

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

Hasanpur - Down Cont-3
Motor - 15-HP
Setor - 21 Kw

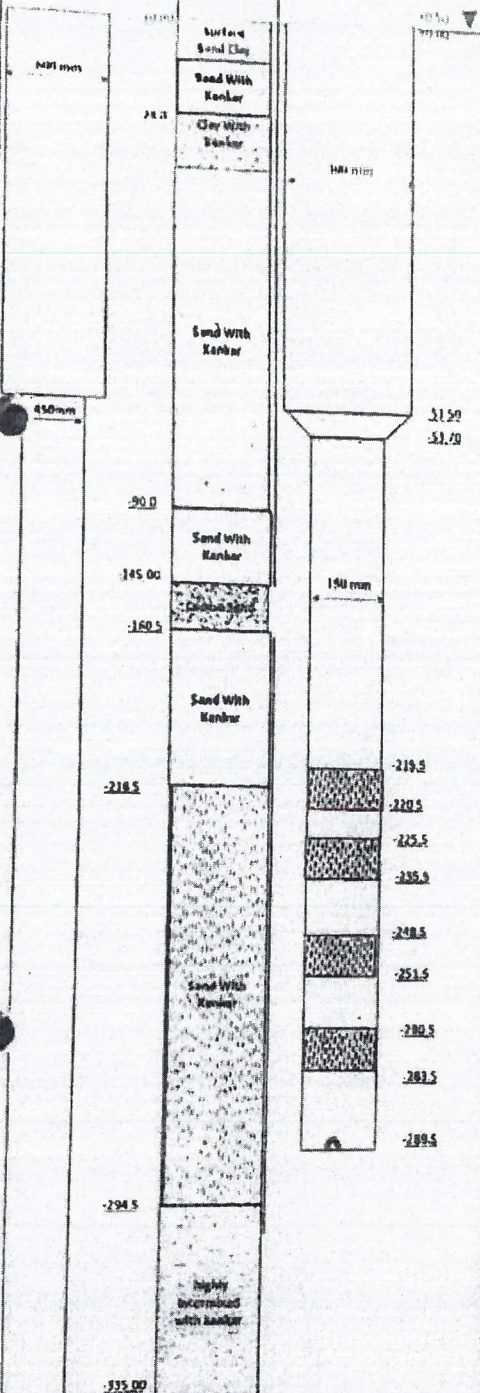
Lowered Assembly Plan Hasanpur, BLOCK Mahabharaj (II) UNDER IIM PHASE II (132/08)
Type of Rig Machine - D. C. RIG MACHINE
Contractor Name - M/S NCC SWSM PROJECT RAJBARAJ

Size of Bore - 600 X 450mm

District -

Phase -

DEPTH OF BORE IN M.B.G.L.	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY							
0.00	0.00	Surface Sand Clay	Ø 300 mm dia Housing	Plain pipe from (AGL)	0.50	MISGL to	0.50	MISGL	0.50	M
0.00	0.00	Sand With Kankar	Ø 300 mm dia Housing	Plain pipe from (BGL)	53.50	MISGL to	53.50	MISGL	53.50	M
0.00	0.00	Clay With Kankar	Ø 300 X Ø 150 mm dia Reducer from		0.20	MISGL to	0.20	MISGL	0.20	M
0.00	0.00		Ø 150 mm dia Plain pipe	Plain pipe from	21.00	MISGL to	21.00	MISGL	21.00	M
0.00	0.00		Ø 150 mm dia Plain pipe	Slotted pipe from	215.50	MISGL to	215.50	MISGL	215.50	M
0.00	0.00		Ø 150 mm dia Plain pipe	Plain pipe from	225.50	MISGL to	225.50	MISGL	225.50	M
0.00	0.00		Ø 150 mm dia Plain pipe	Slotted pipe from	225.50	MISGL to	235.50	MISGL	10.00	M
0.00	0.00		Ø 150 mm dia Plain pipe	Plain pipe from	235.50	MISGL to	235.50	MISGL	13.00	M
0.00	0.00		Ø 150 mm dia Plain pipe	Slotted pipe from	248.50	MISGL to	251.50	MISGL	3.00	M
0.00	0.00		Ø 150 mm dia Plain pipe	Plain pipe from	251.50	MISGL to	280.50	MISGL	29.00	M
0.00	0.00		Ø 150 mm dia Plain pipe	Plain pipe from	280.50	MISGL to	283.50	MISGL	3.00	M
0.00	0.00		Ø 150 mm dia Plain pipe	Plain pipe from	283.50	MISGL to	283.50	MISGL	6.00	M
Total Assembly (AGL + BGL) -									290.00	M



ABSTRACT	
1. Drilling Started on Dated -	26-03-2022
2. Drilling Completed on Dated -	05-04-2022
3. Drilling Depth - 600 mm Dia	60.00 M
450 mm Dia	275.00 M
Total-	335.00 M
4. Assembly lowered on Dated -	09.04.2021
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 (300 mm X 150 dia) -	0.20 M
(E) Slotted pipe/screen - 150 mm dia -	21.00 M
(F) Plain pipe 150 mm dia -	214.80 M
Total assembly -	290.00 M
6. Pen Gravel -	60.24 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 - 335.00 m bgl			Date of Logging - 06.04.2022	
Sl.	Depth Range MbgL	Thickness m.	Remarks	
1	20-24	4	Good	
2	30-40	10	Good	
3	56-59	3	Good	
4	62-65	3	Good	
5	75-82	7	Good	
6	215-221	6	Good	
7	225-236	11	Good	
8	248-252	4	Good	
9	280-284	4	Good	
10	314-318	4	Good	
11	321-326	5	Good	

Notes- 1) Zones Sr. no 3, 4, 6 and 10 fine sand in nature.
2) Zones Sr. no 7 to 10 are intermixed with kankar.
3) Zone Sr. no 10 to 11 are highly intermixed with kankar.
4) Quality of ground water is deteriorating marginal to saline in between 135.0 to 180.0 m bgl

Manager (G.W.)

Prepared & Checked By
M/S NCC SWSM PROJECT (SWSM-Hasanpur)

TPIA
(CEINSYS)

Checked By

Apal
Junior Engineer
(UPJN)

Recommended By

Assistant Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)

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: 13

Dated: 06-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Hasanpur
Block: Maharajganj
District: Raebareli
State: Uttar Pradesh
Drilling depth: 350.0 m bgl
Logging depth: 335.0 m bgl
Date of logging: 06-04-2022
Rm - 15.0 Ω m Rw - 13.0 Ω m

Tubewell Drilled By: NCC Limited, Raebareli, 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.	20 - 24	04	Good
2.	30 - 40	10	Good
3.	56 - 59	03	Good
4.	62 - 65	03	Good
5.	75 - 82	07	Good
6.	215 - 221	06	Good
7.	225 - 236	11	Good
8.	248 - 252	04	Good
9.	280 - 284	04	Good
10.	314 - 318	04	Good
11.	321 - 326	05	Good

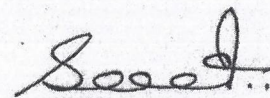
Note: 1. Zone Sl. No. 3, 4, 6 and 10 are Fine Sand in Nature.

2. Zone Sl. No. 7 to 11 are intermixed with Kankar.

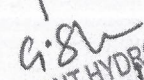
3. Zone Sl. No. 10 & 11 are Highly intermixed with Kankar.

4. Quality of Ground Water is deteriorating Marginal to Saline in between 135.0 to 180.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.


ASSISTANT HYDROGEOLOGIST
U.P. JAL NIGAM (RURAL)