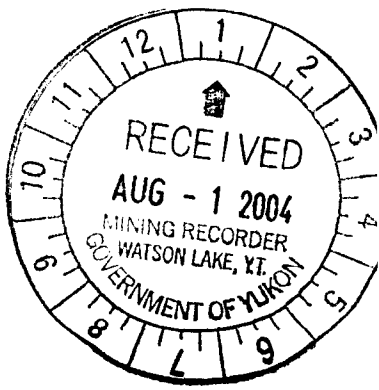
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2003 Assessment Report
MAUI 1-96 Mineral Claims
Watson Lake Mining District
Yukon Territory

105G/06
Lat: 61°32'N
Long: 131° 15'W
UTM Nad 27: 0377904E,6810315N



Prepared by

Daniele Heon, B.Sc.
and
James S. Dodge, B.Sc. M.Sc.
Professional Engineer, Yukon

December 10, 2003

Costs associated with this report have been approved in the amount of $ 8000.00 for assessment credit under Certificate of Work No. QL 25720

Mining Recorder
Watson Lake Mining District

Geological Report
2003 fieldwork on the
Maui claims, Yukon Territory
Watson Lake Mining District

105G/06
Lat: 61° 32' N
Long: 131° 15' W
UTM Nad 27: 0377904E, 6810315N

Danièle Héon, B. Sc. and James S. Dodge, P. Eng.

Prepared for Solomon Resources
Vancouver, BC

YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. BOX 2703
WHITEHORSE, YUKON Y1A 2C6

November 24, 2003

Table of Contents

Table of Contents 2
Summary and conclusions 3
Introduction 3
Schedule 3
Claims 4
Location and Physiography 4
Previous work 4
2003 work program 4
Geology- Regional Scale 6
Geology- Property Scale 6
  Lithology 6
  Metamorphism 7
  Structure 7
Mineralization, veining and alteration 8
  Trenches 8
  Boulders 12
  Quartz-tourmaline hill 13
  Ravine (Caribou Creek) 13
  Other 14
  Emerald potential 14
Soil geochemistry 15
Discussion 16
Further work 17
References 17
Statement of qualifications 17
Budget 18

Figures:

1. Location map
2. Claim data
3. Regional geology
4. Trench plan
5. Compilation map

Appendices:

Appendix 1: Assay results- originals
Appendix 2: Compiled assays results
  2a: soils
  2b: rocks
Appendix 3: Statistical correlations
  3a:soils
  3b: rocks
Appendix 4: Rock sample descriptions and locations
Appendix 5: Soil sample locations
Appendix 6: Thin section descriptions
Appendix 7: grid soil map by element.

Map 1: in pocket: Geology and sample location 1:2500 scale

Summary and conclusions

A total of 18 days were spent on the Maui claims in August 2003, including mobilization to and from the property. This report describes the results of the work program that included trenching, soil sampling, prospecting and mapping.

Sampling of excavated material from trenches across mineralized quartz-arsenopyrite material returned values between 1 and 3 g/t Au, up to 637.6 ppm Ag (18.6 oz/T Ag) and up to 5.6% Zn. In Trench 2, an average of 6 samples returned 1.24 g/t Au, 162.3 ppm Ag (4.7 on/T) and 1480 ppm Bi; the average of another 12 samples returned 1.4g/t Au, 120.3 ppm Ag (3.5 oz/T) and 1135 ppm Bi.

A second zone of mineralized pyritic boulders returned values up to 3.46g/t Au. The source of these boulders has yet to be discovered. Sampling of an area of quartz-tourmaline-arsenopyrite veining assayed low in gold.

Outcrop exposed in the ravine (Caribou Creek) is pervasively silicified and is locally pyritized and displays phyllic alteration, perhaps associated with altered felsic dykes. No gold is associated with this alteration, but base metal anomalies occur in soils.

Further work is recommended to delineate the extents of the auriferous quartz-arsenopyrite mineralization and to locate the source of the auriferous pyritic boulders. The potential for emerald exploration is considered very good considering the geological environment of the property and the presence of pathfinder minerals such as fluorite and tourmaline, as well as high beryllium content in rocks.

Introduction

The Maui claims, located approximately 80 km southeast of Ross River, YT (Fig. 1), are host to gold-bearing quartz-arsenopyrite mineralization, quartz-tourmaline veining and localized intense phyllic (silica-muscovite-pyrite) alteration.

The veining, mineralization and alteration are thought to be related to the hydrothermal activity associated with a k-spar megacrystic granitic intrusion, of probable Cretaceous age, that outcrops at the northern end of the property.

The purpose of the 2003 field program was to localize the pre-existing soil grid, test and expand on the previous soil sampling, determine the geological context of the mineralization and alteration, and to document and to sample these zones systematically.

The property geology is also prospective for emerald mineralization.

Schedule

Mobilization of a 2-person crew (Jim Dodge and Danièle Héon) into the property was done by helicopter from Ross River on August 12, 2003. A third crewmember, Ron Berdahl, arrived on August 19 to do hand trenching. He left on August 24, and the rest of the crew demobilized on August 29. A total of 42 person-days were spent on the property. Dave Tupper, geologist with Solomon Resources, came for a one-day property visit on August 20.

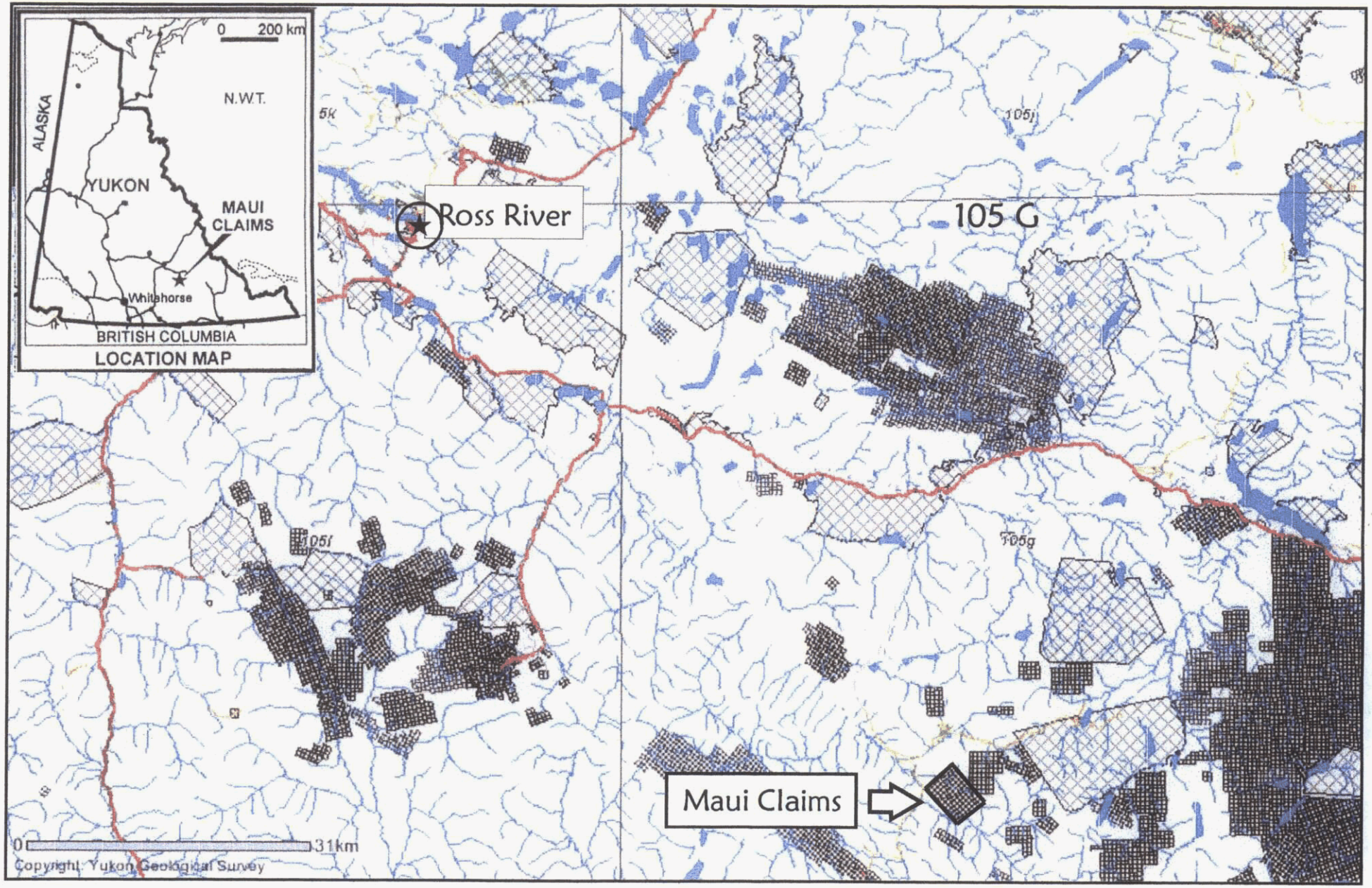


Fig. 1 Location Map

Yukon
Energy, Mines and Resources

Claim Status Report

20 November 2003

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	
MAUI 1 - 16	YB89673 - YB89688	2004/08/21	James S. Dodge	50.00	105G06	
			SOLOMON RESOURCES LIMITED	50.00		
MAUI 17 - 62	YB90561 - YB90606	2004/10/09	James S. Dodge	50.00	105G06	
			SOLOMON RESOURCES LIMITED	50.00		
MAUI 63	YB90607	2004/10/09	James S. Dodge	50.00	105G06	F
			SOLOMON RESOURCES LIMITED	50.00		
MAUI 64 - 78	YB90608 - YB90622	2004/10/09	James S. Dodge	50.00	105G06	
			SOLOMON RESOURCES LIMITED	50.00		
MAUI 79	YB90623	2004/10/09	James S. Dodge	50.00	105G06	F
			SOLOMON RESOURCES LIMITED	50.00		
MAUI 80 - 96	YB90624 - YB90640	2004/10/09	James S. Dodge	50.00	105G06	
			SOLOMON RESOURCES LIMITED	50.00		

Maui Claims

HOOLE

375000

6808000

Fig 2.
Claim Data
2003



The work was seriously hampered by bad weather. Strong winds, rain and occasional snow often limited the ability to work. For this reason, the program was extended a few days longer than what was originally planned.

Claims

The Maui claim block consists of 96 contiguous claims, numbered from 1 to 96, registered in the Watson Lake mining district . See Fig. 2 for map and claim data.

Location and Physiography

The Maui claims are located about 80 km southeast of the town of Ross River, Yukon Territory; on map sheet NTS 105 G/6. The claim block overlies a northwesterly-trending ridge directly north of the Tintina trench and the Hoole River.

Access is by helicopter from Ross River. A winter road comes to within I km of the claim block.

The property straddles a flat ridge located mostly above treeline. Elevations range between 1300 and 1700 meters. The area is characterized by poor outcrop exposure except at the edges of the ridge. Most of the rock is either subcrop or float. Thick solifluction lobes are evident on the northern slope of the ridge and indicate active downhill soil movement.

Previous work

Regional mapping for the area was done by Tempelman-Kluit in 1977. Murphy's recent mapping (2001) at 1:50:000 and continuing work in the region forms the current basis for the geological understanding for the area.

The showings on the property were found by Jim Dodge in 1996 during a reconnaissance program targeting the source of an anomalous regional silt sample. Prospecting uncovered quartz boulders mineralized in arsenopyrite, as well as a suite of pyritic boulders. Initial hand trenching and prospecting returned gold grades in the 1-to 5.8 g/t range (Dodge, 2000).

The property, then consisting of 16 claims, was optioned to Brett Resources in 1997, which conducted property-scale reconnaissance work in the fall of 1997 and the summer of 1998, and increased the claim block to 96 claims.

The company subsequently dropped its option, and Dodge, by then the sole owner, conducted hand trenching in 2002. Solomon Resources optioned the property in 2003 and is the current co-stakeholder.

2003 work program

The work program consisted of mapping, trenching, prospecting, and testing and extending the existing soil grid. A total of 139 rock samples were taken on the property, 58 of which were trench samples. A total of 130 soil samples were taken during this phase of the work, as extension of the pre-existing grid, as detailed soils around the

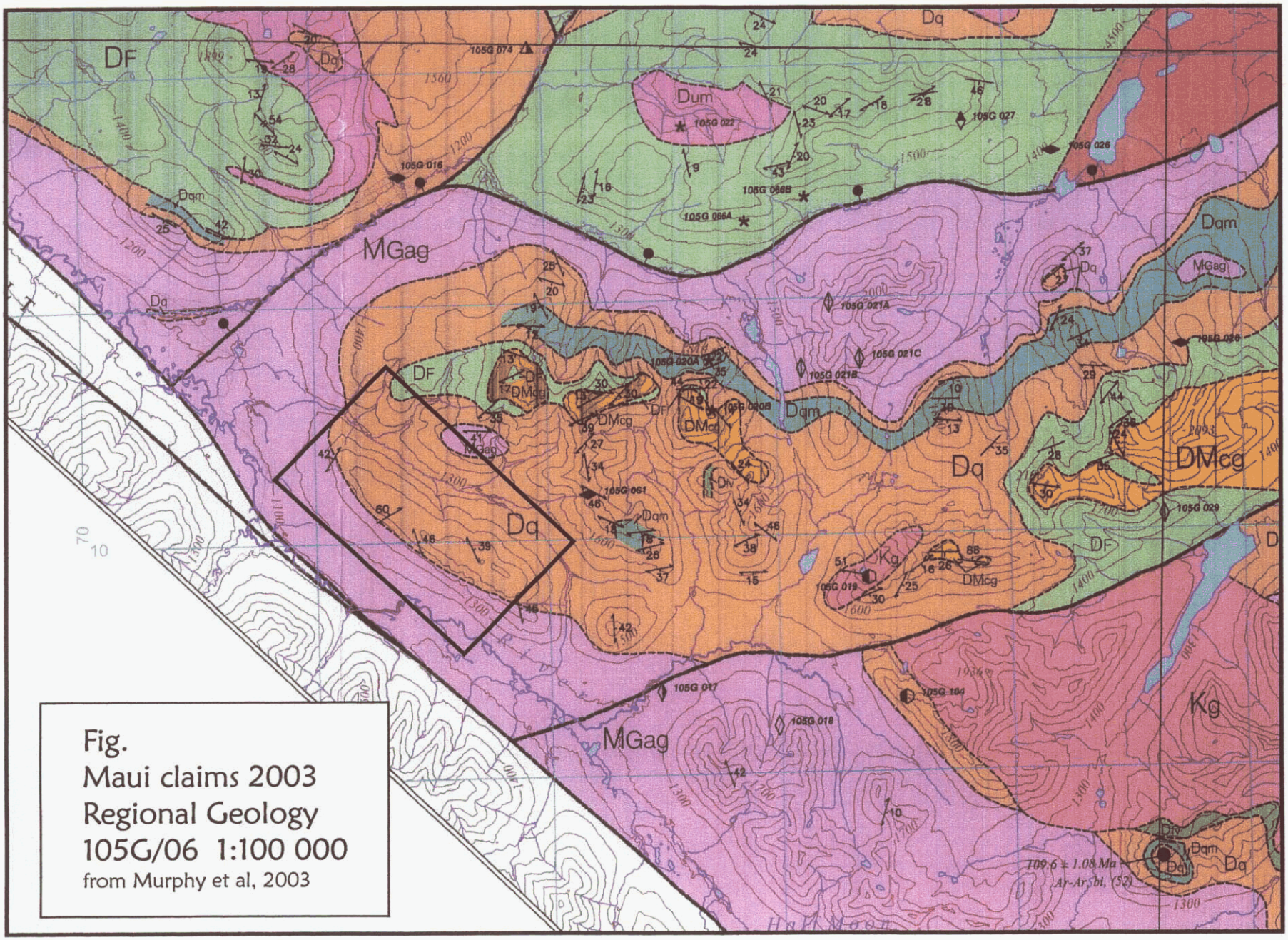


Fig.
Maui claims 2003
Regional Geology
105G/06 1:100 000
from Murphy et al, 2003

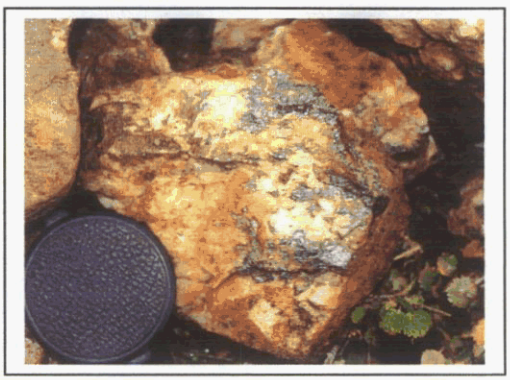
trenches, as repeats and infill samples on pre-existing grid lines, and 20 soils were taken on a reconnaissance line in the ravine.

