

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MUSTAFABAD, BLOCK- KAUSHAMBI, DISTT- KAUSHAMBI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 90 mtrs. depth. and Logged depth 90 mtrs. at above site. Was drilled by M/s Kalpataru Project International, Kaushambi.

On the request of M/s Kalpataru Projcet International, Kaushambi. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 07.Nov.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 = 9.79 Ohms.

Drilling Water Resistivity = 11.18 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 - 23	18	Clay kankar	
3.	23 - 28	5	Fine sand	
4.	28 - 57	29	Clay kankar	Good
5.	57 - 72*	15	Medium sand	
6.	72 - 74	2	Clay kankar	Good
7.	74 - 78*	4	Fine to Medium sand	
8.	78 - 90	12	Clay kankar	Good

Ground Water Survey Consultancy
Agra

VSK
PS

