

265.00

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

of Assembly Plan BEJHA 15AU, BLOCK-DALMAU IIA PHASE II - (BEF/13)
 of Rig Machine - D C PIG MACHINE
 Factory Name - M/S NICE SWISS PROJECT RAEBARLI
 Size of Bore - 500 X 450 mm, Static W/L
 District - Raebareilly IPIA 510

DEPTH OF BORE IN MBGL	DEPTH OF STRATA IN MBGL	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY			
			Ø 200 mm dia Housing	Plain pipe from (AGL)	0.00 MBGL to 0.50 MBGL	0.50 M
			Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00 MBGL to 41.00 MBGL	41.00 M
			Ø 200 mm dia Plain pipe	Slotted pipe	41.00 MBGL to 45.00 MBGL	4.00 M
			Ø 200 mm dia Plain pipe	Plain pipe from	45.00 MBGL to 64.00 MBGL	19.00 M
			Ø 200 X Ø 150 mm dia	Reducer from	64.00 MBGL to 64.20 MBGL	0.20 M
			Ø 150 mm dia Plain pipe	Plain pipe from	64.20 MBGL to 67.20 MBGL	3.00 M
			Ø 150 mm dia Plain pipe	Slotted pipe	67.20 MBGL to 83.50 MBGL	16.30 M
			Ø 150 mm dia Plain pipe	Plain pipe from	83.50 MBGL to 84.00 MBGL	0.50 M
			Ø 150 mm dia Plain pipe	Slotted pipe	84.00 MBGL to 117.00 MBGL	33.00 M
			Ø 150 mm dia Plain pipe	Plain pipe from	117.00 MBGL to 121.00 MBGL	4.00 M
			Ø 150 mm dia Plain pipe	Slotted pipe	121.00 MBGL to 127.00 MBGL	6.00 M
			Ø 150 mm dia Plain pipe	Plain pipe from	127.00 MBGL to 127.50 MBGL	0.50 M
			Total Assembly (AGL + BGL) - 127.50 M			

ABSTRACT	
1. Drilling Started on Dated -	26.01.2024
2. Drilling Completed on Dated -	02.02.2024
3. Drilling Depth -	500 mm Dia
	450 mm Dia
	Total -
	2050.00 M
4. Assembly lowered on Dated -	23-2-2024
5. Assembly Lowered -	
(A) Housing pipe 200 mm dia (AGL) -	0.50 M
(B) Housing pipe (Plain) 200 mm dia (BGL) -	50.00 M
(C) Slotted pipe 200 mm dia -	4.00 M
(D) Reducer (200 mm X 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	16.30 M
(F) Plain pipe 150 mm dia -	33.00 M
Total assembly -	127.50 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A
9. Pits -	Gravel - 30.51 Cum

LOGGING REPORT (Geo Instruments & Techniques) Ref:GIT/UP/23-24/LS/254 Dated 03-02-2024
 Date of Logging - 03-02-2024

Sl. No.	Depth Range (Mbt)	Thickness (m)	Remarks
1	20-27	7	Good
2	41-45	4	Good
3	57-64	7	Good
4	67-84	17	Moderate
5	117-127	10	Good to Moderate

NOTE: 1) Formation more suitable to depositing material in bore below 30 MBGL to 143 mbgl. Good clay encountered in between 143 to 147 mbgl. Reported 143 mbgl to moderate zone at 203.50.

Prepared & Checked By: *[Signature]*
 Checked By: *[Signature]*
 Approved By: *[Signature]*
 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:23-24:LS: 854

Dated: 03-02-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bejhla Mau**
Block: **Dalmau**
District: **Raebareli**
State: **Uttar Pradesh**
Date of Logging: **03-02-2024**
Drilling Depth: **280.0 m bgl**
Logging Depth: **277.0 m bgl**
Rm - **17.0Ωm** Rw - **15.0 Ωm**

Latitude: **26.0924390** Longitude: **81.1156700**

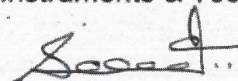
Borehole Drilled by: M/s NCC Limited, Raebareli, Uttar Pradesh.

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 with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 - 27	07	Good
2.	41 - 45	04	Good
3.	57 - 64	07	Good
4.	80 - 84	04	Moderate
5.	117 - 121	04	Good to Moderate

- Note: 1. The TDS value with Zone SL No. 4 is approximate 700 to 800.
2. Quality of ground water is deteriorating marginal to saline below 126.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)