



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: SOIL and ROCK GEOCHEMICAL REPORT ON THE GOLDEN ZONE **PROPERTY**

TOTAL COST: 2713.61

AUTHOR(S): Leonard Gal

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):Event number 5160915/ 2Jan2012

YEAR OF WORK:2011

PROPERTY NAME: Golden Zone

CLAIM NAME(S) (on which work was done):709483, 836122

COMMODITIES SOUGHT: Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082ESW042

MINING DIVISION: Osovoos NTS / BCGS: 82E/5W, 92H/8E

...______ ___119____° ___59__ " (at centre of work) LONGITUDE:

UTM Zone:

OWNER(S): Leonard Gal

MAILING ADDRESS: 5977 Littlefield Road; Courtenay, BC; V9J 1T6

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

MAILING ADDRESS: as above

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. Do not use abbreviations or codes) Golden zone vein, quartz, pyrite, arsenopyrite, Nicola Group, Bromley Batholith, gold, silver, chlorite-clay alteration, fault-fracture zone, 1 m width, east-west trend

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: AR 11514, AR 25201

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres))		
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of same	nples analysed for)		0007.07
Soil	22		2387.97
Silt			005.00
Rock	3		325.63
Other			
DRILLING (total metres, number	of holes, size, storage location)		
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (s	cale, area)		
Legal Surveys (scale, are	a)		
Road, local access (km)/t	rail		
Trench (number/metres)			

Underground development (metres)		
Other		
	TOTAL	2713.61
	COST	

SOIL and ROCK GEOCHEMICAL REPORT ON THE GOLDEN ZONE PROPERTY

(GRID CLAIM TENURE 709483) HEDLEY AREA

> Osoyoos Mining Division British Columbia

NTS 82E/5W, 92H/8E Latitude 49°27' N Longitude 119°59' W

> Owner/Operator Leonard Gal Courtenay, BC

BC Geological Survey Assessment Report 32833

By Leonard Gal January 2, 2012 Amended November 7, 2012

TABLE OF CONTENTS

SUMMARY AND CO	ONCLUSIONS	6
INTRODUCTION		6
LOCATION AND AC	CCESS	6
PHYSIOGRAPHY, V	EGETATION AND CLIMATE	6
CLAIM IMFORMATI	ION	8
HISTORY AND PREV	VIOUS WORK	8
REGIONAL GEOLOG	GY	9
PROPERTY GEOLOG	GY & MINERALIZATION	9
2011 FIELD PROGRA	AM	12
PROGRAM RESULT	S	12
APPENDICES		
APPENDIX A	WRITERS CERTIFICATE	18
APPENDIX B	REFERENCES	18
APPENDIX C	ASSAY METHODS AND RESULTS	18
LIST OF FIGURES		
FIGURE 1	LOCATION and CLAIM MAP	7
FIGURE 2	REGIONAL GEOLOGY	11
FIGURE 3	SAMPLE LOCATIONS	14
FIGURE 4	AU SOIL SAMPLE GEOCHEMISTRY	15
FIGURE 4	AG SOIL SAMPLE GEOCHEMISTRY	16
FIGURE 4	AS SOIL SAMPLE GEOCHEMISTRY	17

SUMMARY AND CONCLUSIONS

The Golden Zone Property, consisting of four grid claim units is located near Hedley in southern British Columbia. In 2011, 21 soil and 3 rock samples were collected. The aim of the program was to test the viability of a larger geochemical program, in order to expand upon the known zone of gold and silver mineralization occurring within a quartz vein, an altered and sheared fault zone lying south of and sub parallel to the vein, and a fractured and brecciated sulphide-rich felsite body, possibly related to the aforementioned fault zone.

The Golden Zone vein (MINFILE #082ESW042) is an east striking, south dipping quartz vein averaging about 1m but up to 3.6 m wide, hosted within granodiorite of the Bromley batholith and hornfelsed sediments and volcanics of the Triassic Nicola Group. The contact between the two rock units locally trends north - northwest, and the Golden Zone property is located at the southwest corner of an east-west elongate roof pendant of Nicola Group rocks lying mainly within the Bromley batholith. The slightly younger Lookout Ridge pluton lies a short distance south of the Golden Zone vein and intrudes both the Bromley granodiorite and the Nicola Group rocks. Late mafic dykes cut all other units and postdate mineralization. Mineralization within the Golden Zone quartz vein consists of gold and silver associated with disseminated, streaky, patchy masses and lenses of pyrite, arsenopyrite, sphalerite and chalcopyrite. The quartz is white and massive to slightly vuggy; locallly breccia textures are observed. Where the vein lies within granodiorite it is generally uniform in width and aspect, and pyrite predominates with sphalerite and traces of chalcopyrite. Where the vein passes into the Nicola Group rocks it is irregular in width and orientation, and hosts mainly pyrite with arsenopyrite. Gold values are generally higher where the vein is within the Nicola Group rocks. The vein is exposed on surface over a strike length of 360m. Development dating from the turn of the twentieth century to 1937 consists of an adit near the western part of the exposed vein, as well as two shafts serving 270m of underground workings on two levels. More recent work consisted of limited geophysical and geochemical surveys, and trenching and diamond drilling in 1982-1983 and 1996-1997.

The 2011 program focused on the area east and south of the shafts (A and B). Results from rock sampling of rusty hornfelsed rock east of the known workings yielded only up to 27 ppb Au, while soil samples in a test line across the mineralized zone yielded results up to 688 ppb Au. Further systematic soil sampling is recommended to expand and outline the trend of the mineralized zone, particularly in areas away from the known workings.

INTRODUCTION

This report summarizes the analytical results from a series of soil and rock samples collected by L. Gal (author of this report) on September 27, 2011. Twenty-one soil and three rock samples were sent to ALS Laboratories in North Vancouver for multi-element analysis.

The Golden Zone claims are 100% owned by L. Gal.

LOCATION AND ACCESS

The property is located in southern British Columbia, 11 km northeast of the town of Hedley, at Latitude 49°27'30"N and Longitude 119°59'30"W on NTS map sheets 82E/5W and 92H/8E (Figure 1). Penticton is the closest major supply centre, located approximately 50 km to the west via the Green Mountain Road, Nickle Plate Mine Road, and Strayhorse Creek Forest Service Road.

PHYSIOGRAPHY, VEGETATION AND CLIMATE

The Golden Zone property is situated at the northwestern margin of a plateau above the Broken Creek and Hedley Creek valleys. The topography of the claims is moderate with elevations ranging from about 1670 to 1880 metres above sea level. The property has been recently logged. Outcrop exposures are generally sparse, although subcrop boulders are exposed on higher hills and by some blown down trees. The hill slopes and bottom land are draped with Pleistocene glacial deposits.

