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PARTS B AND C

ASSESSMENT REPORT FOR LITHIUM EXPLORATION ON THE PEACE SOUTH PROPERTY, SWAN HILLS AREA, WEST-CENTRAL ALBERTA: METALLIC MINERAL PERMITS 9308120653 to 9308120657 AND 9308120667, 9308120668

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ASSESSMENT REPORT FOR LITHIUM EXPLORATION ON THE PEACE SOUTH PROPERTY, SWAN HILLS AREA, WEST-CENTRAL ALBERTA: METALLIC MINERAL PERMITS 9308120653 to 9308120657 AND 9308120667, 9308120668

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

ASSESSMENT REPORT FOR LITHIUM EXPLORATION ON THE PEACE SOUTH PROPERTY, SWAN HILLS AREA, WEST-CENTRAL ALBERTA: METALLIC MINERAL PERMITS 9308120653 to 9308120657 AND 9308120667, 9308120668

SUMMARY

In 2009, First Lithium Resources Inc. (First Lithium) engaged APEX Geoscience Ltd. (APEX) to perform a review and compilation of formation water and petroleum well data for First Lithium's Peace South Property. The Peace South Property is located in west-central Alberta, approximately 60km south of Peace River, along the highway. The Peace South Property is comprised of 7 Industrial and Metallic Mineral Permits which together form a single contiguous package of land that totals approximately 63,100 hectares (Ha).

First Lithium's Peace South mineral permits cover a large portion of gas fields hosted in the Devonian Woodbend (Leduc) carbonate reef complexes. Spatially associated with the gas pools are aquifers that consist of lithium (Li) enriched sodium-calcium (Na-Ca) chloride brines. Based on the Li concentration and rock property data (porosity and permeability) there are three areas (aquifers) with the potential for formation water production and Li extraction. Of interest to First Lithium's Peace South property is the northern Woodbend (Leduc) reef, particularly the oil pool underlying the southeast corner of the Property.

Based upon the information provided by Hitchon *et al.* (1995) in AGS Bulletin 62, First Lithium's Peace South Property is a moderate priority for exploration for Li in Devonian formation water aquifers as it provides anomalous concentrations of Li and also large quantities of formation waters in producible aquifers with other potentially producible elements such as potassium (K), bromine (Br), boron (B) and iodine (I). Within the Peace South Property, there is at least 1 primary area that should be targeted for Li in formation waters. The southeastern most permit is centered over a Woodbend Formation Oil Pool and is a priority target area for formation water sampling as it covers the Devonian northern Woodbend Lake gas field and aquifer where Hitchon *et al.* (1995) have calculated a historic Li resource.

The southeastern most permit is centered over a Woodbend Formation Oil Pool with at least one well that has yielded 100 ppm Li from associated formation waters. There are 15 active oil and gas wells in the field above the oil pool. Information from Hitchon *et al.* (1995) indicates that this block may be a somewhat lower priority target for Li in formation waters but should still be considered for some sampling.

To date, there has been no direct exploration for Li on the Peace South property. However, in 2010 First Lithium sampled the formation waters in 9 wells that sampled oil

and/or gas pools within the Beaverhill Lake Formation aquifer in addition to a single formation water sample was collected by First Lithium personnel from one of four producing gas pools in the Woodbend Formation in the vicinity of the Berland River. Formation water collected by First Lithium from well 1/1A 06-19-059-20W5 yielded 93.2 ppm Li, indicating that the Woodbend gas pools are prospective for high concentrations of Li and other industrial minerals. High concentrations of Br, B and K were also present in the sample. Future sampling of the Woodbend Formation aquifer will hopefully validate the concept of establishing the Peace South project as a potential producer of a number of high-value products, including lithium chloride, lithium carbonate, potash and borates.

Based upon the APEX data review, the encouraging sampling results and the similarities to the producing Clayton Valley brines, aquifers within the Devonian Woodbend (Leduc) carbonate reef complexes underlying the Peace South Property held by First Lithium warrant further exploration for Li as well as other associated elements including Na, Ca, K, Mg, Br and I. The concentrations of Li in conjunction with numerous producing gas wells and other infrastructure on the Property that are already producing significant amounts of formation waters from the targeted horizons indicate that significant potential exists for the Peace South Property to yield brines with Li. Further work is required to confirm the continuity and producibility of the Li-bearing brines and, if the continuity and producibility can be confirmed, a process methodology that could work in conjunction with current gas field batteries that are currently producing the waters, treating them and re-injecting those waters back into the reservoirs or other formations.

Stage 1 exploration should continue with a) further compilation and research for existing water chemical analyses, with the office work consisting of recreating Dr. Hitchon's formation water database, further investigations at the ERCB in Calgary, an investigation of the water producibility of each active well and even some of the suspended or abandoned but old producing wells. Concurrently with the compilation, Stage 1 b) should consist of continuing the ongoing field based water chemistry sampling program consisting of a well sampling program to better determine the Li and other element potential of the Peace South Property formation brines.

APEX recommends sampling about 10 wells within the Peace South Block, especially the southeastern most permit, in and around the anomalous well, which sits over a Woodbend Formation oil pool. The sampling program will require the use of an LGR Unit to conduct the sampling which will cost about $2,500 per day and include the sophisticated LGR Unit (truck mounted) along with two technicians to operate it and conduct the sampling. The end result would be a number of formation water analyses. If a reasonable grade of Li of about 80 to 150 ppm confirmed and is reasonably consistent from one well to the next, the data might permit a preliminary resource calculation.

Once the field and analytical data are in hand, geochemical groundwater modeling should be carried out followed by process engineering design and bench

scale testing. In order to get to a proper 43-101 compliant resource a hydrogeological consultant will be required help evaluate the porosity, permeability, total content of formation water and recharge capacity of the reservoir.

The total all up estimated cost including a 43-101 report at the end of the program is $100,000 including GST. The estimated time frame to conduct the sampling is about 3 months.

INTRODUCTION AND TERMS OF REFERENCE

APEX Geoscience Ltd. (APEX) was retained during 2009 as consultants by First Lithium Resources Ltd (First Lithium), to compile all existing geological, geophysical and geochemical data for First Lithium's Peace South Lithium Property (the Property) in order to perform an independent evaluation of the potential of the property to host recoverable lithium (Li) from Paleozoic carbonate hosted aquifers. First Lithium obtained 100% interest in the Peace South Lithium Property, which is located approximately 60 km southwest of Peace River and 490 km northwest of Edmonton, Alberta. This report is written as an Assessment Report for First Lithium. The Peace South Lithium Property is considered an early stage exploration project. There is no known mineral resource as defined by "CIM Definition Standards on Mineral Resources and Ore Reserves" dated November 22nd, 2005, however, there are a number of historic reported formation water geochemical analyses with anomalous concentrations of Li. This evaluation has been prepared on the basis of available published and unpublished material, including those outlined in the references section.

Mr. Michael B. Dufresne, M.Sc., P.Geol., the author of this Assessment report, is a principal of APEX and is an independent and Qualified Person as defined in National Instrument 43-101. Mr. Dufresne has conducted fieldwork on and in the vicinity of the Property and surrounding area along with supervising a number of exploration programs for a variety of commodities across the Swan Hills region. No field work has been conducted by the author or First Lithium in the search for Li on the Property.

RELIANCE ON OTHER EXPERTS

The report written by Mr. Dufresne is a compilation of proprietary and publicly available information. The author, in writing this report, uses sources of information as listed in the 'References' section. The government reports were prepared by a person or persons holding post secondary geology, or related university degree(s). For those reports, which were written by others, whom are not qualified persons, the author must rely upon the professional measures used by the employees of the companies who completed the work. The information in those reports is assumed to be accurate, based

on the data review. The reports which were used for background information are reviewed and referenced in the history section below.

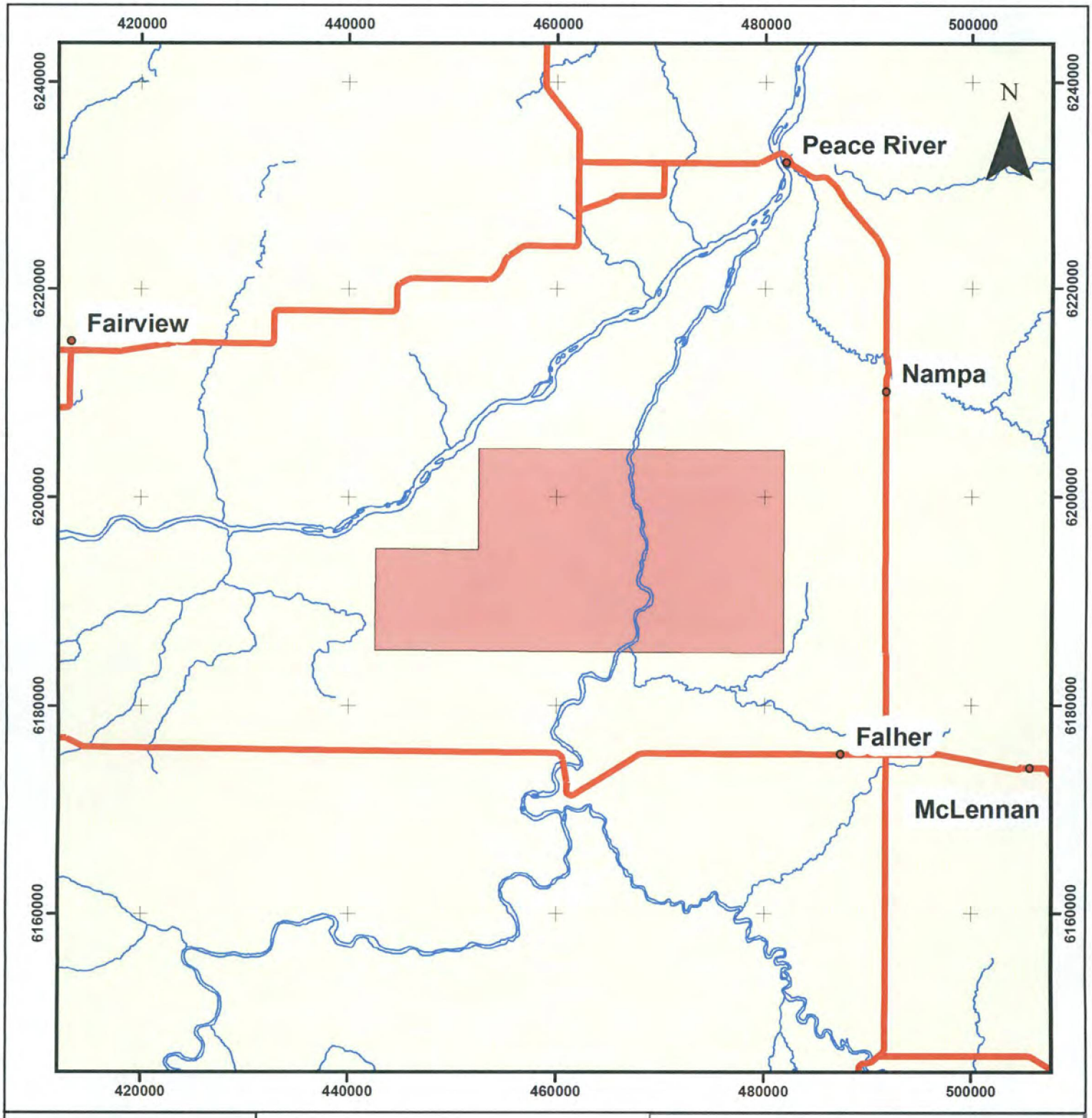
PROPERTY DESCRIPTION AND LOCATION

The Peace South Lithium Property is located in west central Alberta, approximately 60 km southwest of Peace River and 490 km northwest of Edmonton (Figure 1). The property is comprised of 7 Industrial and Metallic Mineral Permits (Table 1), which together form a single contiguous package of land that totals about 63,100 hectares (Figure 2). The mineral permits are owned 100% by First Lithium and are subject to a 3% Net Smelter Royalty and/or a 5% Gross Overriding Royalty. The property has not been legally surveyed. The legal descriptions for the property are provided in Table 1. Copies of the Industrial and Metallic Mineral Permit agreements are included in Appendix 1. The center of the property is located at approximately 466526 east and 6194888 north in Universal Transverse Mercator (UTM) Zone 11 using North American Datum 1983 (NAD 83) or at 117°33'53" west longitude and 55°54'8" north latitude.

Table 1: Industrial and Metallic Mineral Permit descriptions.

Permit No.	Owner	Term Date	Area (Ha)	Legal Description
9308120653	First Lithium	December 2, 2008	9216	5-22-079
9308120654	First Lithium	December 2, 2008	9216	5-23-079
9308120655	First Lithium	December 2, 2008	9216	5-24-079
9308120656	First Lithium	December 2, 2008	9216	5-25-079
9308120657	First Lithium	December 2, 2008	9216	5-22-080
9308120667	First Lithium	December 2, 2008	7808	5-23-080
9308120668	First Lithium	December 2, 2008	9216	5-24-080

Alberta Mining regulations grant metallic and industrial mineral permits to the permittee for 14 year terms during which at any time after the initial two-year term the mineral permit may be converted into a lease. Leases are granted for 15 year terms and may be renewed. A metallic and industrial mineral permit gives First Lithium the respective permit holder exclusive right to explore for and develop economic deposits of metallic and industrial minerals including diamonds, gold and industrial minerals such as lithium (Li) within the boundaries of the permit. The exclusive right to explore is subject to ALBERTA REGULATION 213/98 of the Alberta Mines and Minerals Act and the contained Metallic and Industrial Minerals Regulations. The standard terms and conditions for the permits are described in detail on Alberta Energy's website at http://www.energy.alberta.ca/minerals/708.asp.



Legend

Roads

- Major highways
- Secondary roads
- trails
- 083J_railway_l
- Major Roads
- lakes
- wetlands
- Peace South Property

FIRST LITHIUM RESOURCES Inc.

PEACE SOUTH PROPERTY

Property Location

0 2.5 5 10

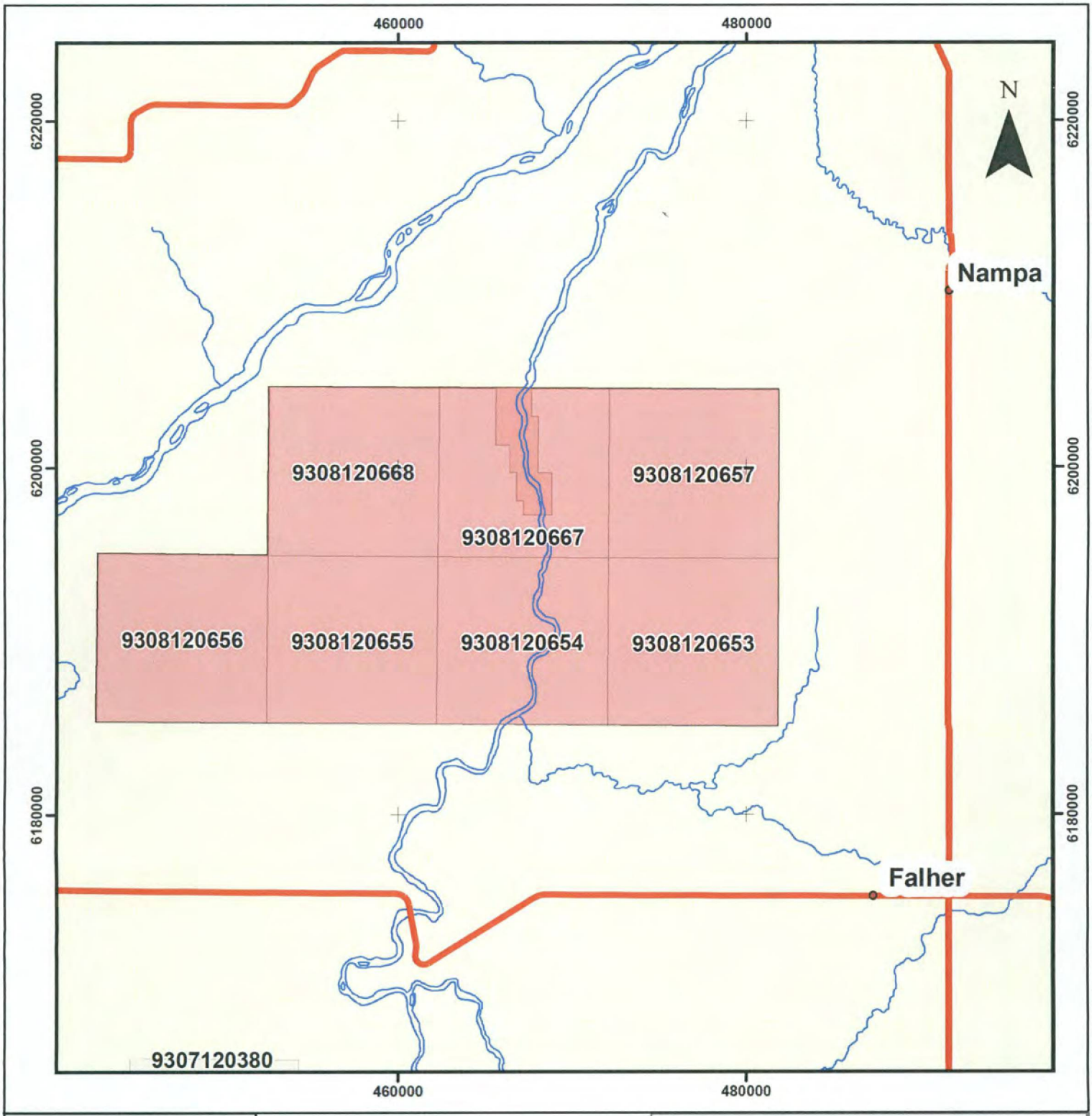
Kilometers

1:500,000

APEX GEOSCIENCE LTD.

FIGURE 1

EDMONTON, ALBERTA FEBRUARY 2011



Legend

Roads

- Major highways
- Secondary roads
- trails
- 083J_railway_l
- Major Roads
- lakes
- wetlands
- Other Minerals Claims
- Peace South Property

FIRST LITHIUM RESOURCES Inc.

PEACE SOUTH PROPERTY
Metallic Mineral Permits

0 1.5 3 6
Kilometers

1:300,000

APEX GEOSCIENCE LTD.

FIGURE 2

EDMONTON, ALBERTA FEBRUARY 2011

A permit holder shall spend or cause to be spent on assessment work with respect to the location of the mineral permit an amount equal to $5 for each hectare in the location during the first two year period; an amount equal to $10 per hectare for each of the second and third two year periods; and an amount equal to $15 per hectare for each of the fourth, fifth, sixth and seventh two year periods. Mineral permits may be grouped and excess expenditures may be carried into the next two year period.

In addition to the financial commitment, a metallic and industrial mineral permit holder is required to file an assessment report that documents all of the work conducted as well as the results of the work to Alberta Energy. The assessment report must be filed within 60 days after the record date after each two year period.

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPGY

Highway 2 runs north-south on the east of the property. The property can also be accessed from the highway via 1 or 2 lane all weather roads. Access within the property is facilitated by numerous all weather and dry weather gravel roads and tracks. Accommodation, food, fuel, and supplies are best obtained in Peace River, and in the towns of Falher and Nampa.

The Peace South property is situated in the foothills region of west-central Alberta in an area characterized by rugged, hilly topography. Elevation in the region varies from 600 meters (m) to 1380 m (2,000 ft to 4,500 ft) above sea level (ASL). The Smoky River is the dominant topographic feature and cuts through the center of the property running north-south. Additionally, numerous creeks and wetlands are found across the property. Forests in the area are dominated by aspen, balsam poplar, lodgepole pine and white spruce. Vegetation in the wetland areas is characterized by black spruce, tamarack and mosses. Annual temperatures range from -40C in January to 30C in July/August with average temperatures above 0C between April and October. Throughout the year precipitation (as rain and snow) ranges from ~14 mm to >100 mm, with the greatest precipitation falling in June and July.

HISTORY: PREVIOUS EXPLORATION

Exploration in the area of the Peace South Lithium Property has focused mainly on petroleum resources with numerous oil and gas fields known to underlie the property and nearby area (Mossop and Shetson, 1994). Based upon a search of the Energy and Resources Conservation Board (ERCB) database using geoSCOUT™, a total of 271 oil, gas or water wells have been drilled within the boundaries of First Lithium's Peace South property, and have been drilled to a depth where they have intersected at least Devonian aged rocks (Figure 3). Today, a total of 54 wells are considered "Active

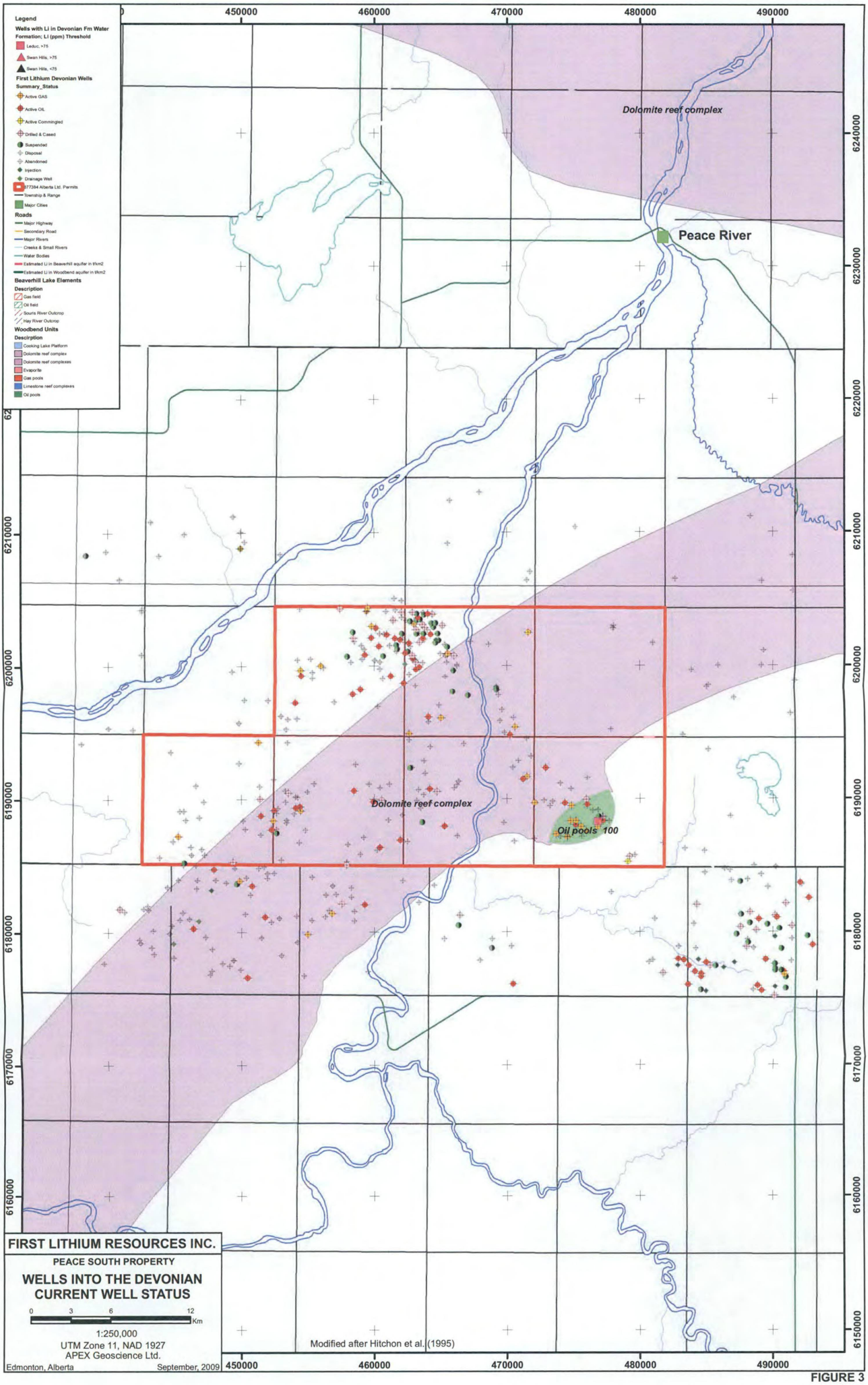

Legend
Wells with Li in Devonian Fm Water Formation; Li (ppm) Threshold
Leduc, >75
Swan Hills, >75
Swan Hills, <75
First Lithium Devonian Wells
Summary_Status
Active GAS
Active OIL
Active Commingled
Drilled & Cased
Suspended
Disposal
Abandoned
Injection
Drainage Well
877384 Alberta Ltd. Permits
Township & Range
Major Cities
Roads
Major Highway
Secondary Road
Major Rivers
Creeks & Small Rivers
Water Bodies
Estimated Li in Beaverhill aquifer in t/km2
Estimated Li in Woodbend aquifer in t/km2
Beaverhill Lake Elements
Description
Gas field
Oil field
Souris River Outcrop
Hay River Outcrop
Woodbend Units
Descirption
Cooking Lake Platform
Dolomite reef complex
Dolomite reef complexes
Evaporite
Gas pools
Limestone reef complexes
Oil pools
450000
460000
470000
480000
490000
6240000
6230000
6220000
6210000
6200000
6190000
6180000
6170000
6160000
6150000
Dolomite reef complex
Peace River
Dolomite reef complex
Oil pools 100
FIRST LITHIUM RESOURCES INC.
PEACE SOUTH PROPERTY
WELLS INTO THE DEVONIAN
CURRENT WELL STATUS
0 3 6 12
Km
1:250,000
UTM Zone 11, NAD 1927
APEX Geoscience Ltd.
Edmonton, Alberta
September, 2009
Modified after Hitchon et al. (1995)

FIGURE 3

Producing" and are producing oil or gas along with an additional 3 active disposal or injection wells, 23 suspended wells and 191 abandoned wells. The location of the wells and the important Devonian oil and gas pools and geological elements are shown in Figure 3. A search using the water geochemistry module of geoSCOUT™, indicates that there are wells on the property that have associated "water" or "filtrate" geochemical analyses, however none of the geochemical analyses in the geoSCOUT™ water geochemical database indicate that Li was analysed.

