

2011 WORK PROGRAM

CAM CLAIMS, LIVINGSTONE AREA

WHITEHORSE MINING DISTRICT, YUKON

NTS 105E/8

by

Larry W. Carlyle, F.G.A.C., P. Geol.

Whitehorse, Yukon

January, 2012

INTRODUCTION:

The writer spent the second and third weeks of August, 2011 on his CAM Claims in the Livingstone placer camp. These two weeks were the rainiest and most miserable Carlyle has experienced in well over twenty years of working in the Yukon wilderness.

This was his second year investigating the possibility that the historic placer creeks in the region may be the expression of extension fracturing between the D'Abbadie and Big Salmon Faults. Both faults are of Cretaceous Age (D'Abbadie has been dated at 96 Ma.) and have dextral displacement: D'Abbadie (approx. 35 km.); Big Salmon (approx. 57 km.) [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 61⁰ 19' N; Longitude 134⁰ 17' W; within the Whitehorse Mining District, Yukon (See Location Map, pg. 2).

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, 2012 and 4 claims in good standing until May 19, 2012. 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.

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

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Map 1. Property Location Map

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, 2012
CAM 51 -- 86	YB 97580 – YB 97615	May 16, 2012
CAM 143 – 146	YC 08748 – YC 08751	May 19, 2012
CAM 157 – 159	YC 40019 – YC 40021	May 16, 2012
CAM 161	YC 40023	May 16, 2012
CAM 163	YC 40025	May 16, 2012
CAM 172 – 180	YC 40034 – YC 40042	May 16, 2012

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 appear to strike parallel to 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 presently reported as 50,000 troy ounces. This production seems to represent gold recovered and reported since the 1930's. Carlyle has been provided with a 1974 report by Gordon Bennett which gives partial information on the gold produced by the "old-timers" between 1899 and 1930; this information indicates production approximating 50,000 ounces. When reported production between 1930 and 2000 is added, placer gold production is estimated to be closer to 100,000 troy ounces (See Livingstone Camp Production in Appendices). 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:

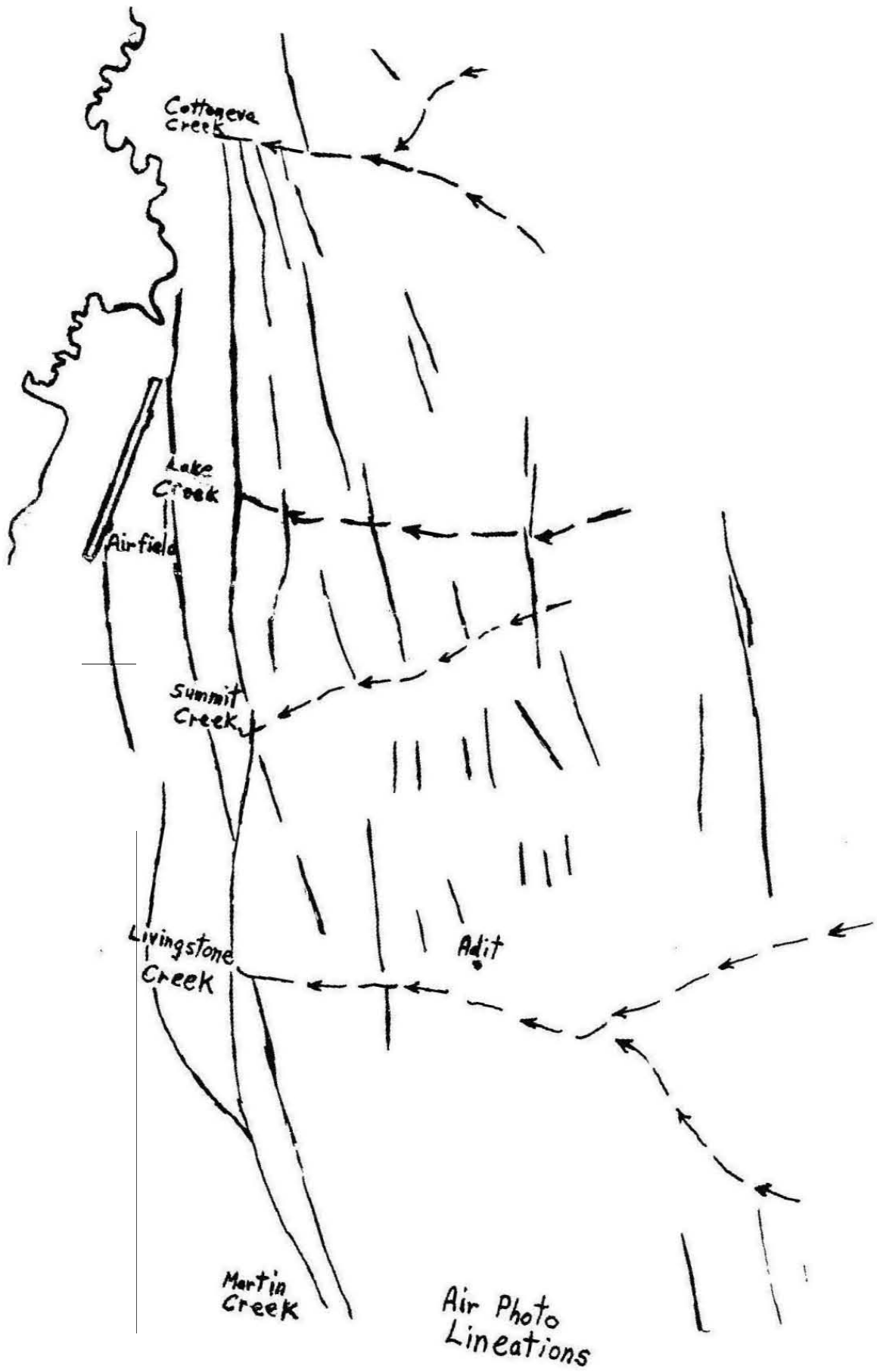
McConnell first described the geology and the placer gold deposits of the Livingstone Creek area in 1901. Cockfield, Lees, and Bostock carried out regional geological mapping between 1929 and 1934. This work resulted in Map 372 A being issued in 1936.

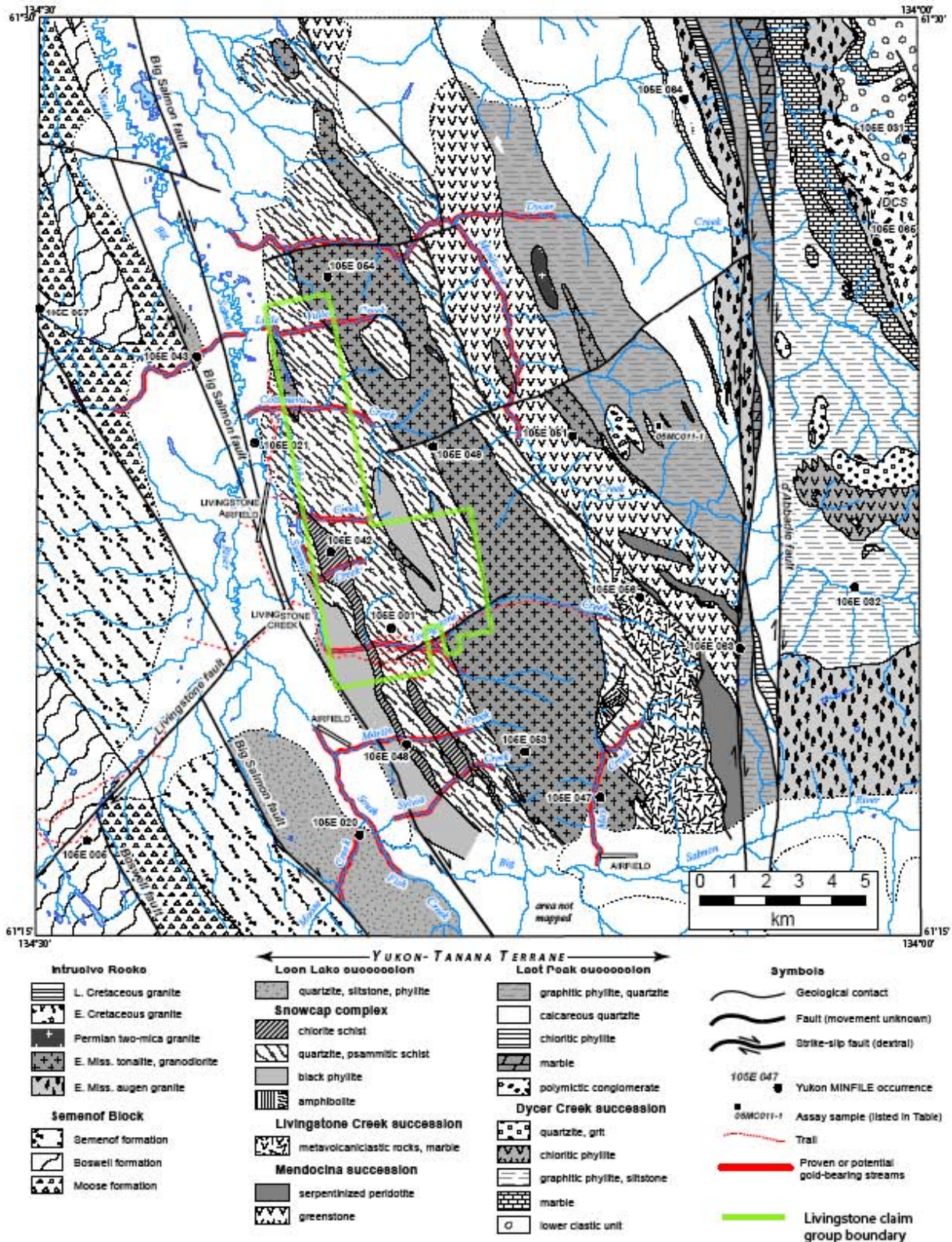
The regional geology was reinterpreted by Tempelman-Kluit in 1977 – 1979. This interpretation identified the Big Salmon Fault, into which the placer creeks drain. He also identified the Teslin Fault (4 -- 6 miles west of the Livingstone camp) as the ancient western margin of North America. Tempelman-Kluit 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. 7).

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. This is 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. 6). Carlyle had been using this TAG model for his exploration until the 2010 year's work program.





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.

WORK PROGRAM:

The 2011 work program was the second year in which Carlyle attempted to verify 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 (approx. 35 km.) and Big Salmon Faults (approx. 57 km.). Carlyle flew with Whitehorse Air to the main Livingstone airstrip at the base of Lake Creek on August 9, 2011 and returned with the same company to Whitehorse on August 22, 2011. Carlyle was extremely fortunate to be able to establish a camp in an old skid shack situated on the edge of the airstrip. Fortunate because those two weeks were the rainiest and most miserable Carlyle has experienced in well over twenty years of working in the Yukon wilderness. The shack had a roof which didn't leak and a much-needed functional barrel stove.

An old ATV was rented from Agamemnon Fishing Co. Ltd. (actively placer mining on Little Violet Creek) for travel on the numerous cat trails which exist in the camp. These trails have become heavily overgrown since 2000, but still offer fairly good access to most areas. Prospecting and soil sampling was done in several areas on the claim block (See the 2011 Work Areas map).

Lake Creek Sample Areas:

Soil samples were taken at two locations along this creek. Samples LK11 1 – 4 were taken in an area of undisturbed ground near where a former Fuerstner camp had been located. The site represented a location where a Mississippian lineation crosses the creek and samples were taken approximately 100 metres from Lake Creek. This was done to give an indication of the distance Cretaceous gold-bearing fluids would migrate out into the preexisting lineations.

Samples LK11 5 – 8 were taken across the creek above what was thought to be the extent of recent placer mining. An old monitor gate and pipe were located in disturbed ground just downstream from where the samples were taken. Overburden in this area is expected to approach 50 metres in thickness.

Summit Creek Sample Area:

Six soil samples (SC11 1 – 6) were taken across the Summit Creek approximately 60 metres downstream from a couple of lines of soil samples taken in 2010. An old cat trench was discovered in the area. Rock sample SC11R1 was taken from it. These samples allowed rough contouring of mineralizing elements to be done (See SC11 & SCW Soil (m) Sketches).

Livingstone Creek Sample Area:

Five soil samples (LV11 1 – 5) were taken down the steep north-facing bank and ending on the edge of Livingstone Creek. The samples were taken just upstream from the furthest extent of Fuerstner placer mining. Sample LV11 – 1 was taken on approximately 50 metres of overburden; while sample LV11 – 5, taken on the edge of the creek, is probably on considerably less overburden.

Sheen's Gulch Sample Area:

A south flowing creek, which has a confluence with Livingstone Creek near the top of the canyon, is known locally as Sheen's Gulch. The creek has its headwaters significantly east of its confluence with Livingstone Creek. This curvature in the creek suggests that much of its length follows an extensional fault parallel the fault Colpron has mapped in Livingstone Creek (See Colpron Map, pg. 7). The creek may have encountered a strong lineation which caused it to turn to join Livingstone.

A line of six soil samples (SG11 1 – 6) were taken at 50 metre spacings across the headwaters of the creek in an attempt to confirm this interpretation.

An eastward expression of this extensional fault may be indicated by a prominent terrace in the topography east of the sample area (See 2011 Work Areas and Inferred Faults Map).

Rock Sample SV11-1:

The sample was taken from a 20-foot high waterfall approximately 200 metres upstream of the road on Sylvia Creek. It was of slightly vuggy quartz stringers in steeply dipping carbonaceous slate with limonite staining, some siderite (?) and no visible mineralization. The sample was taken because its strike approximated that expected from a Cretaceous extensional fault.

The mineral element assay results were disappointing: < 0.5 ppb. Au; 8.7 ppm. Cu; 6.4 ppm. As; 16.9 ppm. Pb; 0.4 ppm. Sb; and 12.0 ppm. Zn.

Adit Area:

Although no physical work was done in the Adit area this year, it is being included in this report because Carlyle has been puzzled by the mineralized boudin found in the area having a strike of 85° Az. This strike may indicate that it is in an extensional fault (See 2011 Work Areas and Inferred Faults Map).

