

**GROUND WATER SURVEY CONSULTANCY**  
**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

**GEO-PHYSICAL WELL**  
**ELECTROLOGGING REPORT**

Ref No:-B-1979

Date:- 09-10-2023

**NAME OF SITE**

GRAM PANCHAYAT - Mudsan  
BLOCK - Sahaswan  
DISTT - Badaun

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Badaun



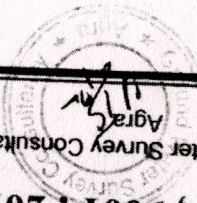
**GROUND WATER SURVEY CONSULTANCY**

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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**ISO : 9001 : 2015**

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# REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT-MUDSAN, BLOCK-SAHASWAN, DISTT-BADALUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badalun.

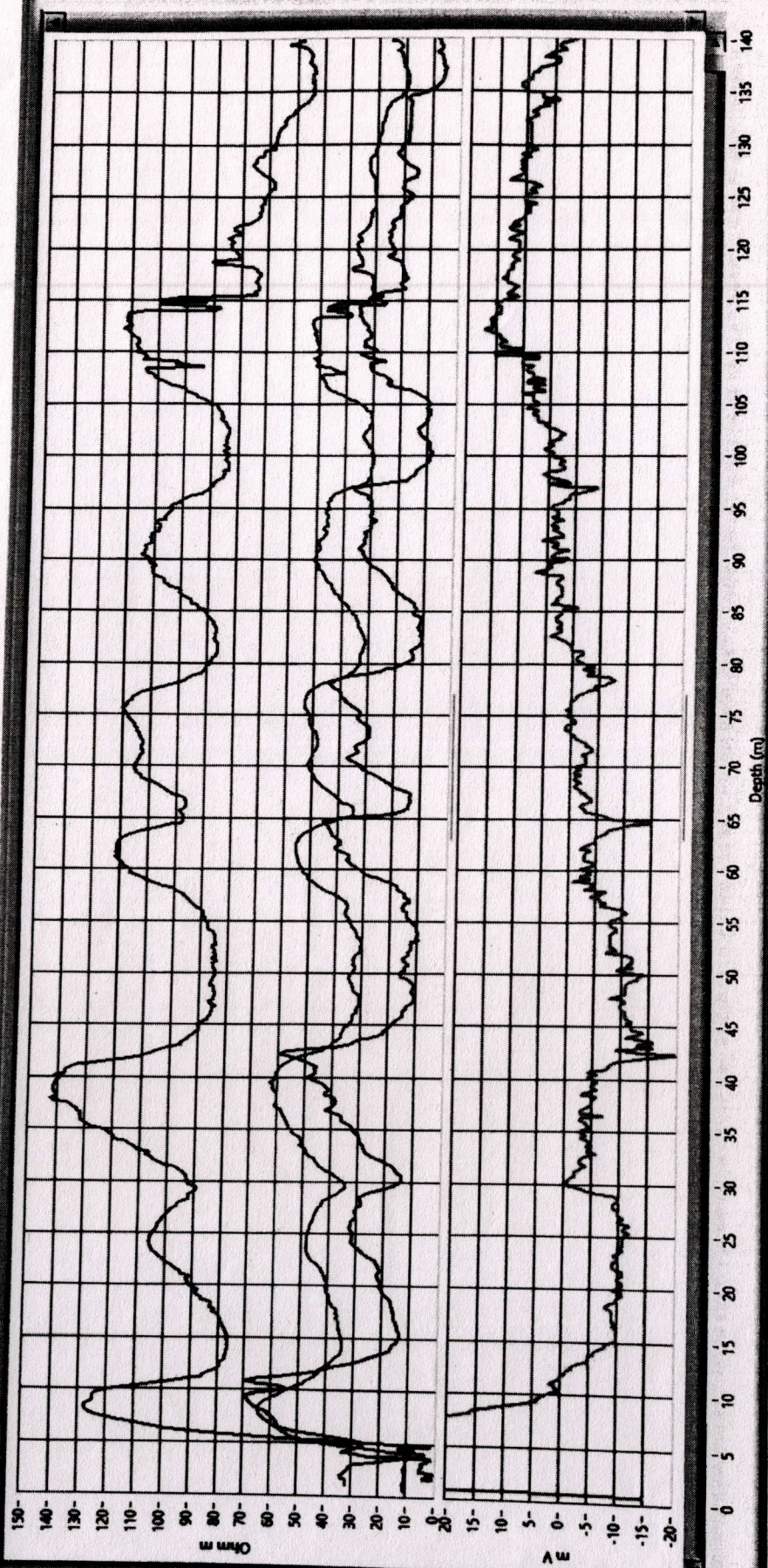
On the request of M/S PNC-SPML-JV, Badalun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 09.Oct.2023.

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 - 14	9	Dry sand	
3.	14 - 20	6	Clay kankar	
4.	20 - 27	7	Fine sand	
5.	27 - 34	7	Clay kankar	
6.	34 - 41	7	Fine to Medium sand	Medium
7.	41 - 59	18	Clay kankar	
8.	59 - 64*	5	Fine to Medium sand	Medium
9.	64 - 69	5	Clay kankar	
10.	69 - 77*	8	Fine to Med sand & kan	Medium
11.	77 - 87	10	Clay kankar	
12.	87 - 96*	9	Medium sand	Medium
13.	96 - 107	11	Clay kankar	
14.	107 - 133*	26	Medium sand & kankar	Medium
15.	133 - 140	7	Clay kankar	

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Rho a  
 NT16 (SN)  
 NS4(LN)  
 LAT

Logging Details:  
 Logging of musson block  
 in between 6st beddun  
 UP LOGGING,up  
 09 Oct 2023  
 20-02  
 uttarach gupta (Vishal)

Logger SI No:  
 IGSS/04/21-22

SP (m V)  
 Logger Model:  
 DWPL-2

Logger Owned by:  
 GROUND WATER  
 SURVEY  
 CONSULTANCY  
 - AGRA INDIA