Although no direct exploration for Li has been done on First Lithium's Peace South Property, an overview of the industrial mineral potential of formation waters from across Alberta was compiled by the Alberta Geological Survey (AGS) in 1995 and represented the culmination of formation water geochemical work performed by Dr. Brian Hitchon that started in the 1970's (Bulletin 62, Hitchon *et al.*, 1995). Formation water is used as a generic term to describe all water that naturally occurs in pores of a rock and if the rock is permeable could represent an aquifer. Hitchon *et al.* (1995) compiled nearly 130,000 analyses of formation waters available from numerous sources including the ERCB files of regulatory submissions for drilling conducted by the petroleum industry, published detailed data from Hitchon *et al.* (1971, 1989), Connolly *et al.* (1990a, b) and unpublished detailed analyses collected by Hitchon whilst he was in the employ of the Alberta Research Council (ARC) and the Alberta Geological Survey (AGS).

A method for defining geographic areas with elements in formation waters of possible economic interest was defined by Hitchon (1984) and Hitchon *et al.* (1995). For each element studied, Calcium (Ca), Magnesium (Mg), Potassium (K), Lithium (Li), Iodine (I) and Bromine (Br), a detailed exploration threshold value was determined based on the concentrations in economically producing fields at that time (as defined in Hitchon, 1984 and Hitchon *et al.*, 1995). Additionally, a lower regional exploration threshold value was defined to allow for contouring and extrapolation of data to undrilled areas. The regional exploration threshold value for lithium (Li) was considered to be 50 ppm and the detailed exploration threshold value was defined as 75 ppm (Hitchon *et al.*, 1995). Hitchon *et al.* (1995) identified five stratigraphic intervals in four regions of Alberta in which their sampling and data review indicated that certain elemental concentrations exceeded the threshold values that are of economic interest for regional well and Devonian data exploration and for which porosity and permeability might allow production of the formation waters and recovery of the elements of interest from the aquifers.

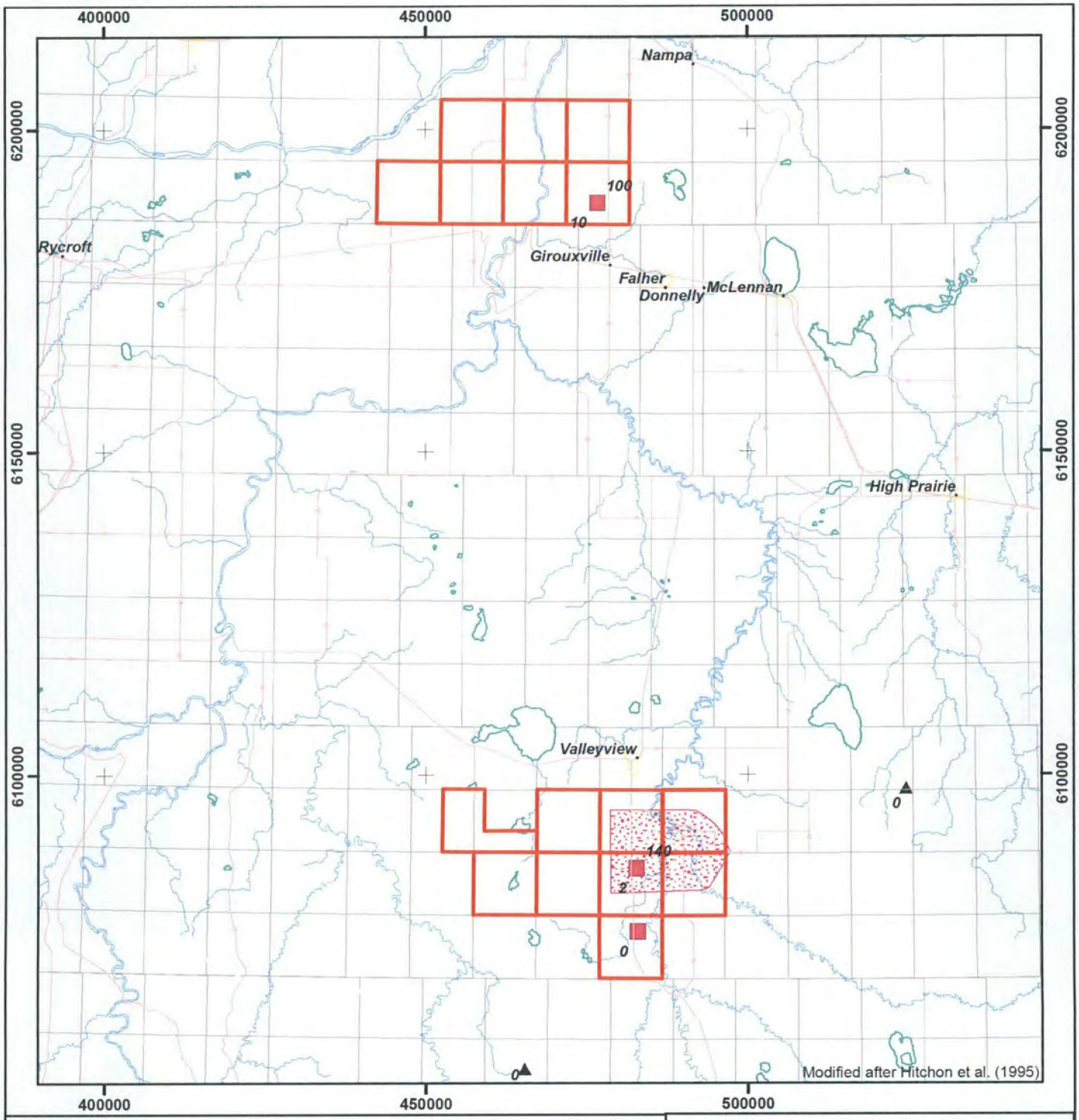
Hitchon *et al.* (1995) indicate that Li was reported in 708 formation water analyses out of the 130,000 analyses that they examined in their 1993 to 1995 study. The vast majority of these analyses, including all of the anomalous Li analyses, were derived from Hitchon's unpublished database resulting from direct sample collection by Dr. Hitchon during the period 1975 to 1977 in a joint ERCB and ARC project. Hitchon *et al.* (1995) indicate that a total of 96 geochemical formation water analyses yielded Li concentrations above the regional threshold value and 47 analyses yielded Li concentrations above the detailed threshold value of 75 ppm. The location of several

wells with Li analyses from the Beaverhill Lake or Woodbend (Leduc) formation waters with greater than 75 ppm (up to 140 ppm) are shown on Figure 3 with a few example analyses provided in Table 2. The study identified three geographic areas of stratigraphy (specifically the Beaverhill Lake and Woodbend-Leduc carbonate and reef complexes) with combined high concentrations of Li in the formation waters along with high porosity and permeability that could have potential for the production of formation waters all within west-central Alberta around and in the vicinity of the Peace South Property (Figure 3).

Hitchon et al.(1995) indicate the presence of at least one historic well that has yielded 100 ppm Li from associated formation waters (Figure 3). The size of the pool indicates that this may be a somewhat lower priority target for Li in formation waters but should still be considered for some sampling. Based upon the analyses presented by Hitchon *et al.* (1995) and shown in Table 2, the formation waters are considered Na-Ca chloride brines and are roughly 4 to 5 times the salinity of modern sea water.

Based on the Li concentration and rock property data (porosity and permeability) presented by Hitchon *et al.* (1995), there are three areas (aquifers) with potential for formation water production and Li extraction in west-central Alberta: the northern Woodbend (Leduc) reef, underlying the Valleyview and Peace South Lithium Properties, the southern Woodbend (Leduc) reef (partially underlying the Fox Creek Lithium Property) and the Beaverhill Lake aquifer (underlying the Fox Creek Lithium Property; Figure 3). In the southern Woodbend (Leduc) aquifer the potentially productive aquifer zone has an average thickness of 25 m, an average rock porosity of 6% and an average permeability of $2*10^{-14}m^2$ (Hitchon *et al.*, 1995). The potentially productive zone for the Woodbend (Leduc) aquifer is located between about 3,100 and 3,400 m below surface. The Peace South Block, overlying a Woodbend Formation dolomite reef complex, has 15 active oil and gas wells that are almost entirely owned and operated by Devon Canada Corp. and are in the vicinity of the underlying Woodbend oil pool (Figure 3).

Hitchon *et al.* (1995) provide a total resource distribution estimate for Li in formation waters for the northern and southern Woodbend (Leduc) and the Beaverhill Lake aquifers. The reader is cautioned that the resource estimates quoted by Hitchon *et al.* (1995) are considered historical scoping estimates and do not conform to "Best Practice Guidelines for the Estimation of Mineral Resources and Mineral Reserves" (CIM, 2003) and "CIM Definition and Standards on Mineral Resource and Mineral Reserves" (CIM, 2004) and, as such, do not comply with any of the categories set out in National Instrument 43-101. However, the estimates do provide an indication of the order of magnitude of the potential size of a resource that could be present and, therefore, is considered useful information in order to guide future work. Hitchon *et al.* (1995) calculate a range from 10 to 570 grams of Li per meter squared (gLi/m^2) (or tonnes of Li per kilometer squared [tLi/km^2]) and between 34 and 340 gLi/m^2 (tLi/km^2) for the southern and northern Woodbend aquifers, respectively (Figure 3). Hitchon *et al.* (1995) indicate that the high variability in the resource distribution is due to the characteristic highly variable porosity and thickness of reef complexes that comprise the potentially productive zones. Hitchon *et al.* (1995) estimate that the total Li resource



Legend

- Towns
- First_Lithium_Permits
- Roads
- Lakes
- Rivers
- Township & Range

Wells with Li in Devonian Formation Waters

- >75 ppm Li, Swan Hills Fm
- <75 ppm Li, Swan Hills Fm
- >75 ppm Li, Leduc Fm; Li in ppm
- Beaverhill Fm Aquifer with Li Potential
- Woodbend (Leduc) Fm Aquifer with Li Potential

Li in ppm
ID

Identifier (ID) corresponds to ID in Table 2 and in Hitchon et al. (1995); 0 = No ID

FIRST LITHIUM RESOURCES INC.

SOUTH PEACE & VALLEYVIEW PROPERTIES

DEVONIAN AQUIFERS AND Li IN FORMATION WATERS

0 10 20 40 Km

1:850,000

UTM Zone 11, Nad 1983

APEX Geoscience Ltd.

Edmonton, AB February, 2011

FIGURE 4

contained within the Beaverhill Lake and Leduc (North and South) aquifers is potentially 515,000 tonnes of Li over an area of 3,980 km^2. A portion of this potential resource could be contained within the Woodbend (Leduc) aquifer that underlie First Lithium's Peace South Lithium Property. This estimate is historic in nature and represents a scoping estimate on how much total Li might be present in these aquifers in the vicinity of Peace South. There is no guarantee that this amount of Li will in fact be eventually proven to be present nor that the formation waters could be produced and the Li extracted economically.

To date, there has been no direct exploration for Li on the property. However, to the south Li exploration has consisted of a sampling program taking place in 2010, with the results confirming anomalies within the Woodbend and Beaverhill systems located on First Lithium's Fox Creek Property, just south of First Lithium's Valleyview Property. (Table 4). While sampling on First Lithium's Peace South, Valleyview and Fox Creek properties are in progress, and a sampling program was completed by Channel Resources in 2009, little else has been done in surrounding areas at his time.

A single formation water sample was collected from one of four producing gas pools in the Woodbend Formation in the vicinity of the Berland River. Formation water from Well 1/1A 06-19-059-20W5 yielded 93.2 ppm Li. Hitchon *et al.* (1995) report that a well from the same pool approximately 3.7 km northwest of the well sampled by First Lithium yielded 120 ppm Li. Also sampled were formation waters from two wells centered on the Beaverhill Lake Formation aquifer in the vicinity of Raspberry Lake. The highest concentration of Li obtained was 31.5 ppm Li. Hitchon *et al.* (1995), report that two wells in the Raspberry Lake area yielded 115 and 130 ppm Li from formation waters out of the Beaverhill Lake aquifer.

Table 2: Representitive chemical compositions from the Swan Hills and Leduc Formations. (Hitchon et al. 1995)

Formation	Leduc	Swan Hills	Leduc	Swan Hills
	3	4	5	8
Sample Number	RCAH82-475B	RCAH111-676A	D-44	RCAH110-676A
Li	130	130	120	115
Na	43200	54000	42400	39800
K	7500	5100	5000	4300
Mg	1610	2010	979	1630
Ca	18000	15900	27500	13600
Sr	725	630	615	
Ba	5.7	19	4.7	1.7
Cu		0.49	0.57	0.27
Zn		5.9		1.9
Pb	8.5	3.3	4	10
Ag		1.3	1.5	0.92
Fe		0.85	0.89	0.36

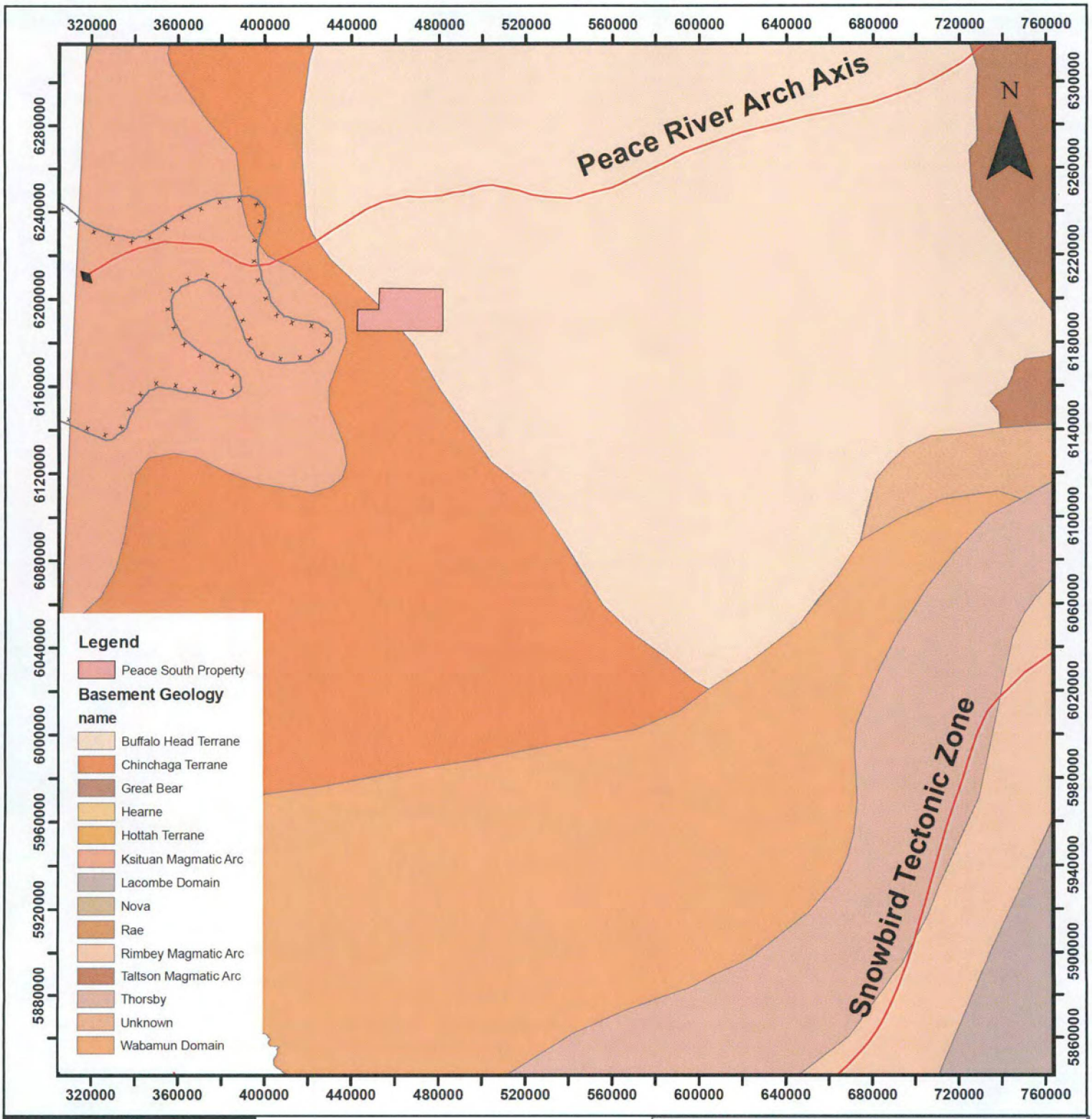
Mn	14	14	0.38	9
V		0.8	0.9	0.28
As				
B	2709	260	180	190
PO4	76	24	23	16
NH3	558	637	551	381
SiO2	54	43	88	19
F	6.7	6.2		4.7
Cl	117000	125100	123700	94160
Br	430	426	317	329
I	14	18	18	5
SO4	389	155	239	778
HCO3	365	232	1110	316
(all in mg/L or ppm)				
Salinity (mg/L)	191630	205945	203703	156567
pH	7.15	6.76	8.1	7.34
T (°C)	64	79	113	76

GEOLOGICAL SETTING

The Peace South property is located in west-central Alberta south of the Peace River High. The regional stratigraphy of the Swan Hills area is summarized in Table 3, and shown on Figure 5. The basement geology underlying the property is summarized on Figure 6.

Precambrian Geology

The Peace South property lies near the centre of the Western Canada Sedimentary Basin south of the Peace River Arch (PRA). The property staddles the Chinchaga basement Terrane and the Buffalo Head Terrane (Figure 6). The Chinchaga Terrane is part of the Buffalo Head craton which is thought to have accreted to the western edge of North America between 1.8 and 2.4 billion years (Ga) ago (Ross *et al.*, 1991, 1998). Chinchaga Terrane in the vicinity of 2.0 to 2.4 Ga.



FIRST LITHIUM RESOURCES Inc.

PEACE SOUTH PROPERTY
Basement Geology

0 10 20 40
Kilometers

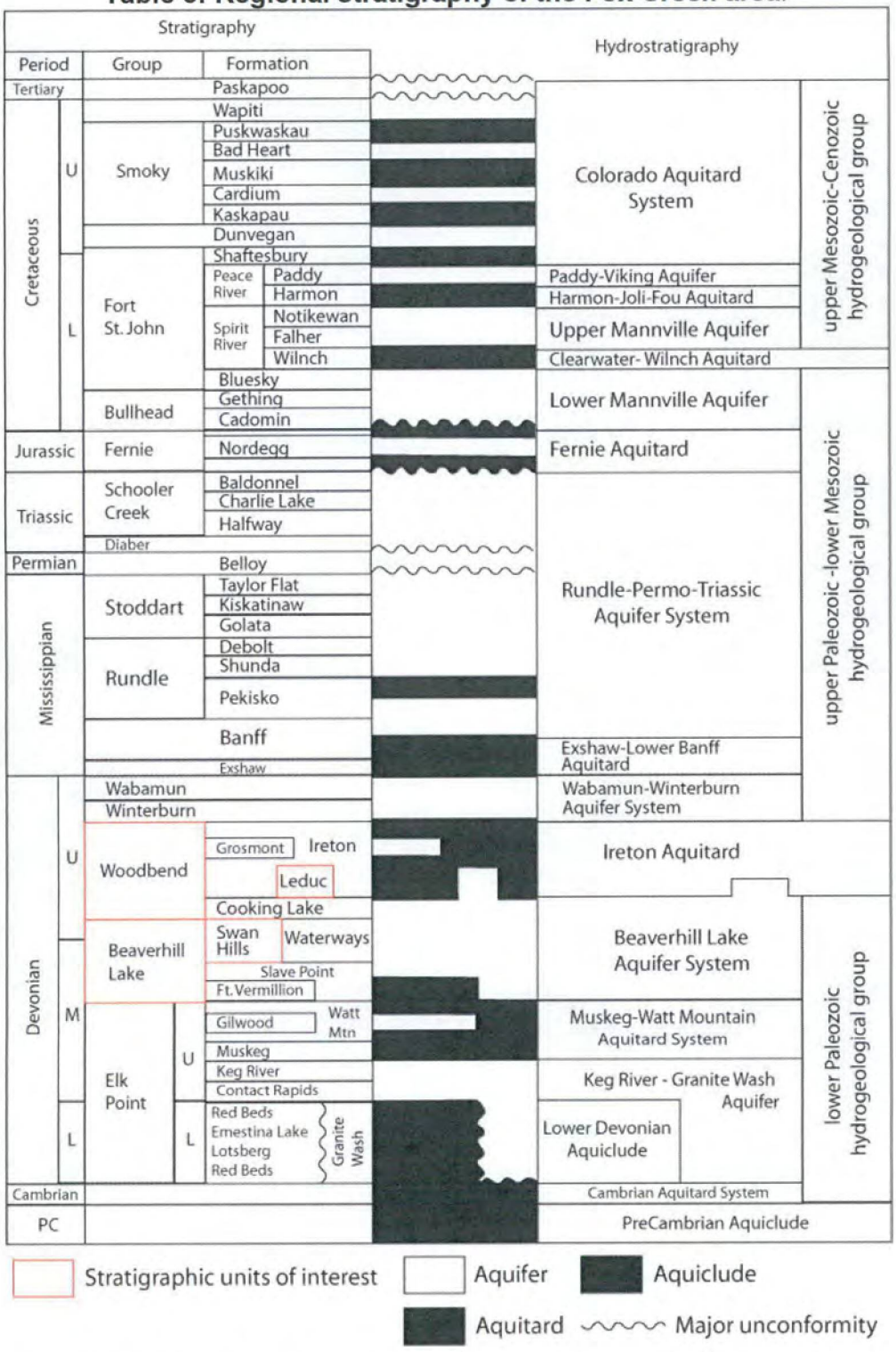
1:2,397,293

APEX GEOSCIENCE LTD.

