

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PAHARPUR, BLOCK- AMBIYAPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 133 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 04.Nov.2022.

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 - 25	20	Dry sand	
3.	25 - 28	3	Clay kankar	
4.	28 - 35	7	Sand & kankar	
5.	35 - 38	3	Clay kankar	
6.	38 - 43	5	Fine to medium sand	Good
7.	43 - 48	5	Clay kankar	
8.	48 - 52	4	Fine sand	Good
9.	52 - 65	13	Clay kankar	
10.	65 - 78*	13	Medium sand	Good
11.	78 - 82	4	Clay kankar	
12.	82 - 93*	11	Medium sand & kankar	Good
13.	93 - 107	14	Clay kankar	
14.	107 - 117*	10	Sand & kankar	Good
15.	117 - 123	6	Clay kankar	
16.	123 - 130	7	Fine sand	Good

Ground Water Survey Consultancy

