

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:23-24:LS: 715

Dated: 24-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kohla - 1st
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 23-11-2023
Logging Depth: 234.0 m bgl
Rm - 11.0 Ω m Rw - 13.0 Ω m

Latitude: 25.707803

Longitude: 82.095296

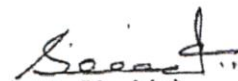
Borehole Drilled by: M/s Kalpataru Power International LTD,
Pratapgarh. Uttar Pradesh.

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:

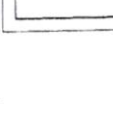
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	30 - 47	17	Good
2.	75 - 85	10	Good
3.	88 - 92	04	Good
4.	110 - 128	18	Good
5.	137 - 152	15	Good
6.	160 - 166	06	Good
7.	194 - 213	19	Good
8.	218 - 222	04	Good
9.	225 - 229	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 2 & 6 are highly intermixed with thin bands of kankar.

For Geo Instruments & Technic's

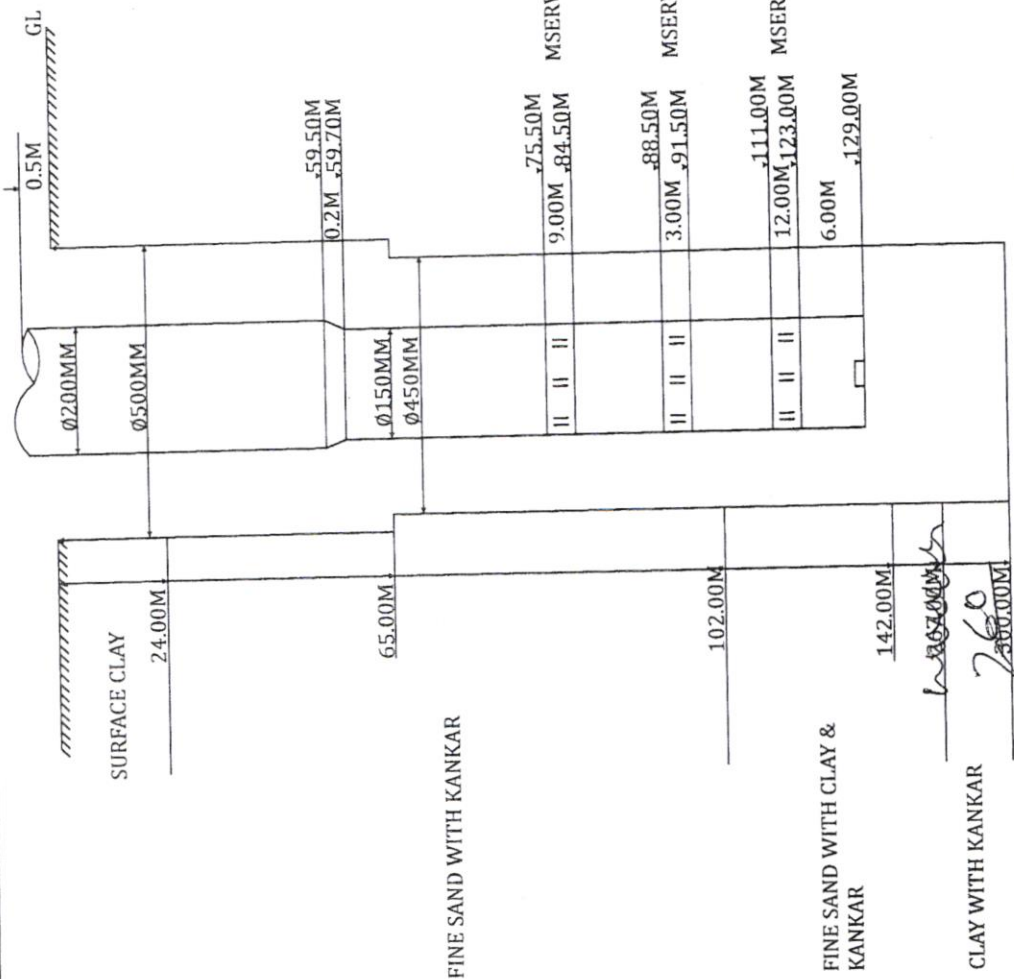

(S. Shukla)

KALPATARU PROJECTS INTERNATIONAL LIMITED
JAL JEEVAN MISSION PROJECT: PRATAPGARH, U.P.



