



Santos Limited
GPO Box 2319
ADELAIDE SA 5000
Australia

Attention: Noel Dowdell

Project 08PEAD0018629
Collected by Client
Client Ref: 849485-101

Customer Sample ID	East Mereenie-43	
Sample Type	Water	
Date Sampled	03/06/2008	
Time Sampled	14:30	
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	1100
Resistivity @ 25°C	M.Ohm	9.09
ANIONS mg/L APHA 21st Ed		
Hydroxide as OH	mg/L	<1
Carbonate as CO3	mg/L	<1
Bicarbonate as HCO3	mg/L	30
Chloride as Cl	mg/L	490
Nitrate as NO3	mg/L	<0.1
Sulphate as SO4	mg/L	7
Total Anions	mg/L	530
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	0.50
Chloride as Cl	meq/L	14
Nitrate as NO3	meq/L	<0.01
Sulphate as SO4	meq/L	0.14
Total Anions	meq/L	14
CATIONS mg/L APHA 21st Ed		
Potassium as K	mg/L	19
Sodium as Na	mg/L	180
Calcium as Ca	mg/L	92
Iron as Fe	mg/L	<0.1
Magnesium as Mg	mg/L	18
Total Cations	mg/L	310
CATIONS meq/L APHA 21st Ed		
Potassium as K	meq/L	0.50
Sodium as Na	meq/L	8
Calcium as Ca	meq/L	5
Iron as Fe	meq/L	<0.01
Magnesium as Mg	meq/L	1
Total Cations	meq/L	14
DERIVED PARAMETERS APHA 21st Ed		
Ion balance (Diff * 100/Sum)	%	0
Acceptance Criteria	%	5

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WATER ANALYSIS

Test/Reference	Unit	
Satisfactory		Yes
Total Alkalinity (calc as CaCO ₃)	mg/L	25
Total Cations + Anions	mg/L	840
Hardness (calc as CaCO ₃)	mg/L	300
Calculated Total Dissolved Solids	mg/L	680

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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The samples were not collected by Amdel staff.