

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MAHLAULI, BLOCK- SAHASWAN, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 111 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 16.Oct.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 26	21	Clay	
3.	26 - 34	8	Fine to Medium sand	Medium
4.	34 - 45	11	Fine sand	
5.	45 - 56 ⁺	11	Medium sand	Medium
6.	56 - 64	8	Clay kankar	
7.	64 - 73*	9	Medium sand	Medium
8.	73 - 78	5	Clay kankar	
9.	78 - 107*	29	Medium sand	Medium
10.	107 - 110	3	Clay kankar	