MAR 20090017: CARIBOU MOUNTAIN

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Fission Energy Corp

2008 EXPLORATION PROGRAM

on the

CARIBOU MOUNTAIN PROPERTY

Northern Alberta

PART B

METALLIC AND INDUSTRIAL MINERAL PERMIT NUMBERS

Permits
9307080571 to 9307080 602
and
9307080604 to 9307080 612

WORK PERIOD: July 3 to July 18, 2008

Authors: Ross E. McElroy, B.Sc., P.Geol.
J. Andrew Jeffrey, B.Sc.

14 August 2009

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Summary

This report was prepared to document the exploration program conducted on Fission Energy Corporation's Caribou Mountain Property. The Property, totalling 377,344 hectares in area, is located in northern Alberta. The permits fall within NTS areas 84J/10 to 12, 14 and 15, 84K/16, 84N/01 and 08, and 84O/2 to 5 and 12.

The exploration program consisted of a four-person stream water sampling and stream sediment sampling program, conducted between July 3 and July 18, 2008. Twenty-five water samples and 80 stream sediment samples were collected and sent to the Saskatchewan Research Council Geoanalytical Laboratory in Saskatoon for geochemical analysis.

Several areas of anomalous uranium and pathfinder-element geochemistry are discussed and suggested for further follow-up.

1. INTRODUCTION

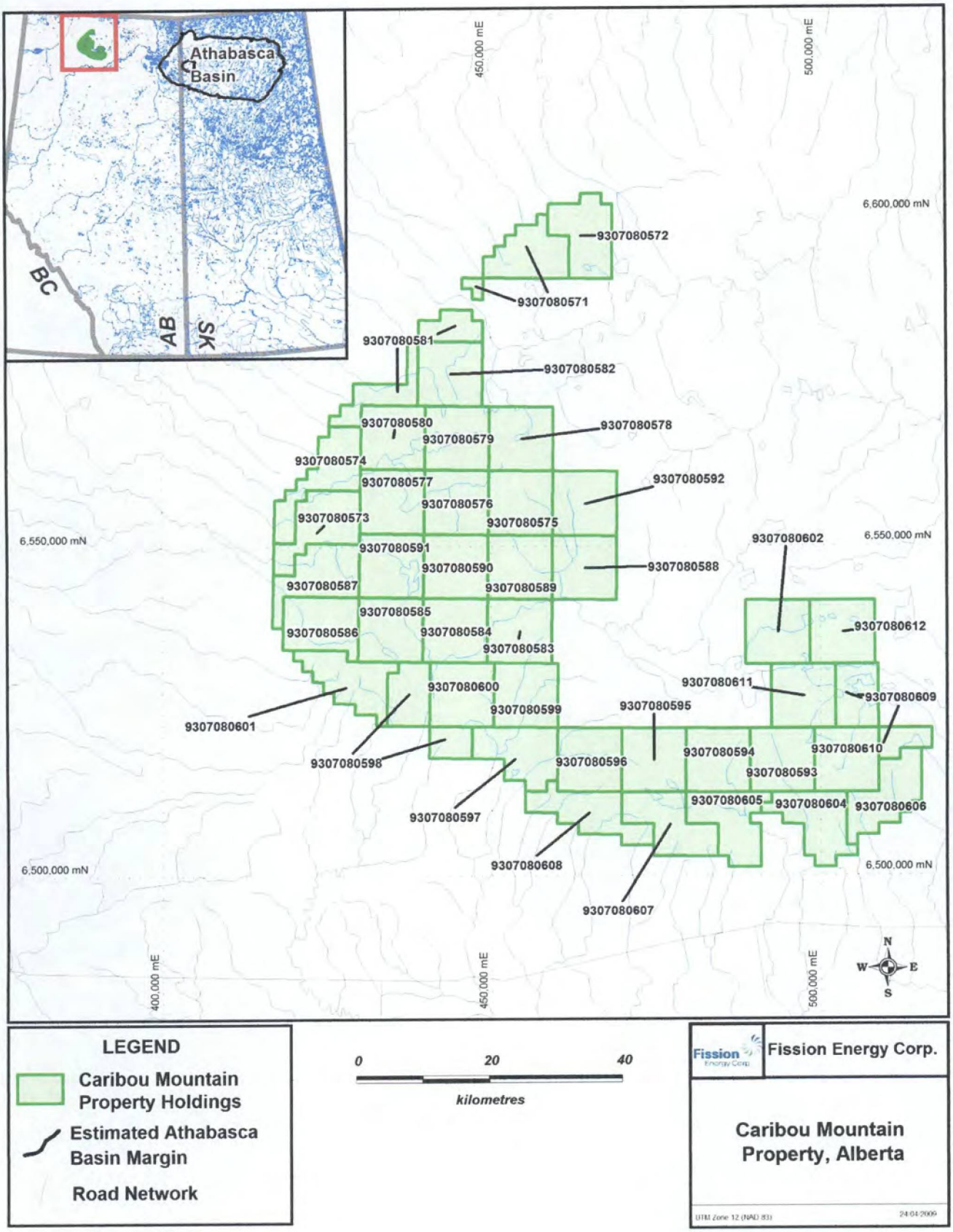
The purpose of this report is to describe the field programs undertaken on the Caribou Mountain Property, northern Alberta since the property was acquired in December 2007. The work described within this report includes a stream water sampling program and a stream sediment sampling program, conducted concurrently from July 3 to July 18, 2008.

2. PERMIT DESCRIPTIONS AND LOCATION

The Caribou Mountain Property is located in northern Alberta, and covers the southern and western portions of the Caribou Mountains, a topographic high located just south of the Alberta - Northwest Territories border. The Caribou Mountain Property comprises 41 Metallic and Industrial Minerals Permits totalling 377,344 hectares. It is situated approximately 50 km north of the community of Fort Vermillion, and about 600 km from Edmonton. The Property is located within National Topographic System (NTS) map areas 84J/10 to 12, 14 and 15, 84K/16, 84N/01 and 08, and 84O/2 to 5 and 12 (Figure 1 and Appendix A).

In late 2007 Fission Energy Corp. acquired the Caribou Mountain Property on the basis of the exploration potential for sandstone-hosted type uranium mineralization of the Dunvegan Formation.

FIGURE 1



LEGEND

- Caribou Mountain Property Holdings
- Estimated Athabasca Basin Margin
- Road Network

0 20 40

kilometres

Fission Energy Corp.

Caribou Mountain Property, Alberta

UTM Zone 12 (NAD 83) 24/04/2009

3. EXPLORATION HISTORY

During 1998 to 2000 Ashton Mining of Canada Ltd. flew a high-resolution aeromagnetic survey within the area, conducted regional stream sediment and till sampling for diamonds, however their exploration efforts largely took place to the east of the current property boundary with some overlap in the southern claims. Ashton drilled two magnetic anomalies located approximately 10 and 20 kilometres northwest of the Caribou Mountain Property, which intersected a 17 metre section of magnetic lithic conglomerate at a depth of 116 meters, and a magnetic oxidized till horizon at 15 meters, respectively (Skelton, 2000).

The Alberta Geological Survey conducted limited sampling that was concentrated in the Shaftesbury Formation and the stratigraphically underlying Loon River Shale. Elevated uranium levels were detected in these units in the vicinity of "bone beds", described as parallel- or cross-laminated, variably pebbly sandstone that contains abundant fish teeth, vertebrae, and scales (Dufresne, 2001).

4. GEOLOGY

4.1 Regional Geology

The Caribou Mountain Property covers the southern and western portions of the Caribou Mountain, a topographic high located just south of the Alberta - Northwest Territories border (Figure 2). This feature is underlain by Cretaceous sediments of the Shaftesbury Formation, the Dunvegan Formation, and the Smoky Group.

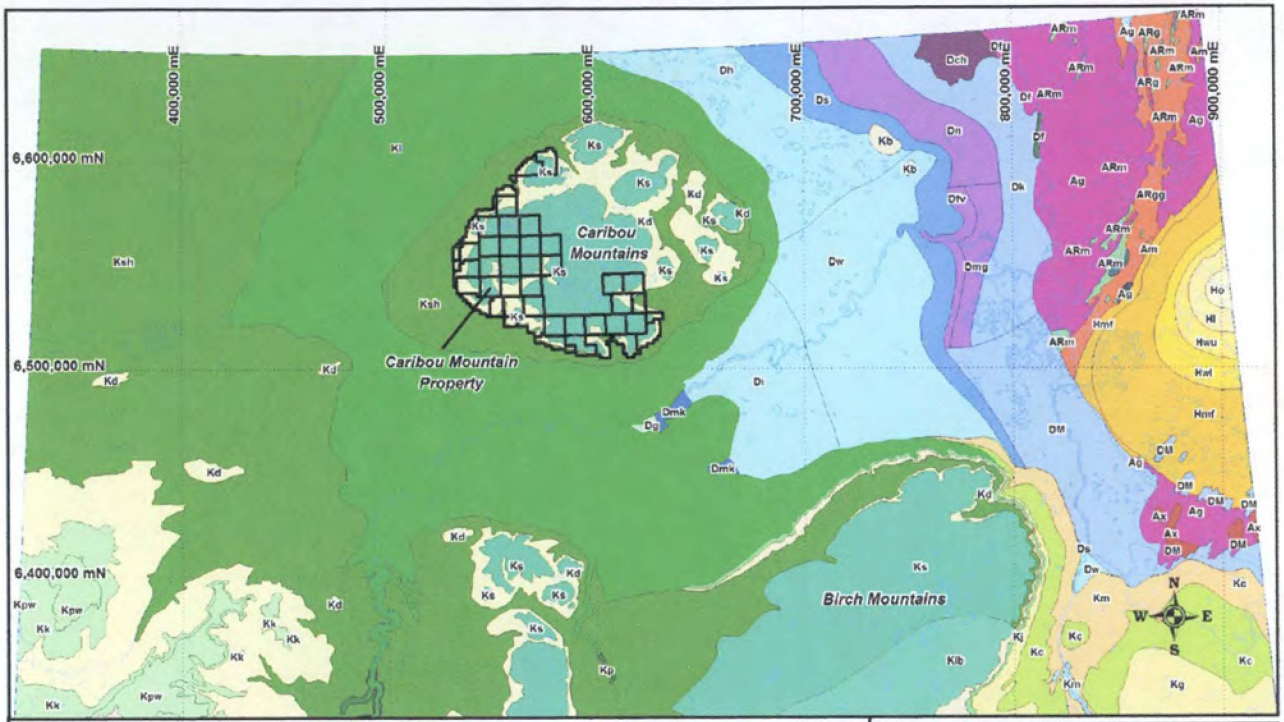
The Shaftesbury Formation is generally considered a marine shale, with bentonitic partings and a radioactive unit.

The overlying Dunvegan Formation is comprised of interbedded mudstone and fine-grained feldspathic sandstones, and in the area of the Cariboo Mountains includes outcrops with a basal conglomeratic unit.

Overlying the Dunvegan Formation, the Smoky Group is dominated by dark shales. This unit includes the Kaskapau Formation, whose contact with the overlying Dunvegan is gradational. Locally, the Dunvegan sandstones comprise a series of backstepping sandy units, which culminate in the highly radioactive shales of the Second White Specks Formation.

A further detailed description of regional lithologies is provided in Appendix B.

FIGURE 2



LEGEND

Age/Formation	Map Key
Upper Cretacious	
Wapiti Group	Kwt
Puskawaskau Fm.	Kpw
Labiche Fm.	Klb
Smoky Group	Ks
Kaskapau Fm.	Kk
Dunvegan Fm	Kd
Shaftesbury Fm.	Ksh
Lower Cretacious	
Peace River Fm.	Kp
Pelican Fm.	Kpl
Joli Fou Fm.	Kj
Loon River Fm.	Kl
Grand Rapids Fm.	Kg
Clearwater Fm.	Kc
McMurray Fm.	Km
Basal Cretacious	Kb

Age/Formation	Map Key
Upper Devonian	
Grosmont Fm.	Dg
Mikkwa Fm.	Dmk
Ireton Fm.	Di
Waterways Fm.	Dw
Hay River Fm.	Dh
Middle Devonian	
Slave Point Fm.	Ds
Fort Vermilion Fm.	Dfv
Muskeg Fm.	Dmg
Keg River Fm.	Dk
Chinchaga Fm.	Dch
Fitzgerald Fm.	Df
Nyarling Fm.	Dn
Middle Devonian	DM

Age/Formation	Map Key
Proterozoic	
Otherside Fm.	Ho
Locker Lake Fm.	Hl
Upper Wolverine Pt. Fm.	Hwu
Lower Wolverine Pt. Fm.	Hwl
Manitou Falls Fm.	Hmf
Granitoids	Ag
Recrystallized mylonitic rocks	Ax
Low grade metased rocks	Am
Archean	
Charles Lake Granitoids	ARg
High Grade metased rocks	ARm
Granite gneiss	ARgg

0 25 50 100
kilometres

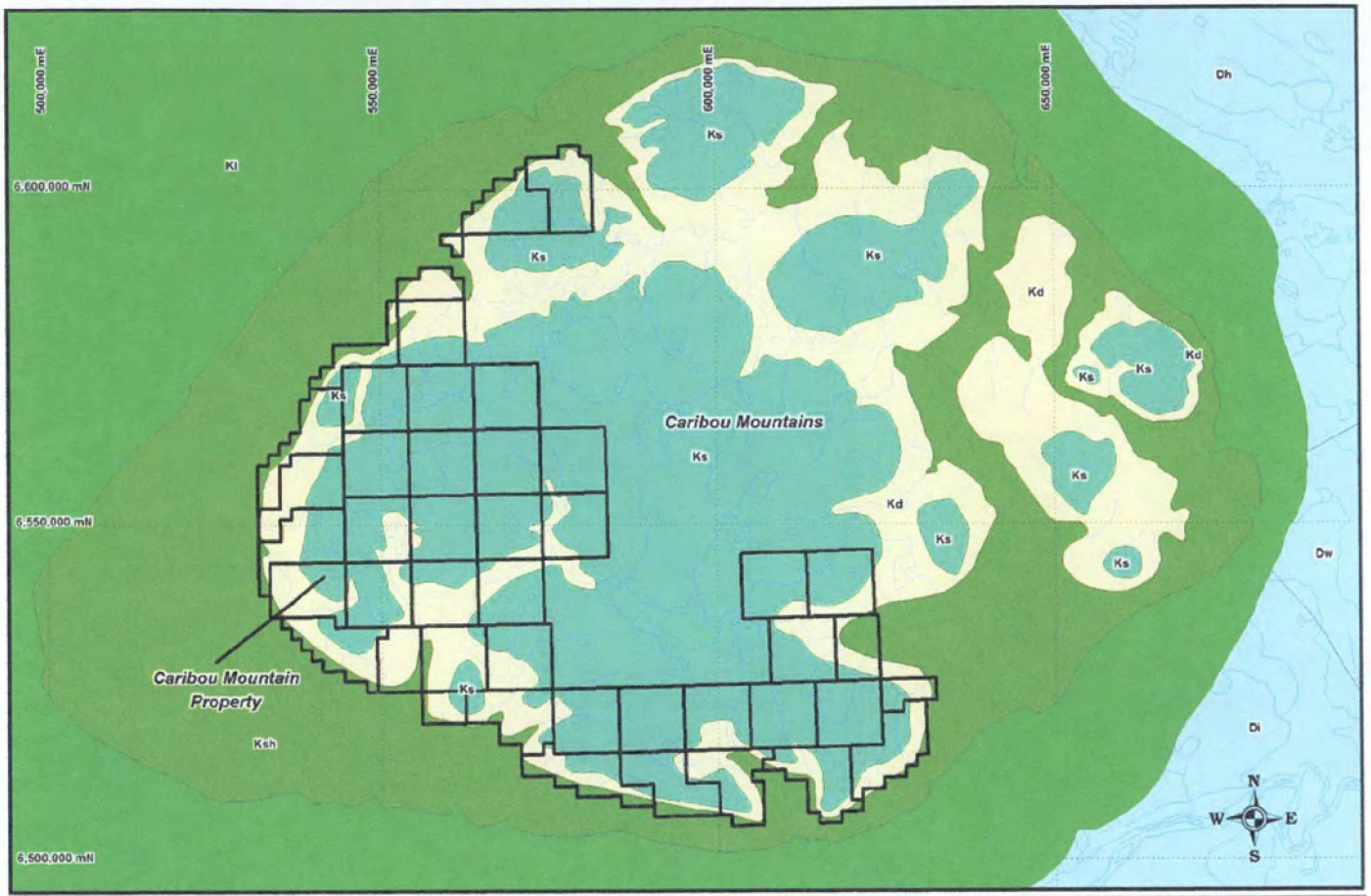
Fission Energy Corp.

Geology Map of Northern Alberta

NAD83 Zone11 29/7/2009

4.2 Property Geology

The Caribou Mountain Property encompasses several Cretaceous units including, in stratigraphic order, the Shaftesbury Formation, the Dunvegan Formation, and the Smoky Group (Figure 3). The Shaftesbury Formation and the Smoky Group are predominantly marine shale units deposited during global sea level high stand events. The Dunvegan Sandstone comprises marine and non-marine sandstones and shales deposited during major regressive episodes; it is a sedimentologically complex unit, consisting of 7 separate vertical facies successions and at least 19 individual facies.



LEGEND

Age/Formation	Map Key
Upper Cretacious	
Smoky Group	Ks
Dunvegan Fm	Kd
Shaftesbury Fm.	Ksh
Lower Cretacious	
Loon River Fm.	Kl
Upper Devonian	
Ireton Fm.	Di
Waterways Fm.	Dw
Hay River Fm.	Dh

Caribou Mountain Property

Water

0 10 20 40

kilometres

Fission Energy Corp.

Caribou Mountain Property Geology Map

NAD83 Zone11

29/7/2009

5. 2008 EXPLORATION PROGRAM

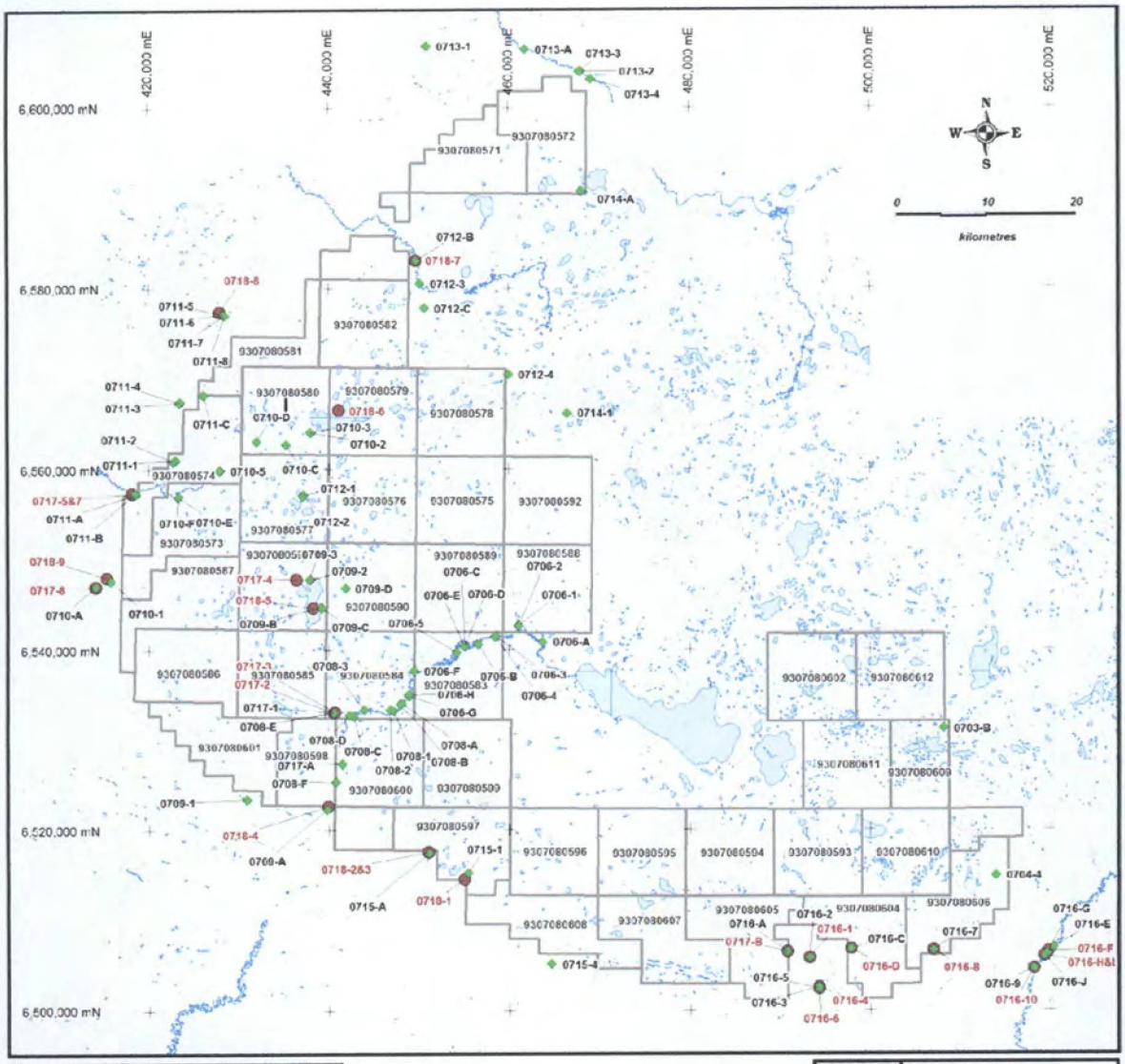
The 2008 exploration program on the Caribou Mountain Property was conducted from July 3 through July 18, 2008, and consisted of stream water and stream sediment sampling. The work was performed by Dahrouge Geological Consulting Ltd. (Edmonton) on behalf of Fission Energy Corp. Two teams of two members conducted the fieldwork, collecting 25 water samples and 80 sediment samples (Figure 4). Three of the water samples were duplicate samples and the results for these three duplicate samples are included within this report. In addition to these 25 water samples, four water samples were collected however no location information was retained and those four water samples are not included in the allocation of expenditure dollars toward the renewal of any Caribou Mountain MAIM permits.

The project was based in High Level, Alberta, approximately 80 kilometres southwest of the Property. Accommodations were provided by the Best Canadian Motor Inn. Personnel transport was provided by Delta Helicopters.

While the majority of samples were collected within the confines of the Caribou Mountain property, it was necessary to collect samples beyond the property boundaries. Due to the topography of the property, the topographically lower, off-property samples would help provide information as to the uranium mineralization potential of the property by obtaining samples downstream of the dense drainage patterns on the property.

All stream water and stream sediment samples were submitted for multi-element ICP-MS/ES analysis to the Saskatchewan Research Council Geoanalytical Laboratory, Saskatoon, an ISO/IEC17025:2005 accredited facility.

Fission Energy Corp. requested an interpretation of the stream water and stream sampling results be conducted by geochemical consultant S. Zastavnikovich, P. Geo. The detailed logistics and analytical report is provided in Appendix B.



LEGEND

- Caribou Mountain Property Holdings
- Stream Sample Location
- Water Sample Location

Fission Energy Corp.

Caribou Mountain Property Sample Location Map

NAD 83 Zone 12

FIGURE 4

6. CONCLUSIONS AND RECOMMENDATIONS

Distinctly anomalous uranium values are present in both stream water and stream sediment samples collected in 2008 from the Caribou Mountain Property, particularly from the largest streams in the southeastern and the westernmost claims areas.

In the southeast the uranium anomalies are sourced in the fish bone beds, while anomalous molybdenum and associated pathfinder values are sourced in the shale beds from the same area. In the west, residual stream sediment uranium anomalies are supported by anomalous lead and arsenic water sample values.

It is recommended that a comprehensive follow-up geochemical survey should be initiated, emphasizing drainage sediment sample quality and including lithochemical information based on selected sampling of mineralized and/or altered float and bedrock, where available.

Further possible follow-up may include an airborne geophysical survey in order to further elucidate structural features, and to provide information for any future drilling on the Caribou Mountain Property.

7. QUALIFICATIONS (page 1 of 2)

I, Ross E. McElroy, of 700 – 1620 Dickson Avenue, Kelowna, BC, V1Y 9Y2 do hereby certify that:

1. I am the President, Chief Operating Officer and Director of Fission Energy Corp.
2. I am a graduate of the University of Alberta with a BSc Degree Specialization in Geology (1987) and have practiced my profession continuously since 1987.
3. I am a Professional Geologist registered with APEGGA (Association of Professional Engineers, Geologists and Geophysicists), APEGS (Association of Professional Engineers and Geoscientists in Saskatchewan) and NAPEGG (Association of Professional Engineers, Geologists and Geophysicists of the NWT and Nunavut) and a 'Qualified Person' in relation to the subject matter of this report.
4. I have not received, nor do I expect to receive, any interest directly of indirectly, in the Caribou Mountain Property.
5. I currently have an interest in Fission Energy Corp in the form of securities.
6. I have not visited the property that is the subject of this report however the exploration work discussed in this report was performed under my direction and supervision.
7. I hereby consent to the use of this Report and my name in the preparation of a prospectus for the submission to any Provincial or Federal regulatory authority.

