

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

Introduction :

A Deep bore hole was drilled 300 mtrs. depth. and Logged depth 286 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 09.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 = 12.19 Ohms.

Drilling Water Resistivity = 14.56 Ohms.

Approx Water Level = 8 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	18 - 27	9	Medium sand	Good
2.	40 - 50	10	Medium sand	Good

- Note :
1. Please ensure pre-monsoon water level before lower the well assembly.
 2. Predominated clay is present in depth range 49-63, 73-120, 140-193, 240-260 mtr bgl.
 3. Clay kankar is present in depth range 28-39 Mtr.
 4. Quality Of Ground water is deteriorating Marginally Saline in below 64 Mtr bgl to till depth logged.



GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:-A-2590

Date:- 09-02-2024

NAME OF SITE

GRAM PANCHAYAT- Sonitha

BLOCK- Sujanganj

DISTT- Jaunpur

NAME OF AGENCY

Afcons Infrastructure Pvt. Ltd.
Jaunpur



GROUND WATER SURVEY CONSULTANCY

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