

SRI Infotech

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SATPURA MAFI, BLOCK- KASGANJ, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Kasganj.

On the request of M/S PNC-SPML-JV, Kasganj. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 17.Sep.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 = 15.62 Ohms.

Drilling Water Resistivity = 16.48 Ohms

Approx Water Level = 15 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	2	Fine sand	
3.	7 - 13	6	Clay kankar	
4.	13 - 20	7	Fine sand	
5.	20 - 27	7	Clay kankar	
6.	27 - 29	2	Fine sand	
7.	29 - 32	3	Clay kankar	
8.	32 - 36	4	Kankar & sand	
9.	36 - 44	8	Clay kankar	
10.	44 - 47	3	Fine to Medium sand	Medium
11.	47 - 58	11	Clay kankar	
12.	58 - 77*	19	Medium sand	Medium
13.	77 - 90	13	Clay kankar	
14.	90 - 98*	8	Fine to Medium sand	Medium
15.	98 - 100	2	Clay kankar	

