

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BAIN, BLOCK- BILSI, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 125 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 12.Nov.2022.

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:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 20	15	Dry sand & Kankar	
3.	20 - 29	9	Clay	
4.	29 - 46	17	Medium sand	Good
5.	46 - 65	19	Clay kankar	
6.	65 - 70*	5	Medium sand	Good
7.	70 - 75	5	Clay kankar	
8.	75 - 84*	9	Medium sand	Good
9.	84 - 90	6	Clay kankar	
10.	90 - 105*	15	Fine to Medium sand	Good
11.	105 - 115	10	Clay kankar	
12.	115 - 123*	8	Fine to Medium sand	Good
13.	123 - 125	2	Clay kankar	