

Belwa Lagunhi w/s Scheme Siddharthnagar

Block - Khestaha

$Q = 750 \text{ LPM}$

T/W Size = $150 \times 300 \text{ mm}$, $16.5 \sqrt{150 \text{ m}}$

M/S VSA-SCL (JV)

= 24 m (slotted)

As per logging Report (05.06.023)

$25 - 29 = 04$

$31 - 38 = 07$

$40 - 44 = 04$

$60 - 70 = 10 = 09 \checkmark$

$76 - 80 = 04$

$94 - 101 = 07 = 06 \checkmark$

$120 - 127 = 07 = 03 \checkmark$

$147 - 154 = 07 = 6 \checkmark$

$162 - 165 = 03$

pipe cutting (150 plain pipe)

$6.02 \Rightarrow 2.00^x + 4.02^{\checkmark}$

$6.03 \Rightarrow 2.6^{\checkmark} + 3.43^{\checkmark}$

$6.03 \Rightarrow 3.4^{\checkmark} + 2.63^x$

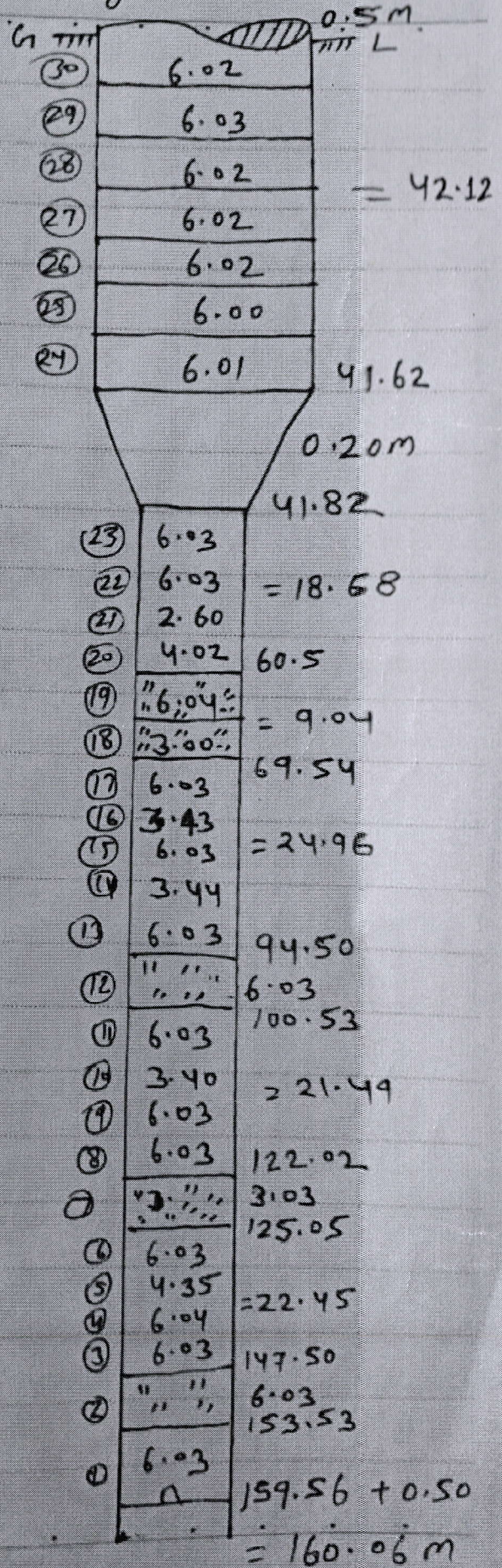
$6.04 \Rightarrow 2.6^x + 3.44^{\checkmark}$

$6.03 \Rightarrow 4.35^{\checkmark} + 1.68^x$

Slotted pipe

150mm plain pipe

Extra $\Rightarrow 6.03 \text{ m}$



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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: **649**
Dated: 05-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Belwa Lagunhi**
Block: **Khesraha**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **169.0 m bgl**
Date of logging: **05-06-2023**
Rm - **20.0 Ωm** Rw - **22.0 Ωm**

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Borehole Drilled by: M/s VSAIPPL-SCL (JV), VEEPL, Siddharth Nager
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.	25 - 29	04	Good
2.	31 - 38	07	Good
3.	40 - 44	04	Good
4.	60 - 70	10	Good
5.	76 - 80	04	Good
6.	94 - 101	07	Good
7.	120 - 127	07	Good
8.	147 - 154	07	Good
9.	162 - 165	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.Sh
08/06/23