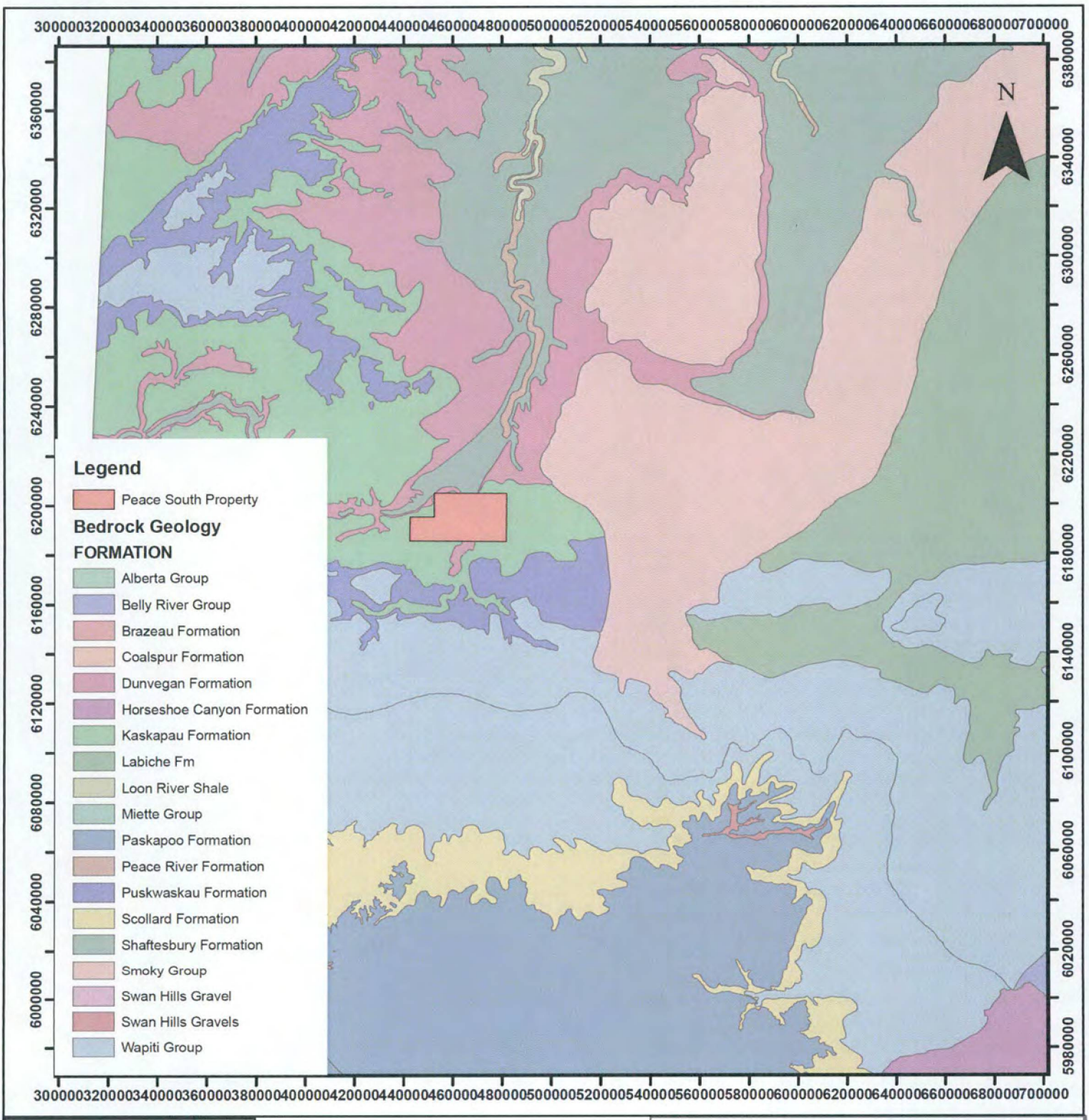
FIGURE 5

EDMONTON, ALBERTA FEBRUARY 2011

Table 3: Regional stratigraphy of the Fox Creek area.



(adapted from Hitchon et al., 1990)



FIRST LITHIUM RESOURCES Inc.

SOUTH PEACE PROPERTY
Bedrock Geology

0 5 10 20
Kilometers

1:2,106,996

APEX GEOSCIENCE LTD.

FIGURE 6

EDMONTON, ALBERTA FEBRUARY 2011

Phanerozoic Geology

Overlying the basement is a thick sequence of Phanerozoic rocks comprised mainly of Tertiary and Cretaceous sandstones and shales near the surface (Figure 4) and Mississippian to Devonian carbonates, sandstones and salts at depth (Glass, 1990; Mossop and Shetson, 1994). Information pertaining to the distribution and character of the Phanerozoic-aged units can be obtained from well log data in government databases and various geological and hydrogeological reports (Green *et al.*, 1970; Tokarsky, 1977; Glass, 1990; Mossop and Shetson, 1994).

At the base of the Beaverhill Lake Group (Table 3), the Elk Point Group is comprised of restricted marine carbonates and evaporites which gradationally overlie the Watt Mountain Formation (Mossop and Shetson, 1994). The Upper Elk Point, including the Ft. Vermillion, Muskeg and Watt Mountain formations are an aquitard layer (Hitchon *et al.*, 1990). Overlying the Elk Point Group rocks are the carbonates of the Slave Point Formation (Table 3). The Slave Point Formation was deposited on an open marine carbonate platform and forms the base for the reef complexes in the region including the Swan Hills Complex and the Peace River Arch Fringing Reef Complex (Figures 3 and 5). The Upper Devonian Swan Hills Reef Complex underlies the Peace South property (Figures 3 and 5). The Swan Hills Complex was deposited on the flank of the West Alberta Ridge. It is a sequence of shallowing upward reef cycles now composed of dolomite (Mossop and Shetson, 1994). The Swan Hills Complex is hydrogeologically part of the Beaverhill Lake Aquifer System. The Swan Hills complex contains the units of interest with elevated concentrations of Li (Hitchon *et al.*, 1995).

The Woodbend Group, of the upper Devonian, conformably overlies the Beaverhill Lake Group (Table 3). The Woodbend Group is dominated by basin siltstones, shales and carbonates of the Majeau Lake, Duvernay and Ireton Formations surrounding and capping the reef complexes of the Leduc Formation (Figures 3 and 5). The Leduc Formation is characterized by multiple cycles of reef growth including back-stepping reef rimmed complexes and isolated reefs (Mossop and Shetson 1994). In the area of the property it is composed of dolomite and is part of the Beaverhill Lake Aquifer System (Hitchon *et al.*, 1990). Hitchon *et al.* (1995) indicates that the Beaverhill Lake (Swan Hills) and the Woodbend (Leduc) aquifers in the region of First Lithium's Fox Creek Lithium Property may be indistinguishable and may in fact be connected. The Woodbend (Leduc) Formation is host to prolific reserves of oil and gas in Alberta. It is also the second stratigraphic unit of interest with elevated concentrations of Li (Hitchon *et al.*, 1995). The Duvernay Formation is composed of dark bituminous shale and limestone which contain and preserve a large accumulation of organic carbon thought to be the source for most of the conventional hydrocarbons in the upper Devonian in Alberta. The Ireton Formation caps the Leduc reefs and was formed by an extremely voluminous influx of shale into the region (Mossop and Shetson, 1994). The Ireton Formation is an aquitard that forms an impermeable cap rock over the Leduc reefs (Hitchon *et al.*, 1995).

The Woodbend Group is conformably overlain by the Winterburn and Wabamun Groups of upper Devonian age (Table 3). In the area of the property the Winterburn Group is composed of shales and argillaceous limestones. Further to the east the Winterburn Group is host to the Nisku Reefs, an important gas and oil reservoir. In the area of the property the Wabamun Group is composed of buff to brown massive limestone interbedded with finely crystalline dolomite at the base. These two Groups comprise the Wabamun-Winterburn Aquifer system from which a few anomalous Li analyses have been obtained (Hitchon *et al.*, 1995). The Wabamun Group is unconformably overlain by the Lower Carboniferous Exshaw shale, an aquitard.

The Exshaw shale is overlain by the Banff Group. The Banff Group is composed of a medium to light olive grey limestone with subordinate fine-grained siliciclastics, marlstones and dolostones overlying a basal shale, siltstone and sandstone unit (Mossop and Shetson, 1994). The Rundle Group conformably overlies the Banff Group. The Rundle Group is composed of cyclic dolostone and limestone with subordinate shale. The Group has variable porosity from poor to excellent and grades into dense argillaceous carbonates, shale, siltstone and anhydrite.

The Permian strata in the area of the property are very thin. The Permian Belloy Group unconformably overlies the Rundle Group and is unconformably overlain by the Triassic Montney Formation. It is composed of shelf sands and carbonates (Mossop and Shetson, 1994).

The overlying Mesozoic strata (mainly Cretaceous) are composed of alternating units of marine and nonmarine sandstones, shales, siltstones, mudstones and bentonites. The Triassic is characterized by fine argillaceous siltstone and sandstones. The overlying Jurassic Fernie Group is composed of limestones of the Nordegg Formation at the base overlain by interbedded sandstone, siltstone and shale (Mossop and Shetson, 1994).

The Lower Cretaceous strata are represented by the Bullhead, Fort St. John and Shaftesbury Groups which comprise the second major clastic wedge of the Foreland basin (Table 3 and Figure 5). The Bullhead Group (Lower Mannville equivalent) is composed mainly of fine grained sandstone with well developed interbeds of silty shale. The Fort St. John Group (Upper Mannville equivalent) is comprised of the Spirit River and Peace River Formations. The Fort St. John Group is composed mainly of shale interbedded with silty sandstones with local coal seams (Mossop and Shetson, 1994). The Mannville strata contain extensive oil and gas fields (with gas fields in the area of the property).

The Shaftesbury Formation is lower Upper Cretaceous in age and is comprised of marine shales with fish-scale bearing silts, thin bentonitic streaks and ironstones. The upper contact is conformable and transitional with the Dunvegan Formation, where the Dunvegan Formation is present. Evidence of extensive volcanism during deposition of the Shaftesbury Formation exists in the form of numerous bentonitic horizons

throughout the formation, especially within and near the Fish Scales Horizon (Leckie *et al.*, 1992; Bloch *et al.*, 1993).

The Upper Cretaceous is represented by the Dunvegan and Smoky Groups. The Dunvegan Formation is characterized by deltaic to marine, feldspathic sandstones, silty shales and laminated carbonaceous siltstones. The overlying Smoky Group is comprised of thinly bedded, marine, silty shale with occasional ironstone and claystone nodules and thin bentonite streaks. Exposures of the Smoky Group may be present in rivers and stream cuts (Figure 5).

The youngest bedrock units underlying the Peace South mineral permits are the Cretaceous Kaskapau, Dunvegan and Shaftsbury Formations (Figure 5). The Dunvegan Formation attains thicknesses of about 350 m, and consists of interbedded mudstone, sandstone, and conglomerate. This includes undeformed and relatively flat-lying strata, which lie in the subsurface south of the Peace River, and which are exposed along the Peace River valley and farther north. The Dunvegan Formation is overlain by shales of the Kaskapau Formation and underlain by shales of the Shaftesbury Formation, although the relations are better described as interfingering, since both the upper and lower boundaries are highly diachronous. Stott (1984) interpreted the Dunvegan as having been derived from the actively rising Cordillera to the northwest during the waning phases of the Early to mid-Cretaceous Columbian Orogeny.

Late Tertiary – Quaternary Geology

During the Pleistocene, multiple southerly glacial advances of the Laurentide Ice Sheet across the region resulted in the deposition of ground moraine and associated sediments in north-central Alberta (Dufresne *et al.*, 1996). The majority of the South Peace Property is covered by drift of variable thickness, ranging from a discontinuous veneer to just over 15 m (Pawlowicz and Fenton, 1995a, b). Bedrock may be exposed locally, in areas of higher topographic relief or in river and stream cuts. The advance of glacial ice may have resulted in the erosion of the underlying substrate and modification of bedrock topography. Limited general information regarding bedrock topography and drift thickness in north-central Alberta is available from the logs of holes drilled for petroleum, coal or groundwater exploration and from regional government compilations (Mossop and Shetson, 1994; Pawlowicz and Fenton, 1995a, b). Glacial ice is believed to have receded from the area between 15,000 and 10,000 years ago.

Structural Geology

In northern Alberta, the Peace River Arch (PRA) is a region where the younger Phanerozoic and Cenozoic rocks, which overlie the Precambrian basement, have undergone periodic vertical and, possibly, compressive deformation from the Proterozoic into Tertiary time (Cant, 1988; O'Connell *et al.*, 1990; Dufresne *et al.*, 1995,

1996). This pattern of long-lived, periodic uplift and subsidence has imposed a structural control on the deposition patterns of the Phanerozoic, and to a lesser extent the Cenozoic, strata in northern and north central Alberta. In addition, this periodic movement has resulted in a rectilinear pattern of faults that is responsible for the structurally controlled reefs along with oil and gas pools found throughout this area.

During the Devonian, the Peace River Arch was emergent and was a positive paleo-topographic relief feature oriented east-northeast from the British Columbia provincial border to at least as far east as Red Earth Creek. Towards the end of the Devonian and into the Mississippian the Peace River Arch collapsed and became the Peace River embayment. The embayment filled in during the Mississippian with a thick sequence of siliciclastic rocks along with dolostones and limestones.

During the mid-Cretaceous to Early Tertiary, compressive deformation occurred as a result of the orogenic event that eventually led to the formation of the Rocky Mountains. The Peace River Arch is thought to have been periodically weakly emergent during this period resulting in the reactivation of many prominent basement faults that also affected the overlying Phanerozoic succession. The Phanerozoic rocks beneath the South Peace property lie south of the south edge of the Peace River Arch (Figures 5 and 6). It is a fairly well documented fact that a number of Alberta's prominent Devonian Reef Complexes are underlain by and proximal to basement faults and that these reef complexes enjoyed growth over long periods of time at fault interfaces along the shallow water side or uplifted block edge of these faults during slow subsidence of the down side of the fault (Bloy and Hadley, 1989; Dufresne *et al.*, 1996).

DEPOSIT TYPES

Lithium is a relatively rare element, it is found in a number of rock types and near surface "continental" brines but almost always in very low concentrations. Lithium can become concentrated in flowing and cooling magma (and/or the associated fluids), which often results in high concentrations of Li in pegmatite related mica, and in evaporating continental brines because it has a higher solubility than most other cations in the brine (Garrett, 2004). Currently, the major commercial sources of Li are continental brines and their evaporitic products, and Li-rich mica in pegmatites. Additional sources of Li have been identified including hectorite (a Li-bearing clay) and deeper formation waters in the form of geothermal brines and oilfield brines. Apart from continental brines found near the surface, formation waters have not been used as a commercial source of Li, mainly because of low reported concentrations of Li in the much deeper formation water brines. However, the actual amount of reported Li analyses for formation waters across the world is sparse at best. The Li values reported by Hitchon *et al.*, (1995) for deep formation water brines in the Swan Hills region of the Alberta basin are comparable to those reported for the near surface brines that are currently being produced for Li at Clayton Valley, Nevada. Deposit types pertinent to the South Peace property are discussed below.

Continental Brines

Continental brines with high Li content are mainly found in the porous strata below the surface of playas (dry lakes), particularly in the volcanically active, high plateaus of the central Andes or China. Currently, Chile (Salar de Atacama) is the largest producer of Li from near surface continental brines, but significant production also comes from Argentina (Salar de Hombre Muerto) and the United States (Clayton Valley, Nevada).

Lithium-bearing playa deposits have several characteristics in common: they occur within volcanic belts, in closed structural depressions and within desert belts (Kunasz, 1980). The source of Li in high Li continental brines is thought to be principally derived from geothermal waters with a minor contribution from surface leaching of volcanic ash, clays or other recent rocks. Studies have shown that at low temperatures, Li is very difficult to leach from rocks and minerals so little is dissolved at near surface conditions (Garrett, 2004). However, Li concentrations of 6 to 50 ppm have been measured from some geothermal springs indicating that at higher temperatures (i.e. >300°C) leaching conditions allow a greater amount of Li to be dissolved. The source of Li for geothermal waters is believed to be volcanic rocks (Kunasz, 1980). However, concentrations of Li of 6 to 50 ppm are still considered quite low and further concentration of the Li content of geothermal waters is achieved by near surface evaporation. When geothermal waters collect in a closed, reasonably impervious basin in an arid climate with low fresh water recharge and good solar ponding conditions, over time, the Li concentration can be significantly increased due to its greater solubility than many of the other component elements in a near-surface brine (Garrett, 2004).

As discussed in the history section above, the formation waters at a depth of 3,300 to 4,000 m below surface of First Lithium's South Peace Property yield similar Li concentrations to those found in the currently producing Clayton Valley Li brine deposit. The Clayton Valley deposit is hosted in a relatively small playa with an area of 64 km^2 (Zampirro, 2005). The porous strata below the surface are primarily Quaternary alluvial gravel, sand, silt, and clay with some gypsum, calcite and halite (Kunasz, 1980). Lithium is being produced from shallow wells into the Quaternary sediments and a volcanic ash hosted aquifer. The sediments are tilted and several fault lines are present which act as a trap for the more concentrated Li brine (Zampirro, 2005). They host a concentrated NaCl brine with subordinate concentrations of K and sulfate (SO_4) along with very low concentrations of magnesium and other ions (Kunasz, 1980). At initial production in 1966, the Clayton Valley brine had an average Li content of 400 ppm but has been declining since, with current concentrations estimated at 100-300 ppm Li (average 160 ppm; Kunasz, 2006). Production of Li at Clayton Valley is from 50 wells pumping brine at 30-325 gallons per minute from depths of 70 to 487 m (230 to1,600 ft) spanning 6 aquifers (Zampirro, 2005). The original estimates for the total Li reserves at Clayton Valley ranged from 115,000 tonnes Li (Kunasz, 1994) to 382,000 tonnes Li (Garrett, 2004 and references therein).

The origin of the Li in the brines at Clayton Valley is thought to be volcanic and/or related to geothermal activity. It is thought that the brines have then been upgraded due to historic solar evaporative processes. It is not clear what is the original source for the Li in the formation brines underlying the South Peace Property. Perhaps the most obvious source is Li derived from the Prairie Evaporite, a significant and thick basin wide evaporite sequence within the Elk Point Group immediately beneath the Woodbend formation aquifer. The high concentrations of Li would represent a Devonian analogue of the much more recent Li enriched Salars and Playas in South America. An alternative source is from hot and highly corrosive brines associated with dissolution of the Prairie Evaporite salts that come into contact with and can dissolve pegmatitic to granitoid basement rocks at the contact between Elk Point rocks and Precambrian basement. Formation water brines with 300,000 to 350,000 ppm (mg/l) total dissolved salts (more than 6 times the salinity of seawater) are well documented in the Alberta Basin. These highly corrosive brines could dissolve significant amounts of rock putting significant amounts of Li into solution. All that would be needed to get the Li enriched brines into the Beaverhill Lake or Woodbend Formation aquifers is structure.

Geothermal Brines

Geothermal brines form in areas of geothermal activity usually associated with either prominent or latent active volcanism. A well known occurrence is the Salton Sea Brine, a 60 km_2 underground lake of hot (100-400°C) NaCl and $CaCl_2$ enriched brine, located in southern California (Garrett, 2004; Tahil, 2007). The brine is found in porous sediments at depths ranging from 500 to 3,000 m. The Salton Sea brines contain a very large array of metals and other uncommon ions including Li with an average lithium content of 200 ppm (similar to the Clayton Valley deposit; Vine, 1980). The brine is thought to be sourced from the meteoric water flowing through fault lines deep into the earth where it is heated by hot rocks or magma. The composition of the brine suggests that the descending water dissolved high magnesium potash salts and then underwent a dolomitization reaction converting most of its calcium content to magnesium. Subsequently when the brine was heated it became highly corrosive and dissolved the wide array of metal ions that it now contains (Garrett, 2004). The brine lake lies on the very active San Andreas Fault and the descending Pacific plate indicating that the heat source might be at considerable depth. Lithium values of up to 400 ppm have been measured in pilot solar ponds used for potash recovery but no Li has been recovered (Vine, 1980). The potential recovery of Li has also been studied from the geothermal brines from Reykjanes Geothermal field (Iceland), Wairakei (New Zealand), Cesano (Italy), Cronembourg (France) and Japan (Garrett, 2004).

Oilfield Brines

Formation waters associated with some of the world's oil fields are known to contain medium to highly anomalous concentrations of Li and are considered potential sources for large tonnages of Li. For example, the Smackover brines in the southern United States (Arkansas and Texas) are high NaCl and $CaCl_2$ brines with

concentrations of Li ranging from 50 to 572 ppm (Garrett, 2004). The Smackover brines are located in an extensive petroleum reservoir, on top of the brines floats crude oil and natural gas. Oil production from the field commenced in the 1920's (Tahil, 2007). The high Ca and Br content of these brines suggest they are concentrated seawater dolomitization brines with the high concentrations of Li (along with B and other trace ions) supplied by geothermal sources. The Smackover brines are found at depths ranging from 1,800 to 4,800 m and have a formation thickness of 213 m. The brine is hosted in an oolitic limestone with an average porosity of about 5% (Garrett, 2004). Currently only Br is recovered from the Arkansas brines however studies have been conducted on the potential recovery of Li (Garrett, 2004; Tahil, 2007).

MINERALIZATION

Mineralization on the property consists of Li-enriched Na-Ca brines hosted in aquifers within Devonian carbonate reef complexes with demonstrated good porosity and permeability. Hitchon *et al.*, (1995) identified the potential Li bearing formation water brines in the Woodbend formation aquifer associated with reef complexes in the Swan Hills Area. The southern Woodbend (Leduc) formation aquifer has a potentially productive area of about 3,400 km_2 with about 5% of the surface aquifer area underlying the South Peace Property at a depth of approximately and 3,100 m below surface. The geochemical analyses of the Woodbend (Leduc) formation aquifers indicates that significant concentrations of Na, Ca, K along with B, Br and I are present in the aquifers. All of these elements should be looked at in conjunction with Li for possible commercial production.

