

2010 WORK PROGRAM

CAM CLAIMS, LIVINGSTONE AREA

WHITEHORSE MINING DISTRICT, YUKON

NTS 105E/8

by

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Whitehorse, Yukon

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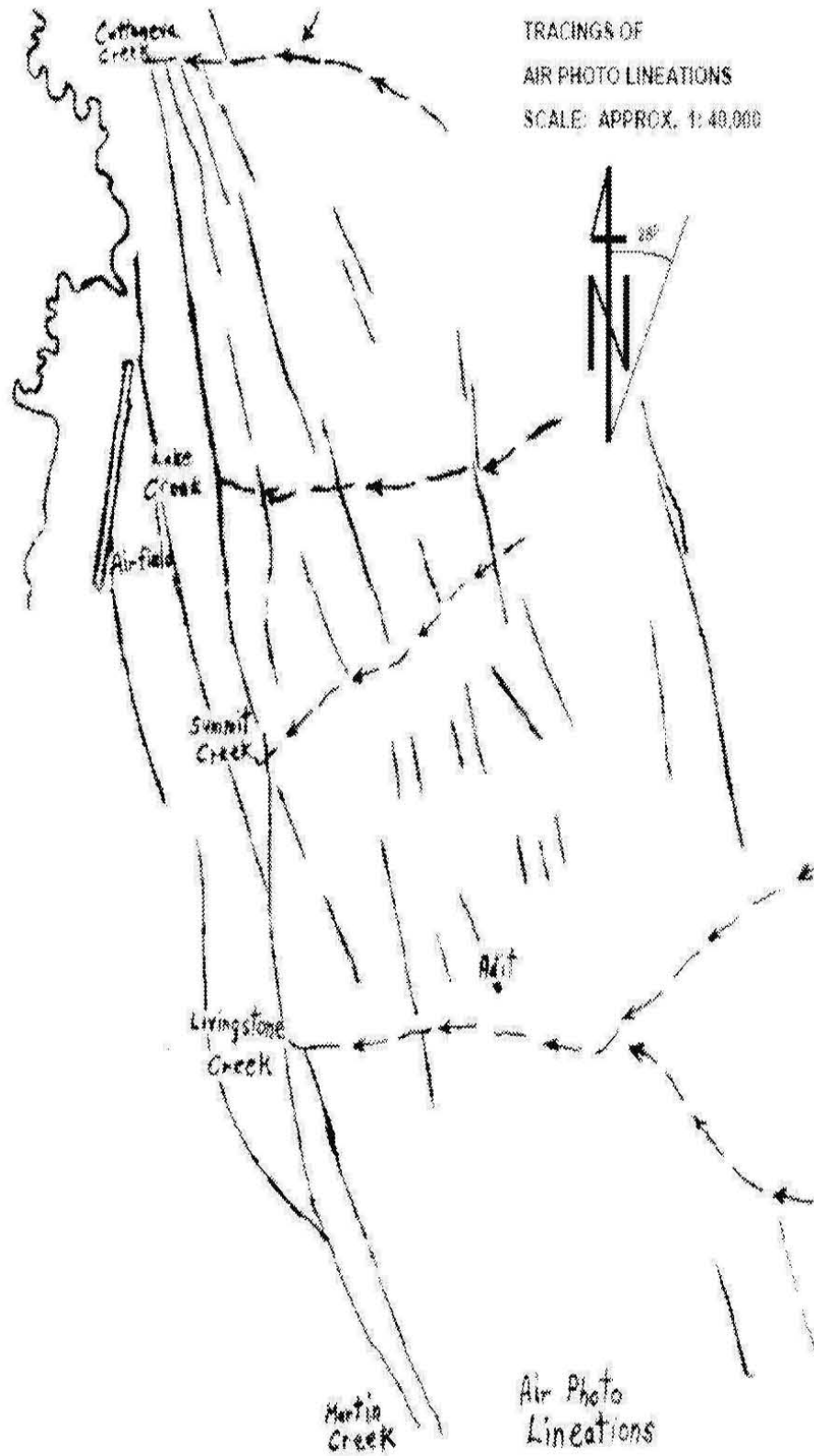
Appendix C -- Invoices Supporting Statement of Costs

INTRODUCTION:

During the winter of 2009 – 2010, I received a phone call from Maurice Colpron, a Yukon Government geologist, who has done a significant amount of bedrock geological mapping in the Livingstone Creek area. He suggested that his work in the area indicated that I should possibly explore my claim block using a different model from that which I had been using since the original claim staking in 1997.

My previous exploration of the property had been centered on finding concentrations of gold along the fractures in the Lower Mississippian or older age calcareous and graphitic metasediments (Snowcap Complex; Colpron) which I believed were the result of doming from the intrusion of an Early Mississippian tonalite-granodiorite intrusive (Colpron, 2005). These fractures are clearly evident in the air photo lineations tracings figure (next page).

Colpron suggested the possibility that the historic placer creeks in the region may be the expression of extensional fracturing from the dextral movement along the D'Abbadie and Big Salmon Faults. His mapping (Open File #2005 – 9) gives evidence for this possibility with his interpreting faults down the canyon at the lower end of Mendocina Creek; another possible fault segment along Livingstone Creek; and another fault extending westward from the D'Abbadie Fault into the area approximately halfway between those two fault segments. The strike of these interpreted extensional faults approximates that of the historic placer creeks. The D'Abbadie Fault has been dated at 96 Ma; the Big Salmon Fault is expected to have a similar age (Colpron, per. comm.).



LOCATION, ACCESS AND CLAIMS:

The original 142 CAM Claims were staked in 1997 to cover 5 of the 6 placer creeks which make up the Livingstone placer camp. Sporadic mining is still being carried on in the camp more than 110 years after the first placer gold was discovered. The CAM Claims are located on NTS Map Sheet 105 E/8 at approximately Latitude $61^{\circ} 19' N$; Longitude $134^{\circ} 17' W$; within the Whitehorse Mining District, Yukon (See Location Map).

Poor exploration results between 1998 and 2000 resulted in more than 50 claims north of Cottoneva Creek being let lapse in the spring of 2005. During the summer of 2005, 65 full and fractional claims were staked adjoining the east and southeast edge of the original CAM Claims. Subsequently, several of these claims have also been let lapse. The claim group presently consists of 80 CAM Claims; 76 in good standing until May 16, 2011 and 4 claims in good standing until May 19, 2011. These claims have been maintained to cover areas in the Lake Creek area and at an old adit site on Livingstone Creek where the best assay values have been obtained (See Claim Map and 2010 Work Areas, pg. 7).

A 75-mile winter road from Lake Laberge, just north of Whitehorse, provides access to the Livingstone Creek area. The Livingstone area has several airstrips so access is usually via fixed-wing aircraft from Whitehorse; approximately 50 air miles (80 kilometres) to the south-southwest. The main Livingstone airstrip is 4000 feet (1220 metres) long and has had DC-3 and Caribou aircraft landed on it. The extensive placer mining in the area has resulted in the presence of cat trails up most of the creeks within the claim block. These trails have become heavily overgrown since 2000, but still offer fairly good access to many areas with all-terrain vehicles.

The claims cover areas extending from the fault escarpment near the eastern edge of the Big Salmon Fault at an elevation of approximately 900 metres (2,950 ft.) to the top of the hills above the headwaters of the creeks at an elevation of approximately 1500 metres (4,920 ft.). The claims are on rounded to steeply sloping hills; the creek canyons have the steepest slopes. Vegetation consists of black spruce, pine, willow and buckbrush.



