

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:- 441

Date:- 15-02-2022

NAME OF SITE

Gram Panchayat- Jarsaini

BLOCK- Ambiapur

DISTT- Badaun

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- JARSAINI, BLOCK- AMBIAPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

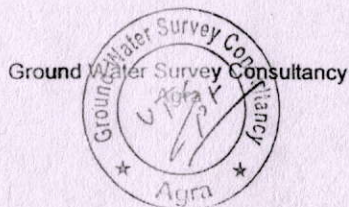
Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 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 15.Feb.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 - 20	15	Dry Sand	
3.	20 - 45	25	Clay kankar	
4.	45 - 52*	7	Fine to Medium sand	Medium
5.	52 - 66	14	Clay kankar	
6.	66 - 91*	25	Fine to Med. Sand & Kankar	Medium
7.	91 - 95	4	Clay Kankar	
8.	95 - 105*	10	Medium Sand	Medium
9.	105 - 110	5	Clay Kankar	
10.	110 - 120*	10	Fine to Medium sand	Medium



Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible Development of tubewell.
3. The Quality of water is expected Good.
4. Expected discharge is 1000 to 1100 L.P.M.
5. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
6. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.

Geophysicist



Ground Water Survey Consultancy

Rho a
 N16 (SN)
 N64(LN)
 LAT
 Logging VI Jaisami
 Block Ambliapur Distt
 Badam
 LOGGICUP
 15 Feb 2022
 15 24
 Utharsh Gupta (R)

