

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

Completion plan of - Oee WSS , BLOCK-Maharajanj UNDER JJM PHASE-II--(132/05)

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 600 X 450mm,

District

RAEBARELI

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																																																							
			<table border="1"> <tr> <td>Ø 300 mm dia Housing</td> <td>Plain pipe from (AGL)</td> <td>0.00 MAGL to</td> <td>0.50 MAGL</td> <td>0.50 M.</td> </tr> <tr> <td>Ø 300 mm dia Housing</td> <td>Plain pipe from (BGL)</td> <td>0.00 MBGL to</td> <td>53.50 MBGL</td> <td>53.50 M.</td> </tr> <tr> <td>Ø 300 X Ø 150 mm dia</td> <td>Reducer from</td> <td>53.50 MBGL to</td> <td>53.70 MBGL</td> <td>0.20 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Plain pipe from</td> <td>53.70 MBGL to</td> <td>300.50 MBGL</td> <td>246.80 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Slotted pipe from</td> <td>300.50 MBGL to</td> <td>305.50 MBGL</td> <td>5.00 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Plain pipe from</td> <td>305.50 MBGL to</td> <td>316.50 MBGL</td> <td>11.00 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Slotted pipe from</td> <td>316.50 MBGL to</td> <td>324.50 MBGL</td> <td>8.00 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Plain pipe from</td> <td>324.50 MBGL to</td> <td>330.50 MBGL</td> <td>6.00 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Slotted pipe from</td> <td>330.50 MBGL to</td> <td>334.50 MBGL</td> <td>4.00 M.</td> </tr> <tr> <td>Ø 150 mm dia Pipe</td> <td>Bail Plug from</td> <td>334.50 MBGL to</td> <td>340.50 MBGL</td> <td>6.00 M.</td> </tr> <tr> <td colspan="4">Total Assembly (AGL + BGL) -</td> <td>341.00 M.</td> </tr> </table>	Ø 300 mm dia Housing	Plain pipe from (AGL)	0.00 MAGL to	0.50 MAGL	0.50 M.	Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00 MBGL to	53.50 MBGL	53.50 M.	Ø 300 X Ø 150 mm dia	Reducer from	53.50 MBGL to	53.70 MBGL	0.20 M.	Ø 150 mm dia Pipe	Plain pipe from	53.70 MBGL to	300.50 MBGL	246.80 M.	Ø 150 mm dia Pipe	Slotted pipe from	300.50 MBGL to	305.50 MBGL	5.00 M.	Ø 150 mm dia Pipe	Plain pipe from	305.50 MBGL to	316.50 MBGL	11.00 M.	Ø 150 mm dia Pipe	Slotted pipe from	316.50 MBGL to	324.50 MBGL	8.00 M.	Ø 150 mm dia Pipe	Plain pipe from	324.50 MBGL to	330.50 MBGL	6.00 M.	Ø 150 mm dia Pipe	Slotted pipe from	330.50 MBGL to	334.50 MBGL	4.00 M.	Ø 150 mm dia Pipe	Bail Plug from	334.50 MBGL to	340.50 MBGL	6.00 M.	Total Assembly (AGL + BGL) -				341.00 M.
Ø 300 mm dia Housing	Plain pipe from (AGL)	0.00 MAGL to	0.50 MAGL	0.50 M.																																																						
Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00 MBGL to	53.50 MBGL	53.50 M.																																																						
Ø 300 X Ø 150 mm dia	Reducer from	53.50 MBGL to	53.70 MBGL	0.20 M.																																																						
Ø 150 mm dia Pipe	Plain pipe from	53.70 MBGL to	300.50 MBGL	246.80 M.																																																						
Ø 150 mm dia Pipe	Slotted pipe from	300.50 MBGL to	305.50 MBGL	5.00 M.																																																						
Ø 150 mm dia Pipe	Plain pipe from	305.50 MBGL to	316.50 MBGL	11.00 M.																																																						
Ø 150 mm dia Pipe	Slotted pipe from	316.50 MBGL to	324.50 MBGL	8.00 M.																																																						
Ø 150 mm dia Pipe	Plain pipe from	324.50 MBGL to	330.50 MBGL	6.00 M.																																																						