The 2 metre X 2 metre boudin is in the nose of an upright antiform. It runs 4.5 grams Au through the 14.5 metres that have been exposed. The boudin has been displaced at both its eastern and western ends (displaced segments have not been located), which may indicate dextral movement along some of the lineations.

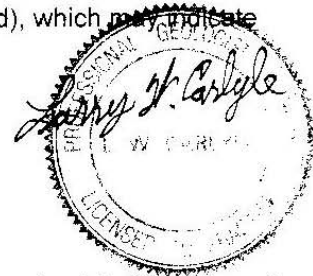
CONCLUSIONS:**Lake Creek Sample Areas:**

Samples LK11 1 – 4 taken near the former camp site would have approximately 20 metres of overburden below them. The mineral elements plotted on the soil sample sketches do not give a clear indication of Cretaceous mineralization extending into the Mississippian lineation at this location from the potential extensional fault in Lake Creek.

Samples LK11 5 – 8 taken across the Lake Creek in this location would have approximately 50 metres of overburden below them. The mineral elements plotted on the soil sample sketches increase slightly near the creek as would be expected if a Cretaceous extensional fault were present in the creek.

Summit Creek Sample Area:

The rough contours drawn from combining the 2011 soil samples and rock sample with some of the 2010 soil samples taken approximately 60 metres further upstream give some useful information. In spite of the location having approximately 50 metres of overburden below it, contours give indications of the mineralization extending along Summit Creek. The contours of the mineral elements plotted on the soil sample sketches give a weak indication of Cretaceous mineralization extending into the Mississippian lineation from an extensional fault in the creek (See SC11 & SCW Soil (m) Sketches).



Livingstone Creek Sample Area:

The mineral elements plotted on the soil sample sketches for Samples LV11 1 – 5 do not give a clear indication of Cretaceous mineralization in an extensional fault down Livingstone Creek.

Sheen's Gulch Sample Area:

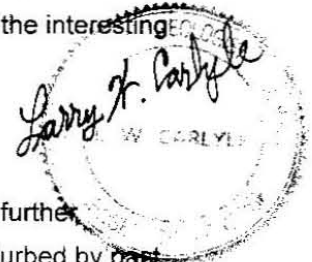
Sampling at 50 metre spacings along the line may have resulted in some structures not having been located. Sampling was done from the south (lower elevation) end toward the north (higher elevation) end. This suggests that there is more overburden cover at lower elevations than at higher elevations. More overburden would generally result in lower assay values being returned from sampling. Sample SG11 – 6 returned values of 37.4 ppb. Au; 34.0 ppm. Cu; 11.9 ppm. Pb; and 96.0 ppm. Zn. These values indicate the possibility of a Cretaceous extensional fault being present.

Adit Area:

The strike of the boudin exposed in the Adit area approximates that of a Cretaceous extensional fault (See 2011 Work Areas map). This makes the need to revisit the area and the interesting results obtained, particularly from 2000, more important.

RECOMMENDATIONS:

1. Further sampling on Lake and Summit Creeks will be difficult. Sampling further downstream from that already done would probably encounter areas disturbed by past placer mining. Sampling further upstream from that already done would probably be on the adjoining Liv Claims. Additional samples taken across Summit Creek between the 2010 SCW sample area and the 2010 SCM sample area may give further indications of Cretaceous mineralization in the creek.
2. The positive indications obtained from the line of soil samples taken across the headwaters of Sheen's Gulch suggests taking further lines of samples across the creek, particularly in areas where Mississippian lineations cross it (See 2011 Work Areas Map), would add important information.



3. The realization that the mineralized boudin exposed at the old adit site is probably in a Cretaceous extensional fault requires another look at previous data. Further sampling and excavations will be needed to locate the offset portions of the boudin and any additional mineralization located.
4. The fault mapped by Colpron along Livingstone Creek strikes along a bench on the south side of the creek. The Fuerstner operation excavated a ditch along it to bring monitor water from a control structure at the confluence of the north and south branches of Livingstone Creek. Like the adit area, much previous data exists from this area and another look is required.

STATEMENT OF COSTS:

Fixed Wing Aircraft flights (Whitehorse Air Services)	\$ 577.50
ATV Rental (Agamemnon Fishing Co. Ltd.)	\$ 1,200.00
Geologist wages [Aug. 9 – 22/11 (14 days @ \$500/day)]	\$ 7,000.00
Room & Board (14 days @ \$99.60/day [YG Rate])	\$ 1,394.40
Field Supplies (flagging, samples bags, stove fuel, ATV fuel, etc.)	\$ 130.00
Office Supplies (photocopying, paper, computer, ink, etc.)	\$ 100.00
Purchase of 1 year activation for Gstar SPOT	\$ 99.99
Sample Analysis [Acme Analytical Labs](WHI11001250.1 & WHI11001251.1)	\$ 615.83
Report Writing	\$ 2,000.00
Total	\$13,117.72



REFERENCES:

Carlyle, Larry W., (2010) **2010 Work Program, 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

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

Colpron, M., (2005) **Geological Map of Livingstone Creek area (105 E/8), Yukon (1:50,000 scale)**; Open File 2005 – 9: Yukon Geological Survey, Energy, Mines and Resources: Government of Yukon

Carlyle, Larry W. (2000) **VLF – EM Surveying, 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. (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. (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. (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

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 registered Professional Geologist in the Association of Professional Engineers, Geologists and Geophysicists of the Province of Alberta (41097).
4. That I am a Fellow of the Geological Association of Canada (F – 4355).
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 *15th* day of January, 2012.



APPENDIX A

ANALYTICAL CERTIFICATES



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

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Client: **Carlyle, Larry W.**
2 Soapberry Lane
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Submitted By: Larry W. Carlyle
Receiving Lab: Canada-Whitehorse
Received: August 22, 2011
Report Date: October 06, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WH111001251.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 2

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	2	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	2	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

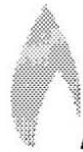
Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return

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

CC



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Labs

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Project: None Given
Report Date: October 06, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS																	WH11				09123111				
Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P					
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%					
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001					
SC11-R1	Rock	1.16	0.2	27.3	4.1	11	<0.1	9.6	4.3	330	1.09	7.0	2.2	5.8	5	<0.1	0.2	0.2	2	0.36	0.016				
SV11-1	Rock	1.22	0.2	8.7	16.9	12	<0.1	4.5	2.5	147	0.69	6.4	<0.5	2.3	19	<0.1	0.4	0.2	3	0.26	0.029				



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Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS WH11001251.1

Method	Analyte	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
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	
SC11-R1	Rock	14	3	0.09	33	<0.001	<1	0.32	0.029	0.12	0.2	0.07	0.5	<0.1	<0.05	<1	<0.5	<0.2
SV11-1	Rock	5	3	0.09	23	0.003	<1	0.22	0.027	0.06	0.9	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2

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Project: **None Given**
Report Date: **October 06, 2011**

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

INPK11001251/3

Method	Analyte	Unit	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		
		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																			
REP G1	QC		13	8	0.49	153	0.112	1	0.93	0.099	0.47	0.4	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2
Reference Materials																			
STD DS8	Standard		13	112	0.59	248	0.102	3	0.89	0.090	0.41	2.6	0.18	1.9	5.1	0.16	4	4.8	4.8
STD DS8 Expected			14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank		<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	
Prep Wash																			
G1	Prep Blank																		
G1	Prep Blank		13	4	0.50	152	0.100	1	0.92	0.094	0.46	0.4	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number, in addition to the date on this certificate. Signature indicates final approval. Preliminary reports are unapproved and should be used for reference only.



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Report Date: October 06, 2011

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QUALITY CONTROL REPORT

WJ111001251.1

Method	Analyte	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
REP G1	QC		0.6	3.3	3.7	47	<0.1	2.6	3.8	553	1.90	0.5	<0.5	5.1	54	<0.1	<0.1	<0.1	36	0.45	0.072
Reference Materials																					
STD DS8	Standard		12.8	105.4	110.3	294	1.6	36.4	7.1	571	2.29	23.3	100.0	5.8	58	2.1	4.8	5.9	39	0.66	0.073
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank																				
G1	Prep Blank		0.1	3.1	3.7	49	<0.1	2.8	3.9	548	1.86	<0.5	<0.5	5.0	55	<0.1	<0.1	<0.1	35	0.46	0.065

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. High blue indicates that analysis preliminary reports are assigned and should be used for reference only.



Acme Labs

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

www.acmelab.com

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

Submitted By: Larry W. Carlyle
Receiving Lab: Canada-Whitehorse
Received: August 22, 2011
Report Date: October 18, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WH01110012303

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number:
Number of Samples: 25

SAMPLE DISPOSAL

RETURN: Return
DISP-RT-SOIL: Immediate Disposal of Soil Reject

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

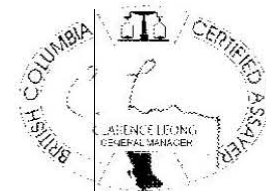
Invoice To: Carlyle, Larry W
2 Soapberry Lane
Whitehorse YT Y1A 5W5
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 50C	25	Dry at 50C			WHI
SS80	25	Dry at 50C sieve 10µg to 80 mesh			WHI
11X2	25	1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAH

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.

** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



AcmeLabs

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

www.acmelab.com

Client: **Carlyle, Larry W.**
 2 Soapberry Lane
 Whitehorse YT Y1A 5W5 Canada

Project: None Given
 Report Date: October 16, 2011

Page: 2 of 2 Part: 2

CERTIFICATE OF ANALYSIS Whitehorse 001250.1

Method	Analyte	Unit	1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15		1DX15	
			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	ppm
		MDL	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	
LK11-1	Soil		37	0.46	111	0.032	1	0.98	0.009	0.05	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
LK11-2	Soil		13	0.20	58	0.051	2	0.49	0.021	0.04	0.1	0.02	0.9	<0.1	<0.05	2	<0.5	<0.2
LK11-3	Soil		37	0.57	140	0.051	1	0.94	0.014	0.05	0.2	0.10	2.4	<0.1	<0.05	3	<0.5	<0.2
LK11-4	Soil		35	0.59	97	0.031	1	0.93	0.009	0.09	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
LK11-5	Soil		34	0.63	206	0.025	2	1.09	0.018	0.07	0.1	0.06	2.6	<0.1	0.07	4	1.0	<0.2
LK11-6	Soil		64	1.42	212	0.075	2	1.85	0.019	0.15	0.2	0.08	2.6	<0.1	<0.05	6	0.5	<0.2
LK11-7	Soil		38	0.87	196	0.034	2	1.35	0.016	0.12	0.3	0.07	3.5	<0.1	0.09	4	1.5	<0.2
LK11-8	Soil		28	0.65	132	0.036	2	0.94	0.009	0.08	0.2	0.05	2.7	<0.1	0.05	3	<0.5	<0.2
SG11-1	Soil		20	0.27	109	0.017	<1	0.89	0.025	0.03	0.1	0.04	0.6	<0.1	0.07	3	<0.5	<0.2
SG11-2	Soil		33	0.66	216	0.047	<1	1.48	0.010	0.05	0.2	0.03	1.8	0.2	0.05	5	<0.5	<0.2
SG11-3	Soil		33	0.76	666	0.009	2	1.69	0.008	0.04	0.1	0.16	0.9	0.2	0.24	4	1.4	<0.2
SG11-4	Soil		43	0.46	140	0.018	<1	1.13	0.011	0.07	0.2	0.02	0.7	0.1	<0.05	5	<0.5	<0.2
SG11-5	Soil		44	0.75	167	0.074	<1	1.42	0.006	0.08	0.4	0.04	2.5	<0.1	<0.05	4	0.6	<0.2
SG11-6	Soil		59	0.85	193	0.037	1	1.46	0.007	0.12	0.5	0.07	4.1	<0.1	<0.05	4	<0.5	<0.2
LV11-1	Soil		43	0.89	162	0.082	2	1.64	0.025	0.16	0.2	0.10	7.9	0.2	<0.05	5	0.6	<0.2
LV11-2	Soil		41	0.74	146	0.048	2	1.39	0.016	0.10	0.3	0.07	4.8	0.1	<0.05	4	<0.5	<0.2
LV11-3	Soil		38	0.70	145	0.053	2	1.34	0.015	0.10	0.2	0.05	4.7	0.1	<0.05	4	0.5	<0.2
LV11-4	Soil		45	0.87	135	0.068	1	1.49	0.017	0.14	0.2	0.05	5.2	0.1	<0.05	5	<0.5	<0.2
LV11-5	Soil		40	0.60	122	0.051	1	1.33	0.016	0.13	0.5	0.05	4.5	0.1	<0.05	4	<0.5	<0.2
SC11-1	Soil		56	0.86	205	0.059	1	1.30	0.009	0.09	0.1	0.07	4.2	<0.1	<0.05	5	<0.5	<0.2
SC11-2	Soil		45	0.74	125	0.041	<1	1.08	0.006	0.09	0.2	0.05	3.2	<0.1	<0.05	4	0.6	<0.2
SC11-3	Soil		44	0.68	188	0.034	<1	1.35	0.007	0.07	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
SC11-4	Soil		20	0.57	97	0.035	1	0.93	0.008	0.11	0.5	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
SC11-5	Soil		28	0.54	77	0.037	<1	0.86	0.008	0.07	0.3	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
SC11-6	Soil		42	0.82	161	0.032	2	1.28	0.015	0.13	0.1	0.05	3.1	<0.1	<0.05	4	0.7	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unapproved and should be used for reference only.