Dated this 14^{h} day of August 2009

Ross E. McElroy, B.Sc., P. Geol.
Kelowna, BC

7. QUALIFICATIONS (page 2 of 2)

I, J. Andrew Jeffrey of 7921 West Coast Road, Sooke, B.C. V9Z 0R5 do hereby certify that:

1. I am a graduate of Queen's University, Kingston, Ontario, with a B.Sc. in Geological Sciences, 1996.
2. I have been practicing my profession in Canada as a geologist since 1996.
3. I have no direct or indirect interest in the properties or securities of Fission Energy Corp. or its subsidiaries.
4. I have not visited the Caribou Mountain Property.
5. I am not aware of any material fact or material change with respect to the subject matter of this technical report which is not reflected in this report, of which the omission to disclose would make this report misleading.
6. I consent to the filing of the report by Fission Energy Corporation with any stock exchange and other regulatory body and any publication of the report by them for regulatory purposes.

Dated this 14^{h} day of August 2009

J. Andrew Jeffrey, B.Sc. (Geol)

8. REFERENCES

Dahrouge Geological Consulting Ltd., Edmonton, Alberta, 2008: Caribou Mountain 2008 Exploration Program, CM Summary of Work Conducted, internal document for Fission Energy Corp.

Dufresne, M.B., Eccles, D. R., and Leckie, D.A., 2001: The Geological and Geochemical Setting of the Mid-Cretaceous Shaftesbury Formation and Other Colorado Group Sedimentary Units in Northern Alberta, Special Report 09, Alberta Energy and Utilities Board, Alberta Geological Survey

Skelton, D., Bursey, T., 2000: Caribou Mountain (AL06) Property Assessment Report #20000009, Province of Alberta, Ashton Mining of Canada Inc.

APPENDIX A

Caribou Mountain Property Metallic & Industrial Minerals Permit Listing

CARIBOU MOUNTAIN PROPERTY

Metallic & Industrial Mineral Permits

As of 27July2009

PERMIT NOS.	Hectares	RECORD DATE	ANNIV DATE
9307080571	9,216.00	01-Aug-07	01-Aug-09
9307080572	9,216.00	01-Aug-07	01-Aug-09
9307080573	9,216.00	01-Aug-07	01-Aug-09
9307080574	9,216.00	01-Aug-07	01-Aug-09
9307080575	9,216.00	01-Aug-07	01-Aug-09
9307080576	9,216.00	01-Aug-07	01-Aug-09
9307080577	9,216.00	01-Aug-07	01-Aug-09
9307080578	9,216.00	01-Aug-07	01-Aug-09
9307080579	9,216.00	01-Aug-07	01-Aug-09
9307080580	9,216.00	01-Aug-07	01-Aug-09
9307080581	9,216.00	01-Aug-07	01-Aug-09
9307080582	9,216.00	01-Aug-07	01-Aug-09
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9307080611	9,216.00	01-Aug-07	01-Aug-09
9307080612	9,216.00	01-Aug-07	01-Aug-09
	377,344.00		

APPENDIX B

Geochemical Interpretation Report on the Caribou Mountains Project
2008 Stream Water and Sediment Sampling Survey,
S. Zastanikovich, P.Geo., 27 July 2009

GEOCHEMICAL INTERPRETATION REPORT
On The CARIBOU MOUNTAINS PROJECT
2008 STREAM WATER AND SEDIMENT SAMPLING SURVEY

Northern Alberta

NTS 84J10/11/12/14/14/15,
84K16, 84N01/08,
84O2/3/4/5/12

Lat. 59° 00' 00"N Long.116° 00' 00"W

For Owner/Operator
Fission Energy Corp.

Delta, B.C.
July 27, 2009

S. Zastavnikovich, P. Geo.
Geochemical Consultant

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Geochemical Interpretation Report on the 2008 Caribou Mountains Uranium Project Stream Water & Sediment Sampling Survey

INTRODUCTION

Based on the December 3rd, 2007 Fission Energy Corporation's property acquisition press release, Ref. 1, the Caribou Mountains Property comprises 41 Metallic and Industrial Minerals Permits totaling about 337,167 hectares (932,000 acres) located in north-central Alberta. It is situated about 50 km north of the community of Fort Vermillion, and about 750 km north of Edmonton.

PROPERTY LOCATION, PHYSIOGRAPHY AND GEOLOGY

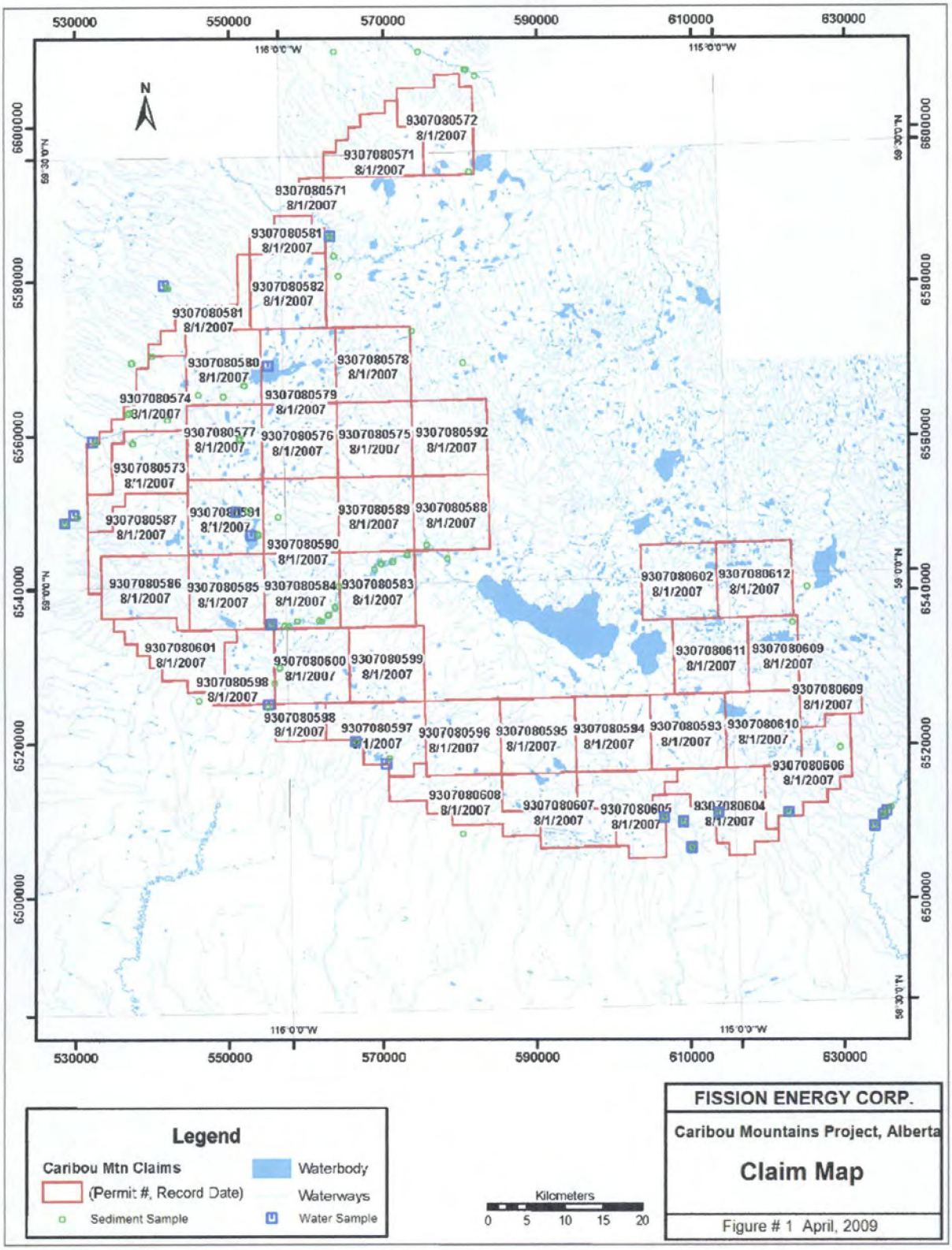
The Caribou Mountains ("CM") Property covers the southern and western portions of the Caribou Mountains, a topographic high located just south of the Alberta - Northwest Territories border. This feature is underlain by Cretaceous sediments of the Shaftsbury Formation, the Dunvegan Formation, and the Smoky Group. The Shaftsbury Formation is generally considered a marine shale, with bentonitic partings and a radioactive unit. The overlying Dunvegan Formation is comprised of interbedded mudstone and fine-grained feldspathic sandstones, and in the area of the Cariboo Mountains includes outcrops with a basal conglomeratic unit. Overlying the Dunvegan Formation, the Smoky Group is dominated by dark shales. This unit includes the Kaskapau Formation, whose contact with the overlying Dunvegan is gradational. Locally, the Dunvegan sandstones comprise a series of backstepping sandy units, which culminate in the highly radioactive shales of the Second White Specks. The Company believes the Dunvegan Formation is an excellent exploration target for sandstone-hosted type uranium mineralization.

The Alberta Geological Survey Special Report 09, Ref. 2, describes the lithological units of the Shaftesbury, Dunvegan, Kaskapau and Second White Specks Formations present on the Caribou Mountains ("CM") uranium property as quoted below:

The Caribou Mountains area is located north and northeast of Fort Vermillion. Fieldwork was confined to the slopes and river systems along the south side of the Caribou Mountains. Six study stations were located on the Ponton, Caribou and Lawrence Rivers and one station on the west central top of the Caribou Mountains (Figure 4). Highway 58 skirts the gently sloping southern edge of the Caribou Mountains, but does not intersect outcrop. Helicopter work is recommended in this area, as bedrock exposure was even difficult to pick on airphotos. By travelling along the Ponton, Caribou and Lawrence Rivers with a helicopter, we were able to find satisfactory bedrock exposures and document the Shaftesbury Formation.(Ref AGS).

Shaftesbury Formation

The Shaftesbury Formation marine shale succession underlies much of the lowlands adjacent to the Peace, Hay and Chinchaga Rivers in the west, and extends eastward around the lower slopes of the Caribou Mountains, Buffalo Head Hills and northern margin of the Birch Mountains. This Albian to middle(?) Turonian interval of the Colorado Group has been broken down into three mappable lithostratigraphic units including the Westgate Formation, the Fish Scales Formation and the Belle Fourche Formation.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9307080604
8/1/2007
Legend
Caribou Mtn Claims
(Permit #, Record Date)
Sediment Sample
Waterbody
Waterways
Water Sample
Kilometers
0 5 10 15 20
FISSION ENERGY CORP.
Caribou Mountains Project, Alberta
Claim Map
Figure # 1 April, 2009

Westgate Formation

The Westgate Formation is a wedge of non-calcareous mudstone to siltstone that thickens from approximately 20 m on the Saskatchewan - Manitoba border to 120 m in northwestern Alberta (Bloch et al., 1995). Largely heterolithic, the mudstone comprises finely-interbedded siltstone and claystone laminae. Laminated at the base, the Westgate Formation becomes increasingly bioturbated towards the top of the section and represents a major transgressive phase after the Viking sea-level low stand.

Fish Scales Formation

The newly defined Fish Scales Formation includes strata previously assigned to the zones referred to as Base of Fish Scales, Fish Scales Marker Bed, Fish Scale Sandstone and Fish Scales Zone (Leckie et al., 1992; Bloch et al., 1993). The Fish Scales Formation is a finely-laminated, noncalcareous claystone to mudstone generally less than 20 m in thickness. Fish remains and algal cysts are abundant and bioturbation is sparse to nonexistent. The boundary between the Westgate and the Fish Scales formations is marked by a thin, parallel or cross-laminated sandstone or pebble layer with abundant fish teeth, vertebrae and scales known as the bone bed (Leckie and Singh, 1991; Leckie et al., 1992; Bloch et al., 1993, 1995). Leckie (1988) report that a 20 to 30 cm thick, wave-rippled layer of fish teeth, fish bones and pebbles, 3 to 5 cm above the base of the Fish Scales Formation can be traced along the banks of the Peace River for at least 75 km. The Fish Scales Formation is generally thought to be the result of an anoxic event (poor oxygen levels in seawater) at the Albian-Cenomanian boundary across most of Alberta and over large portions of western North America.

Belle Fourche Formation

The Belle Fourche Formation is a westward-thickening wedge of non-calcareous to slightlycalcareous mudstone and siltstone (Bloch et al., 1993). The Belle Fourche contact with the Fish Scales Formation is gradational and commonly contains numerous thin bentonite layers. Bottom oxygen levels changed from anoxic at Fish Scales time to dysoxic at Belle Fourche time (Leckie et al., 1992).

Dunvegan Formation

The Dunvegan Formation is exposed in the Peace River, Buffalo Head Hills, Caribou Mountains and the northern margin of the Birch Mountains. The middle Cenomanian (lowermost Upper Cretaceous) Dunvegan Formation is a lithostratigraphically defined unit that comprises an extensive, southeasterly thinning, sandy clastic wedge confined to northwestern Alberta, northeastern British Columbia, and extending as far north as the Northwest Territories. Comprised of interbedded marine to nonmarine sandstones and shales the Dunvegan Formation can not be characterized simply as a single delta. Battacharya and Walker (1991a) interpreted the Dunvegan Formation as a stacked series of different types of depositional systems documenting 19 facies that were grouped into 7 commonly occurring, vertical facies successions. These prograded to the southeast, with shorelines trending approximately northeast-southwest. This progradation is thought to be driven, in part, by a thirdorder eustatic lowstand of sea level (Battacharya and Walker, 1991b). Both the upper and lower boundaries of the Dunvegan Formation with the Kaskapau Formation and the Shaftesbury Formation are best described as interfingering and highly diachronous..

Kaskapau Formation

The Cenomanian–Turonian Kaskapau Formation contains a series of five northeast-trending,shingled (back stepping), shallow-marine sandstone bodies encased in marine mudstone (Wallace-Dudley and Leckie, 1993). The Kaskapau Formation is about 150 m thick in the southwest corner of northern Alberta, thinning to less than 61 m in the northeast. In west-central Alberta, Stott (1967) assigned to the Kaskapau Formation the Sunkay Member (including the Doe Creek, Pouce Coupe, and Howard Creek sandstones), Vimy Member (including Tuskoola and Wartenbe sandstones), Haven Member, and Opabin Member (all names traditionally used for theheterogeneous lithology of the Blackstone Formation of the Foothills). Locally, the Kaskapaucomprises a sequence of dark grey to black mudstone with rusty weathering sideritic concretions intercalated between the predominant sandstone of the Dunvegan and Bad Heart Formations.

Second White Specks Formation

The Second White Specks Formation is a basin wide marker named from early drillers' reports of abundant white specks in the shale, now known to be sand-sized fecal pellets comprising coccoliths and coccospheres, concentrated by currents. The Early to early Middle Turonian aged formation iscomprised of a calcareous claystone to siltstone and is approximately 90 m thick in the Peace River Arch area and thins to about 25 m at the Saskatchewan - Manitoba border. It appears to correspond to a global anoxic event and maximum sea-level rise that occurred at the end of the Cenomanian (Kauffman, 1977).

PROPERTY HISTORY

There has been little known historic exploration of the CM uranium property. During 1998 to 2000 Ashton Mining of Canada Ltd. flew a high-resolution aeromagnetic survey within the area, conducted regional stream sediment and till sampling for diamonds, and diamond drilled two magnetic anomalies located some 10 and 20 km. northwest of Fission's northernmost CM uranium permits, which intersected a 17 metre section of magnetic lithic conglomerate at a depth of 116 metres, and a magnetic oxidized till horizon at 15 metres, respectively, Ref. 3, which also describes the surficial geology:

SURFICIAL GEOLOGY

Most of the project area is blanketed in morainal surficial material deposited during the Laurentide glaciation. The morainal material consists mostly of compact clay rich basal till and, to a lesser extent, sandy melt-out till. Glaciolacustrine silts and clays are often present as a veneer overlying the tills. Thick sequences of glaciolacustrine sediments occur in low-lying terrain and are extensive to the far north, and southwest, off of the plateau.

Ice Direction

Few definitive ice direction indicators were noted in the project area. However, elongate ridges were observed in the lowlands off of the plateau and a few drumlinoid features were noted on the plateau. Ice direction is mapped as southeast on the central portion of the property on top of the plateau, and as southwest on the northwestern portion of the property, off of the plateau. On and near the flanks of the plateau, in the northwest, ice direction is poorly established and may either be southeast or southwest.

SAMPLING PROGRAM LOGISTICS

Some 29 water and 81 stream sediment samples were collected last year over Fission's Caribou Mountains Project uranium permits by the staff of Dahrouge Geological Consulting Ltd. of Edmonton, whose brief summary of the geochemical sampling program is quoted below, Fig.s 1, 2, Ref.4:

Project Personnel: Gabe Kassos (project manager), Olivia Buchan, Chelsea Leslie, Shauna Coombs
Timeframe: July 03 to July 18, 2008
Property History: The bulk of previous work has focused on diamond exploration. Ashton Mining Co. performed this work between 1998 and 2000. Their exploration efforts largely took place to the east of the current property boundary with some overlap in the southern permits. Unfortunately, geophysical assessments were not conducted within the current property extent. The Alberta Geological Survey conducted limited sampling that was concentrated in the Shaftesbury Formation and the stratigraphically underlying Loon River Shale. Elevated uranium levels were detected in these units in the vicinity of "bone beds", described as parallel- or cross-laminated, variably pebbly sandstone that contains abundant fish teeth, vertebrae, and scales. The current property comprises 45 permits.
Property Geology: This property encompasses several Cretaceous units including, in stratigraphic order, the Shaftesbury Formation, the Dunvegan Formation, and the Smoky Group. The Shaftesbury Fm and the Smoky Gp are predominantly marine shale units deposited during global sea level high stand events. The Dunvegan Sandstone comprises marine and non-marine sandstones and shales deposited during major regressive episodes. It is a sedimentologically complex unit, consisting of 7 separate vertical facies successions and at least 19 individual facies.
Scope of Work: Two teams, with 2 members each, conducted fieldwork. Over the 15-day field project, 57.9 man-days were spend on the project area. Outcrop prospecting proved to be difficult due to the large amount of tree/soil cover and swampy nature of the project, despite the hilly topography. In total, 76 stream sediment samples and 22 water samples were collected over the project area.
Logistics: This project was based in High Level, AB, ~80 km southwest of the study area. The Best Canadian Motor Inn provided accommodations (10109 – 96 St., High Level, AB, T0H 1Z0, 780-926-2272). Delta Helicopters, based in High Level, provided personnel transport. Samples were sent to the Saskatchewan Research Council Geoanalytical Laboratory in Saskatoon for geochemical analysis.

SAMPLE PREPARATION, ANALYSIS and QA/QC

Both stream water and sediment samples were submitted by Dahrouge Geological Consulting personnel to the ISO-accredited SRC Lab in Saskatoon for multi-element ICP-MS/ES analyses, as listed in the analytical results, geochemical Appendix I.

Three field duplicates were included with the water samples, while repeat analysis of every 20th sediment sample and inclusion of lab standards in every batch of 25 samples were provided for analytical quality control. In one water sample highly anomalous lead and cadmium values were not duplicated, otherwise both water and sediments provided uniform field duplicate analyses.

GEOCHEMISTRY

Complete 2008 analytical results and methodology for the 29 (including 3 field duplicates) water and 81 stream sediment samples collected on the Caribou Mountains permits are presented in Appendix I, and for uranium, inscribed on Anomaly Maps 1-4, Fig.s 3-6, overleaf and back of the report. For water samples, all Be, Sb, Tl analytical values are at or below the detection limit, similarly for sediments, all Ge, Hg, Sb, Sn, Ta, Tb, W values are < d.l.

Correlation Tables 1 and 2 compare the strongest pathfinder elements for uranium in stream water and sediment samples respectively, while Frequency Graphs 1 and 2 illustrate uranium and pathfinder trace element values log-normal distribution and their anomalous inflection intervals for stream sediments.

Pathfinder and major elements anomaly Map, Fig. 6, and Correlation Table 2 illustrate the general influence of the major elements (Al, Fe) geochemistry on the amplitude of the uranium pathfinder trace elements (B, Zn for example) values in the collected Caribou Mountains property stream sediment samples, and the need to utilize major elements ratios to help isolate the residual pathfinder trace element anomalous values.

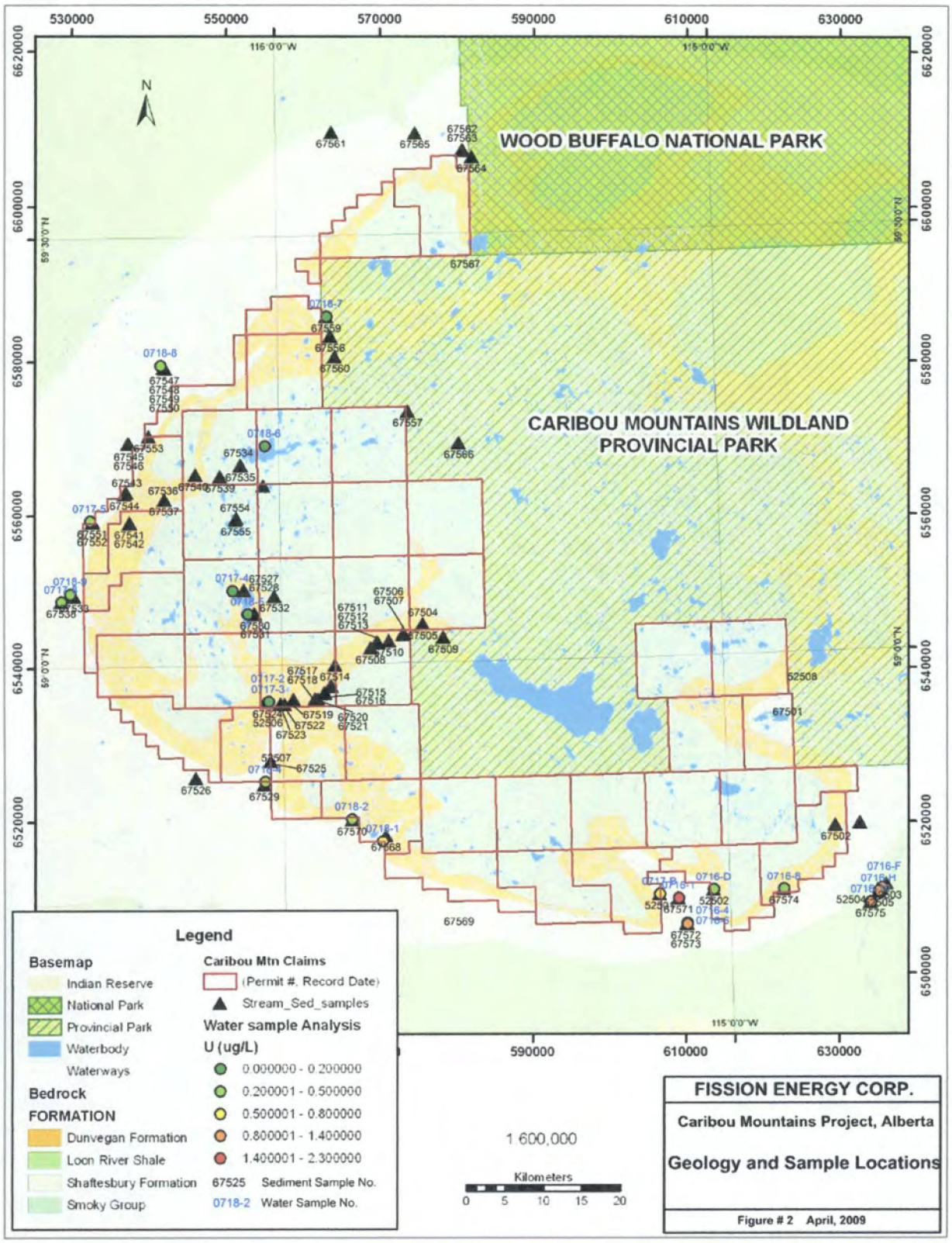
As no outcrop or float rock samples were collected on the CM uranium permits during the Dahrouge 2008 geochemical water and stream sediment sampling survey, the bedrock sampling analytical results obtained by the Alberta Geological Survey in the area are extensively quoted below from the Special Report 09, Ref. 2, and summarized by the writer in order to enhance interpretation of the Dahrouge drainage sampling results.

