

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

Completion plan of - Ambra Matai WSS, BLOCK-Deensa Gaura, UNDER JJM PHASE-II--(237/4)

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																																								
	+0.00		Ø 300 mm dia Housing Plain pipe from(AGL) 0.00 MAGL to 0.50 MAGL 0.50 M.																																								
	-06.27		Ø 300 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 32.50 MBGL 32.50 M.																																								
	-30.11		Ø 300 mm dia Pipe Slotted pipe from 32.50 MBGL to 38.50 MBGL 6.00 M.																																								
			Ø 300 mm dia Pipe Plain pipe from 38.50 MBGL to 50.50 MBGL 12.00 M.																																								
			Ø 300 mm dia Pipe Slotted pipe from 60.50 MBGL to 56.50 MBGL 6.00 M.																																								
			Ø 300 mm dia Pipe Plain pipe from 56.50 MBGL to 59.50 MBGL 3.00 M.																																								
			Ø 300 X Ø 150 mm dia Reducer from 59.50 MBGL to 59.70 MBGL 0.20 M.																																								
			Ø 150 mm dia Pipe Ball Plug from 59.70 MBGL to 65.70 MBGL 6.00 M.																																								
			Total Assembly (AGL + BGL) - 66.20 M.																																								
			ABSTRACT																																								
			1. Drilling Started on Dated - 20.07.2022																																								
			2. Drilling Completed on Dated -- 27.07.2022																																								
			3. Drilling Depth - 600 mm Dia 70.00 M																																								
			450 mm Dia 270.00 M																																								
			Total- 340.00 M																																								
			4. Assembly lowered on Dated - 03.08.2022																																								
			5. Assembly Lowered -																																								
			(A) Housing pipe 300 mm dia(AGL) - 0.50 M																																								
			(B) Housing pipe(Plain)300 mm dia(BGL) - 47.50 M																																								
			(D) Reducer (300 mmX 150 dia) - 0.20 M																																								
			(E) Slotted pipe/screen - 300 mm dia- 12.00 M																																								
			(F) Plain pipe 150 mm dia - 6.00 M																																								
			Total assembly- 66.20 M																																								
			7. Yield Test Date of T/w - N/A																																								
			8. Recommended Discharge - N/A																																								
			LOGGING REPORT																																								
			Depth Logged-340.00 MbgI Date of Logging-28.07.2022																																								
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sl.</th> <th>Depth Range MbgI</th> <th>Thickness m.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>32-39</td> <td>7</td> <td>Good</td> </tr> <tr> <td>2</td> <td>50-57</td> <td>7</td> <td>Good</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl.	Depth Range MbgI	Thickness m.	Remarks	1	32-39	7	Good	2	50-57	7	Good	3				4				5				6				7				8				9			
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			Note:-1) Fine bands of kankar are Intermixed with almost all the Zones..																																								
			2) Quality of Ground water is deteriorating marginal to saline in below 67.0m bgl to till Depth Logged.																																								

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

M/S NCC Limited
PROJECT SWSM-Raebareli



U.P. Shajha
TPIA
(CEINSYS)

Apal
Junior Engineer
(UPJN)

Assistant Engineer
(UPJN)

Executive Engineer
(UPJN)



Tele Fax : +91-0522-246-5512(O)
Mob. : + 91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:22-23:LS: 108

Dated: 29-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ambra Mathi
Block: ~~Jagatpur~~
District: Raebareli
State: Uttar Pradesh
Drilling depth: 350.0 m bgl
Logging depth: 340.0 m bgl
Date of logging: 28-07-2022
Rm - 17.0 Ω m Rw - 15.0 Ω m

~~DEEN SHAH GAURA~~

Borewell Drilled By: M/s NCC Limited, Raebareli, 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.	32 - 39	07	Good
2.	50 - 57	07	Good

Note: 1. Fine bands of Kankar are intermixed almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline below 67.0 m bgl to till depth Logged.

Verified as per logs provided.

G.S.
ASSISTANT HYDROGEOLOGIST
29/07/22
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's

(S. Shukla)