

**REPORT ON GEOPHYSICAL WELL LOGGING  
AT**

**GRAM PANCHAYAT-LABHRI, BLOCK-ISLAM NAGAR  
DISTT.-BADAUN  
UNDER  
JAL JIVAN MISSION**

**Introduction :**

A Deep bore hole was drilled 124 mtrs. depth, and Logged depth 124 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 03.Apr.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 - 16	11	Find Sand	
3.	16 - 30	14	Clay Kanakar	
4.	30 - 44	14	Medium Sand	Good
5.	44 - 58	14	Clay Kanakar	
6.	58 - 77*	19	Medium Sand	Good
7.	77 - 82	5	Clay Kanakar	
8.	82 - 111*	29	Find to Medium sand	Good
9.	111 - 124	13	Clay Kanakar	