The climate is typical of the southern interior, with warm summers and generally low precipitation. Winters are fairly mild but with a heavy accumulation of snow, restricting work to midsummer and fall seasons.

Because of its situation on a drainage divide, water is not abundantly available at the Golden Zone workings; however there was sufficient water for 1997 drilling operations from a creek to the north of the main workings.

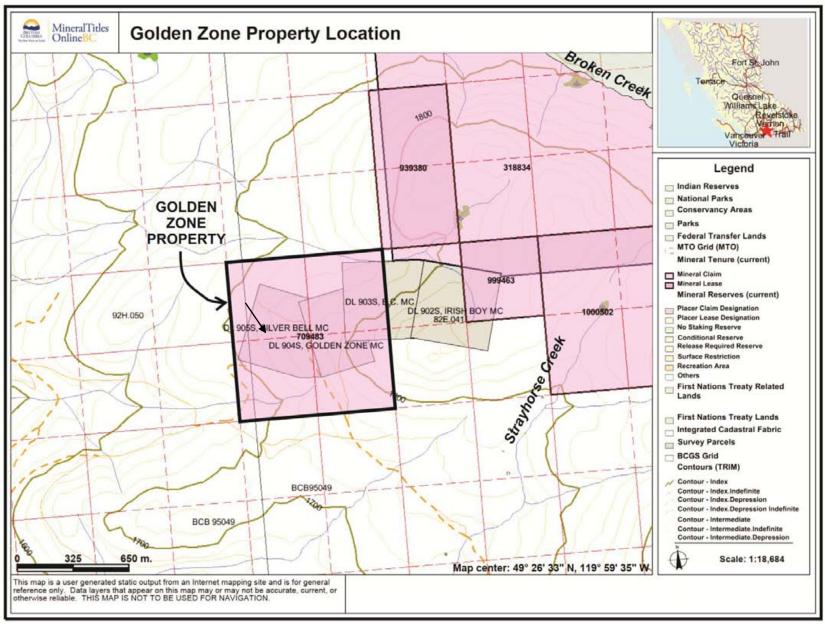


Figure 1. Location (inset, red star) and Claim Map. From Mineral Titles Online BC website.

CLAIM INFORMATION

The property is in the Osoyoos Mining Division and consists of four contiguous grid cell claims a single tenure (Figure 1). The claims are owned by Leonard Gal. The work described in this report is being claimed as assessment expenditures on the claims of tenure 709483. At the time of field work, a second tenure (#836122, 3 cells) existed to the east of the current block, but these claims have since expired. Claim information is summarized below:

TENURE	NUMBER (OF	EXPIRY
NUMBER	CELLS	AREA	DATE
709483	4	84.03	2017/02/28*

^{*} New expiry date pending approval of this report

HISTORY AND PREVIOUS WORK

The property covers former Crown Granted mineral claims which were located in 1900-1. The B.C. Minister of Mines Annual Reports mention work performed up to 1936, summarized here:

-	
1905	the A shaft was sunk to a depth of 15m, and an adit driven 22.5m. An open cut of 9m was made.
1906	the underground workings were extended and lead to the discovery of ore grade shoots.
1908	a stamp mill with a Wilfley concentrator was installed.
1909	the A shaft was extended to 33m and a 7.5m drift was driven along the vein. No significant milling was done, apparently due to water supply problems.
1910	the B shaft was sunk to a depth of 14.1m on the fault - gouge zone. Several trenches were cut on the vein.
1911-1929	there was no mention of the Golden Zone in the Government Reports.
1930-32	the adit was driven up to 34.5m from the portal, and further surface trenching was done.
1936	some diamond drilling was attempted, but ground conditions and core recovery were poor. The No. 1 level from A shaft was further developed. A No. 2 level was established 30m further down, and some development was done on this level up to the end of 1937.

No further work is recorded until Agur Logging Ltd. initiated a program of road building, bulldozer trenching and percussion drilling (415m) in 1980. Assays from percussion drilling cuttings yielded up to 1.82 -2.06 g/t Au and 55.21 - 115.57 g/t Ag (Peto, 1983). In 1982 Midland Energy Corporation optioned the property, and in 1983 undertook a program of grid preparation, soil sampling, a limited I.P. survey (1.17 line km), bulldozer trenching, rock chip sampling and diamond drilling (193.5m). The 1983 exploration program outlined a 120 x 250 m area carrying anomalous Zn, Ag and As in soils, and a coincident IP anomaly measuring at least 240 x 260 m. Trenching exposed a mineralized fault zone south of the Golden Zone vein estimated to have 60 m strike length.

Diamond drilling in 1983 comprised 193.5m of BQ size core in six holes. The table below summarizes the best drill hole intersections from Peto (1983). Not all these intersections were from the Golden Zone vein itself.

DRILL HOLE NUMBER	INTERVAL	INTERVAL WIDTH	TRUE THICKNESS	GOLD (Au) g/t	SILVER (Ag) g/t
DDH - 2	9.0-9.75m	0.75m		4.32 g/t	
DDH - 2	13.2-15.0m	1.8m		5.25 g/t	
DDH - 2	15.0-22.8m	7.8m	3.9m	4.56 g/t	128.26 g/t
DDH - 3	9.6-11.1m	1.5m		4.49 g/t	11.32 g/t
DDH - 4	39.42-40.74m	1.32m		1.44 g/t	36.01 g/t
DDH - 5	55.95-58.2m	2.25m	1.86m	4.77 g/t	41.15 g/t

Drill core boxes dated 1987 and 1989 were also found on the claims, although no information on this drilling could be found in assessment report files.

In 1996 Ticino Resources Corp. completed rock sampling and a 15 line km VLF-EM survey. Significant results up to 13.87 g/t Au and 143 g/t Ag were obtained in chip samples in old trenches (Gal, 1997). In 1996 Ticino Resources Corp. followed up with approximately 270 m of new trench sampling and in 2007 with limited diamond drilling, (7 holes, 217 m). Drill results were not made public.

