

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-A-2252

Date:- 26-11-2023

NAME OF SITE

Gram Panchayat- Jagatua BLOCK - Islamnagar DISTT - Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- JAGATUA, BLOCK- ISLAMNAGAR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 130 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 26.Nov.2023.
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 - 12	7	Clay kankar	
3.	12 - 15	3	Dry sand	
4.	15 - 19	4	Clay kankar	
5.	19 - 39	20	Medium sand	Medium
6.	39 - 46	7	Clay kankar	
7.	46 - 62*	16	Medium sand	Medium
8.	62 - 66	4	Clay kankar	
9.	66 - 75*	9	Medium sand	Medium
10.	75 - 83	8	Clay kankar	
11.	83 - 92*	9	Medium sand	Medium
12.	92 - 104	12	Clay kankar	
13.	104 - 110*	6	Fine to Medium sand	Medium
14.	110 - 117	7	Fine sand	
15.	117 - 130	13	Clay kankar	