The potentially productive zone in the southern Woodbend (Leduc) aquifer has an average thickness of 25 m, an average porosity of 6% and an average permeability of $2*10^{-14}m^2$ (Hitchon *et al.*, 1995).

Petroleum products are being produced from at least 54 wells within the boundaries of the South Peace Lithium Property, along with 3 active disposal or injection wells. The Swan Hills region represents a mature petroleum field and today, most, if not all of the wells produce far more water than petroleum products. Many of the wells in this area in their early history started out at hundreds to thousands of barrels per day of petroleum products and required little active pumping to extract.

Today almost all of the wells produce far more formation water than they do petroleum products. Many of the batteries in the region, which take production from 5 to 10 wells, produce on average less than 200 barrels per day of petroleum products with pumping and produce anywhere from 5,000 to 50,000 gallons per hour of formation waters (about 2,500 to 25,000 barrels per day) from Devonian formation aquifers, in most cases the Beaverhill Lake or Woodbend (Leduc) aquifers underlying the petroleum reservoir (Lee Long, *pers comm.*, 2009). The wells essentially produce formation waters with minor amounts of petroleum products. The hot 80°C formation waters are generally

treated in anode-cathode systems and then re-injected back into the reservoir in order to keep the pressures up within the reservoir.

2009-2010 LITHIUM EXPLORATION

Exploration during 2009 consisted of a detailed office based well compilation. APEX personnel compiled all available data for Li and other brine related elements that are contained within formation water brines underlying First Lithium's Peace South and other properties. Based upon a search of the Energy and Resources Conservation Board (ERCB) database using geoSCOUTTM, First Lithium's Peace South properties (Peace South Block) have 514 separate well locations, with 271 well locations that have penetrated Devonian rocks. Of the 271 separate well locations, a total of 54 wells are considered "Active Producing" and are producing oil or gas along with an additional 3 active disposal or injection wells, 23 suspended wells and 191 abandoned wells (Appendix 2). The location of the wells, their current status and the important Devonian oil and gas pools and geological elements are shown in Figure 3. A search using the water geochemistry module of geoSCOUTTM, indicates that there are wells on the property that have associated "water" or "filtrate" geochemical analyses, however none of the geochemical analyses in the geoSCOUTTM water geochemical database indicate that Li was analyzed.

In 2010, First Lithium sampled the formation waters from aquifers in 7 wells that are distributed across 40 km from 3 different producing oil and/or gas pools. Of interest to the Peace South Property is the single formation water sample was collected by First Lithium personnel from one of four producing gas pools in the Woodbend Formation in the vicinity of the Berland River (Appendix 3, Table 4 and Figure 7). Hitchon *et al.* (1995) and Eccles and Jean (2010) report that a well from the same pool approximately 3.7 km northwest of the well sampled by First Lithium yielded 120 ppm Li. Formation water collected by First Lithium from well 1/1A 06-19-059-20W5 yielded 93.2 ppm Li (Figure 7), indicating that the Berland River gas pools are prospective for high concentrations of Li and other industrial minerals. High concentrations of Br, B and K were also present in the First Lithium sample (Appendix 3, Table 4 and Figure 7). The presence of significant concentrations of other elements in the brine also validates the project's potential to support a multi-product brine processing operation. Further sampling may validate the concept of establishing the Peace South project as a potential producer of a number of high-value products, including lithium chloride, lithium carbonate, potash and borates.

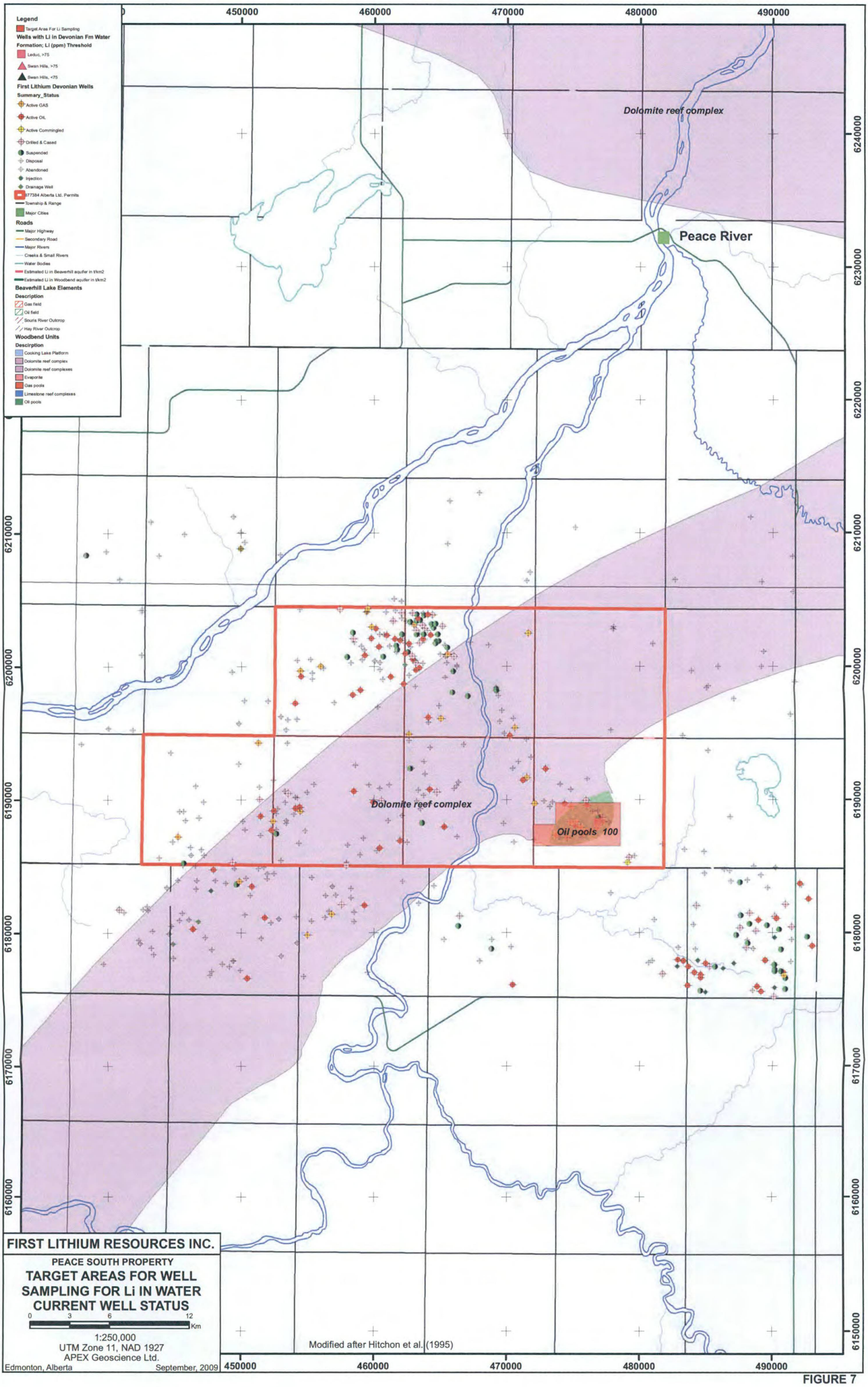

Legend
Target Area For Li Sampling
Wells with Li in Devonian Fm Water
Formation; Li (ppm) Threshold
Leduc, >75
Swan Hills, >75
Swan Hills, <75
First Lithium Devonian Wells
Summary_Status
Active GAS
Active OIL
Active Commingled
Drilled & Cased
Suspended
Disposal
Abandoned
Injection
Drainage Well
877384 Alberta Ltd. Permits
Township & Range
Major Cities
Roads
Major Highway
Secondary Road
Major Rivers
Creeks & Small Rivers
Water Bodies
Estimated Li in Beaverhill aquifer in t/km2
Estimated Li in Woodbend aquifer in t/km2
Beaverhill Lake Elements
Description
Gas field
Oil field
Souris River Outcrop
Hay River Outcrop
Woodbend Units
Description
Cooking Lake Platform
Dolomite reef complex
Dolomite reef complexes
Evaporite
Gas pools
Limestone reef complexes
Oil pools
450000
460000
470000
480000
490000
6240000
6230000
6220000
6210000
6200000
6190000
6180000
6170000
6160000
6150000
Dolomite reef complex
Peace River
Dolomite reef complex
Oil pools 100
FIRST LITHIUM RESOURCES INC.
PEACE SOUTH PROPERTY
TARGET AREAS FOR WELL SAMPLING FOR Li IN WATER
CURRENT WELL STATUS
0 3 6 12
Km
1:250,000
UTM Zone 11, NAD 1927
APEX Geoscience Ltd.
Edmonton, Alberta
September, 2009
Modified after Hitchon et al. (1995)

FIGURE 7

Table 4: First Lithium geochemical sample results for 2010 samples.

WATER ANALYSIS		14-24-060-19W5	05-25-060-19W5	10-35-060-19W5	09-34-060-19W5	11-12-062-18W5	13-13-062-18W5	1/1A 06-19-059-20
Parameter	**Unit**	**1811246**	**1811269**	**1811271**	**1811272**	**1811274**	**1811275**	**1755988**
pH		6.1	6.3	6	5.8	6.1	6	N/A
Bromide	mg/L	*	*	*	*	*	*	962
Total Boron	mg/L	124	122	13.8	96.2	82.7	81.2	200
Total Lithium	mg/L	73.5	73.4	8.98	58.3	31.5	30.5	93.2
Total Magnesium	mg/L	2200	2200	255	1820	870	701	2450
Total Calcium	mg/L	24300	25200	2610	19800	7460	6200	24400 ^
Total Potassium	mg/L	4880	4980	587	4050	2630	2750	5870 ^
Total Sodium	mg/L	56800	58800	12100	46800	23300	22800	59100 ^
Comments:	*Note: Not able to perform analysis due to the matrix interference.							
	^Note: Total Dissolved values							

SAMPLING METHOD AND APPROACH

No sampling has been conducted to date at the South Peace property by First Lithium Resources or APEX personnel.

SAMPLE PREPARATION, ANALYSIS AND SECURITY

No sampling has been conducted to date at the South Peace property by First Lithium Resources or APEX personnel.

DATA VERIFICATION

No sampling has been conducted to date at the South Peace property by First Lithium Resources or APEX personnel. APEX and personnel from the AGS have been unable to locate the original formation water geochemical database prepared and reported upon by Hichon *et al.* (1995).

ADJACENT PROPERTIES

First Lithium's South Peace Property lies about 88 km to the north-northeast of the Valleyview Property. In addition, there are permits that form part of the Fox Creek

and South Peace Project which encompasses hundreds of operating oil and gas wells surrounding and covering the property. Oil and/or gas coexists within the same aquifers as lithium and potassium bearing brines which are also recovered during oil and gas recovery.

OTHER RELEVANT DATA AND INFORMATION

There are no Li producing brine operations in Canada. Production of Li from brines in North America is currently solely from the Clayton Valley playa in Nevada. Lithium has many properties which make it useful in commercial applications. It is electrochemically reactive, has a low thermal expansion coefficient, high specific heat and flat viscosity/temperature ratios. The main uses of Li compounds are in the production of glass, ceramics, lubricants, primary aluminum, pharmaceuticals and batteries (Ebensperger *et al.,* 2005). Growth in Li battery use has resulted in batteries becoming the leading end-use for Li as of 2007 (Jaskula, 2008). Additionally, Li-ion batteries are rapidly becoming the favored technology for powering Hybrid and Electric Vehicles - EVs (Tahil, 2007). Li-Ion batteries require a very pure form of Li carbonate that can only be produced cost effectively from brine deposits (Tahil, 2007).

Over the past two decades cheaper prices and abundant supply has led to a shift away from rock based ore minerals to brines as the major source of Li. Currently production from brine deposits supplies 60-80% of the world's Li market. Production of Li from brines requires much less energy and is much more environmentally friendly than Li production from ores (Warren, 2006). The supply of cheap Li from brine operations led to a drop in the real price of Li by up to 50% from the mid-1990's to early 2000's. However, a steady increase in the price of Li has occurred since 2003 (Table 5) with a steep increase reported for 2007 due to increased global demand (especially for Li batteries) (Moores, 2007; Jaskula, 2008). Currently, estimated Li resources meet or exceed expected demand (Contesse and Ponce, 2008; Warren, 2006). However, it is likely that Li needs will expand over current projections with the increasing use of Li-ion batteries and especially with the advent of Li-Ion battery powered EVs, thus reducing the current oversupply (Warren, 2006; Tahil, 2007).

ESTIMATED EXPEDITURES

During 2009 and 2010, exploration conducted on the Peace South Property included geological research and data compiliation. Exploration expenditures totalled CDN$4,400 including the allowed 10% overhead but not including GST. A summary of exploration costs and a detailed expense report is provided in Appendix 4.

INTERPRETATION AND CONCLUSIONS

In 2009 First Lithium Resources (First Lithium) engaged APEX Geoscience Ltd. (APEX) to perform a review and compilation of formation water and petroleum well data for First Lithium's Peace South Lithium Property. The Peace South Property is located in west-central Alberta, approximately 29km south of Peace River as the crow flies, and about 60km along the highway. The Peace South Property is comprised of 7 Industrial and Metallic Mineral Permits which together form a single contiguous package of land that totals approximately 63,100 hectares (Ha). In December 2008, First Lithium earned 100% interest.

First Lithium's Peace South mineral permits cover a large portion of gas fields hosted in the Devonian Woodbend (Leduc) carbonate reef complexes. Spatially associated with the gas pools are aquifers that consist of Li-enriched Na-Ca chloride brines. Based on the Li concentration and rock property data (porosity and permeability) there are three areas (aquifers) with potential for formation water production and Li extraction. Of interest to First Lithium's Peace South property is the northern Woodbend (Leduc) reef which underlies the property.

Based upon the information provided by Hitchon et al. (1995) in AGS Bulletin 62, the Peace South Block, comprised of 7 mineral claims, is centered over a Woodbend Formation dolomite reef complex (Figures 3). The southeastern most permit is centered over a Woodbend Formation Oil Pool that has 15 active oil and gas wells. Hitchon et al. (1995) indicate the presence of at least one historic well that has yielded 100 ppm Li from associated formation waters (figure 3). The size of the pool indicates that this may be a somewhat lower priority target for Li in formation waters but should still be considered for some sampling.

Based upon the APEX data review, the encouraging sampling results from First Lithium and Channel Resources, and the similarities to the producing Clayton Valley brines, aquifers within the Devonian Woodbend (Leduc) carbonate reef complexes underlying the South Peace Property held by First Lithium warrant further exploration for Li as well as other associated elements including Na, Ca, K, Mg, Br and I. The concentrations of Li in conjunction with numerous producing gas wells and other infrastructure on the Property that are already producing significant amounts of formation waters from the targeted horizons indicate that significant potential exists for the South Peace Property to yield brines with Li. Further work is required to confirm the continuity and producibility of the Li-bearing brines and, if the continuity and producibility can be confirmed, a process methodology that could work in conjunction with current gas field batteries that are currently producing the waters, treating them and re-injecting those waters back into the reservoirs or other formations.

In addition, with the expectation that the northern Woodbend block will yield results similar to 2009 sampling program, completed on behalf of Channel Resources, which confirm that the Beaverhill Lake aquifer contains highly anomalous lithium concentrations as determined in 1995 by the Geological Survey of Alberta (see Company's Technical Report filed on May 11, 2009), the validity of the South Peace property will be established. The presence of significant concentrations of other minerals in the brine also validates the project's potential to support a multi-product brine processing operation. (PR OCT 7, 2009) This sampling program has validated the concept of establishing the South Peace project as a potential producer of a number of high-value products, including lithium chloride, lithium carbonate, potash and borates (Table 4).

RECOMMENDATIONS

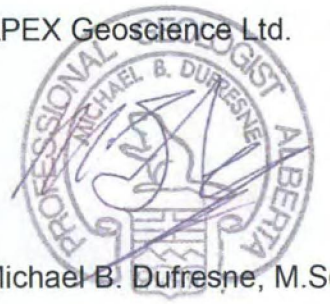
Stage 1 exploration should continue with a) further compilation and research for existing water chemical analyses, with the office work consisting of recreating Dr. Hitchon's formation water database, further investigations at the ERCB in Calgary, an investigation of the water producibility of each active well and even some of the suspended or abandoned but old producing wells. Concurrently with the compilation, land use permitting should be initiated along with First Nations consultation in order to collect samples followed by possible drill testing. Stage 1 b) conducting a field based initial water chemistry sampling program consisting of a well sampling program to better determine the Li and other element potential of the Peace South Property formation brines.

APEX recommends sampling about 10 wells within the Peace South Block, especially the southeastern most permit which sits over a Woodbend Formation oil pool (Figure 4). We will for the most part, have to employ an LGR Unit to conduct the sampling which will cost about $2,500 per day and include the sophisticated LGR Unit (truck mounted) and two guys to operate it and conduct the sampling. The end result would be a number of formation water analyses. If a reasonable grade of Li of about 80 to 150 ppm confirmed and is reasonably consistent from one well to the next, the data might permit a preliminary resource calculation.

Once the field and analytical data are in hand, geochemical groundwater modeling should be carried out followed by process engineering design and bench scale testing. In order to get to a proper 43-101 compliant resource a hydrogeological consultant will be required help evaluate the porosity, permeability, total content of formation water and recharge capacity of the reservoir.

The total all up estimated cost including a 43-101 report at the end of the program is $100,000 including GST. The estimated time frame to conduct the sampling is about 3 months.

APEX Geoscience Ltd.



Michael B. Dufresne, M.Sc., P.Geol.

Edmonton, Alberta Canada
February 28, 2011

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CERTIFICATE OF AUTHOR

I, Michael B. Dufresne, M.Sc., P.Geol., do hereby certify that:

1. I am President of: APEX Geoscience Ltd.
   Suite 200, 9797 – 45th Avenue
   Edmonton, Alberta T6E 5V8
   Phone: 780-439-5380

2. I graduated with a B.Sc. Degree in Geology from the University of North Carolina at Wilmington in 1983 and with a M.Sc. Degree in Economic Geology from the University of Alberta in 1987.

3. I am and have been registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1989.

4. I have worked as a geologist for more than 25 years since my graduation from university.

5. I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101.

6. I am responsible for, or directly supervised, the preparation of all sections of the Technical Report titled **"Technical Report on the Lithium Potential of the Valleyview Property, Valleyview Area, West-Central Alberta"**, and dated April 30th, 2009 (the "Technical Report").

7. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

8. I am independent of the issuer applying all of the tests in section 1.4 of National Instrument 43-101.

9. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

10. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this April 30th, 2009
Edmonton, Alberta, Canada

Michael B. Dufresne, M.Sc., P.Geol.

Appendix 1

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:19:17 AM

Agreement Number: 093 9308120653

Status: ACTIVE
Agreement Area: 9216.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-22-079: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:19:41 AM

Agreement Number: 093 9308120654

Status: ACTIVE
Agreement Area: 9216.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-23-079: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:20:03 AM

Agreement Number: 093 9308120655

Status: ACTIVE
Agreement Area: 9216.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-24-079: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:20:25 AM

Agreement Number: 093 9308120656

Status: ACTIVE
Agreement Area: 9216.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-25-079: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:20:47 AM

Agreement Number: 093 9308120657

Status: ACTIVE
Agreement Area: 9216.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-22-080: 01-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:21:10 AM

Agreement Number: 093 9308120667

Status: ACTIVE
Agreement Area: 7808.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-23-080: 01-9;10SE,SW;11-14;16L2,L7,L10,L15,SWNW;17-20;21SW,NW;22SE,NE;23-26;27SE,NE;29-32;34L3,L6, L11,L14,SENE;35-36

METALLIC AND INDUSTRIAL MINERALS

Alberta

MINERAL AGREEMENT DETAIL REPORT

Report Date: March 3, 2011 12:21:45 AM

Agreement Number: 093 9308120668

Status: ACTIVE
Agreement Area: 9216.0000

Term Date: 2008.12.02
Continuation Date:

DESIGNATED REPRESENTATIVE

Client Id: 1002554
Client Name: FIRST LITHIUM RESOURCES INC.
Address: 788 RICHARDS ST SUITE 3102
VANCOUVER, BC
CANADA V6B 0C7

