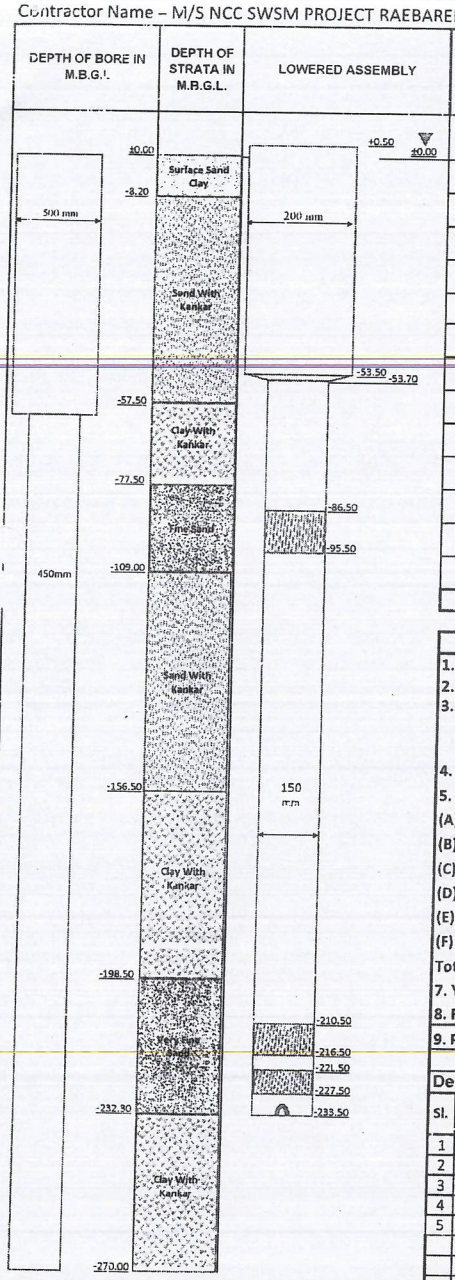
OFFICE OF THE EXECUTIVE ENGINEER
DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-BAGHAI AHALWAR , BLOCK-AMAWAN UNDER JJM PHASE-II--(647/ 01) District - Raebareli
Type of Rig Machine- D. C RIG MACHINE Size of Bore - 500 X 450mm, Static W/L- LPM-550
Contractor Name – M/S NCC SWSM PROJECT RAEBARELI



DETAILS OF ASSEMBLY

Ø 200 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	53.50	MBGL	53.50	M.
Ø 200 X Ø 150 mm dia	Reducer from	53.50	MBGL to	53.70	MBGL	0.20	M.
Ø 150 mm dia Plain pipe	Plain pipe from	53.70	MBGL to	86.50	MBGL	32.80	M.
Ø 150 mm dia Plain pipe	Slotted pipe from	86.50	MBGL to	95.50	MBGL	9.00	M.
Ø 150 mm dia Plain pipe	Plain pipe from	95.50	MBGL to	210.50	MBGL	115.00	M.
Ø 150 mm dia Plain pipe	Slotted pipe from	210.50	MBGL to	216.50	MBGL	6.00	M.
Ø 150 mm dia Plain pipe	Plain pipe from	216.50	MBGL to	221.50	MBGL	5.00	M.
Ø 150 mm dia Plain pipe	Slotted pipe from	221.50	MBGL to	227.50	MBGL	6.00	M.
Ø 150 mm dia Plain pipe	Plain pipe from	227.50	MBGL to	233.50	MBGL	6.00	M.
				Total Assembly (AGL + BGL) -		234.00	M.

ABSTRACT

1. Drilling Started on Dated –	26.02.2023
2. Drilling Completed on Dated --	31.03.2023
3. Drilling Depth – 500 mm Dia	60.00 M
450 mm Dia	210.00 M
Total-	270.00 M
4. Assembly lowered on Dated -- 6-4-2023	
5. Assembly Lowered -	
(A)Housing pipe 200 mm dia(AGL) -	0.50 M
(B)Housing pipe(Plain)200 mm dia(BGL) -	53.50 M
(C) Slotted pipe 200 mm dia -	0.00 M
(D) Reducer (200 mmX 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	21.00 M
(F) Plain pipe 150 mm dia -	158.80 M
Total assembly-	234.00 M
7. Yield Test Date of T/w - N/A	
8. Recommended Discharge - N/A	
9. Pea-Gravel - 41.05 Cum	

LOGGING REPORT (M/S Geo Instruments and Techniq's) REF:GIT:UP:23-24:LS:05 Dated-02-04-2023

Depth Logged-270.00 m bgl Date of Logging-01.03.2023

Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	30-37	7	Good
2	46-62	16	Good
3	86-96	10	Good
4	210-217	7	Good
5	221-228	7	Good

NOTE 1) Fine bands of kankar are intermixed with almost allthe zones

2) Zone Sl No 4 is highly intermixed with fine bands of kankar
3) Quality of Ground water is detriorating marginal to Saline in between 104.0 to 202.0 m and below 242.0 m to till depth logged .
4) Predominated clay is present in depth range in between 202.0 to 207.0 m bgl
5) Please ensure pre monsoon water level before lower the well assembly

Manager (G.W.)

Prepared & Proposed By
M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By
TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Recommended By
Assistant Engineer
(UPJN)

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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:23-24:LS: 05
Dated: 02-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baghai Ahalwar**
Block: **Amanwa**
District: **Raibareli**
State: **Uttar Pradesh**
Drilling depth: **280.0 m bgl**
Logging depth: **270.0 m bgl**
Date of logging: **01-03-2023**
Rm – **11.0 Ωm** Rw – **8.0 Ωm**

Borewell Drilled By: M/s **NCC Limited, Raebareli, U.P. India.**

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.	30 – 37	07	Good
2.	46 – 62	16	Good
3.	86 – 96	10	Good
4.	210 – 217	07	Good
5.	221 – 228	07	Good

Note: **1. Fine bands of Kankar are intermixed with almost all the Zones.**
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline in between 104.0 to 202.0 & below 242.0 to till depth logged.
4. Predominated Clay is present in depth range 202.0 to 207.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

G Sh
03/04/23

For Geo Instruments & Technic's

(S. Shukla)