

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-B-347

Date:- 04-10-2024

NAME OF SITE

GRAM PANCHAYAT- Taraw

BLOCK- Bhawarkol

DISTT- Ghazipur

NAME OF AGENCY

M/s L&T Ghazipur



GROUND WATER SURVEY CONSULTANCY

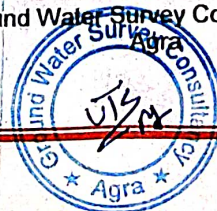
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- TARAW, BLOCK- BHA WARKOL, DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 196 mtrs. at above site. Was drilled by M/s L & T. Ghazipur.

On the request of M/s L & T. Ghazipur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 04.Oct.2024.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 17.90 Ohms.

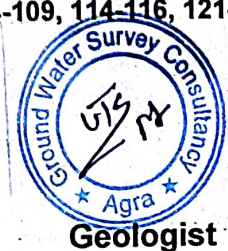
Drilling Water Resistivity = 18.91 Ohms.

Approx Water Level = 9 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	10 - 13	3	Fine sand	Good
2.	43 - 47	4	Medium sand	Good
3.	51 - 62	11	Medium sand	Good
4.	67 - 79	12	Medium sand	Good
5.	81 - 86	5	Medium sand	Good
6.	89 - 95	6	Medium sand	Good
7.	100 - 103	3	Fine to Medium sand	Good
8.	110 - 113	3	Medium sand & kankar	Good
9.	117 - 120	3	Fine sand	Good
10.	125 - 131	6	Fine sand	Good
11.	140 - 154	14	Medium sand	Good
12.	160 - 175	15	Medium sand	Good
13.	180 - 186	6	Medium sand & kankar	Good

Note :- 1. Please ensure pre-monsoon water level before lower the well assembly

2. Clay kankar is present in depth range 14-42, 48-50, 63-66, 87-88, 96-99, 104-109, 114-116, 121-124, 132-139, 155-159, 176-179, and 187 Mtr bgl to till depth logged.



Rho a
 NI6 (SN)
 N64(LN)
 LAT

Logging Details
 103 001 103 001
 Behaviour diff parameter
 UP LOGGING
 04 Dec 2014
 17:31
 Location: Ganga (Up)

Logger SI No:
 IGIS/S/02/23-24

Logger Model:
 SP (m V)

Logger Model:
 DMPL-2

Logger Owned by:
 Ground Water
 Survey/Consultancy
 Agra UP India

