

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: 178

Dated: 17-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sainua
 Block: Lotan
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 180.0 m bgl
 Logging Depth: 185.0 m bgl
 Date of logging: 16-04-2023
 Rm - 17.0 Ω m R_w - 10.0 Ω m

Borehole Drilled by: M/s. VSAIPPL-SCL (JV), Siddharth Nagar, U. P.

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.	26 - 30	04	Good
2.	36 - 40	04	Good
3.	86 - 95	09	Good
4.	99 - 109	10	Good
5.	126 - 130	04	Good
6.	154 - 157	03	Good
7.	163 - 166	03	Good
8.	177 - 184	07	Good

Note: ~~1.~~ Zone Sl. 3 is highly intermixed with fine bands of kankar.

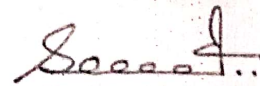
~~2.~~ Zones Sl. No. 4 is highly intermixed with very fine bands of kankar.

~~3.~~ Zone Sl. No. 5 is fine sand in nature. - highly kankar intermixed

~~4.~~ Zone Sl. No. 6 is highly kankar intermixed.

Verified as per logs provided.

For Geo Instruments & Technic's


 (S. Shukla)

G. & T
 18/04/23

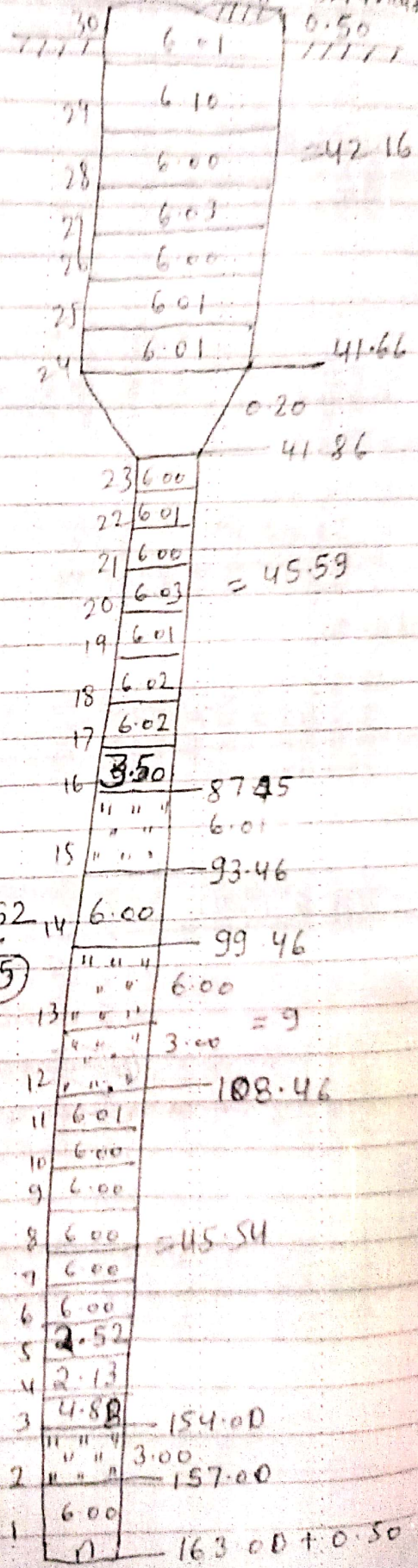
Pahase 3

Sainua Grampanchayat W.S.S. Block Lotan Bazar Siddhasthan

- = 600 lpm
- = 300 x 15 mm dia
- = 175 / 160 m
- = 18 m

State As per logging -

- 1 - 26 - 30 = 4
- 2 - 36 - 40 = 4
- 3 - 86 - 95 = 9 = 6
- 4 - 99 - 109 = 10 = 9
- 5 - 124 - 130 = 04 X
- 6 - 154 - 157 = 3 = 3
- 7 - 163 - 166 = 3
- 8 - 177 - 184 = 07



Cutting 6" Plain

6.02 → 3.50 + 2.52

6.03 → 4.88 + 1.15

6" Slotted

6.00 → 3.00 + 3.00

2.13 m → Already exist at site