



Santos Limited
GPO Box 2319
ADELAIDE SA 5000
Australia

Attention: Noel Dowdell

Project 08PEAD0018627
Collected by Client
Client Ref: 849485-101

Customer Sample ID	East Mereenie-40	
Sample Type	Water	
Time Sampled	14:35	
WATER ANALYSIS		
Test/Reference	Unit	
PROPERTIES: APHA 21st Ed		
pH at Measured Temp.		4.2
Measured Temp.	°C	19.8
Electrical Conductivity @ 25°C	µS/cm	160000
Resistivity @ 25°C	M.Ohm	0.06
ANIONS mg/L APHA 21st Ed		
Hydroxide as OH	mg/L	<1
Carbonate as CO3	mg/L	<1
Bicarbonate as HCO3	mg/L	<1
Chloride as Cl	mg/L	120000
Nitrate as NO3	mg/L	<0.1
Sulphate as SO4	mg/L	450
Total Anions	mg/L	120000
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	<0.01
Chloride as Cl	meq/L	3300
Nitrate as NO3	meq/L	<0.01
Sulphate as SO4	meq/L	9
Total Anions	meq/L	3300
CATIONS mg/L APHA 21st Ed		
Potassium as K	mg/L	6600
Sodium as Na	mg/L	36000
Calcium as Ca	mg/L	23000
Iron as Fe	mg/L	230
Magnesium as Mg	mg/L	6100
Total Cations	mg/L	72000
CATIONS meq/L APHA 21st Ed		
Potassium as K	meq/L	170
Sodium as Na	meq/L	1600
Calcium as Ca	meq/L	1200
Iron as Fe	meq/L	12
Magnesium as Mg	meq/L	500
Total Cations	meq/L	3400
DERIVED PARAMETERS APHA 21st Ed		
Ion balance (Diff * 100/Sum)	%	1
Acceptance Criteria	%	5
Satisfactory		Yes

Customer Sample ID East Mereenie-40
Sample Type Water
Time Sampled 14:35

WATER ANALYSIS

Test/Reference	Unit	
Total Alkalinity (calc as CaCO ₃)	mg/L	0
Total Cations + Anions	mg/L	190000
Hardness (calc as CaCO ₃)	mg/L	83000
Calculated Total Dissolved Solids	mg/L	100000

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.