

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BADRAUNI, BLOCK- AMBIAPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 131 mtrs. depth. and Logged depth 130 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 07.Oct.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.	Defih range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 40	22	Fine sand	
4.	40 - 46	6	Clay kankar	
5.	46 - 56*	10	Medium sand	Good
6.	56 - 60	4	Clay kankar	
7.	60 - 74*	14	Medium sand & Kankar	Good
8.	74 - 80	6	Clay kankar	
9.	80 - 108*	28	Medium sand	Good
10.	108 - 127	19	Clay kankar	
11.	127 - 130*	3	Fine to Medium sand	Good

Ground Water Survey Consultancy

