

Ministry of Energy, Mines & Petroleum Resources  
Mining & Minerals Division  
BC Geological Survey


Assessment Report  
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical sampling and prospecting

TOTAL COST: \$9,068.36

AUTHOR(S): Bernie Kreft

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): No surface disturbance

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event Number 5472384

PROPERTY NAME: Laforce

CLAIM NAME(S) (on which the work was done): Laforce - 1016493; Laforce 1 - 1016498

COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: \_\_\_\_\_

MINING DIVISION: Omineca

NTS/BCGS: 094D099, 094E009

LATITUDE: 56 ° 59 ' \_\_\_\_\_ " LONGITUDE: 126 ° 22 ' \_\_\_\_\_ " (at centre of work)

OWNER(S):

1) Bernard Kreft

2) \_\_\_\_\_

MAILING ADDRESS:

1 Locust Place, Whitehorse Yukon, Y1A 5G9

OPERATOR(S) [who paid for the work]:

1) as above

2) \_\_\_\_\_

MAILING ADDRESS:

as above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Takla Group sediments, iron-carbonate alteration, quartz sericite alteration, pyritization, sheeted veins, gold, northwest trending fault structure, galena, sphalerite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 29926, 30845

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil 70 analyzed for gold by Au-AA23		1016493	\$9,068.36
Silt			
Rock 28 analyzed for gold by Au-AA23		1016493	
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST:</b>			<b>\$9,068.36</b>

**BC Geological Survey  
Assessment Report  
34343**

Assessment Report

**2013 Geochemical Sampling  
And  
Data Compilation Report  
On The  
Laforce Project  
Tenures Worked On: 1016493, 1016498**

Located In The Toodoggone Area  
Northern British Columbia  
Omineca Mining Division  
NTS: 094D16, 094E01  
BCGS: 094D099, 094E009  
Latitude 56° 59' North and Longitude 126° 22' West

By  
Bernie Kreft  
(owner, operator, author)

October 27<sup>th</sup>, 2013

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**Summary** – The Lافorce Project (“the Project”), consists of two MTO claims totaling 264ha, located in the Toodoggone area of northern British Columbia, approximately 22 kilometres east of the Kemess South Mine. A compilation of historical exploration data pertaining to the Project showed significant rock sampling results such as 17.7 g/T Au over 5.0 meters and 10.6 g/T over 2.0 meters from within a northwest trending and southeast dipping fault zone exhibiting variable amounts of quartz veining, quartz-sericite and iron-carbonate alteration cutting Takla group metasediments. A program of soil and rock sampling was conducted in an effort to verify historical results. Results of this program confirmed the presence of mineralization with results of up to 24.9 ppm Au from rock samples and up to 1.635 ppm Au from soil samples. Results to date are very encouraging and justify a significantly expanded exploration program.

**Location And Access** – The Project is located in the Toodoggone area of northern British Columbia about 8.0 km east of Fredrikson Lake and 22.0 km east of the South Kemess Mine. Nearby communities include Manson Creek and Mackenzie located 185 and 270 kilometres respectively to the southeast. The 2013 work area is located near the boundary between the 094D and 094E mapsheets centred at approximate coordinate's latitude 56° 59' north and longitude 126° 22' west.

Access is currently by helicopter from one of the many bases in the area. Year round bases are located at Fort St James (Yellowhead and Interior Helicopters) and Mackenzie (Pacific Western), while summer bases staffed by various operators are occasionally located at Manson Creek and the Kemess Mine (22 kilometres to the west).

The Kemess Mine Road, a well-constructed gravel road, passes within 20 kilometres of the west boundary of the Project claims. Although located in somewhat rugged terrain, road access from the Kemess Mine Road to the Project, via the Fredrikson Lake/Creek valley, could be easily constructed.

**Topography And Vegetation** – Topography is mountainous, with elevations on the property ranging from 1,450 m to 2,100 m. The majority of the area is above tree line, with alder, stunted spruce and buck brush occurring in valley bottoms or along the lower portions of south facing slopes.

The climate is typical for northern British Columbia, with long cold winters, relatively short summers and moderate amounts of precipitation falling year round. The area is generally snow-free from the middle of June to early October.

**Property Title** – The Project is comprised of 2 contiguous mineral claims staked using the BC Government's Mineral Titles Online (MTO) staking system. Bernard Kreft owns a 100% interest in and to these claims with no underlying royalties, option agreements or other encumbrances. Project claims are detailed in the following table:

Tenure	Claim Name	Owner	Type	Sub Type	Mapsheets	Issue Date	Good To	Status	Area (ha)
<u>1016493</u>	LAFORCE	<u>114661</u> 100%	Mineral	Claim	<u>094D</u>	2013/feb/01	2018/apr/04	GOOD	193.87
<u>1016498</u>	LAFORCE 1	<u>114661</u> 100%	Mineral	Claim	<u>094E</u>	2013/feb/01	2018/apr/04	GOOD	70.48

**Property Exploration History** – Mineral exploration and development within the area has been dominated by hardrock exploration for alkalic porphyry Cu-Au deposits highlighted by the Kemess South Mine and for epithermal gold targets such as the Shasta, Lawyers and Baker deposits.

At Kemess South, a major copper-gold reserve was defined in an early Jurassic quartz monzodiorite stock intrusive to Takla Group volcanics and sediments. Approximately 200.4 million tonnes grading 0.22 per cent copper and 0.63 gram per tonne gold and 0.008 per cent molybdenum were outlined, including significant amounts of supergene ore.

The Shasta, Lawyers and Baker deposit comprise a series of small (<1,000,000 tonnes) high-grade (5-15 g/t Au equivalent) epithermal gold-silver mineralized zones associated with quartz vein stockworks and chalcedonic breccia zones controlled by fracture systems related to graben margins within early Jurassic volcanic rocks.



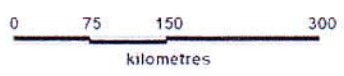


Property Location Map (Provincial)  
 To Accompany Laforce Claims Assessment Report

\* = Laforce Property Location

Date Drawn: October 13, 2013  
 Drawn By: Bernie Kref

Fig1









The first known work program in the immediate area of the Laforce Project was conducted by Orestone Mining Corp (“Orestone”) in the summer of 2007. That program resulted in the collection of 45 rock samples, 7 silt samples and 11 soil samples from throughout Orestone’s 9,800 hectare property. The highlight of this work was the discovery of a mineralized showing (“BB”), currently covered by the 2 Laforce Project tenures, consisting of quartz veins and stockworks mineralized with traces of pyrite, chalcopyrite galena and fine grained visible gold within weakly pyritized and variably quartz-sericite and iron-carbonate altered sediments. Several samples of this material returned anomalous gold values of up to 6.80 g/t Au. Full results of this program are detailed in assessment report 29926.