Claim Information:

<u>Claim Name</u>	<u>Grant Numbers</u>	<u>Expiry Date</u>
CAM 1 – 26	YB 97530 – YB 97555	May 16, 2011
CAM 51 -- 86	YB 97580 – YB 97615	May 16, 2011
CAM 143 – 146	YC 08748 – YC 08751	May 19, 2011
CAM 157 – 159	YC 40019 – YC 40021	May 16, 2011
CAM 161	YC 40023	May 16, 2011
CAM 163	YC 40025	May 16, 2011
CAM 172 – 180	YC 40034 – YC 40042	May 16, 2011

PLACER GOLD:

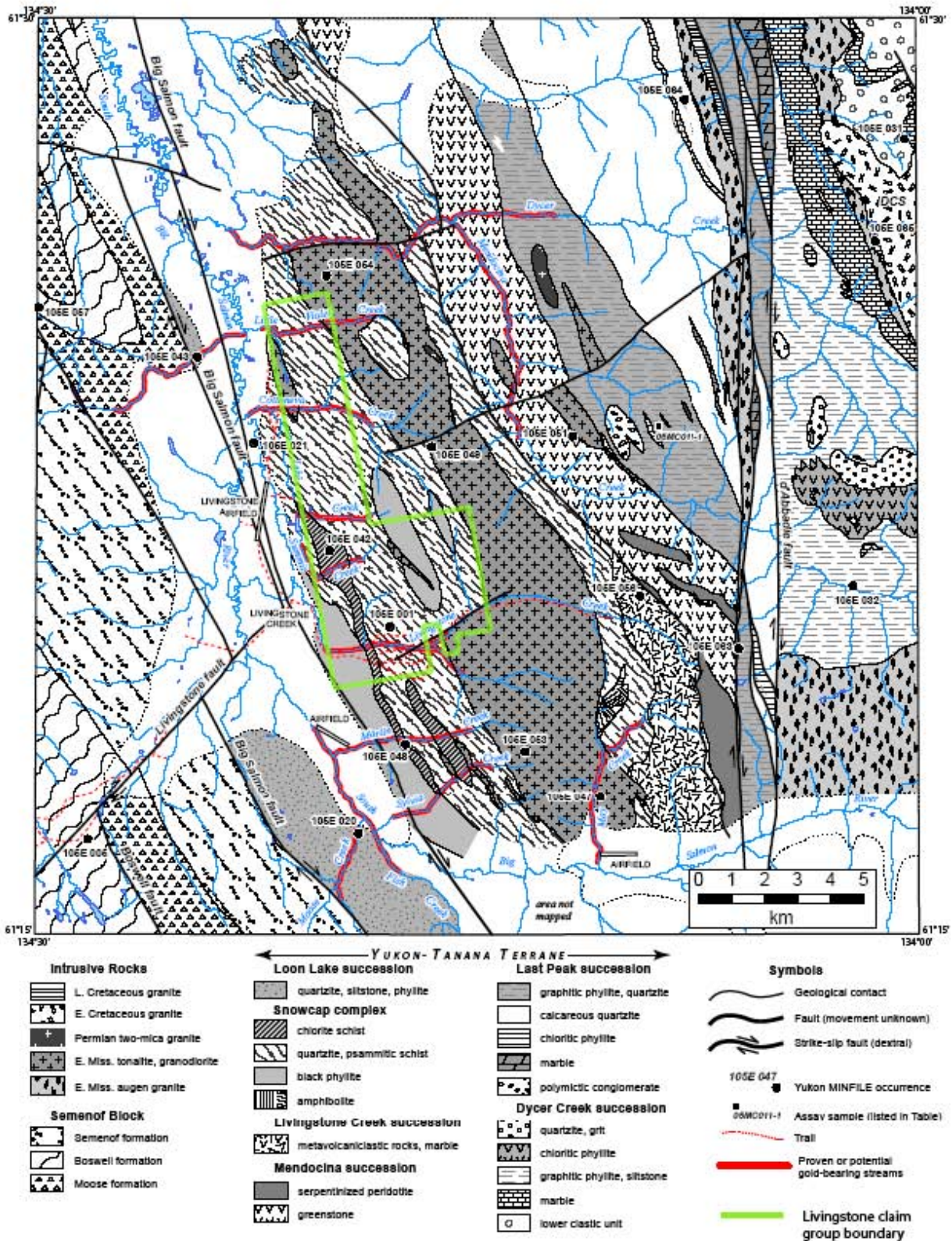
Much of the recovered gold consists of large, rough nuggets. Many of the nuggets are encased or attached to quartz and other country rock. The gold appears to have eroded primarily from quartz veins and stringers which strike parallel the Big Salmon Fault and perpendicular to the flow of the creeks. The gold has a high purity of 860 – 895 fineness. The amount of gold recovered from the Livingstone creeks is reported as 50,000 troy ounces. However, much of the gold produced by the “old-timers” went unreported and, because of this, placer gold production is estimated to be closer to 100,000 troy ounces. The gold was eroded from the country rock during the long erosional period between the Reid (approx. 200,000 years before present) and McConnell (approx. 20,000 years before present) glaciations. McConnell glaciers moved over the area from the south southeast, preserving the placer gold by covering the creeks with variable thicknesses of till.

REGIONAL GEOLOGY:

McConnell first described the geology and the placer gold deposits of the Livingstone Creek area in 1901. Cockfield, Lees, and Bostock carried out regional geological mapping between 1929 and 1934. This work resulted in Map 372 A being issued in 1936.

The regional geology was reinterpreted by Tempelman-Kluit in 1977 – 1979. This interpretation identified the Big Salmon Fault, into which the placer creeks drain. He also identified the Teslin Fault (4 -- 6 miles west of the Livingstone camp) as the ancient western margin of North America. Tempelman-Kluit postulated that the rocks west of the Teslin Fault (also known as the Teslin Suture) were pressed against and over the original North America during the Early Cretaceous.

Several geologists such as R.A. Stevens; P. Erdmer; R.A. Creaser; C.S. Gallagher; and M. de Keijzer have reinterpreted Tempelman-Kluit's work since the mid-1980's. Maurice Colpron of the Yukon Geological Survey started geological mapping in the Livingstone area in 2004 and completed it in 2005. His mapping has significantly modified the geological understanding of the region and is probably the most relevant interpretation to the CAM Claims (See Colpron Map, 2005; pg. 8). Some of the claims outlined on this map have been allowed to lapse since its production.



From Colpron, M., 2006. Geology and mineral potential of Yukon-Tanana Terrane in the Livingstone Creek area (NTS 105E/8), south-central Yukon. *In*: Yukon Exploration and Geology, 2005, D.S. Emond, G.D. Bradshaw, L.L. Lewis and L.H. Weston (eds.), Yukon Geological Survey, p. 93-107.

PROPERTY GEOLOGY:

An Early Mississippian tonalite-granodiorite intrusive dips westerly under the calcareous and graphitic metasediments which Colpron includes as part of the Snowcap Complex of Lower Mississippian or older age. The Snowcap Complex is part of the Yukon-Tanana Terrane. The intrusive – metasediments contact extends along the headwaters of all six creeks which have produced placer gold. A similar situation to that described by Dr. Victor Wall in his Thermal Aureole Gold (TAG) model. In Dr. Wall's model, the gold was emplaced in the quartz veins within the calcareous and graphitic metasediments from the underlying intrusive. The gold is believed to have been remobilized and concentrated within faults paralleling the Big Salmon Fault which has an age of approximately 100 Ma. (See Tracings of Air Photo Lineations; pg. 2). Carlyle has been using this TAG model for his exploration until this year's work program.

Gold mineralization has also been found associated with galena and chalcopyrite as boudins within the nose of folds at the old adit area along Livingstone Creek (See Claim Map; pg. 7). The hematite mineralization found as fracture fillings in the granodiorite and the strong iron oxide mineralization found in the boudins indicate this is distal mineralization as described in Dr. Wall's TAG model.

WORK PROGRAM:

In an attempt to confirm Colpron's theory that the historic placer creeks may, in fact, be expressions of extensional faults created by dextral movement along the Cretaceous D'Abbadie and Big Salmon Faults; Carlyle hired a helicopter from Heli Dynamics Ltd. for a flight to the property on July 16, 2010. Carlyle established a camp on the side of an old cat road near the top of Summit Creek. Since outcrop is sparse in the area, Carlyle hiked from this camp to the areas shown on the 2010 Work Areas map to take soil samples.

MCF Sample Area:

The first area sampled was the location where Colpron had interpreted a potential extension fault extending westward from the D'Abbadie Fault across Mendocina Creek into the headwaters of Cottoneva Creek. Carlyle took six samples at a spacing of approximately 60 metres along a strike of N 20° W along the ridge separating Mendocina Creek and Cottoneva Creek where the fault was interpreted to be. The samples were labeled "MCF" [Maurice Colpron Fault] (See MCF Sample sketches).

LS Sample Area:

Carlyle next took six samples at a spacing of approximately 100 metres across the ridge where the strike of Lake and Summit Creeks would cross into the headwaters of Cottoneva Creek. Carlyle believes that the two creeks join near this location and may, in fact, represent the trace of the Maurice Colpron Fault on the west side of the headwaters of Cottoneva Creek. The samples were labeled "LS" [Lake-Summit] (See LS Sample sketches).

