

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:23-24:LS:K- 408

Dated: 01-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Beniganj Majre Shivnam - 2
Block: Trivediganj
District: Barabanki
State: Uttar Pradesh
Date of Logging: 01-11-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 150.0 m bgl
Rm - 18.0 Ω m Rw - 23.0 Ω m

Latitude: 26.6588830 Longitude: 81.2255180

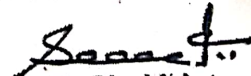
Borehole Drilled by: M/s SPV Engineers, Barabanki, Uttar Pradesh.

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.	14 - 21	07	Good
2.	28 - 35	07	Good
3.	48 - 55	07	Good
4.	57 - 60	03	Good
5.	66 - 69	03	Good
6.	74 - 80	06	Good
7.	84 - 88	04	Moderate to Marginal

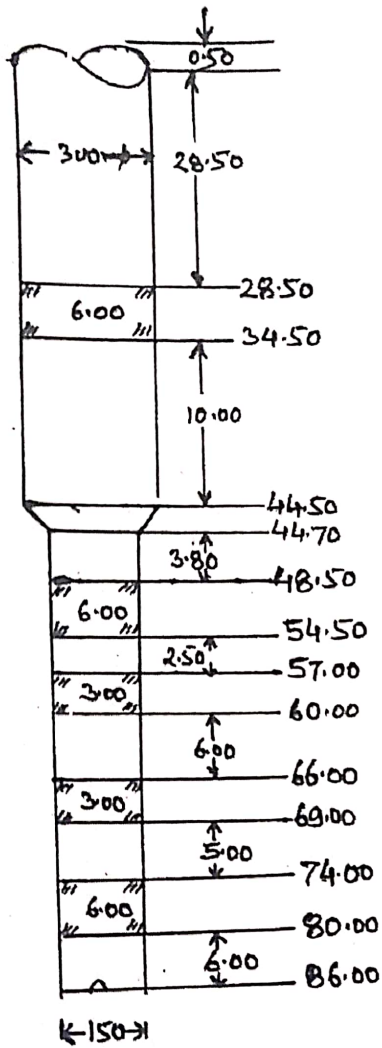
- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 94.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

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

Proposed TW Assembly chart of Beniganj Mayre ^{shurman w/s schem} block-Trivediganj dist



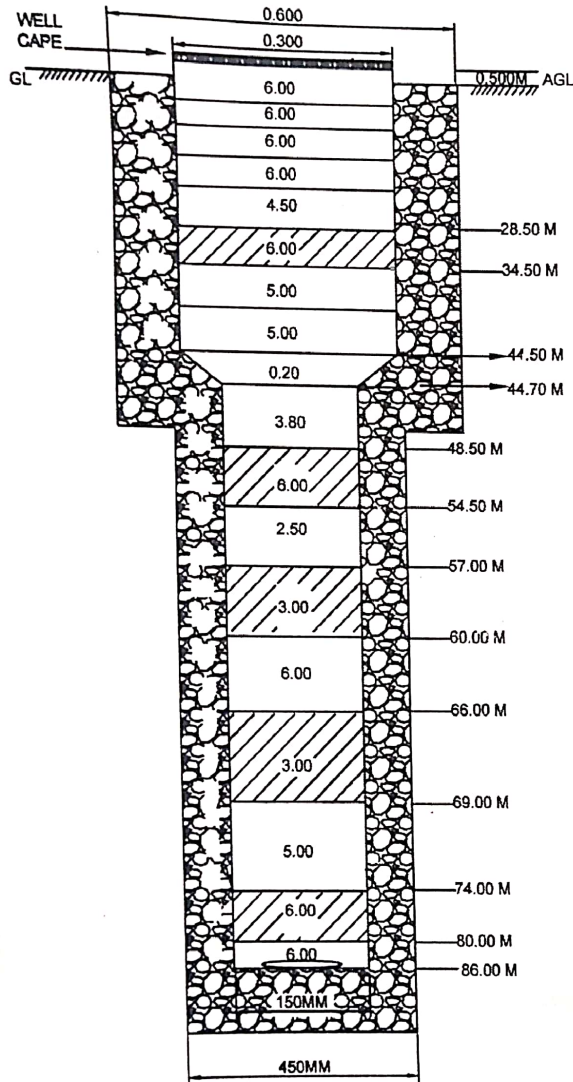
1. Discharge - 891.026
2. Motor HP - 17.5HP
3. Assembly size - 300 x 150
4. Base $\phi = 600 \times 450$ mm
5. Logging Report dt 1-11-23

- | | | |
|------|-----------|----------------------|
| 1- | 14-21 = 7 | good |
| 6-2- | 28-35 = 7 | good |
| 6-3- | 48-55 = 7 | good |
| 3-4- | 57-60 = 3 | good |
| 3-5- | 66-69 = 3 | good |
| 6-6- | 74-80 = 6 | good |
| 7- | 84-88 = 4 | Moderate to marginal |

Quality of ground water is deteriorating marginal to saline below 94 m bgl to till logged ~~dist~~ 150 mtr bgl



VINDHYA TELELINKS LTD -GAJA ENGINEERING PVT.LTD.JV
 Actual T.W. Assembly & Strata Chart As Per Logging Report
 G P-, Beniganj majre , Block - Trivediganj , Barabanki
 JJM Phase - III



Actual Assembly for Lowering	
1	Bore Size 600*450 mm
2	T.W. Assembly size 300*150 mm
3	Discharge 891.028 LPM/17.5 M HP
4	Date of Logging 01-11-2023
5	Date of lowering 02-11-2023

1	300mm@Housing Pipe	38.50 M
2	150mm@Plain Pipe	23.3 M
3	150MM@Slotted Pipe	18.00 M
4	300MM@Slotted Pipe	06.00 M
5	300*150mm Reducer	0.20 M
6	Total Length	86.00

Logging Report (01-11-23)		
1	14 - 21	07 M
2	28 - 35	07 M
3	48 - 55	07 M
4	57 - 60	03 M
5	66 - 69	03 M
6	74 - 80	06 M
7	84 - 88	04 M

VTL - GAJA JV

TPI

JE E & M
UPJN

AE E & M
UPJN

EE E & M
UPJN