During the summer of 2008 Orestone conducted a follow-up program consisting of the collection of 99 soil samples and 64 rock samples designed to further delineate the BB showing. This work returned numerous anomalous values of up to 17.7 g/T Au over 5.0 meters and 10.6 g/T over 2.0 meters from the hanging-wall side of a quartz veined and stockworked pyrite-sericite-silica-carbonate altered fault zone 25-50 metres wide and approximately 1900 metres long. Full results of this program are detailed in assessment report 30845.

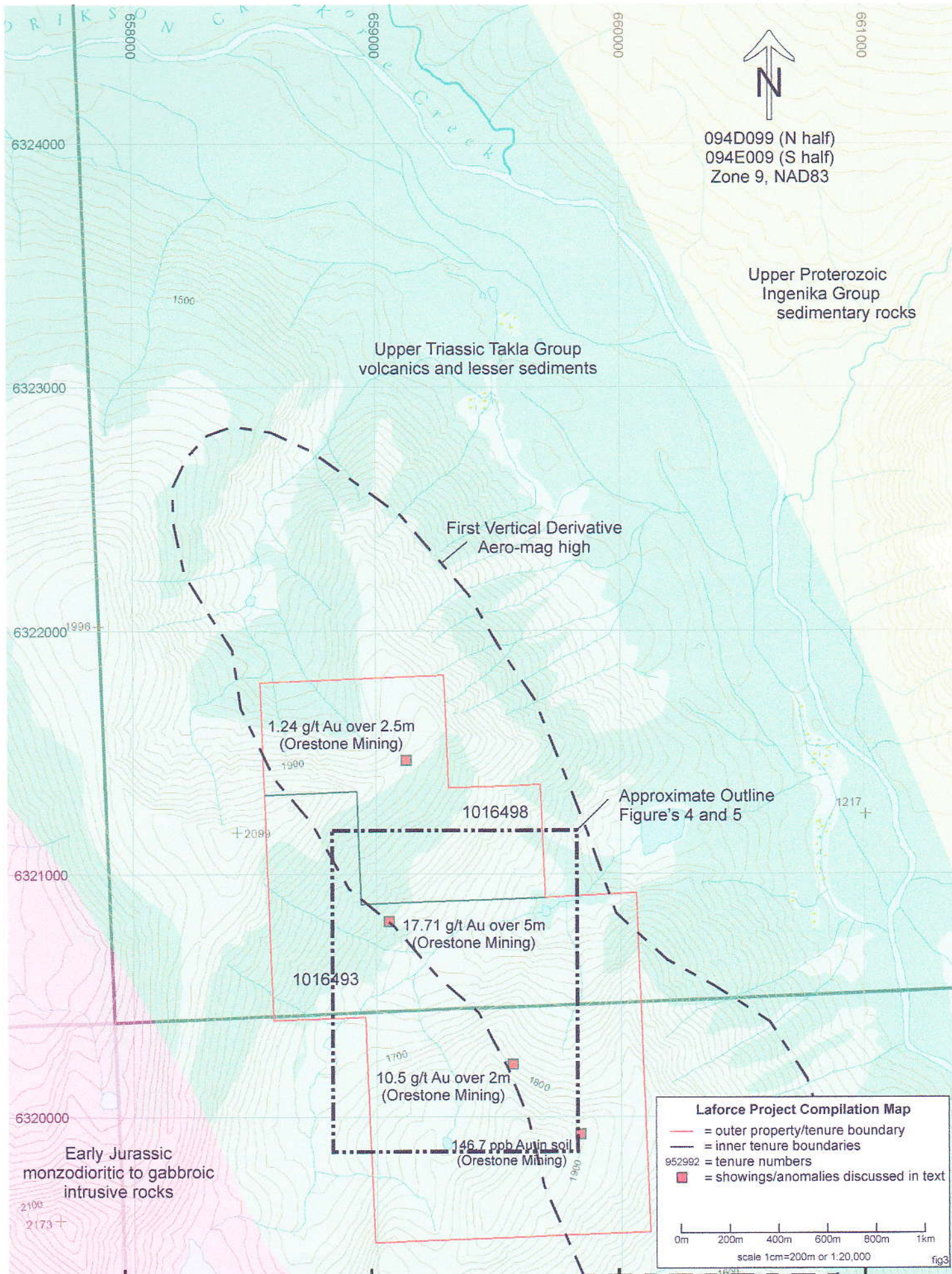
**Regional Geology** – The Project is situated along the eastern margin of the northern portion of the Quesnel Trough, a 30 to 60 km wide by 1,300+ km long depositional basin extending northwest from the southern B.C. border to the Stikine River in northern B.C. The boundaries of the trough are regional faults in some areas. The trough contains an assemblage of alkalic and calc-alkalic volcanic and sedimentary rocks of Upper Triassic to Lower Jurassic age (Rossland, Nicola, Takla, Stuhini Groups), which are intruded by variably sized granitic bodies ranging in age from Upper Triassic to Late Cretaceous. The Quesnel Trough has high potential for porphyry copper-gold deposits such as Kemess, Mt Polley and Mt Milligan, as well as for bulk-tonnage sediment hosted (orogenic) gold targets such as Frasersgold and Spanish Mountain.

Spanish Mountain is located near the eastern margin of the Quesnel Trough within Nicola Group metasediments. Mineralization consists of gold, commonly in its native form, pyrite and on average only traces of other sulphides. Significant tonnages of ore have been outlined within areas of quartz veined sediments exhibiting variable amounts of iron-carbonate and sericite alteration, both of which likely have a strong structural control. In March 2009, Skygold Ventures Ltd. released an updated resource estimate based on drilling from 2005 to 2008. They reported 102.3 million tonnes combined Measured and Indicated Resources grading 0.785 gram per tonne gold and 11.65 million tonnes Inferred Resources grading 0.787 gram per tonne gold, both based on a 0.50 gram per tonne gold cut-off grade (Press Release Stockwatch March 18, 2009).

**Property Geology** – Regional mapping places the Project claims along the eastern margin of the Quesnel Trough within a slice of Takla Group volcanics and minor sedimentary rocks bound on the west by an early Jurassic monzonite to quartz diorite batholith and on the east in fault contact with Upper Proterozoic sedimentary and metamorphic rocks. Given their numerous similarities the Takla Group is often considered a northern continuation of the Nicola Group.

