

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- KUNDELI BADULLAGANI, BLOCK- KADAR CHAUK

DISTT.- BADAUN

UNDER

JAI, 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 20.Jan.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 - 25	7	Clay kankar	
4.	25 - 45	20	Fine sand & Kankar	Good
5.	45 - 55	10	Clay kankar	
6.	55 - 80*	25	Medium sand & Kankar	Good
7.	80 - 95	15	Clay kankar	
8.	95 - 100	5	Very Fine sand	
9.	100 - 115	15	Clay kankar	
10.	115 - 120*	5	Fine to Medium sand	Good

