



Tele Fax : +91-0522-246-5512(O)
Mob. : + 91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM.22-23:LS:1K-825

Dated: 29-03-2023.

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Azan
Block: Lotan
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 190.0 m bgl
Logging Depth: 170.0 m bgl
Date of logging: 28-03-2023
Rm -18.0 Ω m Rw -16.0 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	17-21	04	Good
2	28-35	07	Good
3	50-54	04	Good
4	78-88	10	Good
5	92-96	04	Good
6	117-127	10	Good
7	144-157	13	Good
8	164-167	03	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 is highly intermixed with fine band of kankar.

Verified as per logs provided

G.Sh
29/03/23

For Geo Instruments & Technic's

(S. Shukla)

Phase-3 s/c

pond Assent's b

AZAN Group of Village water supply scheme Block-Lotan Bazar etc

$Q = 1000 \text{ lpm}$

$= 300 \times 150 \text{ mm } \phi$

$= 175/160$

$= 30 \text{ m}$

Strata A3 perching

1. $17 - 21 = 4$

2. $28 - 35 = 7$

3. $50 - 54 = 4$

4. $78 - 88 = 10 = 9$

5. $92 - 96 = 4$

6. $117 - 127 = 10 = 9$

7. $144 - 157 = 13 = 12$

8. $164 - 167 = 03$

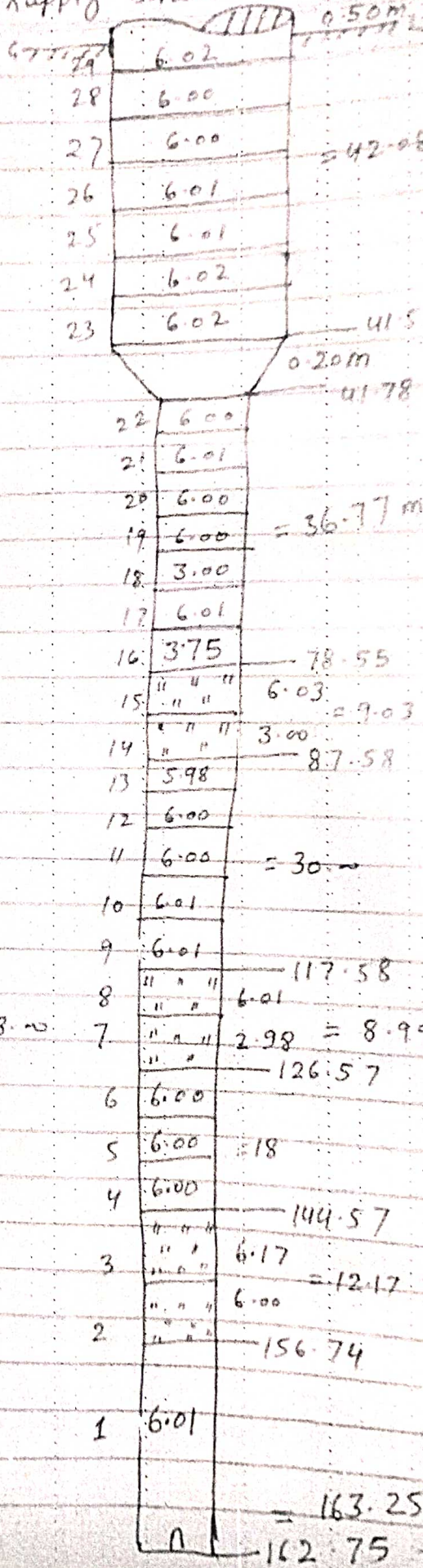
6" Plain cutting :-

$6.00 \rightarrow 3.00 + 3.00$

$6.01 \rightarrow 3.75 + 2.26$

6" Stott cutting \rightarrow

$5.98 \rightarrow 2.98 + 3.00$



$= 42.08$

$= 41.58$

$= 41.78$

$= 36.77 \text{ m}$

$= 78.55$

$= 9.03$

$= 87.58$

$= 30$

$= 117.58$

$= 8.99$

$= 126.57$

$= 18$

$= 144.57$

$= 12.17$

$= 156.74$