MCF SOIL SAMPLES
NOT TO SCALE

Au (ppb)



0539700 E

6.4 ★ MCF -- 6

2.5 ★

2.6 ★

3.2 ★

6.6 ★

14.0 ★ MCF -- 1



6804000 N

0539700 E

MCF SOIL SAMPLES
NOT TO SCALE

Cu (ppm)

0539700 E



32.9 ★ MCF -- 6

41.0 ★

26.1 ★

26.5 ★

26.5 ★

34.3 ★ MCF -- 1



6804000 N

0539700 E

MCF SOIL SAMPLES
NOT TO SCALE

Pb (ppm)

0539700 E



12.6 ★ MCF -- 6

11.6 ★

8.6 ★

7.9 ★

8.9 ★

12.4 ★ MCF -- 1



6804000 N

0539700 E

MCF SOIL SAMPLES
NOT TO SCALE

Zn (ppm)

0539700 E



66 ★ MCF -- 6

63 ★

43 ★

45 ★

56 ★

57 ★ MCF -- 1



6804000 N

0539700 E

MCF SOIL SAMPLES
NOT TO SCALE

Sb (ppm)

0539700 E



1.0 ★ **MCF -- 6**

0.6 ★

0.7 ★

0.4 ★

0.4 ★

0.7 ★ **MCF -- 1**



6804000 N

0539700 E

MCF SOIL SAMPLES
NOT TO SCALE

As (ppm)

0539700 E



42.7 ★ MCF -- 6

12.6 ★

7.8 ★

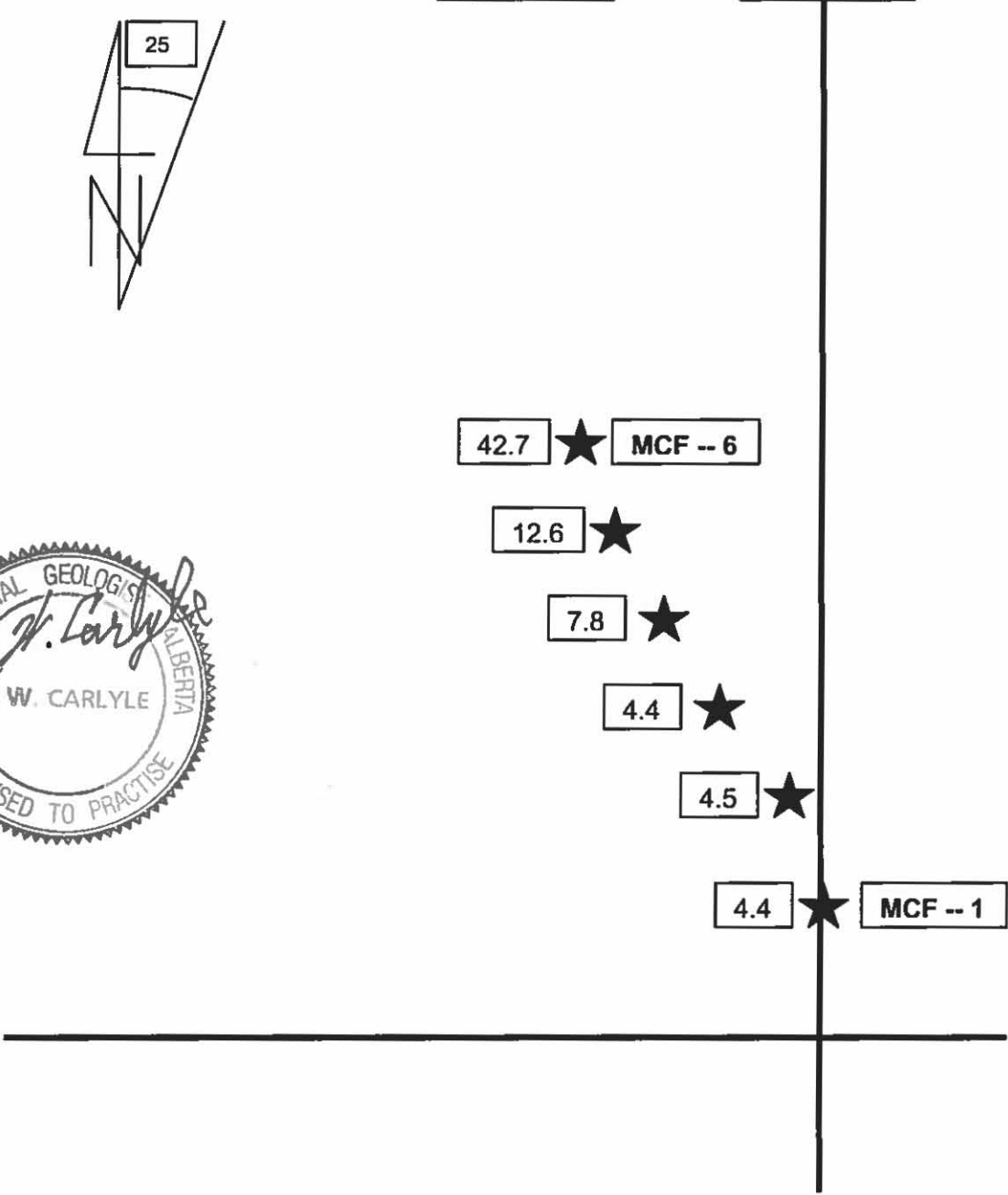
4.4 ★

4.5 ★

4.4 ★ MCF -- 1

6804000 N

0539700 E



LS SOIL SAMPLES
NOT TO SCALE

Au (ppb)

0538300 E



3.7 ★ LS -- 1

3.0 ★

2.3 ★

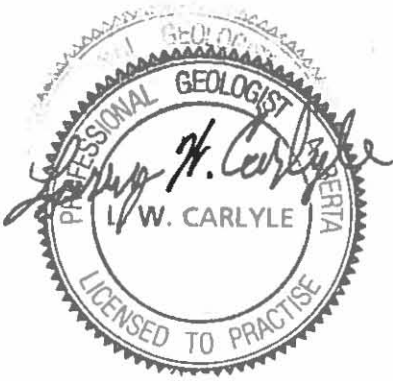
3.1 ★

6803900 N

2.4 ★

1.5 ★ LS -- 6

0538300 E



LS SOIL SAMPLES
NOT TO SCALE

Cu (ppm)

0538300 E



LS -- 1

31.3 ★

9.4 ★

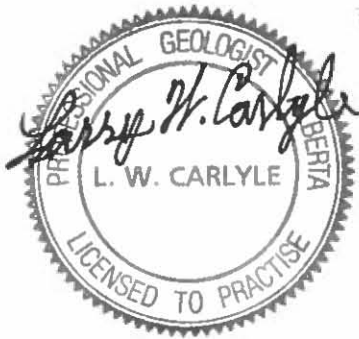
48.8 ★

6803900 N

27.7 ★

10.7 ★ LS -- 6

058300 E



LS SOIL SAMPLES

NOT TO SCALE

Pb (ppm)

0538300 E

25

7.0

LS -- 1

7.2

4.1

7.6

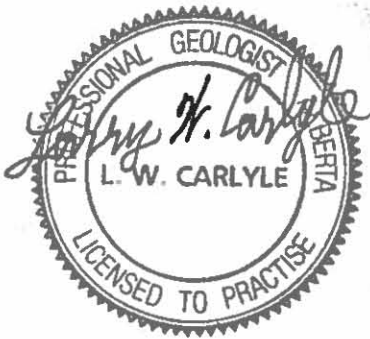
6803900 N

3.9

3.7

LS -- 6

0538300 E



LS SOIL SAMPLES
NOT TO SCALE

Zn (ppm)

0538300 E



29 ★ LS -- 1

45 ★

16 ★

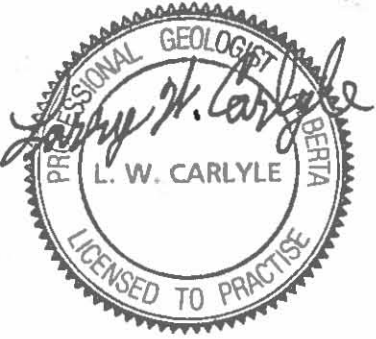
73 ★

6803900 N

42 ★

28 ★ LS -- 6

0538300 E



LS SOIL SAMPLES
NOT TO SCALE

Sb (ppm)

0538300 E



0.3 ★ **LS -- 1**

0.6 ★

0.2 ★

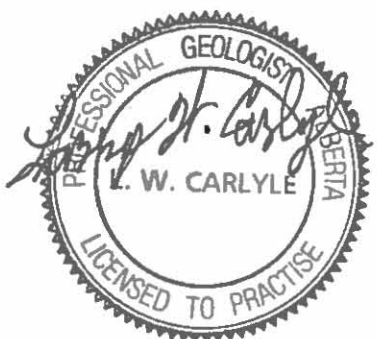
0.4 ★

6803900 N

0.4 ★

0.3 ★ **LS -- 6**

0538300 E



LS SOIL SAMPLES
NOT TO SCALE

As (ppm)

0538300 E



4.8 ★ LS -- 1

11.5 ★

3.1 ★

11.0 ★

6803900 N

6.3 ★

4.2 ★ LS -- 6

0538300 E



SCW Sample Area:

Carlyle took two lines of samples along the west and east sides of a previously identified “notch” across Summit Creek. The term “notch” was used in previous reports to identify locations where the fractures in the Snowcap Complex crossed the ridges between the creeks. This year’s samples at this location were labeled “SCW” standing for Summit Creek Windlass. This year’s samples at the “notch” further upstream were labeled “SCM” standing for Summit Creek Mandy. This labeling is the reverse of that given when cat trenching was performed in 1998 on the ridge at the same locations. Carlyle took a total of nine samples at this location; five samples along the downstream side of the “notch” and four along the upstream side. Samples were taken at a spacing of approximately 30 metres with the lines being separated by approximately 50 metres (See SCW Sample sketches).

