

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

Lowered Assembly Plan-SUKRULLAPUR, BLOCK UNCHAHR JIM PHASE-II-(63R/46)

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 X 450mm.

State W/U-

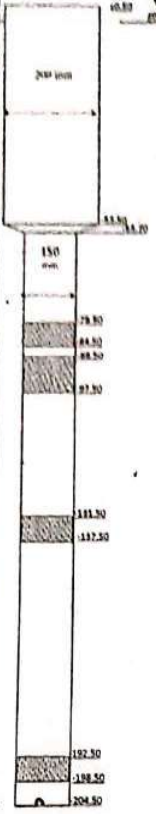
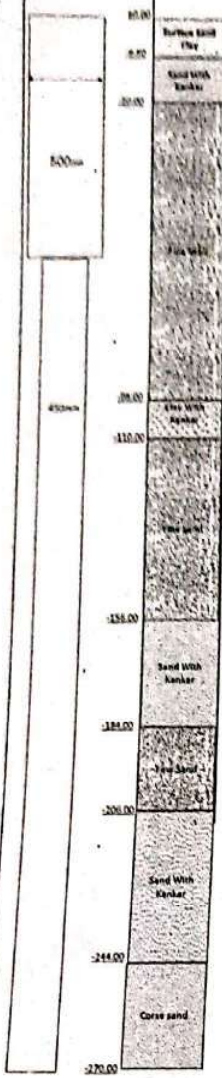
District -

Raebareilly

LPM-580

Contractor Name - M/S NCC SWSM PROJECT RAEBARELLI

DEPTH OF BORE IN M.B.G.L.	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY						
00.00	Surface Soil (1m)	150 mm	Ø 200 mm dia Housing	Plain pipe from (AOL)	0.00	MAGL to 0.60	MAGL	0.60	M.
0.60	Sand With Kankar	200 mm	Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to 63.60	MBGL	63.60	M.
20.00	150 mm	150 mm	Ø 200 X Ø 180 mm dia	Reducer	63.60	MBGL to 63.70	MBGL	0.20	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Plain pipe from	63.70	MBGL to 78.60	MBGL	24.80	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Slotted pipe	78.60	MBGL to 84.60	MBGL	6.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Plain pipe from	84.60	MBGL to 88.60	MBGL	4.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Slotted pipe	88.60	MBGL to 97.60	MBGL	9.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Plain pipe from	97.60	MBGL to 131.60	MBGL	34.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Slotted pipe	131.60	MBGL to 137.60	MBGL	6.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Plain pipe from	137.60	MBGL to 192.60	MBGL	55.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Slotted pipe	192.60	MBGL to 198.60	MBGL	6.00	M.
	150 mm	150 mm	Ø 180 mm dia Plain pipe	Plain pipe from	198.60	MBGL to 204.60	MBGL	6.00	M.
			Total Assembly (AGL + BGL) - 205.00 M.						



ABSTRACT

1. Drilling Started on Dated -	11.01.2024
2. Drilling Completed on Dated --	17.01.2024
3. Drilling Depth - 500 mm Dia	60.00 M
450 mm Dia	210.00 M
Total-	270.00 M
4. Assembly lowered on Dated -- 27-1-2024	
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 mm X 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	27.00 M
(F) Plain pipe 150 mm dia -	123.80 M
Total assembly-	205.00 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A

9. Pea - Gravel-39.40 Cum

LOGGING REPORT (Geo Instruments & Technic's) Ref:GIT:UP:23-24:LS:834 Dated 19-01-2024

Depth Logged-270m bgl Date of Logging-18.01.2024

Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	20-27	7	Good
2	30-36	6	Good
3	46-60	14	Good
4	78-85	7	Good
5	88-98	10	Good
6	106-121	15	Good
7	131-138	7	Good
8	152-156	4	Good
9	174-177	3	Good
10	180-184	4	Good
11	192-199	7	Good
12	202-206	4	Good
13	225-232	7	Moderate
14	240-244	4	Moderate

NOTE 1) Fine sand of kankar are Intermixed with almost all the zones

2) Zone SL No 2, 5, 6 & 11 are highly Intermixed with fine bands of kankar
3) Please ensure pre-monsoon water level before lower the well assembly

Manager (G.W.)



Prepared & Proposed By

PROJECT (SWSM) Raebarelli

Pankaj
TPIA
(CEINSYS)

Checked By

[Signature]
Junior Engineer
(UPJN)

Recommended By

[Signature]
Assistant Engineer
(UPJN)

Approved By

[Signature]
Executive Engineer
(UPJN)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 834

Dated: 19-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sukrullapur
Block: Unchahar
District: Raebareli
State: Uttar Pradesh
Date of Logging: 18-01-2024
Drilling Depth: 300.0 m bgl
Logging Depth: 270.0 m bgl
Rm - 11.0 Ω m Rw - 10.0 Ω m

Latitude: 25.8704050

Longitude: 81.3543730

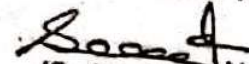
Borehole Drilled by: M/s NCC Limited, Raebareli, Uttar Pradesh India.

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 (meter)	Remark (Quality of Aquifer Water)
1.	20 - 27	07	Good
2.	30 - 36	06	Good
3.	46 - 60	14	Good
4.	78 - 85	07	Good
5.	88 - 98	10	Good
6.	106 - 121	15	Good
7.	131 - 138	07	Good
8.	152 - 156	04	Good
9.	174 - 177	03	Good
10.	180 - 184	04	Good
11.	192 - 199	07	Good
12.	202 - 206	04	Good
13.	225 - 232	07	Good
14.	240 - 244	04	Moderate
			Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 2, 5, 6 & 11 are highly intermixed with fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

Regd. Office : V.V.I.P. Road, Near Pakri Ka P...