Acme Labs

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.
 2 Soapery Lane
 Whitehorse Y1 1Y1A 5W5 Canada

Project: None Given
Report Date: October 18, 2014

Page 1 of 1 Part 1

QUALITY CONTROL REPORT 01111 (00)25681

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
1 V11-1 Soil	15	53.4	8.0	89	0.2	38.6	17.5	684	3.61	16.2	3.3	4.8	68	0.3	1.3	0.3	73	1.77	0.104	17	
REP, V11-1 QC	15	52.9	9.5	87	0.1	39.9	17.4	686	3.67	16.6	4.2	4.8	65	0.3	1.1	0.2	72	1.76	0.106	17	
Reference Materials																					
STD CSS Standard	142	121.1	131.4	339	1.9	39.5	8.1	658	2.64	28.1	114.0	7.2	7.2	2.6	5.9	7.1	46	0.73	0.089	17	
STD CSS Expected	13.44	110	123	312	1.68	38.1	7.5	615	2.48	26	107	8.89	67.7	2.36	5.7	6.07	41.1	0.7	0.08	14.6	
BLK Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates that approval. Preliminary reports are unsigned and should be used for reference only.



Acme Labs

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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Carlyle, Larry W.**
2 Soapberry Lane
Whitehorse YT Y1A 5W5 Canada

Project: None Given
Report Date: October 18, 2011

Page: 1 of 1 Part: 2

QUALITY CONTROL REPORT

WH110010501

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		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
MDL		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
Auto Duplicates																	
LV11-1	Soil	43	0.89	162	0.082	2	1.64	0.025	0.16	0.2	0.10	7.9	0.2	<0.05	5	0.5	<0.2
REP LV11-1	QC	43	0.67	158	0.073	2	1.60	0.025	0.15	0.2	0.10	7.8	0.1	<0.05	5	0.8	<0.2
Reference Materials																	
STD DSB	Standard	126	0.64	310	0.127	2	0.89	0.110	0.47	3.1	0.22	2.8	5.9	0.15	5	6.1	5.7
STD DSB Expected		115	0.5045	279	0.113	2.6	0.85	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.25	5
BLK	Blank	<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

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APPENDIX B

INVOICES SUPPORTING STATEMENT OF COSTS

AcmeLabs

Acme Analytical Laboratories (Vancouver) Ltd
 1020 Cordova St. East
 Vancouver, BC Canada V6A 4A3
 Phone 604 253 3158 Fax 604 253 1716
 GST # 843013921 RT

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

Invoice Date: October 18, 2011
 Invoice Number: **VANI099927**
 Submitted by: Larry W. Carlyle
 Job Number: WHI11001250
 Order Number:
 Project Code: None Given
 Shipment ID:
 Quote Number

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	25	\$2.25	\$56.25
2	1DX2	15g Aqua Regia digestion ICP-MS	25	\$19.00	\$475.00
3	DIS-PLP	Warehouse disposition of pups	25	\$0.10	\$2.50
				Net Total	\$533.75
				Canadian GST	\$26.69
				Grand Total	CAD \$560.44

Invoice Stated in Canadian Dollars

Payment Terms

Due upon receipt of invoice. 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.
 HSBC
 885 West Georgia St
 Vancouver, BC, Canada V6C 3G1
 Account # 428755-001
 Bank Transit # 10270-016
 Swift Code: HKBCCATT

For payment in US Funds:
 Acme Analytical Laboratories (Vancouver) Ltd.
 HSBC
 985 West Georgia St
 Vancouver, BC, Canada V6C 3G1
 Account # 428755-070
 Bank Transit # 10270-016
 Swift Code: HKBCCATT

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

AcmeLabs

Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East
 Vancouver, BC Canada V6A 4A3
 Phone 604 253 3158 Fax 604 253 1716
 GST # 843013921 RT

Bill To: Caryle Larry W
 2 Spadina Lane
 Winterton, ON N1A 5W6
 Canada

Invoice Date: October 11, 2011
 Invoice Number: **VANI098973**
 Submitted by: Larry W. Caryle
 Job Number: WH11001251
 Order Number:
 Project Code: None Given
 Shipment ID:
 Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	R200-250	Crush and Pulverize 250 g	2	\$6.85	\$13.70
2	R200-250	Overweight/drop charges per 100g	6	\$0.07	\$0.35
3	1DX2	15g Aqua Regia digestion O.P.M.S.	2	\$19.00	\$38.00
4	S-PLP	Warehouse disposition of pipes	2	\$0.10	\$0.20
5	S-RJT	Warehouse disposition of reject	2	\$0.25	\$0.50
Net Total					\$52.75
Canadian GST					\$2.64
Grand Total					CAD \$55.39

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. 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.
 HSBC
 885 West Georgia St.
 Vancouver, BC, Canada V6C 3G1
 Account # 428755-001
 Bank Transit # 10270-016
 Swift Code: HKBCCATT

For payment in US Funds:
 Acme Analytical Laboratories (Vancouver) Ltd.
 HSBC
 885 West Georgia St.
 Vancouver, BC, Canada V6C 3G1
 Account # 428755-070
 Bank Transit # 10270-016
 Swift Code: HKBCCATT

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

Whitehorse Air Services Ltd

40 Lodestar Lane, Whitehorse
Yukon, Canada Y1A 6E6

Date: 9 AUG 2011

To: Lanny Connors

AIRCRAFT
CHARTER
INVOICE

Aircraft

Reg: C- G-FGJ

Model: C172

Wheels Floats

Charter Date	From	Routing To	Return	Hours	Miles
09 AUG	WHSE	LIV.	WHSE		100
22 AUG	WHSE	LIV	WHSE		100

TOTAL 200

Rates: Statute Miles

\$ 2.75 Mile x 200 Miles = \$ 550.00

\$ Hr Wet x Hours = \$

\$ / Hr Dry x Hours = \$

Fuel Surcharge \$ Mile or Hour = \$

Other \$

Contract # Subtotal \$ 550.00

Authorized Signature: GST \$ 27.50

TOTAL \$ 577.50

Visa Mastercard Cheque Cash Debit Charge

Terms: Payable upon Receipt

AC

* Fuel Surcharge may apply if price of fuel rises after initial quote

Agamemnon Fishing Co. Ltd.

Received from Larry Carlyle ---1200 \$ for 12 days

Rental on Yamaha ATV for 12 days for assessment

Transportation in Livingstone area

Wilf Phillips



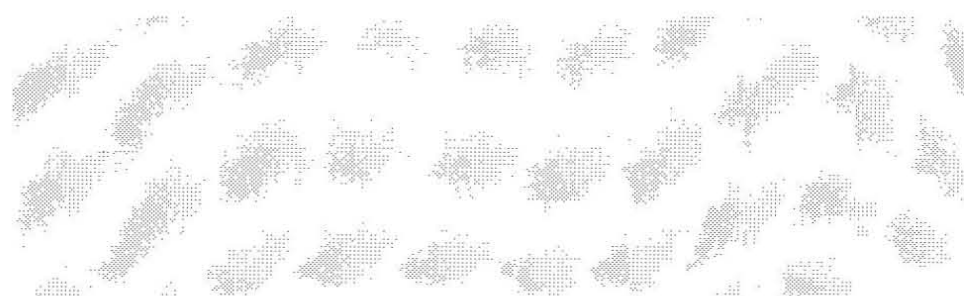
Account Name: Larry Carlyle
 Account Number: 1.50163869
 Invoice Number: 100000003227117
 Bill Close Date: 08/01/2011

Invoice Summary

Due Date	Current Charges	Amount Due
08/09/2011	\$99.99	\$99.99
Previous Balance		
	0.00	
Payments	0.00	
Balance		\$0.00
Current Charges		
Monthly Activity - 1 Service(s)	99.99	
Taxes and Surcharges	0.00	
Current Invoice Total		\$99.99
Total Amount Due Including Balance >		
		\$99.99

Questions about your invoice?

You can contact us:
 1 (866) OK1-SPOT
 1 (866) 651-7768
 +1-408-933-4518
 or
 email us at
 customerservice@findmespot.com
 or
 visit our Web sites at:
 www.findmespot.com



Please detach and return bottom portion with your payment.



Account Number	Due Date	Amount Due	Amount Paid
1.50163869	08/09/2011	\$99.99	\$
Ref No	Inv No		
50174043	100000003227117		

Send Payment to:

Payable at Most Financial Institutions

Order Use Only

Larry Carlyle
 2 Soapberry Lane
 Whitehorse YK Y1A 5W5

PER YOUR AUTHORIZATION, THE
 TOTAL AMOUNT DUE WILL BE BILLED
 TO YOUR CREDIT CARD ON OR JUST PRIOR
 TO 08/09/2011

5017 4043 1000 0000 0322 7117 5 0000 0099 99 8

APPENDIX C

2011 FIELD WORK

GPS WAYPOINT COORDINATES

2011 Livingstone Field Work Way Points

<u>Point</u>	<u>Northing</u>	<u>Easting</u>
Camp	6803924	0533520
Flatbd	6799702	0536985
LK11 – 1	6803824 (?)	0535611
LK11 – 2	6803607	0535584
LK11 – 3	6803609	0535571
LK11 – 4	6803599	0535565
LK11 – 5	6803558 (?)	0536121 (?)
LK11 – 6	6803475	0536073
LK11 – 7	6803486	0536067
LK11 – 8	6803512	0536052
LKCK – N	6803494	0535575
LV11 – 1	6799612	0537044
LV11 – 2	6799622	0537037
LV11 – 3	6799635	0537034
LV11 – 4	6799649	0537028
LV11 – 5	6799652	0537020
SC11 – 1	6802076	0536237
SC11 – 2	6802078	0536239
SC11 – 3	6802100	0536242
SC11 – 4	6802119	0536245
SC11 – 5	6802123	0536247
SC11 – 6	6802128	0536252
SC11R1	6802188	0536277
SG11 – 1	6801371	0538247
SG11 – 2	6801418	0538226
SG11 – 3	6801460	0538208
SG11 – 4	6801501	0538185
SG11 – 5	6801546	0538160
SG11 – 6	6801592	0538135
SV11 – 1	6793066	0540626

APPENDIX D

LIVINGSTONE CAMP PRODUCTION

Livingstone Camp Production

1974 Staff Report by Gordon Bennett

<u>Year</u>	<u>Production (\$)</u>	<u>Production (ozs. @ \$15./oz)</u>
1899 (Black & Lough)	\$ 3,600	240
1900	\$ 10,000	666.7
1901	\$ 7,193.56	479.6
1902 (Extreme rain conditions)		
1903	\$100,000	6666.7
1904 (late spring; early frost)	\$ 40,000	2666.7
1905	\$100,000	6666.7
1906 – 1910	\$ 35,000 -- \$100,000	2333.3 – 6666.7
1916 (Livingstone only)	\$ 8,195.85	546.39 (valued @ \$15/oz)
1917 (Livingstone only)	\$ 7,289.55	485.97 (valued @ \$15/oz)
1930 (Lake Creek)	\$ 3,000	200

Most of the gold produced came from Livingstone Creek. Mr. Bennett's well researched report concludes; "It has been estimated that Livingstone and surrounding creeks yielded something in excess of \$1,000,000 worth of gold, the largest portion of which was taken out between 1900 and 1910. Because no records were kept of production from various creeks it is impossible to verify this figure. More likely it was closer to \$750,000."

If the \$750,000 production is accepted, and using the \$15/oz price – this represents 50,000 ozs.

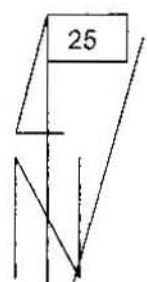
50,000 ozs. is what the mining recorder uses as the official production from the camp. This ignores the significant production between 1930 and 2000. For this reason, I believe the figure of 100,000 ozs. that Max Fuerstner and I use as our estimate of production is fairly accurate.

January 27, 2011

Larry W. Carlyle, P. Geol.

0536200 E

0536300 E



SC11R1
11.0

SCW -- 4
58.0

SCW -- 6
55.0

50.0

SCW -- 5
55.0

SC11 -- 6
65.0

SCW -- 7
54.0

SC11 -- 5
43.0

SCW -- 3
47.0

50.0

SC11 -- 4
50.0

SCW -- 8
64.0

SC11 -- 3
49.0

Summit Creek
Flow

SCW -- 2
65.0

6802100 N

50.0

75.0

SCW -- 9
85.0

SC11 -- 2
64.0

SCW -- 1
86.0

SC11 -- 1
71.0

SC11 & SCW (2010) SOIL SAMPLES
Approx. 1 Cm. = 10 Metres



Zn (ppm)

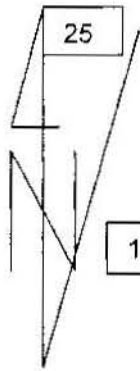
6802000 N

0536200 E

0536300 E

0536200 E

0536300 E



SC11R1
0.2

1.0

SCW -- 4
1.8

SCW -- 6
1.4

SCW -- 5
1.5

SC11 -- 6
1.4

SCW -- 7
1.3

1.0
SC11 -- 5
0.9

SCW -- 3
1.0

1.0
SC11 -- 4
1.0

SCW -- 8
0.8

SC11 -- 3
0.9

Summit Creek Flow

SCW -- 2
0.7

6802100 N

1.0
SC11 -- 1
1.2

SC11 -- 2
1.0

SCW -- 1
0.8

SCW -- 9
1.0

SC11 & SCW (2010) SOIL SAMPLES
Approx. 1 Cm. = 10 Metres

Sb (ppm)

