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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:21-22:LS: 24

Dated: 09-11-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

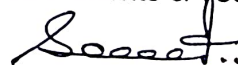
Site: **Mishrauli Dikshit**
 Block: **Bhatni**
 District: **Deoria**
 State: **Uttar Pradesh**
 Date of logging: **07-11-2021**
 Drilling depth: **145.0 m bgl**
 Logging Depth: **141.0 m bgl**
 Rm - **31.0 Ωm** Rw - **24.0 Ωm**

Borehole Drilled by: **M/s L C Infra TCEL Joint Venture Deoria.**

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:

| Sl. No. | Depth Range (mbgl) | Thickness (meter) | Inferred lithology | Remark (Quality of Aquifer Water) |
|---------|--------------------|-------------------|--------------------|-----------------------------------|
| 1. | 20 - 25 | 05 | Fine Sand | Good |
| 2. | 32 - 44 | 12 | Sand | Good |
| 3. | 44 - 51 | 07 | Prominent Clay | |
| 4. | 61 - 80 | 19 | Sand | Good |
| 5. | 81 - 92 | 11 | Prominent Clay | |
| 6. | 92 - 100 | 08 | Fine Sand | Good |
| 7. | 105 - 109 | 04 | Sand | Good |
| 8. | 115 - 122 | 07 | Sand | Good |
| 9. | 125 - 128 | 03 | Sand | Good |
| 10. | 128 - 131 | 03 | Clay | |
| 11. | 131 - 135 | 04 | Sand | Good |
| 12. | 135 - 138 | 03 | Clay | |
| 13. | 138 - 141 | 03 | Sand | Good |

For Geo Instruments & Technic's

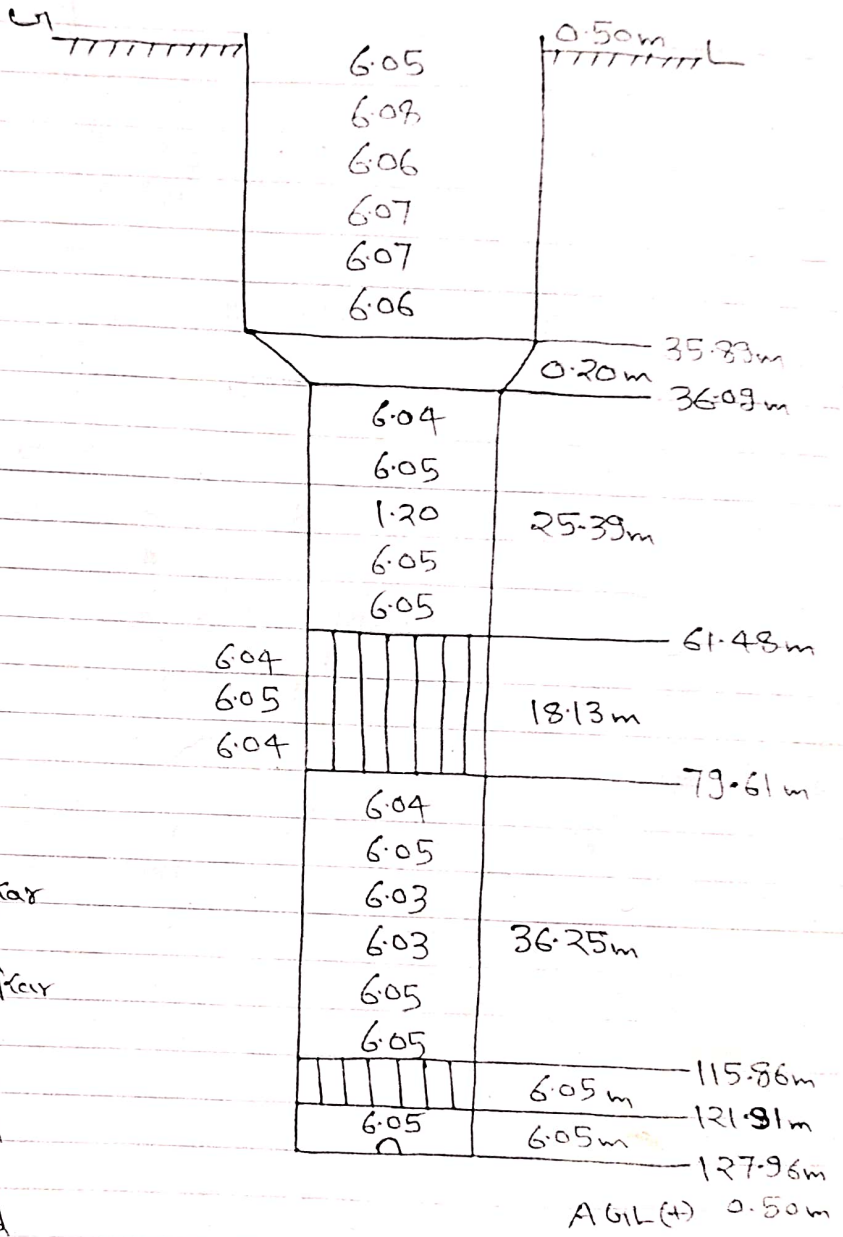

 (S. Shukla)

12.6
 Ring of T.W. Assembly at Michanuki
 Lifting/Lowering - 132/120
 Size - 675 x 500 mm
 Lifting date - 07/11/21

4.P - Railvi - "
 07.028923
 T.W. Assembly Size - 300 x 150 mm
 Recommended Discharge - 700 LPM
 D.O.L - 16/11/21

Logging Report

- 1. 20-25 ⇒ 05m
- 2. 32-44 ⇒ 12m
- 3. 61-80 ⇒ 19m
- 4. 92-100 ⇒ 08m
- 5. 105-109 ⇒ 04m
- 6. 115-122 ⇒ 07m
- 7. 125-128 ⇒ 03m
- 8. 131-135 ⇒ 04m
- 9. 138-141 ⇒ 03m



Strata as per Actual

- 0-3m clay
- 3-12m F.Sand
- 12-18m clay + Kaofar
- 18-21m V.F. Sand
- 21-24m clay
- 24-27m V.F. Sand
- 27-30m clay + Kaofar
- 30-42m F.Sand
- 42-48m clay + Kaofar
- 48-57m clay
- 57-64m V.F. Sand
- 64-79m M.Sand
- 79-88m clay
- 88-94m V.F. Sand
- 94-137m M.Sand
- 137-140m V.F. Sand

HP = 36.39m
 PP = 67.69
 SP = 24.18

AGIL (+) 0.50m
 Total ⇒ 128.46m

Important Notes

(Sampurnanand) J.E.
 S.K. Vishwakarma (Sangay K.V.) T.P.I.
 Bablu Kumar (Bablu Kumar) L.C. Sanjay Site in charge