

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MUIUDDINPUR, BLOCK- JAITHRA, DISTT- ETAH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 23.Aug.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 = 14.38 Ohms.

Drilling Water Resistivity = 15.44 Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 13	8	Clay kankar	
3.	13 - 18	5	Fine sand	
4.	18 - 28	10	Clay kankar	
5.	28 - 36	8	Medium sand	Medium
6.	36 - 58	22	Clay kankar	
7.	58 - 61	3	Fine sand	Medium
8.	61 - 78	17	Clay kankar	
9.	78 - 93*	15	Medium sand	Medium
10.	93 - 110	17	Clay kankar	

Ground Water Survey Consultancy



Rho a
 N 1635N
 N 64 (UM
 LAT

Station
 - 80 of 7 M...
 from 10 m...
 - 10 m...
 of 100...
 Date
 23 Feb 2013
 Time
 10:00
 Channel
 Channel 1
 Name
 Channel 1

Logger S No
 AGIS/S01/21-22

Logger Model
 DMP1-2

Logger Orientation
 GROUND WATER
 SURVEY
 CONSULTANCY
 AGRA, UP, India

