



Santos Limited
GPO Box 2319
ADELAIDE SA 5000
Australia

Attention: Noel Dowdell

Project **08PEAD0018623**
Collected by Client
Client Ref: 849485-101

Customer Sample ID	West
Sample Type	Mereenie-15
Date Sampled	Water
WATER ANALYSIS	18/05/2008

Test/Reference	Unit	
PROPERTIES: APHA 21st Ed		
pH at Measured Temp.		6.6
Measured Temp.	°C	19.8
Electrical Conductivity @ 25°C	µS/cm	4300
Resistivity @ 25°C	M.Ohm	2.33
ANIONS mg/L APHA 21st Ed		
Hydroxide as OH	mg/L	<1
Carbonate as CO3	mg/L	<1
Bicarbonate as HCO3	mg/L	210
Chloride as Cl	mg/L	1600
Nitrate as NO3	mg/L	<0.1
Sulphate as SO4	mg/L	21
Total Anions	mg/L	1900
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	3
Chloride as Cl	meq/L	46
Nitrate as NO3	meq/L	<0.01
Sulphate as SO4	meq/L	0.44
Total Anions	meq/L	50
CATIONS mg/L APHA 21st Ed		
Potassium as K	mg/L	250
Sodium as Na	mg/L	660
Calcium as Ca	mg/L	260
Iron as Fe	mg/L	53
Magnesium as Mg	mg/L	50
Total Cations	mg/L	1300
CATIONS meq/L APHA 21st Ed		
Potassium as K	meq/L	6
Sodium as Na	meq/L	29
Calcium as Ca	meq/L	13
Iron as Fe	meq/L	3
Magnesium as Mg	meq/L	4
Total Cations	meq/L	55
DERIVED PARAMETERS APHA 21st Ed		
Ion balance (Diff * 100/Sum)	%	4
Acceptance Criteria	%	5

Customer Sample ID **West**
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Date Sampled **Water**
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WATER ANALYSIS

Test/Reference	Unit	
Satisfactory		Yes
Total Alkalinity (calc as CaCO ₃)	mg/L	170
Total Cations + Anions	mg/L	3200
Hardness (calc as CaCO ₃)	mg/L	860
Calculated Total Dissolved Solids	mg/L	2800

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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