Underlying the Project area is a mixed sequence of siltstone, phyllite and limestone as well as andesitic volcanics. Orestone workers noted the presence of felsite or heavily bleached siltstone in a few areas. The principal target on the property is a 25 to 100 metre wide northwest striking and southwest dipping fault zone they traced on surface for over 1900 metres. This fault zone contains numerous quartz veins or stockworks and exhibits variable amounts of iron-carbonate and quartz-sericite alteration along with lesser silicification. Mineralization consists of trace to 5% pyrite, along with limited amounts of





094D099 (N half)  
 094E009 (S half)  
 Zone 9, NAD83

Upper Proterozoic  
 Ingenika Group  
 sedimentary rocks

Upper Triassic Takla Group  
 volcanics and lesser sediments

First Vertical Derivative  
 Aero-mag high

1.24 g/t Au over 2.5m  
 (Orestone Mining)

1016498

Approximate Outline  
 Figure's 4 and 5

17.71 g/t Au over 5m  
 (Orestone Mining)

1016493

10.5 g/t Au over 2m  
 (Orestone Mining)

146.7 ppb Au in soil  
 (Orestone Mining)

Early Jurassic  
 monzodioritic to gabbroic  
 intrusive rocks

**Laforce Project Compilation Map**

- = outer property/tenure boundary
- = inner tenure boundaries
- 952992 = tenure numbers
- = showings/anomalies discussed in text

0m 200m 400m 600m 800m 1km  
 scale 1cm=200m or 1:20,000

fig3



galena, sphalerite and chalcopyrite and rare fine-grained visible gold. Orestone noted that the highest gold values are found along the hangingwall or southwest side of the structure, away from the more heavily altered core of the structure.

**Current Work and Results** – Work consisted of soil and rock sampling traverses designed to test the veracity of Orestone’s results, specifically the presence of high gold values within a sizeable northwest trending altered and mineralized fault zone. A total of 70 soil samples, averaging 0.63 kilograms in weight, were taken in 3 areas along 4 lines at variably spaced intervals, with sampled material consisting of C horizon soil or talus fines found on surface to 15 centimetres in depth. A total of 28 rock samples averaging 1.4 kilograms in weight were collected in the immediate vicinity of the soil sample lines. All samples had UTM location data collected via GPS as well as being marked in the field by flagging inscribed with the sample code. Preparation and analyses was completed by ALS Chemex in Vancouver who used Prep Code 31 for rocks and 41 for soils and analyzed all samples using their Au-AA23 (30g gold fire assay with AA finish) package. CJGreig and associates, based in Penticton BC, conducted the fieldwork portion of this program.

The northwestern 2013 work area was located in the immediate vicinity of Orestone’s sample that returned 17.71 g/t Au over 5.0 metres (BB Zone). Work consisted of the collection of 12 rock samples and 20 soil/talus fine samples. Rock samples returned up to 24.9 ppm Au, with higher gold values coinciding with areas of increased iron-carbonate and sericite alteration, sheeted to stockwork centimetre scale quartz veining and increased sulphide content consisting of up to 5% pyrite with minor galena, sphalerite and chalcopyrite within quartz veins and to a lesser extent the altered wallrock. Anomalous gold-in-rock values have been found over an approximate 100 metre width in this area, with the highest values found along the southwest edge of the area sampled. Soil/talus fine sampling consisted of a single line of variably spaced samples (12.5m to 50m) located approximately 50 metres to 75 metres downhill from the area of gold anomalous rock samples. Results show that a 130 metre long stretch of the line, coinciding with the presumed strike of the altered and mineralized fault zone, is weakly to highly anomalous in gold with results ranging from 0.043 ppm Au to 0.145 ppm Au with a high value of 0.877 ppm Au located at the southwest end of the anomalous stretch.

The central 2013 work area was located approximately half way between Orestone’s sample that returned 17.71 g/t Au over 5.0 metres (BB Zone) and a second Orestone sample that returned 10.5 g/t Au over 2.0 metres. Work consisted of the collection of 2 rock samples and 10 soil/talus fine samples. Rock samples were not anomalous. Soil/talus fine sampling consisted of a single line of variably spaced samples (12.5m to 20m) located at the base of a slope where the target fault zone disappeared under cover. Results show that a 117.5 metre long stretch of the line, coinciding with the presumed location of the altered and mineralized zone, is weakly to highly anomalous in gold with results ranging from 0.068 ppm Au to 0.430 ppm Au, with the highest gold value located near the west end of the anomalous stretch.

The southeastern 2013 work area was located in the immediate vicinity of Orestone’s sample that returned 10.5 g/t Au over 2.0 metres. Work consisted of the collection of 14 rock samples and 40 soil/talus fine samples. Rock samples returned up to 1.23 ppm Au, with higher gold values coinciding with areas of increased iron-carbonate and sericite alteration, sheeted to stockwork centimetre scale quartz veining and increased sulphide content consisting of up to 2% pyrite and trace amounts of galena within both quartz veins and altered wallrock. Soil/talus fine sampling consisted of two lines of variably spaced samples (12.5m to 20m) designed to crosscut the fault zone 50 metres and 100 metres northwest of the location of the Orestone sample that returned 10.5 g/t Au over 2.0 metres. Numerous highly anomalous gold values of up to 1.635 ppm Au in soil/talus fines were found coincident with the strike of the altered





