



SUITE 807, UNION SQUARE CONDOMINIUM 15<sup>TH</sup> AVENUE, CUBAO, QUEZON CITY  
TEL/FAX 8911-3062/8912-6537/8291-6749 Email: platinumlaboratory@gmail.com

### TEST REPORT

Sample Lab. No. : 20-0828  
Submitted By : Baao Water District  
Address : Baao, Camarines Sur  
Contact Number : -----  
Sample Source : Deepwell  
Sample Location : Sta. Teresita Well PS

Date/Time of : 20-Jul-2020  
Collection : 4:45 AM  
Receipt : 21-Jul-2020  
Examination : 21-Jul-2020  
Test Report # PC-2020-0915

WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	2.51	5		2130 B Nephelometric Method
Apparent Color (Color Units)	10	10		2120 B Visual Comparison
CHEMICAL ANALYSIS				
pH*	6.50	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	362	600		2540 C Gravimetric dried at 180°C
Sulfate (mg/L)*	2.3	250		4500-SO <sub>4</sub> <sup>2-</sup> E Turbidimetric
Nitrate (mg/L)	2.6	50		4500-NO <sub>3</sub> <sup>-</sup> D Electrode Method
Chloride (mg/L)	3	250		4500-Cl- B Argentometric
METAL ANALYSIS (mg/L)				
Iron (total)	0.10	1.00		3111 B. Direct Air-Acetylene
Manganese (total)	0.03	0.40		3111 B Direct Air-Acetylene
Arsenic (mg/L)	<MDL	0.01	0.004	3113 B Electrothermal AAS
Cadmium (mg/L)	<MDL	0.003	0.0005	3113 B Electrothermal AAS
Lead (mg/L)	<MDL	0.01	0.002	3113 B Electrothermal AAS

**NOTES:**

\* ISO/IEC 17025:2005 Accredited Parameters.

MDL - Method Detection Level, nil - not detectable by the method used (result <MDL)

PNSDW - Philippine National Standards for Drinking Water

The result apply only to the sample tested by PRLI and shall not be interpreted as approval, disapproval, rejection or endorsement of product from which the sample was obtained. Result(s) of the examination is/are specifically related to sample(s) as received.

**REFERENCES:**

American Public Health Association, American Water Works Association, and Water Environment Federation, 2012 Standard Methods for the Examination of Water and Waste Water, 22nd Edition., American Public Health Assoc., Washington D C  
Dept. of Health, Philippine National Standards for Drinking Water 2017

Analyzed by:

**Lorraine Mae S. Asaytuno**  
PRC No. 0013916  
Date: July 29, 2020

Certified by:

**Harlene Joy L. Cruz**  
PRC No. 0009512  
Date: July 29, 2020

Noted by:

**Louvelyn A. Bagarra**  
PRC No. 0025350  
Date: July 29, 2020

End of Report

THIS REPORT IS NOT VALID WITHOUT DRY SEAL

THIS REPORT CANNOT BE DUPLICATED OR REPRODUCED EXCEPT IN FULL AND SHALL NOT BE USED FOR ADVERTISEMENT OR LITIGATION WITHOUT THE WRITTEN PERMISSION FROM PRLI