

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: 275
Dated: 25-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gesda
Block: Khniyawa
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 180.0 m bgl
Logging Depth: 168.0 m bgl
Date of logging: 24-04-2023
Rm - 15.0 cm Rw - 16.0 cm

Borehole Drilled by: M/s VSAIPPL-SCL (JV), VEEPL-Siddarth Nager 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.	37 - 40	03	Good
3.	43 - 47	04	Good
4.	52 - 56	04	Good
5.	71 - 75	04	Good
6.	91 - 95	04	Good
7.	107 - 120	13	Good
8.	122 - 126	04	Good
9.	133 - 140	07	Good
10.	151 - 161	10	Good

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

2. Zones Sl. No. 6, 9 & 10 are highly intermixed with fine bands of kankar.

Verified as per
logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Ch
26/04/23

Regd. Office : V.V.I.P. Road, Near Pakri Ka Pul, Alambagh, Lucknow - 226 005

Phase - 3

Badla Gram Panchayat water supply scheme Block - Khuniyaon Siddh

$$Q = 350 \text{ lpm}$$

$$= 200 \times 150 \text{ mm}$$

$$= 65/150$$

$$= 12 \text{ m}$$

Stato Aspelogging

$$1 - 26 - 30 = 4$$

$$2 - 37 - 40 = 3$$

$$3 - 43 - 47 = 4$$

$$4 - 52 - 56 = 4$$

$$5 - 71 - 75 = 04$$

$$6 - 91 - 95 = 04$$

$$7 - 107 - 120 = 13 = 9$$

$$8 - 122 - 126 = 4 = 3$$

$$9 - 133 - 140 = 07$$

$$10 - 151 - 161 = 10$$

$$73 \quad 6.01 \quad 0.50$$

$$22 \quad 6.01$$

$$21 \quad 6.02$$

$$20 \quad 6.03$$

$$19 \quad 6.00$$

$$18 \quad 6.00$$

$$17 \quad 6.00$$

$$= 42.07$$

$$41.57$$

$$0.20 \text{ m}$$

$$41.77$$

$$16 \quad 6.03$$

$$15 \quad 6.04$$

$$14 \quad 6.04$$

$$13 \quad 6.03$$

$$12 \quad 6.03$$

$$11 \quad 6.04$$

$$10 \quad 6.04$$

$$9 \quad 6.03$$

$$8 \quad 6.03$$

$$7 \quad 6.03$$

$$6 \quad 6.05$$

$$5 \quad 6.00$$

$$4 \quad 3.00$$

$$3 \quad 5.40$$

$$2 \quad 3.00$$

$$1 \quad 6.04$$

$$108.16$$

$$= 9.00$$

$$117.16$$

$$122.56$$

$$125.56$$

$$128.60 + 0.50$$

Cutting 6" Plain

$$5 - 88 \rightarrow 5.40 + (.48)$$

✓

6" Stotted

$$6.00 \rightarrow 3.00 + 3.00$$

✓

✓