Lithochemistry

The Caribou Mountains AGS sample locations map, below, indicates the six sites where 30 bedrock samples of various dark shale to sandstone beds, fish bone beds, bentonite and concretions were collected in the Shaftesbury Formation, and 4 grey shale samples from the overlying White Specks Formation at site 95SH057, which provide the lithochemical information for the CM uranium property, as quoted and discussed below:

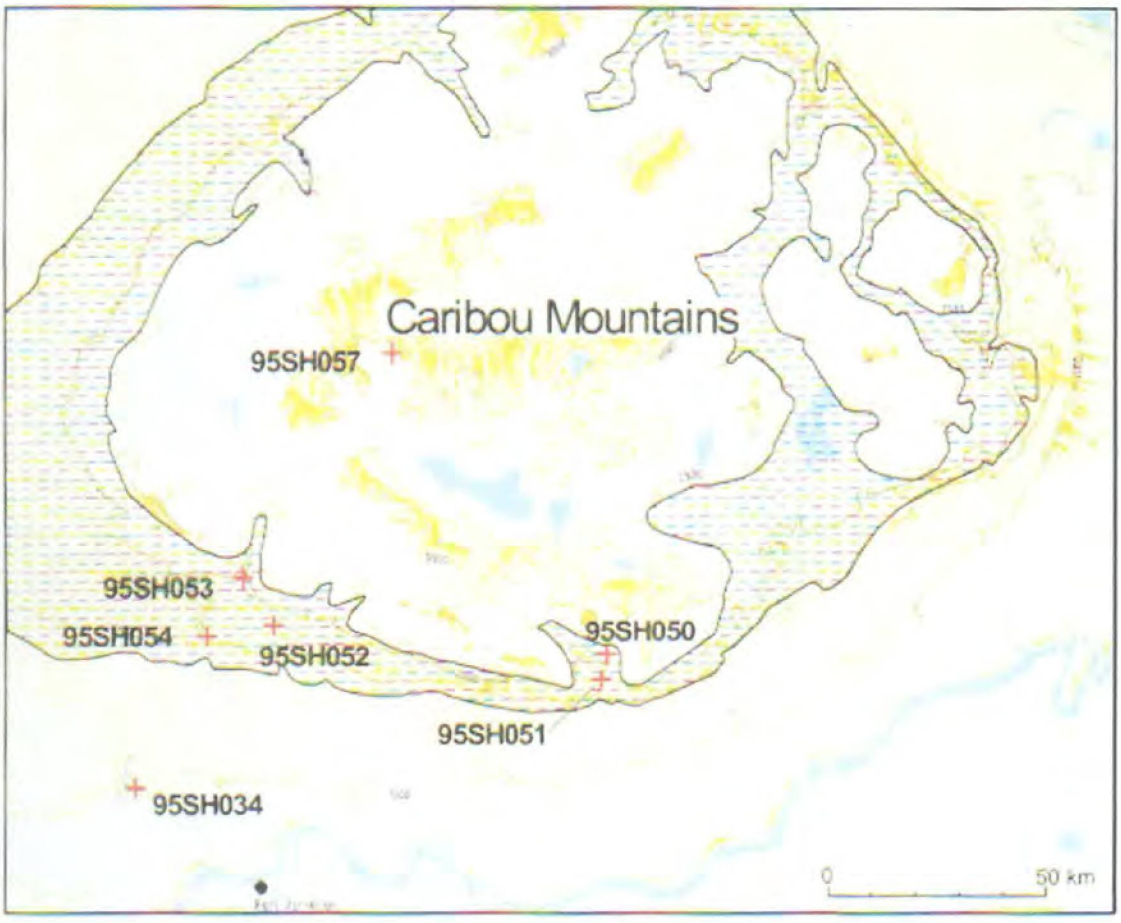
Sulphide Distribution

Sulphides, dominantly pyrite (and/or marcasite), were observed in both shale and sandstone, and in concretionary units belonging to all formation types. The Fish Scales, Second White Specks and Dunvegan formations contained the highest concentrations of pyrite (and/or marcasite) in bedrock sections documented in the current study. A large volume of sulphide rods and balls are usually recovered from the creeks draining the Shaftesbury and Second White Specks shales. Hereafter where pyrite is referred to as the dominant sulphide it may also mean pyrite and/or marcasite. Pyrite is reported to be a minor accessory but is commonly associated with organic-rich laminations and occurs as framboids, zoned aggregates, and as pseudomorphs of feldspars and micas in the Fish Scales Formation (Bloch et al., 1993) within the Shaftesbury Formation. However, no anomalous concentrations of pyrite were observed in any of the outcrops of the Fish


WOOD BUFFALO NATIONAL PARK
CARIBOU MOUNTAINS WILDLAND PROVINCIAL PARK
N
530000
550000
570000
590000
610000
630000
6620000
6600000
6580000
6560000
6540000
6520000
6500000
116°0'0"W
115°0'0"W
59°30'0"N
59°0'0"N
Legend
Basemap
Indian Reserve
National Park
Provincial Park
Waterbody
Waterways
Bedrock
FORMATION
Dunvegan Formation
Loon River Shale
Shaftesbury Formation
Smoky Group
Caribou Mtn Claims
(Permit #, Record Date)
Stream_Sed_samples
Water sample Analysis
U (ug/L)
0.000000 - 0.200000
0.200001 - 0.500000
0.500001 - 0.800000
0.800001 - 1.400000
1.400001 - 2.300000
67525 Sediment Sample No.
0718-2 Water Sample No.
1:600,000
Kilometers
0 5 10 15 20
FISSION ENERGY CORP.
Caribou Mountains Project, Alberta
Geology and Sample Locations
Figure # 2 April, 2009

Scales Formation that were examined during this study with the exception of increased pyrite in association with increased numbers of bentonites in the Buffalo Head Hills and the Caribou Mountains. Typically the increased concentrations of pyrite were found at the contacts of the bentonites and within the bentonite horizons. In the Second White Specks Formation, pyrite (and, possibly, marcasite and/or greigite) occurs almost exclusively as disseminated framboids. The pyrite may also occur as replacement of organic material such as fish scales, teeth and bones....

Rusty weathering concretions are located throughout northern Alberta and occur in both shale and sandstone units. Again, a distinction can be made between the Shaftesbury and Second White Specks formations. While the carbonate concretions in the Westgate, Fish Scales and Belle Fourche formations are dominantly siderite; concretions in the Second White Specks Formation are cemented by calcite. This may be caused by the effects of early diagenesis in the basin, which is dominated by sulphate reduction and methanogenetic processes resulting in the formation of pyrite, carbonate concretions and some clay mineral neoformation, primarily kaolinite.



Sampling and stratigraphic mapping locations in the Caribou Mountains area (Study Area No. 3). Stations are plotted on the Alberta relief map (contour interval 305 m). The dashed hatching represents the Shaftesbury Formation.

5.0 OBSERVATIONS BASED UPON GEOCHEMICAL RESULTS

Shales

Observable geological changes in the amount of organic material, sulphide content, volume of bentonitic material in lenses or layers, and the degree of bioturbation are reflected in differences in geochemistry of each of the different shale units sampled. For instance, Fish Scales Formation shales appear to exhibit increased concentrations of metals locally, in some cases approaching the concentrations yielded by shales of the Second White Specks Formation (Tables 3 to 5; Appendix 6). The differences in trace metal concentrations of the Fish Scales Formation from one area to another generally parallel observable geological differences. For instance, the Fish Scales Formation shale in the Caribou Mountains area contains a greater number of bentonite seams and is more carbonaceous and sulphidic than Fish Scales Formation shale in either the Peace River area or the Birch Mountains. Concentrations of As, Cu, Zn, Ni, Cd, Fe, Mn, U, Th and TOC were highest in Fish Scale Formation shale samples collected from the Buffalo Head Hills and Caribou Mountains area (Table 5; Appendix 6). While concentrations of Au, Ag, Mo, V, Cr, Ba, K, Sr and Rb were greatest in the Peace River area (Table 5; Appendix 6). Samples collected from Fish Scales Formation shale in the Peace River, Buffalo Head Hills and Caribou Mountains areas yielded far greater concentrations of most metals than samples collected from Fish Scales Formation shale in the Birch Mountains ...

Calcium

There are few noticeable positive correlation patterns between Ca and other metals in the shales. However, it is apparent that Second White Specks shales contain significantly greater concentrations of Ca in comparison to any other shales sampled to date (Appendices 4 to 6). In addition, Second White Specks shales display a weak positive correlation between increasing Ca and increasing levels of Sb, Ag, As, Zn, Co, Ni, Mo, U and a few REE's. A weak negative correlation is visible between Ca and Cu, Pb, Cr, Al, and Ti. Although in general there is a poor correlation between increasing metals and increasing concentrations of Ca in Second White Specks shales, some of the higher concentrations of certain metals, including Au, Sb, Ag, As, Cu, Zn, Cd, Co, Ni, V, Sr, Se, U and some REE's are from samples of Second White Specks shales that yielded at least moderate levels of Ca.

Conglomerates, Sandstones and Siltstones

The conglomerates, sandstones and siltstones yield the lowest concentrations of trace and major metals of all the units sampled in this study with the exception of the Badheart Formation oolitic sandstones (Figure 17; Appendices 4 and 6). A couple of major element differences exist between different formations. For example, the Paddy/Pelican and Cadotte formation sandstones yield the lowest concentrations (<3 wt%) of Al (Appendix 6). The Dunvegan Formation sandstones yield intermediate Al concentrations of about 4 to 6 wt%. The Notikiwin Formation sandstones yield the highest overall Al concentrations ranging from about 5.5 wt% up to about 8.5 wt%. Siltstones and sandstones obtained from either the base of the Fish Scale Formation or the top of the Belle Fourche Formation within the Shaftesbury Formation yield a wide range of Al concentrations from just over 2 wt% to about 7 wt% (Appendix 6). The Al content of all of these units likely represents the amount of clay contained within the clastic unit. In some cases, the Al may reflect the amount of feldspar contained within some of the units.

7.0 CONCLUSIONS

In general, all of the mid-Cretaceous bone beds sampled in northern Alberta yielded highly elevated concentrations of Ca, Sr and P relative to the enclosing shaley sediments. In general, the Fish Scale bone beds (all areas) yield higher concentrations of Zn, Mo, Cr, Ba, Br, Rb, Al, Na, Sr, U, Th, Ce, Cs, La, Sm, Sc, Tb, Yb, and TOC relative to Second White Specks bone beds (Birch Mountains area). Second White Specks bone beds tend to have higher HI and OI values relative to Fish Scale bone beds.

With the exception of V, Sr and a few REE's, metal concentrations in the Second White Specks and the Shaftesbury bone beds show a very poor correlation with TOC and a weak to moderate positive correlation with Al. Most metals in the bone beds exhibit the strongest positive correlation with S, Fe and P. While the bone beds are rich in bones and other fish debris, few metals display a positive correlation with increasing concentrations of P. Hence, it is unclear whether the metals bear any relationship to the amount of P in the samples. The trace metals display their best positive correlation with increasing concentrations of S. This indicates that the organic debris (as indicated by TOC) or clay (as indicated by Al) are not likely responsible for concentrations of trace metals but that they are likely related to the amount of sulphide developed in these units and, therefore, the fluids that were responsible for the development of the sulphides in these units.

Metal concentrations associated with the carbonate concretions and layers are generally lower than the metal concentrations found in the high carbon shales or the bone beds. The highest concentrations of metals including As, Sb, Mo, Cu, Zn, Cd, V, S and Br were found in carbonate concretions in the Second White Specks Formation or the Loon River Formation. The carbonate concretions and layers tend to yield the highest metal concentrations at low to moderate concentrations of Ca and elevated total iron in most of the formations sampled.

With a few exceptions, most bentonites yield lower trace metals than the enclosing shale. Arsenic and antimony are the only elements that have comparable and, in some cases, higher concentrations in the bentonites versus the enclosing shale.

The Shaftesbury Formation and, in particular, the Fish Scale Formation, show a noticeable increase in the number and volume of bentonitic horizons in conjunction with bone bed horizons moving north from the Peace River area to the Buffalo Head Hills and then to the Caribou Mountains. The number of bentonites, the thickness, the stratigraphic position and variability and, in some cases, the mineralogy provides strong physical evidence of local volcanism in the Shaftesbury Formation in northern Alberta.

The lithochemical results for the above quoted Caribou Mountains rock samples, Appendix 4 in Ref. 2, indicate that by far the highest uranium values, ranging 76 – 129 ppm U, come from the Fish Scale bone beds at site 95SH050. The next highest U values of 15 and 29 ppm U are present in the shale beds from the same sampling site, which also contains bentonites with second highest thorium values of 30 and 37 ppm Th, while the highest Th value of 63 ppm Th is present in the underlying Loon River shale at site 95SH034.

Correlation tables constructed by the writer indicate that the highly anomalous U values present in the bone beds strongly correlate with equally anomalous Zn, Cd, Ba, Sr, Ca, P, Sc, Y, La, and REE

values at the 0.9 -1.0 level, while the anomalous Th values are best correlated with anomalous Yb, Na, Br, W, Sc, Hf, and Ag values at the 0.8 – 0.6 level.

Stream Water Anomalies

Of the 29 stream water samples analyzed, three (# 30006, 12, 20) are field duplicates of #s 30005, 11, 19 respectively, and four samples, #s 30002, 15-17, were collected beyond the western permits periphery and are not included on the sample location map overleaf, Fig. 2a. No physical parameters such as the pH, conductivity, temperature, etc., were taken of the stream water in the field at the time of sampling.

Correlation Table 1 indicates strong correlation of stream water uranium values with boron, barium and strontium values in the 0.7-0.8 range, and to a lesser extent, at the 0.5 level with manganese. Although calcium and magnesium were not analyzed for directly, the strongly correlated Sr values are most likely associated with carbonate minerals and elevated pH levels, which would enhance the solubility of uranium.

Water samples uranium Anomaly Map, Fig. 3, overleaf, indicates all the anomalous uranium values above the 0.7 ppb U level to be present where sampled in the southeastern corner of the project area, which also includes the single #30001 sample strongly anomalous with 0.10 ppm Sn, 0.014 ppm Mo, tin and molybdenum values. This area coincides with the above-discussed 95SH050 lithochemical U anomaly sourced in the fish bone beds, while the shale beds at the site are anomalous in Mo. The AGS rock samples were not analyzed for boron or tin.

Anomalous to strongly anomalous silver values of 0.002 and 0.005 ppm Ag in samples #30005 and 29999 respectively, and strongly anomalous boron values ranging up to 0.12 ppm B in sample #30004, illustrated on the Anomaly Map, Fig. 3, may indicate structures and alteration respectively present within the anomalous shale beds containing the anomalous Sn, Mo values described above.

As illustrated on the water Anomaly Map, Fig. 3, for arsenic and lead, and indicated by the Correlation Table 1, the southern to southwestern sampled sectors of the project area are dominated by occasional weakly anomalous base metals stream water geochemistry associated with anomalous major elements values, such as 4 ppm As, 0.006 ppm Cu, with 0.7 ppm Al, 0.10 ppm Mn, 6.3 ppm Fe present in sample #30018, which likely indicate major structures containing secondary Fe-Mn oxides and abundant clay minerals. A similar, more strongly anomalous base metals zone is indicated to the west in sample #30021, with 3 ppm As, 0.008 ppm Cu, 0.20 ppm Zn, and lesser Al, Fe, Mn values. The anomalous 0.003 ppm Cd, 0.0004 ppm Pb in the westernmost water sample #30026 may be associated with the anomalous uranium values in the upstream sediments described below for that region. The duplicate water sample #30020 contains highly anomalous 0.0007 Cd and 0.0007 Pb, but neither the strong cadmium nor lead value is present in the original sample 30019.

No water samples were taken in the northernmost CM uranium project area.

Fig. 2a: Water Samples Location Map

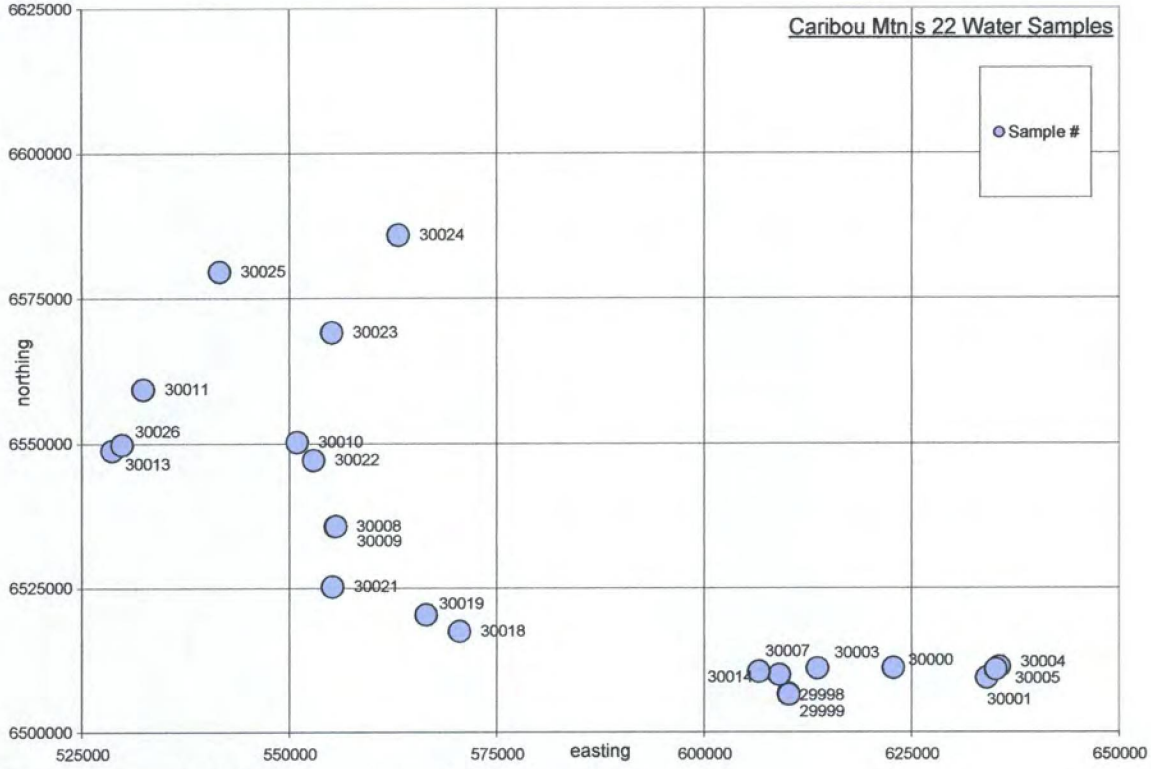
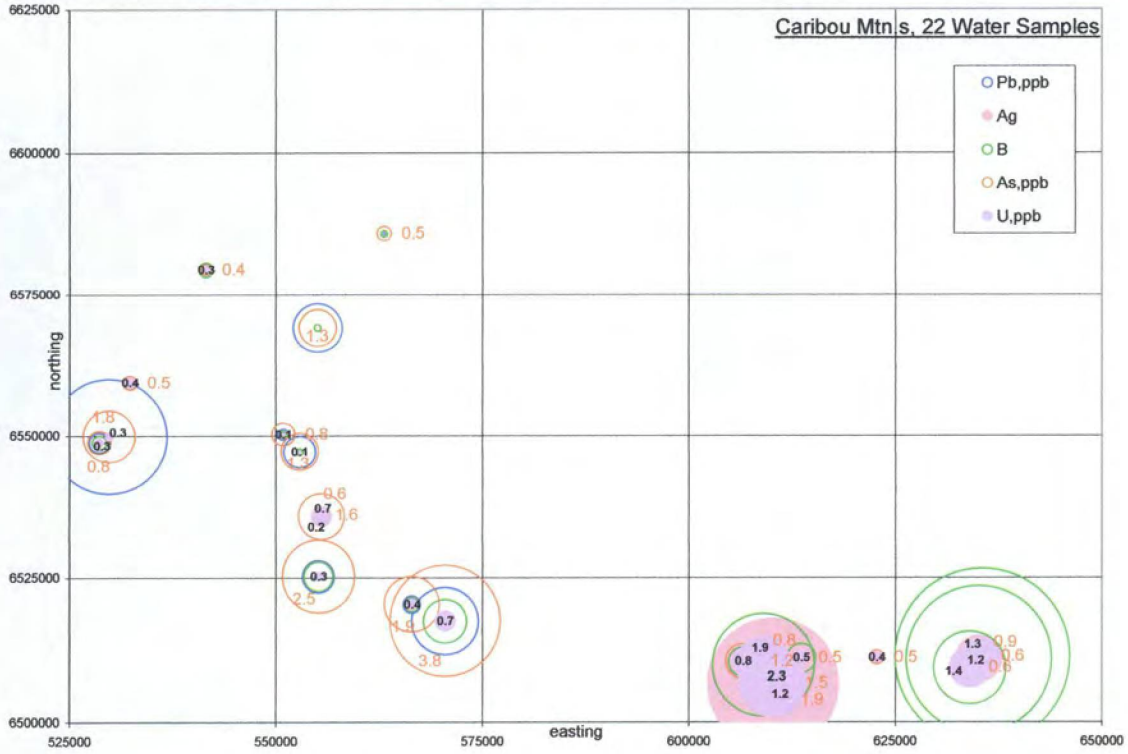


Figure 3: Water U, Ag, As, B, Pb Anomaly Map



Stream Sediment Anomalies

As labeled in the analytical results, Appendix I, the 81 stream sediment samples collected were analyzed by partial and total digestion ICP analysis for 16 (plus boron) and 46 elements respectively, nine of which, Ag,Co,Cu,Mo,Ni,Pb,U,V,Zn were analyzed by both methods.

Correlation Table 2 indicates that, for all trace elements, their stream sediment values are strongly to moderately influenced by the various major elements geochemistry. Thus for Ag, Mo, Cr, the only positive, though weak, correlation is with sodium, while the carbonates Ca, Mg, Sr, only correlate strongly with each other. All other trace elements, including uranium, the base metals and rare earths, correlate most strongly with iron and aluminum, indicating their principal occurrence in the secondary iron oxides and in clay minerals. The analytical results for stream sediments, Appendix I, as well as the pathfinder and major elements anomaly Map, Fig. 6, and Correlation Table 2 illustrate the general influence of the major elements (Al, Fe) geochemistry on the uranium pathfinder trace element values. Thus the highest boron and zinc values of up to 100 ppm B and Zn are directly associated with the highest aluminum and iron values of up to 16% Al and 5.3% Fe.

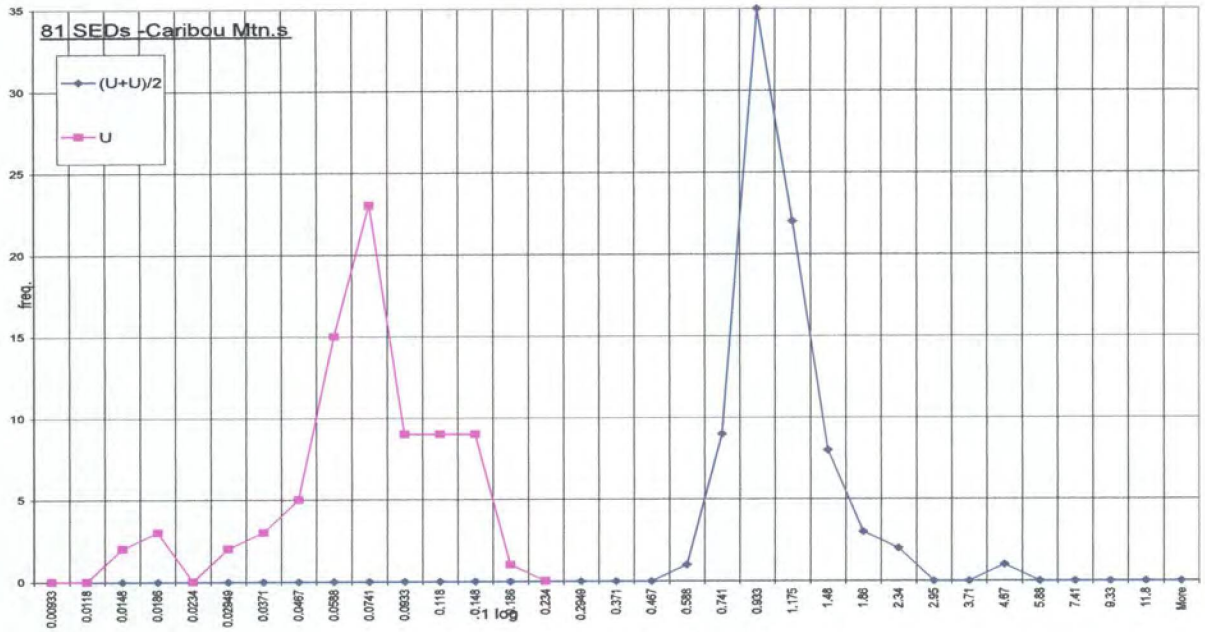
The log-normal distribution Frequency Graph 1, overleaf, for partial U and partial + total U average values, indicates that all partial U values >1.0 ppm are distinctly anomalous, and similarly for the average of the sum of partial+total U >1.5 ppm. Frequency Graph 2 indicates that, among the selected elements, many, such as vanadium, exhibit bi-modal distribution, which will need to be related to field observations.

Uranium and silver stream sediment Anomaly Map, Fig. 4, indicates that while anomalous partial uranium values are present in all project sectors where the larger streams were sampled, the strongest uranium and silver values of up to 1.8 ppm U and 1.9 ppm U, supported by highly anomalous partial+total Ag, are present in the southeastern and the westernmost project areas respectively, coincident with the Ag-B-U water anomaly in the southeast, and upstream of the Pb-As water anomaly in the west discussed above.

Because partial uranium and nickel values correlate moderately well at 0.6, and the highest nickel values are correlated even more strongly to the major elements Al, Fe, P, than the uranium, their U/Ni ratio, illustrated in Anomaly Map, Fig. 5, indicates that the strongest residual uranium anomalies are present in the westernmost sector of the project area.

Stream sediment Anomaly Map, Fig. 6, for As, Mo, Pb, U total, and Al, Fe, indicates that the strongest major element geochemistry, and associated elevated trace element values, occur where the largest streams were sampled throughout the project area, thus a geochemical follow-up survey will require systematic sample distribution, as well as notation on glaciation features, plus float and bedrock sampling, to help separate detrital and hydromorphic trace element anomalies in the project area.

