

# 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: 1K50

Dated: 28-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sonaura  
Block: Jogia Khas  
District: Siddharth Nagar  
State: Uttar Pradesh  
Drilling Depth: 173.0 m bgl  
Logging Depth: 169.0 m bgl  
Date of logging: 28-12-2022  
Rm - 58.0  $\Omega$ m Rw - 80.0  $\Omega$ m

Borehole Drilled by: M/s VSAIPPL-SMC JV, Siddharth Nagar, 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.	29 - 33	04	Good
2.	36 - 40	04	Good
3.	57 - 64	07	Good
4.	70 - 74	04	Good
5.	80 - 83	03	Good
6.	93 - 107	14	Good
7.	126 - 130	04	Good
8.	142 - 149	07	Good
9.	155 - 159	04	Good

Note: 1. Fine bands of Kankar are intermixed with Zones Sl. No. 2, 6, 8 & 9.

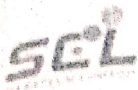
2. Zone Sl. No. 1 is fine sand in nature.

*Verified as per logs provided.*

*G.Sh  
29/12/22*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)



# VSAIPPL-SCL JOINT VENTURE

SWS PROJECT, SIDHARTH NAGAR, U.P.

STRATA CHART



Order Agreement No. 2

Name of District: **SIDDHARTHA NAGAR**

Scheme Name: **SONAURA**

Name of Activity: **T/W**

Block Name: **JOGIA KHAS**

Depth B.G.L. Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 41.41 M
				200 x 150mm reducer from 41.41 M to 41.61 M
				150mm dia plain pipe from 41.61 M to 94.25 M
				150mm dia slotted pipe from 94.25 M to 106.34 M
				150mm dia plain pipe from 106.34 M to 142.41 M
				150mm dia slotted pipe from 142.41 M to 148.42 M
				150mm dia plain pipe from 148.42 M to 154.41 M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly: 154.41 M; AGL D.S. = 154.41 M
				<b>ABSTRACT</b>
				Date of Lowering: 31-12-2022
				LPM: 550
				Drilling Depth: 173 M
				Assembly Lowered: 154.41 M
				Housing Pipe: 41.41 M
				Plain Pipe: 58.63 M
				Slotted Pipe: 18.1 M
				Reducer: 0.20 M
				<b>LOGGING REPORT</b>
				Date of Logging: 28.12.2022
				Logging Depth: 169.0 M
				1. 29-33 = 04
				2. 36-40 = 04
				3. 57-64 = 07
				4. 70-74 = 04
				5. 80-83 = 03
				6. 93-107 = 14
				7. 126-130 = 04
				8. 142-149 = 07
				9. 155-159 = 04

VSAIPPL-SCL(JV)

TPI

J.E.

A.E.

E.E.

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