



Container Identification

PB11C

Operator Name ENCANA CORPORATION **Laboratory Number** 14WF835566C

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

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 784.40 GRD m 778.60 ΤH KB m

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

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

ION

Na

Κ Ca

Mg

Fe

Cations

mg/L	mmol/L	meq/L
52900.0	2301.0	2301.0
2030.0	51.9	51.9
11600.0	289.4	578.9
1130.0	46.5	93.0
2.4	0.0	TRACE

Total Cations 3024.9

Anions

ION	mg/L	mmol/L	meq/L
CI	110966.0	3130.0	3130.0
HCO3	76.7	1.3	1.3
SO4	24.3	0.3	0.5
CO3	Nil	Nil	Nil
ОН	Nil	Nil	Nil

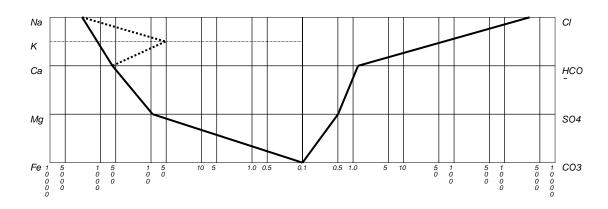
Total Anions 3131.8

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	178687
Observed pH	5.86
H2S (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 CaCO3	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)







Results relate only to the items tested