

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAMPUR TAPPA ROUNAI, BLOCK- SAHASWAN,
DISTT- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 137 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 17.Oct.2023.

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 - 15	10	Fine sand	
3.	15 - 35	20	Clay kankar	
4.	35 - 47	12	Medium sand	Med to Good
5.	47 - 61	14	Clay kankar	
6.	61 - 70*	9	Medium sand	Med to Good
7.	70 - 77	7	Clay kankar	
8.	77 - 86*	9	Medium sand	Med to Good
9.	86 - 93	7	Clay kankar	
10.	93 - 116*	23	Medium sand & kankar	Med to Good
11.	116 - 124	8	Clay kankar	
12.	124 - 130*	6	Fine to Medium sand	Med to Good
13.	130 - 137	7	Clay kankar	

