

**GROUND WATER SURVEY CONSULTANCY**

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**ELECTROLOGGING REPORT  
GEO-PHYSICAL WELL**

Date:- 30-10-2023

Ref No:- A-2063

**GRAM PANCHAYAT - Dharmpur Gurtha    BLOCK - Islamnagar    DISTT - Badan**

**NAME OF SITE**

M/s PNC-SPML-JV  
Badan

**NAME OF AGENCY**

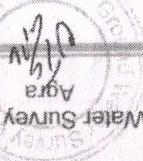


**Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.**

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Ground Water Survey Consultancy



**ISO : 9001 : 2015**



S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	Water Quality
2.	5 - 15	10	Dry sand	Medium
3.	15 - 41	26	Medium sand	Medium
4.	41 - 45	4	Clay Kanakar	Fine to Medium sand
5.	45 - 48*	3	Clay Kanakar	Medium
6.	48 - 61	13	Clay Kanakar	Fine to Medium sand
7.	61 - 71*	10	Clay Kanakar	Medium
8.	71 - 81	10	Clay Kanakar	Medium sand
9.	81 - 106*	25	Clay Kanakar	Medium
10.	106 - 125	19	Clay Kanakar	Medium sand
11.	125 - 128*	3	Clay Kanakar	Medium
12.	128 - 130	2	Clay Kanakar	Medium

of Stratigraphic Chart prepared from drill cuttings are given in the following table:-

Details of major aquifer formations explored from logging of bore hole combined with the study

Logging Para meters - Self potential, shot normal (N-16), Long Normal (N-64), Lateral.

at above bore hole using GIS Well Logger on 30.Oct.2023.

On the request of M/S PNC-SPML-JV, Badanur. a Geophysical well Logging is conduct

above site. Was drilled by M/S PNC-SPML-JV, Badanur.

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs. at

#### Introduction :

### JAL JIVAN MISSION

#### UNDER

DISTT-BADANUR

GRAM PANCHAYAT-DHARAMPUR GURTHA, BLOCK-ISLAMNAGAR,

### REPORT ON GEOPHYSICAL WELL LOGGING

AT

### 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 tube well.

3. The Quality of water is expected Medium.  
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.

4. 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.

5.

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Geophysicist