LAND / ZONE DESCRIPTION

5-24-080: 01-36

METALLIC AND INDUSTRIAL MINERALS

Appendix 2

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Well_ID_Long	Well_ID_Short	Section	Twp-Range	On 1st Lithium Property	Well_Name	TVD_m
Wells Pentrating Devonian on Peace South Lands - High Priority to Sample							
100/09-07-079-22W5/00		09-07-079-22W5	07-079-22W5	079-22W5	Yes	ANDERSON NORMANDVILLE 9-7-79-22	2086
100/06-08-079-22W5/02	100/06-08-079-22W5/02	06-08-079-22W5	08-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 6-8-79-22	2073
100/16-08-079-22W5/00		16-08-079-22W5	08-079-22W5	079-22W5	Yes	ANDERSON NORCEN NVILLE 16-8-79-22	2089.9
100/11-09-079-22W5/03	100/11-09-079-22W5/03	11-09-079-22W5	09-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 11-9MU-79-22	2093.4
100/13-09-079-22W5/03	100/13-09-079-22W5/03	13-09-079-22W5	09-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 13-9MU-79-22	2097
100/16-09-079-22W5/00		16-09-079-22W5	09-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 16-9-79-22	2324.7
100/16-09-079-22W5/02	100/16-09-079-22W5/02	16-09-079-22W5	09-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 16-9-79-22	2324.7
100/04-15-079-22W5/00		04-15-079-22W5	15-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 4-15-79-22	2043.7
100/05-15-079-22W5/02	100/05-15-079-22W5/02	05-15-079-22W5	15-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 5-15-79-22	
100/01-16-079-22W5/03	100/01-16-079-22W5/03	01-16-079-22W5	16-079-22W5	079-22W5	Yes	NORCEN ET AL NORMANDVILLE 1-16-79-22	2262.8
100/14-16-079-22W5/00		14-16-079-22W5	16-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 14-16-79-22	
100/01-17-079-22W5/03	100/01-17-079-22W5/03	01-17-079-22W5	17-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 1-17-79-22	2068.4
100/02-17-079-22W5/00		02-17-079-22W5	17-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 2-17-79-22	
100/14-17-079-22W5/00		14-17-079-22W5	17-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 14-17-79-22	
100/15-17-079-22W5/00		15-17-079-22W5	17-079-22W5	079-22W5	Yes	ANDERSON NVILLE 15-17DB-79-22	2084.2
100/03-21-079-22W5/00		03-21-079-22W5	21-079-22W5	079-22W5	Yes	KETCH NORMANDVILLE 3-21-79-22	
100/03-21-079-22W5/04	100/03-21-079-22W5/04	03-21-079-22W5	21-079-22W5	079-22W5	Yes	KETCH NORMANDVILLE 3-21-79-22	
100/03-21-079-22W5/02	100/03-21-079-22W5/02	03-21-079-22W5	21-079-22W5	079-22W5	Yes	KETCH NORMANDVILLE 3-21-79-22	
Wells Pentrating Devonian on Peace South Lands - Low Priority to Sample							
100/06-02-079-22W5/00		06-02-079-22W5	02-079-22W5	079-22W5	Yes	ANDERSON ET AL GIROUXVILLE 6-2-79-22	2125
100/16-08-079-23W5/00		16-08-079-23W5	08-079-23W5	079-23W5	Yes	INTERACTION CULP 16-8-79-23	2371
102/03-03-079-24W5/00		03-03-079-24W5	03-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 3-3WB-79-24	1944.5
100/01-12-079-24W5/00		01-12-079-24W5	12-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 1-12-79-24	
100/15-14-079-24W5/00		15-14-079-24W5	14-079-24W5	079-24W5	Yes	EXALTA CULP 15-14-79-24	1890
100/12-17-079-24W5/00		12-17-079-24W5	17-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 12-17-79-24	
100/09-18-079-24W5/00		09-18-079-24W5	18-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 9-18-79-24	
100/07-19-079-24W5/00		07-19-079-24W5	19-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 7-19-79-24	
100/07-22-079-24W5/00		07-22-079-24W5	22-079-24W5	079-24W5	Yes	EXALTA CULP 7-22-79-24	1910
100/01-23-079-24W5/00		01-23-079-24W5	23-079-24W5	079-24W5	Yes	GALLEON CULP 1-23-79-24	
100/07-08-079-25W5/00		07-08-079-25W5	08-079-25W5	079-25W5	Yes	SEARCH EAGLEN 7-8-79-25	2041
100/09-12-079-25W5/00		09-12-079-25W5	12-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 9-12-79-25	
100/01-13-079-25W5/00		01-13-079-25W5	13-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 1-13-79-25	2053
100/06-13-079-25W5/00		06-13-079-25W5	13-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 6-13-79-25	
100/09-13-079-25W5/00		09-13-079-25W5	13-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 9-13-79-25	
100/03-24-079-25W5/00		03-24-079-25W5	24-079-25W5	079-25W5	Yes	DEVON ARL 3B EAGLEN 3-24-79-25	2043
100/12-36-079-25W5/00		12-36-079-25W5	36-079-25W5	079-25W5	Yes	EXALTA EAGLEN 12-36-79-25	1927
100/01-02-080-23W5/00		01-02-080-23W5	02-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 1-2-80-23	1863.2
100/13-05-080-23W5/00		13-05-080-23W5	05-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 13-5-80-23	
100/15-05-080-23W5/00		15-05-080-23W5	05-080-23W5	080-23W5	Yes	KETCH ET AL TANGENT 15-5-80-23	1766
100/04-14-080-23W5/00		04-14-080-23W5	14-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 4-14-80-23	
100/02-19-080-23W5/00		02-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 2-19-80-23	1857
100/03-19-080-23W5/00		03-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 3-19-80-23	
100/11-19-080-23W5/00		11-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 11-19-80-23	2306.1
100/13-29-080-23W5/00		13-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION TANGENT 13-29-80-23	1930
100/05-30-080-23W5/00		05-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 5-30-80-23	1874.5
100/09-30-080-23W5/00		09-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 9-30-80-23	1833.8
100/07-30-080-23W5/00		07-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 7-30-80-23	1866.3
100/10-31-080-23W5/00		10-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 10-31-80-23	1830
100/02-32-080-23W5/00		02-32-080-23W5	32-080-23W5	080-23W5	Yes	INTERACTION TANGENT 2-32-80-23	1915
100/09-07-080-24W5/00		09-07-080-24W5	07-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 9-7-80-24	
100/14-10-080-24W5/00		14-10-080-24W5	10-080-24W5	080-24W5	Yes	EXALTA TANGENT 14-10-80-24	1888.3
100/08-13-080-24W5/00		08-13-080-24W5	13-080-24W5	080-24W5	Yes	ANDERSON TANGENT 8-13-80-24	
100/14-13-080-24W5/00		14-13-080-24W5	13-080-24W5	080-24W5	Yes	ANDERSON TANGENT 14-13-80-24	2055
100/13-17-080-24W5/00		13-17-080-24W5	17-080-24W5	080-24W5	Yes	EXALTA TANGENT 13-17-80-24	1912

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Well_ID_Long	Well_ID_Short	Section	Twp-Range	On 1st Lithium Property	Well_Name	TVD_m
100/13-23-080-24W5/00		13-23-080-24W5	23-080-24W5	080-24W5	Yes	ANDERSON TANGENT 13-23-80-24	1875
100/16-24-080-24W5/00		16-24-080-24W5	24-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 16-24-80-24	1884.6
100/07-25-080-24W5/00		07-25-080-24W5	25-080-24W5	080-24W5	Yes	INTERACTION ET AL TANGENT 7-25-80-24	
100/11-25-080-24W5/00		11-25-080-24W5	25-080-24W5	080-24W5	Yes	INTERACTION ETAL TANGENT 11-25-80-24	1875
100/12-25-080-24W5/00		12-25-080-24W5	25-080-24W5	080-24W5	Yes	INTERACTION ETAL TANGENT 12-25-80-24	
100/02-26-080-24W5/00		02-26-080-24W5	26-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 2-26-80-24	
100/11-26-080-24W5/00		11-26-080-24W5	26-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 11-26-80-24	
100/13-35-080-24W5/00		13-35-080-24W5	35-080-24W5	080-24W5	Yes	AMOCO TANGENT 13-35-80-24	2232.1
100/02-35-080-24W5/00		02-35-080-24W5	35-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 2-35-80-24	
100/06-36-080-24W5/00		06-36-080-24W5	36-080-24W5	080-24W5	Yes	AMOCO TANGENT 6-36-80-24	1907
Suspended &/or Abandoned Wells							
102/06-02-079-22W5/00		06-02-079-22W5	02-079-22W5	079-22W5	Yes	KETCH ET AL NORMANDVILLE 6-2-79-22	2273
100/10-02-079-22W5/00		10-02-079-22W5	02-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 10-2-79-22	
100/06-08-079-22W5/00		06-08-079-22W5	08-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 6-8-79-22	2073
100/05-08-079-22W5/00		05-08-079-22W5	08-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 5-8-79-22	2103.1
100/09-08-079-22W5/00		09-08-079-22W5	08-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 9-8-79-22	
100/11-08-079-22W5/00		11-08-079-22W5	08-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE IN 11-8-79-22	2090.9
100/11-09-079-22W5/00		11-09-079-22W5	09-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 11-9MU-79-22	2093.4
100/13-09-079-22W5/00		13-09-079-22W5	09-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 13-9MU-79-22	2097
100/05-09-079-22W5/00		05-09-079-22W5	09-079-22W5	079-22W5	Yes	COLORADO ET AL NVILLE 5-9-79-22	2087
100/01-12-079-22W5/00		01-12-079-22W5	12-079-22W5	079-22W5	Yes	IMPERIAL LALBY NO.1 WELL	2391.8
100/05-15-079-22W5/00		05-15-079-22W5	15-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 5-15-79-22	
100/03-15-079-22W5/00		03-15-079-22W5	15-079-22W5	079-22W5	Yes	COLORADO NORMANDVILLE 3-15	2258.6
100/01-16-079-22W5/00		01-16-079-22W5	16-079-22W5	079-22W5	Yes	NORCEN ET AL NORMANDVILLE 1-16-79-22	2262.8
100/08-16-079-22W5/00		08-16-079-22W5	16-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 8-16-79-22	
100/09-16-079-22W5/00		09-16-079-22W5	16-079-22W5	079-22W5	Yes	COLORADO ET AL NORMANDVILLE 9-16	2074.8
100/10-16-079-22W5/00		10-16-079-22W5	16-079-22W5	079-22W5	Yes	IMPERIAL NORMANDVILLE NO. 3	2077.2
100/01-17-079-22W5/00		01-17-079-22W5	17-079-22W5	079-22W5	Yes	NORCEN ET AL NVILLE 1-17-79-22	2068.4
100/15-18-079-22W5/00		15-18-079-22W5	18-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 15-18-79-22	
100/03-19-079-22W5/00		03-19-079-22W5	19-079-22W5	079-22W5	Yes	CDN FOREST ET AL NVILLE 3-19-79-22	1837
100/01-19-079-22W5/00		01-19-079-22W5	19-079-22W5	079-22W5	Yes	ANDERSON ET AL NVILLE 7-19-79-22	1819.5
100/13-20-079-22W5/00		13-20-079-22W5	20-079-22W5	079-22W5	Yes	COLORADO ET AL JEAN COTE 13-20-79-22	2316.5
100/10-20-079-22W5/00		10-20-079-22W5	20-079-22W5	079-22W5	Yes	IMPERIAL NORMANDVILLE NO. 2	2334.2
100/03-28-079-22W5/00		03-28-079-22W5	28-079-22W5	079-22W5	Yes	IMPERIAL JEAN COTE NO. 3-28-79-22	2430.5
100/11-30-079-22W5/00		11-30-079-22W5	30-079-22W5	079-22W5	Yes	ANDERSON NVILLE 11-30-79-22	
100/04-07-079-23W5/00		04-07-079-23W5	07-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 4-7-79-23	
100/06-09-079-23W5/00		06-09-079-23W5	09-079-23W5	079-23W5	Yes	NORCEN ET AL CULP 6-9-79-23	1826
100/04-12-079-23W5/00		04-12-079-23W5	12-079-23W5	079-23W5	Yes	NORCEN ET AL NVILLE 4-12-79-23	2131
100/08-12-079-23W5/00		08-12-079-23W5	12-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 8-12-79-23	1837
100/16-13-079-23W5/00		16-13-079-23W5	13-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 16-13-79-23	1820
100/02-14-079-23W5/00		02-14-079-23W5	14-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 2-14-79-23	
100/13-17-079-23W5/00		13-17-079-23W5	17-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 13-17-79-23	
100/01-18-079-23W5/00		01-18-079-23W5	18-079-23W5	079-23W5	Yes	INTERACTION CULP 1-18-79-23	1895
100/10-18-079-23W5/00		10-18-079-23W5	18-079-23W5	079-23W5	Yes	SYRACUSE ET AL NVILLE 10-18-79-23	2133.6
100/10-19-079-23W5/00		10-19-079-23W5	19-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 10-19-79-23	
100/02-19-079-23W5/00		02-19-079-23W5	19-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 2-19-79-23	1955
100/08-19-079-23W5/00		08-19-079-23W5	19-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 8-19-79-23	1888
100/06-20-079-23W5/00		06-20-079-23W5	20-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 6-20-79-23	
100/12-20-079-23W5/00		12-20-079-23W5	20-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 12-20-79-23	1892
102/14-21-079-23W5/00		14-21-079-23W5	21-079-23W5	079-23W5	Yes	ANDERSON ET AL CULP 14-21WB-79-23	1868
100/12-21-079-23W5/00		12-21-079-23W5	21-079-23W5	079-23W5	Yes	INTERACTION CULP 12-21-79-23	2381
100/14-21-079-23W5/00		14-21-079-23W5	21-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 14-21-79-23	
100/13-25-079-23W5/00		13-25-079-23W5	25-079-23W5	079-23W5	Yes	ANDERSON NVILLE 13-25-79-23	1857.8
100/03-25-079-23W5/00		03-25-079-23W5	25-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 3-25-79-23	
100/02-25-079-23W5/00		02-25-079-23W5	25-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 2-25-79-23	

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Well_ID_Long	Well_ID_Short	Section	Twp-Range	On 1st Lithium Property	Well_Name	TVD_m
100/09-26-079-23W5/00		09-26-079-23W5	26-079-23W5	079-23W5	Yes	ANDERSON NVILLE 9-26-79-23	1850
100/12-30-079-23W5/00		12-30-079-23W5	30-079-23W5	079-23W5	Yes	KETCH CULP 12-30-79-23	
100/08-30-079-23W5/00		08-30-079-23W5	30-079-23W5	079-23W5	Yes	COHO ET AL CULP 8-30-79-23	1961
100/11-30-079-23W5/00		11-30-079-23W5	30-079-23W5	079-23W5	Yes	COHO ET AL CULP 11-30-79-23	
100/16-30-079-23W5/00		16-30-079-23W5	30-079-23W5	079-23W5	Yes	NORCEN ET AL NVILLE 16-30-79-23	1940
100/13-31-079-23W5/00		13-31-079-23W5	31-079-23W5	079-23W5	Yes	ANDERSON ET AL TANGENT 13-31-79-23	
100/12-32-079-23W5/00		12-32-079-23W5	32-079-23W5	079-23W5	Yes	ANDERSON ET AL TANGENT 12-32-79-23	
100/10-33-079-23W5/00		10-33-079-23W5	33-079-23W5	079-23W5	Yes	NORCENPL ET AL NVILLE 10-33-79-23	2347
100/08-36-079-23W5/00		08-36-079-23W5	36-079-23W5	079-23W5	Yes	ANDERSON ET AL NVILLE 8-36-79-23	2101.6
100/15-36-079-23W5/00		15-36-079-23W5	36-079-23W5	079-23W5	Yes	RANCHMEN'S ET AL NVILLE 15-36-79-23	1840
100/16-02-079-24W5/00		16-02-079-24W5	02-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 16-2-79-24	
100/10-02-079-24W5/00		10-02-079-24W5	02-079-24W5	079-24W5	Yes	QUASAR AMOCO CULP 10-2-79-24	2176.3
100/14-03-079-24W5/00		14-03-079-24W5	03-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 14-3-79-24	2210
100/03-03-079-24W5/00		03-03-079-24W5	03-079-24W5	079-24W5	Yes	ANDERSON WOLVERINE CULP 3-3-79-24	2075
100/08-03-079-24W5/00		08-03-079-24W5	03-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 8-3-79-24	1959.2
100/03-06-079-24W5/00		03-06-079-24W5	06-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 3-6-79-24	2044.9
100/05-07-079-24W5/00		05-07-079-24W5	07-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 5-7-79-24	
100/15-07-079-24W5/00		15-07-079-24W5	07-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 15-7-79-24	1995.3
100/12-07-079-24W5/00		12-07-079-24W5	07-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 12-7-79-24	2033.8
100/04-08-079-24W5/00		04-08-079-24W5	08-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 4-8-79-24	1722.2
100/11-08-079-24W5/00		11-08-079-24W5	08-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 11-8-79-24	
100/05-11-079-24W5/00		05-11-079-24W5	11-079-24W5	079-24W5	Yes	TEXACO CULP 5-11-79-24	1900
100/08-13-079-24W5/00		08-13-079-24W5	13-079-24W5	079-24W5	Yes	GULF AMMIN CULP 8-13-79-24	2065
100/04-13-079-24W5/00		04-13-079-24W5	13-079-24W5	079-24W5	Yes	CO-ENERCO ET AL CULP 4-13-79-24	1900
102/13-17-079-24W5/00		13-17-079-24W5	17-079-24W5	079-24W5	Yes	EXALTA EAGLEN 13-17-79-24	1984
100/02-18-079-24W5/00		02-18-079-24W5	18-079-24W5	079-24W5	Yes	ANDERSON EAGLEN 2-18-79-24	
100/05-18-079-24W5/00		05-18-079-24W5	18-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 5-18-79-24	1996.8
100/08-18-079-24W5/00		08-18-079-24W5	18-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 8-18-79-24	
100/12-18-079-24W5/00		12-18-079-24W5	18-079-24W5	079-24W5	Yes	HB UNION TANGENT 12-18-79-24	2242.4
100/14-18-079-24W5/00		14-18-079-24W5	18-079-24W5	079-24W5	Yes	DEVON 14D EAGLEN 14-18-79-24	1918
100/01-19-079-24W5/00		01-19-079-24W5	19-079-24W5	079-24W5	Yes	ANDERSON ET AL EAGLEN 1-19-79-24	
100/06-19-079-24W5/00		06-19-079-24W5	19-079-24W5	079-24W5	Yes	SUNCOR ET AL CULP 6-19-79-24	2146
100/04-20-079-24W5/00		04-20-079-24W5	20-079-24W5	079-24W5	Yes	NUMAC PCP EAGLEN 4-20-79-24	
100/06-20-079-24W5/00		06-20-079-24W5	20-079-24W5	079-24W5	Yes	NUMAC PCP EAGLEN 6-20-79-24	1990
100/16-20-079-24W5/00		16-20-079-24W5	20-079-24W5	079-24W5	Yes	NUMAC PCP CULP 16-20-79-24	2052
100/09-23-079-24W5/00		09-23-079-24W5	23-079-24W5	079-24W5	Yes	CDN-SUP CULP 9-23-79-24	2095
100/14-23-079-24W5/00		14-23-079-24W5	23-079-24W5	079-24W5	Yes	TEXACO CDN-SUP CULP 14-23-79-24	2126
100/14-24-079-24W5/00		14-24-079-24W5	24-079-24W5	079-24W5	Yes	CARDO EAGLESHAM 14-24-79-24	2028
100/10-27-079-24W5/00		10-27-079-24W5	27-079-24W5	079-24W5	Yes	HB UNION TANGENT 10-27-79-24	2014.7
100/10-31-079-24W5/00		10-31-079-24W5	31-079-24W5	079-24W5	Yes	ANDERSON ET AL CULP 10-31-79-24	1993.8
100/04-02-079-25W5/00		04-02-079-25W5	02-079-25W5	079-25W5	Yes	COLIN ET AL EAGLEN 4-2-79-25	2032.6
100/10-04-079-25W5/00		10-04-079-25W5	04-079-25W5	079-25W5	Yes	COLIN ET AL EAGLEN 10-4-79-25	
100/05-04-079-25W5/00		05-04-079-25W5	04-079-25W5	079-25W5	Yes	TALISMAN ET AL EAGLEN 5-4-79-25	
100/08-04-079-25W5/00		08-04-079-25W5	04-079-25W5	079-25W5	Yes	AEC AMMIN CEDC EAGLEN 8-4-79-25	2309
100/13-04-079-25W5/00		13-04-079-25W5	04-079-25W5	079-25W5	Yes	ANDERSON EAGLEN 13-4-79-25	2106
100/01-05-079-25W5/00		01-05-079-25W5	05-079-25W5	079-25W5	Yes	GALLEON EAGLEN 1-5-79-25	
100/07-06-079-25W5/00		07-06-079-25W5	06-079-25W5	079-25W5	Yes	DEVON ARL 7A EAGLESHN 7-6-79-25	2147.3
100/03-08-079-25W5/00		03-08-079-25W5	08-079-25W5	079-25W5	Yes	ANDERSON EAGLEN 3-8-79-25	
100/10-11-079-25W5/00		10-11-079-25W5	11-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 10-11-79-25	2014
100/06-12-079-25W5/00		06-12-079-25W5	12-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 6-12-79-25	2030
100/02-14-079-25W5/00		02-14-079-25W5	14-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 2-14-79-25	2029.6
100/02-16-079-25W5/00		02-16-079-25W5	16-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 2-16-79-25	
100/16-16-079-25W5/00		16-16-079-25W5	16-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 16-16-79-25	2048.1
100/01-17-079-25W5/00		01-17-079-25W5	17-079-25W5	079-25W5	Yes	COLIN ET AL EAGLEN 1-17-79-25	2050
100/07-17-079-25W5/00		07-17-079-25W5	17-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 7-17-79-25	2037

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Well_ID_Long	Well_ID_Short	Section	Twp-Range	On 1st Lithium Property	Well_Name	TVD_m
100/08-17-079-25W5/00		08-17-079-25W5	17-079-25W5	079-25W5	Yes	AEC AMMIN CEDC EAGLEN 8-17-79-25	2219.7
100/11-21-079-25W5/00		11-21-079-25W5	21-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 11-21-79-25	
100/16-24-079-25W5/00		16-24-079-25W5	24-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 16-24-79-25	1981.6
100/11-24-079-25W5/00		11-24-079-25W5	24-079-25W5	079-25W5	Yes	ANDERSON ET AL EAGLEN 11-24-79-25	
100/11-26-079-25W5/00		11-26-079-25W5	26-079-25W5	079-25W5	Yes	ABERFORD ET AL TANGENT 11-26-79-25	2230
100/04-32-079-25W5/00		04-32-079-25W5	32-079-25W5	079-25W5	Yes	ANDERSON EAGLEN 4-32-79-25	1984.1
100/06-03-080-22W5/00		06-03-080-22W5	03-080-22W5	080-22W5	Yes	PENN WEST ET AL TANGENT 6-3-80-22	2430
100/06-25-080-22W5/00		06-25-080-22W5	25-080-22W5	080-22W5	Yes	HOME DOME NORMANDVILLE 6-25-80-22	
102/02-34-080-22W5/00		02-34-080-22W5	34-080-22W5	080-22W5	Yes	GULF NORMANDVILLE A2-34-80-22	1900
100/02-34-080-22W5/00		02-34-080-22W5	34-080-22W5	080-22W5	Yes	GULF NORMANDVILLE 2-34-80-22	2325
103/02-34-080-22W5/00		02-34-080-22W5	34-080-22W5	080-22W5	Yes	GALLEON 103 TANGENT 2-34-80-22	1792.9
100/05-01-080-23W5/00		05-01-080-23W5	01-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 5-1-80-23	
100/03-02-080-23W5/00		03-02-080-23W5	02-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 3-2-80-23	1826.1
100/14-02-080-23W5/00		14-02-080-23W5	02-080-23W5	080-23W5	Yes	ANDERSON NORMANDVILLE 14-2-80-23	
100/16-02-080-23W5/00		16-02-080-23W5	02-080-23W5	080-23W5	Yes	ANDERSON ET AL NVILLE 16-2-80-23	1866
100/12-05-080-23W5/00		12-05-080-23W5	05-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 12-5-80-23	
100/04-06-080-23W5/00		04-06-080-23W5	06-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 4-6-80-23	
100/07-08-080-23W5/00		07-08-080-23W5	08-080-23W5	080-23W5	Yes	ANDERSON ET AL TANGENT 7-8-80-23	1865
100/16-10-080-23W5/00		16-10-080-23W5	10-080-23W5	080-23W5	Yes	DEVON TANGENT 16-10-80-23	1958.7
100/14-10-080-23W5/00		14-10-080-23W5	10-080-23W5	080-23W5	Yes	ACCLAIM TANGENT 14-10-80-23	1928.7
100/06-11-080-23W5/00		06-11-080-23W5	11-080-23W5	080-23W5	Yes	HOL CONS NVILLE 6-11-80-23	1949.5
100/01-15-080-23W5/00		01-15-080-23W5	15-080-23W5	080-23W5	Yes	KETCH ET AL TANGENT 1-15-80-23	1783.2
100/08-15-080-23W5/00		08-15-080-23W5	15-080-23W5	080-23W5	Yes	AEC ET AL TANGENT 8-15-80-23	
100/04-16-080-23W5/00		04-16-080-23W5	16-080-23W5	080-23W5	Yes	INTERACTION TANGENT 4-16-80-23	1849.9
100/16-17-080-23W5/00		16-17-080-23W5	17-080-23W5	080-23W5	Yes	NUMAC PCP TANGENT 16-17-80-23	1875
100/06-18-080-23W5/00		06-18-080-23W5	18-080-23W5	080-23W5	Yes	NUMAC ET AL TANGENT 6-18-80-23	1883
100/13-18-080-23W5/00		13-18-080-23W5	18-080-23W5	080-23W5	Yes	IMPERIAL TANGENT NO. 1	2315.9
100/06-19-080-23W5/00		06-19-080-23W5	19-080-23W5	080-23W5	Yes	EXORO ENERGY TANGENT 6-19-80-23	1850
100/14-19-080-23W5/00		14-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 14-19-80-23	1852
100/13-19-080-23W5/00		13-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 13-19-80-23	1880.6
100/08-19-080-23W5/00		08-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 8-19-80-23	1880
102/11-19-080-23W5/00		11-19-080-23W5	19-080-23W5	080-23W5	Yes	INTERACTION TANGENT 11-19W-80-23	1844
100/08-20-080-23W5/00		08-20-080-23W5	20-080-23W5	080-23W5	Yes	NUMAC TANGENT 8-20-80-23	1875
102/16-20-080-23W5/00		16-20-080-23W5	20-080-23W5	080-23W5	Yes	INTERACTION TANGENT 16-20-80-23-5	1840
100/16-20-080-23W5/00		16-20-080-23W5	20-080-23W5	080-23W5	Yes	NUMAC TANGENT 16-20-80-23	1875
100/15-20-080-23W5/00		15-20-080-23W5	20-080-23W5	080-23W5	Yes	PCP TANGENT 15-20-80-23	1860
100/13-21-080-23W5/00		13-21-080-23W5	21-080-23W5	080-23W5	Yes	INTERACTION TANGENT 13-21-80-23	1835
100/06-21-080-23W5/00		06-21-080-23W5	21-080-23W5	080-23W5	Yes	INTERACTION TANGENT 6-21-80-23	1875
100/12-21-080-23W5/00		12-21-080-23W5	21-080-23W5	080-23W5	Yes	INTERACTION TANGENT 12-21-80-23	1828.5
100/04-21-080-23W5/00		04-21-080-23W5	21-080-23W5	080-23W5	Yes	INTERACTION TANGENT 13-16-80-23	1800
100/02-21-080-23W5/00		02-21-080-23W5	21-080-23W5	080-23W5	Yes	INTERACTION TANGENT 2-21-80-23	1854.2
100/15-25-080-23W5/00		15-25-080-23W5	25-080-23W5	080-23W5	Yes	NORCEN ET AL NVILLE 15-25-80-23	2273.2
100/08-27-080-23W5/00		08-27-080-23W5	27-080-23W5	080-23W5	Yes	NUMAC PCP TANGENT 8-27-80-23	1844
100/06-28-080-23W5/00		06-28-080-23W5	28-080-23W5	080-23W5	Yes	INTERACTION TANGENT 6-28-80-23	1849.8
103/06-29-080-23W5/00		06-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION 103 TANGENT 6-29-80-23	
100/09-29-080-23W5/00		09-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION TANGENT 9-29-80-23	1781.7
100/08-29-080-23W5/00		08-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 8-29-80-23	1835
100/02-29-080-23W5/00		02-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION TANGENT 2-29-80-23	1789.4
100/06-29-080-23W5/00		06-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION TANGENT 6-29-80-23	1901
102/06-29-080-23W5/00		06-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 6-29W-80-23	1850
100/14-29-080-23W5/00		14-29-080-23W5	29-080-23W5	080-23W5	Yes	INTERACTION TANGENT 14-29-80-23	2051
102/16-30-080-23W5/00		16-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 26-30W-80-23	1833
100/16-30-080-23W5/00		16-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 16-30-80-23	1818
102/14-30-080-23W5/00		14-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 14-30W-80-23	1850.7
100/14-30-080-23W5/00		14-30-080-23W5	30-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 14-30-80-23	