1. DISTRICT-PRATAPGARH
2. BLOCK- GAURJA
3. VILLAGE - KAHLA, MERUVADEEH
4. DATE OF LOGGING- 23.11.2023
5. DATE OF LOWERING-
6. SIZE OF ASSEMBLY - Ø200MM X Ø150MM
7. SIZE OF BORE:
GL TO 85.50M - Ø500MM X Ø500MM
KHL TO 99.86M - Ø450MM X Ø450MM
8. REQUIRED DISCHARGE- 450LPM
9. LOGGING DEPTH- 234M BGL
10. LOGGING BY- GEO INSTRUMENTS & TECHINICS

65 to 260



-- LOGGING REPORT --

S.N	DEPTH RANGE (M)	THICKNESS (M)	WATER QUALITY
1.	30-47	17	GOOD
2.	75-85	10	GOOD
3.	88-92	04	GOOD
4.	110-128	18	GOOD
5.	137-152	15	GOOD
6.	160-166	06	GOOD
7.	194-213	19	GOOD
8.	218-222	04	GOOD
9.	225-229	04	GOOD

Note: 1- Fine bands of kankar are intermixed with almost all the zones.
2- Zones SI No.2 & are highly intermixed with thin bands of Kankar.

CLIENT:- STATE WATER SANITATION MISSION
(NAMAMI GANGE & RURAL WATER SUPPLY DEPARTMENT)
GOVERNMENT OF UTTAR PRADESH.

PROJECT:- PRATAPGARH GROUP OF VILLAGES WATER SUPPLY SCHEME

EPC CONTRACTOR
KALPATARU PROJECTS INTERNATIONAL LIMITED
6TH FLOOR, KALPATARU SYNERGY, OPP GRAND
HYATT, SANTACRUZ EAST, MUMBAI 400055.

NAME: RAHUL RANJAN
SIGN: [Signature]
TITLE: PROPOSED TUBE WELL ASSEMBLY LOWERING DRAWING
KAHLA, MERUVADEEH WATER SUPPLY SCHEME

SCALE: [Blank]
PROJECTION: [Blank]

