

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT-DANWRI, BLOCK-ASAFPUR, DISTT.-BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 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 10.Feb.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:-

1. The Lithology broadly tallies with that of drill cutting starta chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Good.
4. Expected discharge is 1000 to 1100 L.P.M.
5. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.

Conclusions and Recommendations :-

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Water Quality	Surface soil	5	0 - 5	1.
	Dry sand	13	18	2.
	Clay kankar	16	18 - 34	3.
	Sandy clay	8	34 - 42	4.
	Clay kankar	10	42 - 52	5.
Good	Fine ot Medium sand	7	52 -	6.
	Clay kankar	6	59 - 65	
Good	Medium sand	23	65 -	8.
	Clay kankar	3	88 - 91	9.
Good	Fine to Medium sand	15	91 - 106*	10.
	Cl kankar	14	106 - 120	11.

employed and there could be variations as the underground conditions are not always amenable to physical interpretations.

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