

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref: GIT/UP: PJM-22-23/LS: 80

Dated: 25-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tikar
Block: Dhanpatganj
District: Sultanpur
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: 132.0 m bgl
Date of logging: 25-04-2022

Borehole Drilled by: Larsen & Toubro Limited, Gonda, Uttar Pradesh, India.

Based on the Interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 8" geophysical logs following Informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	28 - 32	08	Good
2.	40 - 50	10	Good
3.	53 - 68	03	Good
4.	76 - 82	08	Good
5.	81 - 95	04	Good
6.	99 - 103	04	Good
7.	110 - 114	04	Moderate

Note: 1. Zone Sl. No. 7 is Fine Sand and Intermixed with Kankar.

2. Quality of Ground Water is deteriorating Marginal to Saline below 132.0 m bgl to till depth Logged.

Verified as per
logs provided

Geologist
YANTRY MANOHAR
UP. GEOL. SURV. (MURAI)
PRAYAGRAH

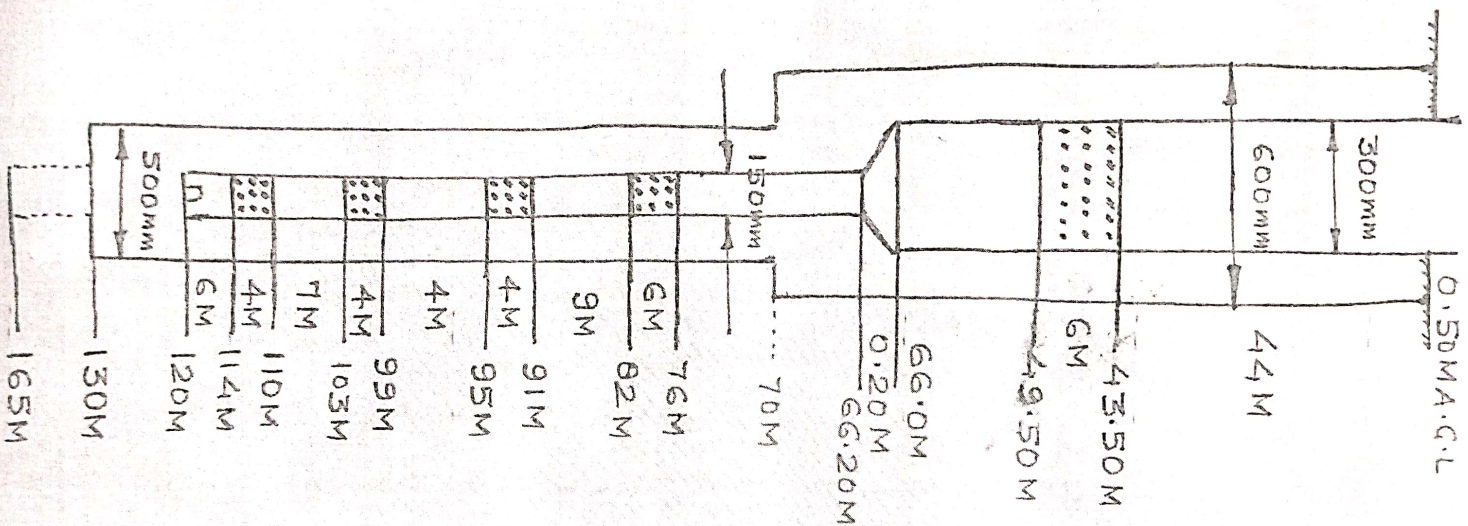
For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

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Proposed TM Assembly of TIKAR W/S Scheme
 Block - Dhaurpattaraj Dist - Sultapur

$Q_e = 600 \text{ lpm}$ $H = 40 \text{ m}$, $H.P = 70$, $S.P = 24$
 TM size - $300 \times 150 \text{ mm}$ Bore dia = $600 \times 500 \text{ mm}$



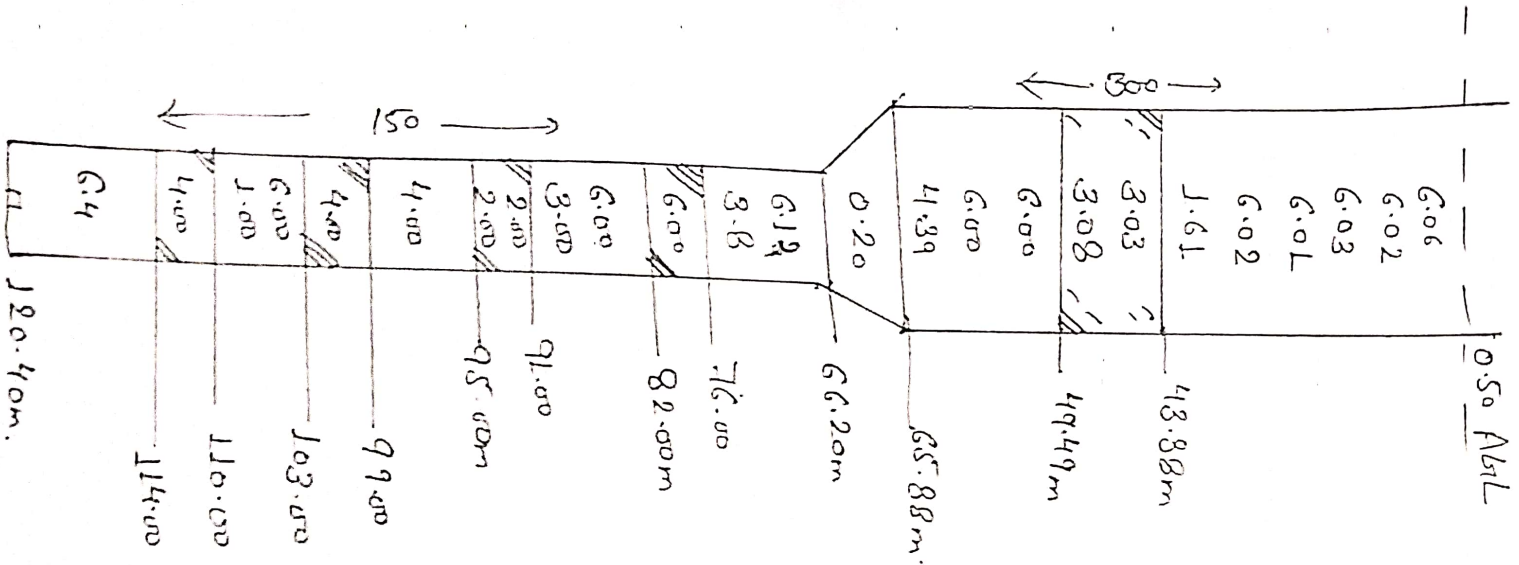
LOGGING REPORT
 on 25.04.22
 log depth - 164m.