6802000 N

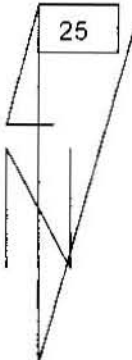
0536200 E

0536300 E



0536200 E

0536300 E



SC11R1
4.1

5.0

SCW -- 6
8.9

SCW -- 4
10.0

10.0

SCW -- 5
9.6

SCW -- 7
11.3

10.0

SCW -- 3
8.2

SCW -- 8
8.7

SC11 -- 6
7.3

SC11 -- 5
6.9

SC11 -- 4
7.8

SCW -- 2
8.4

6802100 N

SC11 -- 3
8.8

Summit Creek Flow

SCW -- 9
8.7

SCW -- 1
8.3

SC11 -- 1
9.9

SC11 -- 2
9.5

SC11 & SCW (2010) SOIL SAMPLES
Approx. 1 Cm. = 10 Metres

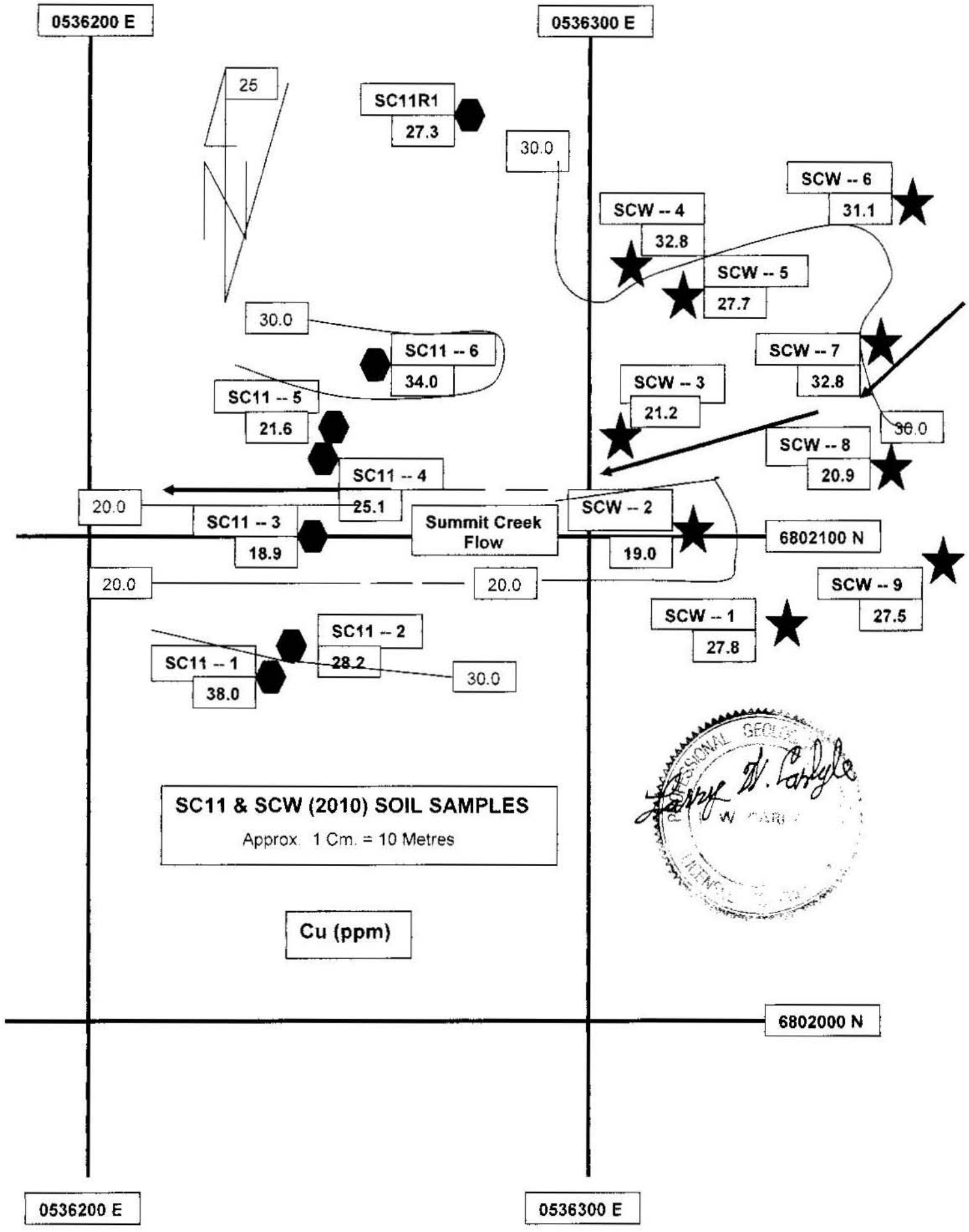


Pb (ppm)

6802000 N

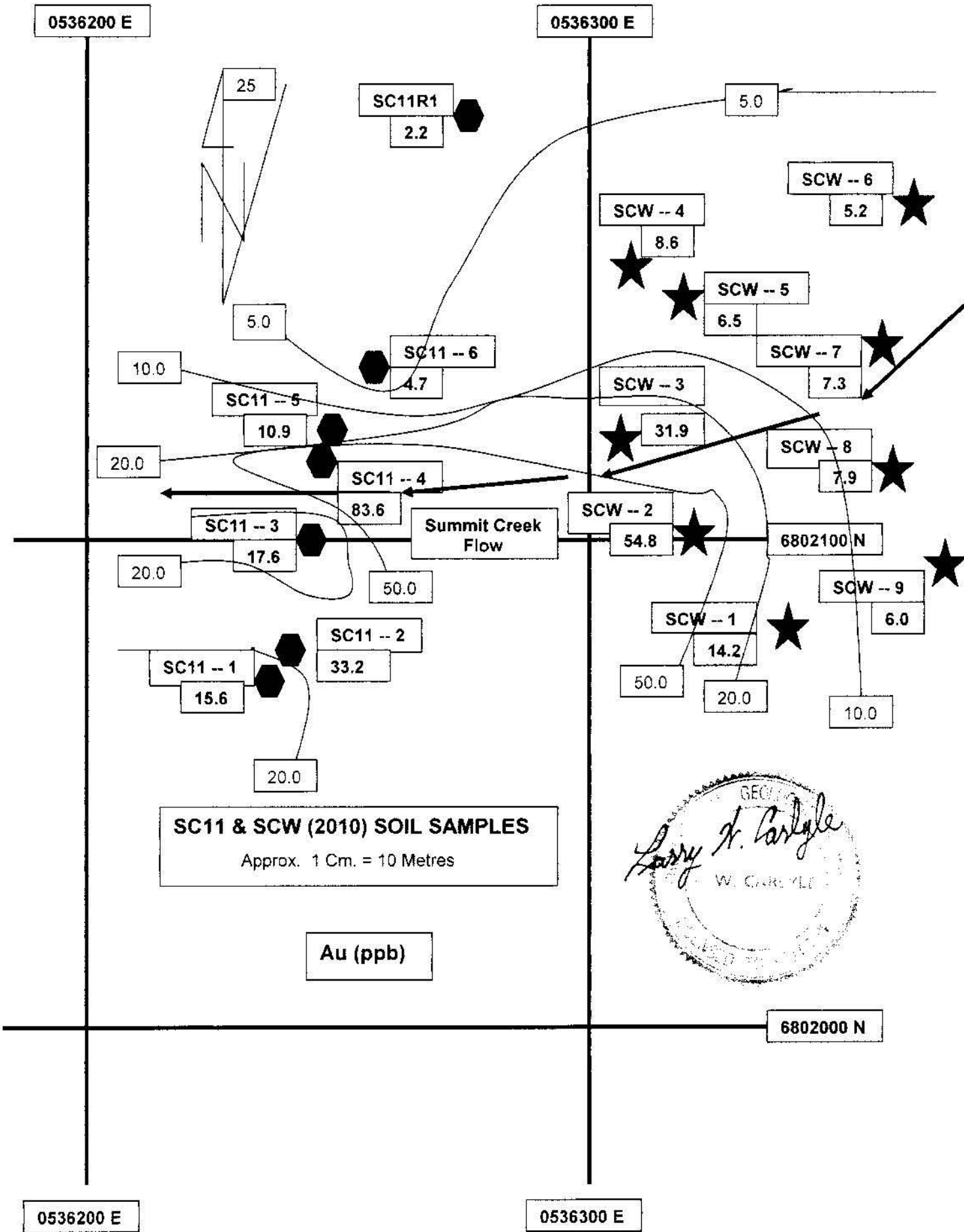
0536200 E

0536300 E



0536200 E

0536300 E



0536200 E

0536300 E



SC11R1
7.0

10.0

SCW -- 4
18.8

SCW -- 6
17.2

15.0

SC11 -- 6
17.6

SCW -- 5
15.8

SCW -- 7
17.6

SC11 -- 5
15.4

SCW -- 3
14.9

SCW -- 8
11.1

15.0

SC11 -- 4
14.6

SC11 -- 3
13.1

Summit Creek Flow

SCW -- 2
13.1

6802100 N

SC11 -- 1
20.4

SC11 -- 2
14.3

SCW -- 1
11.1

SCW -- 9
13.6

20.0

SC11 & SCW (2010) SOIL SAMPLES
Approx. 1 Cm. = 10 Metres

As (ppm)



6802000 N

0536200 E

0536300 E

Sheen's Gulch Soil Samples

Approx. 1 Cm. = 25 Metres

Zn (ppm)

25

SG11 -- 6

96.0

SG11 -- 5

70.0

SG11 -- 4

54.0

SG11 -- 3

49.0

SG11 -- 2

49.0

SG11 -- 1

25.0

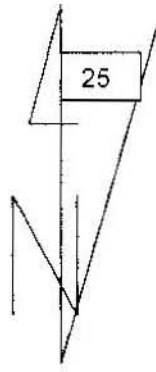


6801300 N

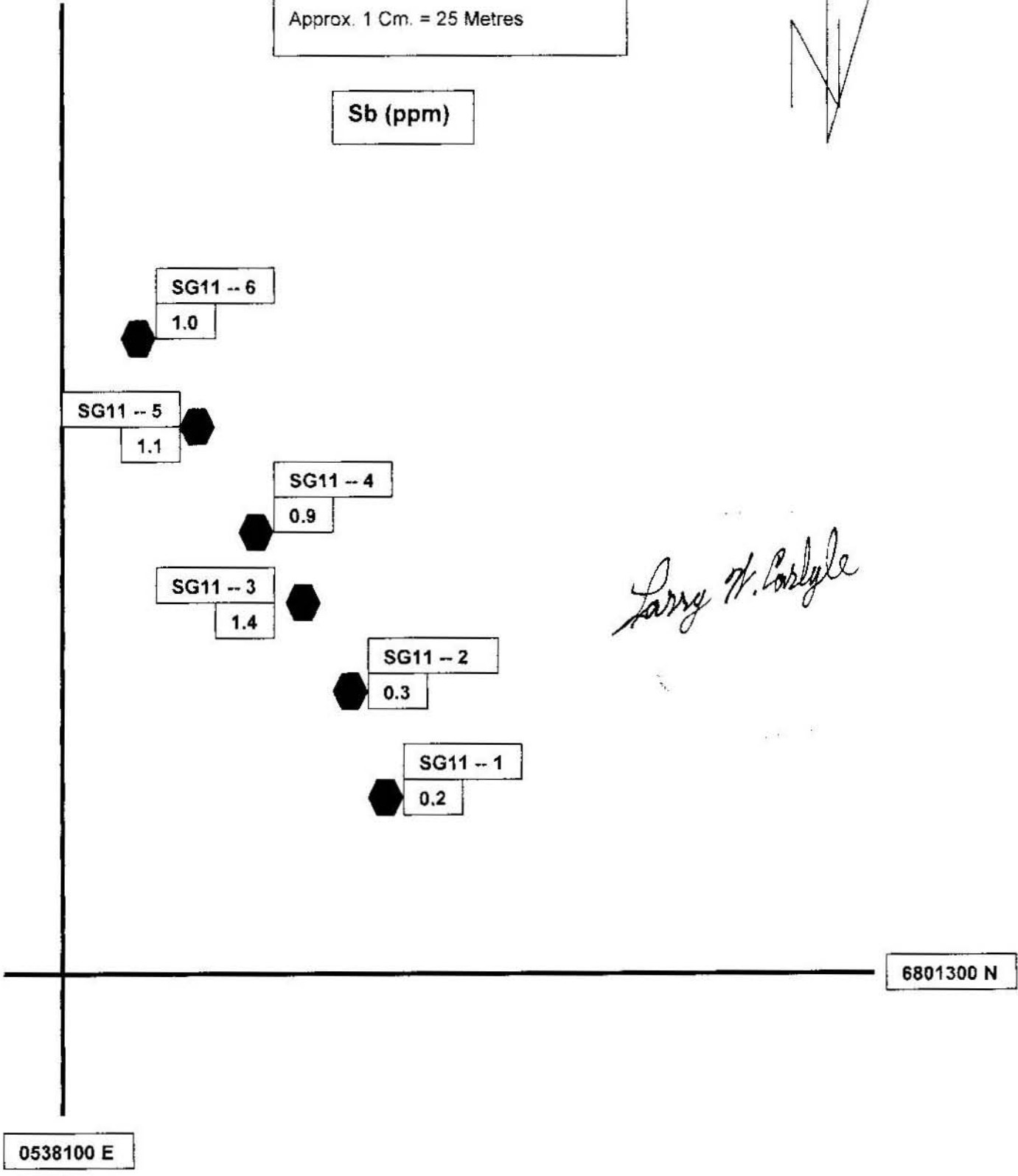
0538100 E

Sheen's Gulch Soil Samples

Approx. 1 Cm. = 25 Metres



Sb (ppm)



