

# Final Report

Jeffreys Bay Laboratory  
 Shop 2, Surfside Centre  
 37 Da Gama Road.  
 Tel: 042 293 4125



Practice No:0774383

**Report to:**  
**GAMTOOS WATER USER ASSOCIATION**  
 ATT: LEON GRUNDLING  
 PO BOX 237  
 6335 PATENSIE

**Referred by:** GAMTOOS WATER USER ASSOCIATION

**Requisition No:** 728237798  
**Specimen No:** 0127:BS00122R  
**Collection Date:** 2026-01-27 10:00  
**Received Date:** 2026-01-27 12:53  
**Generated On:** 2026-02-26 14:17

**Patient:** ( File No: NOT SUPPLIED Ref No: V112315)  
**GW 16 WATER**  
**Patient ID No:** 26:728237798  
**Age:Sex:DoB:** U  
**Contact No:** 0420070382

**Guarantor:**  
**GAMTOOS WATER USER ASSOCIATION**  
**Med Aid:** CLIENTS  
**Member No:** NOT AVAILABLE

**Tests requested:** WATER IRRIGATION

**Referral ICD10 code(s):** Z76.9

## Biochemistry

Test Name	Result	Flag	Reference Range
POTASSIUM	3.2		mg/L
	Class 0 (Ideal) <25 Class I (Acceptable) 25 - 50 Class II (Max.Allowable) >50 - 100		
PH VALUE	7.4		5.0-9.7 pH units
CHLORIDE	41		0-300 mg/L
CONDUCTIVITY mS/m @ 25 C	21.00		0-170 mS/m
IRON	400		ug/L
	Guidelines: Aesthetic Chronic health		0-300 ug/L 0-2000 ug/L
SODIUM	26		0-200 mg/L
MAGNESIUM	4.4		mg/L
	Class 0 (Ideal) <30 Class I (Acceptable) 30 - 70 Class II (Max.Allowable) >70 - 100		
CALCIUM (H2O)	5.5		mg/L
	Class 0 (Ideal) <80 Class I (Acceptable) 80 - 150 Class II (Max.Allowable) >150 - 300		
BICARBONATES (H2O)	20.1		mg/L
CARBONATES (H2O)	0		mg/L
SULPHATES	7		mg/L
	Guidelines: Aesthetic Acute health		0-250 mg/L 0-500 mg/L
MANGANESE	< 50		ug/L
	Guidelines: Aesthetic Chronic health		0-100 ug/L 0-400 ug/L
LANGELIER SATURATION INDEX	-2.2		
A saturation index value of 0 is perfectly balanced			

(non-corrosive and non-scaling).  
 A Negative saturation index value will tend to be corrosive.  
 A Positive saturation index value will tend to scale forming.

Na ABSORPTION RATE WATER 2.00

COMMENT:

Sampling done by client.  
 Test results are specific only to the sample tested.  
 Samples from the same or similar source may deliver a different result.

water testing was performed by Pathcare's wholly owned subsidiary, Bemlab Pty Ltd  
 Accreditation number T0654  
 For a list of accredited analytes, please contact Bemlab at 021 8531490 or email admin@bemlab.co.za

BORON (WATER ANALYSIS) < 100 0-2400 ug/L

COMMENT:

Guidelines as per SANS 241-1:2011 Drinking water.  
 DWAF guidelines available on:  
[http://www.dwaf.gov.za/iwqs/wq\\_guide/index.asp](http://www.dwaf.gov.za/iwqs/wq_guide/index.asp)

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For consultation, contact a Pathologist - 0422934125

H=High, L=Low, \*H=Critically High, \*L=Critically Low, #=Delta Checked

In rare cases, analytical interference may cause erroneous results.

Please inform pathologist if results and clinical picture do not concur.

~ File [ ] Phone Patient [ ] Appointment [ ] Prescription [ ] Draw File [ ]