REGIONAL GEOLOGY

The geology of the Hedley region has been described by Ray and Dawson (1994) (Figure 2). The Hedley area lies at the eastern margin of outcropping Upper Triassic Nicola Group volcano-sedimentary rocks, at the contact with Upper Devonian to Upper Triassic ophiolitic rocks of the Apex Mountain Complex. Ray and Dawson (1994) divide the Nicola Group in this area into the basal Whistle Formation (tuffs and tuffaceous sediments) which is overlain by the French Mine Formation (limestone) in the east, the Hedley and Chuchuwayha Formations (siltstone dominated) in the central part of the area, and the Stemwinder Formation (mainly argillite) in the west. These time correlative facies are postulated to be separated by long lived growth faults. The Oregon Claims Formation (mafic tuffs, limestone and chert pebble conglomerate) underlies the Hedley, Chuchuwayha and Stemwinder Formations. After a period of deformation and faulting, the Nicola Group rocks were intruded by alkaline to calc-alkaline plutons of late Triassic to Cretaceous age. The lithologies range from diorite to granodiorite. The major intrusions of this age in the Hedley district include the Bromley batholith, Lookout Ridge pluton, Cahill Creek pluton, Hedley intrusions and Mt. Riordan stock. The quartz dioritic and gabbroic stocks, sills and dykes of the Late Triassic to Early Jurassic Hedley intrusions are related to gold bearing skarns of the Hedley camp. The Early Jurassic Bromley batholith intrudes Nicola Group rocks, and has caused widespread hornfelsing. Some skarn alteration is observed adjacent to the batholith. Significant garnet - copper -tungsten skarn is related to the Mt. Riordan stock, which may be a satellite of the Bromley batholith.

Gold mineralization at the Hedley camp is found both in skarns and veins. Gold is best developed in exoskarns, associated with arsenopyrite and pyrrhotite and other disseminated sulphides in garnet - pyroxene - carbonate - scapolite alteration assemblages. Gold vein deposits such as the Banbury and Gold Hill properties are quartz carbonate veins associated with skarn mineralization.

PROPERTY GEOLOGY & MINERALIZATION

The Golden Zone Property lies at the southwest end of an east-west elongate roof pendant of volcanic and sedimentary rocks likely belonging to the Nicola Group of Triassic age. This body of probable Nicola Group rocks is intruded by, and lies within, the Late Triassic Bromley batholith granodiorite. The contact between the Bromley batholith and Nicola Group at the Golden Zone workings is just east of the B shaft. A short distance to the south of the main workings are outcrops of equigranular to feldspar porphyritic quartz monzonite to granodiorite of the Lookout Ridge pluton. Mapping by Ray and Dawson (1994) indicates a separate stock of granite to quartz monzonite in the southeastern part of the property, which may be a phase of the Lookout Ridge pluton. Irregular felsic intrusive bodies are found within the Nicola Group, and locally adjacent to the quartz vein. These "felsites" are possibly apotheses of one of the intrusive units. Mafic dykes trend northward and post-date all other phases, including the Golden Zone vein.

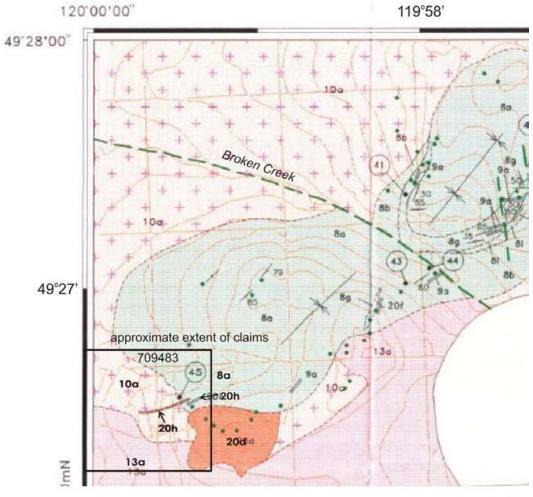
The Golden Zone vein is a white quartz vein, averaging 1 m in width, to a maximum of 3.6m and extending 360m through granodiorite of the Bromley batholith into hornfelsed and silicified tuffs and/or siltstones of the Nicola Group. The strike of the vein is ENE to east, with a vertical to steep southern dip. Where the quartz vein cuts granitic rock it tends to be narrower, regular, with massive to drusy, ribbon banded and cockscomb milky quartz. Within the sediments and volcano-sediments it becomes variable in width and form, locally splitting into stringer zones. In places the vein is offset by roughly north south faults. Within the Nicola Group rocks, the vein may be offset by theses faults, or locally follow their trend. Throughout most of its length on surface, the vein is white massive to slightly vuggy quartz, with disseminated to streaky sulphides from 1-25%. Sulphide phases within the quartz vein are also a function of host rock type. In the granitic country rock, pyrite and sphalerite with minor chalcopyrite are the main phases. In the Nicola Group rocks, sphalerite is rare but arsenopyrite is locally common. The vein here is generally comparatively sulphide rich, arsenopyrite is generally fine grained and pyrite occurs as coarser masses and cubes up to 5mm. Zones of disseminated sulphide in places envelope the vein, for widths of up to 3.5m. Sulphides occur as disseminations, stringers, blebs, lenses and streaks within the quartz, more rarely breccia textures and net textured sulphides. Near massive arsenopyrite plus pyrite in brecciated quartz, and coarse pyrite quartz breccia with both white and clear quartz were observed at the A shaft dump. Arsenopyrite is apparently not as common in underground workings as it is in surface pits (BC Minister of Mines Annual Report, 1937). Gold values are generally higher in the sulphide rich portions of the vein within the Nicola Group.

The B shaft is developed on a fault zone south of the vein, associated with an IP anomaly (Peto, 1983). It is apparently a separate structure from the vein. Within this fault zone are thinner (tens of cm scale) discrete mineralized zones of sub-parallel quartz stringers and quartz - sulphide segregations. These stringers are oriented approximately 290° dipping 74° S. The mineralized zone can be followed at least 15m west of the B shaft in granitic rock. Just west of the B shaft it is approximately

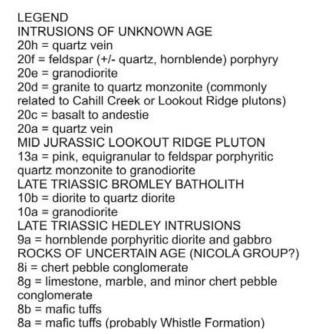
3m wide and consists of thin vuggy quartz veinlets with sulphide in chloritic and epidote altered intrusive rock with arsenopyrite clots and stringers, and disseminated pyrite cubes, with clay-Fe oxide and clayey sulphide gouge. Rusty clay gouge zones extend into the Nicola Group rocks as well, although the associated alteration is not as well developed, perhaps because of the differing protolith.

