

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 833

Dated: 22-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khuniyaon
 Block: Khuniyaon
 District: Siddharth Nagar
 State: Uttar Pradesh
 Date of Logging: 20-06-2023
 Logging Depth: 173.0 m bgl

Borehole Drilled by: M/s SCL Infratech Ltd (VSA-SCL) Jaunpur, 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.	21 - 25	04	Good
2.	46 - 53	07	Good
3.	75 - 82	07	Good
4.	84 - 88	04	Good
5.	101 - 105	04	Good
6.	120 - 127	07	Good
7.	139 - 145	06	Good
8.	147 - 154	07	Good
9.	158 - 165	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 5 & 9 are highly intermixed with fine band of kankar.

Verified as per logs provided

*G.S.H.
22/06/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

> Date

Mon Tue Wed Thu Fri Sat Sun

Khuniyaon w/s Scheme, Gidharthnagar

Q = 700 LPM, Block - Khuniyaon

T/W size = 150 x 300 mm, 165/150 m
= 24 m (slotted)

m/s VSA-SLL (SV)

As per logging (20.06.2023)

21-25 = 04

46-53 = 07

75-82 = 07 = 06 ✓

84-88 = 04

101-105 = 04

120-127 = 07 = 06 ✓

139-145 = 06 = 06 ✓

147-154 = 07 = 06 ✓

158-165 = 07

pipe cutting

150 mm plain pipe

6.01 ⇒ 3.70 + 2.31 ✓

6.00 ⇒ 3.00 + 3.00 ✓

6.00 ⇒ 3.45 + 2.55 ✓

Extra pipe = 2 x 6.00 m

