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GEO INSTRUMENTS & TECHNICIANS

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer - Upon Borehole logging system, OPTRON INDIA LTD., LUCKNOW

REGD. OFF. P.M. 22, 23/13, 7/2/23
 Dated: 27-02-2023

GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: Basti
 Block: Bankl
 District: Barabanki
 State: Uttar Pradesh
 Date of Logging: 27-02-2023
 Drilling Depth: 170.0 m bgl
 Logging Depth: 168.0 m bgl
 Km - 14.0 Km Rm - 20.0 Km

Borehole Drilled by: Vindhya Telelinks Ltd.-Gaja Engineering Pvt. Ltd. (JV)

Based on the interpretation of Self Potential (SP), Short Normal (N-16'), Long Normal (N-64") and Lateral G' geophysical logs following information/granular zones have been deciphered with respect to Salinity only.

| Sl. No. | Depth Range (m bgl) | Thickness (meter) | Remark (Quality of Aquifer Water) |
|---------|---------------------|-------------------|-----------------------------------|
| 1 | 20 - 27 | 07 | Good |
| 2 | 30 - 33 | 03 | Good |
| 3 | 36 - 40 | 04 | Good |
| 4 | 44 - 48 | 04 | Good |
| 5 | 55 - 60 | 11 | Good |
| 6 | 72 - 82 | 10 | Good |
| 7 | 111 - 117 | 06 | Good |
| 8 | 135 - 140 | 05 | Moderate |

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 4 is Fine Sand and highly intermixed with Kankar.
 3. Quality of Ground water is deteriorating Marginal to Saline below 145.0 m bgl to till depth Logged.

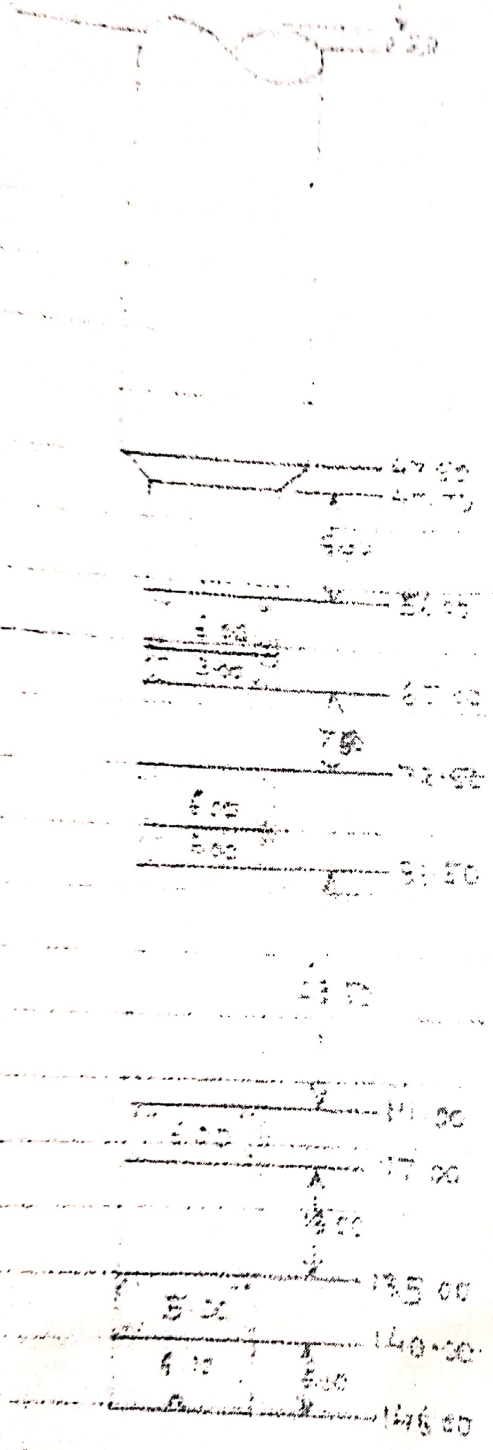
*Verifical as per logs provided.
 G.S.S.*

For Geo Instruments & Technicians
S. Shukla
 (S. Shukla)

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

30/10/2018
 10/10/18

Proposed to be made by the Board of Directors of the Bank of India
 (Bank of India) Ltd. Bank of India

