

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-A- 1785

Date:- 05-10-2023

NAME OF SITE

GRAM PANCHAYAT- Chari

BLOCK- Barhani

DISTT- Chandauli

NAME OF AGENCY

M/s ION Exchange India Limited
Chandauli



GROUND WATER SURVEY CONSULTANCY

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

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Ground Water Survey Consultancy
Agra



REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- CHARI, BLOCK- BARHANI, DISTT- CHANDAULI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 177 mtrs. at above site. Was drilled by M/S ION Exchange India Limited. Chandauli.

On the request of M/S ION Exchange India Limited. Chandauli. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 05.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 = 15.94 Ohms.

Drilling Water Resistivity = 13.68 Ohms.

Approx Water Level = 3 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	25 - 28	3	Medium sand	Good
2.	40 - 50	10	Medium sand	Good
3.	55 - 58	3	Medium sand	Good
4.	74 - 85	11	Medium sand	Good
5.	106 - 111	5	Fine to medium sand	Good
6.	118 - 125	7	Medium sand	Good
7.	134 - 141	7	Medium sand	Good
8.	150 - 155	5	Medium sand	Good

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



Geophysicist

