

**MICROBIOLOGICAL ANALYSIS
TEST REPORT**

Sample From:

AVENG - KEYPLAN

Address: Keyplan
Hendrina

Date Received:

28-Sep-11

Date Analyzed:

28-Sep-11

Date Reported:

1-Oct-11

Quantity Analyzed:

3

LAB NO	SAMPLE NAME	STERILIZED BOTTLE		TOTAL COLIFORM BACTERIA PER / 100ML	A/B	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
		YES	NO					
2	Mine Feed	x		Nil	B	Not Detected	Not Detected	8
3	Potable Water	x		Nil	B	Not Detected	Not Detected	4
4	Potable Hendrina Water	x		5	B	Not Detected	Not Detected	7
METHOD USED				A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

**S.A.N.S. 241-1:2011 MICROBIOLOGICAL REQUIREMENTS
Allowable compliance for DRINKING WATER**

Determinant	Risk	Unit	Standard limits
Escherichia Coliform / or Faecal Coliform bacteria	Acute Health - 1	Count per 100 ml	Not Detected
Heterotrophic Plate Count	Operational	Count per 1 ml	≤ 1 000
Total Coliform Bacteria	Operational	Count per 100 ml	≤ 10

Results exceeding alert levels will require immediate remedial action and follow-up sampling.

EFFLUENT WATER

Regional Standard (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies : Waste water or Effluent shall **not** contain more than 1000 Faecal Coliform per 100 ml.

These results relate only to samples tested.

Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

REMARKS:

**SANS
241-1
Edition 1
2011**