Work was constrained to the area of and near the grid, between the base of the ravine (Caribou Creek) and the top of the ridge.

Mapping outlined the distribution of a metasedimentary package, intruded by a foliated feldspar-augen schist interpreted to be an orthogneiss. Amphibolite to leuco-amphibolite bodies are interpreted to intrude (?) the metasedimentary package, either as dykes or sills (Murphy, pers. com.). A younger (Cretaceous?) granitic body outcrops in Ptarmigan Creek at the northeastern end of the work area. All contacts outlined on the map are approximate.

Trenching consisted of new excavations in areas of mineralized boulders in the cases of Trenches 1, and deepening of previous hand excavations in the cases of Trenches 2, 4 and 5.

The excavation of Trench 4 was initiated but not completed due to time constraints.



Soil sampling was conducted using hand augers. The pre-existing grid was located in the field. It was determined that its base line (10 000E) does not correspond to the 378000E UTM line as was previously thought, but lies approximately 100m to the west of it. The GPS location of the stations on this grid was recorded when they were found. The NAD 27 grid system was used, in order to be consistent with the paper version of the published topographic map.

The pre-existing grid was extended to the south and east. At the southern end of the grid, Line 5000N was re-sampled at 12.5m in the vicinity of the trenches. Two new lines, 4975N and 5025N, were sampled in order to increase the density of sampling near the known mineralization, and to expand the grid with the objective of delimiting the extent of known soil anomalies.

Part of lines 5500N and 5600 N were re-sampled at closer spacing (25m and 12.5m), and were also extended to the east of the pre-existing grid.

Detailed soils were taken around the trenches. This sampling was done to test the presence of gold in soils in an area of known gold mineralization (Fig.4).

An additional soil line was sampled at 5425 N, west of the base line. This line intersected an area of boulders mineralized in quartz, limonite and tourmaline.

A reconnaissance soil line was sampled in the ravine (Caribou Creek) up from the flood plain of the stream, at 25m intervals. The line started downstream of the northernmost outcrop in the stream and ended at the gully leading to camp, just past the southernmost outcrop in the ravine.

Prospecting

Several types of mineralization are present on the property and were sampled during this phase of work. These include: quartz-arsenopyrite, quartz-pyrite, quartz, tourmaline, quartz-tourmaline veins and breccias, tourmaline-arsenopyrite, silicified and pyritized orthogneiss (feldspar-augen schist). Schist and vein material were examined for emeralds.

Where by Brett Resources rock sample sites were found, their location was recorded by GPS.

Assaying

Samples were sent to Acme analytical in Vancouver. Samples were initially assayed using xxxxx digestion and ICP on a 1g split. Although this method was not the best one to use, it provided better accuracy for beryllium than the standard ICP package. Re-assay of gold using XXXX dissolution and fire assay was done on all samples (marked Au** in spreadsheet). Samples grading higher than 200 ppm Ag (upper limit of detection) were re-analyzed for total Ag. It is not clear if this method of analysis is accurate for arsenic, since assays indicate many values over 1% As.

Geology- Regional Scale

The Maui claims overlie metamorphic rocks of the Yukon-Tanana terrane. Mapping by Murphy et al. (Fig.3, Open File 2001-33) show the claim block is underlain by a package of metasedimentary rocks (unit Dq, includes calcareous horizons) of pre-Late Devonian age (pre 365 Ma) intruded by unit MGag, an early Mississippian foliated augen orthogneiss (360 Ma or younger) (Murphy, pers. com). The area has been glaciated.

Geology- Property Scale

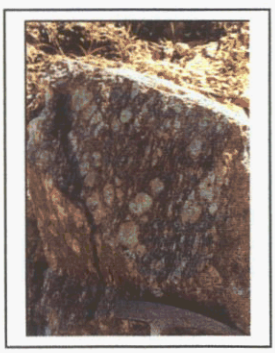
Lithology

The property is mainly underlain by a package of metasedimentary rocks that outcrop on the ridge top. Corresponding to regional unit Dq, this package is subdivided into three local subunits:

1- Quartzite, psammite, phyllitic psammite
2- Schist, mostly pelitic, consisting of quartz- muscovite +/- biotite +/- garnet; local quartz-biotite porphyroblasts. Local chloritic schist is interlayered with the more pelitic schist.
3- Tan to rusty weathering calcareous schist to marble, with gradational contacts with the other sub-units.

Compositional layering between the different lithologies is visible in the more siliceous horizons and at the contacts between calcareous and siliceous beds.

Regionally significant units, not mapped at a regional scale, were located on the property. The orthogneiss (regional unit Mgag, Mg), mapped by Murphy et al on the south side of the ridge, also occurs on the north flank. Elevation of the contacts implies a slight southerly dip. A discordant intrusive contact is assumed with the metasedimentary rocks



Exposure of the orthogneiss in the ravine show intense pervasive silicification and prominent foliation.



Regional unit Dmi, a foliated garnet-bearing leuco-amphibolite, occurs in discontinuous outcrops on of the ridge top, near the trenches exposing the auriferous quartz-arsenopyrite veins. This amphibolite is the same unit that is adjacent to the Regal Ridge emerald discovery, and is a potential source of chrome necessary for emerald formation. This amphibolite is interpreted to represent feeder dykes or sills to the boninitic basalts of the Fire Lake Formation (regional unit Df), located further up in section (D. Murphy, pers. com.)

A k-spar-megacrystic granitic intrusion, (regional unit Kg) interpreted to be of Cretaceous age, outcrops in the lower reaches of Ptarmigan Creek. It is chloritized and shows indistict grain boundaries. It appears to be cut repeatedly by a finer grained equigranular phase. A possible offshoot (dyke) of this body is interpreted to intrude the orthogneiss in the lower reaches of the ravine. One undeformed mafic dyke was located at the northern end of Caribou Creek, near the northern limit of outcrop.

Large areas are underlain by abundant float, and are mapped as such.

Metamorphism

The presence of garnet indicates upper amphibolite-grade of metamorphism. In addition, the area has been subjected to contact metamorphism from the intrusion of the Cretaceous granitic body. Calcareous rocks are metamorphosed to calc-silicate rock and marble. Locally, schist contains biotite-quartz porphyroblasts.

Structure

Compositional layering is observed on top of the ridge but not elsewhere on the property, which limits structural interpretation. The metasedimentary package generally strikes northeasterly, with a moderate dip to the southeast. Small east- and west-verging parasitic folds are observed in the siliceous part of the sequence, at the eastern end of the work area.

Foliation in the metasedimentary rocks is locally wavy and in place disrupted by a later crenulation foliation. Tourmaline veinlets locally coat these crenulation surfaces. The orthogneiss is strongly foliated and the feldspar augens locally define a weak lineation.

The ravine (Caribou Creek) is obviously the locus of silica alteration and pyrite mineralization (see next section). This zone appears to be strongly linear but this may be due to a topographic effect as the paucity of outcrop outside the ravine is in sharp contrast to the abundance of outcrop in the creek. This zone may very well follow the direction of the creek, but outcrop outside the creek would be needed to confirm this. Although no direct evidence of faulting has been observed in the ravine, a strong steepening of the foliation is noted in the bottom of the upper reaches of the ravine. Thin section description of altered samples notes evidence of micro-brecciation. The area of the ravine is interpreted as a corridor of alteration and deformation (shearing?).

Veining and brecciation are interpreted to occur in a deformational and thermal setting related to the emplacement of the Cretaceous granitic body.

Mineralization, veining and alteration

Several zones of interest were sampled on the property. The main goal of this program was the trenching of the quartz-arsenopyrite vein material located at the top of the ridge. Other zones of interest include the pyritic boulders located near camp, a zone of quartz-tourmaline-arsenopyrite veining at the top of the ridge, and the pervasively silicified and locally pyritized exposure of orthogneiss in the ravine.

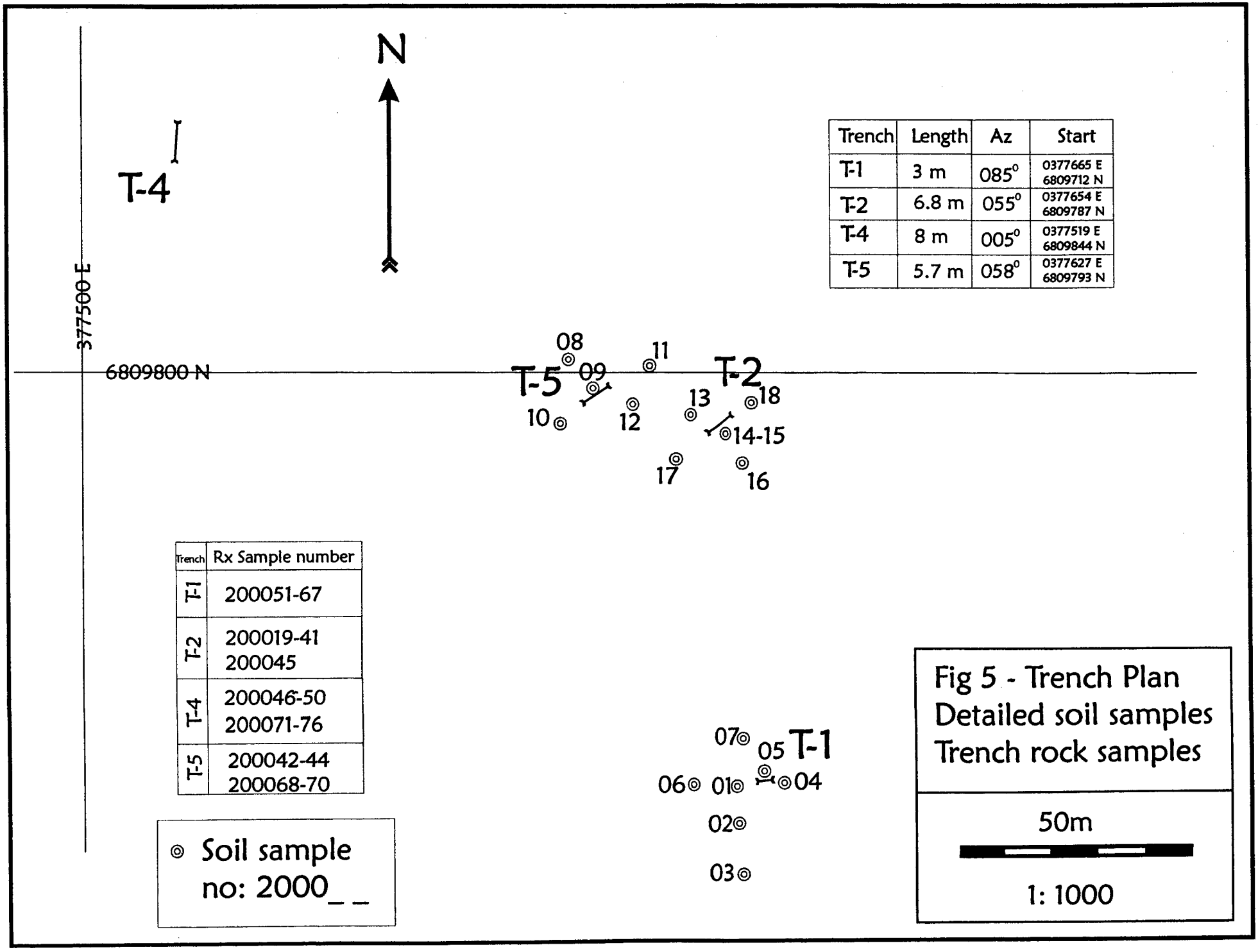
Trenches

The 2003 trenching followed up on previous hand trenching and sampling by J. Dodge. Three trenches (T-1, -2 and -5) were dug in areas of mineralized quartz-arsenopyrite vein material (see Figs. 4 and 5). A fourth trench (T-4) was started but not completed.

Trench 2 is the only one where the mineralized quartz is definitely in outcrop, at least in the beginning of the trench.

Trenches- Significant results

T-1 **17 samples**	➢ Four samples between 1 and 1.8g/t Au, clayey material ➢ Five samples between 1 and 5.6% Zn, quartz-asp veins ➢ Low Ag	➢ Asp, sph, py ➢ High Be and Bi, low Pb ➢ Anomalous Sn and W.
T-2 **18 reliable samples** + 6 marginal ones (not included)	➢ Reached bedrock ➢ 11 samples between 1 and 3.06 g/t Au ➢ 19 samples between 10 and 637.6 ppm Ag (18.6oz/T Ag), including 8 samples > 100ppm Ag ➢ 6 samples (JD) averaged 1.24 g/t Au, 162.3 ppm Ag (4.7 on/T) and 1480 ppm Bi ➢ 12 other samples (DH) averaged 1.4g/t Au, 120.3 ppm Ag (3.5 oz/T) and 1135 ppm Bi.	➢ Discontinuous chip samples, weighted average: 2.27g/t Au over 2.2m ➢ Up to 1.3% Zn ➢ Up to 0.9% Pb ➢ High Bi (>2000 ppm) ➢ Anomalous Be, W
T-4 **11 samples**	➢ 503 ppb Au ➢ High Be (>200 ppm) ➢ High Bi (>600 ppm)	➢ Excavation and sampling incomplete ➢ Anomalous Sn, W and Zn
T-5 **6 samples**	➢ Up to 1244 ppb Au and 24.6 ppm Ag ➢ High Bi (>1500 ppm)	➢ High Be (>100 ppm) ➢ Anomalous Sn and W ➢ contains pyrite



Trench	Length	Az	Start
T-1	3 m	085°	0377665 E 6809712 N
T-2	6.8 m	055°	0377654 E 6809787 N
T-4	8 m	005°	0377519 E 6809844 N
T-5	5.7 m	058°	0377627 E 6809793 N

Trench	Rx Sample number
T-1	200051-67
T-2	200019-41 200045
T-4	200046-50 200071-76
T-5	200042-44 200068-70

◎ Soil sample no: 2000_ _

Fig 5 - Trench Plan
Detailed soil samples
Trench rock samples

50m

1: 1000

In Trench T-2, vertically banded sulphide was seen parallel to the direction of the trench but the dimension, direction and continuity of the mineralized quartz body is still undetermined, as the trench starts and ends in quartz. Original sampling of T-2 by J. Dodge in 2000 assayed up to 5.8g/t Au.

In trenches T-1 and T-5, abundant quartz material has been excavated, but the quartz appears to be fractured, perhaps slightly displaced by surface processes. It is probably close to being in place but clay seams line individual blocks and no solid bedrock was encountered.

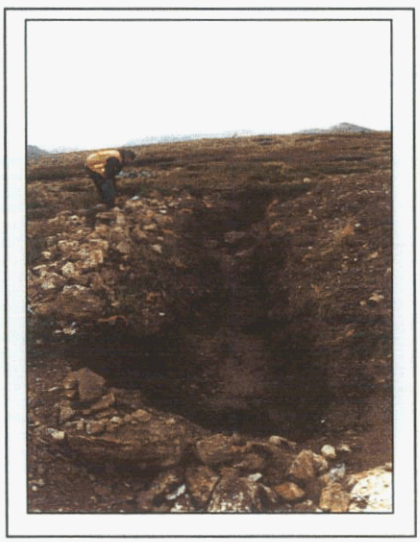
The mineralization in the trenches is characterized by heterogeneous amounts (1-20%) of massive to granular of arsenopyrite in stringers, pods and bands, in white to yellow quartz, with local scorodite staining. In addition to arsenopyrite, fine-grained sphalerite and pyrite occur in T-1 and T-5, and pyrite and sphalerite occurs in trace amounts in T-2. The presence of sulphosalts in T-2 is proposed from thin section work. Light grey or brown tourmaline has been observed.

