

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

Lowered Assembly Plan-Sikandarpur BLOCK-Maharajganj UNDER JJM PHASE-II-(132/11)

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 600 X 450mm,

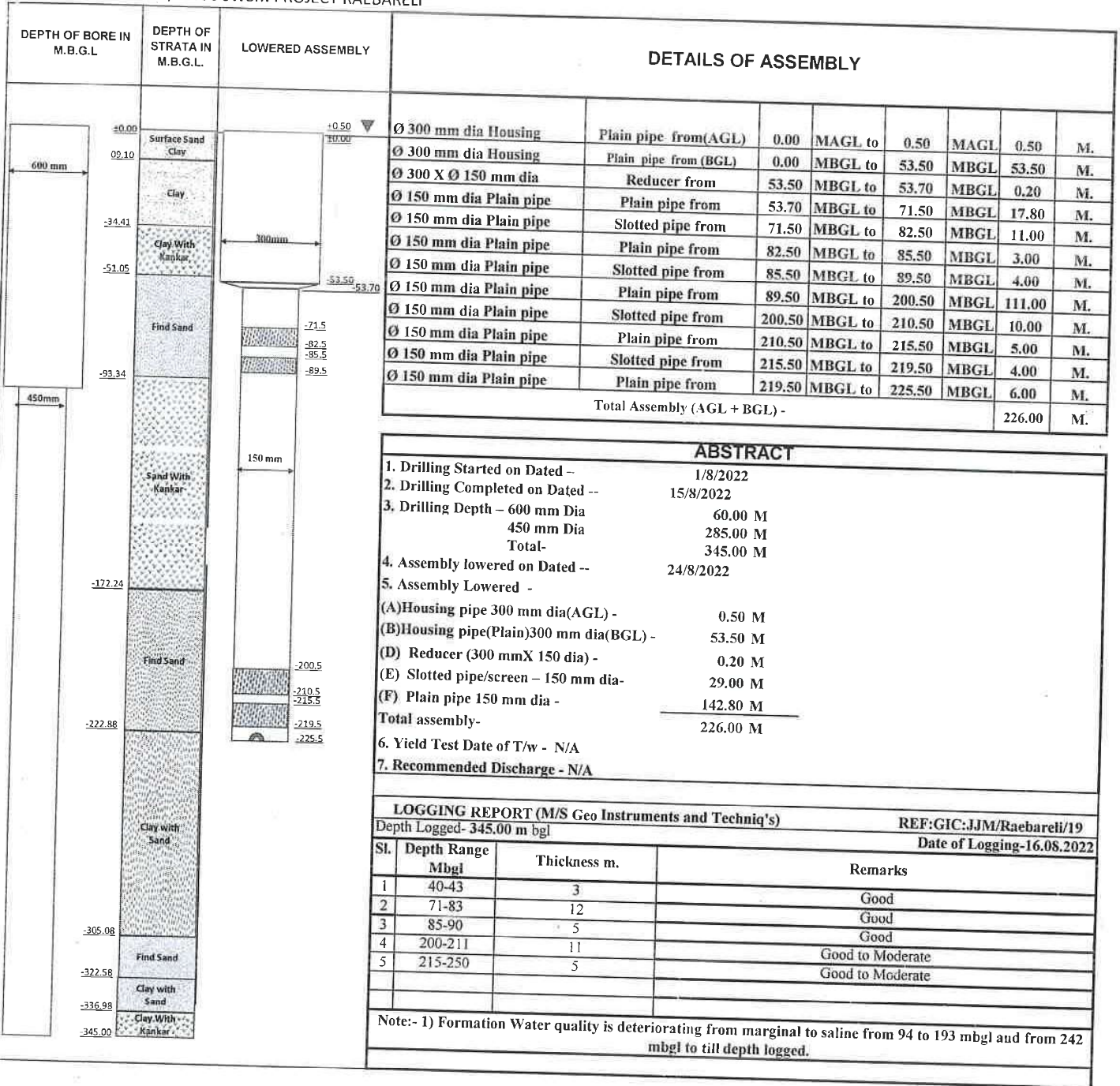
Static W/L-

District -

Raebareli

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

LPM-1100



Manager (G.W.)

Prepared & Proposed By

 M/S NCC,
 PROJECT (SWSM-Raebareli)

Checked By

 TPJA
 (CEINSYS)

Recommended By

 Junior Engineer
 (UPJN)

Approved By

 Assistant Engineer
 (UPJN)

Executive Engineer
 (UPJN)



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364163

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

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/IJM/ Raebareli/19

Date : 16.08.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sikandarpur, Block – Mahrajganj
Distt. – Raebareli

Drilling Depth : 350 mbgl as reported by Driller

Logged Depth : ~~345~~ mbgl

Date of Logging : 16.08.22

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

Logger Used : ~~Uptron~~

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	40 – 43	3	Good	R _{mf} = 15.4 Ωm R _w = 17.1 Ωm
2	71 – 83	12	Good	
3	85 – 90	5	Good	
4	200 – 211	8	Good to moderate	
5	215 – 220	5	Good to moderate	


Remark : ~~Formation~~ water quality is deteriorating from marginal to saline from 94 to 193 mbgl and further from 242 mbgl to till depth logged.

CC :

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

Verified as per logs provided.

G. S. Singh
19/08/22
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

G. S. Singh

(G. S. Singh)
Geophysicist