



SUITE 807, UNION SQUARE CONDOMINIUM 15<sup>TH</sup> AVENUE, CUBAO, QUEZON CITY  
TEL/FAX: 8911-3062/8912-6537/8291-8749 Email: platinumlaboratory@gmail.com

### TEST REPORT

Sample Lab. No. : 20-0850  
Submitted By : Baao Water District  
Address : Baao, Camarines Sur  
Contact Number : -----  
Sample Source : Deepwell  
Sample Location : Bagumbayan Well

Date/Time of : 27-Jul-2020  
Collection : 1.00 AM  
Receipt : 28-Jul-2020  
Examination : 28-Jul-2020  
Test Report # PC-2020-0934

WATER QUALITY				
PHYSICAL ANALYSIS				
Parameters	Results	PNSDW Limit	MDL	Methodology
Turbidity (NTU)	0.85	5		2130 B Nephelometric Method
Apparent Color (Color Units)	5	10		2120 B Visual Comparison
CHEMICAL ANALYSIS				
pH*	6.29	6.5 - 8.5		4500-H+ B Electrometric
Total Dissolved Solids (mg/L)*	183	600		2540 C. Gravimetric dried at 180°C
Sulfate (mg/L)*	8.3	250		4500-SO <sub>4</sub> <sup>2-</sup> E. Turbidimetric
Nitrate (mg/L)	1.6	50		4500-NO <sub>3</sub> <sup>-</sup> D Electrode Method
Chloride (mg/L)	3	250		4500-Cl <sup>-</sup> B Argentometric
METAL ANALYSIS (mg/L)				
Iron (total)	<MDL	1.00	0.009	3111 B Direct Air-Acetylene
Manganese (total)	<MDL	0.40	0.009	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*  
**Lorraine Mae S. Asaytuno**  
PRC No. 0013916  
Date: August 7, 2020

Certified by:

*Hartene Joy L. Cruz*  
**Hartene Joy L. Cruz**  
PRC No. 0009512  
Date: August 7, 2020

Noted by:

*Louvelyn A. Bagarra*  
**Louvelyn A. Bagarra**  
PRC No. 0025350  
Date: August 7, 2020

End of Report

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