Historical sampling has demonstrated that gold and silver grades are quite variable, and that the highest gold values seem to be associated with arsenopyrite bearing portions of the quartz vein hosted in the Nicola Group rocks. Gold assays of up to 66.53 g/t Au and 342.94 g/t Ag have been reported for select samples of sulphide rich rock from between A and B shaft (B.C. Minister of Mines Annual Report 1930). Vein samples from within the intrusive are generally lower in gold, while silver grades may remain high. For example, a sample of 1.2 m wide quartz vein from near the adit portal assayed 0.69 g/t Au, 370.37 g/t Ag (B.C. Minister of Mines A.R., 1930). Grades from underground workings were described as "quite variable in the wider sections of quartz, including many low assays; better values, from a large fraction of an ounce to 2 oz and higher, are to be found in the narrower portions of an east-west quartz vein" (B.C. Minister of Mines A.R., 1937). Among the samples taken from underground workings in 1937 by the government engineer were 3.43 g/t Au and 205.76 g/t Ag over 10 cm from a pyrite stringer on the vein footwall on level 2; and a chip sample across 2.41m of quartz vein on level 2 yielding 2.06 g/t Au and 20.58 g/t Ag.

More recent trenching and drilling have yielded high grade gold and silver from the altered fault zone, as well as from sulphide —rich felsites bodies. These both occur south of and possibly sub-parallel to, the Golden Zone vein.



Geology from Ray and Dawson (1994)



scale
0 500m 1000m

Figure 2. Regional geology from Ray and Dawson (1994)

2011 FIELD PROGRAM

2011 sampling was conducted by the author. Soil sampling was done on a northeast trending line, south and east of the B and A shafts, at approximately a15m sample spacing. The soil samples were taken across the trend of the Golden Zone vein, the fracture-fault zone to the south, and over the area where mineralized felsite occurs. Soil samples were taken from B horizon, generally at depths of 15-30cm. Soil samples were collected with a hand auger, placed in kraft paper envelopes, and sent to ALS Laboratories in North Vancouver. Assay certificates are included as Appendix C.

Three rock samples were collected from hornfelsed outcrops and subcrops to the east of the known workings, including one sample taken off the claim area, in what was at the time, open ground.

PROGRAM RESULTS

Figure 3 shows the locations of soil and rock sample taken during the 2011 program. Partial results for soil and rock samples collected by the writer are tabulated below:

Sample	UTM	UTM	Description, Sample depth	Au	Ag	As
#	east	north		(ppm)	(ppm)	(ppm)
Gz1	283104	5480815	Yellow-brown fine sandy soil, 15cm	0.049	0.5	182
Gz2	283110	5480823	Yellow-brown fine sandy silty soil, 15cm	0.01	0.6	55
Gz3	283128	5480835	Light brown fine sandy silty soil, 18cm	0.011	0.3	98
Gz4	283139	5480845	Orange brown fine sandy/silty soil, rocky, 20cm	0.688	2.3	8290
Gz5	283151	5480850	Light yellow-brown fine sandy silty soil, 20cm	0.018	0.9	386
Gz6	283162	5480853	Light yellow-brown fine sandy silty soil, 15cm; possible disturbance, beside trench	0.023	0.8	252
Gz7	283175	5480857	Light yellow-brown to slightly orange fine sandy silty soil, 25cm	0.04	1.4	356
Gz8	283186	5480868	Orange brown fine sandy/silty soil, 30cm	0.013	0.9	75
Gz9	283197	5480879	Orange brown fine sandy/silty soil, rocky, some organics, 15cm	0.004	0.6	30
Gz10	283213	5480889	Orange brown fine sandy/clayey soil, rocky, 20cm	0.004	0.4	35
Gz11	283227	5480896	Light orange-yellow-brown fine sandy silty soil, rocky, 15cm	0.018	<0.2	25
Gz12	283237	5480903	Orange-brown fine sandy silty soil, rocky, 25cm	0.002	0.3	24
Gz13	283120	5480843	Yellow-brown fine sandy silty soil, rocky, 10cm	0.033	1	373
Gz14	283107	5480836	Light brown fine sandy silty soil, rocky, 20cm	0.025	0.6	158
Gz15	283088	5480816	Light yellow-brown fine sandy silty soil, rocky, 10cm; possible contamination, beside cabin	0.015	0.7	105
Gz16	283077	5480808	Light yellow-brown fine sandy silty soil, slightly rocky, 23cm	0.031	0.5	114
Gz17	283074	5480789	Light yellow-brown fine sandy silty soil, rocky, 20cm; possible contamination by dump/ashes	0.002	0.5	87
Gz18	283059	5480776	Light yellow-brown fine sandy silty soil, rocky, 20cm; on bank above access road	0.004	0.3	67
Gz19	283038	5480770	Light yellow-orange brown fine sandy-silty soil, rocky (Nicola Gp), just down bank on west side of access road, 25cm	0.011	0.4	201
Gz20	283025	5480753	Light yellow-brown fine sandy silty soil, rocky, 20cm; probable intrusive subcrop	0.004	0.4	41
Gz21	283073	5480832	Rusty red orange sandy soil, above fractured felsites unit in roadcut, 15cm	0.03	0.4	257

The results tabulated above illustrate that the gold mineralized zone, particularly the fracture-fault zone south of the vein, is reflected in the soil samples. Additional soils sampling over a controlled grid should be carried out on the claims, in order to

expand the known mineralization, and in particular the fault/fracture zone south of the main vein. Soil sample results are plotted in figures 4-6.

Three rock samples were collected from east of the workings (Figure 3). The descriptions are summarized here:

Sample Gzr1 was a select light grey, salt-and-pepper coloured hornfels with disseminated arsenopyrite and pyrite in fine crystals. Darker coloured crystals were possibly pyroxene. Secondary biotite was conspicuous. It was a quartz rich rock.

Sample Gzr2 was selected fine crystalline hornfels, rusty weathering, with fine disseminated sulphides. Granitoid intrusive outcropped nearby.

Sample Gzr3 was a selected sample from off the claims, but at the time of collection the ground was open. It was a representative grab sample of slightly rusty weathering, skarnified, vuggy weathering hornfels, interleaved with purplish weathering hornfels and fine crystalline marble.

The rock samples did not yield significant gold or silver values.