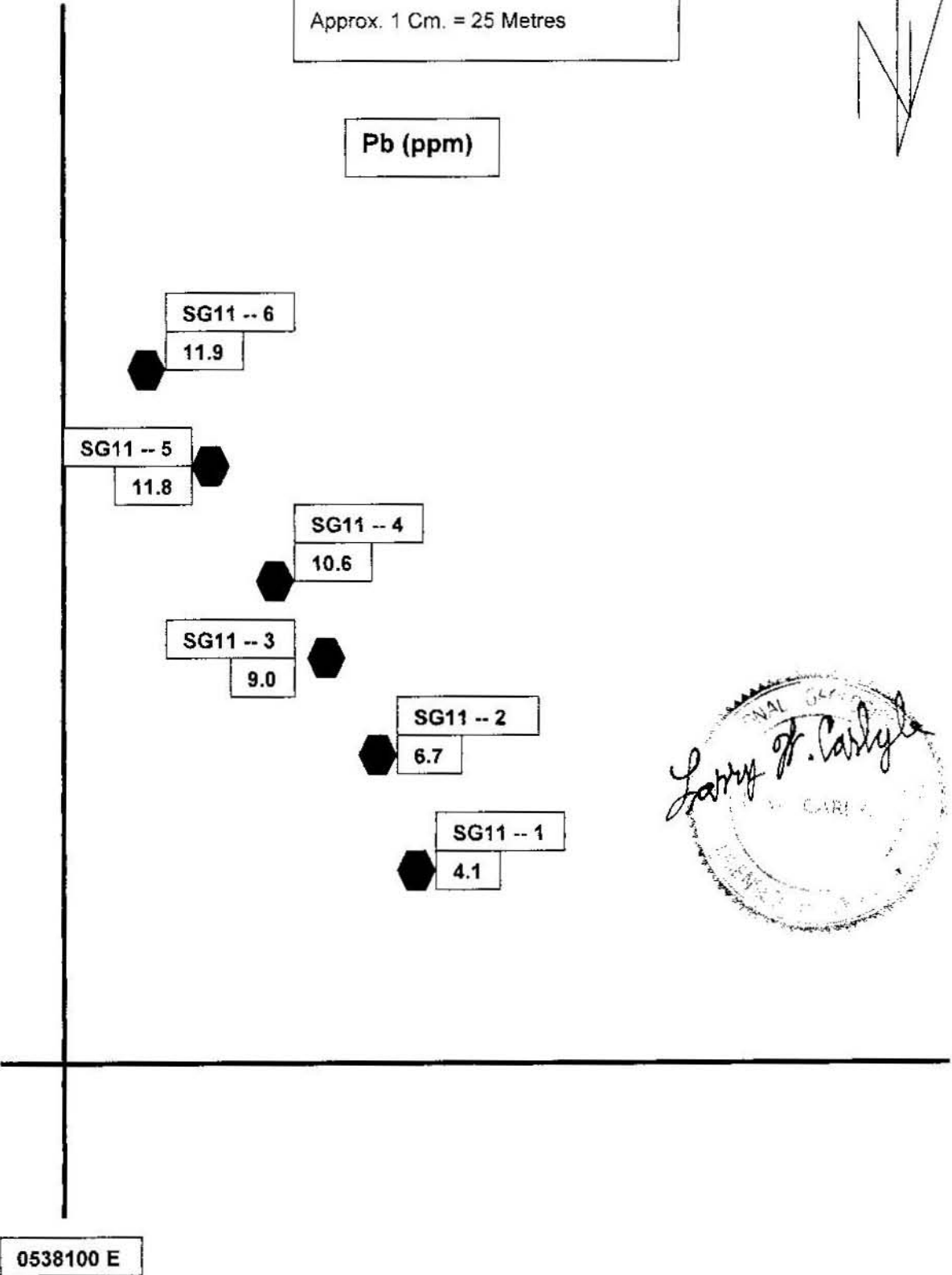
Larry W. Corlyle

Sheen's Gulch Soil Samples

Approx. 1 Cm. = 25 Metres

25

Pb (ppm)



0538100 E

6801300 N



Sheen's Gulch Soil Samples

Approx. 1 Cm. = 25 Metres

Cu (ppm)

25

SG11 -- 6

34.0

SG11 -- 5

28.8

SG11 -- 4

18.2

SG11 -- 3

24.8

SG11 -- 2

13.1

SG11 -- 1

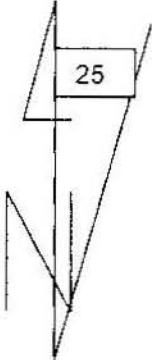
11.7

Larry W. Carlyle

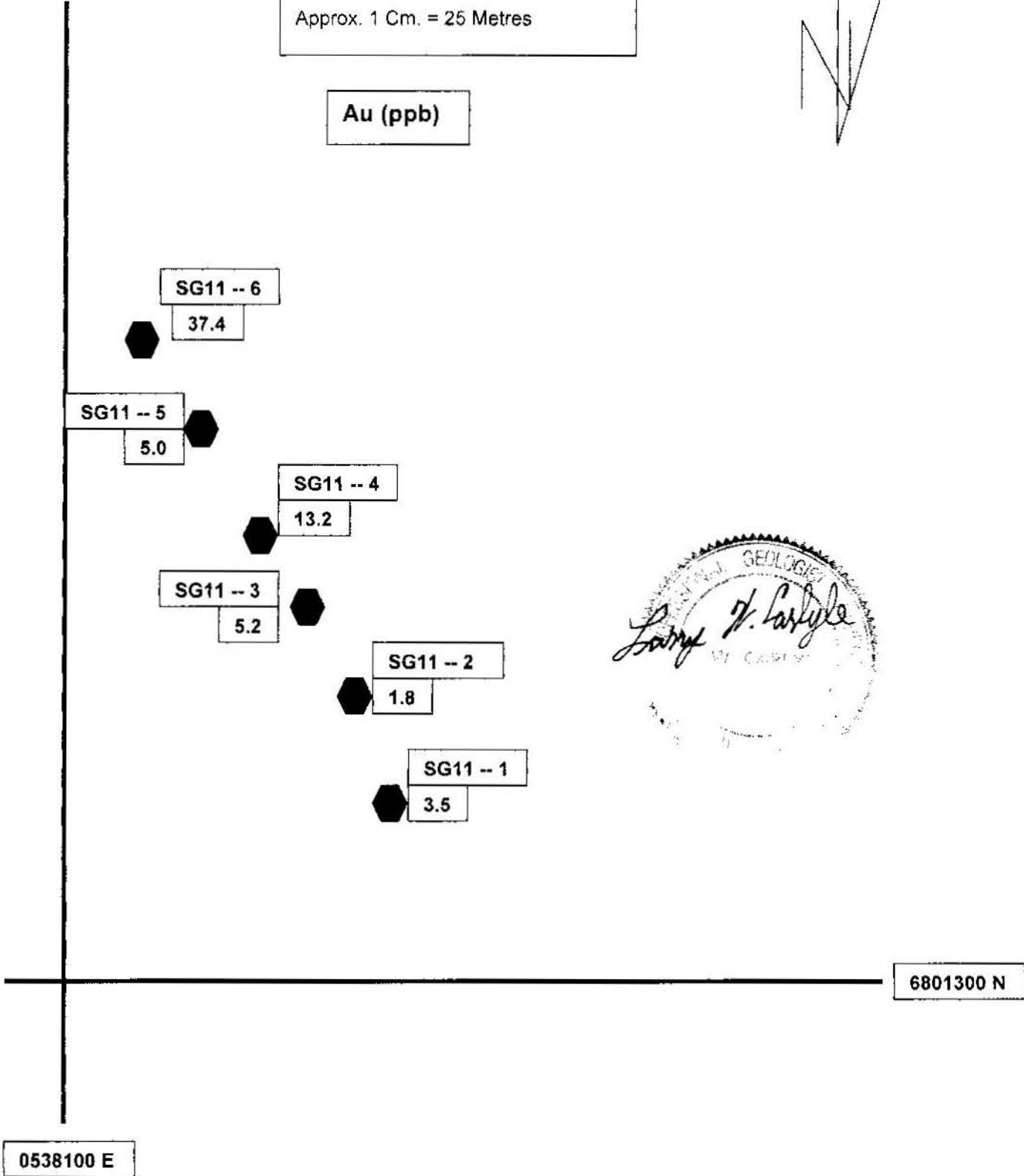
6801300 N

0538100 E

Sheen's Gulch Soil Samples
Approx. 1 Cm. = 25 Metres



Au (ppb)

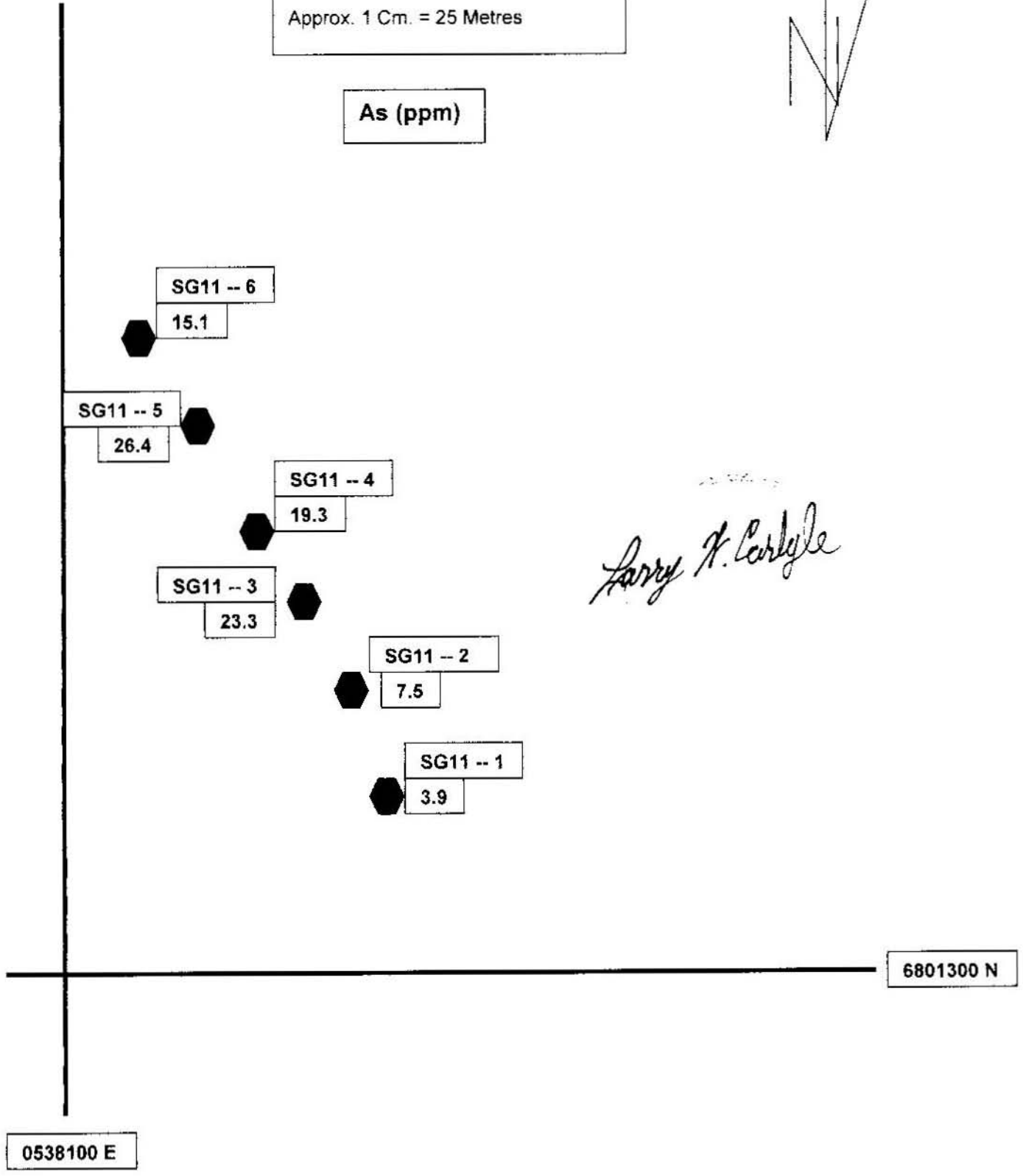


Sheen's Gulch Soil Samples

Approx. 1 Cm. = 25 Metres

As (ppm)