Zone 9, NAD 83  
South Part: 94E009  
North Part: 94D099

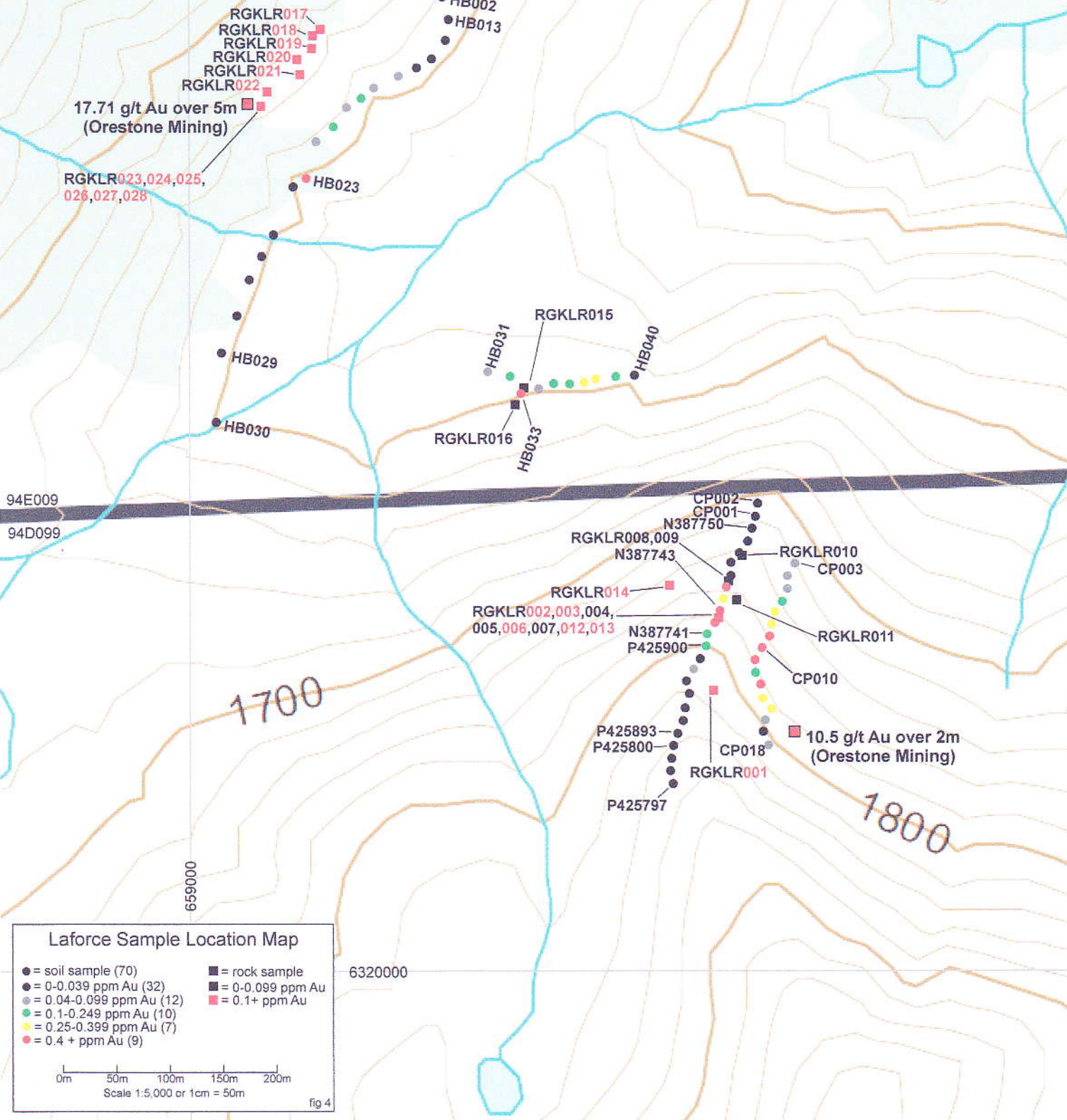
6321000

94E009

94D099

659000

6320000



**Laforce Sample Location Map**

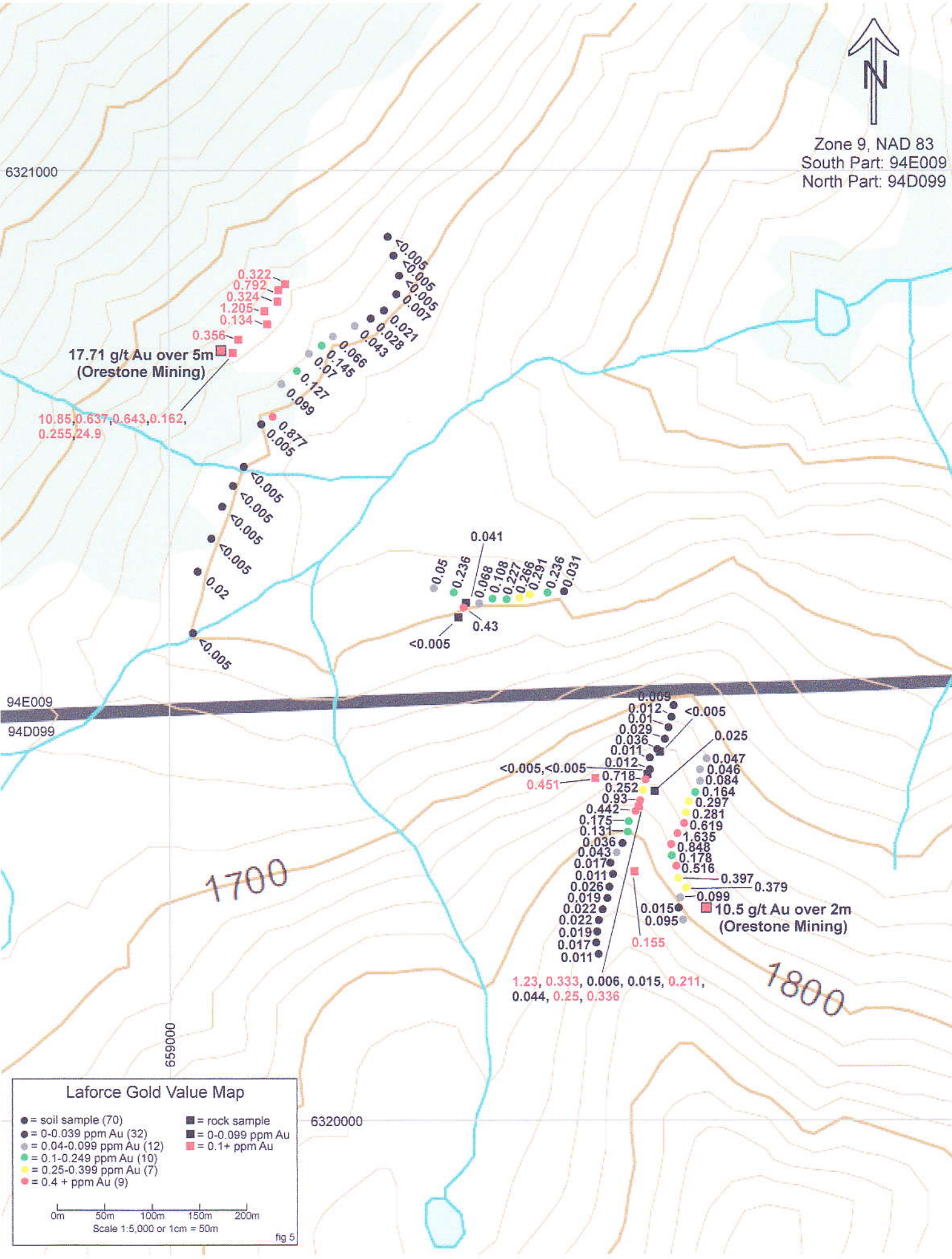
● = soil sample (70)	■ = rock sample
● = 0-0.039 ppm Au (32)	■ = 0-0.099 ppm Au
● = 0.04-0.099 ppm Au (12)	■ = 0.1+ ppm Au
● = 0.1-0.249 ppm Au (10)	
● = 0.25-0.399 ppm Au (7)	
● = 0.4+ ppm Au (9)	