SCM Sample Area:

At this location (See location note above), Carlyle took a total of twelve samples across Summit Creek, six samples along the downstream side of the “notch” and six along the upstream side. Samples were taken at a spacing of approximately 30 metres with the lines being separated by approximately 50 metres (See SCM Sample sketches).

SCW SOIL SAMPLES

NOT TO SCALE

Au (ppb)



0536300 E

SCW -- 5

6.5

SCW -- 4

8.6

SCW -- 6

5.2

Summit Creek Flow

31.9

7.3

7.9

54.8

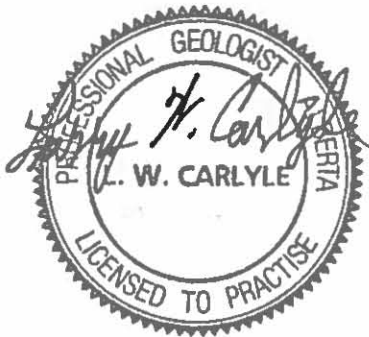
SCW -- 9

6.0

SCW -- 1

14.2

6802000 N



0536300

SCW SOIL SAMPLES
NOT TO SCALE

Cu (ppm)

0536300 E



Summit Creek
Flow

SCW -- 4
32.8

SCW -- 5
27.7

SCW -- 6
31.1
32.8

21.2

19.0

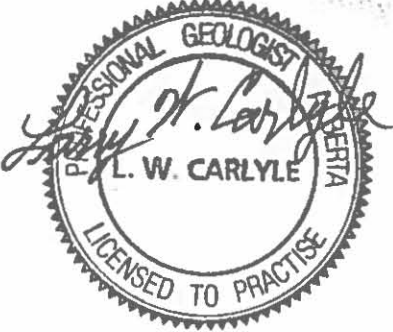
20.9

SCW -- 9
27.5

SCW -- 1
27.8

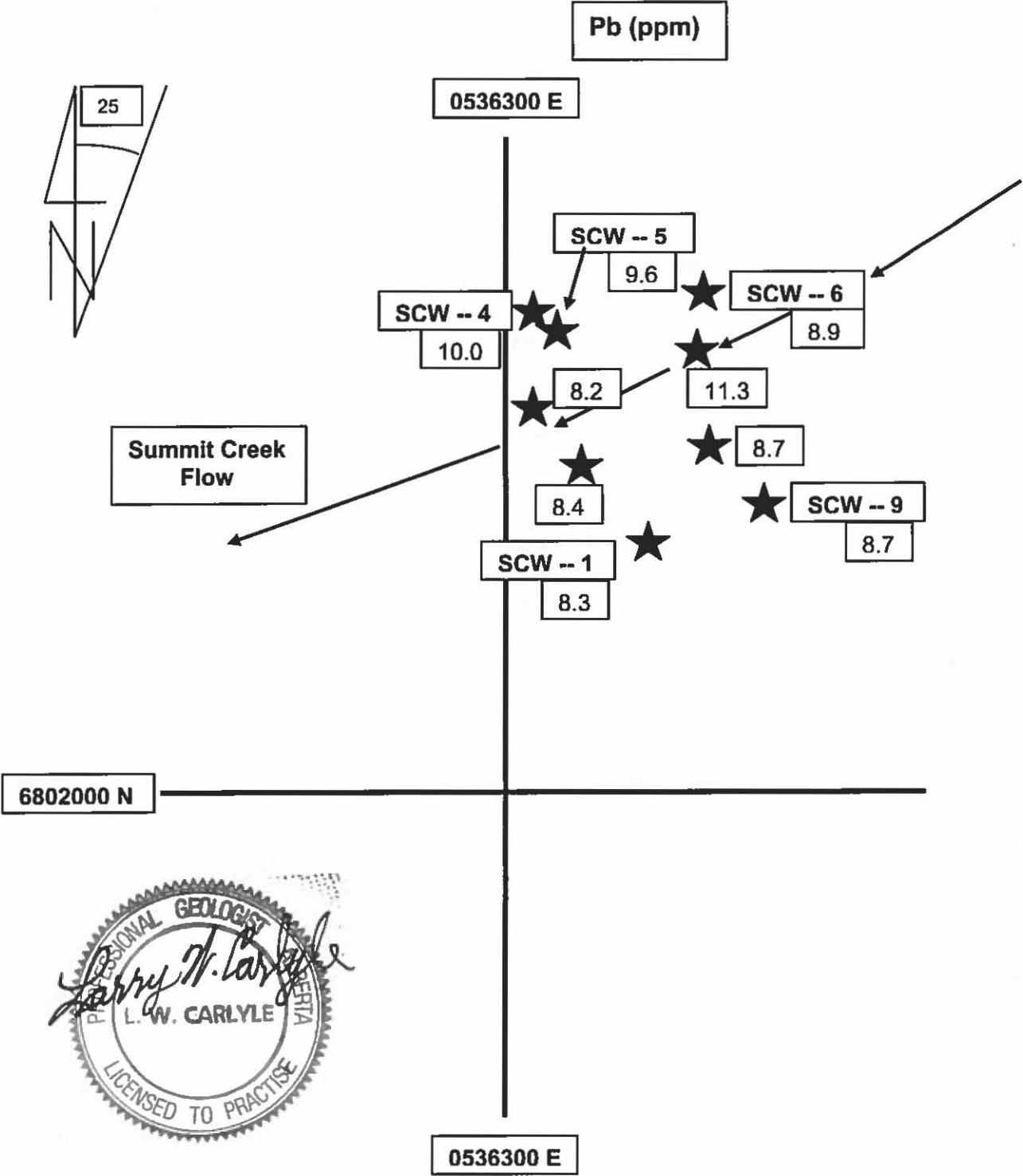
6802000 N

0536300 E



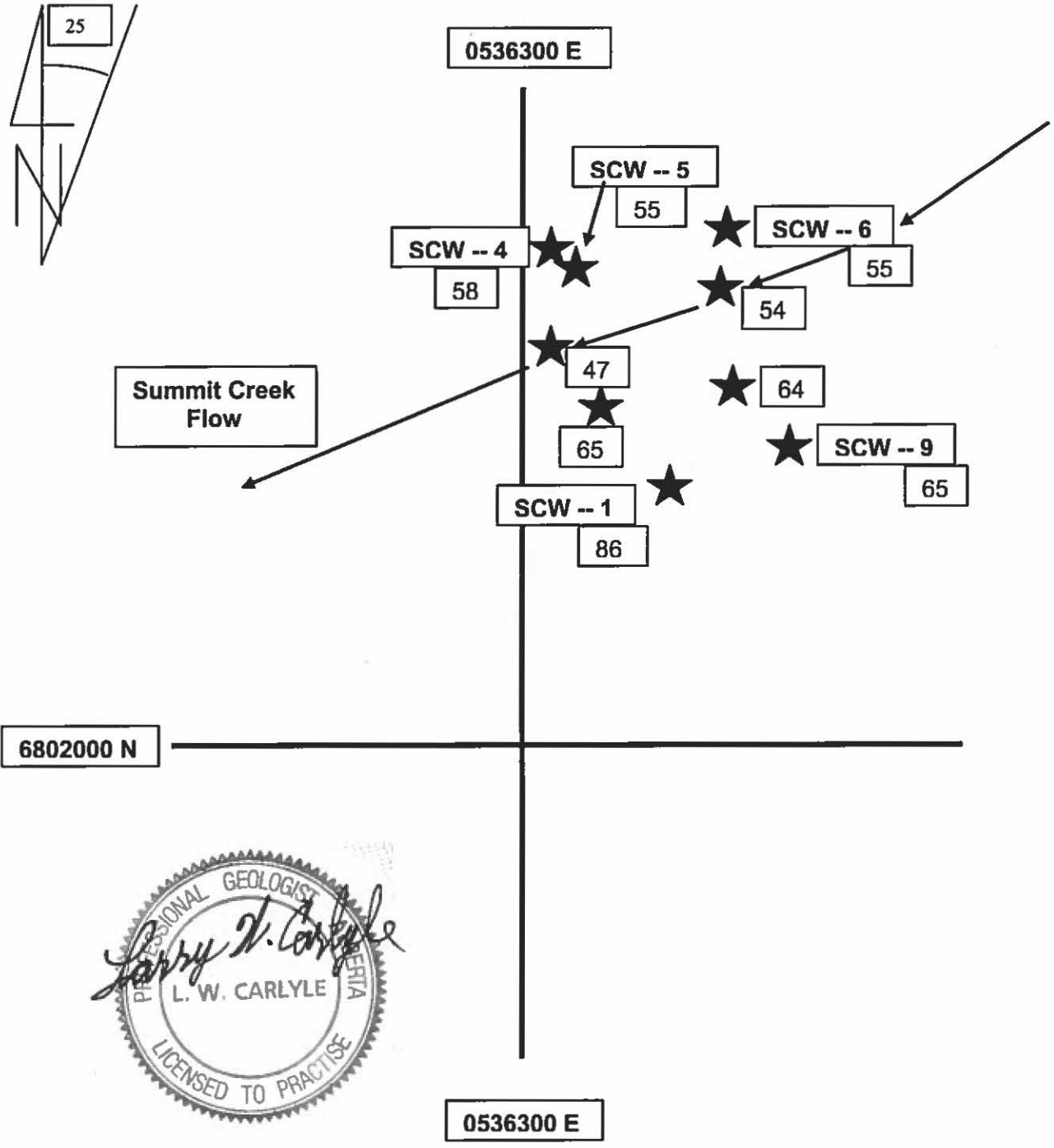
SCW SOIL SAMPLES
NOT TO SCALE

Pb (ppm)



SCW SOIL SAMPLES
NOT TO SCALE

Zn (ppm)



SCW SOIL SAMPLES

NOT TO SCALE

As (ppm)



0536300 E

SCW -- 5

15.8

SCW -- 4