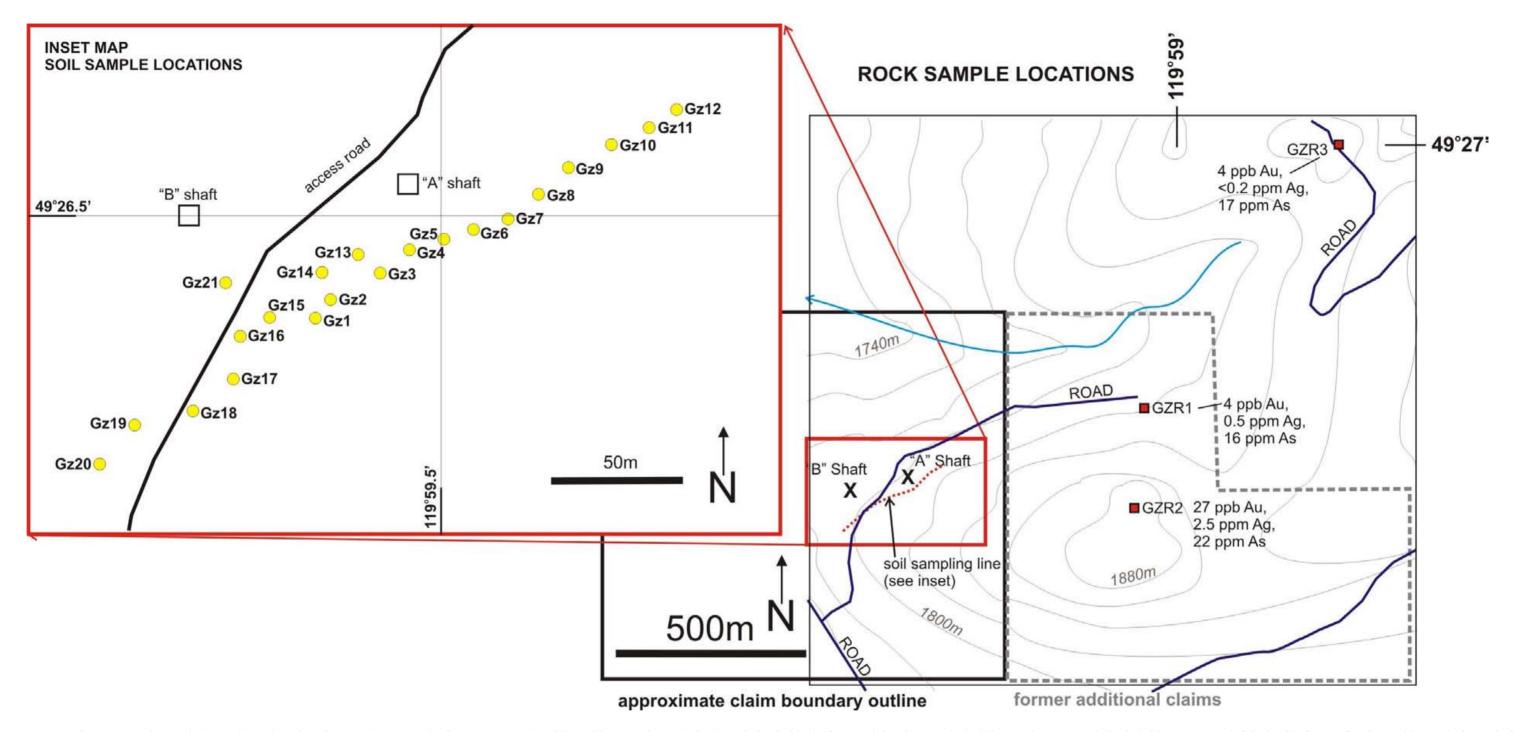


Figure 3. Rock sample Gzr1, Gzr2, Gzr3 locations and assay results for Au, Ag, As (on right) with approximate claim boundaries in black (former claims in grey dashed line) and access roads in dark blue. Inset on left is detail of area of main workings (Shaft A, Shaft B) with location of soil samples Gz1 to Gz21 on generally northeast trending line, south and east of the shafts.

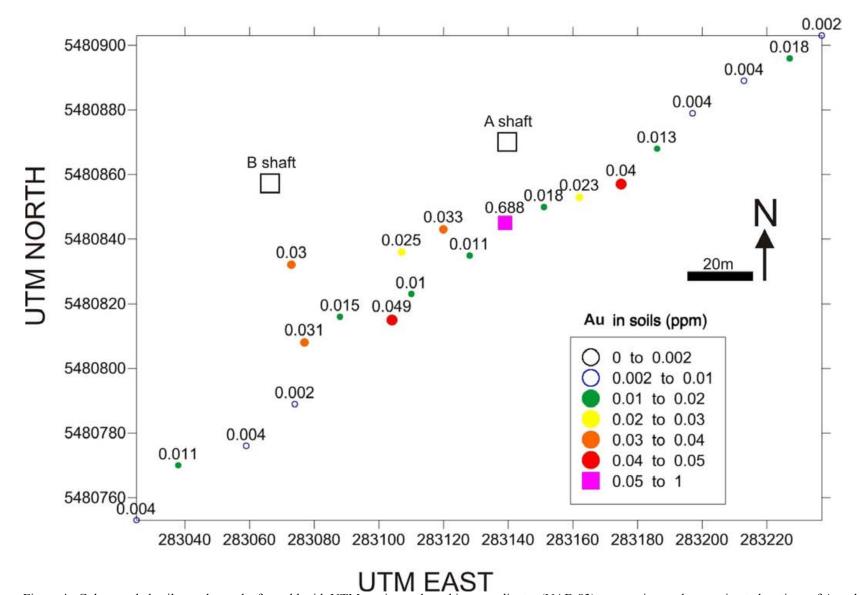


Figure 4. Colour-coded soil sample results for gold with UTM easting and northing coordinates (NAD 83) on margins, and approximate locations of A and B shafts. Note sample with highest value of 688 ppb Au south of "A" shaft.