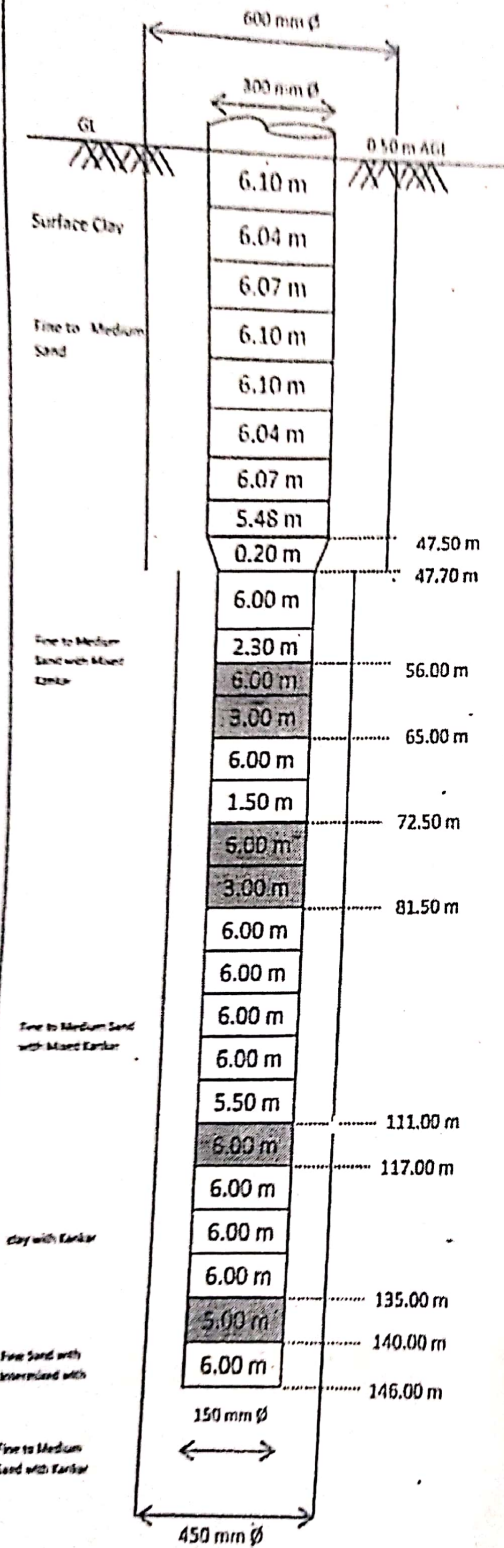


1. 100 ft x 100 ft
 2. 100 ft x 100 ft
 3. 100 ft x 100 ft
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 15. 100 ft x 100 ft
 16. 100 ft x 100 ft
 17. 100 ft x 100 ft
 18. 100 ft x 100 ft
 19. 100 ft x 100 ft
 20. 100 ft x 100 ft

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OFFICE OF THE EXECUTIVE ENGINEER
 DIVISION OFFICE (E/M), UTTAR PRADESH JAL NIGAM (RURAL), AYODHYA
 Actual Strata Chart & T.W. Assembly lowered of 300 x 150 mm of Basti, W55 BLOCK-Banki
 Under Jal Jeevan Mission, Distt- Barabanki

Latitude - 26.94468°
 Longitude - 81.9635°



| ACTUAL T.W. ASSEMBLY | | | |
|----------------------|-----------------|-----------|---------|
| BORE SIZE | 600 mm x 450 mm | | |
| T.W. ASSEMBLY | 300 mm x 150 mm | | |
| DISCHARGE | 825 LPM | | |
| WORKING HEAD | | | |
| PUMP | 17.5 HP | | |
| LOGGING REPORT | 27-02-2023 | | |
| Date of Lowering | 28-07-2023 | | |
| S.NO. | DEPTH RANGE | THICKNESS | REMARKS |
| 1 | 22-27 | 07 | GOOD |
| 2 | 30-33 | 03 | GOOD |
| 3 | 36-40 | 04 | GOOD |
| 4 | 44-48 | 04 | GOOD |
| 5 | 55-66 | 11 | GOOD |
| 6 | 72-82 | 10 | GOOD |
| 7 | 111-117 | 06 | GOOD |
| 8 | 135-140 | 05 | GOOD |

| | |
|----------------------------------|--------------------|
| 1- Housing Pipe 300 mm ϕ | = 48.00 m |
| 2- Plain Pipe 150 mm ϕ | = 69.30 m |
| 3- Slotted Pipe 150 mm ϕ | = 29.00 m |
| 4- Reducer (300 x 150) mm ϕ | = 0.20 m |
| Total Assembly | = 146.50 m |
| Less AGL | = (-)0.50 m |
| Total Lowering (BGL) | = 146.00 m |

M/s VTL-GAJA ENGINEERING PVT LTD JV
 Contractor

FITCHNER India Ltd.
 T.P.I.

S. K. Yadav
 J.E. (E&M)

R. S. Prasad
 A.E. (E&M)

Mohd. Manzoor
 E.E. (E&M)