0m 50m 100m 150m 200m  
Scale 1:5,000 or 1cm = 50m

fig 4



Zone 9, NAD 83  
South Part: 94E009  
North Part: 94D099



6321000

94E009

94D099

659000

6320000

1700

1800

17.71 g/t Au over 5m  
(Orestone Mining)

10.85, 0.637, 0.643, 0.162,  
0.255, 24.9

0.322  
0.792  
0.324  
1.205  
0.134

0.356

0.066  
0.145  
0.07  
0.127  
0.099

0.877  
0.005

<0.005  
<0.005  
<0.005  
<0.005  
0.02

0.041  
0.05  
0.236  
0.068  
0.108  
0.227  
0.266  
0.291  
0.236  
0.031

0.43  
<0.005

0.005  
0.012  
0.01  
0.029  
0.036  
0.011  
0.012

<0.005, <0.005  
0.451

0.718  
0.252  
0.93  
0.442

0.025  
0.047  
0.046  
0.084  
0.164  
0.297  
0.281  
0.619  
1.635  
0.848  
0.178  
0.516  
0.397  
0.379  
0.099

10.5 g/t Au over 2m  
(Orestone Mining)

1.23, 0.333, 0.006, 0.015, 0.211,  
0.044, 0.25, 0.336

0.015  
0.095  
0.155

### Laforce Gold Value Map

- = soil sample (70)
- = rock sample
- = 0-0.039 ppm Au (32)
- = 0-0.099 ppm Au
- = 0.04-0.099 ppm Au (12)
- = 0.1+ ppm Au
- = 0.1-0.249 ppm Au (10)
- = 0.25-0.399 ppm Au (7)
- = 0.4+ ppm Au (9)

0m 50m 100m 150m 200m  
Scale 1:5,000 or 1cm = 50m

fig 5



and mineralized zone. Potential zone width, based on the lateral extent of anomalous gold in soil/talus fines from this area, ranges from 70 to 110 metres.

Many of the soil/talus fine samples returned high enough gold grades (+ 0.400 ppm Au) to suggest the potential for significant nearby in-situ auriferous mineralization. Consequently the oversize from the 8 highest grade samples was returned to the author, washed, with the clean fragments described (as best as possible due to the small sample size) according to lithology, alteration and mineralization. Material at the anomalous sample sites consisted of grey to green phyllite and possibly lesser amounts of very fine grained clastic volcanic rock, all exhibiting variable amounts of iron-carbonate and quartz-sericite alteration as well as being weakly pyritized. No sulphides other than minor amounts of pyrite were noted. Of possible significance is a potential connect between increased gold grades and increased amounts of quartz-sericite alteration, based on the 2 highest grade soil/talus fine samples exhibiting the most quartz-sericite alteration.

**Conclusions** – Results of the 2013 sampling program confirm Orestone's view that a significant sediment hosted auriferous zone exists within the target area. The zone consists of a northwest trending southwest dipping up to 110 metre wide iron-carbonate and quartz-sericite altered weakly pyritized fault zone cut by sheeted to stockwork quartz veins mineralized with pyrite and occasionally with minor amounts of galena, sphalerite and chalcopyrite. Increased gold grades appear to be associated with areas of increased sulphide content ranging up to 5% sulphides in selected areas and possibly associate with increased amounts of quartz-sericite alteration. Although current work only broadly tested an 850 metre length of this fault zone, Orestone suggested a strike length of 1900 metres or more. The geology, geochemistry, mineralization and alteration styles suggest potential for a bulk tonnage sediment hosted gold target similar to Spanish Mountain in the Quesnel area.

**Recommendations** – More work is recommended. The initial phase should consist of hand trenching and detailed channel sampling in an effort to define potential gold grades across much the width of the fault zone in several areas. Should results of the channel sampling indicate potential for a significant gold target, diamond drilling should be conducted, with hole spotting either based strictly on geochemistry or perhaps in conjunction with the results of a short IP survey.



**Statement Of Qualifications**

I, Bernie Kreft, directed the exploration work described herein.


I have over 25 years prospecting experience in the Yukon and British Columbia.

This report is based on fieldwork directed by the author and conducted by CJGreig and Associates, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed during the 2013 field season.

This report is based on fieldwork completed in the Fredrikson Creek area.

Respectfully Submitted,

  
Bernie Kreft

**Statement Of Costs**

CJGreig and Associates Inc. (field crew, helicopter, travel etc)	\$4,052.35
ALS Minerals (Au-AA23 on 98 samples)	\$2,084.18
Report Preparation (Bernie Kreft)	<u>\$2,500.00</u>
Total =	\$8,636.53
5% management fee	<u>\$431.83</u>
Grand Total =	\$9,068.36

Invoices and receipts to support this statement of costs are held on file at my office. If you require copies of this data please contact the author.