Frequency Graph 1: 81 Sed.s Uranium partial and total values distribution



Frequency Graph 2: 81 Sed.s As, Ba, Cr, Pb, Sr, V, Fe values distribution

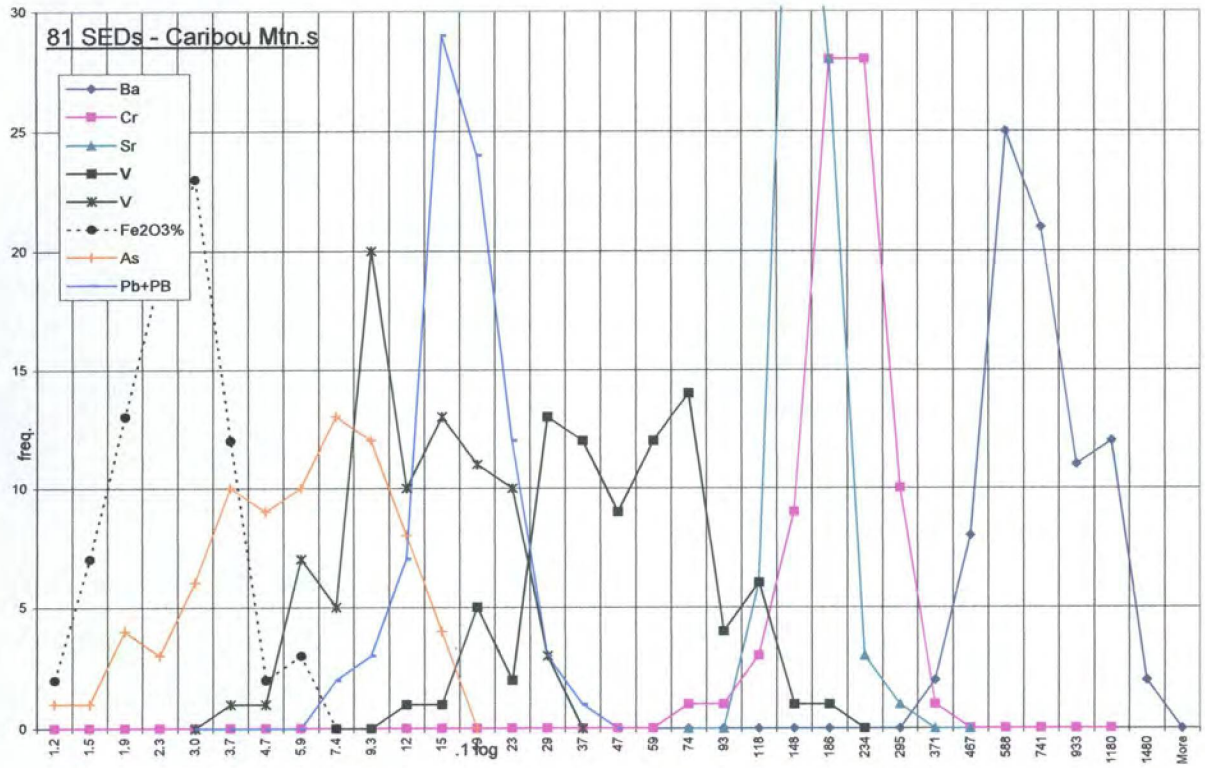


Figure 4: Sediment Uranium and Silver Anomaly Map

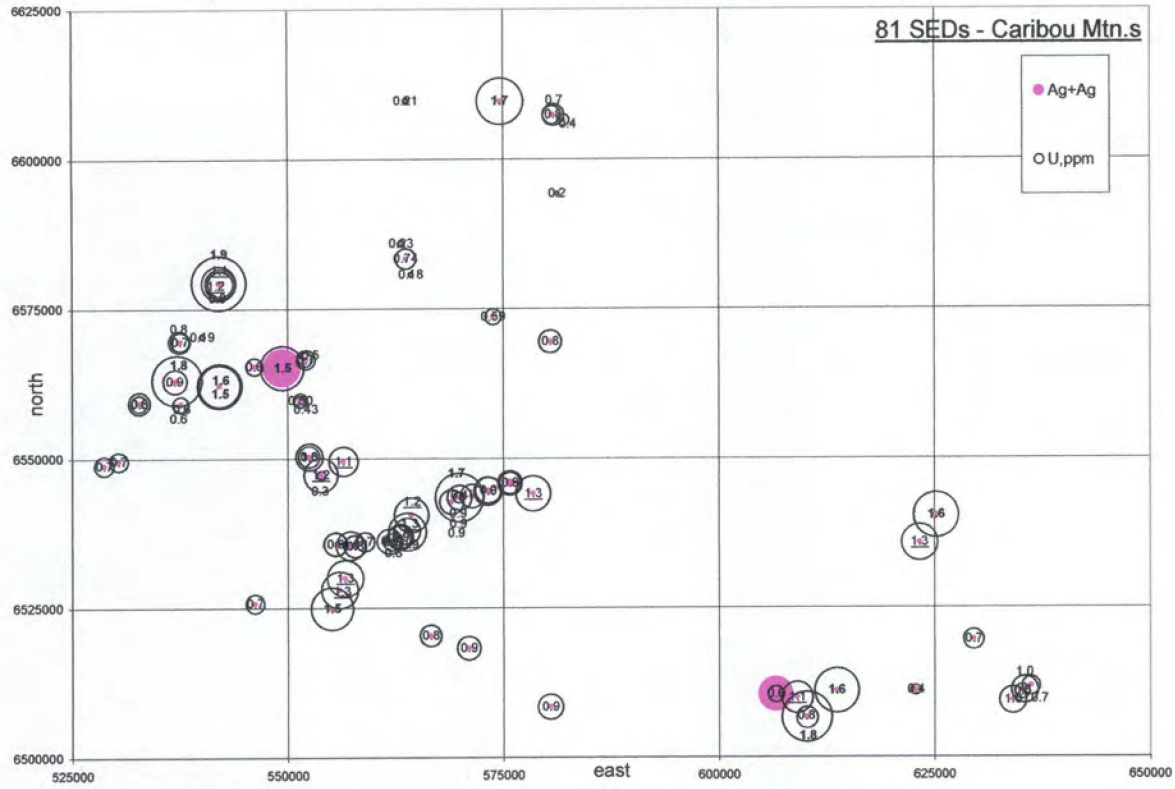
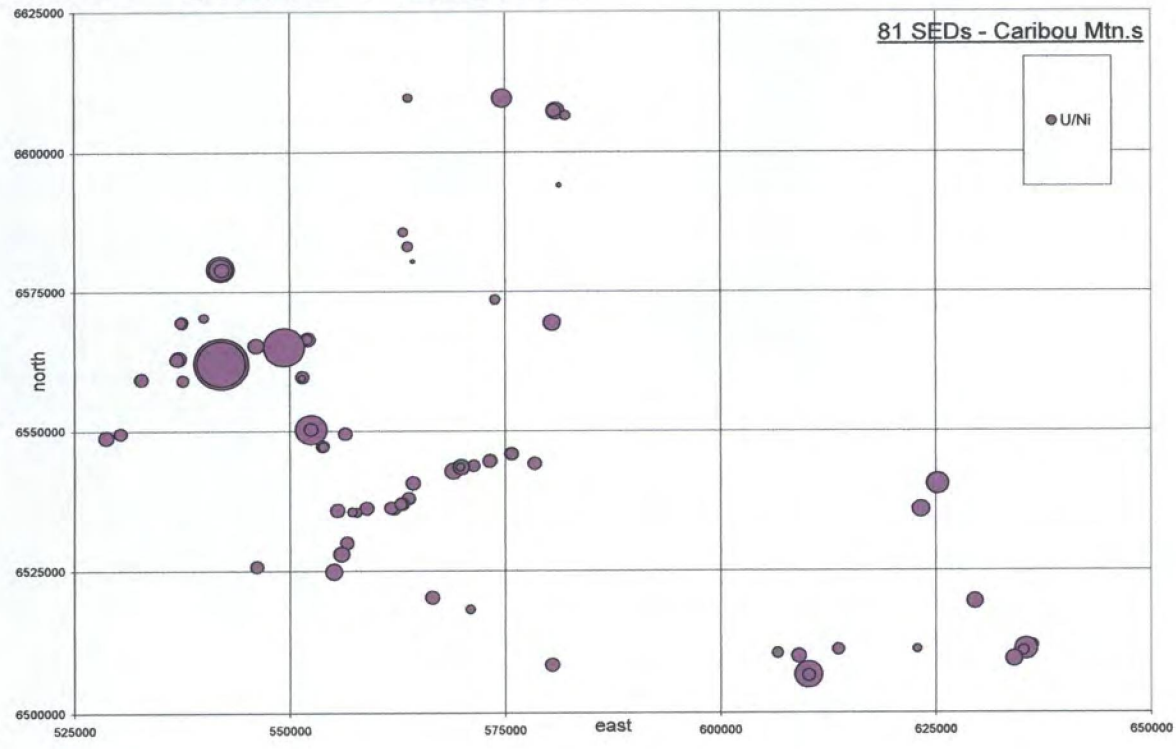


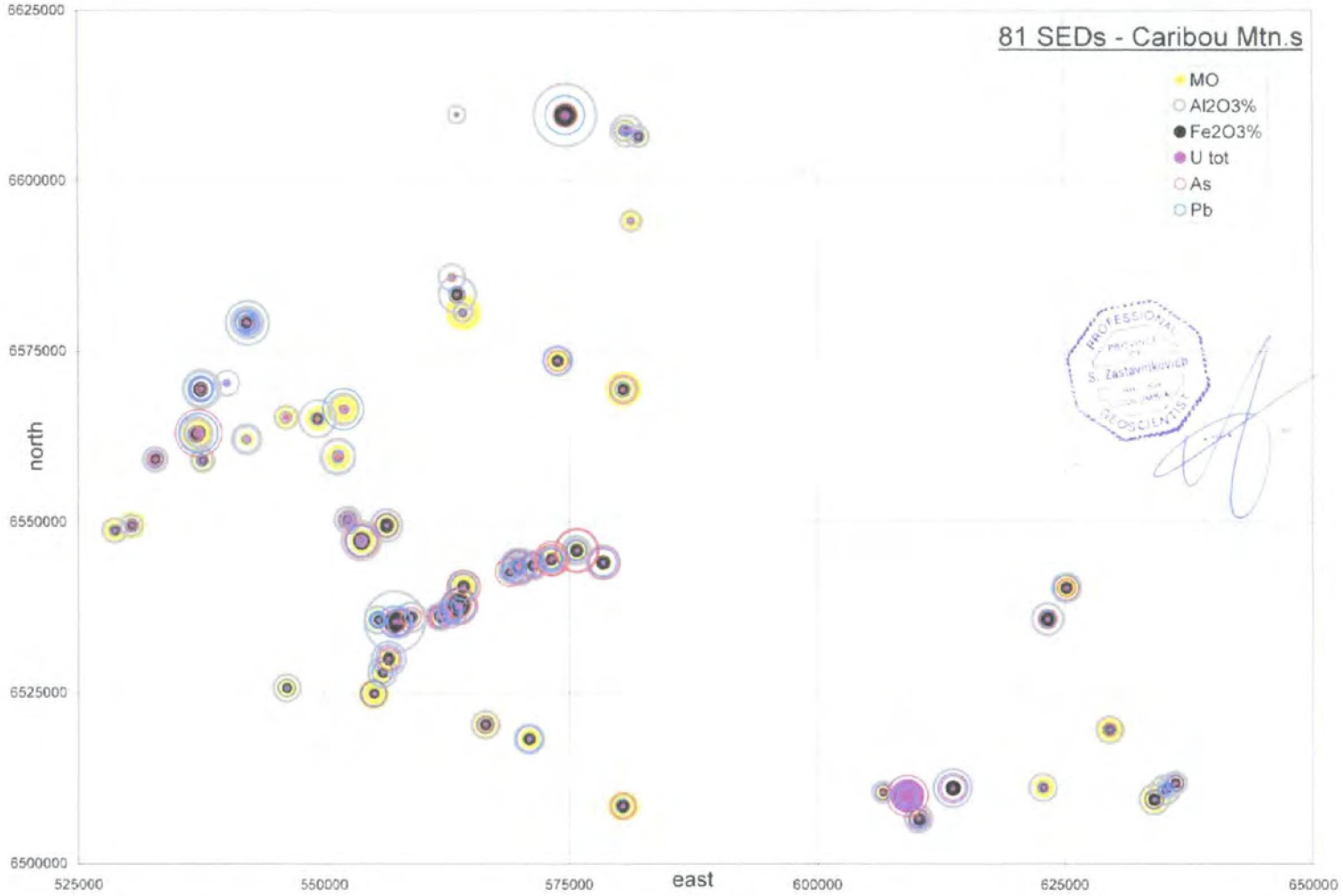
Figure 5: Sediment U / Ni Anomaly Map



Fission Energy Corp.

Sediment U + Pathfinder, Major Element Anomaly Map

FIG. 6



S. Zastavnikovich, P. Geo.

2008 CM geochem survey

Apr '09

CONCLUSIONS AND RECOMMENDATIONS

1. Distinctly anomalous uranium values are present in both stream water and sediment samples collected in 2008 in the Caribou Mountains uranium project area, particularly from the largest streams in the southeastern and the westernmost permits areas.

2. In the southeast the uranium anomalies are sourced in the fish bone beds, while anomalous molybdenum and associated pathfinder values are sourced in the shale beds from the same area.

3. In the west, residual stream sediment uranium anomalies are supported by anomalous lead and arsenic water sample values.

4. Follow-up geochemical survey should emphasize drainage sediment sample quality and include lithochemical information based on selected sampling of mineralized and/or altered float and bedrock where available.

REFERENCES

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3. Skeleton, D., Bursey, T., May 5, 2000: Caribou Mountains (AL06) Property Assessment Report #20000009, Province of Alberta, Ashton Mining of Canada Inc.

4. Dahrouge Geological Consulting Ltd., Edmonton, Alberta, Sept8-2008: Caribou Mountains 2008 Exploration Program, CM Summary of Work Conducted, internal document for Fission Energy Corp.

CERTIFICATE

I, Sam Zastavnikovich, P. Geo., Consulting Geochemist, with residence and office address at 5063-56th Street, Delta, British Columbia, do hereby certify that:

1. I am a 1969 graduate of the University of Alberta, with B.Ed. degree in Physical Sciences.

2. I have been continuously employed from 1969 to 1982 by Falconbridge Ltd. of Toronto as field geochemist working in Canada, the U.S.A., the Caribbean and S. America. Since 1982 to present I have continuously practiced as a consulting geochemist in the private sector of the mineral exploration industry, having worked for clients in Canada, the U.S.A. and Alaska, China and Mexico, including from 1995 to 2000 for Cominco in South America.

3. I am a Fellow of the Association of Exploration Geochemists since 1981.

4. I have been registered with the Association of Professional Engineers and Geoscientists of British Columbia since 1993.

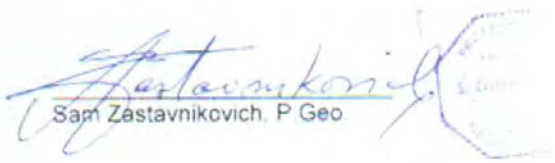
5. In 1986 I supervised on behalf of the Geological Survey of Canada (GSC) and the B.C. Ministry of Mines the regional geochemical drainage sampling (RGS) program for map sheets NTS93/E and L, and published in *Geological Fieldwork, 1986, BCMEMPR*, Paper 1987-1, pp 405-409, on the importance of quality in drainage sampling surveys.

6. As a result of my geochemical experience and qualification I am a Qualified Person as defined in the National Instrument 43 – 101.

7. The Report is based on my interpretation of analytical results from previous geochemical stream water and sediment sample surveys conducted by others on the Property.

8. I have no direct or indirect interest in the client company, Fission Energy Corp., nor the subject property, the Caribou Mountains uranium mineral claims. I have had no prior involvement with the Caribou Mountains property mineral claims.

Dated at Delta, Province of British Columbia, this 27th day of July, 2009.



Sam Zastavnikovich, P.Geo.

APPENDIX I

Analytical Results & Methodology

SRC Group # 2008-6471

SRC ANALYTICAL

Aug 11, 2008

422 Downey Road
Saskatoon, Saskatchewan, Canada
S7N 4N1
(306) 933-6932 or 1-800-240-8808
Fax: (306) 933-7922

Dahrouge Geological Consulting Ltd.
18-10509 81 Ave
Edmonton, Alberta T6E 1X7
Attn: Gabe Kassos