Arsenopyrite is locally banded (one vertical band in T- 2 trends parallel to the trench direction), with thinner tangential bands anastamosing into thicker bands. Thin section descriptions (Appendix 6) interpret a cataclastic texture in the quartz. Some deformation, probably shearing, is suggested by this and by one observation of an apparent folded sulphide band as well as disrupted sulphide bands. Drusy quartz ± limonite cross cuts some of the trenches. Some samples display textures suggesting replacement of the host schist, which is locally mineralized with arsenopyrite. Some faulting is inferred from the presence of clay-rich pods, locally containing (mineralized) quartz fragments.

Sampling of excavated material from trenches across mineralized quartz-arsenopyrite material returned values between 1 and 3 g/t Au, up to 637.6 ppm Ag (18.6 oz/T Ag) and up to 5.6% Zn. From T- 2, an average of 6 samples (samples 200025 to 30) returned 1.24 g/t Au, 162.3 ppm Ag (4.7 on/T) and 1480 ppm Bi; average of another 12 samples (200031 to 45) returned 1.4g/t Au, 120.3 ppm Ag (3.5 oz/T) and 1135 ppm Bi. The following table lists the most significant trench assays. A complete assay list is found in Appendix 2b.



T-1



T-2



T-5

Significant trench assays

Sample		Ag	Au**	Be	Bi	Cd	Pb	Sn	W	Zn
		ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
200051	T1	0.5	91	2	28	**517.2**	5	16	24	**13447**
200054	T1	2.3	**1600**	**149**	***526***	5.4	7	**69**	**115**	362
200055	T1	0.9	138	1	53	**1010.3**	6	26	56	**37524**
200056	T1	2.4	**1790**	***24***	***589***	8.2	17	**63**	2	380
200058	T1	0.25	187	1	29	**1319.5**	2.5	16	2	**56470**
200060	T1	12.9	**1165**	8	**880**	**604.3**	97	**111**	**200**	**16110**
200062	T1	0.5	163	4	36	115.9	2.5	33	**101**	**4353**
200063	T1	3.4	**1133**	14	***294***	2.6	19	**66**	2	95
200065	T1	3.8	**391**	7	***217***	**214.2**	51	**66**	**200**	**5646**
200067	T1	1	117	6	35	**398.6**	2.5	48	23	**12687**
200025	T2	**36.3**	**646**	7	***566***	68.8	208	16	**200**	**1411**
200026	T2	**112.6**	**774**	3	**1143**	103.5	**918**	15	**200**	**2454**
200027	T2	**89.5**	**1350**	5	**1013**	97	**1399**	12	**200**	**1755**
200028	T2	**169.4**	**636**	7	**1225**	**230.1**	**3067**	15	**152**	**4700**
200029	T2	**189.1**	**1565**	10	**1616**	**242.3**	**3756**	21	84	**4892**
200030	T2	**214.4**	**1232**	12	**1838**	**383.3**	**4262**	28	24	**9850**
200031	T2	12.5	220	8	181	43.2	149	18	**200**	561
200032	T2	**26.6**	**1593**	16	**1251**	86.8	312	22	**200**	**1272**
200033	T2	**54.8**	**3090**	**34**	**1353**	**214.4**	**951**	19	**200**	**6320**
200034	T2	**637.6**	**1743**	14	**2000**	**251.8**	**8966**	32	**200**	**2661**
200036	T2	**202.8**	**859**	**27**	**2000**	**573.5**	**3450**	20	40	**13423**
200037	T2	**143.1**	**1163**	**26**	**1823**	**376**	**2322**	15	18	**10209**
200038	T2	**243.7**	**580**	12	**1651**	**335.9**	**4172**	15	25	**7909**
200039	T2	**69**	**3069**	2	**1356**	**138.2**	**1038**	11	20	**2682**
200041	T2	5.3	**1497**	3	***691***	61.1	50	11	2	**1281**
200045	T2	**36.7**	**1578**	12	***773***	58.6	**535**	15	**200**	**1110**
200044	T5	**24.6**	**1244**	**21**	**1767**	38.9	363	**135**	37	554

Most trench samples contain more than the 1% upper detection limit for arsenic and those samples have not been re-analyzed for total arsenic. Samples that graded more than the detection limit for silver (200 ppm) were re-analyzed for total silver.

T-1 cuts through mineralized quartz veins and alteration haloes in schist. Rocks are jumbled, frost-heaved (?) so it is not clear what is in place. Orange and red clay weathering/alteration surround mineralized quartz blocks. Mineralization consists of arsenopyrite pods and stringers, very fine-grained sphalerite pods and disseminated pyrite cubes. Sulphides locally occur along fractures, perhaps replacing foliation in the schist host rock. Accessory minerals include chlorite, tourmaline as well as a light green alteration and light green mica. A late white bull quartz vein cuts the mineralized zone at the end of the trench.

In T- 1, the richest in sphalerite, samples high in Zn are remarkably low in Au. Most of the gold values in T-1 (samples 200054, 56, 63) come from samples characterized by white or greenish clayey material; sometimes mottled, with a frothy appearance caused by fine boxwork texture (weathered-out pyrite?) and that locally include quartz-

arsenopyrite pods or fragments. It' s the hard, massive quartz-arsenopyrite-sphalerite material that assays highly in zinc, up to 5.6 %. Only one sample, no. 200060, assayed anomalous silver at 12.9 ppm. All other T-1 samples are very low in Ag, in marked contrast to samples from T- 2 and -5.

T-2 is the only trench that reached outcrop, at least for the first 3 meters, and is the trench that shows the most consistent gold assays. Some possible frost heaved blocks, associated with a sooty "organic?" horizon and seams of mud between quartz blocks occur further down the trench.
The quartz-arsenopyrite material is quite consistent throughout the trench, showing variation in texture and in sulphide content, but not in mineralogy. One sample suggests that the mineralized quartz may be cutting earlier quartz.



Some tourmaline needles were observed as well as fine-grained sphalerite in trace amount. Some dark red clayey alteration is found at the end of the trench.



T-5 excavates jumbled material, unclear if in place. The wall of the trench show curved pods of clayey altered material that include quartz. The quartz-arsenopyrite material in this trench is rusty, cut by dirty fractures and sulphides are corroded. This is in marked contrast to the clean quartz and arsenopyrite of T-2, less than 30m away. This quartz does not appear to carry gold.

One sample grading 1.24g/t Au (#200044) consists of a pod of yellowish-grey clay alteration, reminiscent of the gold-bearing clayey material of T-1. This sample also assayed 24.6 ppm Ag.

The variation in chemical signature between the different trenches may be explained in part by mineralogical differences, as T-1 is rich in sphalerite and pyrite is common, T-2 contains both phases in trace amounts, and T-5 is altered and corroded. The control on gold mineralization is not well understood.

All trench samples show high correlations between **Ag/ Bi, Ag/ Pb** and between Bi/Pb (see Appendix 3c). In addition, T-2 samples show very high correlation between Ag/Cu, and Ag/Sn (even though Cu and Sn values are low); those of T-4 show high correlation between Ag/ Cd, and Ag/Zn while T-5 samples show a very high correlation between Au/Pb, Ag/Au. T-1 is the only one to show a strong Au/Bi correlation.

Although arsenic values are very high in all trench samples, correlation of different elements with arsenic is meaningless, since most values are fixed at >9999, above the upper detection limit.

A small new quartz-arsenopyrite vein was traced to near-outcrop by prospecting (03DH-120). Although returning a low gold value, bismuth (243 ppm) and beryllium (817 ppm) values were high.

Trench sample types

Trench	*Sample numbers*	*Sample type*
T-2	200019 to 200024	Excavated fine material, muck and pebble-sized fraction on NW berm. Not considered reliable.
T-2	200025 to 200030 200045	Excavated large quartz-asp blocks on SE side. Size of sample (~5kg) is proportional to size of block
T-2	200031 to 200033	Chip and discontinuous chip sample in trench
T-2	200034 to 200041	Grab samples of excavated material from trench
T-5	200042 to 200044	Rough chip sample in trench
T-5	200068	Grab sample in trench
T-5	200069 to 200070	Grab samples of excavated material from trench
T-1	200051 to 200053	Rough chip in trench
T-1	200054	Grab sample in trench
T-1	200055 to 200067	Grab samples of excavated material from trench
T-4	200046 to 200050 200071 to 200075	Grab samples of excavated material from trench

Boulders

Several zones of mineralized boulders have been sampled. Most of these boulders lie in or near the topographic depression between the ridge top and the ravine, in areas of prominent solifluction lobes and no outcrop. The source of these boulders has not been found, but is interpreted to be proximal and uphill.

Significant boulder assays

Sample	Ag ppm	As ppm	Au** ppb	Bi ppm	Cu ppm	Sn ppm	W ppm	Co ppm
200100	0.5	**9999**	**927**	***126***	30	21	2	2
200101	0.8	**9999**	**929**	***179***	27	28	9	2
200103	0.7	**9999**	**664**	***140***	29	27	10	11
200104	1.1	**9999**	**3466**	***506***	**346**	15	9	**106**
200105	1.3	**9999**	**1413**	***507***	**339**	17	8	51
200106	0.25	**9999**	**1044**	***200***	**146**	21	**186**	31
200114	0.25	**9999**	**342**	90	12	10	76	5
200118	**66.5**	**9999**	**1161**	**1090**	10	**61**	13	1

Two separate zones assayed higher than 1g/t Au and another returned values just below 1g/t Au. All auriferous samples contained greater than 9999 ppm arsenic (upper detection level) and were also highly anomalous in bismuth .

The first zone consists of a train of rusty pyritic boulders located near camp (samples 200104, -105, -106) measuring more than 70 cm in diameter. Three assays range between 1 and 3.4 g/t Au, with anomalous copper and cobalt. Samples –104 and –105 come from two separate boulders of banded pyrite- arsenopyrite- quartz- (>50% sulphides), with tourmaline and trace chalcopyrite visible in thin section; sample 106 is described as patchy arsenopyrite in oxidized quartz vein. These boulders had been previously sampled by J. Dodge and had returned assays between 2 and 3.2 g/t Au.

The second zone, located further uphill, in the drainage, contains one sample (200018) that grades 1.16 g/t Au, 66.5 ppm Ag and 1090 ppm Bi. Mineralization consists of a foliaform arsenopyrite band in highly altered quartz-biotite schist.

The discovery of the third zone prompted the sampling of a soil line traversing that zone, at line 5425 N. Rock samples 200100, -101 and –103 assayed between 600 and 929 ppb Au. They contain up to 3% disseminated arsenopyrite in white quartz.

These boulders indicate that vein mineralization, with a different signature than that found in the trenches, has yet to be discovered in place on the property. The genetic relationship between the pyritic boulders and the arsenopyrite-mineralizing event is not understood.

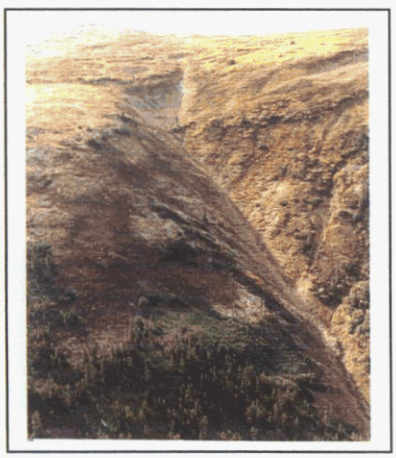
Quartz-tourmaline hill



A zone of quartz, tourmaline and arsenopyrite veining in quartzites and psammites, measuring approximately 200mX100m, is informally called "quartz-tourmaline hill". Located near the rock cairn on the ridge crest, this area is characterized by a strong arsenic soil anomaly, and high arsenic content in rock, but no gold mineralization has been found to date.

Tourmaline occurs in veinlets as well as in massive veins and quartz tourmaline veins and breccias that form a NNE –trending corridor with arsenopyrite in tourmaline veins and in selvages. Arsenopyrite is common on crenulation or fracture cleavage planes, in tourmaline veinlets or in selvages.

Ravine (Caribou Creek)



In the ravine, altered silicified bleached and rusty feldspar augen schist (orthogneiss) show clear (granular in thin section) quartz banding parallel to foliation and local silica flooding. Milky and clear quartz veining crosscuts the foliation.

Two zones or corridors of stronger alteration are mapped. The altered rock is greenish, fine-grained, sericitic, with 2-5% disseminated fresh pyrite cubes. In places, the gneissic/schistose texture is still visible through the alteration, but in other instances, the fine-grained, green massive and pyritic material is in sharp contact with the

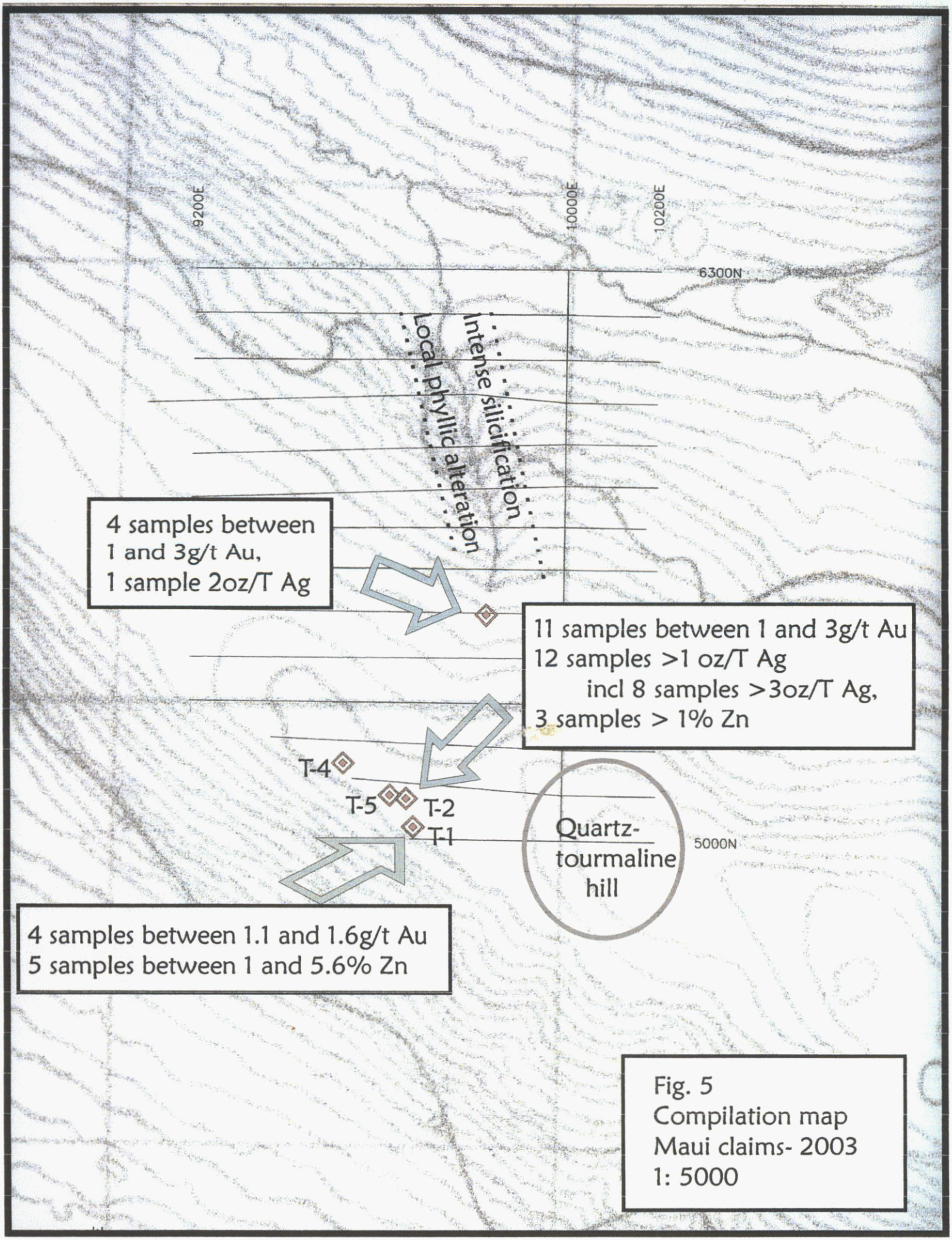


Fig. 5
Compilation map
Maui claims- 2003
1: 5000

foliated rock. Where massive, this greenish rock could also represent vein or fine-grained felsic (aplitic) dyke material. This latter interpretation would be another link between the (Cretaceous) intrusion and the alteration visible in the ravine.

