

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:23-24:LS: 13

Dated: 03-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Telaura
Block: Bansi
District: Siddarth Nagar
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 170.0 m bgl
Date of logging: 01-04-2023
Rm - 14.0 Ω m Rw - 15.0 Ω m

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd.
Siddarth Nagar, 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 (meter)	Remark (Quality of Aquifer Water)
1.	24 - 31	07	Good
2.	38 - 48	10	Good
3.	54 - 57	03	Good
4.	60 - 67	07	Good
5.	90 - 94	04	Good
6.	116 - 126	10	Good
7.	136 - 146	10	Good
8.	160 - 164	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 6 to 8 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*G. Gh
03/04/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)



Cover Agreement No. :-

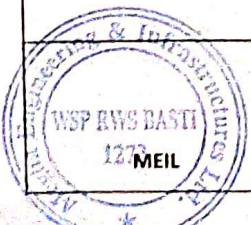
Name of District:- SIDDHARTH NAGAR

Scheme Name:- TELAURA

Name of Activity :- LOWERING OF TUBEWELL

Block Name:- BANSI

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5M AGL	200 mm Dia housing pipe to 35.60 M
			6.00	200 x150mm reducer from 35.60 M to 35.80 M
			6.00	150mm dia plain pipe from 35.80 M to 60.67 M
			6.03	150mm dia slotted pipe from 60.67 M to 66.67 M
			6.03	150mm dia plain pipe from 66.67 M to 136.82 M
			6.03	150mm dia slotted pipe from 136.82 M to 142.84 M
			6.02	150mm dia plain pipe from 142.84 M to 148.84 M
			6.02	150mm dia slotted pipe from 148.84 M to M
24.13		MEDIUM SAND	0.2	150mm dia plain pipe from M to M
31.09			6.03	150mm dia slotted pipe from M to M
38.22		MEDIUM SAND	6.02	150mm dia plain pipe from M to M
			6.02	150mm dia slotted pipe from M to M
48.24		MEDIUM SAND	4.80	150mm dia plain pipe from M to M
			2.00	150mm dia slotted pipe from M to M
54.13		MEDIUM SAND		
57.09				
60.12		MEDIUM SAND	6.00	Total Assembly- 148.84 M+AGL 0.5= 149.34 M
67.33		MEDIUM SAND	6.00	
			6.00	ABSTRACT
			6.00	Date of Lowering-
			6.03	LPM-
			6.01	Drilling Depth- M
90.12		FINE SAND	6.02	Assembly Lowered- 149.34 M
94.04			6.01	Housing Pipe- 36.10 M
			6.03	Plain Pipe- 101.02 M
			6.01	Slotted Pipe- 12.02 M
			6.03	Reducer- 0.20 M
			6.00	
116.27		FINE SAND	6.00	LOGGING REPORT
			4.01	Date of Logging-
126.23				Logging Depth-
				24.31 = 07
136.17		MEDIUM SAND	6.02	38.48 = 10
				54.57 = 03
146.14				60.67 = 07
				90.94 = 04
168.21		FINE SAND	6.00	116.126 = 10
164.09			0	136.146 = 10
				160.164 = 04
175M				



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J.E.

सहायक अभियन्ता
जल संवर्धन विभाग
A.E.