DATE: 23/12/2023
DRAWING NO: 00-MSL-CV-GA-72

SHEET NO: [Blank] OF 01

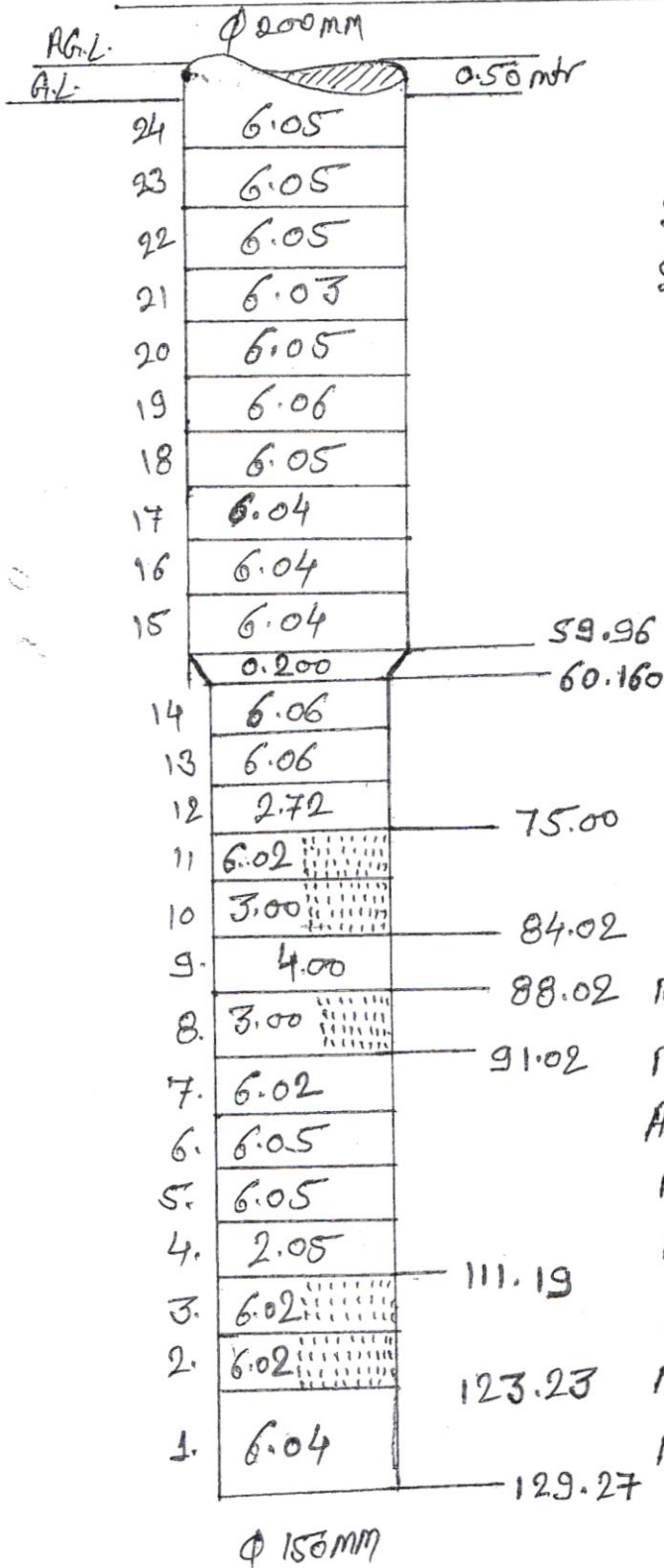
REV: [Blank]
M4: [Blank]
RD: [Blank]

(A) PROPOSED TUBE WELL ASSEMBLY LOWERING DETAILS

Chandana

KPIL TPJA JE AE EE

Kahla & medua Deeh Water supply scheme



Date of Lowering

Required Discharge \Rightarrow 450 LPM
 Size of Bore \Rightarrow 500 x 450 mm ϕ
 Size of Assembly \Rightarrow 200 x 150 mm ϕ

Ser. No.	Depth Range (mtr)	Thickness mtr	Quality
1.	75.0-85.0	10.00	Good
2.	88.0-92.00	4.00	Good
3.	110.0-128.0	18	Good

- MS Ring ϕ 200 mm \Rightarrow 09 Nos.
- MS Ring ϕ 150 mm \Rightarrow 13 Nos
- MS Reducwe ϕ 200 x 150 mm \Rightarrow 01 Nos
- MS S&F Clamp ϕ 200 mm \Rightarrow 01 Nos
- Assembly support ϕ 200 mm \Rightarrow 01 Nos.
- MS Bail Plug ϕ 150 mm \Rightarrow 01 Nos
- MS well cap ϕ 200 mm \Rightarrow 01 Nos.
- MS ERW Plain pipe ϕ 150 mm \Rightarrow 93.17 mt
- MS ERW Blotted Pipe ϕ 150 mm \Rightarrow 24.06 p
- MS ERW Plain Pipe ϕ 200 mm \Rightarrow 60.46 mt.