Near the bottom of the ravine, the orthogneiss contains pyrite on fractures and disseminated throughout. None of the 2003 sampling returned any significant gold values. Previous sampling by J Dodge returned values in the 2 to 3.3 g/t Au range and has not been duplicated. Sampling by Brett Resources outlined lead mineralization that has not been confirmed during this work phase.

Other

Tourmaline veining, thought to be associated with the emplacement of the Cretaceous granitoids, has been observed in several other areas on the property. Prospecting around the site of the 165 ppb Au anomaly, at the western end of L5500N, uncovered chloritic schist and some bull quartz +/- tourmaline. Tourmaline veining is also observed south of the trenches, on the cliffy outcrops on the southern flank of the ridge. Attitudes vary from W to NW strike, with moderate dips to the NNE. Veinlets and veins fill crenulation planes and extensional fractures.

Emerald potential

Although no emeralds have been found to date, the geological environment on the property is considered to be very favourable. Recent information coming from the Regal Ridge property indicate that the coincidence of a fractionated felsic magma, mafic rocks (and ultramafic) as a source of Cr, the presence of tourmaline, fluorite and pegmatites (indicative of advanced fractionation) along with quartz veining, high beryllium and tungsten and tin anomalies are important signs of a favourable environment for emerald crystallization.

On the Maui claims, most of these conditions are met.

- A Cretaceous intrusion is providing the thermal and hydrothermal engine responsible for the different types of mineralization found on the claims; tourmaline, related to this intrusion, is common on the property.
- Amphibolites, acting as feeders to mafic volcanics further up-section, may be a potential source of chrome. Two amphibolite samples were analyzed for chrome, and returned values of 93 ppm (Cr, partial digestion) and 100 ppm (Cr_2O_3, total digestion). Regionally, chromium values for chloritic schists (metamorphosed boninitic basalts, a potential source of chrome) range between 85 and 1600 ppm (Don Murphy, pers. com). Amphibolite from the property are therefore within, if at the low end, of that range. A total of 17 other rock samples, not amphibolites, assayed (partial digestion) between 80 and 117 ppm Cr. Previous sampling from Brett Resources returned numerous assays between 100 and 300 ppm Cr.
- Chloritic schists have been observed on the property.
- Quartz (-tourmaline) veins are common and quartz-feldspar veins have been observed. One sample (03DH-150) contains tourmaline sprays and purple and blue (?) fluorite in altered orthogneiss or fine-grained intrusive rock.
- Beryllium values in rocks are very high. Six samples graded more than 100 ppm Be, including on sample containing 817 ppm Be (03DH-120). Perhaps this sampled contained beryl or beryllium micas. All the samples except one with >20 ppm Be are from the trenched area.
- Rock geochemistry indicates anomalous Sn and W values. 19 samples assayed > 200 ppm W (upper detection limit).

All these factors indicate that the Maui claims form an excellent target for emerald exploration.

Soil geochemistry

The pre-existing grid was extended to the south and east. At the southern end of the grid, Line 5000N was re-sampled at 12.5m in the vicinity of the trenches. Two new lines, 4975N and 5025N, were sampled in order to increase the density of sampling near the known mineralization, and to expand the grid with the objective of delimiting the extent of known soil anomalies. This resulted in the infilling of the strong arsenic anomaly near the trenches, the outline of a strong As anomaly near the baseline, and two new spot Au anomalies ate the southeastern end of the grid. The arsenic and gold anomalies therefore remain open to the south.

Part of lines 5500N and 5600 N were re-sampled at closer spacing (25m and 12.5m), and were also extended to the east of the pre-existing grid. This in effect extending the existing arsenic anomaly to the east, where it remains open. L5600 included a few samples anomalous in gold.

Detailed soils were taken around the trenches. This sampling was done to test the presence of gold in soils in an area of known gold mineralization (Fig.4). Out of 18 samples, only four graded 10 ppb Au or higher. The actual results were 9.9 and 10.4 ppb (both right on top of T-2), 12.3 ppb (right on top of T-1), and 64.6 ppb Au right on top of T-5. None of the other samples, taken at 5 to 10m spacing, gave any results greater than 5.2 ppb Au. This exercise was very enlightening as it showed that only very low gold values were detected, and only exactly on top of the mineralization. For some reason, the gold in the rocks is not breaking down and traveling in the soil profile. Arsenic (which is associated with the mineralization) has a much more normal dispersion pattern.

This indicates that arsenic anomalies can define broad targets for auriferous quartz-arsenopyrite veining and that any gold value above background has the potential to indicate gold mineralization in rocks. So gold soil geochemistry can be used only if samples are very tightly spaced and no gold anomaly is ignored.

An additional soil line was sampled at 5425 N, west of the base line. This line intersected an area of boulders mineralized in quartz, limonite and tourmaline that assayed close to 1g/tAu in rocks. A few weak gold anomalies were found on this line, and should be investigated as whether they may indicate the source of the mineralized boulders.

A reconnaissance soil line was sampled in the ravine (Caribou Creek) up from the flood plain of the stream, at 25m intervals. This was to add to the density of sampling provided by the grid. The recce line started downstream of the northernmost outcrop in the stream and ended at the gully leading to camp, just past the southernmost outcrop in the ravine. One sample assayed 10.8 ppb Au, coincident with a Bi anomaly. Although very low in gold, most of the soils in the ravine were anomalous in Pb and Zn.

It is significant to note that there was no anomalous silver in soils, even in those samples that overlie silver-rich rocks.

Spotty gold anomalies that remained unexplained should be investigating by trenching. As soils don't seem to reflect gold mineralization in rocks, arsenic is used as a good pathfinder to gold, but is by no means exclusive as not all arsenic is associated with gold on this property. Arsenic values, with a median of 318 ppm in soils, are high. Future soil sampling should be conducted at very closed spacing.

See Appendix 2a for soil assays and Appendix 7 for soil maps.

Discussion

The various types of mineralization on the Maui claims are related to the thermal, hydrothermal and possibly structural effect of the emplacement and cooling of a Cretaceous granitic body.

Multi-stage activity is evident in the different styles of veining and associated mineralization, which may be also influenced by the rheology and chemistry of the different host lithologies. Rock geochemistry, highly anomalous in arsenic and bismuth, and anomalous in tungsten and tin, with local highs of gold and silver, has an intrusive-related signature.

Bull quartz, both concordant and discordant to foliation, is present throughout the work area. Different fluid pulses may be responsible for quartz mineralized in arsenopyrite as some is mineralized in gold ± silver ± zinc while other, associated with black tourmaline, is not. The control on gold is not understood. The presence of grey-green tourmaline in the gold-bearing trench area is in contrast to the black tourmaline zones that do not carry any gold. This may be further evidence that gold mineralization was linked to a specific mineralizing event in the evolution of magmatic emplacement.

The auriferous veins cut and replace schistose rocks while the quartz-tourmaline-arsenopyrite mineralization is found in psammitic rocks, much more brittle than the schists. Calcareous rocks don't seem to be favoured or avoided, carbonate float is found near the different types of mineralization. Orientation of the veining in trenched area is still unclear.

Whether the arsenopyrite-bearing auriferous quartz and the massive-pyrite bearing quartz represent zoning in the mineralizing system or separate episodes of mineralization is not yet understood.

The silicification in the ravine may be related to the Cretaceous intrusion, but it is capped by the metasedimentary package and does not appear go through it. It seems constrained to the linear feature outlined by the creek and may be the result of an earlier deformational and altering event. The relationship between the silicification, the phyllic alteration and the veining at the top of the ridge is still a matter of conjecture. The phyllic alteration itself may be the result of fluids from the intrusion, whether as an alteration front, or as very fine-grained intrusion. The linear feature formed by the ravine may mark early deformation and ground preparation, therefore facilitating alteration and pyrite mineralization, or may be also related to the Cretaceous magmatic activity.

Soil geochemistry is limited in its ability to outline gold mineralization. Arsenic is used as a pathfinder, even spotty low-grade gold soil anomalies may be indicative of gold mineralization in outcrop.

Challenges on the property include the lack of outcrop and the active soil creep on the north-facing flank. Detailed soil sampling and Kubota trenching of spotty gold anomalies should help further delineate gold (-silver) mineralization.

Further work

Geophysics to outline structure.

Kubota trenching is recommended to determine the direction and continuity of mineralized veins, and determine source of mineralized boulders.

Expansion of the soil grid is recommended to constrain the extent of soil anomalies, especially to the south and east of the existing grid, with very close-spaced sampling in areas of interest.

References

Dodge J., 2000, Abridged geology, Maui Claims, Intrusive related gold-polymetallic sulphides,

Tulk L. and Tupper T.L., 1998, Report on geological and geochemical surveys on the Maui property, Yukon Territory, Brett Resources.

Murphy, D.D., Colpron M., Gordey S.P., Roots C.F., Abbott G. and Lipovsky P.S., 2001, Preliminary bedrock geological map of northern Finlayson Lake Area (NTS 105G), Yukon Territory (1:100 000 scale), Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 2001-33.

Statement of qualifications

I, Danièle Héon, residing at 12 Marigold Place, Whitehorse, Yukon Territory, Y1A 6A2,

- Have graduated from McGill University in 1983 with a Bachelor of Sciences in Geology
- Have worked as a geologist for over 20 years. My work experience is in the Cordillera (BC, Yukon and Alaska) and in eastern Canada, in mineral exploration and for government. I have been employed with, or contracted by, the following mineral exploration companies and government agencies:
  Vior-Mazarin, Noranda Exploration, Placer Dome Exploration, Yukon Government: Department of Economic Development (Canada-Yukon Geoscience Office- Yukon Geology Program), Indian and Northern Affairs Canada, Northstar Exploration, Aurchem, Copper Ridge Explorations, Yukon Chamber of Mines, as well as several small junior exploration companies.
- Hold no interest in the Maui property
- Have participated in the fieldwork described in this report, of which I am the first author
- Am a member of the Geological Association of Canada and of the Yukon Chamber of Mines

RECOMMENDATIONS

1. Hand blast trenches to bedrock as:

    a) extensions of Trenches #1 and #2

    b) trenching at several overburden sites between Trenches #1 and #2

    c) trenching up-slope near the high-grade boulders above the 2003 campsite

2. No further geochemical soil sampling can be recommended in light of paucity of geochemical anomalies immediately overlying trench bedrock with rock samples carrying up to 5gm Au and 20ozAg.

3. Further detailed prospecting for emeralds is recommended in the cirque area east of the tourmaline-healed breccia of the 'ridge' zone.

STATEMENT OF QUALIFICATIONS

I, James S. Dodge, P.Eng , do hereby certify that:

a) I am a consulting Professional Engineer residing at 12 Marigold Place, Whitehorse, Yukon Territory, Y1A 6A2

b) I am a graduate of Missouri School of Mines (USA), B.Sc. 1941, mining engineer.

c) I am a graduate of Leland Stanford University (USA), M.Sc.1951 economic geologist

d) I have practised my profession since 1939 in the mining industry as prospector, miner, military engineers, mining geologist, mine operator, and consultant to major mining companies and governments in North and South America, Japan, Europe, and North and Southern Africa'

e) During the period 12-29 August, 2003 I carried out 18 days of field work on the MAUi claims in conjunction with Daniele Heon the senior author of this assessment report.

f) During this period I was 50% owner of the Maui 1-96 claims property. I do not hold shares in Solomon Resources Limited which at the time was co-owner of the property.

g) I am the co-author of the report entitled "Geological Report 2003 Fieldwork on the MAUI Claims, Watson Lake Mining District, Yukon Territory " by Daniel Heon B.Sc. and James S. Dodge, M.Sc.P.Eng.

h) I am a member of the Association of Professional Engineers of the Yukon Territory, and am a Fellow of the Society of Economic Geologists.

Dated at Whitehorse, Yukon Territory this 25th day of July, 2004:

James S. Dodge, P.Eng.

PROFESSIONAL ENGINEER
YUKON TERRITORY
JAMES S. DODGE

PERMIT TO PRACTICE
Signature James S. Dodge
Date 25 July 2004
PERMIT NUMBER: P0097
Association of Professional Engineers of Yukon

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WHITEHORSE, YT
GOVERNMENT OF YUKON

Statement of Expenditures

Work Completed on MAUI 1-16 Mineral Claims
During Period 21-29 August, 2003

1. Labour

Consultants

dHeon - geologist	7 days @ $400/day	$ 2,800	
jDodge-geologist	4 days @ $400/day	$ 1,600	
rBardahl -trencher	4 days @ $250/day	$ 1,000	
			$ 5,400

2. Transportation

Helicopter - TNH demob 2 hrs @ $1200/hr	$ 2,400

3. Assays

ACME Labs 50 rock/soil samples @ $23/sample	$ 1,150

4. Communications

Globalstar Sat-phone rental	$ 180

5. Field Expendables

Food, fuel, blasting fuse, flagging, lath	$ 410	
		$ 9,540

James S. Dodge
Professional Engineer YT

PROFESSIONAL ENGINEER
YUKON
JAMES S. DODGE
TERRITORY

29 August, 2004

PERMIT TO PRACTICE
Signature James S. Dodge
Date 30 August 2004
PERMIT NUMBER: PP097
Association of Professional Engineers of Yukon

Summary of Expenditures on Maui Claims 2003

1. Labour

	#Mandays	Cost	Cost + 7%GST
Consultant			
Daniele Heon-geologist	23	$9,400	$10,058
Ron Bardahl-prospector	5	$1,050	$ 1,124
James Dodge-geologist	19	NC	NC

2. Assays

ACME soil/rock assays	$5,699	$5,699 (included)
Vancouver Petrographics	$1,371	$1,371 (included)

3. Camp Supplies

Satellite Telephone rental/calls	$642	$642 (included)
Explosives	$200	$214
Maps/field expendables	$180	$180 (included)
Food	$578	$578 (included)

4. Transportation

Helicopter - Trans North	$11,162	$11,162 (included)

5. Freight

Sample Shipment- Can Freightways	$269	$269 (included)

Total Cost Applicable to Maui Claims **$31,297**

Dates of Field Work 06 to 29 August, 2003

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Solomon Resources File # A304322 Page 1

