

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AKAULI, BLOCK- AMBIAPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 135 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 08.Mar.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 - 18	13	Dry sand	
3.	18 - 30	12	Clay kankar	
4.	30 - 50*	20	Medium sand	Medium
5.	50 - 65	15	Clay kankar	
6.	65 - 92*	27	Medium sand	Medium
7.	92 - 98	6	Clay kankar	
8.	98 - 102*	4	Fine to Medium sand	Medium
9.	102 - 110	8	Clay kankar	
10.	110 - 135*	25	Fine to Med. sand & Kankar	Medium