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Well_ID_Long	Well_ID_Short	Section	Twp-Range	On 1st Lithium Property	Well_Name	TVD_m
100/04-30-080-23W5/00		04-30-080-23W5	30-080-23W5	080-23W5	Yes	NUMAC PCP TANGENT 4-30-80-23	1862
100/08-30-080-23W5/00		08-30-080-23W5	30-080-23W5	080-23W5	Yes	NUMAC PCP TANGENT 8-30-80-23	1846
100/10-30-080-23W5/00		10-30-080-23W5	30-080-23W5	080-23W5	Yes	NUMAC PCP TANGENT 10-30-80-23	1851.2
100/02-31-080-23W5/00		02-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 2-31-80-23	1870
100/05-31-080-23W5/00		05-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 5-31-80-23	
100/07-31-080-23W5/00		07-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 7-31-80-23	
100/09-31-080-23W5/00		09-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION HZ TANGENT 9-31-80-23	1731.8
100/06-31-080-23W5/00		06-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 6-31-80-23	1820
100/16-31-080-23W5/00		16-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTIOON PCP TANGENT 16-31-80-23	1820
102/01-31-080-23W5/00		01-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 1-31W-80-23	1824
100/03-31-080-23W5/00		03-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 3-31-80-23	1856.5
100/11-31-080-23W5/00		11-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 11-31-80-23	1850
100/14-31-080-23W5/00		14-31-080-23W5	31-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 14-31-80-23	1845
102/06-32-080-23W5/00		06-32-080-23W5	32-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 6-32-80-23	2175
100/04-32-080-23W5/00		04-32-080-23W5	32-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 4-32-80-23	1849
100/05-32-080-23W5/00		05-32-080-23W5	32-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 5-32-80-23	1823
100/12-32-080-23W5/00		12-32-080-23W5	32-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 12-32-80-23	1870
102/12-32-080-23W5/00		12-32-080-23W5	32-080-23W5	080-23W5	Yes	INTERACTION PCP TANGENT 12-32W-80-23	1851.9
100/06-06-080-24W5/00		06-06-080-24W5	06-080-24W5	080-24W5	Yes	REMINGTON ET AL TANGENT 6-6-80-24	2393
100/13-06-080-24W5/00		13-06-080-24W5	06-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 13-6-80-24	1980.3
100/15-06-080-24W5/00		15-06-080-24W5	06-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 15-6-80-24	1978.4
100/16-06-080-24W5/00		16-06-080-24W5	06-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 16-6-80-24	2090
100/10-09-080-24W5/00		10-09-080-24W5	09-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 10-9-80-24	2278
100/07-11-080-24W5/00		07-11-080-24W5	11-080-24W5	080-24W5	Yes	HB UNION TANGENT 7-11-80-24	2381
100/01-15-080-24W5/00		01-15-080-24W5	15-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 1-15-80-24	
100/10-17-080-24W5/00		10-17-080-24W5	17-080-24W5	080-24W5	Yes	CDN-SUP TANGENT 10-17-80-24	2065
100/15-17-080-24W5/00		15-17-080-24W5	17-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 15-17-80-24	
100/09-19-080-24W5/00		09-19-080-24W5	19-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 9-19-80-24	
100/10-20-080-24W5/00		10-20-080-24W5	20-080-24W5	080-24W5	Yes	ANDERSON TANGENT 10-20-80-24	1886.6
100/04-20-080-24W5/00		04-20-080-24W5	20-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 4-20-80-24	
100/05-21-080-24W5/00		05-21-080-24W5	21-080-24W5	080-24W5	Yes	EXALTA TANGENT 5-21-80-24	1819.7
100/04-21-080-24W5/00		04-21-080-24W5	21-080-24W5	080-24W5	Yes	ANDERSON TANGENT 4-21-80-24	2080
100/06-22-080-24W5/00		06-22-080-24W5	22-080-24W5	080-24W5	Yes	ANDERSON TANGENT 6-22-80-24	2070
100/11-22-080-24W5/00		11-22-080-24W5	22-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 11-22-80-24	
100/09-22-080-24W5/00		09-22-080-24W5	22-080-24W5	080-24W5	Yes	CDN-SUP TANGENT 12-23-80-24	1920
102/09-23-080-24W5/00		09-23-080-24W5	23-080-24W5	080-24W5	Yes	ANDERSON TANGENT 9-23WB-80-24	1865
100/10-23-080-24W5/00		10-23-080-24W5	23-080-24W5	080-24W5	Yes	ANDERSON TANGENT 10-23-80-24	2182
100/08-23-080-24W5/00		08-23-080-24W5	23-080-24W5	080-24W5	Yes	ANDERSON TANGENT 9-23-80-24	2342
100/01-23-080-24W5/00		01-23-080-24W5	23-080-24W5	080-24W5	Yes	CDN-SUP TANGENT 1-23-80-24	2050
100/05-24-080-24W5/00		05-24-080-24W5	24-080-24W5	080-24W5	Yes	UPRI TANGENT 6-24-80-24	1779.7
100/15-24-080-24W5/00		15-24-080-24W5	24-080-24W5	080-24W5	Yes	ANDERSON TANGENT 15-24-80-24	1817.4
100/02-25-080-24W5/00		02-25-080-24W5	25-080-24W5	080-24W5	Yes	INTERACTION ET AL TANGENT 2-25-80-24	1898.6
102/02-25-080-24W5/00		02-25-080-24W5	25-080-24W5	080-24W5	Yes	INTERACTION ETAL TANGENT 2-25W-80-24	1885
100/04-25-080-24W5/00		04-25-080-24W5	25-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 4-25-80-24	1875
102/16-25-080-24W5/00		16-25-080-24W5	25-080-24W5	080-24W5	Yes	AMOCO TANGENT 16-25G-80-24	2246
100/08-25-080-24W5/00		08-25-080-24W5	25-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 8-25-80-24	1858.5
100/09-25-080-24W5/00		09-25-080-24W5	25-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 9-25-80-24	1851
103/16-26-080-24W5/00		16-26-080-24W5	26-080-24W5	080-24W5	Yes	ANDERSON TANGENT 16-26-80-24	1853.9
100/04-26-080-24W5/00		04-26-080-24W5	26-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 4-26-80-24	1899
100/16-26-080-24W5/00		16-26-080-24W5	26-080-24W5	080-24W5	Yes	MOBIL TANGENT 16-26-80-24	
100/15-27-080-24W5/00		15-27-080-24W5	27-080-24W5	080-24W5	Yes	SPRY TANGENT 15-27-80-24	
100/10-27-080-24W5/00		10-27-080-24W5	27-080-24W5	080-24W5	Yes	SPRY TANGENT 10-27-80-24	
100/01-27-080-24W5/00		01-27-080-24W5	27-080-24W5	080-24W5	Yes	ANDERSON TANGENT 1-27-80-24	2043
100/07-27-080-24W5/00		07-27-080-24W5	27-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 7-27-80-24	
100/13-32-080-24W5/00		13-32-080-24W5	32-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 13-32-80-24	2263

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Well_ID_Long	Well_ID_Short	Section	Twp-Range	On 1st Lithium Property	Well_Name	TVD_m
100/16-33-080-24W5/00		16-33-080-24W5	33-080-24W5	080-24W5	Yes	HUSKY ET AL TANGENT 16-33-80-24	2042
100/03-35-080-24W5/00		03-35-080-24W5	35-080-24W5	080-24W5	Yes	ANDERSON TANGENT 3-35-80-24	
102/13-35-080-24W5/00		13-35-080-24W5	35-080-24W5	080-24W5	Yes	ANDERSON TANGENT 13-35-80-24	1834.5
100/08-36-080-24W5/00		08-36-080-24W5	36-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 8-36-80-24	1897.1
102/08-36-080-24W5/00		08-36-080-24W5	36-080-24W5	080-24W5	Yes	NUMAC ET AL TANGENT 8-36W-80-24	1891.9
100/16-36-080-24W5/00		16-36-080-24W5	36-080-24W5	080-24W5	Yes	INTERACTION TANGENT 16-36-80-24	1852
100/13-36-080-24W5/00		13-36-080-24W5	36-080-24W5	080-24W5	Yes	ANDERSON ET AL TANGENT 13-36-80-24	1894.8
100/14-36-080-24W5/00		14-36-080-24W5	36-080-24W5	080-24W5	Yes	NUMAC PCP TANGENT 14-36-80-24	1872

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Collar_x_n27_z11	Collar_y_n27_z11	Bottom_x_n27_z11	Bottom_y_n27_z11	Current_Status	Current_Operator	Devonian
Wells Pentrating Devonia							
100/09-07-079-22W5/00	473702.3	6187333.1	473702.3	6187333.1	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/06-08-079-22W5/02	474514.1	6187109	474514.1	6187109	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/16-08-079-22W5/00	475154.5	6188014.6	475158.2	6188019	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/11-09-079-22W5/03	475956.6	6187530.4	475956.6	6187530.4	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/13-09-079-22W5/03	475556.6	6187905.5	475556.6	6187905.5	Pumping Gas	Devon Cda Corp	penetrates Devonian
100/16-09-079-22W5/00	476817.2	6187879.6	476817.2	6187879.6	Commingled	Devon Cda Corp	penetrates Devonian
100/16-09-079-22W5/02	476817.2	6187879.6	476817.2	6187879.6	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/04-15-079-22W5/00	477204.2	6188338.4	477204.2	6188338.4	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/05-15-079-22W5/02	477182.6	6188641.2	477190.7	6188634.5	Drilled & Cased	Devon Cda Corp	penetrates Devonian
100/01-16-079-22W5/03	476819.5	6188301.4	476819.5	6188301.4	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/14-16-079-22W5/00	476024.1	6189553.4	476013.5	6189559	Flowing OIL	Devon Cda Corp	penetrates Devonian
100/01-17-079-22W5/03	475185.6	6188311.6	475185.6	6188311.6	Pumping Gas	Devon Cda Corp	penetrates Devonian
100/02-17-079-22W5/00	474782.9	6188312.8	474784.2	6188312.8	Pumping Gas	Devon Cda Corp	penetrates Devonian
100/14-17-079-22W5/00	474348.8	6189662.1	474356.3	6189666.5	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/15-17-079-22W5/00	474836.6	6189470	474836.6	6189470	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/03-21-079-22W5/00	475949.8	6189925.6	475952.4	6189940	Drilled & Cased	Penn West Petrl Ltd	penetrates Devonian
100/03-21-079-22W5/04	475949.8	6189925.6	475952.4	6189940	Drilled & Cased	Penn West Petrl Ltd	penetrates Devonian
100/03-21-079-22W5/02	475949.8	6189925.6	475952.4	6189940	Flowing GAS	Penn West Petrl Ltd	penetrates Devonian
Wells Pentrating Devonia							
100/06-02-079-22W5/00	479097.6	6185269.2	479097.6	6185269.2	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/16-08-079-23W5/00	465294.9	6187929.8	465294.9	6187929.8	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
102/03-03-079-24W5/00	457914.3	6185062.3	458002.2	6185075.9	Pumping Gas	Devon Cda Corp	penetrates Devonian
100/01-12-079-24W5/00	461965.6	6186903.7	461953.3	6186922.7	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/15-14-079-24W5/00	459938.6	6189786.9	459938.6	6189786.9	Pumping OIL	Galleon Enrg Inc	penetrates Devonian
100/12-17-079-24W5/00	454456.3	6189114.2	454466.9	6189111.9	Drilled & Cased	Devon Cda Corp	penetrates Devonian
100/09-18-079-24W5/00	454098	6189341.7	454112.4	6189344.9	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/07-19-079-24W5/00	453548.8	6190447.3	453530.5	6190438.6	Drilled & Cased	Devon Cda Corp	penetrates Devonian
100/07-22-079-24W5/00	458472.7	6190612.1	458472.7	6190612.1	Flowing OIL	Galleon Enrg Inc	penetrates Devonian
100/01-23-079-24W5/00	460575.9	6189913.5	460586.6	6189925.6	Drilled & Cased	Galleon Enrg Inc	penetrates Devonian
100/07-08-079-25W5/00	445285.1	6187215.6	445285.1	6187215.6	Flowing GAS	Advantage O&G Ltd	penetrates Devonian
100/09-12-079-25W5/00	452279.6	6187696.2	452285.4	6187708.4	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/01-13-079-25W5/00	452406.2	6188380.5	452406.2	6188380.5	Pumping Gas	Devon Cda Corp	penetrates Devonian
100/06-13-079-25W5/00	451461.4	6188747.1	451476.7	6188769.2	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/09-13-079-25W5/00	452463.1	6189175.7	452468.3	6189191.2	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/03-24-079-25W5/00	451394.7	6190006.7	451394.7	6190006.7	Drilled & Cased	Devon Arl Corp	penetrates Devonian
100/12-36-079-25W5/00	451293.3	6194237.5	451293.3	6194237.5	Flowing OIL	Galleon Enrg Inc	penetrates Devonian
100/01-02-080-23W5/00	470226.2	6194773.7	470294.5	6194621.9	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/13-05-080-23W5/00	464074.7	6196146.1	464073	6196159.4	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/15-05-080-23W5/00	465029.9	6196064.8	465029.9	6196064.8	Drilled & Cased	Penn West Petrl Ltd	penetrates Devonian
100/04-14-080-23W5/00	469201.2	6198192.3	469135.9	6198144.9	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/02-19-080-23W5/00	463406.9	6199893.7	463406.9	6199893.7	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/03-19-080-23W5/00	463162.6	6199735.5	463147.7	6199752.3	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/11-19-080-23W5/00	462920.2	6200531.1	462899.7	6200543.6	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/13-29-080-23W5/00	464247.4	6202346.4	464247.4	6202346.4	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/05-30-080-23W5/00	462618.6	6201691.3	462611.3	6201714.7	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/09-30-080-23W5/00	463673.2	6202065.2	463713.3	6202080.4	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/07-30-080-23W5/00	463420.2	6201760.1	463446.9	6201739.9	Drilled & Cased	Penn West Petrl Ltd	penetrates Devonian
100/10-31-080-23W5/00	463301.6	6203595.4	463301.6	6203595.4	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/02-32-080-23W5/00	465142.9	6203010.3	465142.9	6203010.3	Drilled & Cased	Penn West Petrl Ltd	penetrates Devonian
100/09-07-080-24W5/00	454045.4	6197239.4	454058.7	6197253.7	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/14-10-080-24W5/00	458381.1	6197871.1	458262.7	6197909	Flowing OIL	Galleon Enrg Inc	penetrates Devonian
100/08-13-080-24W5/00	462221.6	6198698.5	462225.4	6198711.8	Flowing OIL	Devon Cda Corp	penetrates Devonian
100/14-13-080-24W5/00	461251.5	6199212.4	461251.5	6199212.4	Flowing OIL	Devon Cda Corp	penetrates Devonian
100/13-17-080-24W5/00	454494.9	6199262.7	454494.9	6199262.7	Flowing OIL	Galleon Enrg Inc	penetrates Devonian

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Collar_x_n27_z11	Collar_y_n27_z11	Bottom_x_n27_z11	Bottom_y_n27_z11	Current_Status	Current_Operator	Devonian
100/13-23-080-24W5/00	459290.1	6200832.1	459290.1	6200832.1	Flowing OIL	Devon Cda Corp	penetrates Devonian
100/16-24-080-24W5/00	462347.6	6200966.8	462388.9	6200984.3	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/07-25-080-24W5/00	461960.2	6201943	461949.1	6201957.6	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/11-25-080-24W5/00	461568.5	6202050	461568.5	6202050	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/12-25-080-24W5/00	460947.3	6202330.5	460937.4	6202331.7	Pumping OIL	Penn West Petrl Ltd	penetrates Devonian
100/02-26-080-24W5/00	460365.1	6201466.5	460375.1	6201469.8	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/11-26-080-24W5/00	459781.6	6202107.5	459773.5	6202105.3	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/13-35-080-24W5/00	459422	6204096.5	459422	6204096.5	Flowing GAS	Devon Cda Corp	penetrates Devonian
100/02-35-080-24W5/00	460116.8	6202839	460110.6	6202845.7	Pumping OIL	Devon Cda Corp	penetrates Devonian
100/06-36-080-24W5/00	461429	6203417	461429	6203417	Flowing GAS	Devon Cda Corp	penetrates Devonian
Suspended &/or Abandon							
102/06-02-079-22W5/00	479226	6185644.8	479226	6185644.8	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/10-02-079-22W5/00	479608.1	6185759.9	479587.4	6185736.6	ABD OIL	Devon Cda Corp	penetrates Devonian
100/06-08-079-22W5/00	474514.1	6187109	474514.1	6187109	Susp OIL	Devon Cda Corp	penetrates Devonian
100/05-08-079-22W5/00	473963.6	6187139	473963.6	6187139	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/09-08-079-22W5/00	475180.2	6187486.9	475174.1	6187501.4	ABD Whipstock	Devon Cda Corp	penetrates Devonian
100/11-08-079-22W5/00	474371.6	6187489.4	474371.6	6187489.4	ABD WTR Disp Zone	Devon Cda Corp	penetrates Devonian
100/11-09-079-22W5/00	475956.6	6187530.4	475956.6	6187530.4	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/13-09-079-22W5/00	475556.6	6187905.5	475556.6	6187905.5	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/05-09-079-22W5/00	475600.5	6187137.3	475600.5	6187137.3	Drld & ABD	Derby Refng Comp	penetrates Devonian
100/01-12-079-22W5/00	481718	6186648.6	481718	6186648.6	Drld & ABD	Imperial Oil Rsrcs Lmtd	penetrates Devonian
100/05-15-079-22W5/00	477182.6	6188641.2	477190.7	6188634.5	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/03-15-079-22W5/00	477644.2	6188298.2	477597.9	6188299.6	Drld & ABD	Derby Refng Comp	penetrates Devonian
100/01-16-079-22W5/00	476819.5	6188301.4	476819.5	6188301.4	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/08-16-079-22W5/00	476882	6188642.8	476893.9	6188636.1	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/09-16-079-22W5/00	476835.8	6189142.8	476835.8	6189142.8	Drld & ABD	Derby Refng Comp	penetrates Devonian
100/10-16-079-22W5/00	476421.2	6189107.2	476421.2	6189107.2	Drld & ABD	Imperial Oil Rsrcs Lmtd	penetrates Devonian
100/01-17-079-22W5/00	475185.6	6188311.6	475185.6	6188311.6	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/15-18-079-22W5/00	473227.4	6189449.6	473232.5	6189460.7	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/03-19-079-22W5/00	472786.7	6189866.4	472786.7	6189866.4	ABD OIL	Cdn Forest Oil Ltd	penetrates Devonian
100/01-19-079-22W5/00	473429.2	6189787.8	473431.4	6189746.6	ABD Whipstock OIL	Devon Cda Corp	penetrates Devonian
100/13-20-079-22W5/00	473989.4	6191131.1	473989.4	6191131.1	ABD OIL	Derby Refng Comp	penetrates Devonian
100/10-20-079-22W5/00	474797.6	6190725.7	474797.6	6190725.7	ABD Reentry	Imperial Oil Rsrcs Lmtd	penetrates Devonian
100/03-28-079-22W5/00	476031.4	6191543.4	476031.4	6191543.4	Drld & ABD	Imperial Oil Lmtd	penetrates Devonian
100/11-30-079-22W5/00	472903.4	6192296.4	472914	6192305.3	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/04-07-079-23W5/00	462502	6186767.7	462495.1	6186764.4	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/06-09-079-23W5/00	466245	6187192.2	466245	6187192.2	Drld & ABD	Cdn Nat Rsrcs Lmtd	penetrates Devonian
100/04-12-079-23W5/00	470542.1	6186793.6	470542.1	6186793.6	Drld & ABD	Cdn Nat Rsrcs Lmtd	penetrates Devonian
100/08-12-079-23W5/00	472065.7	6186981.6	472105.2	6186985.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/16-13-079-23W5/00	472082.4	6189667.2	472082.4	6189667.2	Susp GAS	Devon Cda Corp	penetrates Devonian
100/02-14-079-23W5/00	469751.9	6188201.4	469757	6188205.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/13-17-079-23W5/00	464181.7	6189648.5	464167.9	6189650.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/01-18-079-23W5/00	463619.5	6188240.7	463619.5	6188240.7	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/10-18-079-23W5/00	463492.6	6189301.4	463492.6	6189301.4	Drld & ABD	Talisman Enrg Inc	penetrates Devonian
100/10-19-079-23W5/00	463313.7	6190658.6	463320.7	6190677.4	ABD OIL	Devon Cda Corp	penetrates Devonian
100/02-19-079-23W5/00	463199.9	6189861.5	463199.9	6189861.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/08-19-079-23W5/00	463727.6	6190297.8	463727.6	6190297.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/06-20-079-23W5/00	464731.8	6190544.4	464719.2	6190533.4	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/12-20-079-23W5/00	464186.3	6190732.5	464186.3	6190732.5	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
102/14-21-079-23W5/00	466353.7	6191276.1	466353.7	6191276.1	ABD Whipstock	Devon Cda Corp	penetrates Devonian
100/12-21-079-23W5/00	466005.8	6190802.4	466005.8	6190802.4	Drld & ABD	Penn West Petrl Ltd	penetrates Devonian
100/14-21-079-23W5/00	466230.4	6191026.6	466240.4	6191026.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/13-25-079-23W5/00	470867.8	6192830.5	470902.1	6192819.2	Acid GAS Disposal	Devon Cda Corp	penetrates Devonian
100/03-25-079-23W5/00	471219.6	6191450.3	471218.5	6191465.9	Susp OIL	Devon Cda Corp	penetrates Devonian
100/02-25-079-23W5/00	471520.1	6191649.7	471522	6191657.5	ABD OIL Zone	Devon Cda Corp	penetrates Devonian

