

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-B-2147

Date:- 23-10-2023

NAME OF SITE

GRAM PANCHAYAT- Mahuwari Khas BLOCK- Kasimabad 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- MAHUWARI KHAS, BLOCK- KASIMABAD,
DISTT- GHAZIPUR
UNDER
JAL JIVAN MISSION

Q = 630
78412
300 x 300

Introduction :

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 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 23.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 -

300 x 300

Mud Resistivity = 13.62 Ohms.

Drilling Water Resistivity = 08.83 Ohms.


Approx Water Level = 12 Mtr

27.25	
4.50	31.75
51.25	
6.50	57.75
3	60.75

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	12 - 14	2	Fine sand	Mod to Good
2.	14 - 32	18	Medium sand	Good
3.	51 - 58	7	Medium sand	Good

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


Geophysicist

