

** Pathologists **
Drs Dietrich, Voigt & Mia

PathCare Reference Laboratory
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FINAL REPORT

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Doctor
GAMTOOS IRRIGATION BOARD
ATT: LEON GRUNDLING
PO BOX 237
6335 PATENSIE

Patient
KOUGA KANAAL WATER
ATT: LEON GRUNDLING
PATENSIE

Age : Sex : DOB : 32:U: MedAid Num NOT AVAILABLE
ID Number V105024 Tel No (H) NOT AVAILABLE
Other Number NOT SUPPLIED Tel No (C) NOT SUPPLIED
Specimen : 0209:BS00080R Lab Ref
Collection Date : 2021-02-09 10:00 728189493
Received Date : 2021-02-09 12:20 File No. NOT SUPPLIED/
Report Date : 2021-02-24 09:45

Tests Requested :
~PathCare, 98 WATER IRRIGATION

Primary ICD10 Code(s) : Z76.9

----- BIOCHEMISTRY -----

| Test | Result | Flag Reference |
|----------------------------|--------------|------------------|
| > POTASSIUM | 2.0 | mg/L |
| :.....:.....:.....: | | |
| : Class 0 | Class I | Class II |
| : (Ideal) | (Acceptable) | (Max.Allowable) |
| : <25 | 25 - 50 | >50 - 100 |
| :.....:.....:.....: | | |
| > PH VALUE | 7.4 | 5.0-9.7 pH units |
| > CHLORIDE | 56 | 0-300 mg/L |
| > CONDUCTIVITY mS/m @ 25 C | 26.80 | 0-170 mS/m |
| > IRON | 80 | ug/L |
| Guidelines: | | |
| Aesthetic | 0-300 ug/L | |
| Chronic health | 0-2000 ug/L | |
| > SODIUM | 29 | 0-200 mg/L |
| > MAGNESIUM | 5.2 | mg/L |
| :.....:.....:.....: | | |
| : Class 0 | Class I | Class II |
| : (Ideal) | (Acceptable) | (Max.Allowable) |
| : <30 | 30 - 70 | >70 - 100 |
| :.....:.....:.....: | | |
| > CALCIUM (H2O) | 5.8 | mg/L |

Patient
KOUGA KANAAL WATER

Lab Ref
728189493

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----- BIOCHEMISTRY -----

| Test | Result | Flag | Reference |
|------------------------------|--|--------------|-----------------|
| | Class 0 | Class I | Class II |
| | (Ideal) | (Acceptable) | (Max.Allowable) |
| | <80 | 80 - 150 | >150 - 300 |
| > BICARBONATES (H2O) | 28.0 | | mg/L |
| > CARBONATES (H2O) | 0 | | mg/L |
| > SULPHATES | 10 | | mg/L |
| | Guidelines: | | |
| | Aesthetic | 0-250 | mg/L |
| | Acute health | 0-500 | mg/L |
| > MANGANESE | 60 | | ug/L |
| | Guidelines: | | |
| | Aesthetic | 0-100 | ug/L |
| | Chronic health | 0-400 | ug/L |
| > LANGELIER SATURATION INDEX | -2.0 | | |
| | 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 | 2.10 | | |
| > 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) | < 80 | | 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 | | |

Authorized on 2021-02-24 09:36:00

For consultation, contact a Pathologist - 0422934125

H=High, L=Low, *H=Critically High, *L=Critically Low

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 []

END OF REPORT : Total Number of Pages : 2