

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: 728237793
Specimen No: 0127:BS00121R
Collection Date: 2026-01-27 10:00
Received Date: 2026-01-27 12:53
Generated On: 2026-02-26 14:17

Patient: (Ref No: V112315)
GW 10 WATER
Patient ID No: N/A
Age:Sex:DoB: U
Contact No: N/A

Guarantor:
GAMTOOS WATER USER ASSOCIATION

Tests requested: WATER IRRIGATION

Biochemistry

Test Name	Result	Flag	Reference Range			
POTASSIUM	1.5		mg/L			
	<table border="1"> <tr> <td>Class 0 (Ideal) <25</td> <td>Class I (Acceptable) 25 - 50</td> <td>Class II (Max.Allowable) >50 - 100</td> </tr> </table>			Class 0 (Ideal) <25	Class I (Acceptable) 25 - 50	Class II (Max.Allowable) >50 - 100
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PH VALUE	7.3		5.0-9.7 pH units			
CHLORIDE	41		0-300 mg/L			
CONDUCTIVITY mS/m @ 25 C	20.40		0-170 mS/m			
IRON	380		ug/L			
	Guidelines: Aesthetic 0-300 ug/L Chronic health 0-2000 ug/L					
SODIUM	24		0-200 mg/L			
MAGNESIUM	4.2		mg/L			
	<table border="1"> <tr> <td>Class 0 (Ideal) <30</td> <td>Class I (Acceptable) 30 - 70</td> <td>Class II (Max.Allowable) >70 - 100</td> </tr> </table>			Class 0 (Ideal) <30	Class I (Acceptable) 30 - 70	Class II (Max.Allowable) >70 - 100
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CALCIUM (H2O)	5.2		mg/L			
	<table border="1"> <tr> <td>Class 0 (Ideal) <80</td> <td>Class I (Acceptable) 80 - 150</td> <td>Class II (Max.Allowable) >150 - 300</td> </tr> </table>			Class 0 (Ideal) <80	Class I (Acceptable) 80 - 150	Class II (Max.Allowable) >150 - 300
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BICARBONATES (H2O)	19.6		mg/L			
CARBONATES (H2O)	0		mg/L			
SULPHATES	7		mg/L			
	Guidelines: Aesthetic 0-250 mg/L Acute health 0-500 mg/L					
MANGANESE	< 50		ug/L			
	Guidelines: Aesthetic 0-100 ug/L Chronic health 0-400 ug/L					
LANGELIER SATURATION INDEX	-2.3					
	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	1.90

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
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COMMENT:

Guidelines as per SANS 241-1:2011 Drinking water.
 DWAF guidelines available on:
http://www.dwaf.gov.za/iwqs/wq_guide/index.asp

Authorised on 2026-02-26 13:33

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 []