

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SISAIYAN, BLOCK- WAZIRGANJ, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 142 mtrs. depth. and Logged depth 140 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 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 - 20	15	Dry sand	
3.	20 - 30	10	Clay kankar	
4.	30 - 42	12	Medium sand	Good
5.	42 - 54	12	Clay kankar	
6.	54 - 90*	36	Medium sand	Good
7.	90 - 95	5	Clay kankar	
8.	95 - 100*	5	Medium sand	Good
9.	100 - 107	7	Clay kankar	
10.	107 - 115*	8	Medium sand	Good
11.	115 - 125	10	Clay kankar	
12.	125 - 130*	5	Medium sand	Good
13.	130 - 140	10	Clay	

Ground Water Survey Consultancy