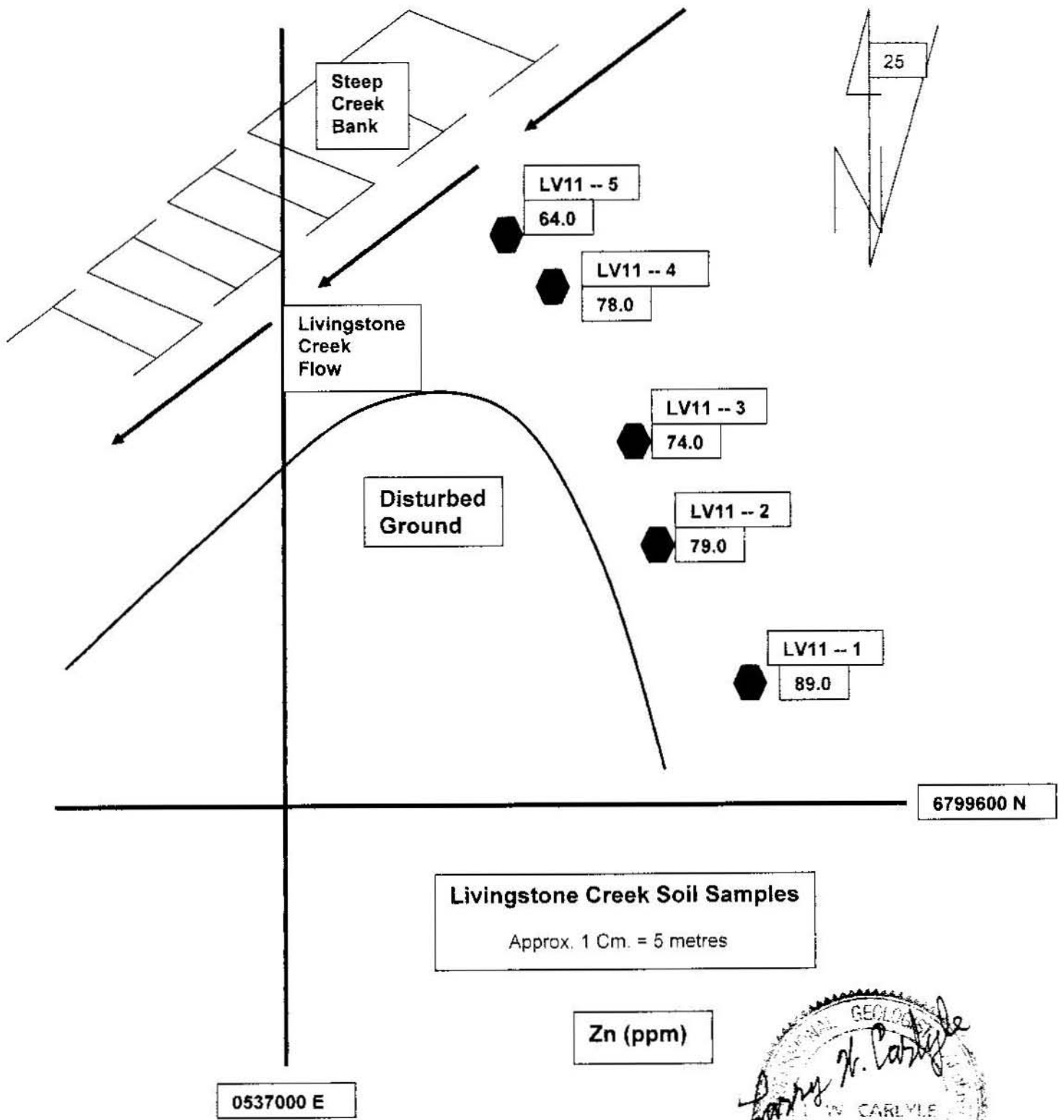
25

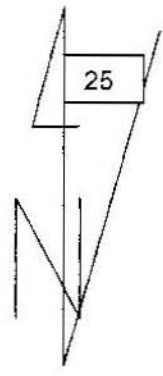
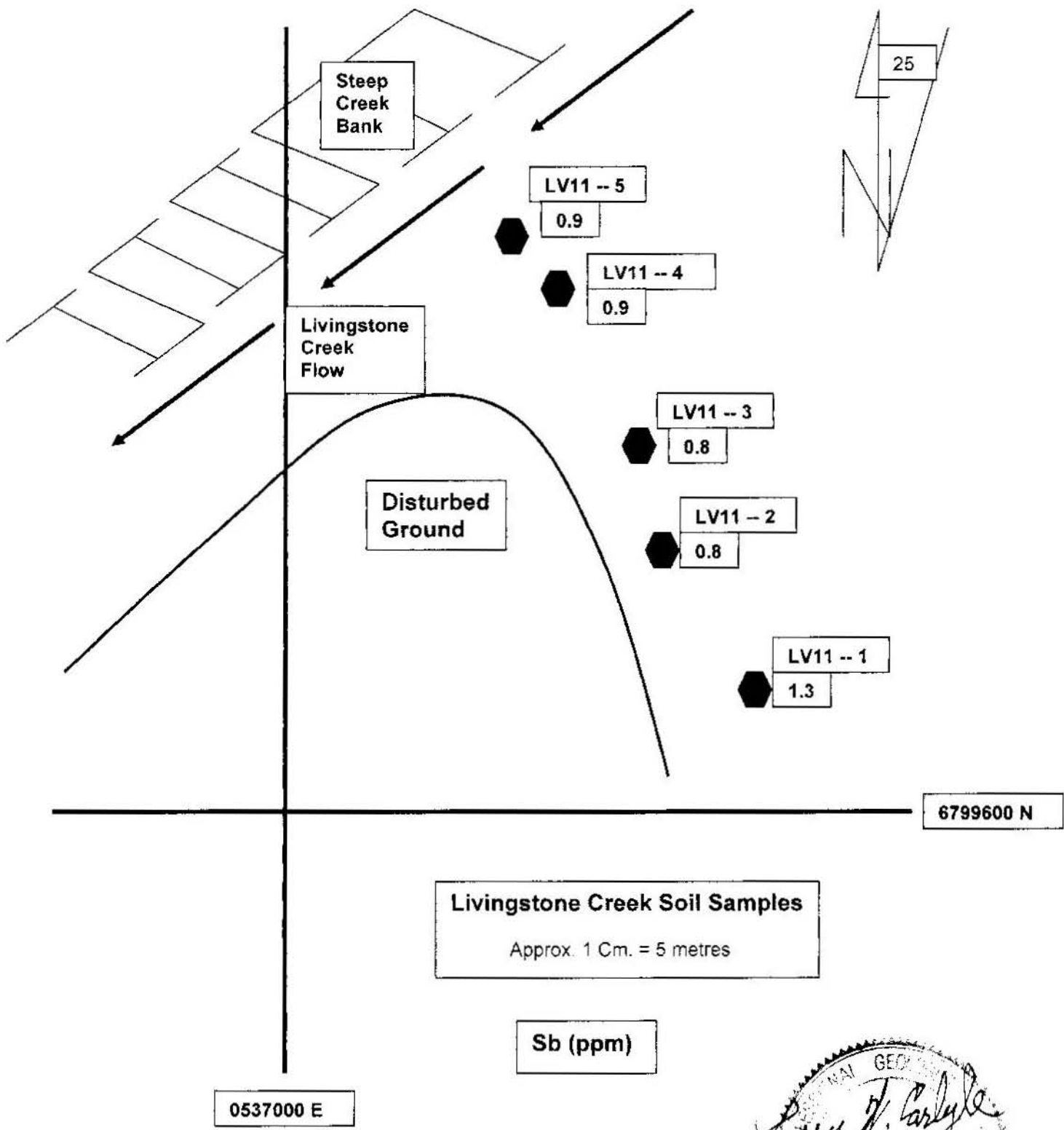


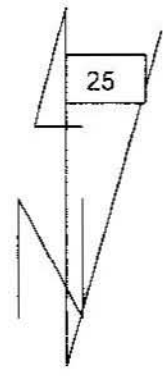
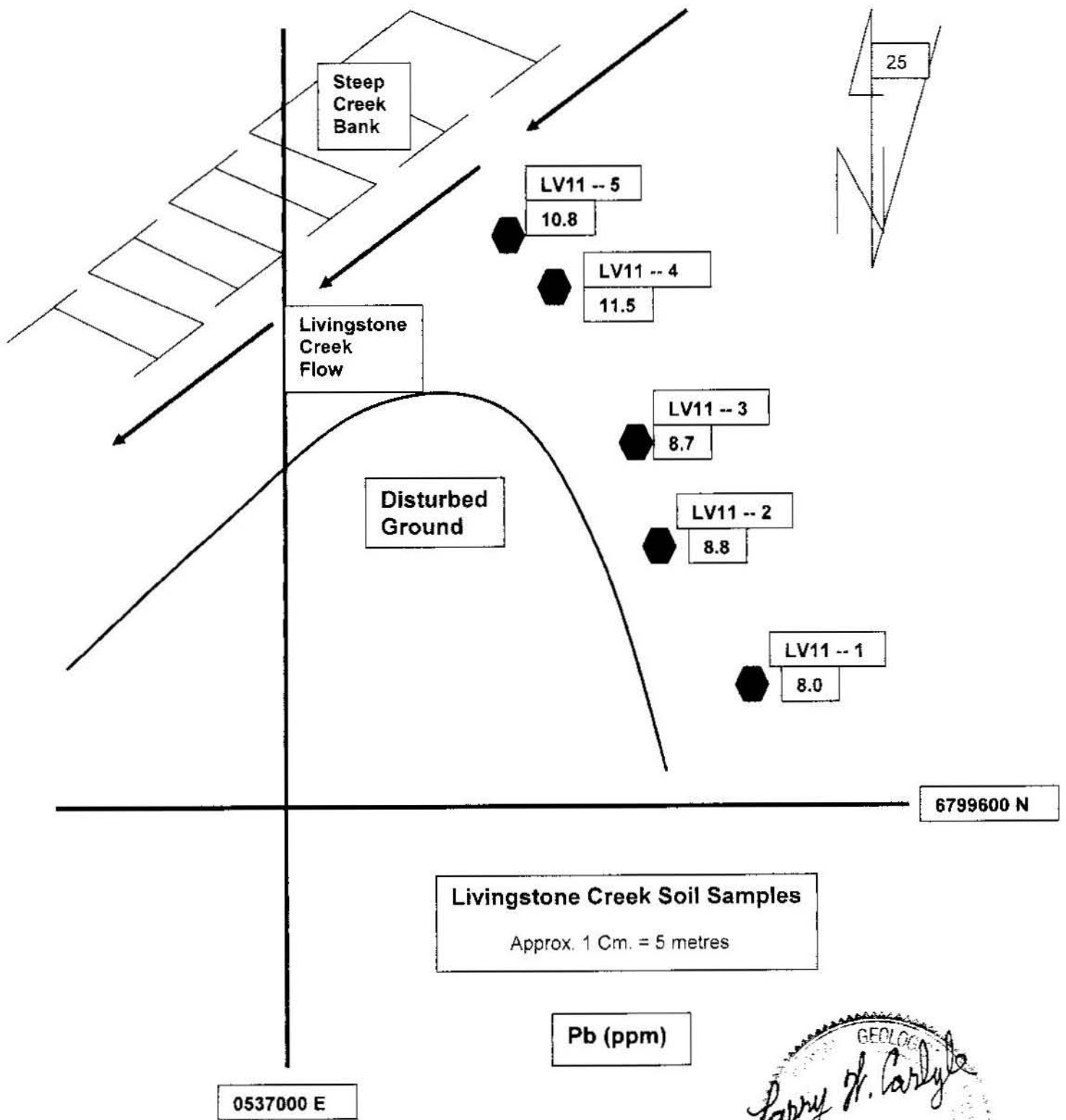
Larry K. Carlyle