Sample # **29998**
Date Sampled: **Jul 16, 2008 12:26**
Sample Matrix: **WATER**
Description: **0716 - 4**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.29	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.5	0.1	Aug 08, 2008
Barium	mg/L	0.10	0.01	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.03	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0026	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0009	0.0001	Aug 08, 2008
Copper	mg/L	0.0031	0.0002	Aug 08, 2008
Iron	mg/L	2.3	0.01	Aug 08, 2008
Lead	mg/L	0.0008	0.0001	Aug 08, 2008
Manganese	mg/L	0.12	0.01	Aug 08, 2008
Molybdenum	mg/L	0.0010	0.0001	Aug 08, 2008
Nickel	mg/L	0.0046	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.18	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0029	0.0002	Aug 08, 2008
Uranium	ug/L	2.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0012	0.0001	Aug 08, 2008
Zinc	mg/L	0.044	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **29999**
Date Sampled: **Jul 16, 2008 12:45**
Sample Matrix: **WATER**
Description: **0716 - 6**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.59	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.9	0.1	Aug 08, 2008
Barium	mg/L	0.11	0.01	Aug 08, 2008
Beryllium	mg/L	0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.04	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0038	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0021	0.0001	Aug 08, 2008
Copper	mg/L	0.0048	0.0002	Aug 08, 2008
Iron	mg/L	3.8	0.01	Aug 08, 2008
Lead	mg/L	0.0015	0.0001	Aug 08, 2008
Manganese	mg/L	0.088	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0010	0.0001	Aug 08, 2008
Nickel	mg/L	0.0083	0.0001	Aug 08, 2008
Selenium	mg/L	0.0004	0.0001	Aug 08, 2008
Silver	mg/L	0.0045	0.0001	Aug 08, 2008
Strontium	mg/L	0.12	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0049	0.0002	Aug 08, 2008
Uranium	ug/L	1.2	0.1	Aug 08, 2008
Vanadium	mg/L	0.0020	0.0001	Aug 08, 2008
Zinc	mg/L	0.021	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30000**
Date Sampled: **Jul 16, 2008 13:28**
Sample Matrix: **WATER**
Description: **0716 - 8**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.053	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.5	0.1	Aug 08, 2008
Barium	mg/L	0.065	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	<0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0002	0.0001	Aug 08, 2008
Copper	mg/L	0.0013	0.0002	Aug 08, 2008
Iron	mg/L	0.74	0.01	Aug 08, 2008
Lead	mg/L	0.0001	0.0001	Aug 08, 2008
Manganese	mg/L	0.058	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0002	0.0001	Aug 08, 2008
Nickel	mg/L	0.0011	0.0001	Aug 08, 2008
Selenium	mg/L	0.0001	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.090	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0011	0.0002	Aug 08, 2008
Uranium	ug/L	0.4	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.068	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30001**
Date Sampled: **Jul 16, 2008 16:07**
Sample Matrix: **WATER**
Description: **0716 - 10**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.15	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.6	0.1	Aug 08, 2008
Barium	mg/L	0.089	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.05	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0014	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0005	0.0001	Aug 08, 2008
Copper	mg/L	0.0036	0.0002	Aug 08, 2008
Iron	mg/L	0.90	0.01	Aug 08, 2008
Lead	mg/L	0.0007	0.0001	Aug 08, 2008
Manganese	mg/L	0.041	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.014	0.0001	Aug 08, 2008
Nickel	mg/L	0.0042	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0003	0.0001	Aug 08, 2008
Strontium	mg/L	0.16	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.10	0.002	Aug 08, 2008
Titanium	mg/L	0.0026	0.0002	Aug 08, 2008
Uranium	ug/L	1.4	0.1	Aug 08, 2008
Vanadium	mg/L	0.0006	0.0001	Aug 08, 2008
Zinc	mg/L	0.047	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30002**
Date Sampled: **Jul 16, 2008 11:45**
Sample Matrix: **WATER**
Description: **0716 - B**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.47	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	2.2	0.1	Aug 08, 2008
Barium	mg/L	0.12	0.01	Aug 08, 2008
Beryllium	mg/L	0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.04	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0039	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0013	0.0001	Aug 08, 2008
Copper	mg/L	0.0049	0.0002	Aug 08, 2008
Iron	mg/L	4.1	0.01	Aug 08, 2008
Lead	mg/L	0.0017	0.0001	Aug 08, 2008
Manganese	mg/L	0.075	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0009	0.0001	Aug 08, 2008
Nickel	mg/L	0.0062	0.0001	Aug 08, 2008
Selenium	mg/L	0.0005	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.11	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0041	0.0002	Aug 08, 2008
Uranium	ug/L	1.0	0.1	Aug 08, 2008
Vanadium	mg/L	0.0020	0.0001	Aug 08, 2008
Zinc	mg/L	0.13	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30003**
Date Sampled: **Jul 16, 2008 13:22**
Sample Matrix: **WATER**
Description: **0716 - D**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.074	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.5	0.1	Aug 08, 2008
Barium	mg/L	0.056	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.02	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0009	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0002	0.0001	Aug 08, 2008
Copper	mg/L	0.0026	0.0002	Aug 08, 2008
Iron	mg/L	0.67	0.01	Aug 08, 2008
Lead	mg/L	0.0015	0.0001	Aug 08, 2008
Manganese	mg/L	0.019	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0004	0.0001	Aug 08, 2008
Nickel	mg/L	0.0021	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.064	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0004	0.0001	Aug 08, 2008
Titanium	mg/L	0.0012	0.0002	Aug 08, 2008
Uranium	ug/L	0.5	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.069	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30004**
Date Sampled: **Jul 16, 2008 16:21**
Sample Matrix: **WATER**
Description: **0716 - F**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.078	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.6	0.1	Aug 08, 2008
Barium	mg/L	0.076	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.12	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0006	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0016	0.0002	Aug 08, 2008
Iron	mg/L	0.53	0.01	Aug 08, 2008
Lead	mg/L	0.0004	0.0001	Aug 08, 2008
Manganese	mg/L	0.035	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0012	0.0001	Aug 08, 2008
Nickel	mg/L	0.0017	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.19	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0025	0.0001	Aug 08, 2008
Titanium	mg/L	0.0018	0.0002	Aug 08, 2008
Uranium	ug/L	1.2	0.1	Aug 08, 2008
Vanadium	mg/L	0.0005	0.0001	Aug 08, 2008
Zinc	mg/L	0.029	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30005**
Date Sampled: **Jul 16, 2008 17:40**
Sample Matrix: **WATER**
Description: **0716 - H**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.054	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.9	0.1	Aug 08, 2008
Barium	mg/L	0.084	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.10	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0011	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0020	0.0002	Aug 08, 2008
Iron	mg/L	0.32	0.01	Aug 08, 2008
Lead	mg/L	0.0003	0.0001	Aug 08, 2008
Manganese	mg/L	0.039	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0012	0.0001	Aug 08, 2008
Nickel	mg/L	0.0029	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0016	0.0001	Aug 08, 2008
Strontium	mg/L	0.16	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0005	0.0001	Aug 08, 2008
Titanium	mg/L	0.0011	0.0002	Aug 08, 2008
Uranium	ug/L	1.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.052	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Sample # **30006**
Date Sampled: **Jul 16, 2008 17:45**
Sample Matrix: **WATER**
Description: **0716 - I**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.088	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.6	0.1	Aug 08, 2008
Barium	mg/L	0.083	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.10	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	<0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0004	0.0001	Aug 08, 2008
Copper	mg/L	0.0018	0.0002	Aug 08, 2008
Iron	mg/L	0.53	0.01	Aug 08, 2008
Lead	mg/L	0.0004	0.0001	Aug 08, 2008
Manganese	mg/L	0.041	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0009	0.0001	Aug 08, 2008
Nickel	mg/L	0.0031	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.16	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0018	0.0002	Aug 08, 2008
Uranium	ug/L	1.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0005	0.0001	Aug 08, 2008
Zinc	mg/L	0.025	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30007**
Date Sampled: **Jul 16, 2008 11:50**
Sample Matrix: **WATER**
Description: **0716 - 1**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.079	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.8	0.1	Aug 08, 2008
Barium	mg/L	0.072	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.07	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0012	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0004	0.0001	Aug 08, 2008
Copper	mg/L	0.0040	0.0002	Aug 08, 2008
Iron	mg/L	0.83	0.01	Aug 08, 2008
Lead	mg/L	0.0008	0.0001	Aug 08, 2008
Manganese	mg/L	0.030	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0011	0.0001	Aug 08, 2008
Nickel	mg/L	0.0039	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.13	0.01	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0013	0.0002	Aug 08, 2008
Uranium	ug/L	1.9	0.1	Aug 08, 2008
Vanadium	mg/L	0.0006	0.0001	Aug 08, 2008
Zinc	mg/L	0.046	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30008**
Date Sampled: **Jul 17, 2008 11:42**
Sample Matrix: **WATER**
Description: **0717 - 2**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.19	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.6	0.1	Aug 08, 2008
Barium	mg/L	0.058	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0012	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0005	0.0001	Aug 08, 2008
Copper	mg/L	0.0015	0.0002	Aug 08, 2008
Iron	mg/L	2.7	0.01	Aug 08, 2008
Lead	mg/L	0.0007	0.0001	Aug 08, 2008
Manganese	mg/L	0.032	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0004	0.0001	Aug 08, 2008
Nickel	mg/L	0.0030	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.044	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0026	0.0002	Aug 08, 2008
Uranium	ug/L	0.7	0.1	Aug 08, 2008
Vanadium	mg/L	0.0011	0.0001	Aug 08, 2008
Zinc	mg/L	0.010	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30009**
Date Sampled: **Jul 17, 2008 11:54**
Sample Matrix: **WATER**
Description: **0717 - 3**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.042	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.6	0.1	Aug 08, 2008
Barium	mg/L	0.044	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0002	0.0001	Aug 08, 2008
Copper	mg/L	0.0010	0.0002	Aug 08, 2008
Iron	mg/L	0.56	0.01	Aug 08, 2008
Lead	mg/L	0.0001	0.0001	Aug 08, 2008
Manganese	mg/L	0.015	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0003	0.0001	Aug 08, 2008
Nickel	mg/L	0.0011	0.0001	Aug 08, 2008
Selenium	mg/L	0.0001	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.037	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0010	0.0002	Aug 08, 2008
Uranium	ug/L	0.2	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.012	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30010**
Date Sampled: **Jul 17, 2008 12:31**
Sample Matrix: **WATER**
Description: **0717 - 4**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.10	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.8	0.1	Aug 08, 2008
Barium	mg/L	0.044	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0006	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0038	0.0002	Aug 08, 2008
Iron	mg/L	1.2	0.01	Aug 08, 2008
Lead	mg/L	0.0004	0.0001	Aug 08, 2008
Manganese	mg/L	0.032	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0001	0.0001	Aug 08, 2008
Nickel	mg/L	0.0021	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.032	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0016	0.0002	Aug 08, 2008
Uranium	ug/L	0.1	0.1	Aug 08, 2008
Vanadium	mg/L	0.0006	0.0001	Aug 08, 2008
Zinc	mg/L	0.21	0.01	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30011**
Date Sampled: **Jul 17, 2008 13:24**
Sample Matrix: **WATER**
Description: **0717 - 5**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.041	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.5	0.1	Aug 08, 2008
Barium	mg/L	0.055	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0006	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0002	0.0001	Aug 08, 2008
Copper	mg/L	0.0007	0.0002	Aug 08, 2008
Iron	mg/L	0.74	0.01	Aug 08, 2008
Lead	mg/L	0.0002	0.0001	Aug 08, 2008
Manganese	mg/L	0.027	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0002	0.0001	Aug 08, 2008
Nickel	mg/L	0.0008	0.0001	Aug 08, 2008
Selenium	mg/L	0.0001	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.034	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0002	0.0001	Aug 08, 2008
Titanium	mg/L	0.0009	0.0002	Aug 08, 2008
Uranium	ug/L	0.4	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.0088	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Sample # **30012**
Date Sampled: **Jul 17, 2008 13:25**
Sample Matrix: **WATER**
Description: **0717 - 7**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.040	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.5	0.1	Aug 08, 2008
Barium	mg/L	0.054	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0002	0.0001	Aug 08, 2008
Copper	mg/L	0.0010	0.0002	Aug 08, 2008
Iron	mg/L	0.78	0.01	Aug 08, 2008
Lead	mg/L	0.0004	0.0001	Aug 08, 2008
Manganese	mg/L	0.027	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0002	0.0001	Aug 08, 2008
Nickel	mg/L	0.0007	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0004	0.0001	Aug 08, 2008
Strontium	mg/L	0.034	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0005	0.0001	Aug 08, 2008
Titanium	mg/L	0.0010	0.0002	Aug 08, 2008
Uranium	ug/L	0.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.021	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30013**
Date Sampled: **Jul 17, 2008 16:59**
Sample Matrix: **WATER**
Description: **0717 - 8**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.084	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.8	0.1	Aug 08, 2008
Barium	mg/L	0.067	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0002	0.0001	Aug 08, 2008
Chromium	mg/L	<0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0014	0.0002	Aug 08, 2008
Iron	mg/L	1.2	0.01	Aug 08, 2008
Lead	mg/L	0.0007	0.0001	Aug 08, 2008
Manganese	mg/L	0.037	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0003	0.0001	Aug 08, 2008
Nickel	mg/L	0.0021	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.068	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0013	0.0002	Aug 08, 2008
Uranium	ug/L	0.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0005	0.0001	Aug 08, 2008
Zinc	mg/L	0.021	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30014**
Date Sampled: **Jul 17, 2008**
Sample Matrix: **WATER**
Description: **0717 - B**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.14	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.2	0.1	Aug 08, 2008
Barium	mg/L	0.053	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.02	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0010	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0005	0.0001	Aug 08, 2008
Copper	mg/L	0.0017	0.0002	Aug 08, 2008
Iron	mg/L	2.0	0.01	Aug 08, 2008
Lead	mg/L	0.0006	0.0001	Aug 08, 2008
Manganese	mg/L	0.053	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0004	0.0001	Aug 08, 2008
Nickel	mg/L	0.0026	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.057	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0019	0.0002	Aug 08, 2008
Uranium	ug/L	0.8	0.1	Aug 08, 2008
Vanadium	mg/L	0.0009	0.0001	Aug 08, 2008
Zinc	mg/L	0.019	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30015**
Date Sampled: **Jul 17, 2008**
Sample Matrix: **WATER**
Description: **0717 - C**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.18	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.8	0.1	Aug 08, 2008
Barium	mg/L	0.059	0.0005	Aug 08, 2008
Beryllium	mg/L	0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.02	0.01	Aug 08, 2008
Cadmium	mg/L	0.0002	0.0001	Aug 08, 2008
Chromium	mg/L	0.0024	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0005	0.0001	Aug 08, 2008
Copper	mg/L	0.0032	0.0002	Aug 08, 2008
Iron	mg/L	1.2	0.01	Aug 08, 2008
Lead	mg/L	0.0016	0.0001	Aug 08, 2008
Manganese	mg/L	0.027	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0005	0.0001	Aug 08, 2008
Nickel	mg/L	0.0038	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.034	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0020	0.0002	Aug 08, 2008
Uranium	ug/L	1.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0007	0.0001	Aug 08, 2008
Zinc	mg/L	0.033	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30016**
Date Sampled: **Jul 17, 2008**
Sample Matrix: **WATER**
Description: **0717 - D**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.12	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.3	0.1	Aug 08, 2008
Barium	mg/L	0.052	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.02	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0011	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0020	0.0002	Aug 08, 2008
Iron	mg/L	0.80	0.01	Aug 08, 2008
Lead	mg/L	0.0004	0.0001	Aug 08, 2008
Manganese	mg/L	0.020	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0005	0.0001	Aug 08, 2008
Nickel	mg/L	0.0027	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.030	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0014	0.0002	Aug 08, 2008
Uranium	ug/L	0.2	0.1	Aug 08, 2008
Vanadium	mg/L	0.0005	0.0001	Aug 08, 2008
Zinc	mg/L	0.021	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30017**
Date Sampled: **Jul 17, 2008**
Sample Matrix: **WATER**
Description: **0717 - E**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.048	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.2	0.1	Aug 08, 2008
Barium	mg/L	0.050	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0008	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0017	0.0002	Aug 08, 2008
Iron	mg/L	1.1	0.01	Aug 08, 2008
Lead	mg/L	0.0008	0.0001	Aug 08, 2008
Manganese	mg/L	0.045	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0001	0.0001	Aug 08, 2008
Nickel	mg/L	0.0016	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0003	0.0001	Aug 08, 2008
Strontium	mg/L	0.055	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0011	0.0002	Aug 08, 2008
Uranium	ug/L	0.1	0.1	Aug 08, 2008
Vanadium	mg/L	0.0004	0.0001	Aug 08, 2008
Zinc	mg/L	0.036	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30018**
Date Sampled: **Jul 18, 2008 11:31**
Sample Matrix: **WATER**
Description: **0718 - 1**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.66	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	3.8	0.1	Aug 08, 2008
Barium	mg/L	0.11	0.01	Aug 08, 2008
Beryllium	mg/L	0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.03	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0054	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0019	0.0001	Aug 08, 2008
Copper	mg/L	0.0060	0.0002	Aug 08, 2008
Iron	mg/L	6.3	0.01	Aug 08, 2008
Lead	mg/L	0.0023	0.0001	Aug 08, 2008
Manganese	mg/L	0.10	0.01	Aug 08, 2008
Molybdenum	mg/L	0.0008	0.0001	Aug 08, 2008
Nickel	mg/L	0.0086	0.0001	Aug 08, 2008
Selenium	mg/L	0.0004	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.087	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0003	0.0001	Aug 08, 2008
Titanium	mg/L	0.0055	0.0002	Aug 08, 2008
Uranium	ug/L	0.7	0.1	Aug 08, 2008
Vanadium	mg/L	0.0029	0.0001	Aug 08, 2008
Zinc	mg/L	0.020	0.0005	Aug 08, 2008

"<": not detected at level stated above.

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Dahrouge Geological Consulting Ltd.

Sample # **30019**
Date Sampled: **Jul 18, 2008 11:41**
Sample Matrix: **WATER**
Description: **0718 - 2**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.13	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.9	0.1	Aug 08, 2008
Barium	mg/L	0.063	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0013	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0004	0.0001	Aug 08, 2008
Copper	mg/L	0.0023	0.0002	Aug 08, 2008
Iron	mg/L	2.3	0.01	Aug 08, 2008
Lead	mg/L	0.0006	0.0001	Aug 08, 2008
Manganese	mg/L	0.038	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0005	0.0001	Aug 08, 2008
Nickel	mg/L	0.0033	0.0001	Aug 08, 2008
Selenium	mg/L	0.0004	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.072	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	<0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0023	0.0002	Aug 08, 2008
Uranium	ug/L	0.4	0.1	Aug 08, 2008
Vanadium	mg/L	0.0009	0.0001	Aug 08, 2008
Zinc	mg/L	0.027	0.0005	Aug 08, 2008

"<": not detected at level stated above.

Sample # **30020**
Date Sampled: **Jul 18, 2008 11:42**
Sample Matrix: **WATER**
Description: **0718 - 3**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.14	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	2.1	0.1	Aug 08, 2008
Barium	mg/L	0.064	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0007	0.0001	Aug 08, 2008
Chromium	mg/L	0.0015	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0004	0.0001	Aug 08, 2008
Copper	mg/L	0.0044	0.0002	Aug 08, 2008
Iron	mg/L	2.3	0.01	Aug 08, 2008
Lead	mg/L	0.0069	0.0001	Aug 08, 2008
Manganese	mg/L	0.040	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0004	0.0001	Aug 08, 2008
Nickel	mg/L	0.0041	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.072	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0015	0.0001	Aug 08, 2008
Titanium	mg/L	0.0024	0.0002	Aug 08, 2008
Uranium	ug/L	0.4	0.1	Aug 08, 2008
Vanadium	mg/L	0.0009	0.0001	Aug 08, 2008
Zinc	mg/L	0.030	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30021**
Date Sampled: **Jul 18, 2008 11:53**
Sample Matrix: **WATER**
Description: **0718 - 4**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.36	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	2.5	0.1	Aug 08, 2008
Barium	mg/L	0.074	0.0005	Aug 08, 2008
Beryllium	mg/L	0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.02	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0034	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0010	0.0001	Aug 08, 2008
Copper	mg/L	0.0081	0.0002	Aug 08, 2008
Iron	mg/L	2.4	0.01	Aug 08, 2008
Lead	mg/L	0.0011	0.0001	Aug 08, 2008
Manganese	mg/L	0.042	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0006	0.0001	Aug 08, 2008
Nickel	mg/L	0.0053	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.039	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0003	0.0001	Aug 08, 2008
Titanium	mg/L	0.0033	0.0002	Aug 08, 2008
Uranium	ug/L	0.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0013	0.0001	Aug 08, 2008
Zinc	mg/L	0.20	0.01	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30022**
Date Sampled: **Jul 18, 2008 12:11**
Sample Matrix: **WATER**
Description: **0718 - 5**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.030	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.3	0.1	Aug 08, 2008
Barium	mg/L	0.041	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	0.0008	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0001	0.0001	Aug 08, 2008
Copper	mg/L	0.0020	0.0002	Aug 08, 2008
Iron	mg/L	0.32	0.01	Aug 08, 2008
Lead	mg/L	0.0011	0.0001	Aug 08, 2008
Manganese	mg/L	0.0073	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0003	0.0001	Aug 08, 2008
Nickel	mg/L	0.0022	0.0001	Aug 08, 2008
Selenium	mg/L	0.0002	0.0001	Aug 08, 2008
Silver	mg/L	0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.031	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0016	0.0001	Aug 08, 2008
Titanium	mg/L	0.0005	0.0002	Aug 08, 2008
Uranium	ug/L	0.1	0.1	Aug 08, 2008
Vanadium	mg/L	0.0002	0.0001	Aug 08, 2008
Zinc	mg/L	0.019	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30023**
Date Sampled: **Jul 18, 2008 12:33**
Sample Matrix: **WATER**
Description: **0718 - 6**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.028	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.3	0.1	Aug 08, 2008
Barium	mg/L	0.035	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0002	0.0001	Aug 08, 2008
Chromium	mg/L	0.0017	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0001	0.0001	Aug 08, 2008
Copper	mg/L	0.0036	0.0002	Aug 08, 2008
Iron	mg/L	0.57	0.01	Aug 08, 2008
Lead	mg/L	0.0017	0.0001	Aug 08, 2008
Manganese	mg/L	0.042	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0002	0.0001	Aug 08, 2008
Nickel	mg/L	0.0028	0.0001	Aug 08, 2008
Selenium	mg/L	0.0001	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.016	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0019	0.0001	Aug 08, 2008
Titanium	mg/L	0.0007	0.0002	Aug 08, 2008
Uranium	ug/L	<0.1	0.1	Aug 08, 2008
Vanadium	mg/L	0.0001	0.0001	Aug 08, 2008
Zinc	mg/L	0.056	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30024**
Date Sampled: **Jul 18, 2008 13:19**
Sample Matrix: **WATER**
Description: **0718 - 7**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.037	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.5	0.1	Aug 08, 2008
Barium	mg/L	0.018	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	<0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0001	0.0001	Aug 08, 2008
Copper	mg/L	0.0005	0.0002	Aug 08, 2008
Iron	mg/L	0.43	0.0005	Aug 08, 2008
Lead	mg/L	0.0001	0.0001	Aug 08, 2008
Manganese	mg/L	0.018	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0001	0.0001	Aug 08, 2008
Nickel	mg/L	0.0006	0.0001	Aug 08, 2008
Selenium	mg/L	0.0001	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.025	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0001	0.0001	Aug 08, 2008
Titanium	mg/L	0.0007	0.0002	Aug 08, 2008
Uranium	ug/L	<0.1	0.1	Aug 08, 2008
Vanadium	mg/L	0.0003	0.0001	Aug 08, 2008
Zinc	mg/L	0.0077	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30025**
Date Sampled: **Jul 18, 2008 13:39**
Sample Matrix: **WATER**
Description: **0718 - 8**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.038	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	0.4	0.1	Aug 08, 2008
Barium	mg/L	0.048	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	0.01	0.01	Aug 08, 2008
Cadmium	mg/L	<0.0001	0.0001	Aug 08, 2008
Chromium	mg/L	<0.0005	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0001	0.0001	Aug 08, 2008
Copper	mg/L	0.0007	0.0002	Aug 08, 2008
Iron	mg/L	0.40	0.0005	Aug 08, 2008
Lead	mg/L	0.0001	0.0001	Aug 08, 2008
Manganese	mg/L	0.014	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0002	0.0001	Aug 08, 2008
Nickel	mg/L	0.0010	0.0001	Aug 08, 2008
Selenium	mg/L	0.0001	0.0001	Aug 08, 2008
Silver	mg/L	<0.0001	0.0001	Aug 08, 2008
Strontium	mg/L	0.057	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0011	0.0001	Aug 08, 2008
Titanium	mg/L	0.0008	0.0002	Aug 08, 2008
Uranium	ug/L	0.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0002	0.0001	Aug 08, 2008
Zinc	mg/L	0.0037	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC ANALYTICAL

Dahrouge Geological Consulting Ltd.

Sample # **30026**
Date Sampled: **Jul 18, 2008 14:11**
Sample Matrix: **WATER**
Description: **0718 - 9**

Client PO #: **Project# 13022**
Date Received: **Jul 25, 2008**

Analyte	Units	Result	DL	Date Entered
Inorganic Chemistry				
Aluminum	mg/L	0.085	0.0005	Aug 08, 2008
Antimony	mg/L	<0.0002	0.0002	Aug 08, 2008
Arsenic	ug/L	1.8	0.1	Aug 08, 2008
Barium	mg/L	0.054	0.0005	Aug 08, 2008
Beryllium	mg/L	<0.0001	0.0001	Aug 08, 2008
Boron	mg/L	<0.01	0.01	Aug 08, 2008
Cadmium	mg/L	0.0003	0.0001	Aug 08, 2008
Chromium	mg/L	0.0007	0.0005	Aug 08, 2008
Cobalt	mg/L	0.0003	0.0001	Aug 08, 2008
Copper	mg/L	0.0025	0.0002	Aug 08, 2008
Iron	mg/L	1.3	0.01	Aug 08, 2008
Lead	mg/L	0.0040	0.0001	Aug 08, 2008
Manganese	mg/L	0.037	0.0005	Aug 08, 2008
Molybdenum	mg/L	0.0002	0.0001	Aug 08, 2008
Nickel	mg/L	0.0019	0.0001	Aug 08, 2008
Selenium	mg/L	0.0003	0.0001	Aug 08, 2008
Silver	mg/L	0.0002	0.0001	Aug 08, 2008
Strontium	mg/L	0.043	0.0005	Aug 08, 2008
Thallium	mg/L	<0.0002	0.0002	Aug 08, 2008
Tin	mg/L	0.0022	0.0001	Aug 08, 2008
Titanium	mg/L	0.0016	0.0002	Aug 08, 2008
Uranium	ug/L	0.3	0.1	Aug 08, 2008
Vanadium	mg/L	0.0005	0.0001	Aug 08, 2008
Zinc	mg/L	0.033	0.0005	Aug 08, 2008

"<": not detected at level stated above.

SRC Geoanalytical Laboratories
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Report No: G-09-179

Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Partial Digestion and Boron

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
ASR109/BL	<0.1	0.3	0.7	0.8	4.7	<0.2	<0.2	2.5	13.2	1.12	<0.2	<0.2	0.3	0.180	1.7	1.0	14
52501	0.6	3.8	0.7	4.1	6.0	<0.2	<0.2	3.1	11.7	3.91	<0.2	<0.2	0.2	0.590	10.1	26.1	42
52502	<0.1	6.2	1.1	9.0	20.0	<0.2	<0.2	0.7	27.8	7.44	<0.2	<0.2	<0.2	1.57	22.6	68.6	46
52503	<0.1	3.7	0.6	4.4	8.0	<0.2	<0.2	3.4	12.3	4.34	<0.2	<0.2	0.3	0.660	12.9	32.2	29
52504	<0.1	2.8	0.6	2.8	4.9	<0.2	<0.2	3.6	9.0	2.75	<0.2	<0.2	<0.2	0.950	9.2	19.7	24
52505	<0.1	3.1	0.6	3.3	6.3	<0.2	<0.2	4.2	10.3	3.05	<0.2	<0.2	<0.2	0.530	9.3	21.2	20
52506	<0.1	4.1	0.8	5.7	9.0	<0.2	<0.2	3.2	14.3	4.30	<0.2	<0.2	<0.2	0.850	12.5	26.9	39
52507	<0.1	5.6	0.9	7.6	15.9	<0.2	<0.2	1.4	21.2	6.95	<0.2	<0.2	<0.2	1.29	17.8	52.9	60
52508	<0.1	4.5	0.9	5.6	10.7	<0.2	<0.2	2.5	15.3	6.21	<0.2	<0.2	0.4	1.6	16.2	46.4	36
67501	<0.1	4.8	0.7	6.4	10.6	<0.2	<0.2	2.2	15.6	4.09	<0.2	<0.2	0.3	1.29	17.1	17.2	24
67502	<0.1	3.4	0.7	3.8	5.2	<0.2	<0.2	3.9	9.6	2.80	<0.2	<0.2	<0.2	0.720	9.3	26.0	15
67504	<0.1	10.4	0.9	4.8	5.1	<0.2	<0.2	4.8	13.5	5.04	<0.2	<0.2	0.4	0.870	18.6	43.1	19
67505	<0.1	11.0	0.9	4.9	5.3	<0.2	<0.2	4.9	12.6	4.95	<0.2	<0.2	0.4	0.760	18.8	41.5	15
67506	<0.1	8.6	0.8	6.8	7.4	<0.2	<0.2	5.0	14.7	5.12	<0.2	<0.2	0.2	0.930	18.4	51.9	27
67507	<0.1	7.5	0.7	6.3	10.8	<0.2	<0.2	2.2	16.0	5.88	<0.2	<0.2	0.5	1.0	19.0	56.4	42
67508	<0.1	7.2	0.6	5.2	5.2	<0.2	<0.2	4.4	10.8	4.16	<0.2	<0.2	<0.2	0.870	15.6	39.0	19
67509	<0.1	8.1	0.9	6.6	12.7	<0.2	<0.2	2.0	19.8	6.88	<0.2	<0.2	0.4	1.25	22.7	66.2	50
67510	<0.1	6.6	0.8	5.5	8.4	<0.2	<0.2	2.9	14.8	5.66	<0.2	<0.2	0.3	0.850	21.0	58.8	37
67511	<0.1	8.2	1.0	8.2	16.4	<0.2	<0.2	1.7	22.1	7.73	<0.2	<0.2	0.5	1.72	26.2	83.9	49
67512	<0.1	8.3	0.7	7.1	4.7	<0.2	<0.2	4.0	11.9	4.12	<0.2	<0.2	0.4	0.890	14.1	43.2	17

