

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

Lowered Assembly Plan-Bhawani Garh BLOCK-Shivgarh UNDER JJM PHASE-II-(237/29)

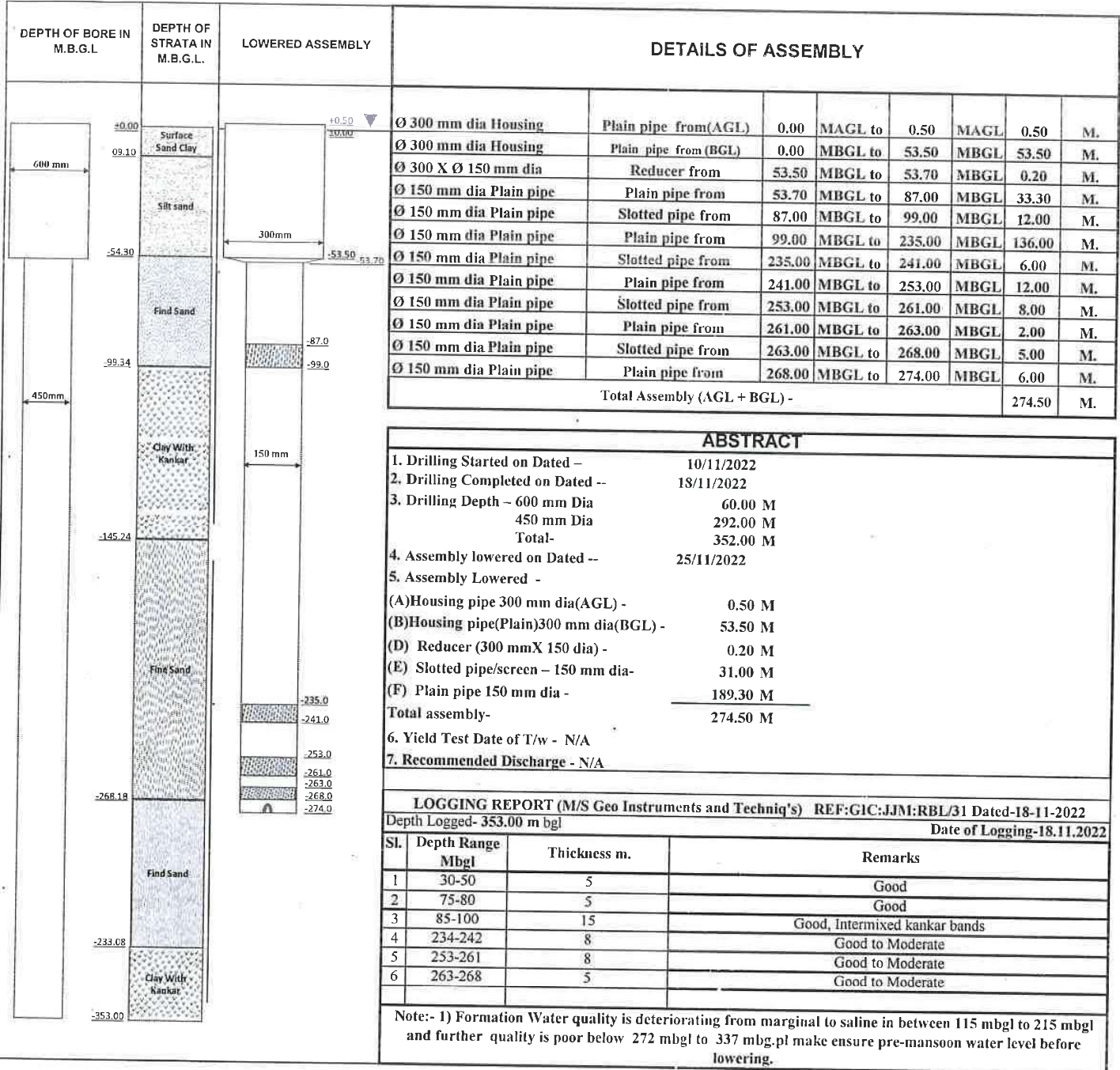
District - Raebareli
LPM-1000

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 600 X 450mm,

Static W/L-

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI



Manager (G.W.)

Prepared & Proposed By



M/S NCC
PROJECT (SWSM Raebareli)

Checked By

Pankaj

TPIA
(CEINSYS)

Recommended By

[Signature]

Assistant Engineer
(UPJN)

Approved By

[Signature]

Executive Engineer
(UPJN)



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/31

Date : 18.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhawanigarh, Block – Shivgarh
Distt. – Raebareli

Drilling Depth : 355 mbgl as reported by Driller

Logged Depth : ~~353~~ mbgl

Date of Logging : 18.11.22

Types of Log : S.P. & ~~Resistivity~~ (Normal & Lateral)

Logger Used : ~~Upton~~

Presence : Representative of M/S NCC Ltd.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	30 – 35	5	Good	R _{mf} = 15.4 Ωm R _w = 17 Ωm
2	75 – 80	5	Good	
3	85 – 100	15	Good, Intermixed kankar bands	
4	234 – 242	8	Good to moderate, Kankar Intermixed	
5	253 – 261	8	Good to moderate	
6	263 – 268	5	Good to moderate	

Remark : Formation water quality is deteriorating from marginal to saline in between 115mbgl to 215 mbgl and further quality is poor below 272 mbgl to till depth logged. Pl make ensure pre-monsoon water level data before lowering. ~~337 mbgl~~

CC:

1. M/S N C C Limited, Raebareli Rural (SWSM Project)

Verified as per logs provided.

G.S.R.
ASSISTANT HYDROGEOLOGIST
09/11/2022
RAEBARELI (RURAL)

Print

(A.K. Singh)
Geophysicist