

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- MUGARRJARSIL, BLOCK- KADAR CHAUK, DISTT- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 130 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 16. Dec.2021.

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 - 10	5	Clay kankar	
3.	10 - 20	10	Dry sand	
4.	20 - 39	19	Clay kankar	
5.	39 - 42	3	Fine sand	Good
6.	42 - 50	8	Clay kankar	
7.	50 - 56*	6	Fine to Medium sand	Good
8.	56 - 65	9	Clay kankar	
9.	65 - 80*	15	Medium sand	Good
10.	80 - 85	5	Clay kankar	
11.	85 - 110*	25	Medium sand	Good
12.	110 - 120	10	Clay kankar	
13.	120 - 124	4	Fine sand	Good