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Report No: G-09-179

Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Partial Digestion and Boron

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
ASR209/BM	<0.1	1.3	0.6	0.8	4.1	<0.2	<0.2	2.0	11.5	2.61	<0.2	<0.2	0.5	1.19	4.7	1.1	98
67513	<0.1	4.3	0.6	3.9	3.8	<0.2	<0.2	3.5	9.2	3.28	<0.2	<0.2	0.2	0.380	11.8	31.2	22
67514	<0.1	8.4	0.9	7.7	11.8	<0.2	<0.2	3.0	18.0	6.46	<0.2	<0.2	<0.2	1.22	21.8	64.3	29
67515	0.1	9.2	0.9	8.8	16.7	<0.2	<0.2	1.5	23.4	8.29	<0.2	<0.2	0.2	1.34	29.2	90.0	56
67516	<0.1	6.2	1.0	5.9	23.3	<0.2	<0.2	1.6	15.8	3.82	<0.2	<0.2	1.1	0.940	23.2	62.5	22
67517	<0.1	5.3	0.7	5.1	4.5	<0.2	<0.2	4.1	10.1	3.28	<0.2	<0.2	0.4	0.640	11.2	32.0	15
67518	<0.1	5.8	0.7	5.7	8.9	<0.2	<0.2	2.6	14.6	4.93	<0.2	<0.2	<0.2	0.900	17.6	49.3	30
67519	<0.1	5.0	0.6	4.8	5.8	<0.2	<0.2	2.6	10.8	3.52	<0.2	<0.2	<0.2	0.700	13.3	25.6	19
67520	<0.1	5.8	0.8	5.7	8.5	<0.2	<0.2	2.5	14.0	4.48	<0.2	<0.2	0.3	0.910	17.1	38.1	33
67521	<0.1	5.9	0.8	6.3	9.5	<0.2	<0.2	3.4	14.5	6.07	<0.2	<0.2	<0.2	0.840	18.8	48.8	39
67522	<0.1	6.6	0.8	6.4	11.5	<0.2	<0.2	2.2	17.2	6.26	<0.2	<0.2	0.3	0.790	20.1	60.7	41
67523	<0.1	5.6	0.8	7.2	21.2	<0.2	<0.2	0.2	23.5	7.84	<0.2	<0.2	<0.2	1.03	18.3	65.0	98
67524	<0.1	4.2	0.8	4.4	6.6	<0.2	<0.2	3.2	12.2	3.39	<0.2	<0.2	<0.2	0.820	10.8	27.1	23
67525	<0.1	5.5	0.8	6.0	13.0	<0.2	<0.2	2.6	17.5	5.47	<0.2	<0.2	<0.2	1.3	17.0	43.1	43
67526	<0.1	4.4	0.8	4.4	5.9	<0.2	<0.2	3.5	11.3	4.43	<0.2	<0.2	<0.2	0.670	11.9	26.9	22
67527	<0.1	2.0	0.4	2.2	2.4	<0.2	<0.2	3.5	6.6	2.08	<0.2	<0.2	0.2	0.970	5.7	12.5	20
67528	<0.1	3.3	0.8	4.4	6.6	<0.2	<0.2	3.9	11.8	4.29	<0.2	<0.2	<0.2	0.760	10.6	27.8	23
67529	<0.1	6.7	0.8	5.8	13.2	<0.2	<0.2	4.8	18.7	6.27	<0.2	<0.2	0.4	1.5	18.5	44.0	44
67530	<0.1	8.4	1.0	7.5	17.5	<0.2	<0.2	1.8	20.2	7.65	<0.2	0.5	<0.2	1.21	20.0	76.3	69
67526 R	<0.1	4.5	0.7	4.5	5.8	<0.2	<0.2	3.5	10.6	4.32	<0.2	<0.2	<0.2	0.600	11.8	26.3	20
ASR109/BL	<0.1	0.5	0.7	0.8	4.6	<0.2	<0.2	2.4	13.0	1.12	<0.2	<0.2	0.3	0.180	1.6	1.0	19
67531	<0.1	2.0	0.5	1.1	2.3	<0.2	<0.2	4.5	6.8	1.56	<0.2	<0.2	<0.2	0.320	3.8	9.0	11
67532	<0.1	6.2	1.2	5.7	9.8	<0.2	<0.2	4.0	16.5	5.67	<0.2	<0.2	<0.2	1.05	12.6	42.1	27
67533	<0.1	2.7	0.6	4.3	6.3	<0.2	<0.2	4.4	11.2	3.41	<0.2	<0.2	<0.2	0.670	8.5	25.3	21
67534	<0.1	1.5	0.7	3.0	6.8	<0.2	<0.2	3.5	9.6	2.38	<0.2	<0.2	<0.2	0.680	8.6	22.0	25
67535	<0.1	2.1	0.5	2.4	5.3	<0.2	<0.2	4.7	9.2	10.4	<0.2	<0.2	<0.2	0.500	9.0	21.7	21
67536	<0.1	1.3	0.4	2.1	2.7	<0.2	<0.2	2.9	6.2	2.07	<0.2	<0.2	<0.2	1.59	5.2	15.0	27
67537	<0.1	1.3	0.4	2.1	2.9	<0.2	<0.2	2.8	6.5	2.36	<0.2	<0.2	<0.2	1.48	5.4	17.1	21
67538	<0.1	2.8	0.7	3.5	6.1	<0.2	<0.2	3.4	9.9	2.87	<0.2	0.6	<0.2	0.700	7.4	14.3	23
67539	0.6	1.3	0.5	2.5	5.0	<0.2	<0.2	4.0	8.0	3.26	<0.2	<0.2	0.2	1.54	9.2	27.6	14
67540	<0.1	1.8	0.5	3.1	4.7	<0.2	<0.2	3.0	8.1	3.04	<0.2	<0.2	<0.2	0.610	7.1	25.6	25
67541	<0.1	2.7	0.7	4.3	7.1	<0.2	<0.2	3.6	12.2	3.14	<0.2	<0.2	<0.2	0.570	7.6	17.1	27
67542	<0.1	2.8	0.7	3.5	6.1	<0.2	<0.2	3.3	10.4	2.89	<0.2	<0.2	<0.2	0.560	7.3	9.2	25
67543	<0.1	11.8	1.1	9.5	25.6	<0.2	<0.2	2.9	24.8	9.94	<0.2	2.5	<0.2	1.78	24.5	71.1	49
67544	<0.1	3.3	0.8	4.2	7.6	<0.2	<0.2	5.5	13.3	4.23	<0.2	<0.2	<0.2	0.860	10.2	37.0	31
67545	<0.1	2.9	0.7	4.7	8.7	<0.2	<0.2	1.5	11.7	5.51	<0.2	<0.2	0.2	0.670	13.1	38.3	29
67546	<0.1	5.8	0.9	5.7	13.2	<0.2	<0.2	1.0	15.4	6.60	<0.2	<0.2	0.4	0.770	13.6	39.7	40
67547	<0.1	5.4	0.9	5.9	12.7	<0.2	<0.2	2.7	15.0	5.49	<0.2	<0.2	<0.2	1.94	11.0	43.2	41
67548	<0.1	3.5	0.7	3.3	7.4	<0.2	<0.2	3.8	11.1	3.59	<0.2	<0.2	<0.2	1.22	8.2	28.0	25
67549	<0.1	3.5	0.9	4.6	9.7	<0.2	<0.2	2.8	13.0	4.42	<0.2	<0.2	<0.2	0.910	8.5	48.9	34

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Report No: G-09-179

Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Partial Digestion and Boron

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
ASR209/BM	<0.1	1.4	0.6	0.7	4.5	<0.2	<0.2	2.0	12.2	2.49	<0.2	<0.2	0.2	1.19	4.4	1.2	95
67550	<0.1	4.4	0.7	5.1	15.4	<0.2	<0.2	1.1	15.4	5.87	<0.2	<0.2	<0.2	1.08	10.5	39.3	70
67551	<0.1	3.4	0.8	4.7	7.5	<0.2	<0.2	3.3	12.6	4.20	<0.2	<0.2	<0.2	0.590	8.6	30.8	21
67552	<0.1	3.3	0.6	4.1	8.4	<0.2	<0.2	2.3	12.0	4.16	<0.2	<0.2	<0.2	0.770	8.9	30.7	20
67553	<0.1	1.9	0.4	1.8	3.8	<0.2	<0.2	1.1	4.4	1.70	<0.2	<0.2	<0.2	0.190	5.0	14.1	16
67554	<0.1	1.2	0.4	2.5	4.8	<0.2	<0.2	3.5	8.2	2.97	<0.2	<0.2	<0.2	0.500	7.8	29.8	28
67555	<0.1	2.1	0.9	3.2	4.4	<0.2	<0.2	4.5	12.3	2.90	<0.2	<0.2	0.2	0.430	8.4	28.6	17
67556	<0.1	4.0	0.9	6.3	12.5	<0.2	<0.2	1.7	15.0	4.18	<0.2	<0.2	<0.2	0.740	13.8	50	34
67557	<0.1	5.3	0.9	9.3	7.9	<0.2	<0.2	3.1	13.0	6.83	<0.2	<0.2	<0.2	0.590	14.1	44.8	29
67559	<0.1	1.5	0.4	2.4	2.4	<0.2	<0.2	2.1	5.2	2.17	<0.2	<0.2	<0.2	0.230	5.2	14.8	15
67560	<0.1	2.0	0.5	2.5	3.7	<0.2	<0.2	6.4	9.5	2.24	<0.2	<0.2	<0.2	0.180	5.4	17.2	14
67561	<0.1	1.0	0.3	1.8	2.0	<0.2	<0.2	1.9	5.1	1.26	<0.2	<0.2	<0.2	0.210	3.6	8.1	12
67562	<0.1	2.8	0.7	3.1	5.6	<0.2	<0.2	3.7	9.1	2.62	<0.2	<0.2	0.5	0.770	8.3	10.5	21
67563	<0.1	2.8	0.7	3.1	5.5	<0.2	<0.2	4.1	10.0	2.96	<0.2	<0.2	<0.2	0.650	7.8	19.3	20
67564	<0.1	2.8	0.6	3.4	4.8	<0.2	<0.2	3.5	8.9	3.09	<0.2	<0.2	<0.2	0.420	7.1	26.6	27
67565	<0.1	6.0	1.0	8.1	22.8	<0.2	<0.2	<0.1	17.5	9.79	<0.2	<0.2	<0.2	1.65	11.0	77.9	97
67566	<0.1	7.1	0.9	3.1	7.2	<0.2	<0.2	6.0	10.3	3.88	<0.2	0.3	0.5	0.820	14.6	29.9	26
67567	<0.1	0.8	0.4	1.7	2.7	<0.2	<0.2	4.0	6.7	1.93	<0.2	<0.2	0.2	0.150	5.1	18.9	22
67568	<0.1	6.5	0.9	8.1	12.5	<0.2	<0.2	2.2	19.4	6.42	<0.2	<0.2	0.2	0.850	12.6	45.9	37
67565 R	<0.1	6.0	1.1	7.8	22.0	<0.2	<0.2	<0.1	17.0	9.58	<0.2	<0.2	0.3	1.8	10.9	74.4	101
ASR109/BL	<0.1	0.6	0.6	0.7	4.5	<0.2	<0.2	2.3	12.8	1.10	<0.2	<0.2	0.3	0.19	1.5	1.0	15
67569	<0.1	6.0	1.0	4.2	9.3	<0.2	<0.2	4.6	13.8	3.54	<0.2	<0.2	<0.2	0.900	8.4	21.1	23
67570	<0.1	3.9	0.6	5.4	7.1	<0.2	<0.2	2.4	12.0	4.39	<0.2	<0.2	<0.2	0.780	8.6	28.2	32
67571	<0.1	10.3	1.0	5.5	10.0	<0.2	<0.2	3.9	16.2	5.16	<0.2	<0.2	0.7	1.12	14.4	47.5	41
67572	<0.1	4.1	0.6	4.7	8.5	<0.2	<0.2	2.7	13.6	4.24	<0.2	<0.2	<0.2	1.77	9.9	25.8	28
67573	<0.1	5.0	0.6	4.3	9.6	<0.2	<0.2	2.6	12.8	4.61	<0.2	<0.2	<0.2	0.760	8.2	28.7	40
67574	<0.1	2.8	0.6	2.7	5.3	<0.2	<0.2	3.1	8.9	2.41	<0.2	<0.2	<0.2	0.360	7.4	10.8	26
67575	<0.1	4.8	0.7	4.6	10.5	<0.2	<0.2	3.0	12.0	4.44	<0.2	<0.2	0.2	0.950	9.3	27.8	52
67575 R	<0.1	4.8	0.7	5.0	10.9	<0.2	<0.2	3.0	12.8	4.59	<0.2	<0.2	0.3	0.910	10.0	29.3	49

Partial Digestion: A 2.00 g pulp is digested with 2.25 ml of 8:1 HNO3:HCl for 1 hour at 95 C.
The standards are ASR109 and ASR209.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BL and BM.

SRC Geoanalytical Laboratories
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Report No: G-09-179

Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

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ICP1 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

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Fission Energy Corp.
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Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
ASR109/BL	<0.2	0.50	17	<0.2	0.01	<0.2	14	<1	501	5	0.3	0.2	<0.2	0.53	1	1.2	<0.5
52501	0.6	5.39	629	0.7	1.71	0.5	27	5	183	6	1.1	0.8	0.5	1.79	6	2.0	1.0
52502	<0.2	9.45	1330	1.2	2.88	0.9	40	10	150	20	2.0	1.6	0.9	3.53	11	3.0	2.0
52503	<0.2	5.73	552	0.8	1.30	0.5	30	5	167	8	1.4	1.0	0.6	2.07	6	2.2	1.8
52504	<0.2	5.20	533	0.7	1.47	0.3	25	4	171	5	1.0	0.7	0.5	1.79	6	1.7	1.4
52505	<0.2	7.32	584	1.0	1.57	0.5	27	3	218	6	0.9	0.6	0.5	1.79	8	1.7	1.1
52506	<0.2	6.74	517	0.9	3.03	0.6	29	6	184	8	1.1	0.8	0.6	2.04	7	1.9	1.1
52507	<0.2	8.70	622	1.1	2.93	0.8	39	8	172	16	1.8	1.4	0.8	2.93	10	3.0	1.8
52508	<0.2	7.19	522	1.0	1.11	0.6	36	7	215	12	1.6	1.2	0.7	2.77	9	2.6	1.7
67501	<0.2	7.82	750	1.1	6.67	0.6	34	5	163	10	1.4	1.1	0.7	3.15	9	2.5	1.7
67502	<0.2	6.68	465	0.9	4.98	0.5	29	4	238	5	1.0	0.7	0.6	2.06	7	1.8	1.2
67504	0.2	7.02	1130	1.1	0.71	0.6	34	5	209	6	1.3	0.9	0.7	2.96	8	2.3	1.1
67505	<0.2	5.65	1030	0.9	0.59	0.4	32	5	188	5	1.2	0.8	0.6	2.78	7	2.0	1.0
67506	<0.2	5.90	898	0.8	0.53	0.6	27	7	217	8	1.2	0.8	0.6	2.56	6	2.1	0.8
67507	<0.2	6.69	954	0.8	0.67	0.6	30	7	148	12	1.5	1.1	0.7	2.60	7	2.3	1.2
67508	<0.2	5.14	908	0.7	0.43	0.4	22	5	174	6	1.0	0.7	0.5	1.92	5	1.7	0.6
67509	<0.2	8.30	1160	1.0	0.71	0.7	35	7	124	14	1.7	1.3	0.8	3.24	9	2.6	1.7
67510	<0.2	7.15	982	0.9	0.58	0.6	30	6	140	9	1.4	1.0	0.6	2.39	7	2.3	1.1
67511	<0.2	9.06	969	1.2	0.79	1.0	42	8	135	18	2.1	1.6	0.9	3.49	11	3.1	2.4
67512	<0.2	6.34	776	1.0	0.62	0.5	28	7	164	5	1.1	0.8	0.6	2.28	7	1.9	0.9
ASR209/BM	<0.2	2.52	21	0.3	0.02	<0.2	47	1	431	5	1.8	1.3	0.4	0.84	3	2.4	5.6
67513	<0.2	4.96	1070	0.6	0.45	0.4	25	3	196	5	1.1	0.8	0.5	1.74	5	1.8	1.2
67514	<0.2	7.61	972	1.0	0.70	0.8	35	8	209	14	1.8	1.2	0.8	2.96	8	2.7	1.4
67515	<0.2	8.90	904	1.2	0.89	0.9	42	9	111	17	2.0	1.6	0.8	3.35	10	2.9	2.4
67516	<0.2	8.68	1190	1.1	10.2	0.6	39	10	142	25	1.8	1.3	0.9	5.16	12	2.9	1.8
67517	<0.2	6.23	720	0.9	1.76	0.4	27	5	201	5	1.0	0.7	0.5	2.10	7	1.8	1.0
67518	<0.2	6.61	907	0.8	0.78	0.6	33	6	163	10	1.5	1.2	0.7	2.40	7	2.4	1.6
67519	<0.2	7.39	775	1.0	2.72	0.6	33	5	157	6	1.2	0.8	0.6	2.34	8	2.1	1.6
67520	<0.2	7.65	900	1.0	2.71	0.6	38	7	154	9	1.5	1.2	0.7	2.72	8	2.5	2.3
67521	<0.2	7.39	942	1.0	1.42	0.6	35	6	165	10	1.4	1.0	0.7	2.33	8	2.3	1.3
67522	<0.2	7.55	935	1.0	1.09	0.8	45	8	130	12	1.8	1.5	0.8	2.82	8	2.9	2.4
67523	<0.2	15.3	788	2.0	3.30	1.2	71	11	118	36	2.9	2.4	1.3	5.27	20	4.4	3.1
67524	<0.2	6.76	542	1.0	3.32	0.5	27	6	191	6	1.0	0.7	0.5	1.96	7	1.8	1.0
67525	<0.2	7.28	628	0.9	2.78	0.8	33	6	150	13	1.6	1.2	0.7	2.37	8	2.4	1.6
67526	<0.2	6.91	599	0.9	1.54	0.5	29	5	199	7	1.1	0.8	0.6	2.35	8	1.8	1.2
67527	<0.2	4.80	400	0.7	0.67	0.3	20	2	193	3	0.6	0.4	0.4	1.33	5	1.2	0.8
67528	<0.2	6.65	511	0.9	1.29	0.5	29	5	238	7	1.0	0.7	0.5	2.19	7	1.9	1.0
67529	<0.2	6.54	585	0.8	3.01	1.0	30	5	216	13	1.4	1.0	0.6	2.21	7	2.3	1.1
67530	<0.2	9.82	720	1.3	1.76	1.0	50	9	151	21	2.4	1.9	1.0	4.05	12	3.7	2.8
67526 R	<0.2	6.87	602	0.9	1.53	0.5	31	4	200	7	1.1	0.8	0.6	2.36	8	1.9	1.3

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Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
ASR109/BL	<0.2	0.52	20	<0.2	0.02	<0.2	13	<1	479	5	0.3	0.2	<0.2	0.54	1	1.2	<0.5
67531	<0.2	3.69	325	0.5	0.49	0.2	15	2	266	2	0.5	0.3	0.3	1.16	4	1.1	<0.5
67532	<0.2	8.05	645	1.2	1.69	0.6	35	7	195	9	1.4	1.0	0.7	3.39	10	2.3	1.4
67533	<0.2	5.39	419	0.7	1.81	0.4	23	5	228	6	0.9	0.6	0.5	1.66	6	1.7	0.8
67534	<0.2	7.48	532	0.9	7.74	0.5	29	4	224	6	1.0	0.7	0.5	1.75	7	1.8	1.5
67535	<0.2	7.82	587	1.1	0.99	0.5	33	4	235	5	1.1	0.8	0.5	1.72	8	2.0	2.0
67536	<0.2	7.54	567	1.0	0.93	0.5	30	2	172	3	0.7	0.4	0.5	1.33	7	1.4	1.3
67537	<0.2	6.42	488	0.9	0.89	0.4	24	2	166	3	0.7	0.4	0.4	1.27	6	1.3	1.0
67538	<0.2	6.06	528	0.8	3.92	0.5	25	5	183	6	0.9	0.6	0.5	1.63	6	1.6	1.0
67539	0.7	9.31	675	1.2	1.18	0.6	46	3	230	6	1.2	0.8	0.6	2.22	10	2.2	2.2
67540	<0.2	5.87	438	0.7	0.95	0.4	26	5	185	5	1.0	0.7	0.5	1.54	6	1.7	1.4
67541	<0.2	5.49	426	0.7	3.07	0.5	24	6	170	7	1.0	0.7	0.5	1.62	6	1.6	0.9
67542	<0.2	5.94	473	0.9	4.33	0.5	25	3	183	6	0.9	0.6	0.5	1.69	6	1.6	0.9
67543	<0.2	6.88	599	1.1	2.14	1.1	49	9	172	26	2.6	1.8	1.0	3.56	9	4.0	2.3
67544	<0.2	8.45	649	1.1	1.01	0.6	38	4	269	8	1.1	0.8	0.6	2.49	9	2.1	1.6
67545	<0.2	9.65	715	1.9	1.22	0.6	57	6	139	9	1.7	1.2	0.8	2.65	11	3.0	2.3
67546	<0.2	8.74	566	1.2	2.67	0.5	40	8	82	14	1.8	1.4	0.8	3.40	10	2.8	2.1
67547	<0.2	7.33	512	1.0	2.66	0.6	34	7	171	13	1.5	1.2	0.7	2.72	8	2.5	1.5
67548	<0.2	5.90	485	0.8	2.51	0.5	28	4	224	7	1.1	0.8	0.5	2.15	6	2.0	1.4
67549	<0.2	7.93	530	1.1	2.22	0.6	32	5	215	10	1.2	0.9	0.6	2.37	9	2.1	1.3
ASR209/BM	<0.2	2.44	22	0.3	0.02	<0.2	46	<1	425	5	1.8	1.3	0.4	0.86	3	2.4	5.6
67550	<0.2	11.0	633	1.4	4.74	0.9	49	10	144	25	2.3	1.8	1.0	3.79	14	3.6	2.4
67551	<0.2	6.10	493	0.8	1.97	0.5	26	6	187	7	1.0	0.7	0.5	1.98	6	1.7	1.1
67552	<0.2	5.86	492	0.8	2.34	0.5	31	5	160	8	1.3	1.0	0.6	2.13	7	2.3	2.0
67553	<0.2	6.24	475	0.8	1.45	0.4	22	3	73	3	0.7	0.5	0.4	1.42	6	1.2	1.3
67554	<0.2	8.58	625	1.0	0.95	0.6	39	4	213	5	1.1	0.8	0.5	1.66	9	2.0	1.9
67555	<0.2	8.74	708	1.1	1.11	0.5	32	3	264	5	0.9	0.6	0.6	2.15	9	1.8	1.3
67556	<0.2	9.26	600	1.1	10.8	0.7	37	8	157	12	1.5	1.1	0.7	2.64	10	2.4	1.8
67557	<0.2	7.32	571	1.0	0.72	0.5	30	9	181	8	1.2	0.8	0.6	2.73	9	1.9	1.3
67559	<0.2	6.65	498	0.9	1.09	0.4	23	3	114	3	0.7	0.5	0.4	1.33	7	1.3	1.2
67560	<0.2	4.64	389	0.6	0.62	0.3	17	2	302	4	0.6	0.4	0.4	1.30	5	1.2	<0.5
67561	<0.2	4.39	335	0.6	1.48	0.3	19	2	115	2	0.6	0.4	0.3	0.95	4	1.1	0.6
67562	<0.2	7.84	592	1.0	3.72	0.4	32	4	218	6	1.0	0.7	0.5	2.15	8	1.9	1.4
67563	<0.2	5.31	431	0.7	2.44	0.3	23	4	231	6	0.9	0.7	0.5	1.87	5	1.7	0.9
67564	<0.2	5.35	470	0.7	0.97	0.4	25	4	201	5	0.9	0.6	0.4	1.73	6	1.5	0.9
67565	<0.2	15.6	695	2.0	0.81	1.0	64	10	128	28	2.8	2.2	1.2	5.09	20	4.0	3.4
67566	<0.2	6.32	712	0.8	0.63	0.4	27	3	263	7	0.9	0.6	0.5	2.57	7	1.6	1.2
67567	<0.2	5.14	399	0.6	0.66	0.3	23	2	252	3	0.8	0.6	0.4	1.34	5	1.6	1.6
67568	<0.2	7.37	620	1.0	1.98	0.6	35	10	191	13	1.5	1.2	0.7	2.90	9	2.4	1.5
67565 R	<0.2	15.6	695	2.0	0.80	1.0	64	10	126	28	2.8	2.3	1.2	5.01	20	4.0	3.4

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Fission Energy Corp.
Attention: Ross McElroy
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Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
ASR109/BL	<0.2	0.52	19	<0.2	0.02	<0.2	14	<1	480	5	0.3	0.2	<0.2	0.55	1	1.2	<0.5
67569	<0.2	6.41	1090	0.9	4.15	0.5	33	6	238	10	1.3	0.9	0.6	3.42	8	2.2	1.3
67570	<0.2	6.90	508	0.9	1.65	0.5	30	7	242	10	1.3	0.9	0.6	2.50	8	2.2	1.2
67571	<0.2	7.70	937	1.1	0.96	0.6	38	7	231	11	1.6	1.2	0.8	3.58	10	2.6	1.6
67572	<0.2	6.57	779	0.8	3.03	0.5	30	6	178	10	1.4	1.0	0.7	2.30	7	2.4	1.6
67573	<0.2	6.80	768	0.8	2.80	0.6	36	7	231	13	1.6	1.3	0.7	2.80	8	2.6	2.5
67574	<0.2	6.87	662	0.9	3.76	0.4	28	5	227	6	1.1	0.8	0.6	2.46	7	1.9	1.4
67575	<0.2	7.50	605	1.0	2.90	0.6	33	7	207	14	1.4	1.1	0.7	2.72	9	2.3	1.7
67575 R	<0.2	7.54	593	1.0	2.80	0.7	32	6	202	13	1.4	1.1	0.6	2.67	9	2.3	1.3