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Collar_x_n27_z11	Collar_y_n27_z11	Bottom_x_n27_z11	Bottom_y_n27_z11	Current_Status	Current_Operator	Devonian
100/09-26-079-23W5/00	470444.7	6192349.2	470444.7	6192349.2	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/12-30-079-23W5/00	462718.9	6192319.8	462737.3	6192340.8	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/08-30-079-23W5/00	463835.4	6191891.8	463835.4	6191891.8	Drld & ABD	Coho Rsrcs Lmtd	penetrates Devonian
100/11-30-079-23W5/00	462861.8	6192339.7	462872	6192364.1	Drld & ABD	Coho Rsrcs Lmtd	penetrates Devonian
100/16-30-079-23W5/00	463754.3	6192824.1	463754.3	6192824.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/13-31-079-23W5/00	462614.4	6194409.9	462621.2	6194400.9	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/12-32-079-23W5/00	464203.6	6193893.3	464205.1	6193913.4	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/10-33-079-23W5/00	466723.6	6194123.7	466723.6	6194123.7	Drld & ABD	Cdn Nat Rsrcs Lmtd	penetrates Devonian
100/08-36-079-23W5/00	471817.1	6193159.2	471795.3	6193452.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/15-36-079-23W5/00	471458.8	6194506.1	471458.8	6194506.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/16-02-079-24W5/00	460431.9	6186343.1	460426.2	6186339.8	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/10-02-079-24W5/00	460206.3	6186139.3	460206.3	6186139.3	Drld & ABD	Quasar Petrl Ltd	penetrates Devonian
100/14-03-079-24W5/00	458017.1	6186551.7	458017.1	6186551.7	ABD OIL	Devon Cda Corp	penetrates Devonian
100/03-03-079-24W5/00	457922.5	6185262.6	457922.5	6185262.6	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/08-03-079-24W5/00	458945.9	6185843.8	458949.7	6185781.4	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/03-06-079-24W5/00	452992.2	6185415.6	452993.5	6185422.3	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/05-07-079-24W5/00	452646.9	6187422.8	452647.6	6187438.4	Susp OIL	Devon Cda Corp	penetrates Devonian
100/15-07-079-24W5/00	453397.7	6188213.9	453395.7	6188259.5	ABD OIL	Devon Cda Corp	penetrates Devonian
100/12-07-079-24W5/00	452639.6	6187736.8	452646.1	6187752.3	ABD Zone	Devon Cda Corp	penetrates Devonian
100/04-08-079-24W5/00	454353.9	6186701.1	454350.3	6186656.6	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/11-08-079-24W5/00	454805.3	6187636.9	454813.6	6187649	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/05-11-079-24W5/00	459203.3	6187095.8	459203.3	6187095.8	Drld & ABD	Imperial Oil Rsrcs Lmtd	penetrates Devonian
100/08-13-079-24W5/00	462111.7	6188776.8	462111.7	6188776.8	ABD Whipstock	ConocoPhillips Cda Rsrcs	penetrates Devonian
100/04-13-079-24W5/00	461065.6	6188396.5	461065.6	6188396.5	Drld & ABD	ConocoPhillips Cda Rsrcs	penetrates Devonian
102/13-17-079-24W5/00	454409.9	6189409.7	454402.1	6189499.9	ABD Zone	Galleon Enrg Inc	penetrates Devonian
100/02-18-079-24W5/00	453399.7	6188399.7	453424.9	6188415	ABD Whipstock OIL	Devon Cda Corp	penetrates Devonian
100/05-18-079-24W5/00	452622.1	6188936.9	452631.4	6188935.6	ABD Zone	Devon Cda Corp	penetrates Devonian
100/08-18-079-24W5/00	453974.2	6188883.3	453954.9	6188899.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/12-18-079-24W5/00	452746.8	6189291.7	452746.8	6189291.7	Drld & ABD	BP Cda Enrg Comp	penetrates Devonian
100/14-18-079-24W5/00	453306.9	6189785.4	453306.9	6189785.4	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/01-19-079-24W5/00	454066	6190163.5	454069.8	6190169	ABD OIL	Devon Cda Corp	penetrates Devonian
100/06-19-079-24W5/00	453296.4	6190612.5	453296.4	6190612.5	Drld & ABD	Suncor Enrg Inc	penetrates Devonian
100/04-20-079-24W5/00	454225.8	6190113.9	454229.5	6190115	ABD OIL	Devon Cda Corp	penetrates Devonian
100/06-20-079-24W5/00	454954.3	6190512.6	454954.3	6190512.6	ABD OIL	Devon Cda Corp	penetrates Devonian
100/16-20-079-24W5/00	455461.5	6191139.5	455461.5	6191139.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/09-23-079-24W5/00	460422.6	6190819.8	460422.6	6190819.8	Drld & ABD	Exxonmobil Cda Rsrcs Comp	penetrates Devonian
100/14-23-079-24W5/00	459597.1	6191094.5	459597.1	6191094.5	Drld & ABD	Imperial Oil Rsrcs Lmtd	penetrates Devonian
100/14-24-079-24W5/00	461124.8	6191088.3	461124.8	6191088.3	Drld & ABD	Cardo Cda Lmtd	penetrates Devonian
100/10-27-079-24W5/00	458579.1	6192576.7	458579.1	6192576.7	Drld & ABD	BP Cda Enrg Comp	penetrates Devonian
100/10-31-079-24W5/00	453458.5	6194218.2	453429	6194211.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/04-02-079-25W5/00	449381.8	6185282.6	449374.9	6185281.5	ABD Reentered OIL	ConocoPhillips Cda (BRC)	penetrates Devonian
100/10-04-079-25W5/00	447013.7	6186251.4	447035.9	6186271.1	ABD OIL	ConocoPhillips Cda (BRC)	penetrates Devonian
100/05-04-079-25W5/00	446250.7	6185817.7	446263.2	6185859.9	ABD OIL Zone	Talisman Enrg Inc	penetrates Devonian
100/08-04-079-25W5/00	447239.2	6185826.8	447239.2	6185826.8	Drld & ABD	EnCana Corp	penetrates Devonian
100/13-04-079-25W5/00	446210.6	6186422.6	446210.6	6186422.6	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/01-05-079-25W5/00	445716.2	6185217.8	445708.9	6185240.1	Susp WTR Disp	Galleon Enrg Inc	penetrates Devonian
100/07-06-079-25W5/00	443878.1	6185634.1	443862.4	6185632	Drld & ABD	Devon Arl Corp	penetrates Devonian
100/03-08-079-25W5/00	444889.2	6186831	444903	6186832	ABD OIL	Devon Cda Corp	penetrates Devonian
100/10-11-079-25W5/00	450276	6187724.3	450201.8	6187749.6	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/06-12-079-25W5/00	451440.9	6187305.9	451440.9	6187305.9	ABD OIL	Devon Cda Corp	penetrates Devonian
100/02-14-079-25W5/00	450122.4	6188362.7	450134.9	6188365.9	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/02-16-079-25W5/00	446855.9	6188609.7	446871	6188612.8	ABD OIL	Devon Cda Corp	penetrates Devonian
100/16-16-079-25W5/00	447198.7	6189805.4	447527.5	6189916.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/01-17-079-25W5/00	445835.7	6188414.2	445835.7	6188414.2	Drld & ABD	ConocoPhillips Cda (BRC)	penetrates Devonian
100/07-17-079-25W5/00	445381.4	6189093.3	445381.4	6189093.3	Drld & ABD	Devon Cda Corp	penetrates Devonian

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Collar_x_n27_z11	Collar_y_n27_z11	Bottom_x_n27_z11	Bottom_y_n27_z11	Current_Status	Current_Operator	Devonian
100/08-17-079-25W5/00	445690.9	6189107.2	445708	6189118.1	Drld & ABD	EnCana Corp	penetrates Devonian
100/11-21-079-25W5/00	446606.1	6191007	446603.1	6191019.3	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/16-24-079-25W5/00	452411.7	6191449.1	452484.2	6191500.6	ABD OIL	Devon Cda Corp	penetrates Devonian
100/11-24-079-25W5/00	451368.7	6190924.2	451377.7	6190944.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/11-26-079-25W5/00	449806.5	6192667.3	449806.5	6192667.3	Drld & ABD	Talisman Enrg Inc	penetrates Devonian
100/04-32-079-25W5/00	444706.2	6193498.6	444671.4	6193563.6	ABD OIL	Devon Cda Corp	penetrates Devonian
100/06-03-080-22W5/00	477793.5	6195177.9	477793.5	6195177.9	Drld & ABD	Penn West Petrl Ltd	penetrates Devonian
100/06-25-080-22W5/00	480962.2	6201666	480973.3	6201643.7	Drld & ABD	Devon Cda Corp	penetrates Devonian
102/02-34-080-22W5/00	477972.5	6202803.3	477972.5	6202803.3	ABD OIL	Gulf Cda Lmtd	penetrates Devonian
100/02-34-080-22W5/00	477972.3	6202773.2	477972.3	6202773.2	Drld & ABD	Gulf Cda Lmtd	penetrates Devonian
103/02-34-080-22W5/00	478022.6	6202959.9	478022.6	6202959.9	Drld & ABD	Galleon Enrg Inc	penetrates Devonian
100/05-01-080-23W5/00	470611.6	6195358.8	470624	6195344.2	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/03-02-080-23W5/00	469790.2	6194934.8	469659.5	6194945.7	ABD OIL	Devon Cda Corp	penetrates Devonian
100/14-02-080-23W5/00	469457.1	6195855.4	469459.8	6195876.5	ABD OIL	Devon Cda Corp	penetrates Devonian
100/16-02-080-23W5/00	470485.1	6196057.5	470485.1	6196057.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/12-05-080-23W5/00	464077.8	6195765.4	464072.4	6195786.6	ABD Whipstock	Devon Cda Corp	penetrates Devonian
100/04-06-080-23W5/00	462618.3	6194870.6	462613.9	6194859.5	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/07-08-080-23W5/00	464862.7	6197024.4	464862.7	6197024.4	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/16-10-080-23W5/00	469355.1	6197778.3	468759.9	6197744.7	ABD OIL	Devon Cda Corp	penetrates Devonian
100/14-10-080-23W5/00	467048.5	6197769.6	468073.6	6197719.7	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/06-11-080-23W5/00	469611.7	6196681.3	469611.7	6196681.3	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/01-15-080-23W5/00	469182	6198299.3	468754.5	6198119.8	Susp GAS	Penn West Petrl Ltd	penetrates Devonian
100/08-15-080-23W5/00	469185.9	6198413.9	468657.3	6198496.7	ABD Whipstock	EnCana Corp	penetrates Devonian
100/04-16-080-23W5/00	465892.6	6198033.5	465892.6	6198041.3	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/16-17-080-23W5/00	465324.8	6199155.5	465324.8	6199155.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/06-18-080-23W5/00	463096.3	6198479.4	463096.3	6198479.4	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/13-18-080-23W5/00	462619.3	6199317.2	462619.3	6199317.2	Drld & ABD	Imperial Oil Rsrcs Lmtd	penetrates Devonian
100/06-19-080-23W5/00	463137.3	6200280	463137.3	6200280	ABD OIL Zone	Exoro Enrg Inc	penetrates Devonian
100/14-19-080-23W5/00	462878.5	6200766.4	462878.5	6200766.4	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/13-19-080-23W5/00	462546.3	6201063.1	462475.7	6201051.4	ABD Whipstock	Penn West Petrl Ltd	penetrates Devonian
100/08-19-080-23W5/00	463671.3	6200209.8	463671.3	6200209.8	ABD Zone	Penn West Petrl Ltd	penetrates Devonian
102/11-19-080-23W5/00	463118.6	6200434.8	463118.6	6200434.8	Drld & ABD	Penn West Petrl Ltd	penetrates Devonian
100/08-20-080-23W5/00	465452.9	6200250.8	465452.9	6200250.8	ABD OIL	Devon Cda Corp	penetrates Devonian
102/16-20-080-23W5/00	465508.6	6200892.6	465508.6	6200892.6	ABD Whipstock OIL	Penn West Petrl Ltd	penetrates Devonian
100/16-20-080-23W5/00	465355.1	6200745.8	465355.1	6200745.8	ABD Zone	Devon Cda Corp	penetrates Devonian
100/15-20-080-23W5/00	464972.1	6200884.6	464972.1	6200884.6	Drld & ABD	EnCana Corp	penetrates Devonian
100/13-21-080-23W5/00	466018.3	6200750.5	466018.3	6200750.5	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/06-21-080-23W5/00	466223.9	6199969.8	466223.9	6199969.8	ABD OIL	Penn West Petrl Ltd	penetrates Devonian
100/12-21-080-23W5/00	465502.8	6200864.8	465727.2	6200428.9	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/04-21-080-23W5/00	465956.4	6199625.7	465956.4	6199625.7	ABD Whipstock	Penn West Petrl Ltd	penetrates Devonian
100/02-21-080-23W5/00	466224.7	6200066.6	466737.8	6199791.1	Drld & ABD	Penn West Petrl Ltd	penetrates Devonian
100/15-25-080-23W5/00	471604.5	6202485.4	471604.5	6202485.4	Susp GAS	Devon Cda Corp	penetrates Devonian
100/08-27-080-23W5/00	468611.7	6201595.7	468611.7	6201595.7	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/06-28-080-23W5/00	467252.1	6201793.9	467751.3	6201762.3	Drld & ABD	Penn West Petrl Ltd	penetrates Devonian
103/06-29-080-23W5/00	464666	6201933.4	464667.2	6201931.2	WTR Injection	Penn West Petrl Ltd	penetrates Devonian
100/09-29-080-23W5/00	465502.1	6201401.3	465507.6	6202251.6	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/08-29-080-23W5/00	465318	6201573	465318	6201573	ABD OIL	Penn West Petrl Ltd	penetrates Devonian
100/02-29-080-23W5/00	465540.1	6200924.6	465250.6	6201268.6	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/06-29-080-23W5/00	464836.7	6201896.4	464836.7	6201896.4	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
102/06-29-080-23W5/00	464619.8	6201708.9	464619.8	6201708.9	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/14-29-080-23W5/00	464780.9	6202401	464780.9	6202401	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
102/16-30-080-23W5/00	463998.5	6202671.3	463998.5	6202671.3	WTR Disposal	Penn West Petrl Ltd	penetrates Devonian
100/16-30-080-23W5/00	463715.3	6202398.7	463715.3	6202398.7	ABD GAS Zone	Penn West Petrl Ltd	penetrates Devonian
102/14-30-080-23W5/00	463183	6202711.6	463183	6202711.6	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/14-30-080-23W5/00	463192.9	6202406.5	463192.9	6202406.5	ABD Whipstock	Penn West Petrl Ltd	penetrates Devonian

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Collar_x_n27_z11	Collar_y_n27_z11	Bottom_x_n27_z11	Bottom_y_n27_z11	Current_Status	Current_Operator	Devonian
100/04-30-080-23W5/00	462722.6	6201447.8	462722.6	6201447.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/08-30-080-23W5/00	463771.9	6201930.8	463771.9	6201930.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/10-30-080-23W5/00	463405.3	6202424.7	463351.4	6202332.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/02-31-080-23W5/00	463636.9	6203099.5	463636.9	6203099.5	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/05-31-080-23W5/00	462712.7	6203330	462733.4	6203348.7	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/07-31-080-23W5/00	463440.3	6203467.4	463463.5	6203481.6	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/09-31-080-23W5/00	463747.9	6203819.8	463809.4	6203712.5	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/06-31-080-23W5/00	463199.5	6203407.1	463199.5	6203407.1	ABD GAS Zone	Penn West Petrl Ltd	penetrates Devonian
100/16-31-080-23W5/00	463691.9	6203990.6	463691.9	6203990.6	ABD GAS Zone	Penn West Petrl Ltd	penetrates Devonian
102/01-31-080-23W5/00	463809.8	6202872.1	463809.8	6202872.1	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/03-31-080-23W5/00	463010	6203138.2	463010	6203138.2	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/11-31-080-23W5/00	463199.4	6203897.9	463199.4	6203897.9	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/14-31-080-23W5/00	462908.3	6204008.4	462908.3	6204008.4	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
102/06-32-080-23W5/00	464620.6	6203178.1	464620.6	6203178.1	Susp GAS	Penn West Petrl Ltd	penetrates Devonian
100/04-32-080-23W5/00	464469.6	6202878.9	464469.6	6202878.9	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/05-32-080-23W5/00	464309.6	6203149.5	464309.6	6203149.5	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/12-32-080-23W5/00	464390.4	6203863.4	464390.4	6203863.4	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
102/12-32-080-23W5/00	464033.6	6203882	464135.9	6203882.2	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/06-06-080-24W5/00	453359.3	6195227.7	453359.3	6195227.7	ABD OIL Zone	Signalta Rsrcs Lmtd	penetrates Devonian
100/13-06-080-24W5/00	452974.3	6196221.4	452959.4	6196233.8	ABD Whipstock	Devon Cda Corp	penetrates Devonian
100/15-06-080-24W5/00	453471.8	6195976.7	453469.9	6196037.9	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/16-06-080-24W5/00	454173.7	6196018.1	454173.7	6196018.1	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/10-09-080-24W5/00	456989.1	6197279.3	456989.1	6197279.3	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/07-11-080-24W5/00	460247.3	6196944.2	460247.3	6196944.2	Drld & ABD	BP Cda Enrg Comp	penetrates Devonian
100/01-15-080-24W5/00	458966.9	6198235.1	458952.1	6198246.3	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/10-17-080-24W5/00	455346.1	6199057.9	455346.1	6199057.9	Drld & ABD	Exxonmobil Cda Rsrcs Comp	penetrates Devonian
100/15-17-080-24W5/00	455347	6199506.4	455353.9	6199510.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/09-19-080-24W5/00	454222	6200456.5	454239	6200464.1	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/10-20-080-24W5/00	455208.9	6200519.6	455208.9	6200519.6	ABD OIL	Devon Cda Corp	penetrates Devonian
100/04-20-080-24W5/00	454453.4	6199654.9	454474.9	6199684.7	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/05-21-080-24W5/00	455978.1	6200005.3	455970	6200006.5	Susp OIL	Galleon Enrg Inc	penetrates Devonian
100/04-21-080-24W5/00	456158.9	6199851	456158.9	6199851	ABD OIL	Devon Cda Corp	penetrates Devonian
100/06-22-080-24W5/00	458236.6	6200252.2	458236.6	6200252.2	ABD OIL	Devon Cda Corp	penetrates Devonian
100/11-22-080-24W5/00	457961.1	6200694.6	457970	6200706.7	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/09-22-080-24W5/00	459090.8	6200487.8	459090.8	6200487.8	ABD Whipstock	Exxonmobil Cda Rsrcs Comp	penetrates Devonian
102/09-23-080-24W5/00	460683.6	6200717.9	460683.6	6200717.9	Susp OIL	Devon Cda Corp	penetrates Devonian
100/10-23-080-24W5/00	460037.4	6200405.5	460037.4	6200405.5	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/08-23-080-24W5/00	460425.4	6200279.5	460425.4	6200279.5	ABD Whipstock	Devon Cda Corp	penetrates Devonian
100/01-23-080-24W5/00	460420.6	6199756.4	460420.6	6199756.4	Drld & ABD	Exxonmobil Cda Rsrcs Comp	penetrates Devonian
100/05-24-080-24W5/00	462335.2	6200119.9	460843.7	6200129.9	ABD OIL	Penn West Petrl Ltd	penetrates Devonian
100/15-24-080-24W5/00	461670.3	6201069.6	461674.6	6201135.3	ABD Whipstock	Devon Cda Corp	penetrates Devonian
100/02-25-080-24W5/00	461672.7	6201554.9	461643.4	6201559.6	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
102/02-25-080-24W5/00	461734.3	6201246	461734.3	6201246	Susp OIL	Penn West Petrl Ltd	penetrates Devonian
100/04-25-080-24W5/00	461164.7	6201511.6	461164.7	6201511.6	ABD OIL	Devon Cda Corp	penetrates Devonian
102/16-25-080-24W5/00	462094.1	6202398.2	462094.1	6202398.2	ABD Zone	Devon Cda Corp	penetrates Devonian
100/08-25-080-24W5/00	462310	6201746.3	462310	6201746.3	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/09-25-080-24W5/00	462133.1	6202079.5	462133.1	6202079.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
103/16-26-080-24W5/00	460738.1	6202382.5	460789.9	6202385.4	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/04-26-080-24W5/00	459239	6201242.2	459189	6201232.6	ABD Reentry	Devon Cda Corp	penetrates Devonian
100/16-26-080-24W5/00	460403	6202400	460419.1	6202392.1	Drld & ABD	Exxonmobil Cda & Rsrcs	penetrates Devonian
100/15-27-080-24W5/00	458389.1	6202525.8	458406.2	6202558	Susp OIL	Spry Enrg Ltd	penetrates Devonian
100/10-27-080-24W5/00	458436	6202084.6	458441.6	6202083.4	ABD OIL Zone	Spry Enrg Ltd	penetrates Devonian
100/01-27-080-24W5/00	459021.1	6201508	459021.1	6201508	ABD WTR Injection	Devon Cda Corp	penetrates Devonian
100/07-27-080-24W5/00	458493.3	6201814.7	458486.4	6201804.8	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/13-32-080-24W5/00	454401.4	6204253.6	454401.4	6204253.6	Drld & ABD	Devon Cda Corp	penetrates Devonian

