

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

Lowered Assembly Plan-Kalyanpur Raii, BLOCK-sataon UNDER JIM PHASE-II--(237/45)
Type of Rig Machine- D. C RIG MACHINE
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

District -

Raebareli

Size of Bore - 500 X 450mm,

Static W/L-

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L	LOWERED ASSEMBLY	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	47.50	MBGL	47.50	M.
			Ø 200 X Ø 150 mm dia	Reducer from	47.50	MBGL to	47.70	MBGL	0.20	M.
			Ø 150 mm dia pipe	Plain pipe from	47.70	MBGL to	51.50	MBGL	3.80	M.
			Ø 150 mm dia pipe	Slotted pipe from	51.50	MBGL to	57.50	MBGL	6.00	M.
			Ø 150 mm dia pipe	Plain pipe from	57.50	MBGL to	61.50	MBGL	4.00	M.
			Ø 150 mm dia pipe	Slotted pipe from	61.50	MBGL to	71.50	MBGL	10.00	M.
			Ø 150 mm dia pipe	Plain pipe from	71.50	MBGL to	77.50	MBGL	6.00	M.
			Total Assembly (AGL + BGL) - 78.00 M.							
ABSTRACT										
1. Drilling Started on Dated -				15.04.2022						
2. Drilling Completed on Dated -				24.04.2022						
3. Drilling Depth - 500 mm Dia				53.00 M						
450 mm Dia				287.00 M						
Total-				340.00 M						
4. Assembly lowered on Dated -				29.04.2021						
5. Assembly Lowered -										
(A) Housing pipe 200 mm dia(AGL) -				0.50 M						
(B) Housing pipe(Plain)200 mm dia(BGL) -				47.50 M						
(D) Reducer (200 mmX 150 dia) -				0.20 M						
(E) Slotted pipe/screen - 150 mm dia-				16.00 M						
(F) Plain pipe 150 mm dia -				13.80 M						
Total assembly-				78.00 M						
6. Pea Graevel -				38.58 Cum						
7. Yield Test Date of T/w -				N/A						
8. Recommended Discharge -				N/A						
LOGGING REPORT (M/S Geo Instruments and Techniq's)										
Depth Logged-340.00 m bgl								Date of Logging-26.04.2022		
Sl.	Depth Range Mbg	Thickness m.	Remarks							
1	30-36	6	Good							
2	51-58	7	Good							
3	61-72	11	Good							
Note 1) Fine bands kariz are intermixed almost all the Zone										
2)Quality of ground water is deteriorating marginal to saline in between 103.0 to till depth logged.										

Manager (G.W.)

Prepared & Executed By

M/S NCC
PROJECT (SWSM Raebareli)
M-Raeb

TPIA
(CEINSYS)

Checked By

Junior Engineer
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Recommended By

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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:21-22:LS: 28
Dated: 27-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kalyanpur Railli
Block: Saton
District: Raebarell
State: Uttar Pradesh
Drilling depth: 352.0 m bgl
Logging depth: 340.0 m bgl
Date of logging: 26-04-2022
Rm - 16.0 Ω m Rw - 13.0 Ω m

Borewell Drilled By: NCC Limited, Raebarell, 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.	30 - 36	06	Good
2.	51 - 58	07	Good
3.	61 - 72	11	Good

Note: 1. Fine bands of Kankar are intermixed almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to saline in below 103.0 m bgl to till depth Logged.

Verified as per logs provided.

C. S. K.
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
O.P. JAIN NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)