

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-A- 1310

Date:- 07-08-2023

NAME OF SITE

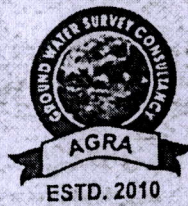
GRAM PANCHAYAT- Simra

BLOCK- Kadar Chowk

DISTT- Badaun

NAME OF AGENCY

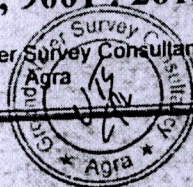
M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY
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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SIMRA, BLOCK- KADAR CHOWK,
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 07.Aug.2023.

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 - 10	5	Clay kankar	
3.	10 - 29	19	Medium sand	
4.	29 - 35	6	Clay kankar	
5.	35 - 52*	17	Medium sand	Medium
6.	52 - 57	5	Clay kankar	
7.	57 - 81*	24	Medium sand	Medium
8.	81 - 90	9	Clay kankar	
9.	90 - 100*	10	Medium sand	Medium
10.	100 - 116	16	Clay kankar	
11.	116 - 120*	4	Medium sand	Medium
12.	120 - 125	5	Clay kankar	
13.	125 - 130	5	Medium sand	Medium

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