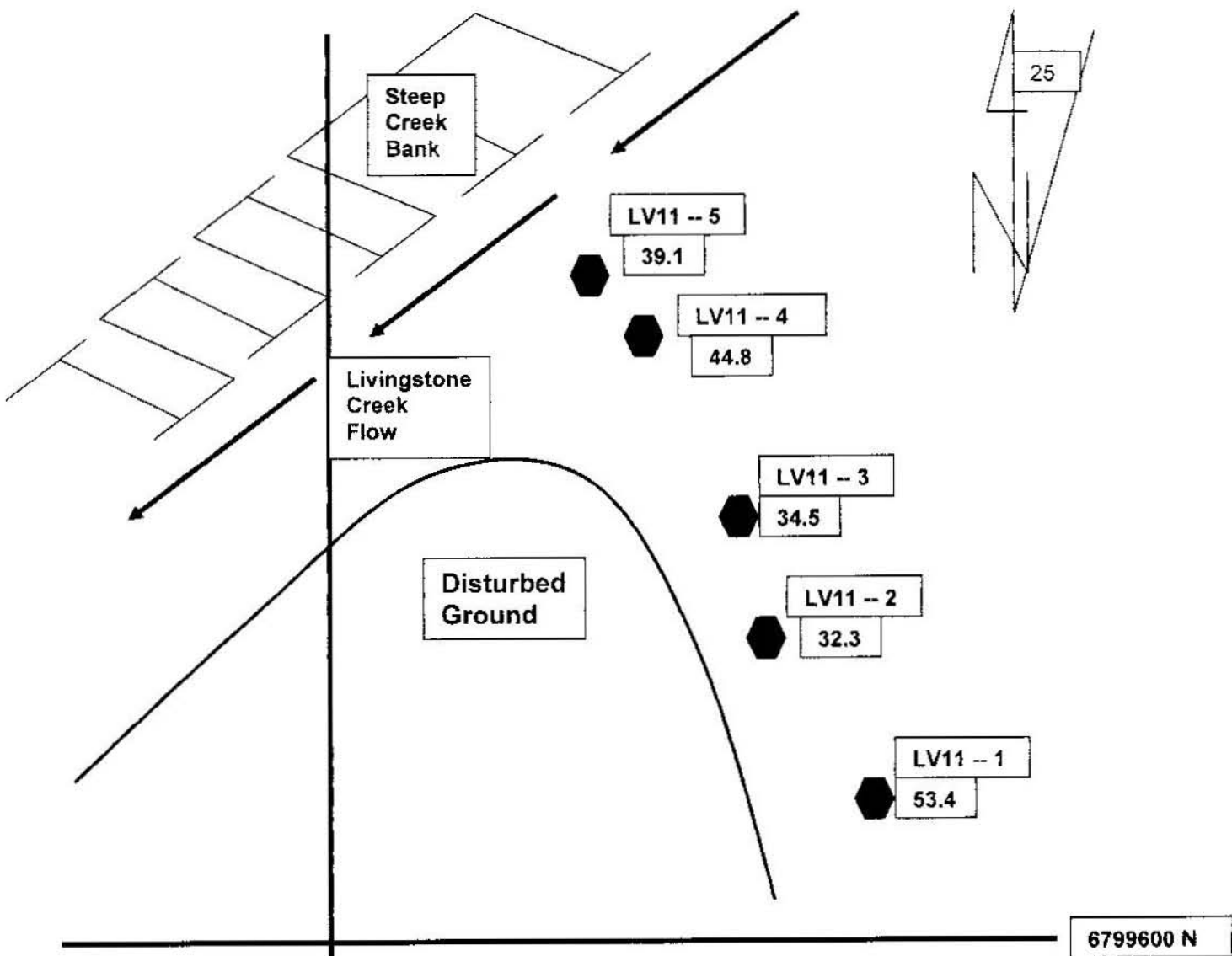
0538100 E

6801300 N





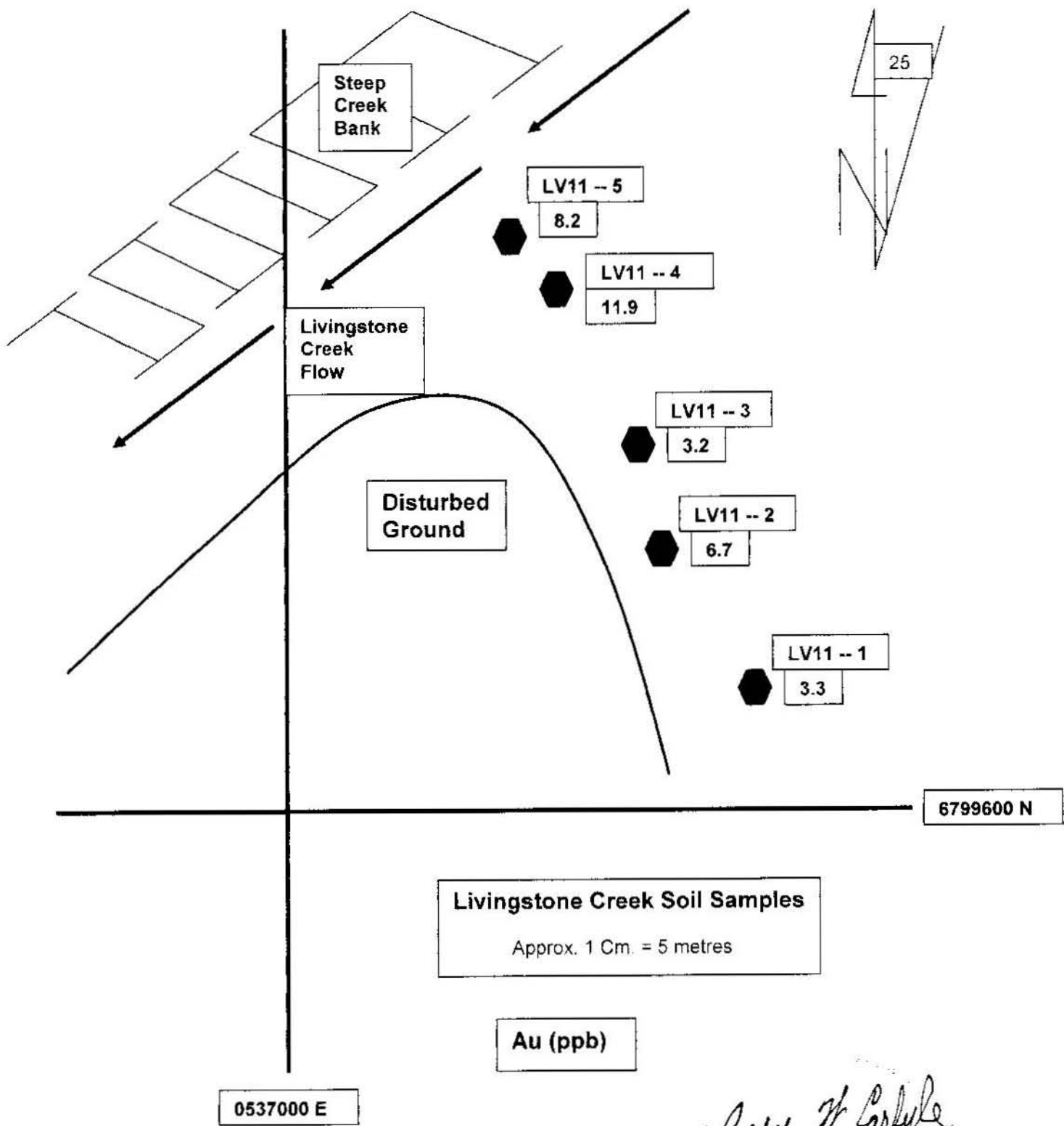




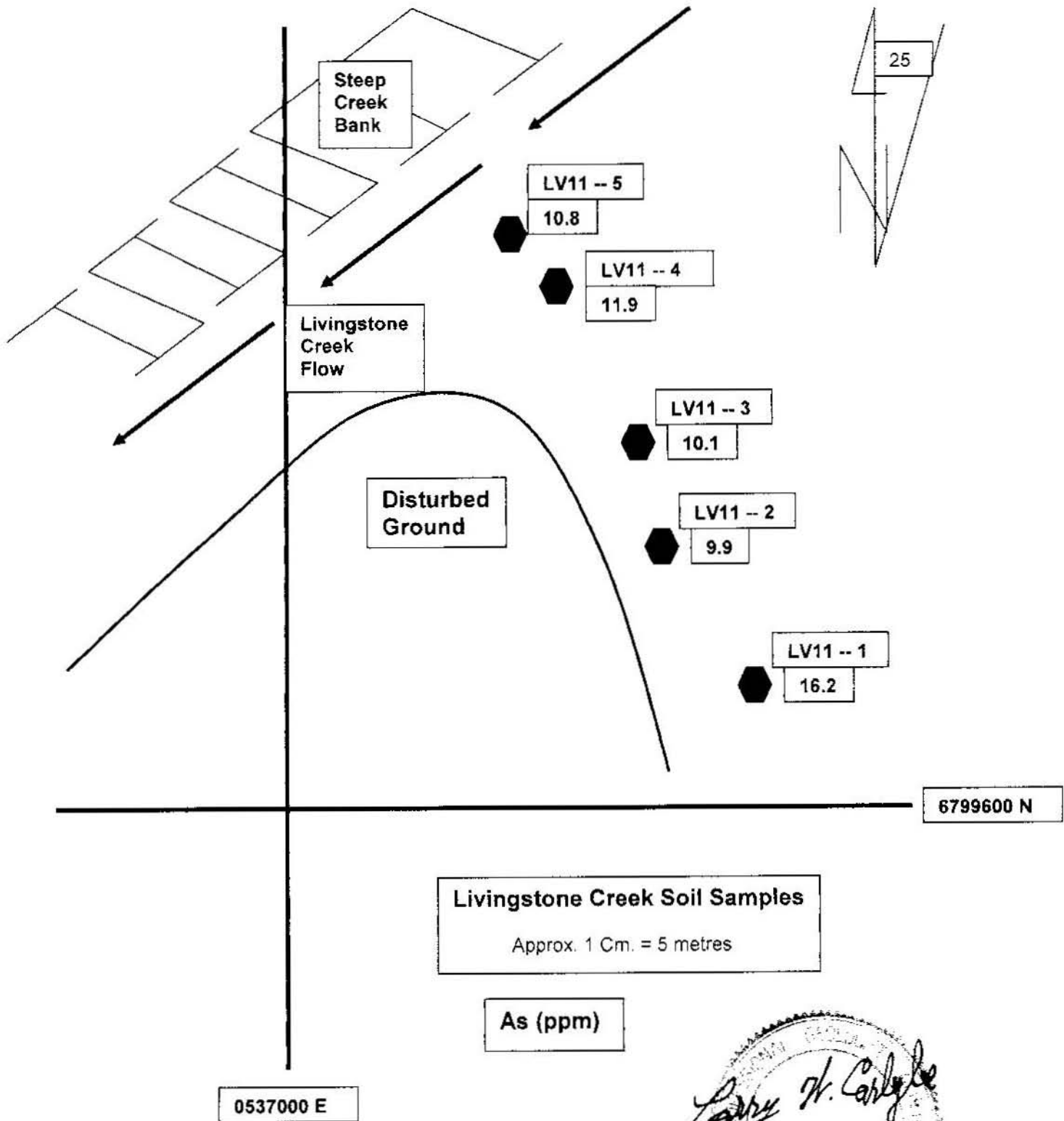
Livingstone Creek Soil Samples
 Approx. 1 Cm. = 5 metres

Cu (ppm)





Larry H. Carlyle



Larry W. Carlyle
 W. CARLYLE
 ... TO PRACTICE

Lake Creek Soil Samples

Approx. 1 Cm. = 10 Metres

Zn (ppm)

Lake Creek Road

Lake Creek Flow

25

LK11 -- 8

49.0

LK11 -- 7

57.0

LK11 -- 6

86.0

LK11 -- 5

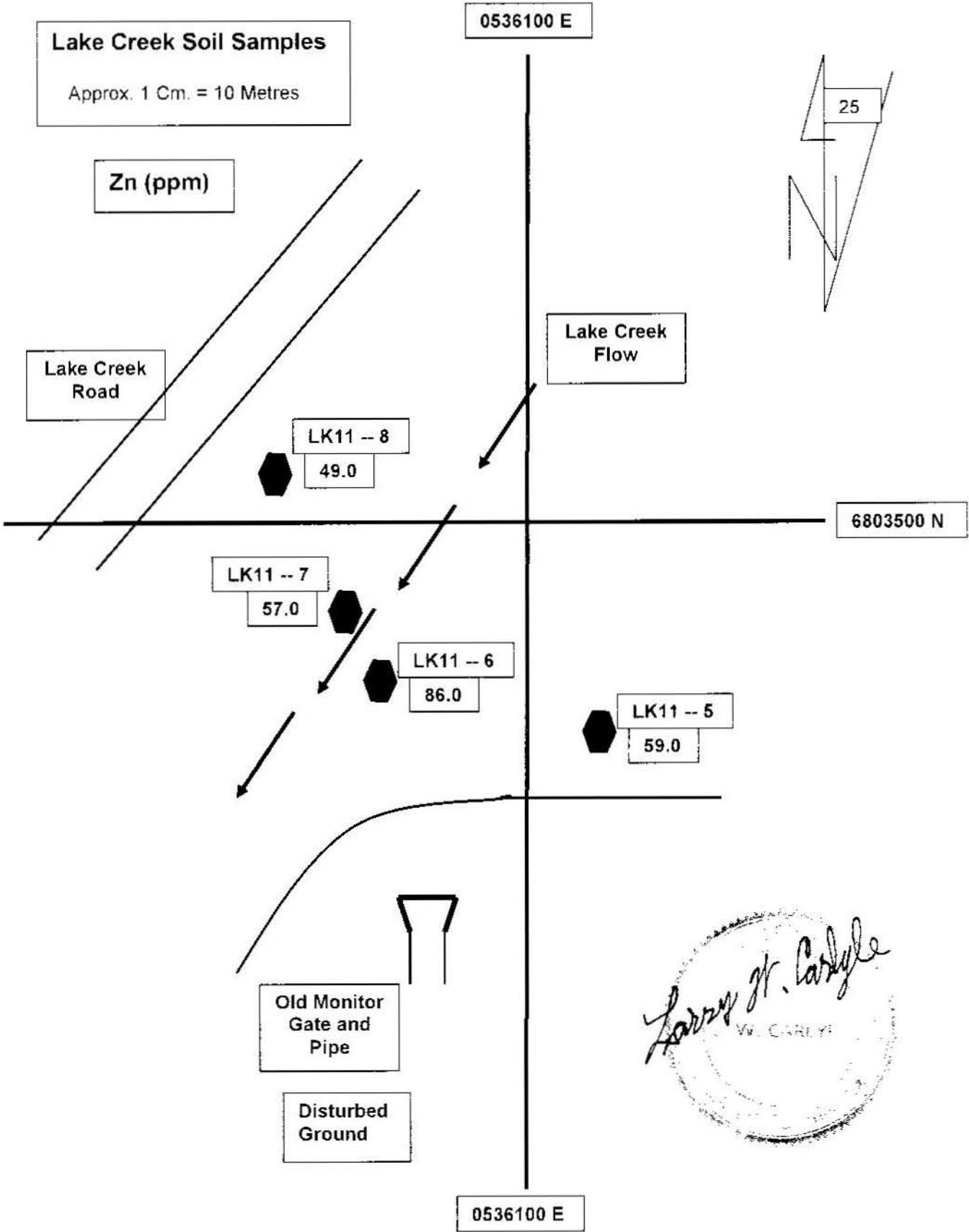
59.0

6803500 N

Old Monitor Gate and Pipe

Disturbed Ground

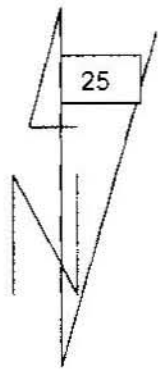
0536100 E



Lake Creek Soil Samples
Approx. 1 Cm. = 10 Metres

Sb (ppm)

0536100 E



Lake Creek Road

Lake Creek Flow

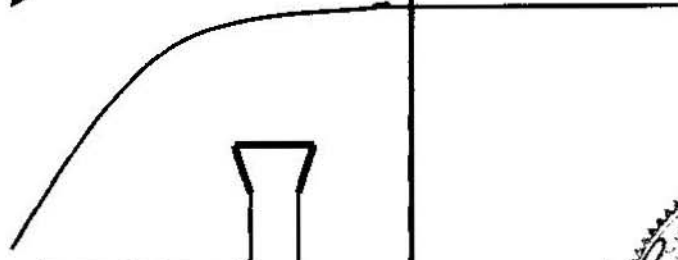
6803500 N

LK11 - 8
0.7

LK11 - 7
0.9

LK11 - 6
1.0

LK11 - 5
0.7



Old Monitor Gate and Pipe

Disturbed Ground

0536100 E



Lake Creek Soil Samples

Approx. 1 Cm. = 10 Metres

Pb (ppm)

