

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

Completion plan of -Manheroo WSS, BLOCK-Sataon UNDER JJM PHASE-II- (237/43)

District

Raebareli

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

DEPTH OF BORE IN M.B.G.L		DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY				
600 mm 450 mm	±0.00	Surface Sand Clay	300 mm 150	Ø 300 mm dia Housing	Plain pipe from (AGL)	0.00 MAGL to	0.50 MAGL	0.50 M.
	-09.05	Sand		Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00 MBGL to	35.50 MBGL	35.50 M.
	-22.08	Sand With Kankar		Ø 300 mm dia Pipe	Slotted pipe from	35.50 MBGL to	38.50 MBGL	3.00 M.
	-28.59	Medium Sand		Ø 300 mm dia Pipe	Plain pipe from	38.50 MBGL to	48.50 MBGL	10.00 M.
	-35.12	Very Fine Sand With Kankar		Ø 300 mm dia Pipe	Slotted pipe from	48.50 MBGL to	64.50 MBGL	16.00 M.
	-38.5			Ø 300 mm dia Pipe	Plain pipe from	64.50 MBGL to	67.50 MBGL	3.00 M.
	-48.5			Ø 300 X Ø 150 mm dia	Reducer from	67.50 MBGL to	67.70 MBGL	0.20 M.
	-64.5			Ø 150 mm dia Pipe	Bail Plug from	67.70 MBGL to	73.70 MBGL	6.00 M.
	-67.5							
	-67.7							
-73.7								

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

M/S NCC Limited
PROJECT (SWSM-Raebareli)

TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Assistant Engineer
(UPJN)

Executive Engineer
(UPJN)





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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref.GIT:UP:22-23:LS: 112

Dated: 02-08-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Manehroo**
Block: **Sataon**
District: **Raebareilly**
State: **Uttar Pradesh**
Drilling depth: **350.0 m bgl**
Logging depth: **330.0 m bgl**
Date of logging: **02-08-2022**
Rm - **14.0 Ω m** Rw - **16.0 Ω m**

Borewell Drilled By: M/s NCC Limited, Raibareilly, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	35 - 39	04	Good
2.	48 - 65	17	Good

Note: 1. Fine bands of Kankar are intermixed almost all the Zones.

2. Quality of Ground Water is deteriorating Marginal to Saline below 85.0 m bgl to till depth Logged.

For Geo Instruments & Technic's

(S. Shukla)

Verified as per
logs provided.

G.S.H.
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