



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: PJM:22-23:LS: 1K 146
Dated: 10-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhilauri Urf Bhadauri
Block: Khuniyaon
District: Siddarth Nager
State: Uttar Pradesh
Drilling Depth: 180.0 m bgl
Logging Depth: 162.0 m bgl
Date of logging: 08-01-2023
Rm - 44.0 Ω m Rw - 60.0 Ω m

Borehole Drilled by: M/s MEIL, Siddarth Nager, 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.	18 - 25	07	Good
2.	34 - 37	03	Good
3.	51 - 64	13	Good
4.	70 - 80	10	Good
5.	90 - 102	12	Good
6.	124 - 136	12	Good

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

Verified as per
logs provided
G.Sh
10/01/23

For Geo Instruments & Technic's

(S. Shukla)

Particulars

Details of actual measurement

Contents



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WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

PROPOSED STRATA CHART



Cover Agreement No. :-

Name of District:- SIDDHARTH NAGAR

Scheme Name:- BHILLAURI BHILLAURA

Name of Activity:- LOWERING OF TUBEWELL

Block Name:- KHUNIYAON

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5M	200 mm Dia housing pipe to 35.62 M
			6.00	200 x 150mm reducer from 35.62 M to 35.82 M
			5.98	150mm dia plain pipe from 35.82 M to 71.90 M
			6.07	150mm dia slotted pipe from 71.90 M to 77.90 M
18.06		CLAY	6.03	150mm dia plain pipe from 77.90 M to 92.94 M
25.16		MEDIUM SAND	6.00	150mm dia slotted pipe from 92.94 M to 98.94 M
		CLAY	6.04	150mm dia plain pipe from 98.94 M to 104.94 M
34.12			0.2	150mm dia slotted pipe from M to M
37.31		FINE SAND	35.62	150mm dia plain pipe from M to M
			35.82	150mm dia slotted pipe from M to M
		CLAY	6.02	150mm dia plain pipe from M to M
			6.02	150mm dia slotted pipe from M to M
51.13			6.01	150mm dia plain pipe from M to M
		MEDIUM SAND	6.01	150mm dia slotted pipe from M to M
64.15			6.01	
		CLAY		Total Assembly- 104.94 M+AGL 0.5= 105.44 M
70.19			71.9	ABSTRACT
		MEDIUM SAND	77.9	Date of Lowering-
80.24			6.02	LPM- 306LPM
		CLAY	6.02	Drilling Depth- M
			3.00	Assembly Lowered- 105.44 M
96.13			92.94	Housing Pipe- 36.12 M
		MEDIUM SAND	98.94	Plain Pipe- 57.12 M
102.41			6.0	Slotted Pipe- 12.00 M
		CLAY	104.94	Reducer- 0.20 M
			+0.5	LOGGING REPORT
124.12			105.44m	Date of Logging-
				Logging Depth-
136.54				18-25 = 07
				34-37 = 03
				51-64 = 13
162m				70-80 = 10
				90-102 = 12
				124-136 = 12



TPI

J.E.

सहायक अभियन्ता
खण्ड कार्यालय (वि०/याँ०)
उ० प्र० जल निगम (गोरखपुर)