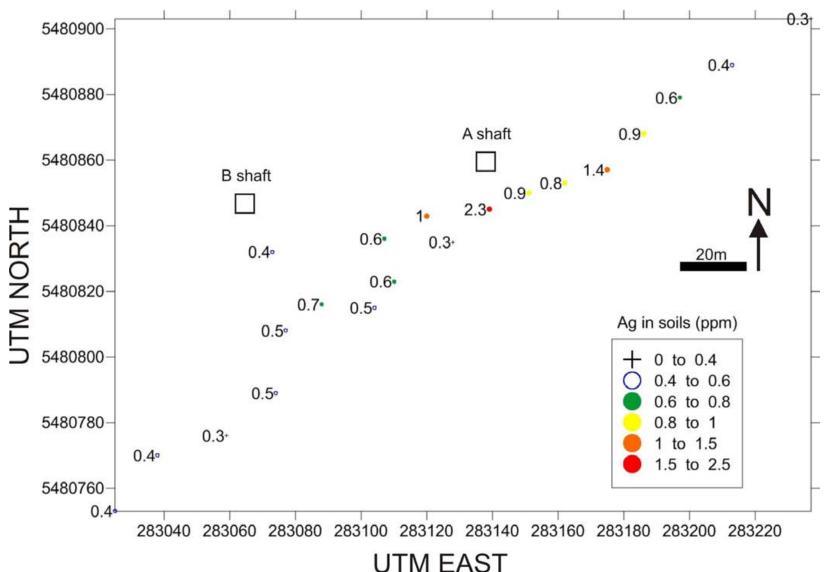


Figure 5. Colour-coded soil sample results for silver with UTM easting and northing coordinates (NAD 83) on margins, and approximate locations of A and B shafts. Note sample with highest value of 2.3 ppm corresponds to sample with highest gold value.

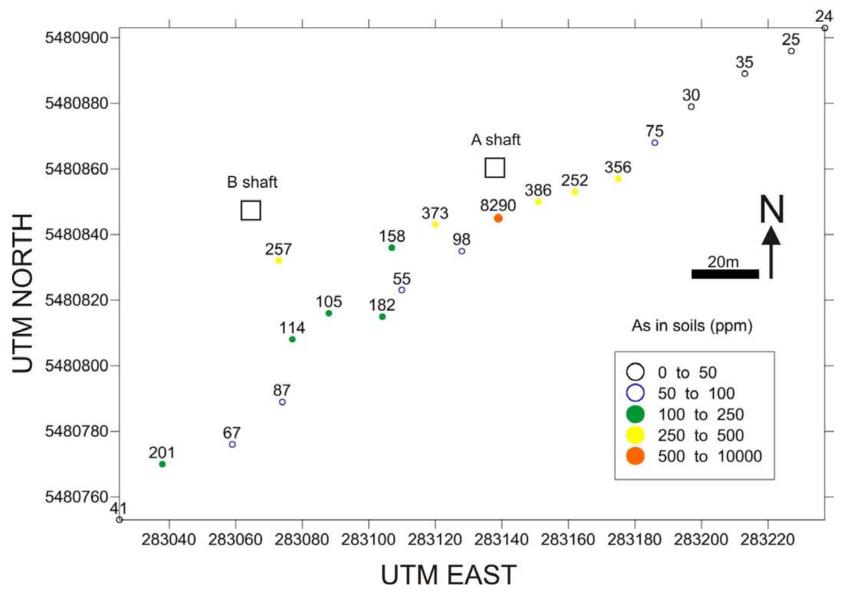


Figure 6. Colour-coded soil sample results for arsenic with UTM easting and northing coordinates (NAD 83) on margins, and approximate locations of A and B shafts. The high value of 8290 ppm corresponds to the sample with highest gold and silver values.

APPENDIX A

WRITER'S CERTIFICATE

I, Leonard P. Gal hereby certify that:

- 1. I am a Professional Geoscientist residing at Courtenay, BC.
- 2. I am a graduate of the University of British Columbia, B.Sc. (1986), and the University of Calgary, M.Sc. (1990);
- 3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia;
- 4. I am the author of this report, which is based on a study of private and published reports, and on a visit to the Golden Zone Property on September 27, 2011;
- 5. I am the owner of the claims that are the subject of this report;

Dated, November 7, 2012 at Courtenay, British Columbia

"signed"

Leonard P. Gal, M.Sc., P.Geo.

APPENDIX B

REFERENCES CITED

BCMEMPR MINFILE: Golden Zone MINFILE Number 82ESW042

B.C. Minister of Mines Annual Reports for 1905-1910, 1912, 1930-1932, 1937.

Gal, L. P. (1997) Rock Sample Geochemical Report on the Golden Zone Property, Osoyoos Mining

Division, B.C. for Ticino Resources Corp. Assessment Report 25,201.

Peto, P. (1983) Geochemical, Geophysical and Diamond Drilling Report on the Golden Zone

Property, Osoyoos Mining Division. Assessment Report 11,514.

Ray, G.E. & Dawson, G.L. (1994) The Geology and Mineral Deposits of the Hedley Gold Skarn District, Southern

British Columbia, BCMEMPR Bulletin 87.

APPENDIX C

ASSAY METHODS AND RESULTS

Soil samples were dried and sieved to -180 micrometres. Gold was analysed by fire assay using a 30 g sample that was fused with lead oxide, sodium carbonate, borax, silica, and other reagents as required, inquarted with 6 mg of gold-free silver and cupelled to produce a precious metal bead. The bead was digested in 0.5 ml dilute nitric acid in a microwave oven. Then 0.5 ml of concentrated hydrochloric acid is added and the bead is further digested in the microwave at lower power. The solution is cooled, diluted to a volume of 4 ml with de-mineralized water, and analysed by inductively coupled plasma atomic emission spectrometry (ICP-AES) against matrix-matched standards.

For the other elements, a prepared sample is digested with aqua regia in a graphite heating block. After cooling, the solution is diluted to 12.5 ml with de-ionized water, mixed and analysed by ICP-AES. The analytical results are corrected for interelement spectral interferences.

Rock samples were analysed in a similar manner, although preparation differed. Rocks were initially crushed until 70% of the sample passed a -2mm screen. The sample was then split with a riffle splitter, and the split was pulverized to 85% of sample -85 micrometres. Splits of the pulverized sample were analyzed for gold, and 35 other elements, as outlined for soil samples above.



2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GAL, LEONARD

Page: 1 Finalized Date: 2-NOV-2011 This copy reported on 3-NOV-2011 Account: GALLEO

CERTIFICATE VA11198085

Project: Golden Zone
P.O. No.:
This report is for 21 Soil samples submitted to our lab in Vancouver, BC, Canada on 29-SEP-2011.
The following have access to data associated with this certificate:

LEONARD GAL

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 PROCEDUR	ES
DESCRIPTION	INSTRUMENT
Au 30g FA ICP-AES Finish	ICP-AES
35 Element Aqua Regia ICP-AES	ICP-AES
	Au 30g FA ICP-AES Finish

To: GAL, LEONARD

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.