APPENDIX 2. PEACE SOUTH GEOSCOUT WELL COMPILATION

Well_ID_Long	Collar_x_n27_z11	Collar_y_n27_z11	Bottom_x_n27_z11	Bottom_y_n27_z11	Current_Status	Current_Operator	Devonian
100/16-33-080-24W5/00	457431.3	6204287.1	457431.3	6204287.1	ABD Reentered OIL	Husky Oil Oprtns Ltd	penetrates Devonian
100/03-35-080-24W5/00	459807.1	6202962.1	459805.8	6202958.7	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
102/13-35-080-24W5/00	459501.6	6204334	459299.3	6204382.6	ABD OIL Zone	Devon Cda Corp	penetrates Devonian
100/08-36-080-24W5/00	462075.9	6203599.3	462079.6	6203519.2	ABD OIL	Devon Cda Corp	penetrates Devonian
102/08-36-080-24W5/00	462389.2	6203380.7	462407.4	6203397.2	ABD OIL	Devon Cda Corp	penetrates Devonian
100/16-36-080-24W5/00	462083.4	6204024.5	462083.4	6204024.5	ABD OIL Zone	Penn West Petrl Ltd	penetrates Devonian
100/13-36-080-24W5/00	460897.6	6204070.7	460903.1	6204059.5	Drld & ABD	Devon Cda Corp	penetrates Devonian
100/14-36-080-24W5/00	461582.4	6204174.7	461582.4	6204174.7	Drld & ABD	Devon Cda Corp	penetrates Devonian

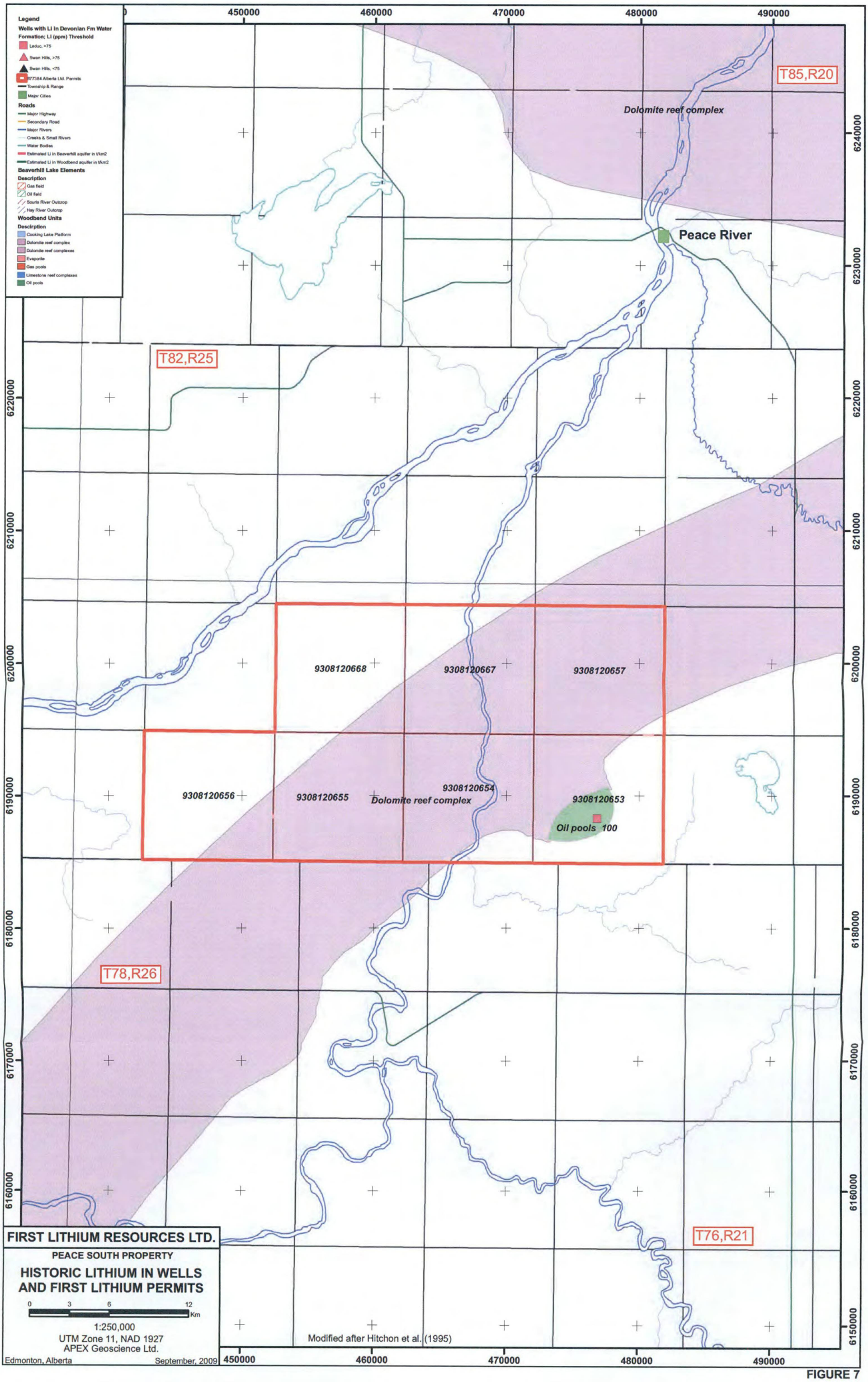
Legend
Wells with Li in Devonian Fm Water Formation; Li (ppm) Threshold
Leduc, >75
Swan Hills, >75
Swan Hills, <75
877384 Alberta Ltd. Permits
Township & Range
Major Cities
Roads
Major Highway
Secondary Road
Major Rivers
Creeks & Small Rivers
Water Bodies
Estimated Li in Beaverhill aquifer in t/km2
Estimated Li in Woodbend aquifer in t/km2
Beaverhill Lake Elements
Description
Gas field
Oil field
Souris River Outcrop
Hay River Outcrop
Woodbend Units
Description
Cooking Lake Platform
Dolomite reef complex
Dolomite reef complexes
Evaporite
Gas pools
Limestone reef complexes
Oil pools
450000
460000
470000
480000
490000
6240000
6230000
6220000
6210000
6200000
6190000
6180000
6170000
6160000
6150000
T85,R20
Dolomite reef complex
Peace River
T82,R25
9308120668
9308120667
9308120657
9308120656
9308120655
9308120654
Dolomite reef complex
9308120653
Oil pools 100
T78,R26
T76,R21
FIRST LITHIUM RESOURCES LTD.
PEACE SOUTH PROPERTY
HISTORIC LITHIUM IN WELLS AND FIRST LITHIUM PERMITS
0 3 6 12 Km
1:250,000
UTM Zone 11, NAD 1927
APEX Geoscience Ltd.
Edmonton, Alberta
September, 2009
Modified after Hitchon et al. (1995)

FIGURE 7

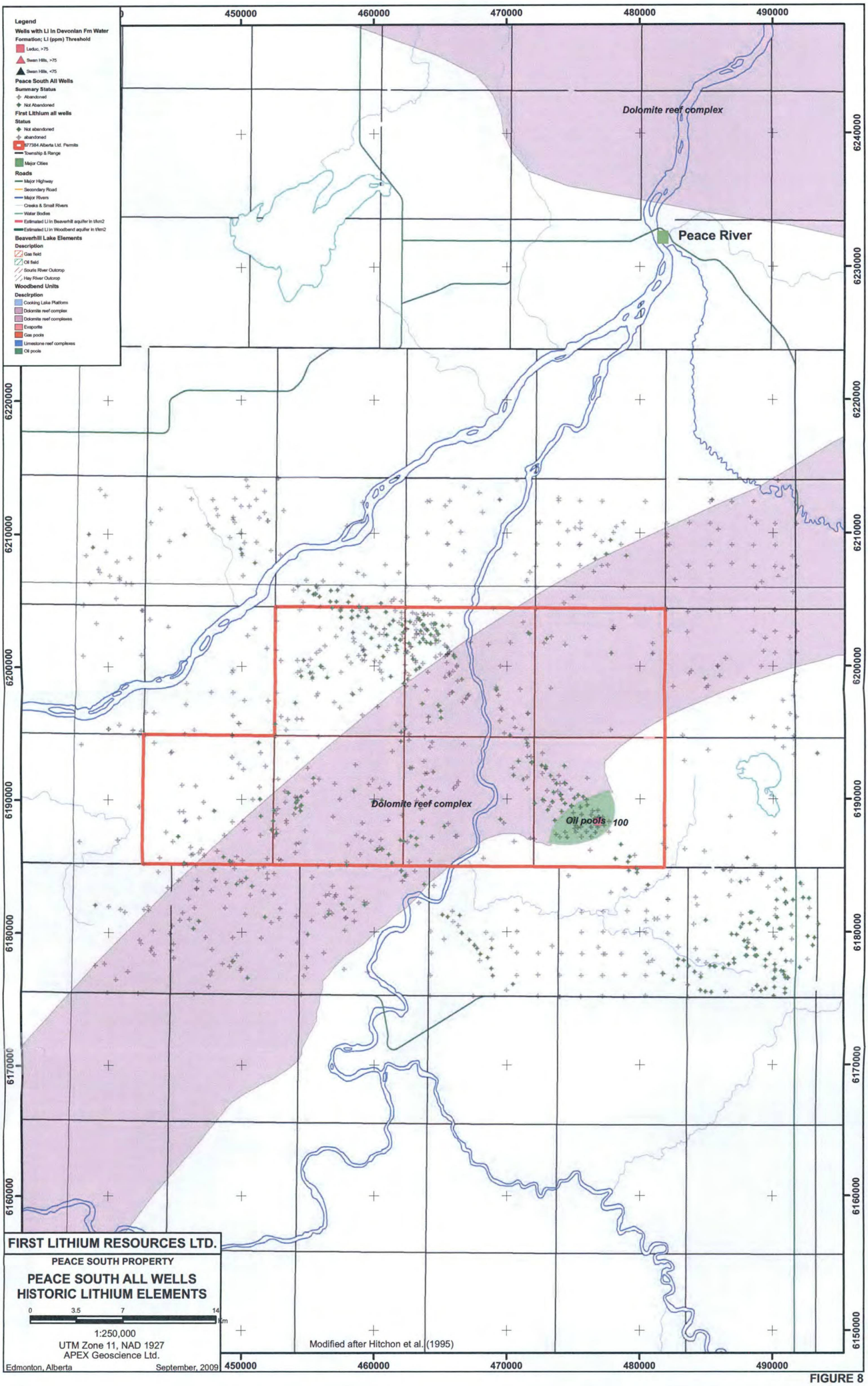
Legend
Wells with Li in Devonian Fm Water Formation; Li (ppm) Threshold
Leduc, >75
Swan Hills, >75
Swan Hills, <75
Peace South All Wells
Summary Status
Abandoned
Not Abandoned
First Lithium all wells
Status
Not abandoned
abandoned
877384 Alberta Ltd. Permits
Township & Range
Major Cities
Roads
Major Highway
Secondary Road
Major Rivers
Creeks & Small Rivers
Water Bodies
Estimated Li in Beaverhill aquifer in t/km2
Estimated Li in Woodbend aquifer in t/km2
Beaverhill Lake Elements
Description
Gas field
Oil field
Souris River Outcrop
Hay River Outcrop
Woodbend Units
Description
Cooking Lake Platform
Dolomite reef complex
Dolomite reef complexes
Evaporite
Gas pools
Limestone reef complexes
Oil pools
450000
460000
470000
480000
490000
6240000
6230000
6220000
6210000
6200000
6190000
6180000
6170000
6160000
6150000
Dolomite reef complex
Peace River
Dolomite reef complex
Oil pools 100
FIRST LITHIUM RESOURCES LTD.
PEACE SOUTH PROPERTY
PEACE SOUTH ALL WELLS
HISTORIC LITHIUM ELEMENTS
0 3.5 7 14 km
1:250,000
UTM Zone 11, NAD 1927
APEX Geoscience Ltd.
Edmonton, Alberta September, 2009
Modified after Hitchon et al. (1995)

FIGURE 8

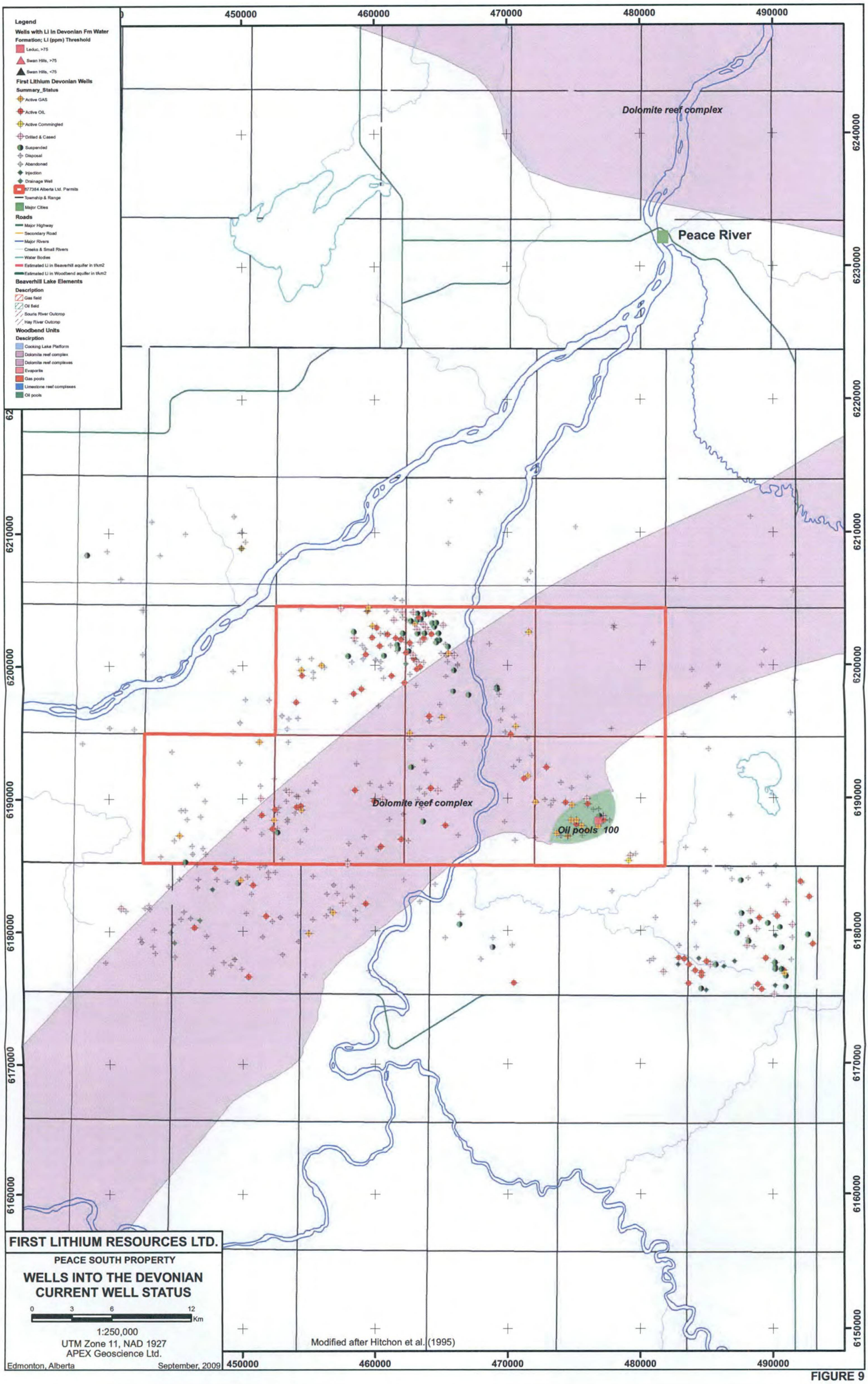
Legend
Wells with Li in Devonian Fm Water Formation; Li (ppm) Threshold
Leduc, >75
Swan Hills, >75
Swan Hills, <75
First Lithium Devonian Wells
Summary_Status
Active GAS
Active OIL
Active Commingled
Drilled & Cased
Suspended
Disposal
Abandonad
Injection
Drainage Well
877384 Alberta Ltd. Permits
Township & Range
Major Cities
Roads
Major Highway
Secondary Road
Major Rivers
Creeks & Small Rivers
Water Bodies
Estimated Li in Beaverhill aquifer in t/km2
Estimated Li in Woodbend aquifer in t/km2
Beaverhill Lake Elements
Description
Gas field
Oil field
Souris River Outcrop
Hay River Outcrop
Woodbend Units
Descirption
Cooking Lake Platform
Dolomite reef complex
Dolomite reef complexes
Evaporite
Gas pools
Limestone reef complexes
Oil pools
450000
460000
470000
480000
490000
6240000
6230000
6220000
6210000
6200000
6190000
6180000
6170000
6160000
6150000
Dolomite reef complex
Peace River
Dolomite reef complex
Oil pools 100
FIRST LITHIUM RESOURCES LTD.
PEACE SOUTH PROPERTY
WELLS INTO THE DEVONIAN
CURRENT WELL STATUS
0 3 6 12 Km
1:250,000
UTM Zone 11, NAD 1927
APEX Geoscience Ltd.
Edmonton, Alberta September, 2009
Modified after Hitchon et al. (1995)

FIGURE 9

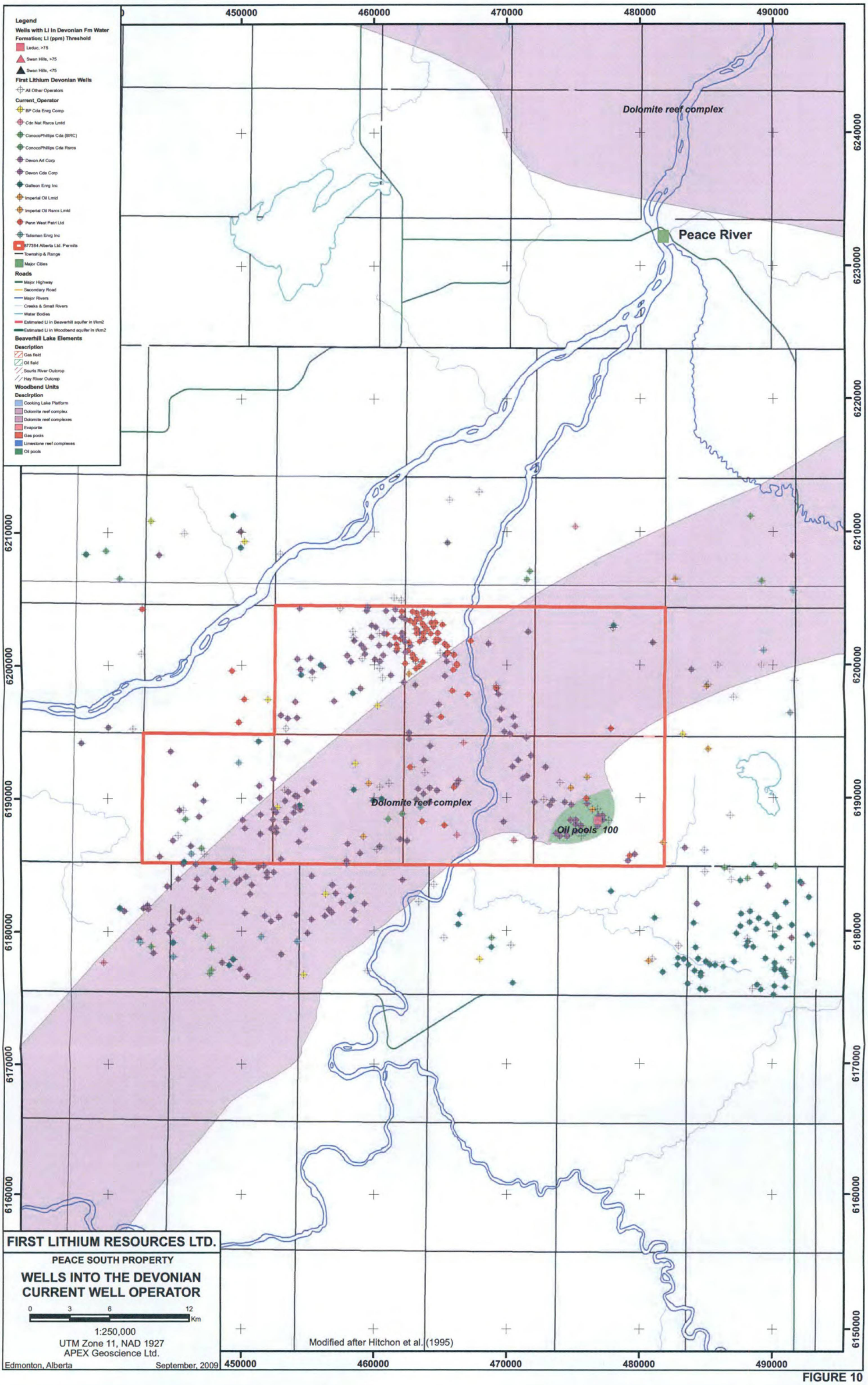
Legend
Wells with Li in Devonian Fm Water Formation; Li (ppm) Threshold
Leduc, >75
Swan Hills, >75
Swan Hills, <75
First Lithium Devonian Wells
All Other Operators
Current_Operator
BP Cda Enrg Comp
Cdn Nat Rsrcs Lmtd
ConocoPhillips Cda (BRC)
ConocoPhillips Cda Rsrcs
Devon Arl Corp
Devon Cda Corp
Galleon Enrg Inc
Imperial Oil Lmtd
Imperial Oil Rsrcs Lmtd
Penn West Petrl Ltd
Talisman Enrg Inc
877384 Alberta Ltd. Permits
Township & Range
Major Cities
Roads
Major Highway
Secondary Road
Major Rivers
Creeks & Small Rivers
Water Bodies
Estimated Li in Beaverhill aquifer in l/km2
Estimated Li in Woodbend aquifer in l/km2
Beaverhill Lake Elements
Description
Gas field
Oil field
Souris River Outcrop
Hay River Outcrop
Woodbend Units
Description
Cooking Lake Platform
Dolomite reef complex
Dolomite reef complexes
Evaporite
Gas pools
Limestone reef complexes
Oil pools
450000
460000
470000
480000
490000
6240000
6230000
6220000
6210000
6200000
6190000
6180000
6170000
6160000
6150000
Dolomite reef complex
Peace River
Dolomite reef complex
Oil pools 100
FIRST LITHIUM RESOURCES LTD.
PEACE SOUTH PROPERTY
WELLS INTO THE DEVONIAN
CURRENT WELL OPERATOR
0 3 6 12
Km
1:250,000
UTM Zone 11, NAD 1927
APEX Geoscience Ltd.
Edmonton, Alberta
September, 2009
Modified after Hitchon et al. (1995)

FIGURE 10

Appendix 3

APPENDIX 3. First Lithium Resources Inc.
Peace South Lithium Property - Exploration Expenditures 2009 - 2010 By Category

No.	ITEM			2009 Compilation	2010 Field Sampling & Met Work	TOTAL
1. First Lithium Detailed Costs - 2009 - 2010		**Days**	**Rate**			
	Office Costs; Compilation & Geological - APEX Geoscience Ltd	8	$500.00	$4,000.00		
	TOTAL FIRST LITHIUM 2009 - 2010 COSTS			**$4,000.00**	**$0.00**	**$4,000.00**
2. Allowable Administration Costs						
	10% Allowable Administration Cost			$400.00		
	TOTAL 2009-2010 VALLEYVIEW ASSESSMENT EXPENSE					**$4,400.00**