18.8

SCW -- 6

17.2

14.9

17.6

Summit Creek
Flow

13.1

11.1

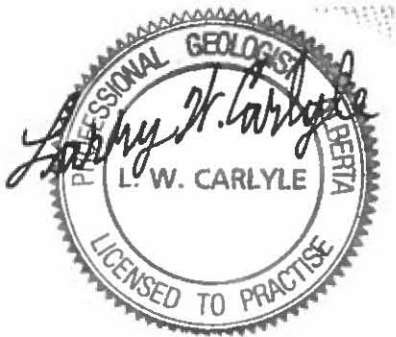
SCW -- 1

11.1

SCW -- 9

13.6

6802000 N



SCM SOIL SAMPLES

NOT TO SCALE

Au (ppb)

0536900 E

25

SCM -- 12

2.7

4.1

SCM --1

15.6

5.8

10.5

4.3

Swampy

26.2

15.6

5.3

SCM -- 7

36.6

Summit
Creek
Flow

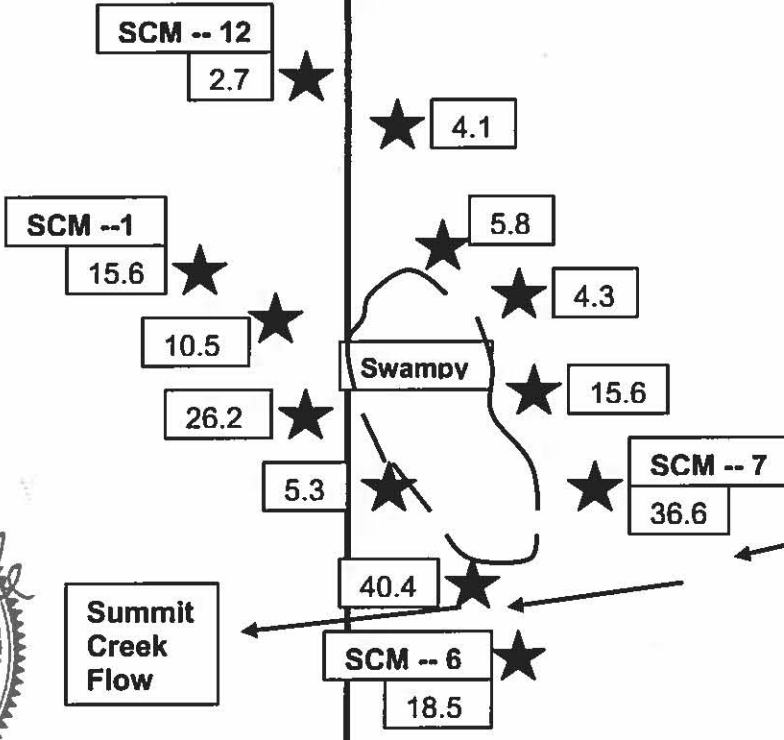
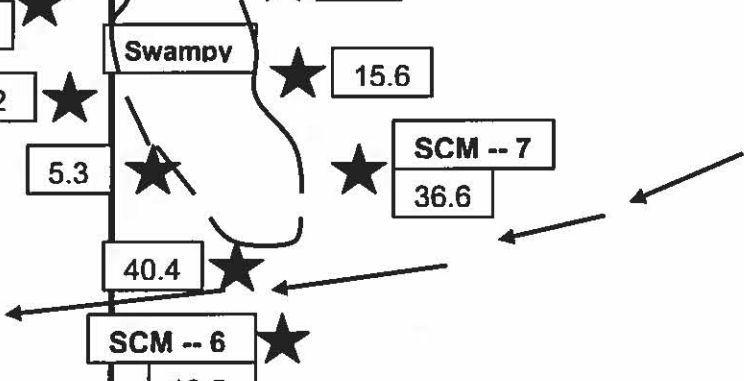
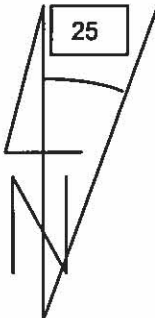
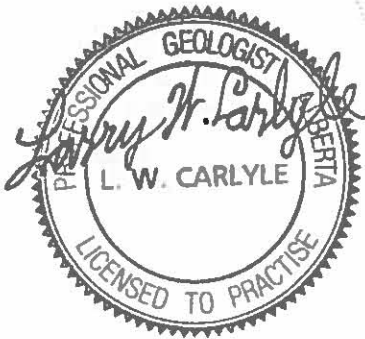
40.4

SCM -- 6

18.5

6802500 N

0536900 E



SCM SOIL SAMPLES
NOT TO SCALE

Cu (ppm)



0536900 E

SCM -- 12

8.7

11.9

SCM --1

24.9

14.4

10.8

17.1

Swampy

24.2

19.4

13.7

SCM -- 7

19.6

Summit
Creek
Flow

14.9

SCM -- 6

25.4

6802500 N

0536900 E



SCM SOIL SAMPLES
NOT TO SCALE

Pb (ppm)



0536900 E

SCM -- 12
4.8

6.1

SCM -- 1
7.6

5.6

6.5

5.1

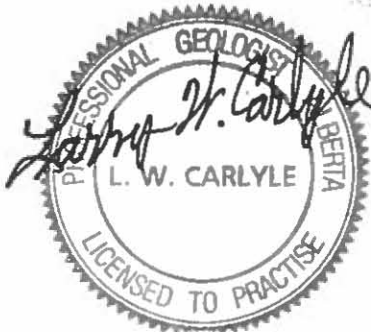
Swampy

6.8

7.5

5.0

SCM -- 7
7.4



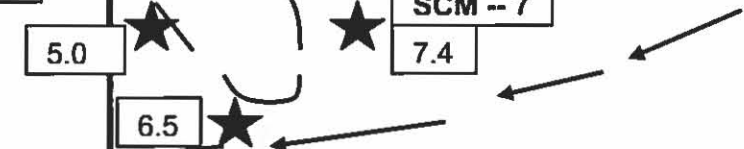
Summit
Creek
Flow

6.5

SCM -- 6
7.5

6802500 N

0536900 E



SCM SOIL SAMPLES
NOT TO SCALE

Zn (ppm)



