

SEP-16-1999 07:21

CHEVRON D C & W 234 5400

483 234 5400 P.01/02

AGAT Laboratories**WATER ANALYSIS**

Container Identification PB 101		Laboratory Number WG428591	
Operator Name CHEVRON CANADA RESOURCES LIMITED			
Unique Well Identifier 0-80 NWT	Well Name CHEVRON et al MCKAY LAKES 0-80		Elevation KB m 289.80 QRD m 282.32
Field or Area MCKAY LAKES	Pool or Zone MATTSON SAND	Sampler's Company BAKER	
Test Type DST	Test No. 1	Test Recovery SP: BHS #111	Name of Sampler
Test Interval or Period 594.00-606.00 mCD		Sampling Point BHS	Pressure (kPa) Temperature (°C)
Date Sampled Sep 05, 1999		Date Received Sep 15, 1999	Date Reported Sep 15, 1999
Other Information		Analyst KK	

Cations

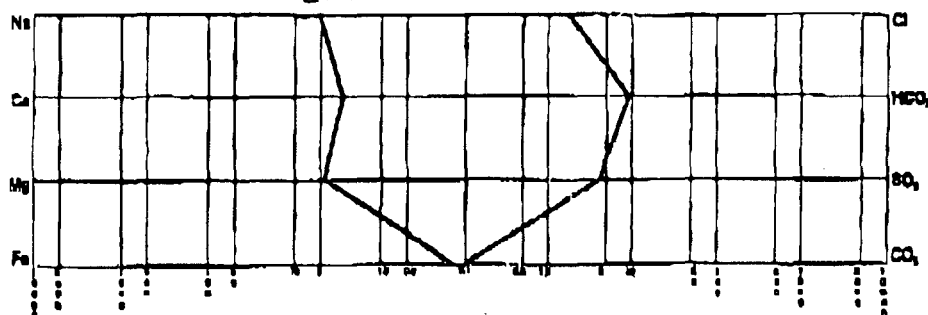
ION	mg/L	Mass Fraction	mmol/L
Na	119.8	0.086	5.2
K	13.8	0.010	0.4
Ca	112.2	0.081	2.8
Mg	110.8	0.080	4.6
Fe	7.9	0.006	0.1

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	52.4	0.045	1.8
HCO ₃	558.2	0.401	9.1
SO ₄	403.3	0.291	4.2
CO ₃	NR	NR	NR
OH	NR	NR	NR

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	1386
Observed Ph	7.67
M20 (25°C) mg/L	N/D
Relative Density (25°C)	0.993
Resistivity / Ohm-cm (25°C)	5.460
Salinity ‰	0.01

Total Cations **20.6**Total Anions **19.3****Logarithmic Pattern mmol/L**

Calgary AB, Ph: (403) 293-8000. Edmonton AB, Ph: (780) 483-5100. Grand Prairie AB, Ph: (780) 539-8300. Red Deer AB, Ph: (403) 848-2615.
 Fort St. John BC, Ph: (250) 768-4600. Prince George BC, Ph: (250) 693-6911. Terrace BC, Ph: (250) 616-8288. Mississauga ON, Ph: (905) 677-2234.

SEP-15-1999 17:33

483 299 2010

97%

P.02

SEP-16-1999 07:22 CHEVRON D C & W 234 5400

403 234 5400 P.02/02

AGAT Laboratories**WATER ANALYSIS**

Container Identification PB 17P		Laboratory Number WG42589P											
Operator Name CHEVRON CANADA RESOURCES LIMITED													
Unique Well Identifier 0-80 NWT	Well Name CHEVRON et al MCKAY LAKES 0-80		Elevation KB m 299.80 GRD m 202.32										
Field or Area MCKAY LAKES	Pool or Zone NOT APPLICABLE	Sampler's Company BAKER											
Test Type DST	Test No. 2	Test Recovery SP: BHS #222	Name of Sampler										
Test Interval or Period 185.00-402.00 mKB		Sampling Point SHS	Pressure (kPa) Temperature (°C) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Separator</th> <th>Reservoir</th> <th>Source</th> <th>Sampled</th> <th>Received</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	Separator	Reservoir	Source	Sampled	Received					
Separator	Reservoir	Source	Sampled	Received									
Date Sampled Sep 06, 1999	Date Received Sep 15, 1999	Date Reported Sep 15, 1999	Analyst KK										
Other Information													

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	68.8	0.081	2.9
K	11.7	0.014	0.3
Ca	64.8	0.109	2.2
Mg	42.1	0.052	1.7
Fe	0.3	Trace	Trace

Anions

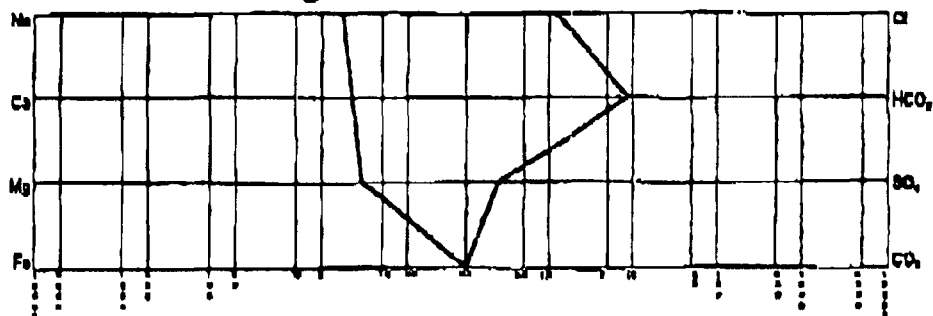
ION	mg/L	Mass Fraction	mmol/L
Cl	43.2	0.053	1.2
HCO ₃	540.3	0.682	8.9
SO ₄	23.8	0.029	0.2
CO ₃	Nil	Nil	Nil
OH	Nil	Nil	Nil

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	816
Observed Ph	7.89
H ₂ S (25°C) mg/L	N/D
Relative Density (25°C)	0.999
Resistivity / Conductivity (25°C)	10,500
Salinity ‰	0.01

Total Cations 11.1

Total Anions 10.6

Logarithmic Pattern mmol/L

Calgary AB, Ph: (403) 299-3000. Edmonton AB, Ph: (780) 499-0102. Grand Prairie AB, Ph: (780) 552-6302. Red Deer AB, Ph: (403) 546-6845.
 Fort St. John BC, Ph: (250) 799-6900. Prince George BC, Ph: (250) 568-8111. Terrace BC, Ph: (250) 615-8288. Mississauga ON, Ph: (905) 877-0224.

SEP-15-1999 17:33

403 299 2010

97%

P.03

TOTAL P.02