

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MAJARA GANGWAR, BLOCK- KADARCHOWK,
DISTT- BADAUN

UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 145 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 27.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 - 10	5	Clay kankar	
3.	10 - 15	5	Medium sand	
4.	15 - 20	5	Kankar	
5.	20 - 26	6	Medium sand	Medium
6.	26 - 31	5	Clay kankar	
7.	31 - 34	3	Medium sand	Medium
8.	34 - 48	14	Clay kankar	
9.	48 - 52*	4	Medium sand	Medium
10.	52 - 63	11	Clay kankar	
11.	63 - 67*	4	Medium sand	Medium
12.	67 - 82	5	Clay kankar	
13.	82 - 85*	3	Fine to Medium sand	Medium
14.	85 - 94	9	Clay kankar	
15.	94 - 102*	8	Medium sand	Medium
16.	102 - 113	11	Clay kankar	
17.	113 - 120*	7	Medium sand	Medium
18.	120 - 130	10	Clay kankar	
19.	130 - 134*	4	Medium sand	Medium
20.	134 - 140	6	Clay kankar	

Ground Water Survey Consultancy