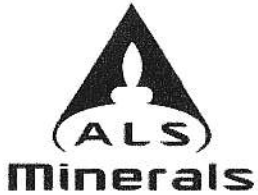
Station	UTME	UTMN	Weight-kg	Au-ppm	Au-Grav	Elevation	Comment
RGKLR001	659490	6320262	1.92	0.155		1804	FLOAT - 5cm wide, RW, qz-Fe-carb vn w/ 1% py in phyllitic wrock
RGKLR002	659493	6320327	0.98	1.23		1776	FLOAT - 5cm QV w/ 1% py
RGKLR003	659477	6320328	1.02	0.333		1786	GRAB - 6cm qz-carb vn in foltd, wkly Fe-carb alt rock; vn contains trace py
RGKLR004	659481	6320328	1.66	0.006		1777	GRAB - mod RW, mod Fe-carb alt, green foltd rock w/ mm-hairline qz + carb vnlets
RGKLR005	659493	6320329	0.8	0.015		1778	GRAB - hairline-mm scale foltn-parallel Qvnlets in wkly RW + Fe-carb alt rock; trace py
RGKLR006	659497	6320335	1.88	0.211		1781	GRAB - mod Fe-carb alt + loc silic rock cut by mm scale QVs, w/ 2% py tr galena
RGKLR007	659496	6320337	1.22	0.044		1776	GRAB - 3 cm qz-Fe-carb vn w/ 1% py on margins + carb alt wrock cut by foltn-parallel qz vnlets w/ trace py
RGKLR008	659504	6320365	1.22	<0.005		1761	GRAB - 1st cut by qz vnlets, rare black flecks, + v.local vuggy areas; most Fe-carb altn occurs above this unit
RGKLR009	659507	6320363	2.5	<0.005		1761	GRAB - same 1st cut by 3cm qz-carb vn - looks pretty dead
RGKLR010	659517	6320392	1.84	<0.005		1745	GRAB - green + black, wkly RW rock cut by mm-scale qz vnlets w/ trace diss py
RGKLR011	659511	6320347	1.32	0.025		1760	GRAB - just above 1st contact; Fe-carb alt rock cut by mm-scale qz vnlets w/ 1% diss py
RGKLR012	659506	6320325	1.74	0.25		1767	GRAB - limey, foltd, Fe-carb alt rock cut by mm-5cm qz vns w/ 1% py
RGKLR013	659476	6320335	2.18	0.336		1766	GRAB - 10cm qz vn w/ 2% py in mod Fe-carb alt sheared wrock
RGKLR014	659449	6320361	1.3	0.451		1750	GRAB - 25cm, yellow wthrng, vn/slcfd zone w/ 2% diss py [photo]
RGKLR015	659313	6320538	2.12	0.041		1603	GRAB - 15cm wide qz-carb vn in 1st w/ <1% py tr pb; orient 70(dip)/240(dip direction)
RGKLR016	659305	6320530	1.26	<0.005		1607	GRAB - limey, thin bedded rock cut by mm-cm scale qz vns, trace diss pyj
RGKLR017	659123	6320881	1.6	0.322		1653	GRAB - 5-12cm wide qz-Fe-carb vn w/ 2% diss py, steep, NNW-SSE striking, wrock wkly Fe-carb alt
RGKLR018	659116	6320875	2.12	0.792		1645	FLOAT - at least 20cm wide qz-Fe-carb vn w/ 2% diss py + phyllitic wrock w/ up to 5% diss py
RGKLR019	659115	6320863	1.14	0.324		1643	GRAB - from 1m wide QV stkwrk/silic zone, 1% diss py [photo]; oriented 77/240
RGKLR020	659102	6320853	1.14	1.205		1647	GRAB - 2mwide cg fs phyric felsic dyke cut by cm-scale qz vns w/ ~5% py; diss in dyke is 1% fg py
RGKLR021	659104	6320839	0.9	0.134		1638	GRAB - phyllitic rock, wkly Fe-carb alt, cut by mm-cm scale QVs, w/ 1% diss py
RGKLR022	659074	6320823	1.08	0.356		1653	GRAB - 1-2% py diss in 5cm wide QV + Fe-carb alt + slcfd wrock; wider part QV is dead looking
RGKLR023	659068	6320809	1.3	>10.0	10.85	1659	GRAB - 7cm qz-Fe-carb vn w 3% py, pb, zn, cpy; vn orient 79/220 in foltd wkly fe-carb alt wrock
RGKLR024	659064	6320818	0.64	0.637		1656	GRAB - 10cm qz vn loc RW, boudinaged vn
RGKLR025	659059	6320819	0.44	0.643		1665	GRAB - 4cm qz-Fe-carb vn in foltd, wkly Fe-carb alt wrock, vn contains 2% py in vnlets + blebs
RGKLR026	659056	6320816	1.06	0.162		1658	GRAB - 6cm qz-Fe-carb vn w tr pb py in wkly Fe-carb alt wrock - part of 10m wide sheeted set; orient 72/242
RGKLR027	659054	6320815	1.46	0.255		1659	GRAB - 3cm subparallel vn w/ trace pb + 1% py; ~SOS as last
RGKLR028	659053	6320811	1.44	>10.0	24.9	1653	GRAB - 3cm, RW + vuggy qz-carb vn (as above) w/ 1% pb



Sample	Easting	Northing	Elevation	Project	Wt-Kg	Au-ppm	Descriptions
N387741	659484	6320315	1799	Laforce	0.62	0.175	
N387742	659491	6320326	1777	Laforce	0.66	0.445	fe-carb and qtz-ser alt phyllite tr py, rare qv
N387743	659496	6320337	1777	Laforce	0.76	0.93	as above, a bit more qtz-ser alt and poss more qv
N387744	659499	6320348	1772	Laforce	0.74	0.252	
N387745	659502	6320359	1765	Laforce	0.7	0.718	as per N387742, very small frags, sheared?
N387746	659506	6320370	1760	Laforce	0.7	0.012	
N387747	659506	6320382	1755	Laforce	0.72	0.011	
N387748	659514	6320391	1751	Laforce	0.68	0.036	
N387749	659522	6320402	1748	Laforce	0.66	0.029	
N387750	659526	6320414	1734	Laforce	0.86	0.01	
P425797	659452	6320175	1855	Laforce	0.64	0.011	
P425798	659449	6320187	1850	Laforce	0.72	0.017	
P425799	659450	6320199	1846	Laforce	0.66	0.019	
P425800	659452	6320211	1842	Laforce	0.82	0.022	
P425893	659456	6320222	1834	Laforce	0.76	0.022	
P425894	659461	6320234	1823	Laforce	0.68	0.019	
P425895	659463	6320246	1820	Laforce	0.78	0.026	
P425896	659467	6320259	1816	Laforce	0.76	0.011	
P425897	659464	6320271	1812	Laforce	0.72	0.017	
P425898	659471	6320282	1810	Laforce	0.68	0.043	
P425899	659477	6320292	1808	Laforce	0.72	0.036	
P425900	659483	6320304	1803	Laforce	0.74	0.131	
CP001	659529	6320425	1720	Laforce	0.8	0.012	
CP002	659531	6320437	1714	Laforce	0.64	0.009	
CP003	659566	6320381		Laforce	0.62	0.047	
CP004	659559	6320370	1699	Laforce	0.7	0.046	
CP005	659559	6320358	1700	Laforce	0.64	0.084	
CP006	659554	6320346	1706	Laforce	0.66	0.164	
CP007	659547	6320336	1711	Laforce	0.72	0.297	
CP008	659544	6320324	1727	Laforce	0.78	0.281	
CP009	659542	6320313	1731	Laforce	0.74	0.619	qtz-ser and fe-carb alt phyllite tr py, rare qv
CP010	659535	6320302	1736	Laforce	0.76	1.635	as above, a bit more limonite and qtz-ser altered
CP011	659528	6320291	1744	Laforce	0.68	0.848	as per CP009
CP012	659529	6320279	1755	Laforce	0.94	0.178	
CP013	659534	6320268	1762	Laforce	0.72	0.516	as per CP009
CP014	659536	6320255	1759	Laforce	0.76	0.397	sheared? phyllite tr fe-carb and qtz-ser rare qv
CP015	659544	6320245	1782	Laforce	0.7	0.379	
CP016	659538	6320235	1788	Laforce	0.8	0.099	
CP017	659536	6320224	1793	Laforce	0.82	0.015	
CP018	659541	6320213	1796	Laforce	0.92	0.095	
HB001	659231	6320931	1630	Laforce	0.44	<0.005	
HB002	659237	6320911	1620	Laforce	0.56	<0.005	
HB013	659243	6320890	1616	Laforce	0.46	<0.005	
HB014	659240	6320870	1609	Laforce	0.54	0.007	
HB015	659227	6320853	1607	Laforce	0.52	0.021	
HB016	659213	6320844	1600	Laforce	0.4	0.028	