900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
SI	<2	7	16	18	.5	<2	<2	22	.14	<5	15	<4	<2	155	<.4	<5	10	2	7.63	.011	3	4	.13	149	.03	1.09	10.70	.19	<4	85	3	3	<2	<1	<1
C 200019	<2	19	121	554	16.7	26	13	628	4.58	9203	<10	<4	10	306	36.5	<5	235	62	1.85	.040	33	74	.83	390	.21	6.33	.54	2.19	>200	6	79	12	7	30	8
C 200020	<2	17	105	525	10.4	22	11	535	4.10	6199	<10	<4	9	319	22.0	<5	135	54	1.24	.035	32	66	.77	355	.19	6.08	.55	1.87	169	3	36	11	5	14	8
C 200021	<2	23	122	736	9.4	28	14	732	5.05	7001	<10	<4	10	314	27.2	<5	127	71	1.64	.043	32	86	.99	425	.24	7.07	.60	2.36	73	5	55	14	7	19	9
C 200022	<2	14	225	744	14.9	20	10	444	4.36	>9999	13	<4	4	233	42.2	<5	236	44	1.20	.030	33	58	.61	338	.15	4.85	.37	1.74	148	5	54	11	5	23	6
C 200023	<2	21	207	1198	10.9	33	16	645	5.29	>9999	<10	<4	7	328	67.9	<5	214	67	1.69	.041	34	77	.92	426	.21	7.11	.51	2.60	110	4	88	13	5	40	8
C 200024	<2	26	108	1221	7.0	35	16	723	5.35	>9999	15	<4	10	299	44.5	<5	308	68	1.76	.042	36	81	.98	469	.24	7.04	.49	2.65	>200	7	91	13	7	31	8
C 200025	<2	6	208	1411	36.3	<2	4	128	3.33	>9999	14	<4	4	46	68.8	<5	566	9	1.19	.006	5	21	.06	49	.02	.45	.04	.15	>200	<2	16	3	<2	7	1
C 200026	<2	14	918	2454	112.6	<2	<2	39	3.00	>9999	<10	<4	4	34	103.5	<5	1143	3	.34	.003	2	21	.02	18	.02	.23	.01	.09	>200	<2	15	<2	<2	3	<1
C 200027	<2	4	1399	1755	89.5	<2	2	42	3.77	>9999	<10	<4	<2	38	97.0	<5	1013	2	.29	.003	3	21	.02	27	<.01	.22	.01	.07	>200	<2	12	<2	<2	5	<1
C 200028	2	6	3067	4700	169.4	<2	<2	29	4.64	>9999	<10	<4	4	56	230.1	<5	1225	2	.80	.003	5	19	.02	32	<.01	.23	.02	.11	152	<2	15	3	<2	7	<1
C 200029	<2	8	3756	4892	189.1	<2	<2	37	5.71	>9999	10	<4	3	49	242.3	<5	1616	3	.63	.003	5	18	.04	33	.02	.41	.02	.18	84	4	21	2	<2	10	<1
C 200030	3	12	4262	9850	>200	2	2	57	7.14	>9999	12	<4	6	81	383.3	5	1838	2	1.95	.003	7	11	.06	37	.01	.63	.02	.30	24	2	28	6	2	12	<1
C 200031	<2	3	149	561	12.5	<2	3	68	2.59	>9999	<10	<4	3	31	43.2	<5	181	4	.23	.002	2	22	.03	17	.01	.26	.01	.09	>200	<2	18	<2	<2	8	<1
C 200032	<2	6	312	1272	26.6	2	5	72	5.33	>9999	<10	<4	3	96	86.8	<5	1251	3	.90	.004	6	25	.06	56	.01	.54	.03	.19	>200	<2	22	2	<2	16	<1
C 200033	3	10	951	6320	54.8	4	26	78	6.13	>9999	<10	<4	6	112	214.4	<5	1353	8	1.65	.008	7	23	.07	45	.01	.71	.05	.30	>200	2	19	5	<2	34	1
C 200034	2	30	8966	2661	>200	<2	<2	61	5.43	>9999	<10	<4	<2	164	251.8	<5	>2000	4	4.40	.003	7	36	.05	48	.01	.58	.02	.26	>200	<2	32	10	<2	14	<1
C 200035	<2	3	89	347	6.7	6	27	16	6.46	>9999	12	<4	2	22	13.5	<5	466	4	.86	<.002	2	27	.04	11	.01	.26	.02	.05	28	<2	10	<2	<2	2	<1
C 200036	2	15	3450	13423	>200	3	<2	47	8.17	>9999	<10	<4	4	80	573.5	<5	>2000	<2	2.10	.002	6	8	.02	32	.01	.26	.01	.12	40	<2	20	5	<2	27	<1
RE C 200036	<2	18	3424	13785	>200	2	2	41	8.08	>9999	<10	<4	<2	81	569.7	<5	>2000	<2	2.05	<.002	4	6	.02	29	<.01	.25	.01	.12	38	<2	18	5	<2	27	<1
C 200037	2	12	2322	10209	143.1	<2	<2	19	7.15	>9999	<10	<4	2	50	376.0	<5	1823	2	1.16	<.002	3	11	.02	35	<.01	.18	.01	.08	18	<2	15	3	<2	26	<1
C 200038	2	9	4172	7909	>200	4	2	23	8.27	>9999	<10	<4	4	87	335.9	<5	1651	<2	1.33	<.002	10	18	.02	13	.01	.22	.02	.09	25	<2	15	4	<2	12	<1
C 200039	<2	10	1038	2682	69.0	3	<2	13	6.17	>9999	<10	<4	3	38	138.2	<5	1356	<2	.29	<.002	2	25	.01	4	<.01	.10	.01	.05	20	<2	11	<2	<2	2	<1
C 200040	<2	<2	65	158	4.4	2	<2	23	1.64	>9999	<10	<4	<2	17	11.4	<5	77	<2	.10	<.002	<2	28	.02	3	<.01	.18	.01	.08	5	<2	17	<2	<2	3	<1
C 200041	<2	4	50	1281	5.3	2	<2	26	2.99	>9999	<10	<4	3	20	61.1	<5	691	<2	.05	<.002	<2	24	.01	4	<.01	.11	.01	.04	<4	<2	11	<2	<2	3	<1
C 200042	2	10	44	197	2.3	9	5	194	6.71	>9999	18	<4	6	233	6.5	<5	136	17	1.59	.013	14	39	.28	104	.06	2.69	.10	1.09	14	3	97	7	5	38	3
C 200043	<2	10	33	210	2.3	7	5	256	4.50	>9999	<10	<4	5	446	10.7	<5	118	15	1.77	.013	22	32	.25	118	.05	2.62	.07	1.35	63	<2	95	9	5	38	3
C 200044	<2	17	363	554	24.6	9	2	446	12.24	>9999	<10	<4	6	575	38.9	<5	1767	14	2.84	.008	15	29	.21	71	.04	2.10	.05	.72	37	4	135	12	3	21	3
C 200045	<2	6	535	1110	36.7	4	7	51	3.66	>9999	<10	<4	4	43	58.6	<5	773	4	.48	.004	4	24	.04	29	.01	.40	.02	.20	>200	<2	15	2	<2	12	<1
C 200046	<2	<2	44	91	2.4	<2	3	46	1.84	>9999	12	<4	4	59	3.7	<5	93	4	.88	.002	5	21	.06	27	<.01	.56	.03	.24	44	<2	32	2	<2	11	<1
C 200047	2	3	46	474	2.8	<2	3	21	5.00	>9999	11	<4	2	56	17.6	<5	223	<2	1.92	.002	3	25	.03	20	.01	.28	.02	.10	>200	<2	18	2	<2	8	<1
C 200048	<2	3	23	28	1.8	<2	2	27	1.63	>9999	<10	<4	2	43	1.6	<5	78	3	1.12	.002	<2	18	.03	17	.01	.26	.01	.10	130	<2	18	2	<2	6	<1
C 200049	<2	3	58	89	3.0	<2	2	42	1.88	>9999	<10	<4	2	49	4.7	<5	91	4	.44	.002	2	20	.04	17	.01	.41	.03	.13	46	<2	25	<2	<2	10	<1
C 200050	<2	4	27	26	1.2	<2	2	48	1.67	>9999	<10	<4	3	51	1.8	<5	31	3	.73	.002	2	25	.05	19	.01	.34	.02	.10	77	<2	18	<2	<2	4	<1
C 200051	<2	20	5	13447	.5	5	21	59	4.84	>9999	<10	<4	5	120	517.2	<5	28	4	1.36	.003	6	<2	.07	62	.01	.59	.04	.15	24	<2	16	4	<2	2	<1
STANDARD DST5	13	150	29	168	<.5	32	16	1193	4.42	23	<10	<4	6	360	5.9	8	8	113	2.36	.118	24	220	1.23	706	.43	7.38	1.79	1.48	7	43	4	12	8	2	12

GROUP 1E - 1.00 GM SAMPLE DIGESTED WITH HCLO4-HNO3-HCL-HF TO 40 ML. UPPER LIMITS - AG, AU, W = 200 PPM; MO, CO, CD, SB, BI, TH & U = 4,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. DIGESTION IS PARTIAL FOR SOME MINERALS & MAY VOLATIZE SOME ELEMENTS, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 10 2003 **DATE REPORT MAILED:** Oct 7/2003 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
C 200052	<2	11	28	2203	2.0	10	4	211	5.85	>9999	32	<4	<2	182	97.0	<5	214	19	1.01	.015	15	44	.25	73	.03	2.03	.07	.64	>200	2	65	7	4	3	4
C 200053	2	20	47	1464	2.2	23	18	402	9.04	>9999	13	<4	4	486	63.7	<5	107	39	3.62	.022	42	61	.60	206	.10	5.34	.14	1.38	>200	6	122	24	2	39	7
C 200054	3	10	7	362	2.3	4	<2	66	18.24	>9999	<10	<4	6	44	5.4	<5	526	7	.32	.005	8	19	.09	44	.01	.83	.02	.27	115	2	69	9	2	149	2
C 200055	2	27	6	37524	.9	3	16	89	6.23	>9999	<10	<4	<2	21	1010.3	<5	53	3	1.69	<.002	<2	27	.05	29	.01	.43	<.01	.10	56	<2	26	3	<2	1	<1
C 200056	4	7	17	380	2.4	<2	<2	57	22.50	>9999	<10	<4	10	19	8.2	<5	589	6	.11	.004	6	14	.05	26	<.01	.44	.02	.16	<4	3	63	5	2	24	1
C 200057	<2	5	9	82	.9	3	2	39	2.66	>9999	<10	<4	<2	61	3.4	<5	15	3	3.56	.002	3	56	.08	22	.01	.85	.01	.32	<4	<2	49	9	<2	2	<1
C 200058	<2	47	<5	56470	<.5	6	52	71	8.46	>9999	<10	<4	3	39	1319.5	<5	29	2	1.85	<.002	<2	4	.03	24	<.01	.27	.02	.06	<4	<2	16	3	<2	1	<1
C 200059	<2	8	<5	222	<.5	2	5	29	1.37	>9999	<10	<4	<2	29	8.1	<5	10	3	5.17	.002	<2	48	.04	12	<.01	.42	<.01	.11	118	<2	20	7	<2	32	<1
C 200060	2	13	97	16110	12.9	12	6	307	6.24	>9999	14	<4	<2	90	604.3	<5	880	23	1.84	.016	13	51	.38	53	.06	3.11	.09	.92	>200	2	111	7	4	8	5
C 200061	<2	5	13	396	.5	3	2	40	2.11	>9999	<10	<4	<2	67	16.5	<5	17	4	2.87	.003	5	67	.12	33	.01	1.11	.02	.40	35	<2	59	12	<2	2	1
C 200062	<2	6	<5	4353	.5	5	36	34	5.91	>9999	<10	<4	<2	45	115.9	<5	36	4	3.81	<.002	<2	41	.08	21	<.01	.69	.01	.16	101	<2	33	6	<2	4	<1
C 200063	8	3	19	95	3.4	<2	<2	30	23.28	>9999	<10	<4	5	26	2.6	<5	294	6	.07	.002	2	21	.04	19	.01	.43	<.01	.16	<4	<2	66	<2	<2	14	<1
C 200064	<2	4	5	1596	.7	7	19	86	3.84	>9999	<10	<4	2	78	64.3	<5	27	7	3.18	.003	4	76	.12	42	.01	1.11	.02	.32	>200	<2	51	7	2	10	1
C 200065	2	7	51	5646	3.8	8	7	188	4.34	>9999	<10	<4	3	106	214.2	<5	217	17	1.77	.013	9	74	.29	58	.03	2.11	.08	.50	>200	<2	66	6	3	7	3
C 200066	<2	6	13	1075	1.1	4	2	89	1.15	9412	<10	<4	<2	55	53.8	<5	103	6	1.16	.002	2	80	.07	24	.01	.55	.01	.20	143	2	19	4	<2	2	<1
C 200067	<2	15	<5	12687	1.0	12	16	128	5.34	>9999	<10	<4	4	96	398.6	<5	35	15	1.45	.007	7	73	.33	48	.04	2.14	.12	.29	23	3	48	4	2	6	2
C 200068	<2	3	42	102	2.8	4	2	71	1.50	>9999	<10	<4	<2	96	3.7	<5	37	6	.74	.003	5	60	.08	58	<.01	.54	.02	.13	5	3	23	4	<2	5	<1
C 200069	<2	8	8	939	.6	4	7	46	4.22	>9999	12	<4	2	38	33.9	<5	59	4	1.32	.002	2	71	.06	36	.01	.54	<.01	.18	148	<2	45	4	<2	3	<1
C 200070	<2	5	10	31	.5	2	4	25	2.62	>9999	<10	<4	2	58	1.2	<5	107	4	1.65	.003	2	67	.06	37	.02	.57	.02	.18	6	<2	46	3	<2	108	<1
RE C 200070	<2	6	11	30	.7	3	4	30	2.60	>9999	<10	<4	5	57	1.3	<5	96	6	1.64	.002	3	61	.06	37	.02	.56	.02	.17	6	<2	46	3	<2	105	<1
C 200071	<2	37	54	316	1.2	22	22	851	4.98	6505	34	<4	<2	362	3.7	<5	23	167	8.62	.073	17	34	1.20	85	.36	6.11	.57	1.31	>200	4	108	15	6	211	9
C 200072	<2	7	29	196	1.1	2	4	181	1.24	5282	<10	<4	3	73	4.0	<5	93	14	2.15	.005	2	50	.15	19	.03	.63	.02	.12	13	2	26	5	2	28	1
C 200073	<2	6	23	244	2.5	<2	<2	27	3.42	>9999	<10	<4	<2	111	22.2	<5	128	7	1.39	.003	6	64	.05	117	.03	.39	.01	.09	33	<2	34	7	<2	70	<1
C 200074	<2	11	384	4342	25.0	3	<2	45	3.41	>9999	<10	<4	<2	71	181.8	<5	603	4	.23	<.002	<2	102	.02	65	.01	.20	<.01	.04	29	<2	22	2	<2	23	<1
C 200075	<2	5	22	172	.8	8	10	345	3.22	1530	26	<4	<2	445	1.8	<5	29	157	13.38	.027	8	28	1.26	32	.09	6.95	.72	.50	>200	3	69	9	<2	201	8
C 200076	<2	14	8	42	1.1	2	3	26	1.08	7800	<10	<4	<2	39	1.7	<5	33	3	3.25	.002	<2	52	.02	23	.01	.19	.01	.04	101	<2	25	3	<2	38	<1
C 200077	<2	4	88	31	3.4	28	14	37	1.99	9405	11	<4	11	47	.4	<5	10	40	.18	.016	34	71	.55	76	.12	3.13	.15	.41	15	7	49	4	4	3	5
C 200078	<2	4	9	39	<.5	25	20	129	3.14	>9999	<10	<4	7	113	.4	<5	<5	41	.16	.033	30	104	.98	85	.14	4.52	.31	.44	9	6	49	5	3	5	6
C 200079	<2	3	14	24	<.5	37	41	89	3.76	>9999	<10	<4	3	65	.6	<5	7	27	.08	.017	22	69	.60	59	.06	2.81	.15	.34	5	6	33	7	2	5	4
C 200080	<2	12	<5	28	<.5	15	7	193	1.72	437	<10	<4	7	86	<.4	<5	<5	21	.09	.030	15	53	.33	182	.12	3.49	.43	1.32	<4	6	2	8	4	2	3
C 200081	<2	2	5	84	<.5	5	<2	173	3.26	2931	<10	<4	4	234	<.4	<5	<5	52	.17	.017	3	106	1.57	3	.13	6.24	.77	<.01	<4	3	57	3	<2	7	2
C 200082	<2	5	5	43	.5	14	9	151	2.80	6231	<10	<4	4	163	<.4	<5	<5	64	.22	.030	8	91	.98	476	.23	6.39	1.48	1.58	7	9	26	3	6	5	7
C 200083	<2	2	<5	34	1.9	7	2	80	2.63	>9999	<10	<4	4	123	<.4	<5	8	37	.11	.013	15	114	.88	59	.19	4.17	.53	.18	11	10	33	5	7	4	7
C 200084	<2	5	7	14	<.5	8	5	54	3.47	>9999	11	<4	6	98	.5	<5	<5	22	.07	.014	28	58	.29	221	.07	4.19	1.28	1.49	4	4	5	4	3	4	3
STANDARD DST5	13	143	30	156	.6	33	15	1038	4.16	24	10	<4	4	365	5.6	8	8	118	2.29	.108	20	241	1.15	720	.43	6.97	1.76	1.48	11	46	5	13	8	2	12

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
C 200085	<2	3	<5	58	.8	20	8	139	2.21	6340	11	<4	16	169	1.4	<5	9	37	.13	.031	15	37	.64	776	.22	5.52	1.01	3.49	44	8	34	7	7	7	5
03DT-01	3	15	22	43	<.5	4	<2	91	1.78	54	11	<4	9	49	.4	<5	7	3	.19	.103	3	9	.10	547	.04	5.86	1.74	2.96	4	6	26	8	20	2	4
03DH-46a	<2	21	112	47	1.0	<2	<2	67	1.26	39	<10	<4	16	69	.7	<5	6	6	.11	.070	15	7	.10	508	.12	5.83	1.21	3.48	10	3	6	7	13	2	3
03DH-55	<2	51	6	49	<.5	78	101	110	3.69	8353	<10	<4	17	102	<.4	<5	12	32	.15	.050	39	61	.44	15	.38	2.44	.21	.12	10	5	32	6	15	2	10
03DH-60	10	15	158	124	3.9	5	2	222	1.63	53	10	<4	13	67	2.1	<5	8	5	.41	.056	17	8	.10	251	.06	5.39	1.49	3.06	5	6	7	12	7	2	3
03DH-120	2	5	41	342	2.6	6	6	93	3.67	>9999	<10	<4	3	71	10.3	5	243	4	1.01	<.002	5	18	.11	32	.01	.93	.06	.13	31	<2	35	3	<2	817	<1
03DH-127	<2	11	240	38	.7	3	<2	141	1.45	99	13	<4	10	36	.4	<5	7	8	.26	.066	21	7	.15	609	.11	5.79	.84	3.56	8	3	11	8	10	9	3
03DH-128	<2	5	301	27	1.8	2	<2	86	.89	93	<10	<4	12	24	.5	<5	7	6	.03	.018	11	6	.14	357	.06	4.81	.05	2.79	5	6	33	4	7	4	2
03DH-134	<2	5	8	8	.5	2	<2	25	.77	3718	13	<4	4	13	<.4	<5	<5	3	.01	<.002	3	8	.03	60	.01	.22	.04	.09	<4	2	<2	<2	2	<2	<1
03DH-136	<2	19	82	38	<.5	6	<2	81	.90	20	12	<4	14	50	.4	5	<5	4	.08	.048	30	5	.10	276	.07	4.73	.82	2.88	4	6	6	10	10	2	2
03DH-137	<2	28	744	28	5.0	2	<2	99	.95	11	11	<4	20	33	.4	7	16	5	.02	.030	16	5	.10	290	.08	5.39	.88	3.34	7	8	9	4	11	2	3
03DH-139	<2	12	66	69	<.5	2	<2	83	.95	6	11	<4	17	79	.4	<5	<5	8	.19	.064	13	4	.06	547	.12	6.11	1.78	3.18	4	4	8	12	12	3	3
03DH-142	<2	24	27	114	.5	<2	<2	270	1.08	<5	<10	<4	12	57	1.5	<5	6	8	.23	.068	19	5	.07	347	.09	5.93	2.02	2.99	4	5	15	14	13	2	5
03DH-143a	<2	3	91	37	4.3	<2	<2	94	1.67	20	11	<4	16	52	.6	<5	10	7	.19	.094	6	6	.14	218	.09	7.22	2.55	3.02	12	12	32	11	15	4	5
03DH-143b	<2	5	65	54	2.6	2	<2	119	1.32	12	<10	<4	17	45	1.1	6	7	6	.18	.077	6	5	.11	190	.08	6.41	2.57	2.98	8	10	23	9	12	3	4
03DH-144	2	7	65	61	1.8	2	<2	61	1.10	9	<10	<4	10	47	.6	<5	6	7	.16	.065	5	5	.08	286	.06	5.73	2.16	3.00	4	9	9	8	11	2	3
03DH-145	4	10	29	99	<.5	5	<2	272	1.30	16	<10	<4	16	46	1.1	<5	<5	6	.16	.072	5	6	.10	369	.07	5.78	1.95	2.68	7	10	10	10	13	3	3
03DH-147	2	5	136	29	.7	2	<2	84	1.61	10	25	<4	15	41	<.4	<5	<5	10	.10	.057	8	6	.14	376	.13	5.92	1.30	3.37	10	6	8	6	11	2	3
03DH-150	<2	13	22	25	<.5	2	<2	32	.54	21	17	9	9	63	.4	<5	6	<2	.53	.013	6	3	.02	319	.03	6.36	2.56	3.42	<4	<2	2	27	21	7	<1
RE 03DH-150	<2	17	20	27	<.5	5	<2	32	.55	22	24	11	12	61	.7	6	<5	2	.50	.012	5	4	.02	310	.03	6.16	2.56	3.59	4	<2	<2	27	23	7	<1
03DH-151	<2	16	54	36	1.9	<2	<2	110	1.24	<5	<10	<4	17	32	<.4	<5	5	9	.11	.063	17	6	.10	388	.11	6.05	1.13	3.76	8	7	7	9	10	3	2
03DH-152	<2	9	70	53	1.0	4	<2	133	1.18	<5	<10	<4	16	45	.7	<5	<5	9	.15	.065	23	6	.10	375	.11	6.06	1.30	3.98	7	6	7	12	11	2	3
03DH-153	<2	5	572	30	2.0	2	<2	141	1.52	26	17	<4	16	39	.9	<5	5	8	.05	.060	16	7	.12	424	.10	6.13	.11	4.62	6	11	13	6	12	4	3
03DH-154	<2	31	4481	33	9.7	2	<2	118	1.70	40	<10	<4	15	24	.6	<5	<5	6	.08	.056	17	7	.10	262	.07	4.58	.28	3.12	4	13	9	6	8	3	2
03DH-155	<2	12	158	26	.9	2	<2	79	.97	16	<10	<4	13	56	1.6	<5	<5	7	.02	.034	16	5	.09	436	.05	4.58	.08	3.04	<4	10	9	7	9	5	2
03DH-157	<2	25	46	20	<.5	2	<2	90	.76	<5	<10	<4	14	37	.4	<5	<5	10	.10	.052	23	6	.09	281	.07	4.36	.16	3.10	4	4	20	8	9	2	2
03DH-158	<2	18	54	29	.6	<2	<2	74	1.22	11	<10	<4	25	43	.4	<5	<5	15	.04	.035	36	7	.10	219	.11	4.35	.69	2.61	5	10	7	7	13	3	3
03DH-159	<2	5	<5	19	<.5	2	<2	31	1.20	149	<10	<4	3	29	<.4	<5	<5	24	.04	.004	10	17	.26	8	.04	1.29	.12	.03	5	2	6	<2	<2	1	3
03DH-161	<2	12	<5	36	<.5	16	6	262	1.97	<5	<10	<4	9	1314	.5	<5	<5	27	2.79	.012	19	28	.63	223	.12	8.10	2.34	1.24	<4	<2	2	9	3	4	5
03DH-166	<2	11	<5	54	<.5	16	6	275	2.06	<5	<10	<4	3	1213	.6	<5	<5	26	2.15	.021	11	30	.57	219	.16	7.65	2.13	1.67	<4	3	<2	6	2	6	5
03DH-167	<2	9	<5	14	<.5	9	3	185	1.05	<5	<10	<4	2	298	<.4	<5	<5	14	.53	.003	10	16	.23	73	.05	1.88	.37	.26	<4	4	<2	4	3	1	2
03DH-168	<2	23	<5	78	<.5	74	22	627	4.69	<5	<10	<4	14	1356	.8	<5	<5	115	1.98	.041	43	93	2.29	322	.41	10.21	2.63	2.20	<4	<2	<2	19	4	4	16
03DH-169	<2	10	6	41	<.5	15	7	359	1.89	<5	<10	<4	3	706	.7	<5	<5	20	4.42	.142	12	18	.51	255	.09	8.05	2.40	2.17	<4	2	<2	6	2	4	4
03DH-170	<2	6	<5	5	<.5	6	2	25	.50	197	<10	<4	<2	13	<.4	<5	<5	<2	.06	.003	2	11	.02	6	<.01	.17	.03	.01	<4	3	<2	<2	<2	<1	<1
STANDARD DST5	13	140	28	160	<.5	33	14	1090	4.30	27	<10	<4	8	387	5.7	8	6	114	2.18	.109	23	197	1.22	703	.42	6.84	1.76	1.67	12	47	5	12	10	2	13

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
03DH-171	<2	2	181	20	<.5	<2	<2	95	1.24	439	<10	<4	<2	31	<.4	<5	<5	8	<.01	.012	5	16	.15	329	.06	5.00	.09	4.38	9	4	11	2	8	2	2
C 200090	<2	2	36	65	1.0	35	15	187	3.57	>9999	<10	<4	4	137	<.4	<5	7	72	.08	.028	11	117	.77	33	.20	3.94	.40	.08	19	3	81	5	6	5	7
C 200091	<2	7	9	28	<.5	7	4	114	1.64	444	<10	<4	<2	26	<.4	<5	5	19	.07	.032	3	34	.26	50	.04	1.96	.10	.26	4	<2	14	2	2	2	3
C 200092	<2	3	5	17	<.5	<2	<2	47	.94	191	<10	<4	<2	23	<.4	<5	<5	10	.01	<.002	<2	27	.20	2	.02	1.22	.10	.02	<4	<2	2	<2	2	1	1
C 200093	<2	4	12	24	<.5	<2	<2	75	1.14	1684	<10	<4	<2	53	<.4	<5	5	19	.04	.004	<2	34	.31	3	.03	1.80	.15	<.01	<4	<2	6	<2	<2	1	1
C 200094	<2	28	6	36	<.5	4	2	141	3.21	635	<10	<4	3	38	.5	<5	<5	24	.05	.009	5	43	.30	83	.04	2.89	.18	.38	16	<2	19	2	2	4	4
C 200095	<2	22	17	105	<.5	30	16	683	5.25	84	<10	<4	12	857	.7	<5	<5	80	1.70	.037	43	99	1.71	272	.30	8.69	1.60	1.72	4	<2	3	15	12	3	15
C 200096	<2	7	129	30	2.0	10	4	714	2.97	52	<10	<4	11	58	.4	<5	7	21	.35	.020	6	47	.37	164	.14	4.09	1.62	.62	<4	5	<2	6	5	1	4
C 200097	<2	2	9	7	<.5	3	<2	76	.43	97	<10	<4	<2	9	<.4	<5	<5	5	.02	<.002	<2	34	.06	17	.02	.51	.03	.14	4	<2	8	<2	<2	1	1
C 200098	<2	50	16	46	<.5	30	10	317	4.39	39	<10	<4	10	506	.7	<5	<5	82	1.08	.040	29	85	1.16	620	.34	9.47	1.26	2.68	<4	2	63	12	12	6	11
C 200099	<2	3	24	57	<.5	16	10	143	3.11	5930	<10	<4	7	164	.4	<5	8	49	.16	.049	31	73	.95	16	.20	4.92	.50	.07	10	4	31	5	5	6	7
C 200100	<2	30	10	16	.5	4	2	70	7.28	>9999	10	<4	3	52	.4	<5	126	17	.06	.006	8	43	.30	43	.05	2.31	.60	.23	<4	<2	21	2	4	2	3
C 200101	2	27	16	3	.8	3	2	26	8.52	>9999	<10	<4	<2	27	<.4	<5	179	2	.05	<.002	<2	47	.02	17	.01	.26	.02	.08	9	<2	28	<2	<2	1	<1
C 200102	<2	25	29	76	<.5	42	16	722	4.62	486	<10	<4	12	1982	1.0	<5	<5	70	4.83	.019	37	70	1.36	364	.24	9.46	2.62	2.01	<4	2	24	17	10	4	11
C 200103	2	29	9	7	.7	5	11	37	6.95	>9999	<10	<4	2	59	<.4	<5	140	5	.08	.005	3	46	.07	48	.02	.73	.02	.30	10	<2	27	2	2	1	1
C 200104	2	346	15	4	1.1	14	106	45	23.05	>9999	<10	5	4	12	1.6	<5	506	2	.06	<.002	<2	35	.06	5	<.01	.14	.01	.02	9	<2	15	<2	<2	2	<1
C 200105	<2	339	19	9	1.3	13	51	72	13.31	>9999	<10	5	4	13	.8	5	507	2	.05	.002	<2	35	.10	17	.01	.47	.02	.10	8	<2	17	<2	<2	2	<1
C 200106	<2	146	7	7	<.5	12	31	26	9.26	>9999	<10	<4	2	30	.4	<5	200	6	.04	.004	3	42	.05	32	.02	.55	.01	.23	186	<2	21	<2	2	1	<1
C 200107	<2	12	8	12	.5	<2	2	40	.98	235	<10	<4	<2	22	<.4	<5	7	10	.03	.002	<2	50	.11	5	.01	.74	.10	.03	<4	<2	2	<2	2	1	<1
C 200108	<2	56	9	80	1.2	9	18	1159	6.44	2683	<10	<4	13	175	.6	<5	<5	134	1.49	.166	41	73	1.32	128	.50	6.96	.97	.19	30	3	50	12	11	5	16
C 200109	<2	37	11	93	<.5	16	11	263	4.97	964	<10	<4	7	134	.5	<5	6	111	.28	.083	16	68	1.12	44	.28	7.45	1.00	.13	31	4	45	4	7	6	11
C 200110	<2	21	5	76	<.5	23	14	403	4.25	819	<10	<4	7	154	.7	<5	<5	103	.76	.052	22	64	1.21	52	.30	7.03	1.36	.41	22	3	25	6	7	8	13
RE C 200110	<2	22	8	78	<.5	20	15	400	4.26	850	<10	<4	7	154	.8	<5	<5	103	.77	.052	23	65	1.22	56	.29	7.10	1.36	.43	23	4	26	7	7	8	13
C 200112	<2	27	15	90	<.5	23	29	269	4.57	2930	<10	<4	10	193	.5	<5	<5	119	1.50	.070	29	67	1.23	39	.32	8.18	1.58	.25	33	4	39	7	8	21	12
C 200113	<2	29	<5	15	<.5	27	128	72	2.11	>9999	<10	<4	3	19	<.4	<5	8	17	.05	.007	4	51	.15	40	.02	1.33	.09	.35	>200	<2	28	9	3	10	3
C 200114	2	12	5	3	<.5	<2	5	21	7.59	>9999	<10	<4	2	11	<.4	<5	90	<2	<.01	.003	<2	44	.02	40	<.01	.24	.01	.11	76	<2	10	<2	<2	<1	<1
C 200115	<2	32	9	50	<.5	3	4	157	2.97	701	<10	<4	3	87	.5	<5	8	58	.20	.019	3	38	.72	17	.15	5.19	2.32	.12	8	<2	69	4	3	9	9
C 200116	<2	4	138	66	17.2	6	4	99	4.14	>9999	<10	<4	4	37	1.1	<5	92	19	.21	.007	10	78	.24	130	.04	2.44	.10	.83	<4	2	54	3	3	3	4
C 200117	<2	3	82	37	9.0	8	7	100	3.19	>9999	<10	<4	4	71	.8	<5	30	21	.13	.012	11	56	.35	81	.05	2.37	.15	.53	14	2	49	2	3	6	4
C 200118	<2	10	269	48	66.5	5	<2	175	9.77	>9999	<10	<4	3	145	1.7	<5	1090	26	2.22	.011	13	48	.47	101	.06	3.03	.19	.56	13	4	61	15	3	7	6
C 200119	<2	4	114	50	5.2	17	6	184	3.72	>9999	11	<4	3	91	.4	<5	18	52	.58	.018	12	85	.57	53	.07	3.03	.25	.40	10	3	47	3	3	4	4
C 200120	<2	4	64	33	3.4	5	5	86	2.58	>9999	<10	<4	<2	38	<.4	<5	14	12	.05	.005	6	64	.22	44	.03	1.47	.10	.26	4	<2	28	<2	3	3	2
C 200121	<2	4	110	35	2.5	5	5	103	3.04	>9999	<10	<4	3	48	<.4	<5	<5	16	.12	.005	7	46	.28	50	.03	1.75	.12	.31	<4	2	32	<2	3	3	3
C 200122	<2	4	15	25	2.1	16	9	129	3.52	>9999	<10	<4	5	65	.6	<5	13	38	.24	.020	17	84	.39	183	.06	4.25	.16	2.13	6	2	87	3	3	6	6
STANDARD DST5	12	143	30	158	.5	28	14	1056	4.09	26	<10	<4	7	358	5.6	8	6	114	2.13	.109	25	216	1.21	693	.42	7.21	1.69	1.64	11	42	6	12	8	2	11

