

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: PJM:22-23:LS: 308

Dated: 15-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ahiroula LA-26.425972
Block: Bhatni Lo-83.914871
District: Deoria
State: Uttar Pradesh
Date of logging: 15-06-2022
Drilling depth: 150.0 m bgl
Logging Depth: 145.0 m bgl
Rm - 15.0 Ω m Rw - 34.0 Ω m

Borehole Drilled by: M/s L C Infra TCEL Joint Venture Deoria, U. P.

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.	34 - 38	04	Good
2.	45 - 53	08	Good
3.	55 - 62	07	Good
4.	71 - 81	10	Good
5.	95 - 99	04	Good
6.	107 - 118	11	Good
7.	122 - 130	08	Good
8.	134 - 140	06	Good

Note: Fine Bands of Kankar are intermixed with almost all the Zones.

For Geo Instruments & Technic's

(S. Shukla)

Verified as per
logs provided.
ASSISTANT GEOLOGIST
YANTRIK MANDAL
PRAYAGRAJ

LA. 26.34-3343

23 24 25 26 27

14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

Thursday

Week 02 • (006-359) 2022

06

Lowering OF T.W Assembly at Ahirauli T.W Drona
Drilling / Lowering - 145/130m T.W Assembly size - 300x150
Bore size - 675 X 500mm Recommended Discharge - 700 L.P.M
Logging Date - 20-06-2022 D.O.L - 20-06-2022

Logging Report

1, 34-38 → 04m	mmmm	6.30	0.50m
2, 45-53 → 08m		6.10	
3, 55-62 → 07m		6.04	
4, 71-81 → 10m		6.01	
5, 95-99 → 04m		6.01	
6, 107-118 → 11m		6.05	35.92m
7, 122-130 → 08m			0.20m 36.12m
8, 134-140 → 06m		6.10	
		6.06	
* Starts as per actual:		6.09	35.38m
0 - 16m clay		5.91	
16 - 22m F.Sand		6.03	
22 - 32m clay		5.19	71.50m
32 - 40m F.Sand	6.00		9.00m
40 - 46m Sandy clay	3.00		80.50m
46 - 60m F.Sand + Kanker		6.07	
60 - 71m clay		6.12	
71 - 81m M.Sand		6.04	27m
81 - 89m clay		2.75	
89 - 95m F.Sand		6.02	107.50m
95 - 106m clay	6.00		9.00m
106 - 117m M.Sand	3.00		116.50m
117 - 122m clay		6.03	122.53m
122 - 130m M.Sand			3.00 125.53m
130 - 145m clay		3.32	3.32 128.85m

(Sampuranand)
J.E.

Babli Karmar
(Le. Infra)

Important