Sample	Easting	Northing	Elevation	Project	Wt-Kg	Au-ppm	Descriptions
HB017	659196	6320837	1596	Laforce	0.48	0.043	
HB018	659173	6320826	1595	Laforce	0.52	0.066	
HB019	659161	6320816	1603	Laforce	0.52	0.145	
HB020	659148	6320808	1607	Laforce	0.44	0.07	
HB021	659135	6320790	1607	Laforce	0.44	0.127	
HB022	659119	6320776	1603	Laforce	0.42	0.099	
HB023	659110	6320742	1605	Laforce	0.5	0.877	as per CP009
HB024	659098	6320734	1601	Laforce	0.44	0.005	
HB025	659079	6320689	1599	Laforce	0.52	<0.005	
HB026	659068	6320669	1606	Laforce	0.64	<0.005	
HB027	659056	6320647	1607	Laforce	0.58	<0.005	
HB028	659045	6320614	1603	Laforce	0.6	<0.005	
HB029	659030	6320579	1607	Laforce	0.58	0.02	
HB030	659025	6320514	1608	Laforce	0.48	<0.005	
HB031	659279	6320561	1593	Laforce	0.56	0.05	
HB032	659300	6320556	1599	Laforce	0.68	0.236	
HB033	659310	6320540	1597	Laforce	0.58	0.43	as per CP010, possibly a bit more qv material
HB034	659327	6320545	1595	Laforce	0.46	0.068	
HB035	659341	6320550	1592	Laforce	0.58	0.108	
HB036	659356	6320549	1596	Laforce	0.68	0.227	
HB037	659369	6320550	1595	Laforce	0.46	0.266	
HB038	659380	6320554	1591	Laforce	0.52	0.291	
HB039	659399	6320556	1588	Laforce	0.5	0.236	
HB040	659416	6320557	1587	Laforce	0.48	0.031	





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To: KREFT, BERNIE  
 #1 LOCUST PLACE  
 WHITEHORSE YT Y1A 5C4

Page: 1  
 Finalized Date: 16- OCT- 2013  
 Account: KREBER

*Laforce*

**CERTIFICATE VA13176709**

Project:  
 P.O. No.:  
 This report is for 58 Rock samples submitted to our lab in Vancouver, BC, Canada on 2- OCT- 2013.  
 The following have access to data associated with this certificate:  
 BERNIE KREFT

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

  
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA13176709

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	Au- GRA21
		Recvd Wt. kg	Au ppm	Au ppm
[REDACTED]		2.04	<0.005	
[REDACTED]		1.54	<0.005	
[REDACTED]		0.88	0.057	
[REDACTED]		1.06	<0.005	
[REDACTED]		2.00	0.020	
[REDACTED]		1.26	0.007	
[REDACTED]		1.24	0.006	
[REDACTED]		0.84	0.014	
[REDACTED]		1.86	0.082	
[REDACTED]		1.10	<0.005	
[REDACTED]		1.36	0.099	
[REDACTED]		1.16	1.430	
[REDACTED]		0.86	1.435	
[REDACTED]		2.20	0.535	
RGKLR001		1.92	0.155	
RGKLR002		0.98	1.230	
RGKLR003		1.02	0.333	
RGKLR004		1.66	0.006	
RGKLR005		0.80	0.015	
RGKLR006		1.88	0.211	
RGKLR007		1.22	0.044	
RGKLR008		1.22	<0.005	
RGKLR009		2.50	<0.005	
RGKLR010		1.84	<0.005	
RGKLR011		1.32	0.025	
RGKLR012		1.74	0.250	
RGKLR013		2.18	0.336	
RGKLR014		1.30	0.451	
RGKLR015		2.12	0.041	
RGKLR016		1.26	<0.005	
RGKLR017		1.60	0.322	
RGKLR018		2.12	0.792	
RGKLR019		1.14	0.324	
RGKLR020		1.14	1.205	
RGKLR021		0.90	0.134	
RGKLR022		1.08	0.356	
RGKLR023		1.30	>10.0	10.85
RGKLR024		0.64	0.637	
RGKLR025		0.44	0.643	
RGKLR026		1.06	0.162	

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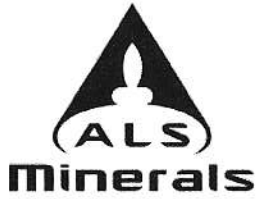
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CERTIFICATE OF ANALYSIS VA13176709

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23	Au- GRA21
		Recvd Wt. kg	Au ppm	Au ppm
		0.02	0.005	0.05
RGKLR027		1.46	0.255	
RGKLR028		1.44	>10.0	24.9
[REDACTED]		0.66	0.354	
[REDACTED]		1.48	0.527	
[REDACTED]		0.68	0.395	
[REDACTED]		0.66	0.063	
[REDACTED]		0.44	1.645	
[REDACTED]		0.56	0.055	
[REDACTED]		1.00	0.153	
[REDACTED]		0.54	0.620	
[REDACTED]		0.92	0.365	
[REDACTED]		0.92	0.061	
[REDACTED]		0.84	2.09	
[REDACTED]		0.62	0.121	
[REDACTED]		0.66	0.122	
[REDACTED]		1.18	0.063	
[REDACTED]		0.96	0.181	
[REDACTED]		0.94	0.590	

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CERTIFICATE OF ANALYSIS VA13176709