Ø 150 mm dia Pipe	Slotted pipe from	330.50 MBGL to	334.50 MBGL	4.00 M.																																																						
Ø 150 mm dia Pipe	Bail Plug from	334.50 MBGL to	340.50 MBGL	6.00 M.																																																						
Total Assembly (AGL + BGL) -				341.00 M.																																																						
			ABSTRACT 1. Drilling Started on Dated - 12.02.2022 2. Drilling Completed on Dated - 17.02.2022 3. Drilling Depth - 600 mm Dia 60.00 M 450 mm Dia 300.00 M Total- 360.00 M 4. Assembly Lowered on dated- 24.02.2022 5. Assembly Lowered - (A) Housing pipe 300 mm dia (AGL) - 0.50 M (B) Housing pipe (Plain) 300 mm dia (BGL) - 53.50 M (D) Reducer (200 mm X 150 dia) - 0.20 M (E) Slotted pipe/screen - 150 mm dia - 17.00 M (F) Plain pipe 150 mm dia - 269.80 M Total assembly- 341.00 M 6. Pea Graavel - 64.2 Cum 7. Yield Test Date of T/w - N/A 8. Recommended Discharge - N/A																																																							
			LOGGING REPORT Depth Logged-347.00 Mbgl Date of Logging-18.02.2022 <table border="1"> <thead> <tr> <th>Sl.</th> <th>Depth Range Mbgl</th> <th>Thickness m.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>25 - 28</td> <td>3</td> <td>Moderate</td> </tr> <tr> <td>2</td> <td>33 - 37</td> <td>4</td> <td>Moderate</td> </tr> <tr> <td>3</td> <td>300 - 306</td> <td>6</td> <td>Good</td> </tr> <tr> <td>4</td> <td>316 - 325</td> <td>9</td> <td>Good</td> </tr> <tr> <td>5</td> <td>330 - 335</td> <td>5</td> <td>Good</td> </tr> <tr> <td>6</td> <td>339 - 342</td> <td>3</td> <td>Good</td> </tr> </tbody> </table> Note- (1). Zone SL.NO.1 and (2) are Fine Sand in Nature. 2. Quality of ground water is deteriorating marginal to saline in between 45.0 to 293.0 m bgl. Manager (G.W.)	Sl.	Depth Range Mbgl	Thickness m.	Remarks	1	25 - 28	3	Moderate	2	33 - 37	4	Moderate	3	300 - 306	6	Good	4	316 - 325	9	Good	5	330 - 335	5	Good	6	339 - 342	3	Good																											
Sl.	Depth Range Mbgl	Thickness m.	Remarks																																																							
1	25 - 28	3	Moderate																																																							
2	33 - 37	4	Moderate																																																							
3	300 - 306	6	Good																																																							
4	316 - 325	9	Good																																																							
5	330 - 335	5	Good																																																							
6	339 - 342	3	Good																																																							

Tele Fax : +91-0522-246-5512(O)
Mobile : + 91 - 9415141232
E-mail : geo.instruments.technic@gmail.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:21-22:LS:126

Dated: 18-02-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Oie
Block: Mahrajganj
District: Raibareilly
State: Uttar Pradesh
Drilling depth: 350.0 m bgl
Logging depth: 347.0 m bgl
Date of logging: 18-02-2022
Rm - 12.0 Ω m Rv - 13.5 Ω m

Tubewell Drilled By: NCC Limited, Raibareilly, Uttar Pradesh.

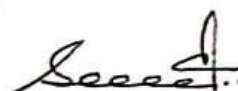
Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	25 - 28	03	Moderate
2.	33 - 37	04	Moderate
3.	300 - 306	06	Good
4.	316 - 325	09	Good
5.	330 - 335	05	Good
6.	339 - 342	03	Good

Note: 1. Zone Sl. No. 1 & 2 are Fine Sand in nature.

2. Quality of Ground Water is deteriorating marginal to Saline in between 45.0 to 293.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per
logs provided.
18/2
ASSISTANT HYDROGEOLOGIST
UPTRON INDIA LTD.
22, JAL NIGAM (PUL)
PRAYAGRAH