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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,23-24:LS: 622

Dated: 02-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Durga Jot
 Block: Khuniyaon
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 180.0 m bgl
 Logging Depth: 176.0 m bgl
 Date of logging: 31-05-2023
 Rm - 14.0 Qm Rw - 17.0 Qm

Borehole Drilled by: M/s SCL infratech Ltd, (VSA-SCL), Siddharth Nagar U. P. India.

- 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 - 27	10	Good
2	30 - 34	04	Good
3	47 - 57	10	Good
4	62 - 69	07	Good
5	75 - 85	10	Good
6	95 - 102	07	Good
7	109 - 116	07	Good
8	120 - 123	03	Good
9	134 - 144	10	Good
10	150 - 154	04	Good
11	168 - 175	07	Good

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

Verified as per logs provided

GSh
02/06/23

For Geo Instruments & Technics

S. Shukla
(S. Shukla)

Durgajot w/s Scheme Siddharthnagar

Block - Khuniyaon

Q = 350 LPM

IT/w size = 200x150mm, 165/150mm

M/S VSA-SCL (JV)

= 12m (slotted)

Logging Report (31.05.2023)

17-27 = 10

30-34 = 04

47-57 = 10

62-67 = 05

75-85 = 10 = 6

95-102 = 07

108-116 = 07

120-123 = 03

134-144 = 10 = 6

150-154 = 04

168-175 = 07

pipe cutting

150mm plain pipe

6.01 \Rightarrow 4.00 + 2.01