0536900 E

SCM -- 12
14

29

SCM -- 1
36

36

31

26

Swampy

44

48

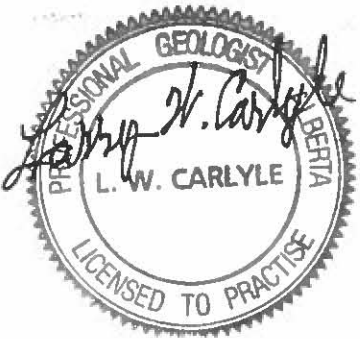
SCM -- 7
47

28

44

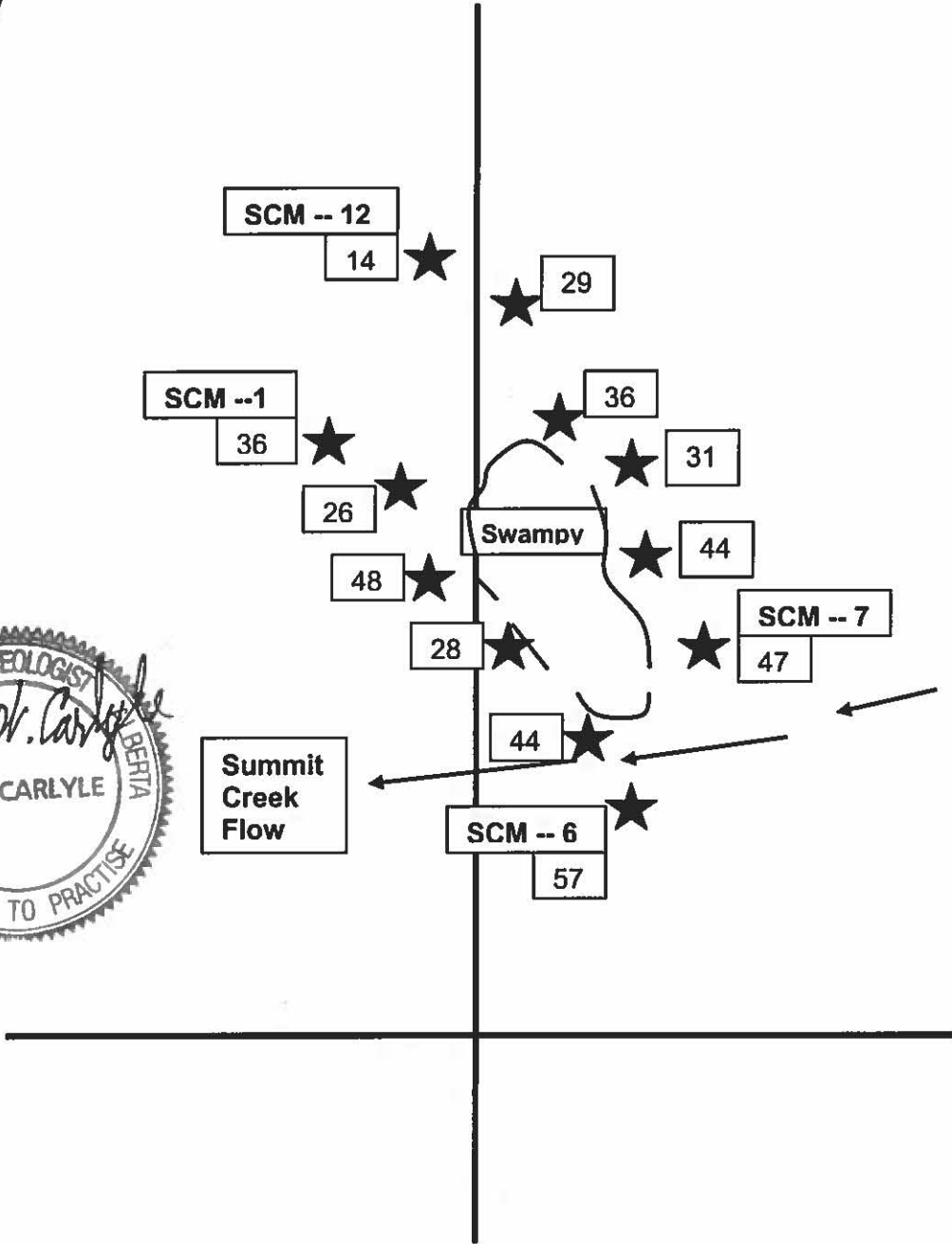
Summit
Creek
Flow

SCM -- 6
57



6802500 N

0536900 E



SCM SOIL SAMPLES

NOT TO SCALE

As (ppm)



0536900 E

SCM -- 12

4.2

5.5

SCM -- 1

3.8

14.5

11.6

13.4

Swampy

11.8

10.4

11.2

SCM -- 7

14.8

Summit
Creek
Flow

14.9

SCM -- 6

39.5

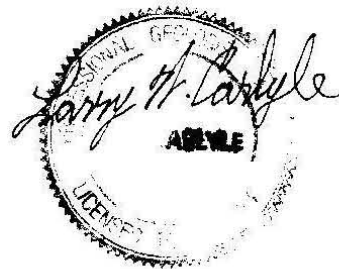
6802500 N

0536900 E



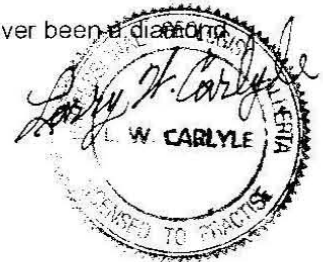
CONCLUSIONS:

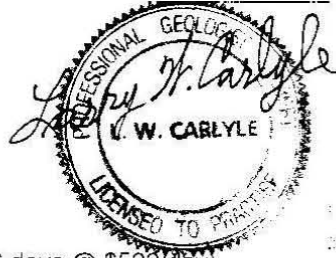
1. Lines of samples were taken across Summit Creek along either side of the "Windlass" and "Mandy" notches to explore the possibility of fractures in the Snowcap metasediments of Lower Mississippian or older age providing more open space for the emplacement of mineralization from the Cretaceous D'Abbadie (and Big Salmon) Fault(s).
2. Justification for the possibility of more open space for mineralization in the pre-existing fractures may be evidenced by the best gold values in the program coming from this sampling (54.8 ppb. Au from SCW – 2; and 40.4 ppb. Au from SCM – 5).
3. This program continues to demonstrate that copper is the best base element for indicating the presence of gold mineralization (MCF Au samples varied from 2.5 to 14.0 ppb; whereas, Cu values varied from 26.1 to 41.0 ppm.).
4. At first, the gold values reported in #2 above were disappointing, since Carlyle has obtained significantly higher values in other areas of the CAM Claims. However, when the likelihood of overburden thicknesses approaching 50 metres being present at the SCW and SCM sample locations, the gold values obtained are of interest.



RECOMMENDATIONS:

1. Additional claims should be staked to the north and northeast to cover at least Summit and Lake Creeks in order to further explore the potential for extension fault mineralization between the existing claim block and the line of "LS" soil samples.
2. Additional claims should be staked east of the entire claim block to at least the ridge at the headwaters of Livingstone Creek to allow exploration for extension fault mineralization along the strike direction of the fault segment mapped by Colpron in the Livingstone Creek drainage.
3. If success is achieved in the headwaters of Summit and Lake Creeks, the claim block should be extended to cover Cottoneva and Little Violet Creeks where similar extension faults very likely exist.
4. If the staking of Cottoneva and Little Violet Creeks were to go forward, it would probably be wise to stake Dycer Creek, since it also has an extensive placer mining history. The extension fault interpreted by Colpron in the canyon at the lower end of Mendocina Creek would strike directly up Dycer Creek to an interception with the D'Abbadie Fault.
5. The property needs to be optioned to an entity which has the financial resources to do the sophisticated geochemical sampling and aerial geophysical surveys needed to develop targets for intensive exploration within this highly prospective area. Diamond drilling would normally follow exploration success. There has never been a diamond drill in the Livingstone camp.





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STATEMENT OF COSTS:

Helicopter	\$ 3,333.34
Geologist wages (July 16 – 21/10 (6 days @ \$500/day)	\$ 3,000.00
Room & Board (6 days @ \$98.60/day [2010 YTG Rate])	\$ 591.60
Field Supplies (flagging, sample bags, stove fuel, etc.)	\$ 100.00
Office Supplies (photocopying, paper, computer, ink, etc.)	\$ 100.00
Purchase of Gstar Spot	\$ 177.45
Purchase of 1 year activation for Gstar Spot	\$ 99.99
Sample Analysis [Acme Analytical Labs] (WHI10000143)	\$ 713.79
Report Writing	\$ 1,500.00
Total:	\$ 9,616.17

REFERENCES:

