

**GROUND WATER SURVEY CONSULTANCY**  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:-A-2578

Date:- 03-02-2024

**NAME OF SITE**

GRAM PANCHAYAT- Bhainsarampur      BLOCK- Sujanganj      DISTT- Jaunpur

**NAME OF AGENCY**

Afcons Infrastructure Pvt. Ltd.  
Jaunpur



**GROUND WATER SURVEY CONSULTANCY**  
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.  
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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy  
Agra



**REPORT ON GEOPHYSICAL WELL LOGGING**  
**AT**  
**GRAM PANCHAYAT- BHAINSARAMPUR, BLOCK- SUJANGANJ, DISTT- JAUNPUR**  
**UNDER**  
**JAL JIVAN MISSION**

**Introduction :**

A Deep bore hole was drilled 300 mtrs. depth. and Logged depth 283 mtrs. at above site. Was drilled by M/S Afcons Infrastructure Pvt. Ltd. Jaunpur

On the request of M/S Afcons Infrastructure Pvt. Ltd. Jaunpur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 03.Feb.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 = 06.90 Ohms.

Drilling Water Resistivity = 07.13 Ohms.

Approx Water Level = 12 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	22 - 25	3	Medium sand	Good
2.	30 - 35	5	Fine to Medium sand	Good
3.	50 - 57	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 Marginally Saline in between 105-110, 135-154, 200-211, 232-252 Mtr bgl.
  3. Clay kankar is present in depth range 26-29, 36-49, 58-104, 111-134, 155-199, 212-231, 253 mtr bgl to till depth logged.