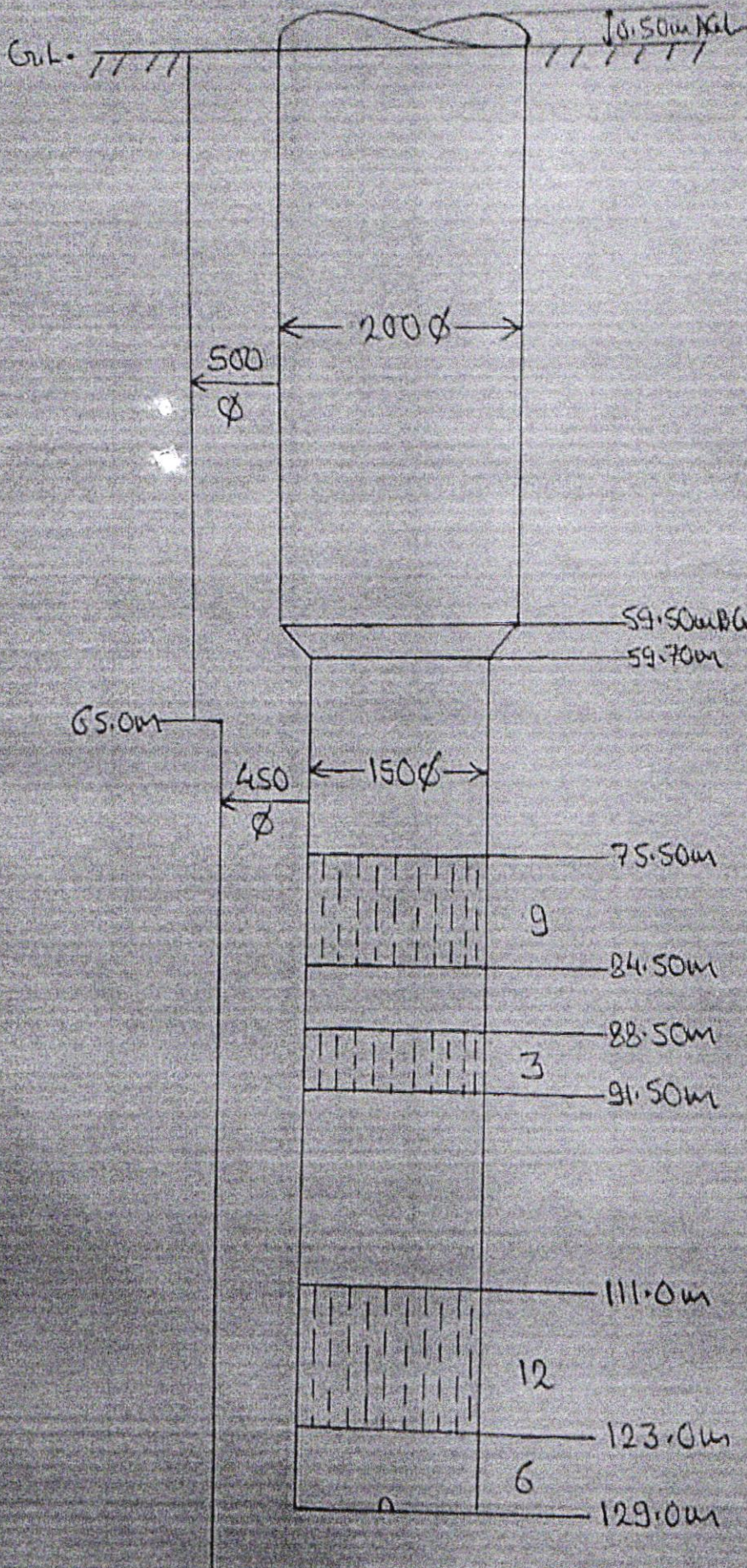
Kahla & Meruva Deek No-1, Chaurga

(JMC)

Req Q = 450 Lpm

Ass. Size = 200x150φ

Bore Size = 500x450φ



Logging Report

- ① 75-85 (10m) Good
- ② 88-92 (4m) Good
- ③ 110-128 (18m) Good