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TEST REPORT

Sample Lab. No. : 20-1499
 Submitted By : Baao Water District
 Address : Baao, Camarines Sur
 Contact Number : (02)8741-6556
 Sample Source : Deepwell
 Sample Location : Buluang PH

Date/Time of : 20-Dec-2020
 Collection : 1:30 PM
 Receipt : 21-Dec-2020
 Examination : Jan. 4-8, 2021
 Test Report # PC-2021-0035

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*	: 6.59	6.5 - 8.5		4500-H+ B. Electrometric
Total Dissolved Solids (mg/L)*	: 176	600		2540 C. Gravimetric dried at 180°C
Sulfate (mg/L)*	: 5.2	250		4500-SO ₄ ²⁻ E. Turbidimetric
Nitrate (mg/L)	: 6.8	50		4500-NO ₃ ⁻ D Electrode Method
Chloride (mg/L)	: 8	250		4500-Cl- B. Argentometric
METAL ANALYSIS (mg/L)				
Iron (mg/L, total)	: 0.01	1.00		3111 B. Direct Air-Acetylene
Manganese (mg/L, total)	: 0.01	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

PNSDW - Philippine National Standards for Drinking Water

Data italicized are provided by the customer.

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: January 11, 2021

Certified by:

Harlene Joy L. Cruz
 PRC No. 0009512
 Date: January 11, 2021

Noted by:

Louvelyn A. Bagarra
 PRC No. 0025350
 Date: January 11, 2021

End of Report

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