Sample type: ROCK R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data A FA ___

ACME ANALYTICAL

Solomon Resources FILE # A304322

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
C 200123	<2	6	<5	87	1.5	27	25	1416	7.76	>9999	<10	<4	4	132	<.4	<5	<5	280	1.46	.135	23	65	2.89	288	1.23	6.47	1.38	.61	<4	8	4	27	18	1	28
C 200124	<2	7	6	29	.8	2	<2	111	4.68	>9999	<10	<4	9	270	<.4	5	<5	44	.12	.037	24	64	.81	124	.12	3.94	.92	.21	<4	6	15	4	3	2	6
C 200125	<2	4	11	20	.6	<2	<2	64	3.29	>9999	<10	<4	7	176	.4	7	<5	26	.06	.017	15	72	.56	49	.08	2.56	.24	.14	<4	3	13	3	2	1	3
C 200126	<2	2	<5	31	.6	10	8	84	2.82	>9999	<10	<4	6	290	.6	<5	<5	48	.11	.031	24	88	.85	62	.14	3.39	.37	.07	<4	4	21	4	3	2	6
C 200127	<2	26	9	43	<.5	18	7	307	2.75	325	<10	<4	6	97	<.4	<5	<5	30	.19	.012	18	44	.53	118	.13	4.63	1.34	.66	8	2	<2	4	3	1	4
C 200128	<2	31	6	65	<.5	21	10	346	3.95	290	<10	<4	15	147	.7	<5	<5	84	.36	.100	32	83	.84	609	.33	8.39	1.43	2.73	14	6	3	7	11	3	9
C 200129	<2	73	15	78	<.5	37	18	399	5.60	360	<10	<4	13	247	.6	<5	<5	82	.59	.031	43	93	1.23	512	.34	9.31	2.03	2.09	8	6	4	8	13	3	11
STANDARD DST5	13	152	26	168	<.5	32	15	1173	4.36	25	<10	<4	8	383	5.6	7	7	120	2.35	.118	24	221	1.34	701	.41	7.79	1.89	1.57	10	43	5	13	9	2	13

Sample type: ROCK R150 60C.

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(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

Solomon Resources File # A304322R Page 1
900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Au** ppb
SI	<2
C 200019	188
C 200020	62
C 200021	232
C 200022	398
C 200023	302
C 200024	920
C 200025	646
C 200026	774
C 200027	1350
C 200028	636
C 200029	1565
C 200030	1232
C 200031	220
C 200032	1593
C 200033	3090
C 200034	1743
C 200035	1425
C 200036	859
RE C 200036	688
C 200037	1163
C 200038	580
C 200039	3069
C 200040	108
C 200041	1497
C 200042	251
C 200043	250
C 200044	1244
C 200045	1578
C 200046	123
C 200047	417
C 200048	94
C 200049	152
C 200050	48
C 200051	91
STANDARD AU-R	487

GROUP 3B - FIRE GEOCHEM AU - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2003 **DATE REPORT MAILED:** Oct 16/2003 **SIGNED BY** ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data FA

SAMPLE#	Au** ppb
C 200052	344
C 200053	254
C 200054	1600
C 200055	138
C 200056	1790
C 200057	72
C 200058	187
C 200059	29
C 200060	1165
C 200061	59
C 200062	163
C 200063	1133
C 200064	102
C 200065	391
C 200066	199
C 200067	117
C 200068	90
C 200069	158
C 200070	244
RE C 200070	241
C 200071	30
C 200072	121
C 200073	503
C 200074	420
C 200075	20
C 200076	152
C 200077	44
C 200078	7
C 200079	29
C 200080	2
C 200081	<2
C 200082	2
C 200083	19
C 200084	20
STANDARD AU-R	488

Sample type: ROCK PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data FA

SAMPLE#	Au** ppb
C 200085	4
03DT-01	2
03DH-46a	<2
03DH-55	27
03DH-60	<2
03DH-120	243
03DH-127	2
03DH-128	<2
03DH-134	2
03DH-136	<2
03DH-137	3
03DH-139	<2
03DH-142	3
03DH-143a	3
03DH-143b	4
03DH-144	3
03DH-145	4
03DH-147	<2
03DH-150	5
RE 03DH-150	5
03DH-151	3
03DH-152	<2
03DH-153	4
03DH-154	69
03DH-155	3
03DH-157	<2
03DH-158	2
03DH-159	2
03DH-161	<2
03DH-166	<2
03DH-167	<2
03DH-168	<2
03DH-169	<2
03DH-170	4
STANDARD AU-R	490

Sample type: ROCK PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data FA

SAMPLE#	Au** ppb
03DH-171	6
C 200090	22
C 200091	3
C 200092	2
C 200093	3
C 200094	2
C 200095	<2
C 200096	5
C 200097	4
C 200098	<2
C 200099	6
C 200100	927
C 200101	929
C 200102	8
C 200103	664
C 200104	3466
C 200105	1413
C 200106	1044
C 200107	4
C 200108	5
C 200109	4
C 200110	26
RE C 200110	2
C 200112	4
C 200113	14
C 200114	342
C 200115	7
C 200116	130
C 200117	55
C 200118	1161
C 200119	40
C 200120	31
C 200121	30
C 200122	29
STANDARD AU-R	493

Sample type: ROCK PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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Data FA

SAMPLE#	Au** ppb
C 200123	14
C 200124	18
C 200125	33
C 200126	19
C 200127	6
C 200128	<2
C 200129	7
STANDARD AU-R	485

Sample type: ROCK PULP.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data f FA

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ASSAY CERTIFICATE

Solomon Resources File # A304322R2

900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Ag** gm/mt
C 200030	214.4
C 200034	637.6
C 200036	202.8
C 200038	243.7

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 GM SAMPLE, ANALYSIS BY ICP-ES.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: OCT 27 2003 DATE REPORT MAILED: Oct 31/03 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A FA M

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Solomon Resources File # A304323 Page 1
900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
G-1	<2	4	19	53	<.5	5	4	837	2.59	<5	<10	<4	7	780	<.4	<5	<5	52	2.87	.094	20	14	.67	996	.28	9.00	2.80	2.64	<4	8	<2	12	20	3	5
C 20001	<2	25	34	214	<.5	48	19	723	4.69	469	10	<4	11	296	1.7	6	<5	114	1.11	.071	42	96	1.24	874	.39	8.72	1.09	1.91	23	25	8	14	7	6	10
C 20002	<2	30	26	135	<.5	45	18	581	5.00	445	14	<4	9	193	1.3	<5	<5	123	.69	.062	28	108	1.19	826	.41	9.33	1.01	2.23	24	19	8	10	13	8	10
C 20003	<2	23	22	155	<.5	39	15	720	4.54	209	<10	<4	8	247	.4	<5	<5	125	.98	.072	32	100	1.20	845	.43	7.73	1.15	2.05	77	21	25	11	9	18	10
C 20004	<2	33	29	143	.5	50	22	634	5.23	1571	<10	<4	11	227	1.0	10	<5	130	.88	.077	40	110	1.34	1014	.46	9.86	1.17	2.50	50	28	22	13	13	14	12
C 20005	<2	31	21	890	.6	41	16	556	4.89	2132	<10	<4	8	282	19.3	<5	<5	112	.89	.068	37	98	1.13	799	.38	8.31	.92	2.03	31	16	15	12	8	10	9
C 20006	<2	24	22	137	<.5	39	16	646	4.34	319	<10	<4	9	305	.9	<5	<5	106	1.02	.062	38	90	1.12	791	.36	8.68	1.02	2.05	39	16	11	13	9	8	10
C 20007	<2	23	15	112	<.5	40	15	570	3.70	120	<10	<4	7	224	.5	<5	<5	97	1.01	.045	33	83	1.03	821	.33	7.06	1.12	1.77	18	21	3	12	8	3	8
C 20008	<2	25	22	113	<.5	43	16	897	4.16	116	<10	<4	13	425	.7	<5	<5	109	1.36	.103	66	95	1.06	910	.39	7.82	1.34	1.91	10	27	2	23	11	4	11
C 20009	<2	30	118	513	1.0	55	27	948	6.00	>9999	<10	<4	13	487	10.6	<5	43	96	1.80	.075	50	100	1.34	782	.32	9.61	.95	2.33	>200	16	34	25	6	17	12
C 20010	<2	26	30	178	<.5	57	23	892	5.32	106	<10	<4	9	438	.9	<5	<5	100	1.62	.074	33	104	1.41	752	.37	8.07	1.15	1.88	9	20	2	17	7	4	9
C 20011	<2	26	52	195	<.5	47	19	714	4.54	533	<10	<4	8	367	1.6	<5	<5	109	1.03	.061	36	97	1.08	842	.37	8.39	1.14	2.08	17	21	10	13	10	8	9
C 20012	<2	38	18	199	<.5	74	33	959	6.34	641	<10	<4	9	458	1.7	8	<5	109	1.40	.051	29	116	1.76	776	.37	11.00	.82	2.52	22	9	7	19	7	8	13
C 20013	<2	21	13	135	<.5	48	22	631	5.07	337	<10	<4	8	282	.7	<5	<5	108	1.02	.045	30	101	1.80	767	.41	8.53	.98	1.99	21	16	9	11	7	8	10
C 20014	<2	21	24	133	.8	37	16	603	4.13	711	<10	<4	10	266	1.1	5	6	98	1.11	.065	44	88	1.08	782	.34	7.64	.99	1.79	28	20	11	14	8	7	9
C 20015	<2	28	29	202	<.5	52	22	795	4.93	1362	<10	<4	10	303	1.8	<5	<5	102	1.25	.076	49	97	1.41	843	.36	8.88	1.03	2.11	85	20	18	19	6	12	11
C 20016	<2	37	23	167	.5	68	32	774	5.48	323	<10	<4	8	428	1.0	<5	<5	116	.89	.047	25	121	1.67	788	.41	11.10	.85	2.74	43	8	14	13	4	9	10
C 20017	<2	26	22	125	<.5	45	18	652	4.38	81	<10	<4	11	330	1.3	<5	<5	99	1.70	.069	39	90	1.26	826	.34	8.47	1.06	1.82	11	20	4	15	8	3	10
C 20018	<2	26	24	127	.6	49	21	732	4.86	317	<10	<4	9	357	.9	<5	<5	106	1.33	.057	41	99	1.27	848	.38	8.59	1.15	2.00	19	20	7	15	8	8	10
RE C 20018	<2	26	20	131	.5	50	21	773	5.02	326	<10	<4	11	375	1.1	6	<5	110	1.40	.058	45	100	1.35	883	.39	9.25	1.17	2.09	21	20	8	18	10	8	11
S1001	<2	33	163	253	1.1	27	13	803	3.90	96	<10	<4	16	211	2.4	<5	<5	69	.72	.108	49	59	.85	712	.38	9.11	1.28	2.97	19	15	12	21	14	5	9
S1002	<2	34	108	191	1.9	30	15	796	4.13	105	<10	<4	17	220	1.9	<5	6	79	.89	.107	44	67	1.01	969	.43	8.95	1.10	2.94	17	16	10	18	15	4	10
S1003	2	64	267	328	3.9	29	15	1045	4.69	110	<10	<4	20	181	4.2	<5	16	66	.65	.123	52	60	.80	606	.36	7.68	1.18	2.60	14	12	10	22	14	4	8
S1004	<2	37	144	236	1.1	40	17	917	4.58	150	<10	<4	18	208	2.9	<5	<5	88	.76	.110	55	80	1.05	731	.43	8.69	1.07	2.63	16	15	11	20	16	5	9
S1005	2	80	239	660	2.2	32	17	2012	4.40	66	<10	<4	25	124	10.6	7	10	54	.49	.119	53	53	.72	546	.28	8.09	.75	2.81	15	17	28	31	16	7	9
S1006	<2	32	101	212	1.3	32	13	701	4.04	107	10	<4	13	198	1.9	<5	<5	87	.79	.099	41	81	.91	767	.38	8.56	1.36	2.60	11	24	11	13	12	4	9
S1007	<2	44	307	417	3.0	20	12	1129	4.08	60	15	<4	38	125	4.3	6	10	51	.38	.125	38	48	.64	572	.29	9.78	1.28	3.30	17	19	22	21	24	6	11
S1008	<2	54	266	553	2.1	26	12	1305	3.93	69	14	<4	31	111	4.8	6	8	56	.37	.096	36	52	.64	623	.29	9.13	1.11	3.06	15	14	14	15	18	5	8
S1009	5	119	779	894	6.0	32	29	2616	7.08	127	36	<4	38	102	13.7	5	55	57	.38	.152	68	76	.73	518	.24	8.16	.62	2.85	23	20	19	33	18	8	8
S1010	<2	54	271	393	1.3	11	8	1579	3.01	33	19	<4	24	184	5.2	<5	5	47	.61	.101	48	28	.47	616	.27	8.12	1.12	2.93	12	32	10	22	11	5	5
S1011	3	93	618	522	1.5	15	11	3156	4.07	112	10	<4	41	171	11.1	<5	<5	45	.53	.124	51	29	.53	632	.25	8.70	1.07	3.00	12	28	14	20	14	6	6
S1012	2	67	542	378	2.1	8	8	952	3.80	44	<10	<4	37	130	4.1	9	<5	35	.20	.152	45	21	.38	494	.28	9.86	.73	4.72	19	13	19	20	21	8	6
S1013	3	112	873	318	1.8	7	7	929	4.68	70	11	<4	39	117	5.5	5	<5	33	.19	.167	62	19	.36	447	.23	8.75	.52	4.13	17	14	26	29	19	10	6
S1014	2	69	831	297	1.3	6	3	285	2.90	11	<10	<4	30	112	1.6	<5	<5	25	.25	.133	54	12	.25	520	.21	7.79	.97	3.13	16	10	20	19	19	7	4
S1015	<2	57	641	372	1.5	9	6	527	3.78	24	15	<4	40	127	1.9	<5	<5	40	.46	.149	62	25	.40	640	.25	8.58	1.09	3.40	11	16	20	30	17	7	6
STANDARD D	13	141	29	159	<.5	31	15	1108	4.26	24	10	<4	6	362	5.4	9	7	114	2.34	.110	23	226	1.19	705	.43	7.27	1.76	1.47	10	45	6	14	8	2	12

Standard is STANDARD DST5.