Signature: Colin Ramshaw, Vancouver Laboratory Manager

2103 Dollarton Hwy North Vancouver BC V7H 0A7 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GAL, LEONARD

Page: 2 - A Total # Pages: 2 (A - C) Finalized Date: 2-NOV-2011 Account: GALLEO

Minera	IS								CI		CATE O	F ANAL	YSIS	VA111	98085	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 8 ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 BI ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
GZ1 GZ2 GZ3 GZ4 GZ5		0.20 0.28 0.22 0.24 0.24	0.049 0.010 0.011 0.688 0.018	0.5 0.6 0.3 2.3 0.9	1.90 1.78 1.76 1.70 1.74	182 55 98 8290 386	<10 <10 <10 <10 <10	130 160 120 210 110	<0.5 <0.5 <0.5 0.5 <0.5	<2 2 <2 8 4	0.87 0.73 0.59 0.35 0.14	0.8 0.6 0.8 4.4 0.8	7 4 5 9 6	13 12 10 13	31 15 9 52 16	3.05 2.40 2.19 5.19 2.41
GZ6 GZ7 GZ8 GZ9 GZ10		0.30 0.30 0.32 0.20 0.28	0.023 0.040 0.013 0.004 0.004	0.8 1.4 0.9 0.6 0.4	2.30 1.95 2.05 2.12 2.33	252 356 75 30 35	<10 <10 <10 <10 <10	230 120 150 80 150	<0.5 <0.5 <0.5 <0.5 <0.5	3 6 <2 3 <2	0.21 0.10 0.18 0.17 0.22	0.9 1.2 0.9 0.9	8 7 7 5 7	14 12 11 9	25 23 19 24 23	2.83 2.69 2.50 2.21 2.57
GZ11 GZ12 GZ13 GZ14 GZ15		0.30 0.22 0.36 0.32 0.32	0.018 0.002 0.033 0.025 0.015	<0.2 0.3 1.0 0.6 0.7	2.06 2.07 1.80 2.07 1.68	25 24 373 158 105	<10 <10 <10 <10 <10	130 110 130 140 140	<0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 4 2 2	0.29 0.12 0.13 0.71 0.19	<0.5 <0.5 0.8 1.1 0.7	6 6 7 8	11 11 12 13	16 12 24 24 24	2.37 2.38 2.60 2.89 2.74
GZ16 GZ17 GZ18 GZ19 GZ20		0.36 0.26 0.32 0.30 0.42	0.031 0.002 0.004 0.011 0.004	0.5 0.5 0.3 0.4 0.4	1.74 2.38 1.98 2.21 2.23	114 87 67 201 41	<10 <10 <10 <10 <10	140 110 90 110 130	<0.5 <0.5 <0.5 <0.5 <0.5	Q Q Q 2	0.23 0.31 0.35 0.11 0.14	<0.5 <0.5 0.5 0.6 0.6	6 6 6 9	12 11 12 10	20 14 13 17 19	2.84 2.29 2.17 2.50 2.61
GZ21		0.44	0.030	0.4	1.07	257	<10	90	<0.5	3	0.31	1.1	8	11	26	2.84

2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GAL, LEONARD

Page: 2 - B Total # Pages: 2 (A - C) Finalized Date: 2-NOV-2011 Account: GALLEO

Minera	IS								CI	ERTIFIC	ATE O	F ANAL	YSIS	VA111	98085	
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 NI ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
GZ1 GZ2 GZ3 GZ4 GZ5		10 10 10 <10 10	ব ব ব ব	0.16 0.19 0.05 0.10 0.06	10 <10 <10 10 <10	0.39 0.38 0.25 0.30 0.24	476 274 160 725 210	<1 <1 <1 4 2	0.02 0.02 0.02 0.03 0.02	8 5 5 13 7	460 340 310 600 470	10 5 6 55 12	0.03 0.03 0.02 0.07 0.02	2 Q 9 Q	6 4 3 5	37 33 30 29 13
GZ6 GZ7 GZ8 GZ9 GZ10		10 10 10 10	ব ব ব ব ব	0.10 0.08 0.08 0.06 0.07	10 <10 10 <10 10	0.33 0.28 0.28 0.18 0.35	264 215 202 214 231	2 2 1 1	0.03 0.02 0.03 0.02 0.03	10 7 7 6 9	260 280 310 610 450	10 23 9 11 8	0.01 0.01 0.02 0.03 0.02	Q 2 Q Q	4 3 3 2 4	21 12 15 13
GZ11 GZ12 GZ13 GZ14 GZ15		10 10 10 10	ব ব ব ব	0.06 0.07 0.08 0.13 0.08	<10 <10 10 10 <10	0.48 0.26 0.26 0.37 0.29	275 211 236 705 365	1 1 1 1	0.03 0.03 0.03 0.03 0.03	6 6 7 9 7	380 610 900 410 810	6 5 11 12 8	0.02 0.02 0.02 0.03 0.03	<2 <2 <2 2 2	3 3 4 4 3	16 15 12 31 14
GZ16 GZ17 GZ18 GZ19 GZ20		10 10 10 10	ব ব ব ব	0.09 0.06 0.08 0.05 0.08	<10 <10 <10 10	0.30 0.23 0.20 0.20 0.25	264 246 409 461 924	1 1 1 1	0.03 0.03 0.03 0.03 0.03	7 12 10 7 13	630 690 830 780 810	9 9 10 11 6	0.03 0.02 0.03 0.03 0.03	Q Q Q Q	4 3 2 3 3	17 16 22 12 15
GZ21		<10	ব	0.13	10	0.31	467	1	0.03	7	400	10	0.02	2	6	22

ALS) Minerals ALS Canada Ltd.

2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GAL, LEONARD

Page: 2 - C Total # Pages: 2 (A - C) Finalized Date: 2-NOV-2011 Account: GALLEO

Minera									ct. Golden zone	
Minera	13								CERTIFICATE OF ANALYSIS	VA11198085
Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 TI % 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2		
GZ1 GZ2 GZ3 GZ4 GZ5		<0 <0 <0 <0 <0 <0 <0	0.13 0.15 0.12 0.08 0.11	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	74 53 47 67 52	<10 <10 <10 <10 <10	108 107 153 202 136		
GZ6 GZ7 GZ8 GZ9 GZ10		<20 <20 <20 <20 <20	0.14 0.12 0.11 0.10 0.11	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	54 58 54 43 56	<10 <10 <10 <10 <10	155 162 142 118 131		
GZ11 GZ12 GZ13 GZ14 GZ15		<20 <20 <20 <20 <20	0.11 0.11 0.10 0.14 0.10	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	51 51 52 67 56	<10 <10 <10 <10 <10	54 65 135 160 123		
GZ16 GZ17 GZ18 GZ19 GZ20		<0 <0 <0 <0 <0 <0 <0	0.10 0.13 0.10 0.12 0.14	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	57 48 45 44 53	<10 <10 <10 <10 <10	97 102 91 114 154		
GZ21		<20	0.09	<10	<10	55	<10	105		



2103 Dollarton Hwy North Vancouver BC V7H 0A7 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com To: GAL, LEONARD

Page: 1 Finalized Date: 9-NOV-2011 This copy reported on 21-DEC-2011 Account: GALLEO

CERTIFICATE VA11198084

Project: Golden Zone

P.O. No .:

This report is for 3 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-SEP-2011.