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- AA23

Au- GRA21

CRU- 31

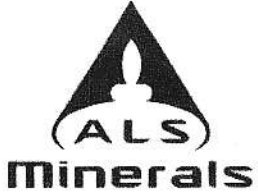
LOG- 22

PUL- 31

PUL- QC

SPL- 21

WEI- 21



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 Account: KREBER

*Locust*

**CERTIFICATE VA13176708**

Project:  
 P.O. No.:  
 This report is for 210 Soil samples submitted to our lab in Vancouver, BC, Canada on 2- OCT- 2013.  
 The following have access to data associated with this certificate:  
 BERNIE KREFT

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS

To: KREFT, BERNIE  
 #1 LOCUST PLACE  
 WHITEHORSE YT Y1A 5C4

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager





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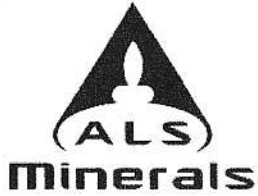
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CERTIFICATE OF ANALYSIS VA13176708

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23
		Recvd Wt. kg	Au ppm
[REDACTED]		0.02	0.005
[REDACTED]		0.44	0.145
[REDACTED]		0.52	0.281
[REDACTED]		0.56	0.200
[REDACTED]		0.84	0.134
[REDACTED]		0.74	0.242
[REDACTED]		0.58	0.078
[REDACTED]		0.58	0.101
[REDACTED]		0.60	0.046
[REDACTED]		0.64	0.097
[REDACTED]		0.58	0.064
[REDACTED]		0.80	0.118
[REDACTED]		0.86	0.261
[REDACTED]		0.54	0.111
[REDACTED]		0.62	0.164
[REDACTED]		0.62	0.152
[REDACTED]		0.60	0.274
[REDACTED]		0.52	0.174
[REDACTED]		0.54	0.187
[REDACTED]		0.70	0.535
[REDACTED]		0.66	0.167
[REDACTED]		0.60	0.127
[REDACTED]		0.64	0.112
[REDACTED]		0.58	0.069
[REDACTED]		0.64	0.083
[REDACTED]		0.52	0.068
[REDACTED]		0.78	0.054
[REDACTED]		0.68	0.044
P425797 -h		0.64	0.011
P425798 -h		0.72	0.017
P425799 -h		0.66	0.019
P425800 -h		0.82	0.022
P425893 -h		0.76	0.022
P425894 -h		0.68	0.019
P425895 -h		0.78	0.026
P425896 -h		0.76	0.011
P425897 -h		0.72	0.017
P425898 -h		0.68	0.043
P425899 -h		0.72	0.036
P425900 -h		0.74	0.131
N387741 ✓L		0.62	0.175

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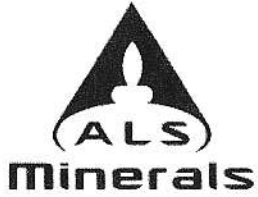
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CERTIFICATE OF ANALYSIS VA13176708

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
N387742		0.66	0.445
N387743		0.76	0.930
N387744		0.74	0.252
N387745		0.70	0.718
N387746		0.70	0.012
N387747		0.72	0.011
N387748		0.68	0.036
N387749		0.66	0.029
N387750		0.86	0.010
HB001		0.44	<0.005
HB002		0.56	<0.005
HB013		0.46	<0.005
HB014		0.54	0.007
HB015		0.52	0.021
HB016		0.40	0.028
HB017		0.48	0.043
HB018		0.52	0.066
HB019		0.52	0.145
HB020		0.44	0.070
HB021		0.44	0.127
HB022		0.42	0.099
HB023		0.50	0.877
HB024		0.44	0.005
HB025		0.52	<0.005
HB026		0.64	<0.005
HB027		0.58	<0.005
HB028		0.60	<0.005
HB029		0.58	0.020
HB030		0.48	<0.005
HB031		0.56	0.050
HB032		0.68	0.236
HB033		0.58	0.430
HB034		0.46	0.068
HB035		0.58	0.108
HB036		0.68	0.227
HB037		0.46	0.266
HB038		0.52	0.291
HB039		0.50	0.236
HB040		0.48	0.031
		0.48	0.564

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CERTIFICATE OF ANALYSIS VAI3176708

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
		0.46	0.309
		0.56	0.509
		0.48	0.014
		0.44	0.043
		0.42	1.010
		0.48	0.084
		0.48	0.324
		0.58	0.028
		0.40	0.619
		0.42	0.288
		0.50	0.033
		0.34	0.429
		0.42	0.345
		0.46	0.235
		0.42	0.555
		0.58	0.251
		0.48	1.160
		0.40	0.791
		0.48	0.016
		0.48	0.020
		0.52	0.118
		0.54	0.026
		0.48	0.032
		0.34	0.393
		0.46	0.021
		0.48	0.253
		0.48	0.933
		0.58	0.009
		0.48	0.239
		0.60	0.227
		0.42	3.94
		0.54	0.047
		0.56	0.042
		0.54	0.042
		0.62	0.826
		0.40	0.352
		0.44	0.015
CP001		0.80	0.012
CP002		0.64	0.009
CP003		0.62	0.047

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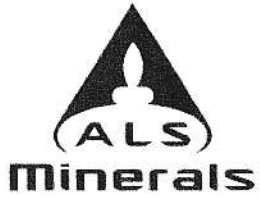
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CERTIFICATE OF ANALYSIS VA13176708

Sample Description	Method Analyte Units LOR	WEI- 21	Au- AA23
		Recvd Wt. kg	Au ppm
		0.02	0.005
CP004		0.70	0.046
CP005		0.64	0.084
CP006		0.66	0.164
CP007		0.72	0.297
CP008		0.78	0.281
CP009		0.74	0.619
CP010		0.76	1.635
CP011		0.68	0.848
CP012		0.94	0.178
CP013		0.72	0.516
CP014		0.76	0.397
CP015		0.70	0.379
CP016		0.80	0.099
CP017		0.82	0.015
CP018		0.92	0.095
		0.50	0.076
		0.56	0.060
		0.38	0.142
		0.44	1.025
		0.46	0.498
		0.44	0.009
		0.40	0.020
		0.48	<0.005
		0.50	0.060
		0.46	0.027
		0.54	0.144
		0.54	0.232
		0.40	0.044
		0.52	0.012
		0.42	0.034
		0.48	0.059
		0.52	0.941
		0.54	0.349
		0.48	0.021
		0.52	0.135
		0.60	0.258
		0.44	0.478
		0.54	0.173
		0.60	0.048
		0.58	0.026

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ALS Canada Ltd.  
2103 Dollarton Hwy  
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To: KREFT, BERNIE  
#1 LOCUST PLACE  
WHITEHORSE YT Y1A 5C4

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Account: KREBER

CERTIFICATE OF ANALYSIS VA13176708

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

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