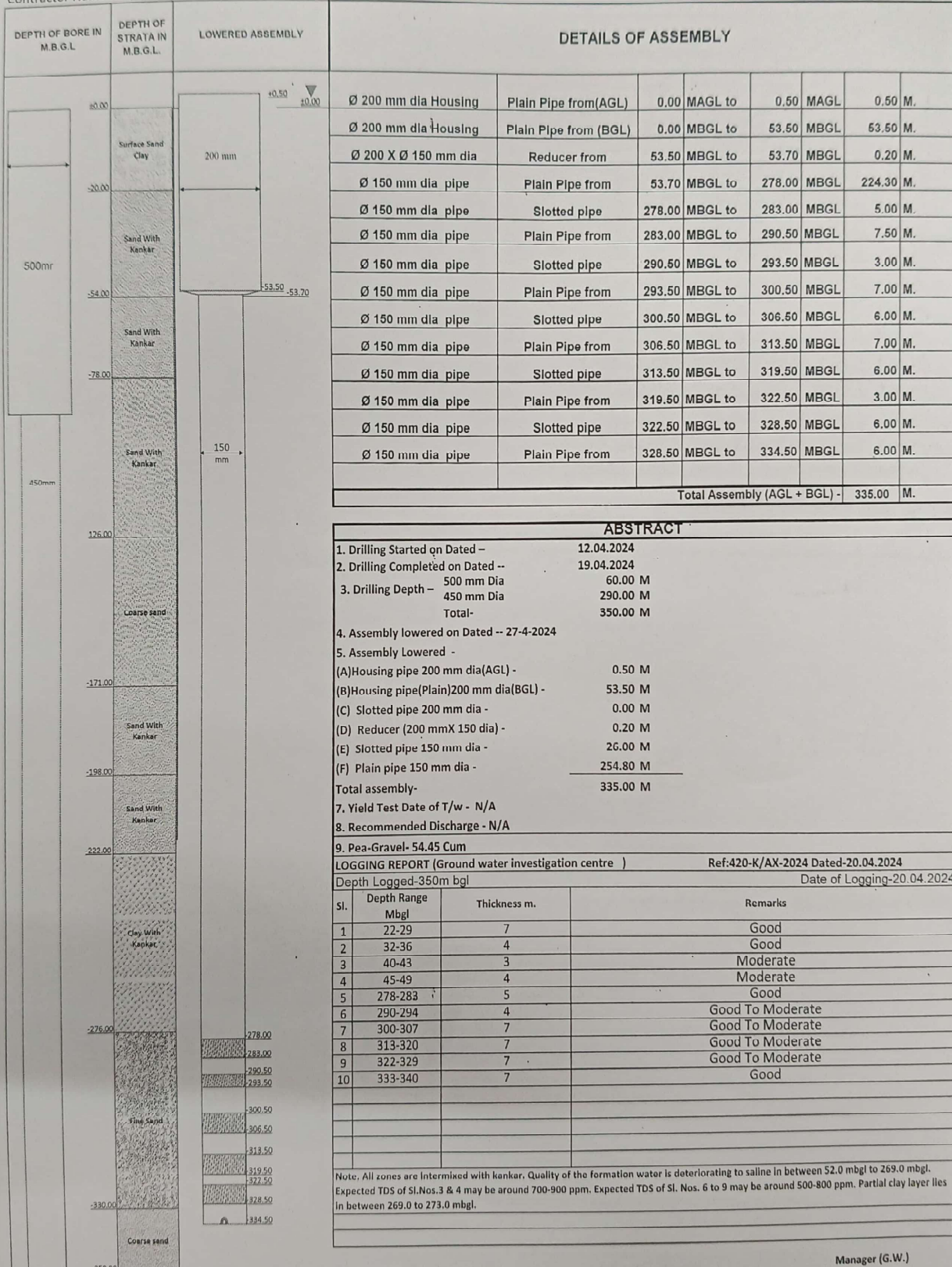
Static W/L-

District -

Raebareli

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

LPM-560



Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

M/S NCC,

TPIA

Junior Engineer

Assistant Engineer

Executive Engineer



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 420 - K / AX - 2024 Date 20.04.2024

Geophysical Borehole Logging Report

Name of the site : Koliwa deep, Block - Chhatch

District : Raibareilly

Date : 20.04.2024

Depth logged : 350.0 mbgl,

Depth drilled : 350.0 mbgl - as reported

Logger used : Robertson make

Presence : Rep. of NCC Ltd., Raibareilly

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----29.0	7.0	Good (1,2,5,10)
2	32.0----36.0	4.0	
3	40.0----43.0	3.0	Moderate(3 & 4)
4	45.0----49.0	4.0	
5	278.0----283.0	5.0	Good to moderate (6,7,8,9)
6	290.0----294.0	4.0	
7	300.0----307.0	7.0	
8	313.0----320.0	7.0	
9	322.0----329.0	7.0	
10	333.0----340.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating to saline in between 52.0 mbgl to 269.0 mbgl. Expected TDS of Sl.Nos.3 & 4 may be around 700-900 ppm. Expected TDS of Sl. Nos. 6 to 9 may be around 600-800 ppm. Partial clay layer lies in between 269.0 to 273.0 mbgl.

Dr. R. A. Yadav

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibareilly