

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 100 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 21.Oct.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 = 10.24 Ohms.

Drilling Water Resistivity = 09.38 Ohms.

Approx Water Level = 21 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 35	30	Clay kankar	
3.	35 - 38	3	Sandy clay	
4.	38 - 52	14	Clay kankar	
5.	52 - 58*	6	Fine to Medium sand	Good
6.	58 - 66	8	Clay kankar	
7.	66 - 72*	6	Medium Sand	Good
8.	72 - 80	8	Clay kankar	
9.	80 - 88*	8	Soft Rock	Good
10.	88 - 90	2	Clay kankar	

: - Please ensure pre-monsoon water level before lower the well assembly

Ground Water Survey Consultancy

