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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: 732
Dated: 12-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Q = 600 LPM
T/W Size = 150 X 300 mm
165/150 m
Slotted = 18 m

Site: Khardevari & Chauepur
Block: Khuniyaon
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 180.0 m bgl
Logging Depth: 169.0m bgl
Date of logging: 10-06-2023
Rm – 20.0 Ωm Rw – 15.0 Ωm

Borehole Drilled by: M/s SCL infratech Ltd (VSA-SCL), 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.	16 – 20	04	Good
2.	24 – 28	04	Good
3.	31 – 35	04	Good
4.	45 – 52	07	Good
5.	66 –70	04	Good
6.	73 – 83	10	Good
7.	86 – 96	10 = 6	Good
8.	110 – 117	07 = 6	Good
9.	120 – 126	06	Good
10.	135 – 142	07 = 6	Good
11.	148 – 155	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 4, 6, 7 & 11 are highly intermixed with thin bands of Kankar.

Verified as per logs provided
G.Sh
12/06/23

For Geo Instruments & Technic's

(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

Agreement No.

Name of District: Siddarth Naga

Block Name: Khunjaun

Name of Activity:

Depth of G.L Meter	Boring Chart	Strata	Executed Assembly
11		Clay	
20		Thin Sand	
24		Clay	
28		Thin Sand	
31		Clay	
35		Thin Sand	
95		Clay	
52		Thin Sand Kankar	
66		Clay	
76		Thin Sand	
73		Clay	
83		Thin Sand Kankar	
81		Clay	
96		Thin Sand Kankar	
110		Clay	
117		Thin Sand	
120		Clay	
126		Thin Sand	
135		Clay	
142		Thin Sand Kankar	
140		Clay	
155		Midum Sand Kankar	

0.50 GL

41.50

41.70

-46.28

-27.98

93.99

-16.51

110.50

116.50

-19.01

135.51

141.52

147.54 (-5) = 148.04

ASSEMBLY DETAILS

300 mm Dia housing pipe from 41.50 M

300*150mm reducer from 41.50 M to 41.70 M

150mm dia plain pipe from 41.70 M to 07.90 M

150mm dia slotted pipe from 07.90 M to 93.99 M

150mm dia plain pipe from 93.99 M to 110.50 M

150mm dia slotted pipe from 110.50 M to 116.50 M

150mm dia plain pipe from 116.50 M to 135.51 M

150mm dia slotted pipe from 135.51 M to 141.52 M

150mm dia plain pipe from 141.52 M to 147.54 M

Total Assembly 147.54 M + AGL 0.5 = 140.04

ABSTRACT

Date of Lowering 14-6-2023

LPM- 600

Drilling Depth- 180 M

Assembly Lowered- 140.04

Housing Pipe- 42.00 M

Plain Pipe- 87.82 M

Slotted Pipe 10.02 M

Reducer 0.20 M

LOGGING REPORT

Date of Logging- 10-6-2023

Logging Depth- 169

1) 16 - 20 = 4

24 - 28 = 4

31 - 35 = 4

45 - 52 = 7

66 - 70 = 4

73 - 83 = 10

86 - 96 = 10

110 - 117 = 7

120 - 126 = 6

135 - 142 = 7

140 - 155 = 7

VSAIPPL-SCL JOINT VENTURE HYDERABAD

VSAIPPL-SCL(JV) TPI J.E. A.E. E.E.

Block-Khuniyaon; GP- Chaubeypur & Kherdeori

SCL INFRATECH LIMITED
EXPERTISE TO EXCEL

Assembly measurement

Date : 10,87

300 mm ϕ ms plain pipe.

1. 6.01
2. 6.02
3. 6.03
4. 6.02
5. 6.02
6. 6.02
7. 6.01

150 mm ϕ ms plain pipe

8. 6.01 ✓
9. 6.00 ✓
10. 6.02 ✓
11. 6.00 ✓
12. 6.02 ✓
13. 6.00 (4.50 + 1.50)
14. 6.03 ✓
15. 6.01 (4.00 + 2.01)
16. 6.04 ✓
17. 6.03 ✓
18. 6.01 ✓
19. 6.00 ✓
20. 6.00 ✓
21. 6.02 ✓
22. 6.01 ✓ (5.00 + 1.01)

150 mm ϕ slotted pipe

23. 6.01 ✓
24. 6.01
25. 6.00 ✓

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