

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: 1 R 5

Dated: 24-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: ⁰³¹ Jeeva Rai
 Block: Shanwapur
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 175.0 m bgl
 Logging Depth: 173.0 m bgl
 Date of logging: 23-12-2022
 Rm - 12.0 Ω m Rw - 14.0 Ω m

Borehole Drilled by: M/s S.C.L 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.	20 - 24	04	Good
2.	35 - 40	05	Good
3.	45 - 55	10	Good
4.	64 - 71	07	Good
5.	82 - 86	04	Good
6.	93 - 103	10	Good
7.	106 - 109	03	Good
8.	127 - 131	04	Good
9.	145 - 152	07	Good
10.	157 - 161	04	Good
11.	168 - 172	04	Good

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

~~2.~~ Zone Sl. No 3 is highly intermixed with Kankar.

~~3.~~ Zone Sl. No 3 & 6 is highly intermixed with thin band of Kankar.

*Verified as per logs provided.
Geo
24/12/22*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Regd. Office : V.V.I.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005



VSAIPPL-SCL JOINT VENTURE

SWS PROJECT, SIDDHARTH NAGAR, U.P.

STRATA CHART



Cover Agreement No. :-

Name of District: **SIDDHARTH NAGAR**

Block Name: **BHANWAPUR**

Scheme Name: **JEWAR RAI**

Name of Activity: **T/W**

Depth B.G.L Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm dia housing pipe to 41.64 M
				200 x 150mm reducer from 41.64 M to 41.84 M
				150mm dia plain pipe from 41.84 M to 93.51 M
				150mm dia slotted pipe from 93.51 M to 102.54 M
				150mm dia plain pipe from 102.54 M to 127.50 M
				150mm dia slotted pipe from 127.50 M to 130.50 M
				150mm dia plain pipe from 130.50 M to 136.51 M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly 136.51 M + AGL 0.5 = 137.01 M
				ABSTRACT
				Date of Lowering: 28-12-2022
				LPM: 350
				Drilling Depth- 175 M
				Assembly Lowered- 136.51 M
				Housing Pipe- 41.64 M
				Plain Pipe- 82.64 M
				Slotted Pipe- 12.03 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging: 23-12-2022
				Logging Depth- 173 M
				1) 20-24 = 04
				2) 35-40 = 05
				3) 45-55 = 10
				4) 64-71 = 07
				5) 82-86 = 04
				6) 93-103 = 10
				7) 106-109 = 03
				8) 127-131 = 04
				9) 145-152 = 07
				10) 157-161 = 04
				11) 168-173 = 04



VSAIPPL-SCL (IV)

TPI

J.E.

A.E.

E.E.