Lake Creek Road

Lake Creek Flow

25

LK11 -- 8

6.6

LK11 -- 7

10.0

LK11 -- 6

12.1

LK11 -- 5

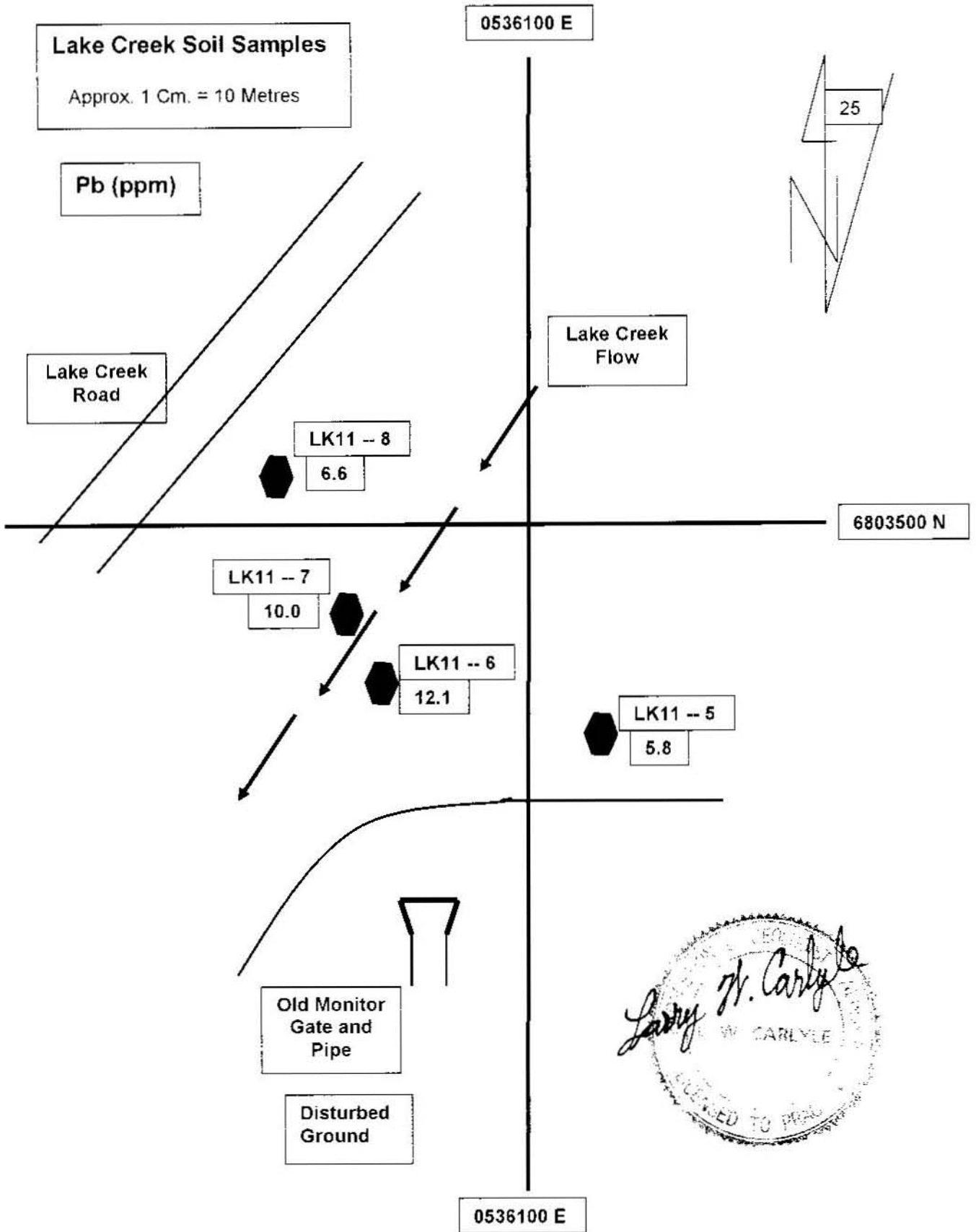
5.8

6803500 N

Old Monitor Gate and Pipe

Disturbed Ground

0536100 E

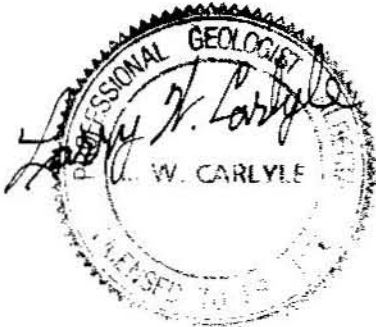
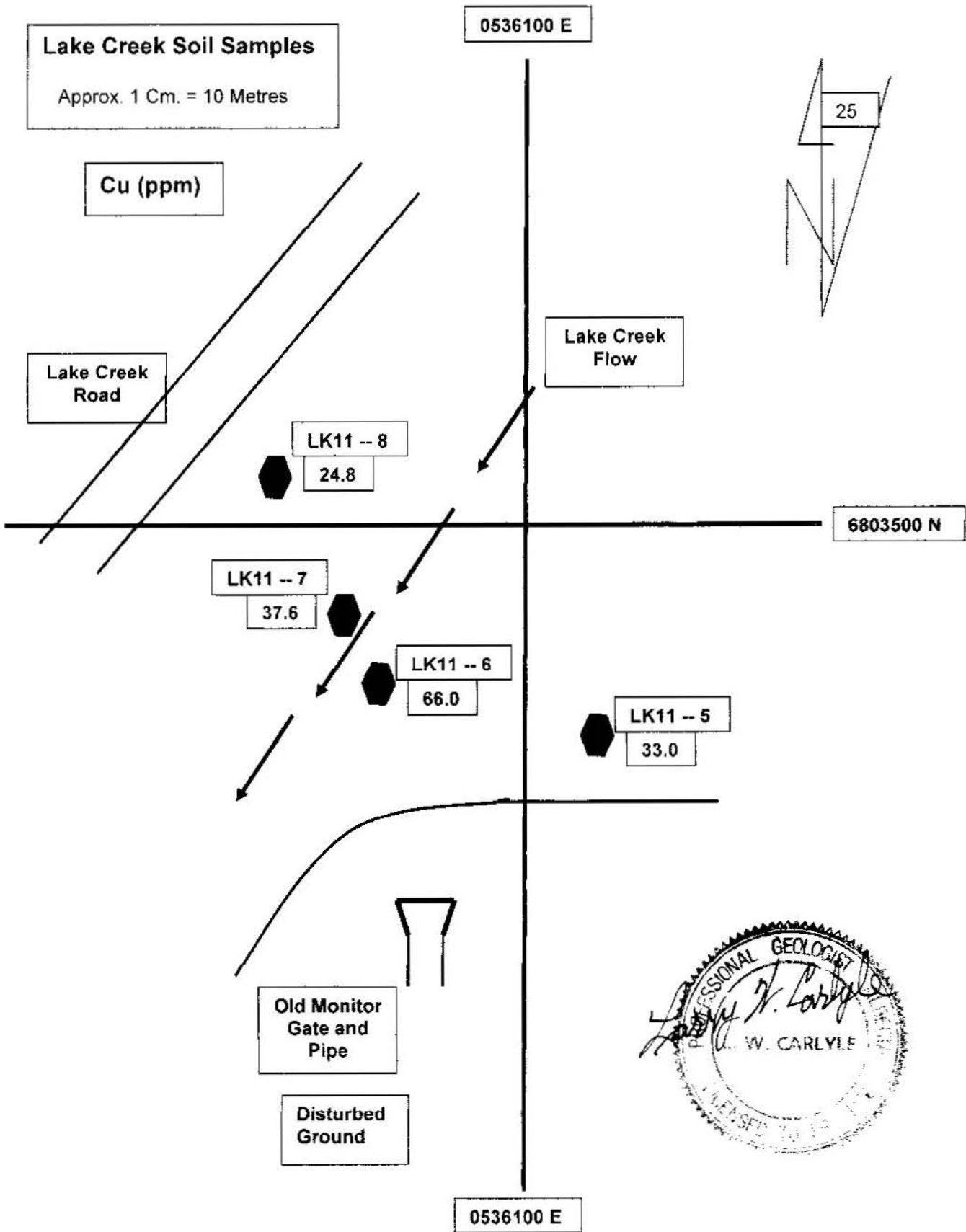
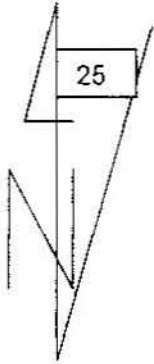


Lake Creek Soil Samples
Approx. 1 Cm. = 10 Metres

Cu (ppm)

Lake Creek Road

Lake Creek Flow



Lake Creek Soil Samples

Approx. 1 Cm. = 10 Metres

Au (ppb)

Lake Creek Road

Lake Creek Flow

25

LK11 -- 8

11.4

LK11 -- 7

11.7

LK11 -- 6

9.4

LK11 -- 5

6.1

6803500 N

0536100 E

0536100 E

Old Monitor Gate and Pipe

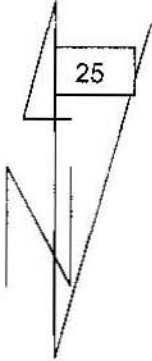
Disturbed Ground



Lake Creek Soil Samples
Approx. 1 Cm. = 10 Metres

As (ppm)

0536100 E



Lake Creek Road

Lake Creek Flow

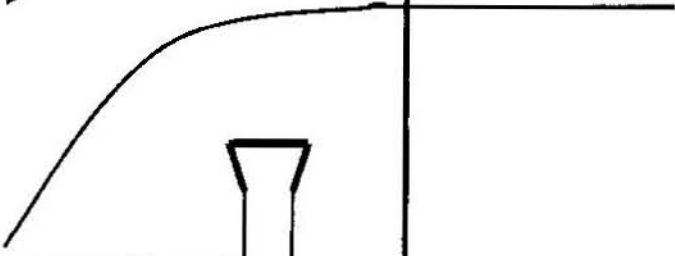
LK11 - 8
13.8

6803500 N

LK11 - 7
16.8

LK11 - 6
24.8

LK11 - 5
8.3



Old Monitor Gate and Pipe

Disturbed Ground

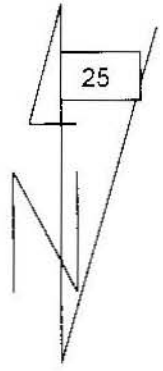
0536100 E



0535550 E

Old Lake Creek Campsite
"Notch" Samples (LK11)
Approx. 1 Cm. = 5 Metres

Zn (ppm)



Disturbed Ground

LK11 -- 1
37.0

LK11 -- 3
45.0

LK11 -- 2
21.0

Lake
Creek
Road

LK11 -- 4
44.0

6803600 N

Disturbed
Ground

Lake Creek
(Approx. 100 m.)

Former
Camp
Site

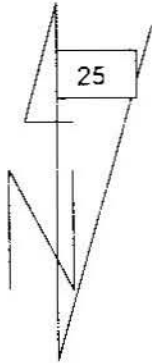
0535550 E

Larry M. Carhyle

0535550 E

Old Lake Creek Campsite
"Notch" Samples (LK11)
Approx. 1 Cm. = 5 Metres

Sb (ppm)



Disturbed Ground

LK11 -- 1
0.6

LK11 -- 3
0.7

LK11 -- 2
0.3

Lake Creek Road

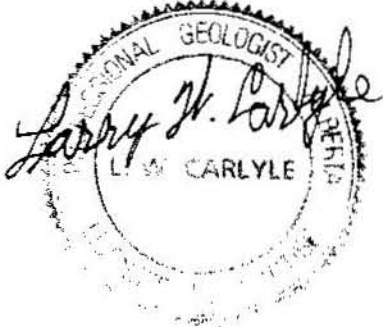
6803600 N

LK11 -- 4
0.7

Disturbed Ground

Lake Creek
(Approx. 100 m.)
↓

Former Camp Site

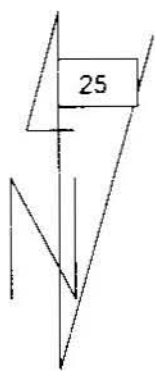


0535550 E

0535550 E

Old Lake Creek Campsite
"Notch" Samples (LK11)
Approx. 1 Cm. = 5 Metres

Pb (ppm)



Disturbed Ground

LK11 -- 1
9.1

LK11 -- 3
8.8

LK11 -- 2
4.4

Lake Creek Road

6803600 N

LK11 -- 4
8.0

Disturbed Ground

Lake Creek
(Approx. 100 m.)

Former Camp Site

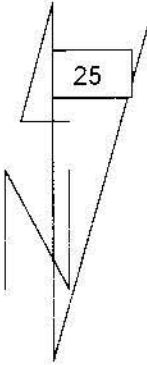
Larry W. Carlyle
GEOLOGICAL ENGINEER
STATE OF CALIFORNIA

0535550 E

0535550 E

Old Lake Creek Campsite
"Notch" Samples (LK11)
Approx. 1 Cm. = 5 Metres

Cu (ppm)



Disturbed Ground

LK11 -- 1
23.5

LK11 -- 3
33.3

LK11 -- 2
10.6

Lake
Creek
Road

LK11 -- 4
28.0

6803600 N

Disturbed
Ground

Lake Creek
(Approx. 100 m.)

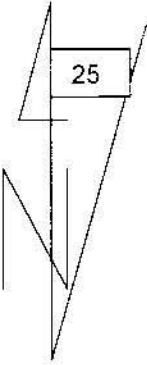
Former
Camp
Site

0535550 E



0535550 E

Old Lake Creek Campsite
"Notch" Samples (LK11)
Approx. 1 Cm. = 5 Metres



Au (ppb)

Disturbed Ground

LK11 -- 1
3.8

LK11 -- 3
6.9

LK11 -- 2
4.1

Lake Creek Road

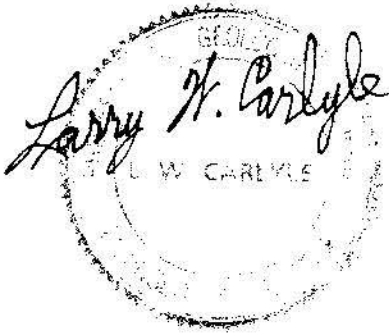
6803600 N

LK11 -- 4
7.9

Disturbed Ground

Lake Creek
(Approx. 100 m.)

Former Camp Site

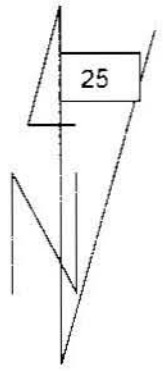


0535550 E

0535550 E

Old Lake Creek Campsite
"Notch" Samples (LK11)
Approx. 1 Cm. = 5 Metres

As (ppm)



Disturbed Ground

LK11 -- 1
9.7

LK11 -- 3
12.1

LK11 -- 2
3.8

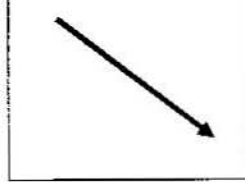
Lake Creek Road

6803600 N

LK11 -- 4
11.9

Disturbed Ground

Lake Creek
(Approx. 100 m.)



Former Camp Site



0535550 E

535000 E

537000 N

Part of NTS 105 E/8

CAM Claims

Scale: 1:50,000

2011 Work Areas & Inferred Faults

25

S

F

COTTONEVA

CREEK

RIVER

LIVINGSTONE

AIRFIELD

LK11 1-4

LK11 5-8

SC11 1-6

SG11 1-6

LIVINGSTONE
CREEK

Adit

LV11 1-5

LIVINGSTONE

6804000 N

6802000 N

6800000 N

P E L L Y



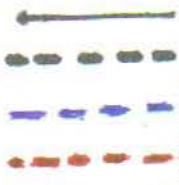
LEGEND

CAM Claims Outline

Colpron Inferred Faults

Lineations

Carlyle Inferred Faults



(T E A U)

MARTIN

CREEK

CREEK

F