

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- JAIPUR PUKHTA, BLOCK- KADAR CHAUK

DISTT.- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth, and Logged depth 120 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.Feb.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 - 12	7	Fine sand	
3.	12 - 19	7	Clay kankar	
4.	19 - 35	16	Medium sand	Good
5.	35 - 46	11	Clay kankar	
6.	46 - 55*	9	Fine to medium sand	Good
7.	55 - 60	5	Clay kankar	
8.	60 - 67*	7	Medium sand	Good
9.	67 - 94	27	Clay kankar	
10.	94 - 105*	11	Fine to Medium sand	Good
11.	105 - 120	15	Sandy Clay	

