

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KASEHI, BLOCK- SHITALPUR, DISTT- ETAH  
UNDER  
JAL JIVAN MISSION

Summary

A Deep bore hole was drilled 110 mtrs. depth and Logged depth 100 mtrs. at above site. Was drilled by M/s Kaipatara Power Transmission limited, Etah.

On the request of M/s Kaipatara Power Transmission limited, Etah. a Geophysical well logging in the above bore hole using IGIS Well Logger on 23.Jun.2023.

Logging Parameters - Soil potential, short normal (N-16), Long Normal (N-84), 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 = ~~15.12~~ Ohms.

Drilling Water Resistivity = ~~16.72~~ Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Clay kankar	
3.	15 - 18	3	Fine sand	
4.	18 - 28	10	Clay kankar	
5.	28 - 37	9	Sand & kankar	Medium
6.	37 - 41	4	Clay kankar	
7.	41 - 50*	9	Medium sand	Medium
8.	50 - 56	6	Clay kankar	
9.	56 - 65*	9	Fine to Medium sand	Medium
10.	65 - 83	18	Clay kankar	
11.	83 - 86	3	Kankar	
12.	86 - 100	14	Clay kankar	

*G. Ch*  
*29/06/23*



- Logging performed as per  
SIWSM guidelines.  
- Groundwater quality  
interpreted by form as  
per their logger  
calibration.