

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

**GEO-PHYSICAL WELL  
ELECTOLOGGING REPORT**

Ref No:- 601

Date:- 04-08-2022

**NAME OF SITE**

Gram Panchayat- Khivari Manpur Pukhata  
DISTT- Badaun

**BLOCK- Sahaswan**

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Badaun



**GROUND WATER SURVEY CONSULTANCY**

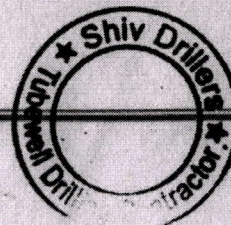
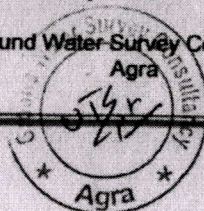
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHIVARI MANPUR PUKHATA, BLOCK- SAHASWAN  
DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 112 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 04.August.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 - 14	9	Clay kankar	
3.	14 - 35	21	Fine to Medium sand	Good
4.	35 - 45	10	Clay kankar	
5.	45 - 55*	10	Medium sand	Good
6.	55 - 60	5	Clay kankar	
7.	60 - 70*	10	Medium sand	Good
8.	70 - 80	10	Clay kankar	
9.	80 - 90	10	Fine sand	Good
10.	90 - 112	22	Clay kankar	



Rho a  
 N16 (SN)  
 N64(LN)  
 LAT

Logging VI Kishan  
 Manpur Pukhata  
 Block: Sahaswan  
 Distt: Badasn  
 LOGGINGUP  
 04 Aug 2022  
 19:50  
 Utkarsh Gupta (G)

SP (m V)