1. 26-32 = 6
2. 40-50 = 10
3. 53-56 = 3
4. 76-82 = 6
5. 91-95 = 4
6. 99-103 = 4
7. 110-114 = 4 → Moderate

NOTE :-

1. Zone sand & ls and intermixed with kankar
2. Quality of ground water is deteriorating marginal to saline below 132m bgl to till depth logged.

Final T/cw Assembly of T/cw w/s scheme. Block -
 Champat Gari Dist. Saktapur



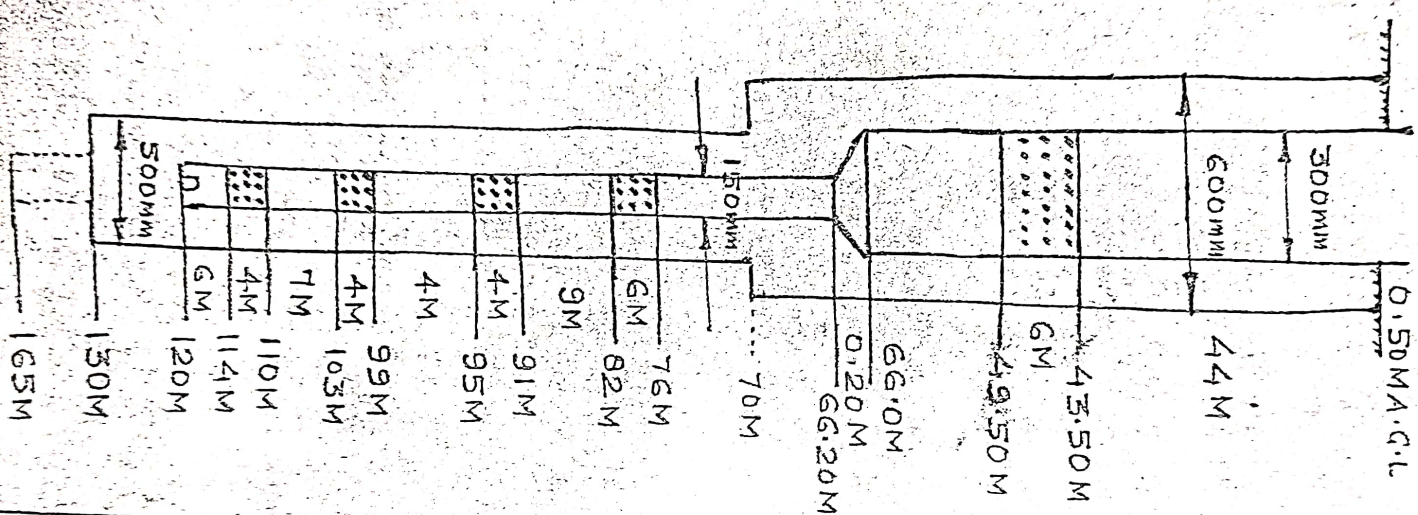
Design

26.32 - 6
 40-50 - 10
 53-56 - 3
 76-82 - 6
 91-95 - 4
 99-103 - 4
 } Good

6.11 - Slotted 300m
 48.14 - plus 250m
 18m - 150m plus
 26.32 - 300m

Proposed TM Assembly of TIKAR W/S Scheme Block - Dhawpatgarh Dist - Solanpur

Q_e = 600 lpm H = 40m, H.P = 70, S.P = 24
TM size - 300x150mm Bore dia = 600x500mm



LOGGING REPORT
at 0.25.04.22
log depth - 164m.

1. 26-32 = 6
2. 40-50 = 10
3. 53-56 = 3
4. 76-82 = 6
5. 91-95 = 4
6. 99-103 = 4
7. 110-114 = 4 → Moderate

NOTE :-

1. Zone S.No 7 is PLS and
inturned with kankar
2. Quality of ground water
is deteriorating marginal
to saline below 132m bgl
to the depth logged.