The following have access to data associated with this certificate: LEONARD GAL

SAMPLE PREPARATION						
ALS CODE	DESCRIPTION					
WEI-21	Received Sample Weight					
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 PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: GAL, LEONARD

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.

Signature: Colin Ramshaw, Vancouver Laboratory Manager

2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GAL, LEONARD

Page: 2 - A Total # Pages: 2 (A - C) Finalized Date: 9-NOV-2011

Account: GALLEO

Illilerais						C	ERTIFIC	CATE O	F ANAL	YSIS	VA11198084					
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 8 ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 BI ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
GZR1 GZR2 GZR3	LOK	0.58 0.78 0.84	0.004 0.027 0.004	0.5 2.5 <0.2	0.99 2.03 1.95	16 22 17	<10 <10 <10	190 60 80	45 45 45	2 4 4	0.36 1.60 6.21	40.5 40.5 40.5 40.5	11 25 12	8 13 6	21 180 69	3.71 4.96 1.47

2103 Dollarton Hwy North Vancouver BC V7H 0A7 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GAL, LEONARD

Page: 2 - B Total # Pages: 2 (A - C) Finalized Date: 9-NOV-2011 Account: GALLEO

illilerais				C	ERTIFIC	CATE O	FANA	YSIS	VA111	98084						
Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K X 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg X 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na N 0.01	ME-ICP41 NI ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 5 X 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP4: Sr ppm 1
GZR1 GZR2 GZR3		<10 <10 <10	<1 <1 <1	0.54 0.16 0.08	<10 10 <10	0.74 0.41 0.21	343 133 304	<1 <1 <1	0.09 0.31 0.29	2 13 7	790 1010 520	3 16 3	126 298 035	Q 4 Q	3 2	18 175 253

To: GAL, LEONARD

Page: 2 - C Total # Pages: 2 (A - C) Finalized Date: 9-NOV-2011 Account: GALLEO

2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

T:								riojeci	L. Golden Zone			
Minerals									CERTIFICATE OF ANALYSIS	VA11198084		
Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 TI N 0.01	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-KIP41 W ppm 10	ME-ICP41 Zn ppm 2				
GZR1 GZR2 GZR3		<20 <20 <20	0.22 0.23 0.09	<10 <10 <10	<10 <10 <10	108 65 28	<10 <10 <10	53 28 20				

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Leonard Gal	ricia Days (iise actaal aays)	1.5	\$550.00		
			\$0.00		
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$825.00	\$825.00
Office Studies	List Personnel (note - Office o	nly, do not i	nclude fie	eld days	
Literature search			\$0.00	\$0.00	
Database compilation			\$0.00	\$0.00	
Computer modelling			\$0.00	\$0.00	
Reprocessing of data			\$0.00	\$0.00	
General research			\$0.00	\$0.00	
Report preparation		1.0	\$500.00	\$500.00	
Other (specify)				\$0.00	
				\$500.00	\$500.00
Airborne Exploration Surveys	Line Kilometres / Enter total invoice	d amount			
Aeromagnetics			\$0.00	\$0.00	
Radiometrics			\$0.00	\$0.00	
Electromagnetics			\$0.00	\$0.00	
Gravity			\$0.00	\$0.00	
Digital terrain modelling			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Remote Sensing	Area in Hectares / Enter total invoice	d amount or lis	t personnel		
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Geological mapping					
Regional		note: expe			
Reconnaissance		should be	captured ir	n Personnel	
Prospect		field exper	nditures ab	ove	
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	\$0.00
Ground geophysics	Line Kilometres / Enter total amount	t invoiced list n	ersonnel		
Radiometrics	Line knowledgy Enter total amount	l invoiced iist p	Cisoniici		
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	note: expenditures for your crew	in the field			
SP/AP/EP	should be captured above in Pers				
IP	field expenditures above	UIII ICI			
AMT/CSAMT	neid experiditures above				
Resistivity Complex resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					

Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
, , , , ,			'	\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	•
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment			\$0.00	\$0.00	
Soil	22	? 1.0	\$707.11	\$707.11	
Rock		3 1.0	\$114.50	\$114.50	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	 	
(april 9)				\$821.61	\$821.61
Drilling	No. of Holes, Size of Core and Metres	No.	Rate	Subtotal	+
Diamond	indicational fields	1101	\$0.00		
Reverse circulation (RC)			\$0.00	·	
Rotary air blast (RAB)			\$0.00		
Other (specify)			\$0.00		
Other (specify)			\$0.00	\$0.00	\$0.00
Other Operations	Clarif.	No	Data		\$0.00
Other Operations	Clarify	No.	Rate	Subtotal	
Trenching			\$0.00		
Bulk sampling			\$0.00		
Underground development			\$0.00		
Other (specify)			\$0.00		
				\$0.00	\$0.00
Reclamation	Clarify	No.	Rate	Subtotal	
After drilling			\$0.00		
Monitoring			\$0.00		
Other (specify)			\$0.00	\$0.00	
		1	T= -		
Transportation		No.	Rate	Subtotal	
Airfare			\$0.00	\$0.00	
Taxi			\$0.00		
		1 [·	
truck rental		1.50			
kilometers			\$0.00	+	
ATV			\$0.00		
fuel			\$0.00		
Helicopter (hours)			\$0.00		
Fuel (litres/hour)			\$0.00		
Other	ferry			\$123.00	
	la de la constanta de la const			\$383.00	\$383.00
Accommodation & Food	Rates per day	1		40:00	
Hotel		1.00			
Camp		1	\$0.00		
Meals	day rate	1.50	\$40.00		14=4.55
Minalland				\$154.00	\$154.00
Miscellaneous			4	10.5-	
Telephone			\$0.00	\$0.00	

TOTAL Expenditures			\$2,713.61
		\$30.00	\$30.00
	\$0.00	\$0.00	
	\$0.00	\$30.00	
Freight, rock samples			•
		\$0.00	\$0.00
Other (Specify)			
Field Gear (Specify)	\$0.00	\$0.00	
Equipment Rentals			
		\$0.00	\$0.00
Other (Specify)			