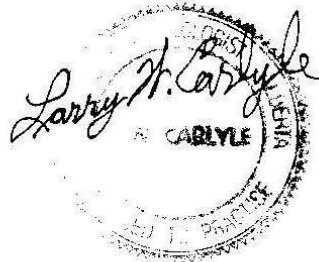
- Carlyle, Larry W., (1997) **Report on the 1997 Work Program, CAM Claims 1 – 142;** Whitehorse Mining District, Yukon; NTS 105 E/8. Assessment Report filed with the Whitehorse Mining Recorder
- Carlyle, Larry W., (1998) **Report on the 1998 Work Program, CAM Claims 1 – 146, Livingstone Area;** Whitehorse Mining District, Yukon; NTS 105 E/8. Assessment Report filed with the Whitehorse Mining Recorder
- Carlyle, Larry W., (1999) **Bedrock Geology, VLF-EM Surveying, Rock, Soil and Stream Sediment Sampling, 1999; CAM Claims 1 – 146, Livingstone Area;** Whitehorse Mining District, Yukon; NTS 105 E/8. Assessment Report filed with the Whitehorse Mining Recorder
- Carlyle, Larry W., (2000) **VLF -- EM Surveys, Rock and Soil Sampling, and Backhoe Trenching, 2000; CAM Claims 1 – 146, Livingstone Area;** Whitehorse Mining District, Yukon; NTS 105 E/8. Assessment Report filed with the Whitehorse Mining Recorder
- Carlyle, Larry W., (2005) **Claim Staking, Magnetometer and Soil Sampling, 2005; CAM Claims, Livingstone Area;** Whitehorse Mining District, Yukon; NTS 105 E/8. Assessment Report filed with the Whitehorse Mining Recorder
- Carlyle, Larry W., (2007) **2007 Assessment Work; CAM Claims, Livingstone Area;** Whitehorse Mining District, Yukon; NTS 105 E/8. Assessment Report filed with the Whitehorse Mining Recorder
- Colpron, M., (2006) **Geology and mineral potential of Yukon-Tanana Terrane in the Livingstone Creek area (NTS 105 E.8), south-central Yukon;** in: Yukon Exploration and Geology 2005: D. S. Emond, G.D. Bradshaw, L.L. Lewis, and L.H. Weston (eds.): Yukon Geological Survey, pg. 93 – 107
- Colpron, M., (2005) **Geological map of Livingstone Creek area (NTS 105 E/8), Yukon (1:50,000 scale);** Open File 2005 – 9: Yukon Geological Survey, Energy, Mines and Resources: Government of Yukon

STATEMENT OF QUALIFICATIONS:

I, **LARRY W. CARLYLE**, do certify:

1. That I am a professional geologist, resident at #2 Soapberry Lane, Whitehorse, Yukon Y1A 5W5.
2. That I hold a B. Sc. Degree in geology from the University of British Columbia (1970).
3. That I am a Fellow of the Geological Association of Canada (F – 4355).
4. That I am a Registered Professional Geologist in the Association of Professional Engineers, Geologists and Geophysicists of the Province of Alberta (41097).
5. That I have practiced my profession as a mine and exploration geologist for over twenty years.
6. That the conclusions and recommendations in the attached report are based on work I performed on the property, and on a review of the references cited.

DATED at Whitehorse, Yukon this *14th* day of November, 2010.



APPENDIX A

2010 FIELD WORK

GPS WAYPOINT COORDINATES

2010 Livingstone Field Work Way Points

	UTM Coordinates	
Point	Northing	Easting
Camp 49 – Pup	6803011 6803268	0537820 0540299
LS – 1 LS – 2 LS – 3 LS – 4 LS – 5 LS – 6	6804128 6804053 6803974 6803905 6803816 6803735	0538187 0538255 0538313 0538416 0538459 0538522
MCF – 1 MCF – 2 MCF – 3 MCF – 4 MCF – 5 MCF – 6	6804063 6804119 6804169 6804221 6804275 6804331	0539700 0539674 0539640 0539611 0539585 0539561
SCM – 1 SCM – 2 SCM – 3 SCM – 4 SCM – 5 SCM – 6 SCM – 7 SCM – 8 SCM – 9 SCM – 10 SCM – 11 SCM – 12	6802660 6802650 6802620 6802600 6802580 6802565 6802606 6802628 6802653 6802673 6802695 6802717	0536859 0536888 0536891 0536910 0536928 0536943 0536967 0536949 0536940 0536925 0536909 0536894
SCW – 1 SCW – 2 SCW – 3 SCW – 4 SCW – 5 SCW – 6 SCW – 7 SCW – 8 SCW – 9	6802086 6802102 6802123 6802161 6802155 6802170 6802143 6802114 6802096	0536342 0536321 0536305 0536308 0536316 0536367 0536360 0536361 0536379

NOTE: GPS coordinates taken using a hand-held Garmin GPS with 12 Channels

APPENDIX B

ANALYTICAL CERTIFICATES



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Carlyle, Larry W.**
74 Tamarack Dr.
Whitehorse YT Y1A 4Y6 Canada

Submitted By: Larry W. Carlyle
Receiving Lab: Canada-Whitchose
Received: July 23, 2010
Report Date: August 10, 2010
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI0000143

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 33

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	33	Dry at 60C sieve 100g to -60 mesh			WHI
Dry at 60C	33	Dry at 60C			WHI
IDX2	33	1.1.1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Report

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Carlyle, Larry W.**
74 Tamarack Dr.
Whitehorse YT Y1A 4Y6
Canada

CC:



This report supersedes all previous preliminary and final reports with the file number dated prior to the date of this certificate. Signature indicates final approval. Performance is not an assurance and is not to be used for reference only. All results are considered the confidential property of the client. Acme assumes no liability for actual cost of analysis only. * Assays indicate that an analytical result is within the specified tolerance limits only. It does not imply the absence of interference from other elements.



AcmeLabs

Acme Analytical Laboratories (Vancouver) Ltd

1020 Cordova St East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Carlyle, Larry W.**
 74 Tamarack Dr.
 Whitehorse YT Y1A 4Y6 Canada

Project: None Given
 Report Date: August 10, 2010

Page 3 of 3 Part 1

CERTIFICATE OF ANALYSIS WH10000143-1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
SCM-10	Soil	0.5	14.4	6.5	36	<0.1	18.8	6.9	171	1.89	14.5	0.5	5.6	4.1	11	<0.1	0.9	0.2	38	0.13	0.046
SCM-11	Soil	0.3	11.9	6.1	29	0.1	10.6	4.4	139	1.27	5.5	0.5	4.1	0.5	13	<0.1	0.5	0.2	31	0.18	0.025
SCM-12	Soil	0.4	8.7	4.8	14	0.3	5.1	2.5	51	0.92	4.2	0.3	2.7	0.2	7	<0.1	0.3	0.1	23	0.04	0.040

This certificate is valid only for the sample(s) described herein. It does not constitute a warranty of accuracy or a statement of opinion. Acme Analytical Laboratories (Vancouver) Ltd is not responsible for the results of any retests or for the use of these results for any purpose other than that for which they were intended.



