

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DAHEMU, BLOCK- UJHANI, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 132 mtrs. depth. and Logged depth 131 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 11.Mar.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 - 10	5	Dry sand	
3.	10 - 20	10	Clay kankar	
4.	20 - 30	10	Medium sand	Medium
5.	30 - 35	5	Clay kankar	
6.	35 - 45	10	Kankar with Sand	Medium
7.	45 - 48	3	Clay kankar	
8.	48 - 58*	10	Medium sand	Medium
9.	58 - 61	3	Clay kankar	
10.	61 - 76*	15	Medium sand	Medium
11.	76 - 103	27	Clay kankar	
12.	103 - 109*	6	Medium sand	Medium
13.	109 - 121	12	Clay kankar	
14.	121 - 128*	7	Medium sand	Medium
15.	128 - 131	3	Clay kankar	

