



Certificate of Analysis

Santos Limited
GPO Box 2319
ADELAIDE SA 5000
Australia

Attention: Noel Dowdell

Project 08PEAD0018626
Collected by Client
Client Ref: 849485-101

Customer Sample ID	West
Sample Type	Mereenie-18
Date Sampled	Water
Time Sampled	31/05/2008
	15:30

WATER ANALYSIS

Test/Reference	Unit	
PROPERTIES: APHA 21st Ed		
pH at Measured Temp.		6.4
Measured Temp.	°C	19.8
Electrical Conductivity @ 25°C	µS/cm	2900
Resistivity @ 25°C	M.Ohm	3.45
ANIONS mg/L APHA 21st Ed		
Hydroxide as OH	mg/L	<1
Carbonate as CO3	mg/L	<1
Bicarbonate as HCO3	mg/L	140
Chloride as Cl	mg/L	980
Nitrate as NO3	mg/L	<0.1
Sulphate as SO4	mg/L	13
Total Anions	mg/L	1100
ANIONS meq/L APHA 21st Ed		
Hydroxide as OH	meq/L	<0.01
Carbonate as CO3	meq/L	<0.01
Bicarbonate as HCO3	meq/L	2
Chloride as Cl	meq/L	28
Nitrate as NO3	meq/L	<0.01
Sulphate as SO4	meq/L	0.27
Total Anions	meq/L	30
CATIONS mg/L APHA 21st Ed		
Potassium as K	mg/L	74
Sodium as Na	mg/L	410
Calcium as Ca	mg/L	180
Iron as Fe	mg/L	11
Magnesium as Mg	mg/L	35
Total Cations	mg/L	720
CATIONS meq/L APHA 21st Ed		
Potassium as K	meq/L	2
Sodium as Na	meq/L	18
Calcium as Ca	meq/L	9
Iron as Fe	meq/L	0.59
Magnesium as Mg	meq/L	3
Total Cations	meq/L	32
DERIVED PARAMETERS APHA 21st Ed		
Ion balance (Diff * 100/Sum)	%	4

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WATER ANALYSIS

Test/Reference	Unit	
Acceptance Criteria	%	5
Satisfactory		Yes
Total Alkalinity (calc as CaCO ₃)	mg/L	120
Total Cations + Anions	mg/L	1900
Hardness (calc as CaCO ₃)	mg/L	600
Calculated Total Dissolved Solids	mg/L	1900

Test Description

DERIVED PARAMETERS

If the ion balance in this sample is unsatisfactory it is most likely due to a component or components of the sample that is not within the scope of this analysis.

Authorised By

Valentina Pavlovic

Chemist

Accreditation No 2013

Laboratory Manager

Diane Cass

Operations Manager



Final Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Samples will be discarded after 30 days unless otherwise notified.

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