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ICP1 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
ASR109/BL	<0.4	0.039	5	9	0.022	0.004	3	<0.01	<1	5	12	0.013	2	<1	<1	1.0	<1
52501	<0.4	1.33	14	12	0.547	0.026	5	0.88	2	11	14	0.084	9	2	3	2.4	<1
52502	0.7	2.06	21	32	1.12	0.048	3	0.89	7	17	29	0.148	13	3	8	3.9	<1
52503	0.4	1.25	15	14	0.661	0.031	5	0.81	4	12	13	0.100	9	2	4	2.5	<1
52504	<0.4	1.26	12	10	0.533	0.028	5	1.00	2	10	8	0.074	7	1	2	2.2	<1
52505	<0.4	1.92	14	13	0.561	0.028	7	1.42	1	10	10	0.089	11	2	2	2.2	<1
52506	<0.4	1.57	15	16	0.988	0.034	5	1.03	3	11	15	0.086	10	2	3	2.8	<1
52507	0.6	1.74	20	28	1.32	0.047	5	0.80	6	16	21	0.131	12	3	6	3.6	<1
52508	0.5	1.40	18	22	0.649	0.040	6	0.73	5	15	17	0.125	11	2	5	2.9	<1
67501	0.4	1.71	19	21	1.82	0.055	5	1.19	3	14	16	0.172	10	2	5	4.3	<1
67502	<0.4	1.66	16	14	1.17	0.064	6	1.30	2	11	9	0.091	10	2	2	3.3	<1
67504	<0.4	2.08	18	13	0.296	0.030	7	1.31	2	13	13	0.180	13	2	3	2.3	<1
67505	<0.4	1.67	16	11	0.255	0.030	7	1.00	3	12	12	0.182	12	2	2	2.2	<1
67506	<0.4	1.68	13	14	0.329	0.032	7	0.84	3	11	14	0.108	10	1	3	2.0	<1
67507	0.5	1.75	15	19	0.506	0.028	5	0.74	5	13	17	0.112	11	2	4	2.4	<1
67508	<0.4	1.64	10	11	0.247	0.026	6	0.72	2	9	11	0.087	9	1	2	1.7	<1
67509	0.6	2.28	18	24	0.624	0.029	4	0.83	7	15	23	0.138	12	2	6	2.7	<1
67510	0.4	1.96	15	20	0.475	0.022	5	0.86	5	12	17	0.111	10	2	4	2.4	<1
67511	0.7	2.02	22	31	0.804	0.031	5	0.76	9	18	26	0.150	13	3	8	3.4	<1
67512	<0.4	1.80	14	11	0.270	0.039	5	1.24	1	11	13	0.118	11	2	2	2.0	<1
ASR209/BM	0.6	0.205	20	7	0.039	0.004	3	0.01	6	15	11	0.044	6	3	1	2.6	1
67513	<0.4	1.63	12	10	0.239	0.029	5	0.74	3	10	10	0.075	8	2	2	2.0	<1
67514	0.6	1.95	17	23	0.556	0.035	7	0.81	6	15	21	0.127	12	2	5	2.8	<1
67515	0.7	1.95	21	31	0.844	0.030	4	0.76	9	18	24	0.146	12	3	7	3.4	<1
67516	0.5	1.99	22	22	3.85	0.092	4	1.57	2	17	16	0.217	12	3	7	5.6	<1
67517	<0.4	1.71	14	12	0.668	0.044	6	1.21	1	10	12	0.088	10	2	2	2.2	<1
67518	0.5	1.71	16	18	0.518	0.024	5	0.80	5	13	18	0.104	11	2	4	2.6	<1
67519	<0.4	1.94	17	16	0.949	0.037	4	1.39	2	13	10	0.102	11	2	3	3.0	<1
67520	0.4	1.98	19	21	1.01	0.036	5	1.11	5	15	17	0.135	10	3	5	3.3	<1
67521	<0.4	2.14	18	18	0.644	0.033	5	0.98	4	14	16	0.102	13	2	4	2.8	<1
67522	0.6	1.78	22	23	0.750	0.030	4	0.79	7	18	18	0.124	11	3	6	3.5	<1
67523	1.0	2.84	39	67	2.10	0.046	3	0.65	13	28	41	0.180	17	5	14	5.8	<1
67524	<0.4	1.71	14	14	0.943	0.031	5	1.20	2	10	11	0.091	10	2	3	2.7	<1
67525	0.5	1.63	17	22	1.06	0.032	5	0.80	5	14	19	0.111	11	2	5	3.2	<1
67526	<0.4	1.59	15	15	0.620	0.037	5	1.18	2	11	11	0.094	10	2	3	2.4	<1
67527	<0.4	1.26	10	7	0.298	0.018	5	1.00	<1	7	7	0.053	7	1	1	1.4	<1
67528	<0.4	1.65	14	14	0.639	0.041	6	1.10	2	11	14	0.083	10	2	3	2.2	<1
67529	<0.4	1.52	15	18	0.968	0.031	8	0.82	4	12	19	0.097	11	2	4	3.1	<1
67530	0.8	1.76	26	35	1.10	0.058	5	0.62	9	21	25	0.182	13	4	9	4.3	<1
67526 R	<0.4	1.59	15	14	0.618	0.038	6	1.18	2	12	12	0.093	11	2	3	2.4	<1

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Report No: G-09-179

Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
ASR109/BL	<0.4	0.044	5	8	0.031	0.004	3	<0.01	<1	4	13	0.013	2	<1	<1	0.9	<1
67531	<0.4	0.897	7	5	0.169	0.011	6	0.82	<1	5	7	0.046	5	1	1	1.1	<1
67532	<0.4	1.96	18	16	0.775	0.045	6	1.29	2	14	16	0.165	13	2	4	2.5	<1
67533	<0.4	1.29	11	11	0.737	0.029	7	0.89	2	9	11	0.073	9	2	2	2.0	<1
67534	<0.4	1.96	16	14	3.12	0.029	6	1.55	2	11	9	0.083	9	3	3	4.0	<1
67535	<0.4	2.09	17	14	0.564	0.019	6	1.52	2	12	10	0.074	20	2	3	2.2	<1
67536	<0.4	2.12	15	10	0.370	0.020	4	1.70	<1	11	8	0.066	11	2	1	1.8	<1
67537	<0.4	1.76	12	9	0.394	0.015	3	1.40	<1	9	6	0.066	9	2	1	1.6	<1
67538	<0.4	1.56	13	11	1.30	0.029	5	1.16	1	10	11	0.073	9	2	2	2.6	<1
67539	<0.4	2.74	24	13	0.582	0.027	6	2.03	2	16	8	0.097	14	4	3	2.7	<1
67540	<0.4	1.34	13	13	0.490	0.022	5	0.93	3	10	9	0.074	9	2	3	1.9	<1
67541	<0.4	1.35	12	12	1.06	0.029	5	0.93	2	9	14	0.072	9	2	2	2.4	<1
67542	<0.4	1.52	13	11	1.36	0.028	5	1.16	1	10	11	0.073	9	2	2	2.7	<1
67543	0.7	1.20	23	22	0.792	0.021	5	0.47	7	22	24	0.165	17	4	7	4.2	<1
67544	<0.4	2.27	19	16	0.486	0.022	8	1.49	3	14	13	0.109	12	3	3	2.4	<1
67545	0.5	2.48	29	25	0.860	0.020	3	1.32	5	22	15	0.114	15	5	5	3.6	<1
67546	0.6	1.81	21	23	1.48	0.026	2	0.98	6	17	18	0.105	13	3	6	3.4	<1
67547	0.5	1.54	17	20	1.35	0.045	5	0.82	5	14	15	0.107	11	2	5	3.0	<1
67548	<0.4	1.34	14	12	1.18	0.032	6	0.92	3	11	11	0.077	9	2	3	2.5	<1
67549	<0.4	1.77	16	17	1.05	0.041	6	1.07	3	13	13	0.090	11	2	4	2.6	<1
ASR209/BM	0.6	0.205	20	7	0.041	0.004	2	0.01	6	14	14	0.044	6	3	1	2.3	<1
67550	0.8	2.06	26	38	2.53	0.036	5	0.71	9	21	24	0.144	13	4	9	4.7	<1
67551	<0.4	1.51	13	13	0.841	0.046	5	0.98	2	10	12	0.081	11	2	3	2.1	<1
67552	0.4	1.40	15	14	1.15	0.034	4	0.86	3	12	12	0.093	10	2	3	2.6	<1
67553	<0.4	1.70	11	9	0.744	0.025	1	1.30	1	8	4	0.072	8	1	2	1.6	<1
67554	<0.4	2.40	19	15	0.473	0.023	5	1.71	2	15	9	0.104	13	3	3	2.5	<1
67555	<0.4	2.49	17	13	0.558	0.040	6	1.84	1	12	12	0.094	12	2	2	2.0	<1
67556	<0.4	2.28	21	24	4.02	0.049	4	1.33	4	15	14	0.102	13	3	5	5.4	<1
67557	<0.4	1.70	14	17	0.475	0.052	5	1.02	3	11	15	0.107	13	2	4	1.9	<1
67559	<0.4	1.76	11	10	0.463	0.021	3	1.41	<1	8	6	0.061	10	1	2	1.5	<1
67560	<0.4	1.22	8	7	0.262	0.026	9	0.93	<1	6	9	0.050	7	1	1	1.2	<1
67561	<0.4	1.18	10	7	0.784	0.015	2	0.94	<1	7	4	0.051	6	1	1	1.5	<1
67562	<0.4	2.15	17	13	1.76	0.038	5	1.64	1	12	10	0.088	11	2	2	2.9	<1
67563	<0.4	1.29	12	10	1.34	0.029	6	0.97	1	9	11	0.074	8	1	2	2.2	<1
67564	<0.4	1.39	12	10	0.520	0.029	5	0.93	2	9	9	0.068	9	2	2	1.7	<1
67565	1.0	2.34	33	53	1.27	0.028	1	0.46	15	25	28	0.141	16	5	14	4.3	<1
67566	<0.4	1.46	13	13	0.380	0.022	9	1.01	4	10	11	0.100	9	2	3	1.7	<1
67567	<0.4	1.18	11	10	0.326	0.020	6	0.93	2	9	8	0.060	7	1	2	1.6	<1
67568	0.4	1.59	17	21	0.937	0.047	5	0.80	5	14	21	0.116	12	2	5	2.8	<1
67565 R	1.0	2.34	33	53	1.26	0.028	1	0.46	15	25	27	0.141	16	5	14	4.3	<1

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Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
ASR109/BL	<0.4	0.044	5	9	0.031	0.004	3	<0.01	<1	5	14	0.013	2	<1	<1	0.9	<1
67569	<0.4	1.34	18	14	1.09	0.040	8	0.97	3	13	15	0.104	10	2	4	3.2	<1
67570	<0.4	1.45	15	19	0.720	0.048	7	0.83	4	12	19	0.100	10	2	4	2.4	<1
67571	0.5	1.79	19	20	0.530	0.032	7	1.08	4	15	19	0.140	13	3	4	2.6	<1
67572	<0.4	1.59	16	16	0.899	0.031	5	0.93	4	13	17	0.103	10	2	4	2.8	<1
67573	0.5	1.40	18	18	0.928	0.035	6	0.80	5	15	19	0.114	11	3	5	3.2	<1
67574	<0.4	1.54	15	14	1.11	0.036	5	1.25	2	11	13	0.079	9	2	3	2.8	<1
67575	0.4	1.58	17	20	1.00	0.037	6	0.91	5	14	16	0.116	10	2	5	3.0	<1
67575 R	0.4	1.52	17	19	0.977	0.036	6	0.88	5	13	16	0.118	10	2	5	2.9	<1

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Fission Energy Corp.
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Samples: 89

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ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
ASR109/BL	42	<1	<0.3	1	0.026	<2	3	1	2	0.3	<1	39
52501	136	<1	<0.3	4	0.166	<2	35	1	8	0.9	38	53
52502	180	<1	<0.3	6	0.429	<2	95	<1	16	1.8	80	93
52503	126	<1	<0.3	4	0.230	<2	43	<1	10	1.1	39	75
52504	138	<1	<0.3	3	0.162	<2	26	<1	7	0.8	28	66
52505	173	<1	<0.3	4	0.135	<2	30	<1	6	0.7	31	55
52506	142	<1	<0.3	4	0.184	<2	42	<1	8	0.9	43	58
52507	143	<1	<0.3	5	0.340	<2	81	<1	14	1.6	66	81
52508	121	<1	<0.3	5	0.293	<2	62	<1	12	1.4	52	78
67501	205	<1	<0.3	5	0.284	<2	52	<1	11	1.2	56	89
67502	181	<1	<0.3	4	0.150	<2	26	<1	8	0.7	36	61
67504	165	<1	<0.3	4	0.132	<2	59	<1	10	1.0	43	56
67505	138	<1	<0.3	4	0.130	<2	51	<1	9	0.9	40	51
67506	130	<1	<0.3	3	0.184	<2	56	<1	9	1.0	51	48
67507	125	<1	<0.3	4	0.273	<2	76	<1	12	1.3	57	62
67508	123	<1	<0.3	2	0.150	<2	47	<1	7	0.8	41	37
67509	144	<1	<0.3	5	0.347	<2	96	<1	13	1.5	66	71
67510	136	<1	<0.3	4	0.260	<2	74	<1	11	1.2	60	56
67511	132	<1	<0.3	6	0.416	2	115	<1	16	1.9	87	97
67512	147	<1	<0.3	3	0.115	<2	38	<1	8	0.8	43	47
ASR209/BM	172	<1	0.5	23	0.229	2	14	<1	14	1.4	2	242
67513	131	<1	<0.3	4	0.229	<2	40	<1	8	0.9	31	63
67514	138	<1	<0.3	5	0.278	<2	90	<1	13	1.5	67	69
67515	131	<1	<0.3	6	0.408	2	115	<1	16	1.8	92	97
67516	236	<1	<0.3	6	0.327	<2	58	<1	15	1.5	67	80
67517	155	<1	<0.3	4	0.138	<2	33	<1	8	0.8	40	56
67518	129	<1	<0.3	4	0.281	<2	68	<1	12	1.3	50	75
67519	174	<1	<0.3	5	0.191	<2	41	<1	9	1.0	42	73
67520	166	<1	<0.3	5	0.304	<2	62	<1	11	1.2	55	105
67521	149	<1	<0.3	5	0.228	<2	68	<1	10	1.1	53	63
67522	130	<1	<0.3	6	0.379	<2	85	<1	14	1.6	63	97
67523	172	<1	<0.3	10	0.633	<2	163	<1	24	2.5	110	131
67524	159	<1	<0.3	4	0.145	<2	34	<1	8	0.8	38	52
67525	139	<1	<0.3	4	0.252	<2	70	<1	12	1.3	57	65
67526	158	<1	<0.3	4	0.192	<2	38	<1	8	0.9	36	61
67527	116	<1	<0.3	3	0.097	<2	16	<1	4	0.5	18	41
67528	139	<1	<0.3	4	0.171	<2	35	<1	8	0.8	34	58
67529	137	<1	<0.3	4	0.203	<2	71	<1	11	1.1	59	57
67530	130	<1	<0.3	7	0.471	3	99	<1	19	2.2	92	115
67526 R	157	<1	<0.3	4	0.192	<2	38	<1	8	0.9	36	63

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ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
ASR109/BL	40	<1	<0.3	1	0.027	<2	3	1	2	0.3	1	38
67531	101	<1	<0.3	2	0.064	<2	12	1	3	0.4	12	32
67532	163	<1	<0.3	5	0.201	<2	43	<1	11	1.1	47	65
67533	122	<1	<0.3	3	0.148	<2	29	<1	7	0.7	35	46
67534	182	<1	<0.3	5	0.182	<2	28	<1	7	0.7	39	75
67535	162	<1	<0.3	6	0.200	<2	28	<1	7	0.8	29	88
67536	172	<1	<0.3	5	0.103	<2	17	<1	4	0.5	21	61
67537	149	<1	<0.3	4	0.104	<2	16	<1	4	0.5	22	51
67538	147	<1	<0.3	4	0.140	<2	26	<1	6	0.7	37	48
67539	185	<1	<0.3	9	0.232	<2	29	<1	8	0.9	36	97
67540	121	<1	<0.3	3	0.183	<2	33	<1	7	0.8	33	62
67541	126	<1	<0.3	3	0.146	<2	27	<1	7	0.7	36	49
67542	148	<1	<0.3	4	0.136	<2	23	<1	6	0.7	37	49
67543	108	<1	<0.3	7	0.333	2	66	<1	19	2.0	80	101
67544	161	<1	<0.3	6	0.207	<2	37	<1	8	0.9	40	75
67545	158	<1	<0.3	9	0.312	<2	54	<1	12	1.3	46	95
67546	133	<1	<0.3	6	0.324	<2	65	<1	13	1.5	56	86
67547	124	<1	<0.3	5	0.266	<2	53	<1	11	1.2	55	70
67548	124	<1	<0.3	4	0.201	<2	33	<1	8	0.9	42	68
67549	141	<1	<0.3	5	0.212	<2	45	<1	9	1.0	52	53
ASR209/BM	165	<1	0.6	23	0.223	2	14	<1	12	1.4	2	239
67550	143	<1	<0.3	7	0.487	<2	94	<1	18	1.9	82	103
67551	127	<1	<0.3	3	0.162	<2	31	<1	8	0.8	40	53
67552	119	<1	<0.3	4	0.220	<2	37	<1	10	1.0	44	85
67553	131	<1	<0.3	4	0.135	<2	18	<1	5	0.6	23	56
67554	176	<1	<0.3	10	0.196	<2	31	<1	7	0.8	35	88
67555	189	<1	<0.3	5	0.146	<2	27	<1	6	0.6	33	62
67556	188	<1	<0.3	7	0.271	<2	56	<1	11	1.2	61	76
67557	130	<1	<0.3	4	0.206	<2	51	<1	8	1.0	46	58
67559	151	<1	<0.3	3	0.110	<2	19	<1	5	0.5	23	48
67560	111	<1	<0.3	2	0.088	<2	16	<1	4	0.4	21	34
67561	110	<1	<0.3	2	0.071	<2	11	<1	4	0.4	18	32
67562	179	<1	<0.3	6	0.160	<2	24	<1	7	0.7	35	71
67563	125	<1	<0.3	3	0.153	<2	25	<1	6	0.7	34	49
67564	122	<1	<0.3	3	0.140	<2	25	<1	6	0.7	30	50
67565	116	<1	<0.3	10	0.711	2	145	<1	22	2.5	87	137
67566	131	<1	<0.3	4	0.181	<2	64	<1	6	0.8	33	56
67567	119	<1	<0.3	3	0.180	<2	24	<1	6	0.7	24	79
67568	133	<1	<0.3	5	0.270	<2	59	<1	12	1.3	57	69
67565 R	115	<1	<0.3	10	0.707	2	140	<1	22	2.6	88	135

SRC Geoanalytical Laboratories
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Report No: G-09-179

Fission Energy Corp.
Attention: Ross McElroy
PO #/Project: Caribau Mountains
Samples: 89

Date of Report: March 17, 2009

ICP1 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
ASR109/BL	40	<1	<0.3	1	0.028	<2	3	<1	2	0.3	1	36
67569	165	<1	<0.3	5	0.228	<2	40	<1	10	1.1	49	68
67570	130	<1	<0.3	4	0.226	<2	53	<1	9	1.0	45	61
67571	156	<1	<0.3	5	0.249	8	67	<1	12	1.3	52	71
67572	149	<1	<0.3	4	0.256	<2	49	<1	11	1.2	48	75
67573	145	<1	<0.3	5	0.318	<2	55	<1	12	1.4	55	113
67574	177	<1	<0.3	4	0.188	<2	30	<1	8	0.8	40	65
67575	155	<1	<0.3	5	0.262	<2	64	<1	11	1.2	51	66
67575 R	152	<1	<0.3	5	0.260	<2	62	<1	11	1.2	53	62

Total Digestion: A 0.250 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue dissolved in dilute HNO3.
The standards are ASR109 and ASR209.

Fission Energy Corp.

CM WATER SAMPLES

Corelation Table 1

CM 22 H2O	Sn	Mo	B	Cd	Zn	Pb	Ag	U	Sr	Ba	Mn	Cu	Be	As	Se	Fe	V	Ti	Co	Ni	Cr
Mo	1.0	1.0																			
B	0.2	0.3	1.0																		
Cd	0.0	0.0	-0.2	1.0																	
Zn	0.0	0.0	0.0	0.0	1.0																
Pb	0.0	0.0	-0.1	0.8	0.0	1.0															
Ag	0.0	0.0	0.3	0.0	-0.1	0.1	1.0														
U	0.3	0.4	0.7	-0.3	-0.1	-0.1	0.3	1.0													
Sr	0.3	0.4	0.8	-0.3	-0.1	-0.1	0.3	0.9	1.0												
Ba	0.2	0.3	0.5	-0.1	0.0	0.2	0.5	0.7	0.7	1.0											
Mn	0.0	0.1	0.1	-0.1	0.0	0.3	0.4	0.6	0.5	0.8	1.0										
Cu	0.1	0.2	0.1	0.1	0.6	0.4	0.2	0.2	0.1	0.5	0.5	1.0									
Be	-0.1	0.0	0.0	0.0	0.3	0.3	0.5	0.0	0.0	0.6	0.5	0.8	1.0								
As	-0.2	-0.1	-0.1	0.2	0.1	0.6	0.2	0.0	0.0	0.5	0.6	0.7	0.8	1.0							
Se	0.2	0.2	0.3	0.2	0.1	0.4	0.4	0.5	0.5	0.8	0.6	0.6	0.5	0.7	1.0						
Fe	-0.1	-0.1	-0.1	0.0	0.0	0.4	0.3	0.2	0.1	0.6	0.7	0.6	0.8	0.9	0.7	1.0					
V	-0.1	0.0	0.1	-0.1	0.0	0.3	0.4	0.3	0.2	0.7	0.7	0.6	0.8	0.9	0.7	1.0	1.0				
Ti	0.1	0.2	0.1	-0.1	0.1	0.3	0.5	0.4	0.3	0.8	0.8	0.7	0.8	0.8	0.8	0.9	1.0	1.0			
Co	0.0	0.1	0.1	-0.1	0.0	0.3	0.6	0.4	0.3	0.8	0.8	0.7	0.9	0.8	0.7	0.9	0.9	1.0	1.0		
Ni	0.1	0.2	0.2	0.0	0.1	0.4	0.5	0.4	0.3	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	
Cr	0.0	0.1	0.1	0.0	0.2	0.4	0.4	0.3	0.2	0.7	0.7	0.8	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9	1.0
Al	0.0	0.1	0.1	-0.1	0.1	0.4	0.5	0.3	0.2	0.8	0.8	0.7	0.9	0.8	0.7	0.9	1.0	1.0	1.0	0.9	0.9

S. Zastavnikovich, P. Geo.

Apr.'09

Fission Energy Corp.

