

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

Lowered Assambly Plan-MAJHIGAVAN RAO , BLOCK-HARCHANDPUR UNDER JJM PHASE-II--(573/ 35)

District -

Raebareli

Type of Rig Machine- D. C RIG MACHINE

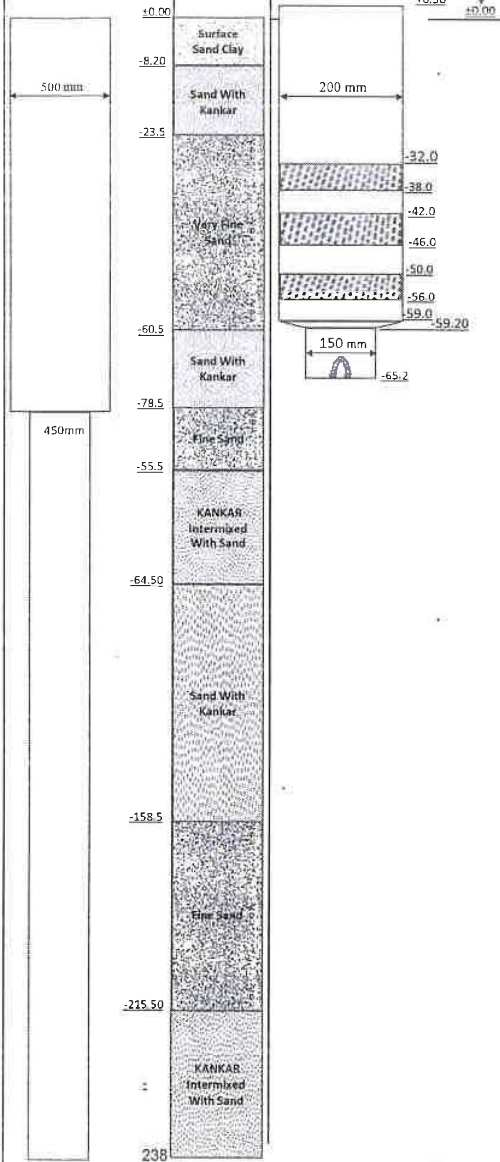
Size of Bore - 500 X 450mm,

Static W/L-

LPM-430

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	+0.50 ▽ +0.00	Ø 200 mm dia Housing	Plain pipe from (AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
	-8.20		Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	32.00	MBGL	32.00	M.
	-23.5		Ø 200 mm dia pipe	Slotted pipe from	32.00	MBGL to	38.00	MBGL	6.00	M.
	-32.0		Ø 200 mm dia pipe	Plain pipe from	38.00	MBGL to	42.00	MBGL	4.00	M.
	-38.0		Ø 200 mm dia pipe	Slotted pipe from	42.00	MBGL to	46.00	MBGL	4.00	M.
	-42.0		Ø 200 mm dia pipe	Plain pipe from	46.00	MBGL to	50.00	MBGL	4.00	M.
	-46.0		Ø 200 mm dia pipe	Slotted pipe from	50.00	MBGL to	56.00	MBGL	6.00	M.
	-50.0		Ø 200 mm dia pipe	Plain pipe from	56.00	MBGL to	59.00	MBGL	3.00	M.
	-56.0		Ø 200 X Ø 150 mm dia	Reducer from	59.00	MBGL to	59.20	MBGL	0.20	M.
	-59.0		Ø 150 mm dia Plain pipe	Plain pipe from	59.20	MBGL to	65.20	MBGL	6.00	M.
	-60.5									
	-65.2									
	-78.5									
	-55.5									
	-64.50									
	-158.5									
	-215.50									
	238									
			Total Assembly (AGL + BGL) - 65.70 M.							



ABSTRACT			
1. Drilling Started on Dated --	04.04.2023		
2. Drilling Completed on Dated --	11.04.2023		
3. Drilling Depth --	500 mm Dia 66.00 M 450 mm Dia 172.00 M Total- 238.00 M		
4. Assembly lowered on Dated --	16-4-2023		
5. Assembly Lowered -			
(A) Housing pipe 200 mm dia (AGL) -	0.50 M		
(B) Housing pipe (Plain) 200 mm dia (BGL) -	43.00 M		
(C) Slotted pipe 200 mm dia -	16.00 M		
(D) Reducer (200 mm X 150 dia) -	0.20 M		
(E) Slotted pipe 150 mm dia -	0.00 M		
(F) Plain pipe 150 mm dia -	6.00 M		
Total assembly-	65.70 M		
7. Yield Test Date of T/w -	N/A		
8. Recommended Discharge -	N/A		
9. pea- Grevel- cum	28.57		
LOGGING REPORT (M/S Geo Instruments and Techniq's) REF:GIT:UP:22-23:LS:42 Dated-14-3-2023			
Depth Logged-238.00 m bgl	Date of Logging-12.04.2023		
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	20-26	6	Good
2	28-38	10	Good
3	42-46	4	Good
4	50-56	6	Good
5	212-222	10	Moderate
1) Zone SL NO 1 & 4 are Highly intermixed with fine bands of kankar			
2) Quality of ground water is deteriorating marginal to saline in between 64.0 m bgl to 190.0m bgl to till depth logged.			
3) Clay and Kankar Intercalation is Present in Depth range 192.0 to 210.0 m bgl.			
4) Pl ensure the pre -manson water level before lower the well Assembly.			

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

M/S NCC,
PROJECT (SWSM-Raebareli)

TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Assistant Engineer
(UPJN)

Executive Engineer
(UPJN)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 23-24:LS: 42
 Dated: 14-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Majhigava Rao**
 Block: **Harchandpur**
 District: **Raibareli**
 State: **Uttar Pradesh**
 Drilling depth: **270.0 m bgl**
 Logging depth: **238.0 m bgl**
 Date of logging: **12-04-2023**

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.	20 - 26	06'	Good
2.	28 - 38	10	Good
3.	42 - 46	04	Good
4.	50 - 56	06	Good
5.	212 - 222	10	Moderate

Note: 1. Zone Sl. No. 1 & 4 are highly intermixed with fine bands of kankar.

2. Quality of ground water is deteriorating Marginal to Saline in between 64.0 m bgl to 190.0 m bgl.

3. Clay and Kankar intercalation is present in depth range 192.0 to 210.0 m bgl.

4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

G. Ghosh
 14/04/23