

Container Identification
PB11C

Operator Name
ENCANA CORPORATION

Laboratory Number
14WF835566C

Unique Well Identifier	Well Name
104/03-15-079-17W6/00	ECA CRP Hz SUNRISE E3-21-79-17

Field or Area	Pool or Zone	Sampler's Company
SUNRISE	MONTNEY	AGAT/FORT ST. JOHN

Well License	Elevation	Test Type	Test No.	Name of Sampler
29387	KB m 784.40 GRD m 778.60			TH

Test Interval or Perfs mKB	Sampling Point	Separator	Reservoir	Source	Sampled	Received
2560.00-4304.80	TEST VESSEL					
mKB		Pressure (kPa)				
		Temperature				

Date Sampled	Date Received	Date Analyzed	Date Reported	Location - Approved By - Title
May 02, 2014	May 02, 2014	May 07, 2014	May 07, 2014	Calgary - Leila Nasrat - Reporter

Other Information
SFC: E3-21-79-17W6; TAKEN @18:00HRS ; RESISTIVITY <0.05

* Results relate only to the items tested

Cations

ION	mg/L	mmol/L	meq/L
Na	52900.0	2301.0	2301.0
K	2030.0	51.9	51.9
Ca	11600.0	289.4	578.9
Mg	1130.0	46.5	93.0
Fe	2.4	0.0	TRACE
Total Cations			3024.9

Anions

ION	mg/L	mmol/L	meq/L
Cl	110966.0	3130.0	3130.0
HCO ₃	76.7	1.3	1.3
SO ₄	24.3	0.3	0.5
CO ₃	Nil	Nil	Nil
OH	Nil	Nil	Nil
Total Anions			3131.8

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	178687
Observed pH	5.86
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	1.124
Resistivity/OHM-m (25°C)	0.050
Salinity %	17.82
Total Alkalinity as CaCO ₃	62.83

This analysis and calculations are based on:

pH = SM 4500 H+

Alkalinity = SM 2320

Cations = EPA SW-846 7000B

Anions = SM 4110B

H₂S = SM 4500 S⁻²

Stiff Diagram (meq/L)

