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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 21-22 LS- 992
 Dated 23-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ekdengwa
 Block: Khesaraha
 District: Siddharth Nagar
 State: Uttar Pradesh
 Drilling Depth: 175.0 m bgl
 Logging Depth: 166.0 m bgl 165 *46.94 . 46.85*
 Date of logging: 22-12-2022
 Rm - 42.0 Ωm Rw - 68.0 Ωm (Pond Water)

Borehole Drilled by M/s MEIL, Siddharth Nagar, Uttar Pradesh.

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	30 - 34	04	Good
2	54 - 67	13	Good
3	70 - 76	06	Good
4	85 - 90	05	Good
5	96 - 100	04	Good
6	116 - 120	04	Good
7	130 - 134	04	Good
8	142 - 149	07	Good
9	160 - 164	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Sl. No. 9 is fine to medium sand in Nature.

For Geo Instruments & Technic's

(Signature)
 (S. Shukla)

Verified as per logs provided
G Sh
23/12/22

over Agreement No. :-

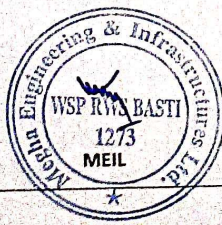
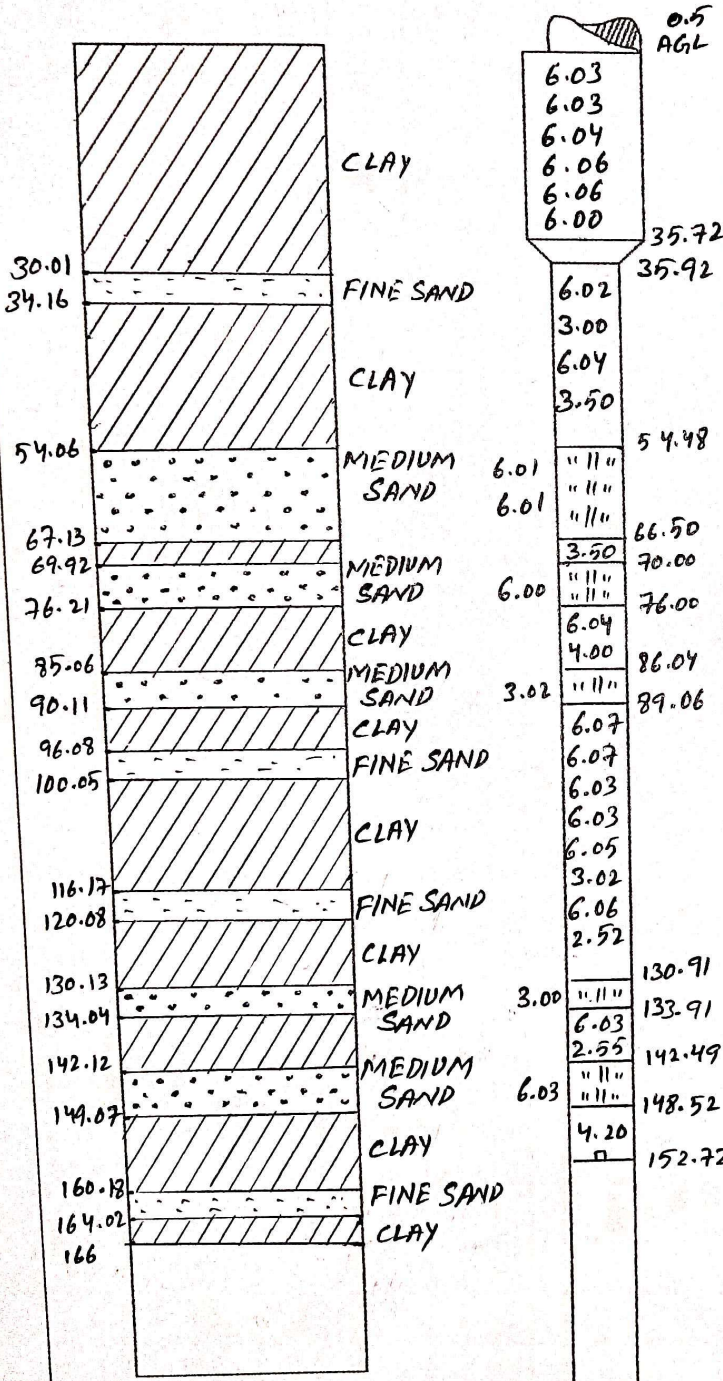
Name of District:- **SIDDHARTH NAGAR**

Block Name:- **KHESARAHHA**

Scheme Name:- **AKDENGAWA**

Name of Activity:- **LOWERING OF TUBEWELL ASSEMBLY**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				300 mm Dia housing pipe to 35.72 M
				300 x150mm reducer from 35.72 M to 35.92 M
				150mm dia plain pipe from 35.92 M to 54.48 M
				150mm dia slotted pipe from 54.48 M to 66.50 M
				150mm dia plain pipe from 66.50 M to 70.00 M
				150mm dia slotted pipe from 70.00 M to 76.00 M
				150mm dia plain pipe from 76.00 M to 86.04 M
				150mm dia slotted pipe from 86.04 M to 89.06 M
				150mm dia plain pipe from 89.06 M to 130.91 M
				150mm dia slotted pipe from 130.91 M to 142.49 M
				150mm dia plain pipe from 142.49 M to 148.52 M
				150mm dia slotted pipe from 148.52 M to 152.72 M
				150mm dia plain pipe from 152.72 M to 152.72 M
				Total Assembly- 152.72 M+AGL 0.5= 153.22 M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- M
				Assembly Lowered- 153.22 M
				Housing Pipe- 36.22 M
				Plain Pipe- 86.73 M
				Slotted Pipe- 30.07 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 166
				30-34 = 04
				54-67 = 13
				70-76 = 06
				85-90 = 05
				96-100 = 04
				116-120 = 04
				130-134 = 04
				142-149 = 07
				160-164 = 04



TPI

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J.E.

सहायक अभियन्ता
खण्ड कार्यालय (वि/याँ) ३० प्र० जल निगम (ग्रामीण)