Acme Labs

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

Client: **Carlyle, Larry W.**
74 Tamarack Dr.
Whitehorse YT Y1A 4Y6 Canada

Project: None Given
Report Date: August 10, 2010

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

WH1000043.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
				La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
LS-1	Soil			8	31	0.34	58	0.017	1	0.85	0.011	0.05	0.2	0.03	0.5	<0.1	<0.05	3	<0.5	<0.2
LS-2	Soil			15	51	0.69	75	0.070	<1	0.98	0.012	0.09	0.2	<0.01	2.9	<0.1	<0.05	3	<0.5	0.2
LS-3	Soil			3	13	0.12	56	0.016	1	0.45	0.023	0.03	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2
LS-4	Soil			17	85	0.98	374	0.044	1	1.92	0.023	0.10	<0.1	0.04	3.6	0.1	0.06	5	1.2	<0.2
LS-5	Soil			8	38	0.39	236	0.022	<1	1.31	0.022	0.08	<0.1	0.06	1.6	0.1	0.07	5	<0.5	<0.2
LS-6	Soil			4	20	0.23	71	0.016	<1	0.59	0.016	0.04	<0.1	0.01	0.5	<0.1	0.06	3	<0.5	<0.2
MCF-1	Soil			10	39	0.72	114	0.051	2	1.09	0.012	0.12	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
MCF-2	Soil			10	54	0.90	121	0.090	1	1.45	0.011	0.15	0.2	0.01	3.4	0.1	<0.05	6	<0.5	<0.2
MCF-3	Soil			9	38	0.62	59	0.062	1	1.22	0.007	0.09	0.3	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
MCF-4	Soil			13	38	0.65	78	0.049	1	1.24	0.007	0.09	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
MCF-5	Soil			28	43	0.76	117	0.077	<1	1.32	0.010	0.11	0.3	<0.01	3.2	0.1	<0.05	4	<0.5	<0.2
MCF-6	Soil			15	37	0.68	89	0.051	1	1.36	0.007	0.11	0.2	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
SCW-1	Soil			19	53	0.83	205	0.033	2	1.43	0.014	0.09	0.1	0.06	3.1	<0.1	0.06	5	0.6	<0.2
SCW-2	Soil			18	43	0.71	149	0.032	2	1.17	0.014	0.08	0.2	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
SCW-3	Soil			19	29	0.49	81	0.038	1	0.79	0.008	0.09	0.4	0.06	2.5	<0.1	<0.05	3	<0.5	<0.2
SCW-4	Soil			18	45	0.75	103	0.033	2	1.13	0.006	0.14	0.1	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
SCW-5	Soil			17	39	0.72	117	0.032	2	1.14	0.006	0.14	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
SCW-6	Soil			20	42	0.76	111	0.039	<1	1.15	0.009	0.11	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
SCW-7	Soil			19	40	0.69	120	0.043	1	0.99	0.007	0.11	0.2	0.05	3.0	<0.1	<0.05	3	<0.5	<0.2
SCW-8	Soil			18	36	0.65	129	0.032	<1	1.08	0.006	0.07	0.2	0.05	2.6	<0.1	<0.05	4	<0.5	<0.2
SCW-9	Soil			19	45	0.76	173	0.034	<1	1.28	0.008	0.08	0.2	0.05	3.1	<0.1	<0.05	5	<0.5	<0.2
SCM-1	Soil			16	17	0.21	144	0.023	1	0.62	0.019	0.06	0.2	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
SCM-2	Soil			15	18	0.33	60	0.026	<1	0.62	0.005	0.04	0.4	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
SCM-3	Soil			28	30	0.64	83	0.044	<1	0.99	0.008	0.08	0.4	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
SCM-4	Soil			14	18	0.33	132	0.019	<1	0.80	0.018	0.05	0.3	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
SCM-5	Soil			16	22	0.46	92	0.032	6	0.79	0.006	0.06	0.4	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
SCM-6	Soil			21	34	0.68	157	0.047	<1	1.21	0.009	0.09	0.3	0.06	3.2	<0.1	<0.05	4	<0.5	<0.2
SCM-7	Soil			18	23	0.47	106	0.033	<1	0.62	0.006	0.06	0.5	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
SCM-8	Soil			17	31	0.55	97	0.042	<1	1.07	0.008	0.09	0.4	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
SCM-9	Soil			15	20	0.39	68	0.030	<1	0.69	0.010	0.06	0.2	0.03	1.9	<0.1	<0.05	2	<0.5	<0.2

This report is prepared at the request of the client and is not to be used for any other purpose. Significant deviations from the standard are noted. Significant deviations from the standard are noted. Significant deviations from the standard are noted.



AcmeLabs

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Carlyle, Larry W.**
74 Tamarack Dr
Whitehorse YT Y1A 4Y6 Canada

Project: None Given
Report Date: August 10, 2010

Page: 3 of 3 Part: 2

CERTIFICATE OF ANALYSIS

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
SCM-10	Soil			16	24	0.41	61	0.048	<1	0.86	0.004	0.06	0.4	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
SCM-11	Soil			10	17	0.30	103	0.051	<1	0.80	0.017	0.05	0.2	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
SCM-12	Soil			6	8	0.08	37	0.033	<1	0.52	0.016	0.03	0.2	0.02	0.5	<0.1	<0.05	3	<0.5	<0.2



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Client: **Carlyle, Larry W.**
 74 Tamarack Dr.
 Whitehorse YT Y1A 4Y6 Canada

Project: None Given
 Report Date: August 10, 2010

Page: 1 of 1 Part: 2

QUALITY CONTROL REPORT

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
LS-3	Soil	3	13	0.12	56	0.016	1	0.45	0.023	0.03	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2
REP LS-3	QC	3	14	0.12	56	0.016	<1	0.47	0.023	0.03	<0.1	0.02	0.4	<0.1	0.05	2	<0.5	<0.2
SCW-6	Soil	20	42	0.76	111	0.039	<1	1.15	0.009	0.11	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
REP SCW-6	QC	20	41	0.75	112	0.038	<1	1.17	0.010	0.12	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
SCM-6	Soil	21	34	0.68	157	0.047	<1	1.21	0.009	0.09	0.3	0.06	3.7	<0.1	<0.05	4	<0.5	<0.2
REP SCM-6	QC	21	33	0.68	156	0.046	<1	1.18	0.009	0.09	0.3	0.05	3.6	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS7	Standard	13	217	1.01	416	0.134	41	1.02	0.104	0.50	3.7	0.22	3.0	4.1	0.19	5	3.2	1.4
STD DS7	Standard	13	216	1.09	411	0.132	39	1.04	0.101	0.48	3.7	0.22	2.4	4.1	0.20	5	3.1	0.8
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.09
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

APPENDIX C

INVOICES SUPPORTING STATEMENT OF COSTS

HELI DYNAMICS LTD.P.O. Box 4
Whitehorse, Yukon Y1A 5X9**RECEIPT**

Receipt No.:

Ck#006

07/22/2010

Amount Received \$3,333.34From:
Cartyle, Larry
2 Soapberry Lane
Whitehorse, Yukon Y1A 5W5

Signature _____

HELI DYNAMICS LTD.

Cartyle, Larry

07/22/2010

Receipt No.: Ck#006

	Discount	Amount Received		Discount	Amount Received
9513		1,923.08			
9460		1,410.26			
					Total

3,333.34

HELI DYNAMICS LTD.

Cartyle, Larry

07/22/2010

Receipt No.: Ck#006

	Discount	Amount Received		Discount	Amount Received
9513		1,923.08			
9460		1,410.26			
					Total



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East
 Vancouver, BC Canada V6A 4A3
 Phone 604 253 3156 Fax 604 253 1716
 GST # 843013921 RT

Bill To: Carlyle, Larry W.
 2 Soapberry Lane
 Whitehorse, YT Y1A 5W5
 Canada

Invoice Date: August 13, 2010
 Invoice Number: **VANI055660**
 Submitted by: Larry W. Carlyle
 Job Number: WHI10000143
 Order Number:
 Project Code: None Given
 Shipment ID:
 Quote Number:

*Paid
 Cheque #580*

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	33	\$2.25	\$74.25
2	1DX2	15g Aqua Regia digestion ICP-MS	33	\$18.25	\$602.25
3	DIS-PLP	Warehouse disposition of pulps	33	\$0.10	\$3.30
Net Total					\$679.80
Canadian GST					\$33.99
Grand Total					CAD \$713.79

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
 Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
 Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 1034123
 Bank Transit # 07120 003
 Swift Code: ROYCCAT2

For payment in US Funds:
 Acme Analytical Laboratories (Vancouver) Ltd.
 The Royal Bank of Canada
 400 Main Street
 Vancouver, BC Canada V6A 2T5
 Account # 4001533
 Bank Transit # 07120 003
 Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

DILMAN COMMUNICATIONS

510 Elliott Street
 PH 6685803 FX 6685804
 Whitehorse, Yukon T. Y1A 2A5

INVOICE

Invoice No.: 10682
 Date: 07/06/2010
 Page: 1
 Re. Order No

Sold to:
 Carlyle, Larry

Ship to:
 Carlyle, Larry

Business No.: 101392850RP0001

Item No.	Unit	Quantity	Description	Tax	Unit Price	Amount
1	Sale	1	Gstar Spot	G	169.00	169.00
			G - GST 5.00% GST			8.45
DILMAN COMMUNICATIONS GST: #101392850RP0001						
Shipped By: Tracking Number:						
Comment: Sold By:					Total Amount	177.45

Larry Carlyle

From: <CustomerService@findmespot.com>
To: <lcmc@northwestel.net>
Sent: Tuesday, July 13, 2010 7:30 AM
Subject: SPOT Activation



Thank you **Larry Carlyle** for being a customer with SPOT LLC. We know you'll enjoy your SPOT experience and look forward to serving you. As our valued customer, we are providing you with the details of your transaction for your records.

Account Information:

User ID: lcarlyle
Customer Account Number: CUST0050178929
Customer Since: 2010-07-13

Transaction Information:

Contract Activation Date: 2010-07-13
Device Added: 0-8088321

For detailed information regarding your account, please access your account online at <https://login.findmespot.com>. A detailed receipt will be shown in your SPOT account within 30 days. This memo can be used as proof of activation.

Important Notice:

Product Replacement is only available on new SPOT 2 devices. However, since you swapped or added units on the same account, we are going to offer the option for you to add Product Replacement to this new unit for 30-days. We will charge a prorated fee if you select this service within the next 30-days; at renewal you will be charged the annual service fee. Go to your account under the My SPOT Devices tab and you will see the Additional Service for purchase.

SPOT Activation Service Summary

SPOT Basic Service	99.99
Total Taxes	0.00
Grand Total	99.99
Amount Charged	99.99

Thank you for your business.

The Spot Team

P.S. For customer service inquiries regarding your account, please contact CustomerService@findmespot.com or 1(866)651-7768.

7/13/2010