CM Stream Sediments

Correlation Table 2

81Sed.s	U	U	Ag	AG	Mo	MO	Cr	Na2	Ba	Te	MnC	Al2O3	As	B	Be	Bi	Co	CO	Ga	Li	Ni	NI	Pb	PB	Sc	V	V	Y	Cu	CU	Zn	ZN	Cd	Se	CaO	MgC	Sr	K2O	Fe2O3%
U	0.2	1.0																																					
Ag	0.1	0.0	1.0																			81Sed.s	P2O5	Hf	La	Nb	Th	TiO2	Zr	Ce								
AG	0.1	0.0	1.0	1.0																		Hf	0.6															
Mo	-0.3	0.0	0.0	0.1	1.0																	La	0.7	0.9	1.0													
MO	-0.1	0.1	0.0	0.1	0.8	1.0																Nb	0.6	0.8	0.8	1.0												
Cr	-0.2	0.0	0.1	0.1	0.8	0.8	1.0															Th	0.5	0.8	0.9	0.6	1.0											
Na2O%	-0.2	-0.1	0.2	0.2	0.3	0.0	0.2	1.0														TiO2	0.7	0.9	0.9	1.0	0.7	1.0										
Ba	0.3	0.2	0.0	0.0	-0.2	0.0	-0.2	-0.1	1.0													Zr	0.6	1.0	0.9	0.8	0.8	0.9	1.0									
Te	0.1	0.3	0.0	0.0	0.0	0.1	-0.1	0.1	0.5	1.0												Ce	0.7	0.9	1.0	0.8	0.9	0.9	0.9	1.0								
MnO%	0.2	0.0	-0.1	-0.1	-0.2	0.0	0.0	0.0	0.3	0.3	1.0											Pr	0.6	0.8	0.9	0.7	0.9	0.8	0.8	0.9								
Al2O3%	0.4	0.2	0.0	0.0	-0.6	-0.4	-0.3	0.0	0.3	0.1	0.3	1.0										Nd	0.8	0.9	1.0	0.9	0.9	0.9	0.9	1.0								
As	0.5	0.4	-0.1	-0.1	-0.1	0.1	-0.2	-0.5	0.7	0.4	0.2	0.2	1.0									Sm	0.7	0.7	0.8	0.7	0.7	0.8	0.7	0.8								
B	0.5	0.2	0.0	-0.1	-0.6	-0.3	-0.4	-0.5	0.2	0.0	0.2	0.8	0.4	1.0								Eu	0.8	0.8	0.9	0.9	0.7	0.9	0.8	0.9								
Be	0.4	0.2	0.0	0.0	-0.5	-0.4	-0.4	0.0	0.3	0.1	0.3	0.9	0.3	0.7	1.0							Gd	0.8	0.8	0.9	0.9	0.7	0.9	0.8	0.9								
Bi	0.5	0.3	-0.1	-0.1	-0.2	0.1	-0.1	-0.3	0.5	0.3	0.5	0.4	0.7	0.5	0.5	1.0						Dy	0.8	0.8	0.9	0.9	0.7	0.9	0.8	0.9								
Co	0.5	0.2	-0.1	-0.1	-0.4	-0.1	-0.4	-0.5	0.5	0.2	0.5	0.5	0.8	0.6	0.5	0.8	1.0					Ho	0.6	0.8	0.8	0.9	0.6	0.9	0.8	0.8								
CO	0.5	0.2	-0.1	-0.1	-0.6	-0.2	-0.4	-0.5	0.5	0.2	0.5	0.6	0.6	0.7	0.6	0.7	0.9	1.0				Er	0.8	0.8	0.9	0.9	0.7	1.0	0.8	0.9								
Ga	0.4	0.2	0.0	0.0	-0.6	-0.3	-0.3	-0.1	0.3	0.1	0.4	1.0	0.3	0.8	0.9	0.5	0.5	0.7	1.0			Yb	0.8	0.8	0.8	0.9	0.7	1.0	0.8	0.9								
Li	0.5	0.2	-0.1	-0.1	-0.7	-0.3	-0.4	-0.4	0.3	0.1	0.3	0.9	0.4	0.9	0.8	0.5	0.7	0.8	0.9	1.0																		
Ni	0.6	0.2	-0.1	-0.1	-0.4	-0.1	-0.3	-0.5	0.5	0.2	0.4	0.5	0.7	0.7	0.5	0.8	0.9	0.8	0.6	0.7	1.0																	
NI	0.5	0.2	-0.1	-0.1	-0.5	-0.1	-0.3	-0.5	0.5	0.1	0.3	0.7	0.6	0.9	0.7	0.7	0.8	0.9	0.8	0.9	0.9	1.0																
Pb	0.5	0.2	-0.1	-0.1	-0.4	-0.1	-0.3	-0.5	0.4	0.1	0.2	0.6	0.7	0.7	0.6	0.6	0.8	0.8	0.6	0.7	0.8	0.8	1.0															
PB	0.4	0.2	0.0	0.1	-0.3	-0.2	-0.2	0.1	0.4	0.1	0.2	0.7	0.4	0.5	0.8	0.5	0.5	0.6	0.7	0.6	0.6	0.6	0.8	1.0														
Sc	0.5	0.2	0.0	-0.1	-0.7	-0.3	-0.5	-0.5	0.4	0.1	0.4	0.9	0.5	0.9	0.8	0.6	0.7	0.8	0.9	1.0	0.8	0.9	0.8	0.6	1.0													
V	0.5	0.2	-0.1	-0.1	-0.3	0.0	-0.4	-0.4	0.7	0.4	0.3	0.4	0.8	0.5	0.4	0.7	0.8	0.7	0.4	0.5	0.8	0.7	0.7	0.5	0.6	1.0												
V	0.5	0.2	-0.1	-0.1	-0.6	-0.2	-0.4	-0.5	0.6	0.2	0.3	0.7	0.6	0.9	0.7	0.6	0.8	0.8	0.8	0.9	0.8	0.9	0.8	0.6	0.9	0.8	1.0											
Y	0.6	0.3	-0.1	-0.1	-0.6	-0.3	-0.5	-0.5	0.5	0.2	0.4	0.8	0.6	0.9	0.7	0.6	0.8	0.9	0.8	0.9	0.9	0.9	0.8	0.7	1.0	0.7	0.9	1.0										
Cu	0.6	0.2	-0.1	-0.1	-0.6	-0.2	-0.4	-0.5	0.4	0.2	0.4	0.7	0.6	0.8	0.6	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.6	0.9	0.7	0.8	0.9	1.0									
CU	0.6	0.2	-0.1	-0.1	-0.6	-0.3	-0.4	-0.5	0.4	0.2	0.4	0.8	0.5	0.9	0.7	0.6	0.7	0.8	0.8	0.9	0.8	0.9	0.7	0.6	0.9	0.6	0.9	0.9	1.0	1.0								
Zn	0.6	0.3	-0.1	-0.1	-0.4	-0.1	-0.4	-0.5	0.6	0.3	0.3	0.6	0.7	0.7	0.5	0.7	0.9	0.8	0.6	0.7	0.9	0.8	0.8	0.6	0.8	0.9	0.9	0.8	0.8	0.8	1.0							
ZN	0.6	0.2	-0.1	-0.1	-0.6	-0.2	-0.4	-0.5	0.5	0.2	0.4	0.7	0.6	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.9	0.9	0.8	0.6	0.9	0.8	0.9	1.0	0.9	0.9	0.9	1.0						
Cd	0.6	0.2	0.0	0.0	-0.5	-0.2	-0.4	-0.4	0.4	0.1	0.3	0.7	0.6	0.8	0.7	0.6	0.8	0.7	0.8	0.8	0.9	0.9	0.8	0.7	0.9	0.7	0.9	0.9	0.9	0.9	0.8	0.9	1.0					
Se	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	-0.1	0.0	0.3	0.1	0.1	0.2	0.3	0.2	0.0	0.1	0.3	0.2	0.3	0.3	0.2	0.2	0.1	0.3	0.4	0.3	0.2	0.2	0.3	1.0				
CaO%	0.0	-0.1	-0.1	-0.1	-0.3	-0.1	-0.1	0.2	0.0	0.1	0.6	0.2	-0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	-0.1	0.0	0.2	0.0	0.0	0.2	0.3	0.3	-0.1	0.2	0.1	0.0	1.0			
MgO%	0.1	0.0	-0.1	-0.1	-0.4	-0.2	-0.2	0.1	0.0	0.2	0.6	0.4	-0.1	0.3	0.3	0.3	0.2	0.4	0.4	0.4	0.2	0.3	0.1	0.2	0.4	0.1	0.2	0.4	0.5	0.5	0.1	0.4	0.3	0.0	0.9	1.0		
Sr	0.0	0.0	0.1	0.1	-0.1	0.0	0.0	0.7	0.3	0.3	0.5	0.4	-0.1	-0.1	0.4	0.1	0.0	0.1	0.3	0.1	0.0	0.0	-0.1	0.3	0.1	0.1	0.0	0.1	0.1	0.1	-0.1	0.1	0.1	-0.2	0.6	0.5	1.0	
K2O%	0.2	0.0	0.1	0.2	-0.3	-0.2	-0.2	0.5	0.4	0.1	0.2	0.8	0.1	0.3	0.7	0.2	0.2	0.3	0.7	0.5	0.3	0.4	0.3	0.7	0.4	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.5	-0.2	0.1	0.3	0.6	1.0
Fe2O3%	0.5	0.3	-0.1	-0.1	-0.5	-0.2	-0.3	-0.3	0.6	0.4	0.6	0.8	0.6	0.7	0.7	0.7	0.7	0.8	0.9	0.8	0.8	0.8	0.7	0.6	0.9	0.7	0.8	0.9	0.9	0.9	0.8	0.9	0.7	0.2	0.3	0.4	0.3	0.4	1.0
P2O5%	0.5	0.3	-0.1	0.0	-0.4	-0.1	-0.3	-0.2	0.7	0.5	0.5	0.6	0.7	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.8	0.7	0.7	0.7	0.8	0.7	0.2	0.2	0.3	0.3	0.4	0.9
Hf	0.4	0.2	0.0	0.0	-0.6	-0.4	-0.4	-0.2	0.3	0.1	0.2	0.8	0.3	0.7	0.7	0.3	0.5	0.6	0.8	0.8	0.5	0.7	0.6	0.7	0.8	0.4	0.7	0.8	0.7	0.7	0.6	0.7	0.7	0.2	0.2	0.3	0.2	0.5	0.7
La	0.5	0.2	0.1	0.1	-0.6	-0.3	-0.4	-0.1	0.4	0.1	0.3	0.9	0.4	0.8	0.9	0.5	0.5	0.7	0.9	0.9	0.6	0.8	0.7	0.8	0.9	0.5	0.8	0.9	0.7	0.8	0.6	0.8	0.8	0.1	0.2	0.4	0.3	0.7	0.8
Nb	0.5	0.2	-0.1	-0.1	-0.6	-0.3	-0.4	-0.6	0.4	0.1	0.2	0.8	0.5	0.9	0.7	0.5	0.7	0.8	0.8	0.9	0.8	0.9	0.8	0.6	0.9	0.6	0.9	0.9	0.8	0.9	0.8	0.9	0.8	0.2	0.0	0.2	-0.1	0.4	0.8
Th	0.4	0.1	0.2	0.2	-0.5	-0.3	-0.3	0.1	0.3	0.1	0.2	0.9	0.2	0.6	0.8	0.3	0.4	0.5	0.8	0.7	0.4	0.5	0.5	0.8	0.7	0.3	0.6	0.7	0.6	0.6	0.5	0.6	0.7	0.2	0.2	0.4	0.4	0.7	0.6
TiO2%	0.5	0.2	0.0	-0.1	-0.7	-0.4	-0.4	-0.5	0.4	0.1	0.3	0.8	0.4	0.9	0.8	0.5	0.7	0.8	0.9	0.9	0.7	0.9	0.7	0.6	1.0	0.6	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.1	0.1	0.4	0.1	0.4	0.8
Zr	0.4	0.2	0.1	0.1	-0.6	-0.3	-0.3	-0.2	0.3	0.1	0.2	0.8	0.2	0.7	0.7	0.3	0.5	0.6	0.8	0.8	0.6	0.7	0.6	0.7	0.8	0.4	0.7	0.8	0.7	0.7	0.6	0.7	0.7	0.2	0.2	0.4	0.2	0.5	0.7
Ce	0.5	0.2	0.1	0.1	-0.6	-0.3	-0.4	-0.1	0.4	0.1	0.3	0.9	0.4	0.8	0.9	0.5	0.6	0.7	0.9	0.9	0.6	0.8	0.7	0.8	0.9	0.5	0.8	0.9	0.8	0.8	0.7	0.8	0.8	0.2	0.1	0.3	0.2	0.7	0.8
Pr	0.4	0.3	0.1	0.1	-0.5	-0.3	-0.3	-0.1	0.3	0.1	0.2	0.8	0.3	0.7	0.8	0.4	0.5	0.6	0.8	0.8	0.5	0.7	0.6	0.7	0.8	0.4	0.6	0.8	0.7	0.7	0.6	0.7	0.7	0.2	0.2	0.4	0.3	0.6	0.7
Nd	0.5	0.2	0.0	0.0	-0.6	-0.3	-0.4	-0.2	0.4	0.1	0.3	0.9	0.5	0.8	0.9	0.6	0.7	0.8	0.9	0.9	0.7	0.8	0.7	0.8	0.9	0.6	0.8	0.9	0.8	0.9	0.7	0.9	0.9	0.3	0.2	0.4	0.2	0.6	0.9
Sm	0.4	0.1	0.0	0.0	-0.6	-0.3	-0.4	-0.1	0.3	0.2	0.6	0.7	0.3	0.6	0.7	0.5	0.6	0.7	0.8	0.8	0.7	0.7	0.5	0.6	0.8	0.5	0.7	0.8	0.8	0.8	0.5	0.8	0.7	0.2	0.7	0.8	0.5	0.5	0.8
Eu	0.6	0.3	-0.1	-0.1	-0.6	-0.3	-0.4	-0.4	0.5	0.2	0.4	0.8	0.6	0.8	0.8	0.7	0.8	0.9	0.9	0.9	0.8	0.9	0.8	0.7	0.9	0.7	0.9	1.0	0.9	0.9	0.8	0.9	0.9	0.2	0.2	0.4	0.2	0.5	0.9
Gd	0.6	0.3	0.0	0.0	-0.6	-0.2	-0.4	-0.4	0.5	0.2	0.4	0.8	0.6	0.8	0.8	0.6	0.7	0.8	0.8	0.9	0.8	0.9	0.8	0.7	0.9	0.7	0.9	1.0	0.9	0.9	0.8	0.9	0.9	0.3	0.2	0.4	0.1	0.4	0.9
Dy	0.6	0.3	0.0	0.0	-0.6	-0.3	-0.4	-0.5	0.5	0.2	0.3	0.8	0.6	0.9	0.7	0.6	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.7	0.9	0.7	0.9	1.0	0.9	0.9	0.8	1.0	0.9	0.3	0.1	0.3	0.0	0.4	0.9
Ho	0.5	0.3	-0.1	-0.1	-0.7	-0.4	-0.5	-0.5	0.4	0.2	0.2	0.7	0.5	0.8	0.7	0.5	0.7	0.8	0.8	0.9	0.8	0.9	0.7	0.5	0.9	0.6	0.9	0.9	0.8	0.9	0.8	0.9	0.8	0.2	0.0	0.3	-0.1	0.3	0.8
Er	0.6	0.3	0.0	-0.1	-0.7	-0.3	-0.5	-0.5	0.5	0.2	0.3	0.8	0.6	0.9	0.7	0.6	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.7	1.0	0.7	0.9	1.0	0.9	0.9	0.8	1.0	0.9	0.2	0.1	0.4	0.0	0.4	0.9
Yb	0.6	0.3	0.0	-0.1	-0.6	-0.3	-0.5	-0.5	0.5	0.2	0.3	0.8	0.6	0.9	0.7	0.6	0.8	0.9	0.8	0.9	0.9	0.9	0.8	0.6	1.0	0.7	0.9	1.0	0.9	0.9	0.8	1.0	0.9	0.2	0.1	0.3	0.0	0.4	0.9

S. Zastavnikovich, P. Geo.

Apr.'09

APPENDIX II

Sample Locations

CM Sample Locations

SEDIMENTS:					
SAMPLE_NUM	LAB_ID	X_NAD83	Y_NAD83	Team	COMMENTS
0703-B	**67501**	623268	6535769		03-JUL-08 12:04:19PM STRSEDSMP
0704-4	**67502**	629526	6519599	GK/OB	04-JUL-08 12:51:14PM SAND no ID
0706-1	**67504**	575750	6545826	GK/CL	06-JUL-08 11:02:01AM STRSMPL43
0706-2	**67505**	575769	6545816	GK/CL	06-JUL-08 11:14:36ASTRSMPL43A
0706-3	**67506**	573235	6544606	GK/CL	06-JUL-08 12:57:59PM STRSPL42
0706-4	**67507**	573198	6544498	GK/CL	06-JUL-08 1:45:01PM STRSPL43B
0706-5	**67508**	568974	6542694	GK/CL	06-JUL-08 2:26:48PM STRSPL39A
0706-A	**67509**	578444	6544068	OB/SC	06-JUL-08 10:53:42AMSTRSPL44
0706-B	**67510**	571334	6543662	OB/SC	06-JUL-08 12:16:54PMSTRSPL41
0706-C	**67511**	569884	6543414	OB/SC	06-JUL-08 1:36:07PMSTRSPL40mud
0706-D	**67512**	569884	6543414	OB/SC	06-JUL-08 1:36:07PMSTRSPL40sand
0706-E	**67513**	569791	6543430	OB/SC	06-JUL-08 2:03:53PMSTRSPL40down
0706-F	**67514**	564315	6540507	OB/SC	06-JUL-08 2:27:20PMSTRSPL38
0706-G	**67515**	563865	6537706	OB/SC	06-JUL-08 2:59:53PMSTRSPL37down
0706-H	**67516**	563806	6537827	OB/SC	06-JUL-08 3:32:56PMSTRSPL37up
0708-1	**67517**	562114	6535991	GK/CL	08-JUL-08 12:02:03PMSTRSPLUP35
0708-2	**67518**	561793	6536102	GK/CL	08-JUL-08 12:53:14PMDOWN35
0708-3	**67519**	558947	6536021	GK/CL	08-JUL-08 1:37:11PMSTRSPL34
0708-A	**67520**	563048	6536825	OB/SC	08-JUL-08 12:01:53PMSTRSPL36up
0708-B	**67521**	562899	6536759	OB/SC	08-JUL-08 12:29:29PMSTRSPL36down
0708-C	**67522**	557775	6535295	OB/SC	08-JUL-08 2:14:19PMSTRSPL33up
0708-D	**67523**	557271	6535394	OB/SC	08-JUL-08 2:42:06PMSTRSPL33down
0708-E	**67524**	555545	6535638		17-JUL-08 11:41:42AMSTRSPL32
0708-F	**67525**	556004	6527958	OB/SC	08-JUL-08 4:10:55PMSTRSPL50
0709-1	**67526**	546178	6525725	GK/CL	09-JUL-08 11:05:13AMSTRSPL51
0709-2	**67527**	552496	6550256	GK/CL	09-JUL-08 12:26:00PMLKSPL
0709-3	**67528**	552468	6550269	GK/CL	09-JUL-08 12:34:25PMSTRSPL26
0709-A	**67529**	555111	6524858	OB/SC	09-JUL-08 10:33:55AMSTRSPL53
0709-B	**67530**	553836	6547247	OB/SC	09-JUL-08 11:16:07AMSTRSPL29
0709-C	**67531**	553898	6547144	OB/SC	09-JUL-08 11:30:25AMLKSPL
0709-D	**67532**	556457	6549479	OB/SC	09-JUL-08 12:14:44PMSTRSPL28
0710-1	**67533**	530359	6549506	GK/CL	10-JUL-08 11:35:20AMSTRSPL24
0710-2	**67534**	552108	6566512	GK/CL	10-JUL-08 12:45:03PMSTRSPL14
0710-3	**67535**	552007	6566531	GK/CL	10-JUL-08 12:58:41PMSTRSPL14A
0710-4	**67536**	542075	6562113	GK/CL	10-JUL-08 1:49:09PMSTRSPL19A
0710-5	**67537**	542060	6562106	GK/CL	10-JUL-08 1:51:01PMSTRSPL19B
0710-A	**67538**	528683	6548779	OB/SC	10-JUL-08 11:22:51AMSTRSPL25
0710-C	**67539**	549353	6565116	OB/SC	10-JUL-08 1:13:34PMSTRSPL15
0710-D	**67540**	546113	6565363	OB/SC	aprx loc'n based on map-GPS problmSTRSPL16
0710-E	**67541**	537549	6559055	OB/SC	10-JUL-08 2:00:18PMSTRSPL22down
0710-F	**67542**	537588	6559072	OB/SC	10-JUL-08 2:03:36PMSTRSPL22up
0711-1	**67543**	537127	6563054	GK/CL	11-JUL-08 11:08:11AMSTRSPL20A
0711-2	**67544**	536918	6562869	GK/CL	11-JUL-08 11:30:40AMSTRSPL20B
0711-3	**67545**	537482	6569503	GK/CL	11-JUL-08 12:13:11PMSTRSPL13A
0711-4	**67546**	537393	6569470	GK/CL	11-JUL-08 12:40:03PMSTRSPL13B
0711-5	**67547**	541990	6579321	GK/CL	11-JUL-08 1:34:38PMSTRSPL11A
0711-6	**67548**	541999	6579284	GK/CL	11-JUL-08 1:46:33PMSTRSPL11B
0711-7	**67549**	542158	6579170	GK/CL	11-JUL-08 2:11:54PMSTRSPL11C
0711-8	**67550**	542173	6579167		11-JUL-08 2:33:16PMSHL
0711-A	**67551**	532737	6559198	OB/SC	11-JUL-08 11:45:38AMSTRSPL21down
0711-B	**67552**	532764	6559273	OB/SC	11-JUL-08 11:59:40AMSTRSPL21up
0711-C	**67553**	540050	6570371	OB/SC	11-JUL-08 12:47:37PMSTRSPL12
0712-1	**67554**	551462	6559687	GK/CL	12-JUL-08 11:21:42AMSTRSPL18A
0712-2	**67555**	551429	6559477	GK/CL	12-JUL-08 11:44:11AMSTRSPL18B
0712-3	**67556**	563693	6583327	GK/CL	12-JUL-08 12:53:52PMSTRSPL7A
0712-4	**67557**	573834	6573593	GK/CL	12-JUL-08 1:32:15PMSTRSPL9

0712-B	**67559**	563162	6585851	OB/SC	12-JUL-08 12:49:07PMSTRSPL6
0712-C	**67560**	564296	6580670	OB/SC	12-JUL-08 1:14:11PMSTRSPL8
SEDIMENTS:					
SAMPLE_NUM	**LAB_ID**	**X_NAD83**	**Y_NAD83**	**Team**	**COMMENTS**
0713-1	**67561**	563740	6609691	GK/CL	13-JUL-08 12:34:54PMSTRSPL4
0713-2	**67562**	580879	6607333	GK/CL	13-JUL-08 3:06:36PMSTRSPL2
0713-3	**67563**	580702	6607371	GK/CL	13-JUL-08 3:18:38PMSTRSPL2A
0713-4	**67564**	582034	6606513	GK/CL	13-JUL-08 3:55:26PMSTRSPL3
0713-A	**67565**	574661	6609625	OB/SC	13-JUL-08 2:36:37PMSTRSPL1
0714-1	**67566**	580464	6569435	GK/CL	14-JUL-08 12:03:52PMSTRSPL10
0714-A	**67567**	581297	6594137		
0715-1	**67568**	570952	6518233	GK/CL	15-JUL-08 12:37:18PMSTRSED55
0715-4	**67569**	580471	6508414		15-JUL-08 3:57:48PMSNDSPL
0715-A	**67570**	566548	6520337	OB/SC	15-JUL-08 12:53:06PMSTRSPL54
0716-2	**67571**	609078	6509934	GK/CL	16-JUL-08 11:52:30AMSTRSPL61
0716-3	**67572**	610205	6506667	GK/CL	16-JUL-08 12:20:08PMSTRSPL63above
0716-5	**67573**	610242	6506518	GK/CL	16-JUL-08 12:40:27PMSTRSPL63A
0716-7	**67574**	622814	6511153	GK/CL	16-JUL-08 1:21:22PMSTRSPL64
0716-9	**67575**	634053	6509412	GK/CL	16-JUL-08 4:01:19PMSTRSPL69
0716-A	**52501**	606616	6510479	OB/SC	16-JUL-08 11:45:17AMSTRSPL60
0716-C	**52502**	613676	6511082	OB/SC	16-JUL-08 1:21:59PMSTRSPL62
0716-E	**52503**	636168	6511818	OB/SC	16-JUL-08 2:49:12PMSTRSPL71up
0716-G	**52504**	635435	6511125	OB/SC	16-JUL-08 4:54:18PMSTRSPL71down
0716-J	**52505**	635138	6510811	OB/SC	16-JUL-08 5:48:10PMSTRSPL68down
0717-1	**52506**	555545	6535638	GK/CL	17-JUL-08 11:41:42AMSTRSPL32
0717-A	**52507**	556656	6529941		17-JUL-08 11:29:07AM
S-47Collection_pt	**52508**	625192	6540353		
WATER SAMPLES:					
SAMPLE_NUM	**LAB_ID**	**X_NAD83**	**Y_NAD83**	**SAMPLER**	**COMMENTS**
0716-1	**30007**	609081	6509938	2	16-JUL-08 11:50:03AMWTRSPL61
0716-4	**29998**	610205	6506664	2	16-JUL-08 12:26:52PMWTRSPL63
0716-6	**29999**	610237	6506517	2	16-JUL-08 12:45:02PMWTRSPL63A
0716-8	**30000**	622812	6511151	2	16-JUL-08 1:28:58PMWTRSPL64
0716-10	**30001**	634055	6509415	2	16-JUL-08 4:07:54PMWTRSPL69
0716-D	**30003**	613676	6511082	1	16-JUL-08 1:21:59PMWTRSPL60
0716-F	**30004**	635565	6511347	1	16-JUL-08 4:21:35PMWTRSPL71
0716-H	**30005**	635142	6510884	1	16-JUL-08 5:40:45PMWTRSPL68andDUP
0717-2	**30008**	555543	6535640	2	17-JUL-08 11:42:24AMWTRSPL32
0717-3	**30009**	555625	6535677	2	17-JUL-08 11:54:30AMWTRSPL32A
0717-4	**30010**	550946	6550214	2	July 17
0717-5	**30011**	532391	6559306	2	July 17
0717-8	**30013**	528672	6548777	2	17-JUL-08 4:59:18PMWTRSPL25
0717-B	**30014**	606616	6510479	1	16-JUL-08 11:45:17AMWTRSPL60
0718-1	**30018**	570518	6517519	1	18-JUL-08 11:31:28AMWTRSPL55
0718-2	**30019**	566490	6520406	1	18-JUL-08 11:41:39AMWTRSPL54
0718-4	**30021**	555213	6525226	1	18-JUL-08 11:53:17AMWTRSPL53
0718-5	**30022**	552925	6547133	1	18-JUL-08 12:11:20PMWTRSPL75
0718-6	**30023**	555125	6569093	1	18-JUL-08 12:32:47PMWTRSPL74
0718-7	**30024**	563165	6585854	1	18-JUL-08 1:18:46PMWTRSPL73
0718-8	**30025**	541584	6579550	1	18-JUL-08 1:39:26PMWTRSPL11
0718-9	**30026**	529856	6549822	1	18-JUL-08 2:11:00PMWTRSPL24
(No Coordinates)					
0716-B	**30002**	*	*		*
0717-C	**30015**	*	*		*
0717-D	**30016**	*	*		*

0717-E	**30017**	*	*		*
(Duplicates)					
0716-I	**30006**	635142	6510884	OB/SC	0716-H data used. 0716-I is a dup.
0717-7	**30012**	532391	6559306	GK/CL	July 17
0718-3	**30020**	566490	6520406	OB/GK	0718-2 data used. 0718-3 is a dup.

APPENDIX C

List of Field Personnel/Contractors

LIST OF FIELD PERSONNEL/CONTRACTORS

Dahrouge Geological Consulting Ltd.
Suite 18, 10509 - 81 Ave Edmonton, Alberta, T6E-1X7
Ph: 780-434-9808 Fax: 780-439-9789
E-mail: admin@economicgeology.com

Gabe Kassos	Project manager
Olivia Buchan	Field Assistant
Chelsea Leslie	Field Assistant
Shauna Coombs	Field Assistant

Delta Helicopters Ltd.
St. Albert Airport
Site 6 Box 1 RR 1 Stn Main
St. Albert, AB T8N 1M8

Paul Leeson	Pilot
Tony Kraychy	Engineer

APPENDIX D

Mineral Assessment Expenditure Breakdown By Type Of Work

MINERAL ASSESSMENT
EXPENDITURE BREAKDOWN BY TYPE OF WORK

☐ **Estimated Expenditure** (submitting with **Statement of Intent to File**)

☒ **Actual Expenditure** (**for Part B of Report**; Must match total filed in Part A)

Project Name: Caribou Mountain Property

	AMOUNT
1. Prospecting	$
2. Geological Mapping & Petrography	$
3. Geophysical Surveys	
a. Airborne	$
b. Ground	$
4. Geochemical Surveys	$ **146,597.28**
5. Trenching and Stripping	$
6. Drilling	$
7. Assaying & whole rock analysis	$ **7,764.05**
8. Other Work:	$
SUBTOTAL	$ **154,361.33**
9. Administration (up to 10% of subtotal)	$ **235.22**
TOTAL	$ **154,596.55**

Ross E. McElroy
SUBMITTED BY (Print Name)

9 September 2009
DATE

[redacted]
SIGNATURE