

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-A-1888

Date:- 16-10-2023

NAME OF SITE

GRAM PANCHAYAT- Khuthan Urf Parsotiya
DISTT- Ghazipur

BLOCK- Manihari

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- KHUTHAN URF PARSOTIYA, BLOCK- MANIHARI,
DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

$\phi = 470$

42+120+18

200 X 150

500 X 500

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 190 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 16.Oct.2023.

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 = 16.81 Ohms.

Drilling Water Resistivity = 17.74 Ohms.

Approx Water Level = 3 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	30 - 45	15	Medium sand	Good
2.	52 - 55	3	Fine sand	Moderate
3.	68 - 75	7	Fine to Medium sand	Good

Note :- 1.Please ensure pre-monsoon water level before lower the well assembly
2. Quality Of Ground water is deteriorating Saline in below 80 Mtr bgl to till depth logged.



Geophysicist

300 X 300

		30.25
VII	14.50	44.75
		68.25
VII	3.50	71.75
		73.00

Cement Seal



79.50

