

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- JAGAT PAPARI, BLOCK- ISALAM NAGAR
DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction:

A Deep bore hole was drilled 125 mtrs. depth. and Logged depth 121 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 03.Apr.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 - 15	10	Dry sand	
3.	15 - 22	7	Clay Kankar	
4.	22 - 30	8	Medium Sand	Good
5.	30 - 40	10	Clay Kankar	
6.	40 - 48*	8	Medium Sand	Good
7.	48 - 55	7	Clay Kankar	
8.	55 - 78*	23	Medium sand & Kankar	Good
9.	78 - 84	6	Clay Kankar	
10.	84 - 100*	16	Find to Medium sand	Good
11.	100 - 121	21	Clay Kankar	

