

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

**GEO-PHYSICAL WELL  
ELECTOLOGGING REPORT**

Ref No:- 515

Date:- 12-07-2022

**NAME OF SITE**

Gram Panchayat- Kalua Kheda Ajitpur Nagar  
DISTT- Badaun

**BLOCK- Asafpur**

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Badaun



**GROUND WATER SURVEY CONSULTANCY**

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

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy





# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KALUA KHEDA AJITPUR NAGAR, BLOCK- ASAFPUR  
DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

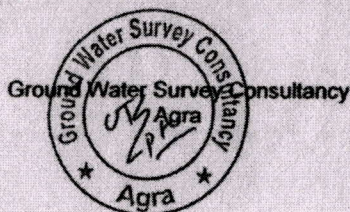
## Introduction :

A Deep bore hole was drilled 132 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 12.July.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 - 30	15	Clay kankar	
4.	30 - 35	5	Medium sand	Good
5.	35 - 45	10	Clay Kankar	
6.	45 - 80*	35	Medium sand	Good
7.	80 - 92	12	Clay Kankar	
8.	92 - 106*	14	Medium Sand	Good
9.	106 - 130	24	Clay Kankar	





Rho a

- ▮ NI6 (SN)
- ▮ NS4 (LN)
- ▮ LAT

Logging V. K. Gupta, Geotech. Engr.  
 Nagar, B. Road, Kirti Nagar, Delhi  
 UR: 110028, NG: 88  
 27.11.2022  
 18.12.22  
 Umapati Gupta, (Jr)

SP (m V)

