

Tel/Fax : +91-0522-246-5512(O)
Mobile : + 91 - 9415141232
E-mail : geo.instruments.technic@gmail.com

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:22-23:LS: 63

Dated: 22-04-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarmi
Block: Jamo
District: Amethi
State: Uttar Pradesh
Date of Logging: 21-04-2022
Drilling Depth: 400.0 m bgl
Logging Depth: 385.0 m bgl
Rm - 11.0 Ω m Rw - 14.0 Ω m

Borehole Drilled by: Welspun Enterprises, Jaunpur, Uttar Pradesh India.

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)	Remark (Quality of Aquifer Water)
1.	17 - 21	04	Good
2.	25 - 30	05	Good
3.	44 - 70	26	Good
4.	79 - 87	08	Good
5.	112 - 115	03	Moderate
6.	149 - 153	04	Moderate

Note: 1. Fine Bands of Kankar are Intermixed with almost all the zones.

2. Quality of Ground Water is deteriorating marginal to Saline below 160.0 to till depth Logged.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

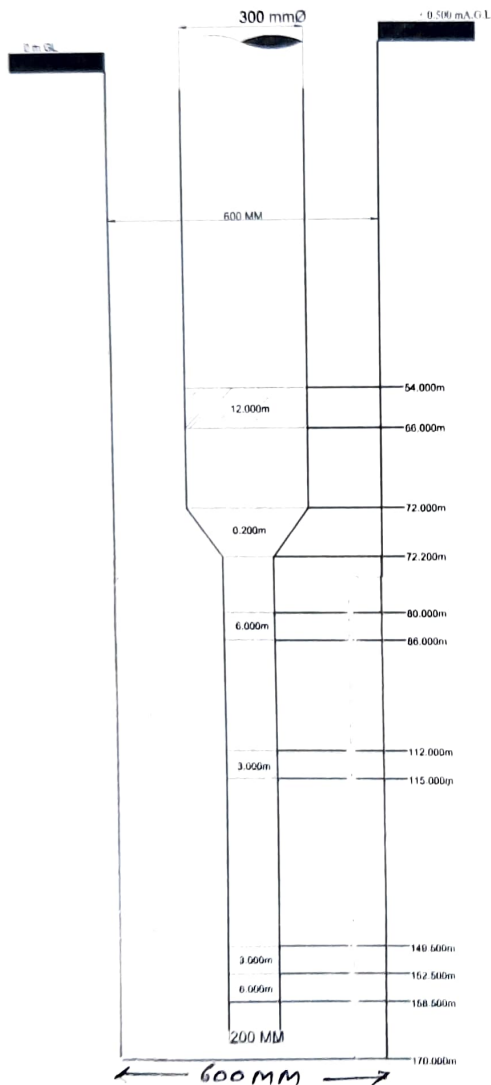
C.S.
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
UP. JAL NIGAM (RURAL)
PRAYAGRAJ

Sarme

RURAL WATER SUPPLY SCHEME UNDER SWSM-JJM

Date: / /

Proposed T/W Assembly of 300X200 mm Size of Sarme, Block-Jamo
District-Amethi
Q=1050 LMP,H=47.300 M



Logging Report as on 21.04.2012

S.No.	Depth Range (mbgl)	Thickness (m)	Remarks
1.	17-21	04	Good
2.	25-30	05	Good
3.	44-70	26	Good
4.	79-87	08	Good
5.	112-115	03	Moderate
6.	149-153	04	Moderate

NOTE

1. fine bonds of kaukar one intermixed with almost all the zones
2. Quality of Ground water us deteriorating marginal to saline below 180 to till depth logged



Junior Engineer

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Assistant Engineer

ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Executive Engineer

Sarme

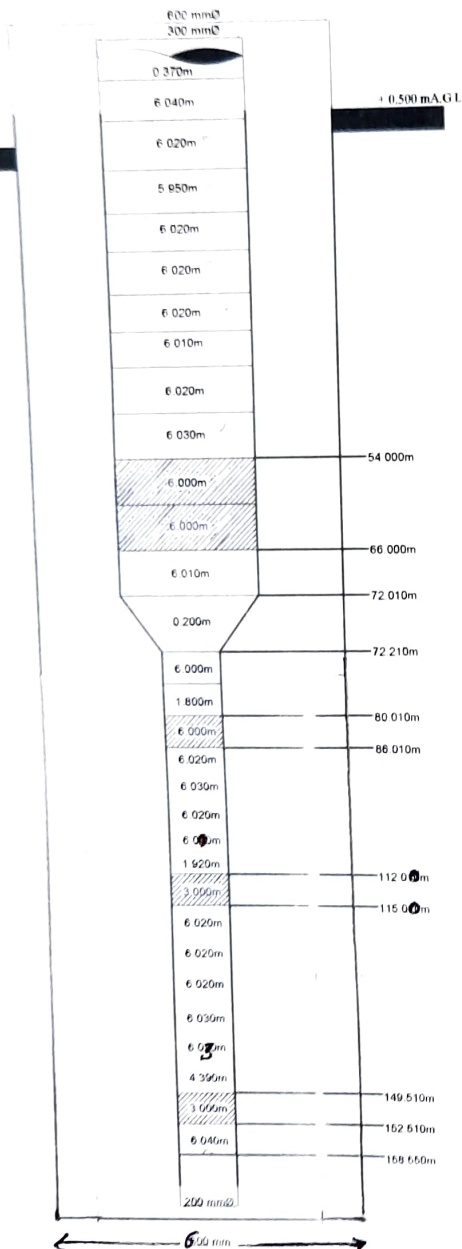
RURAL WATER SUPPLY SCHEME UNDER SWSM-JJM

Date- / /

Actual Strata chart & Assembly Lowered of 300X200 mm Size of Sarme, Block-Jamo

District-Amethi

Q=1050 LMP, H=47.300 M



1. Bore Size	600 x 600 mm
2. Assembly Size	300 x 200 mm
3. Drilling Depth	= 400.000 m
4. Logging Depth	= 385.000 m
5. Date of Logging	= 21.04.2022
6. Date of Lowering	= 02.05.2022

Logging Report

S.No.	Depth Range (mbgl)	Thickness (m)	Remarks
1.	17-21	04	Good
2.	25-30	05	Good
3.	44-70	26	Good
4.	79-87	08	Good
5.	112-115	03	Moderate
6.	149-153	04	Moderate

1. 300 mm @ Housing Pipe =	60.510m
2. 300mm Slotted pipe =	12.00m
3. 200 mm @ Plain Pipe =	74.340m
4. 200 mm @ Slotted Pipe =	12.000m
5. 300 x 200 mm @ Reducer =	0.200m
A.G.L = 0.500m	
B.G.L = 158.550m	
Total Lowering = 159.050m	



JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

EXECUTIVE ENGINEER