GROUP 1E - 1.00 GM SAMPLE DIGESTED WITH HCLO4-HNO3-HCL-HF TO 40 ML. UPPER LIMITS - AG, AU, W = 200 PPM; MO, CO, CD, SB, BI, TH & U = 4,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. DIGESTION IS PARTIAL FOR SOME MINERALS & MAY VOLATIZE SOME ELEMENTS, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 10 2003 DATE REPORT MAILED: Oct 3/2003 SIGNED BY: ...D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
G-1	2	3	<5	56	.5	3	5	840	2.60	<5	<10	<4	9	792	<.4	5	<5	55	2.87	.096	24	15	.70	1010	.27	8.78	2.80	2.80	<4	8	<2	11	20	3	6
S1016	<2	56	735	281	1.5	9	6	461	3.62	124	16	<4	41	125	1.5	5	7	30	.33	.147	46	20	.38	532	.22	8.42	1.07	3.65	15	12	29	23	22	8	7
S1017	3	44	751	253	1.4	2	4	460	2.91	28	10	<4	35	100	1.8	<5	<5	17	.28	.135	43	9	.23	505	.19	7.91	1.10	3.78	14	10	33	17	20	9	5
S1018	8	76	569	390	1.3	5	6	634	3.81	56	<10	<4	45	95	1.9	<5	<5	25	.32	.149	57	13	.30	629	.17	7.53	1.19	3.24	11	11	32	30	17	11	6
S1019	2	30	271	245	.7	16	7	1124	3.24	71	<10	<4	32	138	2.2	7	5	49	.43	.129	35	36	.50	726	.27	8.71	.98	3.73	15	15	19	17	18	10	7
S1020	5	50	260	350	.9	5	7	2327	2.63	15	<10	<4	52	107	7.4	7	<5	15	.36	.163	64	6	.23	491	.22	8.48	1.03	4.20	14	12	40	35	25	25	6
L4975N 9775E	<2	38	9	266	<.5	60	25	996	5.52	496	<10	<4	12	324	1.5	<5	<5	119	.94	.088	41	99	1.34	837	.40	8.67	.98	2.38	13	22	8	14	9	8	13
L4975N 9800E	<2	25	13	119	<.5	26	10	379	4.62	369	<10	<4	11	158	.7	<5	<5	116	.49	.061	36	88	1.00	787	.47	8.40	.92	2.35	13	20	6	8	10	5	12
L4975N 9825E	<2	26	<5	114	<.5	36	15	405	4.76	78	<10	<4	13	166	.8	5	<5	126	.71	.057	36	102	1.23	1022	.45	8.99	1.17	2.48	6	27	<2	8	12	4	11
L4975N 9850E	<2	32	6	107	<.5	38	15	424	4.81	405	<10	<4	13	188	.7	<5	5	123	.79	.068	34	99	1.22	930	.43	8.59	1.19	2.35	6	28	4	8	11	4	12
L4975N 9875E	<2	37	10	137	<.5	58	28	601	6.53	340	<10	<4	13	134	.8	<5	<5	150	.51	.100	28	119	1.61	1004	.39	11.07	.93	3.11	9	21	8	7	10	5	15
L4975N 9900E	<2	27	10	125	<.5	38	19	701	5.66	469	<10	<4	12	142	.6	<5	<5	151	.58	.107	31	103	1.53	883	.39	9.49	.82	2.67	10	15	9	10	10	5	17
L4975N 9925E	<2	40	7	189	.6	48	20	877	5.05	941	<10	<4	13	201	1.5	<5	5	136	.91	.093	44	105	1.89	1059	.42	9.28	1.08	2.91	12	25	13	14	11	5	14
L4975N 9950E	<2	23	11	136	<.5	35	13	463	3.34	461	<10	<4	9	199	.8	<5	6	110	.84	.083	33	82	1.04	1031	.43	6.74	1.35	1.85	7	39	3	10	12	3	10
L4975N 9975E	<2	34	5	117	<.5	51	16	425	4.96	622	<10	<4	16	151	<.4	6	<5	132	.49	.056	43	114	1.35	1014	.47	9.77	.90	3.38	5	20	6	10	13	5	13
L4975N 10000E	<2	20	9	92	<.5	35	12	442	3.93	421	<10	<4	12	191	<.4	<5	<5	110	.91	.076	46	90	.97	991	.40	7.28	1.27	2.23	5	32	5	10	12	3	10
RE L4975N 10000E	<2	24	15	105	.5	40	13	489	4.27	478	14	<4	15	205	.6	9	<5	121	1.00	.084	48	98	1.08	1073	.44	7.89	1.34	2.39	6	36	2	11	13	4	11
L4975N 10025E	<2	20	11	91	<.5	39	13	505	4.15	479	<10	<4	13	201	.8	<5	<5	120	1.00	.067	42	100	1.14	1019	.45	7.76	1.32	2.43	7	32	4	10	13	4	11
L4975N 10050E	<2	19	8	95	<.5	37	13	540	3.71	1300	<10	<4	10	204	.4	<5	<5	112	1.13	.086	40	89	1.02	986	.41	6.99	1.36	2.06	<4	35	4	10	10	3	10
L4975N 10075E	2	31	<5	104	<.5	41	15	529	4.53	1339	<10	<4	13	183	.6	<5	<5	120	.84	.091	44	98	1.17	1077	.43	8.11	1.22	2.58	7	29	8	10	13	5	11
L4975N 10100E	<2	22	7	104	<.5	40	14	614	4.00	179	<10	<4	12	191	.6	7	<5	119	.99	.100	40	96	1.07	1066	.41	7.71	1.26	2.37	6	34	3	10	12	3	11
L4975N 10125E	<2	22	7	89	<.5	36	12	498	3.92	93	<10	<4	14	170	.8	5	<5	107	.78	.060	39	89	.96	1028	.40	8.22	1.14	2.68	4	31	4	8	11	4	11
L4975N 10150E	<2	17	8	86	<.5	34	10	433	3.51	48	<10	<4	9	186	.7	6	<5	114	.87	.081	34	87	1.23	1030	.39	7.31	1.44	2.10	<4	39	3	8	11	3	10
L4975N 10175E	<2	34	161	202	4.6	40	14	549	4.43	789	<10	<4	14	135	1.3	6	<5	120	.56	.073	45	110	1.26	1045	.43	8.85	.89	2.92	4	25	2	10	13	3	13
L4975N 10200E	<2	40	18	119	<.5	90	25	741	5.55	106	<10	<4	12	179	.7	<5	<5	163	1.23	.143	55	188	2.41	872	.62	8.47	1.22	2.21	<4	24	2	13	18	3	15
L5000N 9800E	<2	60	6	124	<.5	31	14	323	7.93	939	<10	<4	8	100	1.0	<5	<5	152	.18	.077	17	141	1.29	798	.39	13.19	.81	3.09	10	14	7	3	8	8	14
L5000N 9812E	<2	36	<5	119	<.5	39	16	470	5.20	1054	<10	<4	12	169	.7	<5	5	131	.75	.068	42	101	1.34	988	.46	8.88	1.25	2.33	7	30	6	9	12	6	12
L5000N 9825E	<2	41	<5	119	<.5	39	19	455	5.33	227	<10	<4	10	165	.5	<5	<5	131	.69	.066	36	101	1.48	989	.44	9.31	1.19	2.32	8	24	3	8	15	5	13
L5000N 9837E	<2	29	<5	128	<.5	46	20	377	6.36	87	<10	<4	9	115	1.2	<5	<5	149	.28	.065	25	120	1.63	870	.41	10.92	.81	2.56	8	21	4	5	15	5	14
L5000N 9850E	<2	35	<5	111	<.5	40	18	459	6.52	163	<10	<4	10	124	1.2	<5	<5	166	.36	.059	29	130	1.46	1013	.58	12.99	.97	2.79	24	19	2	7	31	5	16
L5025N 9700E	<2	17	6	114	<.5	213	37	1029	6.00	64	<10	<4	7	352	.4	<5	<5	151	2.40	.081	31	399	3.61	525	.46	6.63	.94	1.48	7	18	3	13	7	4	18
L5025N 9725E	<2	26	10	249	<.5	49	21	800	4.89	614	<10	<4	10	357	2.4	<5	<5	99	1.37	.072	40	92	1.43	805	.31	8.70	1.02	1.98	24	19	7	15	7	7	13
L5025N 9750E	<2	30	12	117	<.5	52	20	730	4.59	122	<10	<4	9	323	.8	7	<5	114	1.33	.051	38	96	1.43	880	.36	7.95	1.22	1.88	4	26	3	13	10	4	11
L5025N 9775E	<2	50	6	149	<.5	33	12	459	6.11	445	<10	<4	13	145	.7	<5	<5	157	.30	.091	38	119	.95	969	.60	10.87	.80	3.06	30	16	19	6	16	7	13
L5025N 9800E	<2	48	6	132	<.5	37	16	541	7.09	142	<10	<4	14	113	1.0	5	<5	159	.38	.073	37	111	1.78	794	.74	10.05	1.01	2.55	<4	19	7	6	22	6	15
STANDARD DST5	13	147	28	167	.7	32	15	1102	4.36	24	<10	<4	6	384	5.3	8	6	115	2.37	.115	23	227	1.15	702	.42	7.50	1.82	1.53	10	46	6	13	8	3	12

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
G-1	<2	4	7	60	<.5	4	5	915	2.78	<5	<10	<4	7	800	.5	10	<5	59	3.02	.100	21	15	.74	1036	.27	8.86	2.92	2.71	4	9	<2	12	29	4	6
L5025N 9825E	<2	35	10	118	<.5	34	16	442	6.11	250	<10	<4	10	131	.6	<5	<5	143	.53	.077	31	115	1.38	908	.43	10.43	1.01	2.44	<4	22	6	8	13	5	14
L5025N 9850E	<2	25	19	111	<.5	35	16	638	5.33	302	<10	<4	11	160	.4	10	5	128	.57	.093	35	94	1.10	840	.36	7.89	.76	2.21	9	21	8	9	13	4	10
L5025N 9875E	<2	31	<5	108	<.5	47	18	770	4.77	196	<10	<4	12	194	.7	8	<5	128	1.12	.095	42	100	1.85	1214	.38	8.27	1.19	2.22	5	25	5	12	9	3	12
L5025N 9900E	<2	23	8	209	.7	40	13	527	4.03	234	<10	<4	12	196	1.0	6	<5	110	1.07	.088	42	93	1.50	986	.33	7.92	1.14	2.26	<4	26	6	12	9	4	11
L5025N 9925E	<2	30	23	388	<.5	43	18	1076	4.62	583	<10	<4	11	188	1.4	5	<5	122	.70	.104	44	105	1.25	997	.36	8.08	.98	2.36	4	29	7	11	11	4	11
L5025N 9950E	<2	21	10	96	<.5	29	11	478	3.71	447	<10	<4	10	207	.4	5	<5	119	1.06	.088	39	93	1.02	1062	.37	7.04	1.37	2.04	9	36	3	11	16	3	10
L5025N 9975E	<2	19	7	90	<.5	31	10	420	3.72	422	<10	<4	10	183	.5	5	<5	121	.92	.086	37	96	.99	1049	.39	7.13	1.23	1.94	7	32	<2	10	16	3	10
L5025N 10000E	<2	55	26	155	<.5	78	34	842	6.36	2686	<10	<4	14	144	.6	<5	<5	129	.46	.074	85	118	1.31	1008	.40	9.02	.90	2.60	11	23	9	18	15	8	12
L5025N 10025E	<2	23	12	101	<.5	25	10	472	4.75	720	<10	<4	10	152	<.4	<5	<5	120	.49	.077	30	97	.88	909	.40	7.57	.96	2.41	7	26	6	7	16	3	10
L5025N 10050E	<2	31	8	113	.5	42	18	548	4.89	767	<10	<4	13	153	<.4	<5	<5	122	.62	.078	43	108	1.24	960	.47	8.52	.99	2.55	10	21	6	10	18	4	12
L5025N 10075E	<2	22	11	99	<.5	27	9	446	3.88	916	<10	<4	10	138	.5	<5	<5	108	.56	.105	32	90	.84	944	.36	7.29	.88	2.15	6	30	8	7	13	3	9
L5025N 10100E	<2	31	20	113	.6	40	17	571	4.37	1354	<10	<4	13	170	.4	<5	<5	120	.82	.087	50	99	1.20	1087	.39	8.51	1.09	2.42	6	29	4	12	13	5	12
L5025N 10125E	<2	26	12	105	<.5	38	15	581	4.02	67	<10	<4	10	173	<.4	6	<5	121	.90	.094	41	97	1.16	1087	.39	7.78	1.27	2.30	4	33	2	10	15	3	11
L5025N 10150E	<2	26	13	104	<.5	39	15	592	4.22	51	<10	<4	10	166	.7	<5	<5	112	.78	.079	39	102	1.22	1052	.42	8.19	1.20	2.47	<4	27	2	9	13	3	11
L5025N 10175E	<2	35	<5	105	<.5	60	21	691	4.83	37	<10	<4	10	183	<.4	5	<5	143	1.08	.102	49	147	1.89	991	.50	8.19	1.39	2.19	<4	30	<2	11	17	3	13
L5025N 10200E	<2	36	15	121	<.5	47	14	459	5.28	25	<10	<4	14	158	<.4	<5	<5	138	.84	.067	42	145	1.51	966	.49	8.65	1.08	2.15	<4	28	<2	9	18	3	13
RE L5025N 10200E	<2	35	14	120	<.5	47	15	465	5.26	26	<10	<4	13	155	<.4	6	<5	142	.84	.068	39	146	1.49	950	.50	8.51	1.09	2.43	4	29	2	8	16	4	12
L5425N 9700E	<2	41	10	107	<.5	32	18	572	4.35	93	<10	<4	10	313	<.4	5	<5	98	1.09	.118	43	74	1.12	922	.43	8.79	1.59	2.14	4	49	3	10	11	3	9
L5425N 9725E	<2	24	13	106	<.5	26	12	565	3.82	90	<10	<4	11	233	.5	<5	<5	115	.75	.201	38	75	.76	843	.31	7.05	.92	1.93	4	38	2	9	9	3	9
L5425N 9750E	<2	23	<5	91	<.5	30	14	503	3.95	59	<10	<4	9	286	<.4	<5	<5	106	1.16	.093	32	74	1.05	863	.46	7.64	1.59	2.11	5	42	3	9	15	3	9
L5425N 9775E	<2	46	15	128	<.5	75	55	931	5.35	1780	<10	<4	11	307	<.4	<5	<5	121	1.14	.110	49	83	1.03	715	.36	9.19	1.37	2.24	6	39	14	12	11	10	12
L5425N 9800E	<2	40	10	139	.5	64	30	708	4.75	403	<10	<4	13	253	<.4	<5	<5	124	1.13	.108	52	96	1.45	884	.45	8.37	1.41	2.13	9	34	7	14	12	5	11
L5425N 9825E	<2	27	14	127	<.5	41	18	693	4.58	537	<10	<4	11	263	.6	<5	<5	125	1.19	.107	43	100	1.42	919	.45	8.02	1.31	2.11	12	29	8	12	13	5	11
L5425N 9850E	<2	65	16	157	<.5	47	31	975	6.76	533	<10	<4	12	169	.6	<5	<5	172	.91	.121	41	104	2.19	1013	.61	9.49	.93	2.27	48	17	9	15	15	7	16
L5425N 9875E	<2	37	24	140	<.5	46	20	917	5.05	703	<10	<4	13	395	.7	<5	<5	119	1.30	.114	52	99	1.34	815	.36	8.68	1.06	2.15	7	28	4	17	11	4	12
L5425N 9900E	<2	35	23	127	<.5	48	24	1084	5.43	379	<10	<4	12	568	.4	<5	<5	106	1.24	.102	57	110	1.39	772	.37	9.19	.97	2.32	14	18	5	23	14	5	13
L5425N 9925E	<2	29	18	139	<.5	51	22	984	5.59	1368	10	<4	15	389	<.4	<5	16	110	1.15	.096	58	107	1.39	820	.41	8.71	1.07	2.22	6	26	8	19	15	4	14
L5425N 9950E	<2	36	12	116	<.5	50	23	785	4.89	193	<10	<4	12	474	.4	<5	7	94	1.35	.077	49	79	1.35	783	.36	8.87	1.43	2.22	5	38	4	15	12	4	11
L5425N 9975E	<2	32	20	128	<.5	45	20	914	4.95	500	<10	<4	14	403	<.4	<5	<5	106	1.31	.101	61	90	1.29	887	.39	9.33	1.32	2.38	13	43	7	17	15	5	13
STANDARD DST5	13	146	29	170	<.5	32	16	1108	4.49	24	<10	<4	7	376	5.5	7	6	116	2.43	.115	23	227	1.13	688	.40	7.18	1.77	1.52	10	44	6	14	8	3	12

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Solomon Resources File # A304352 Page 1
900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
G-1	<2	3	12	45	<.5	5	4	741	2.45	<5	<10	<4	6	734	.8	<5	<5	51	2.63	.091	26	11	.60	951	.26	8.15	2.69	2.15	4	7	<2	15	21	3	5
5600N 9875E	<2	44	17	113	<.5	52	27	578	5.37	245	<10	<4	12	159	<.4	<5	<5	140	.71	.106	39	96	1.14	793	.57	7.55	1.16	2.40	8	22	3	12	14	4	9
5600N 9887E	<2	58	33	156	<.5	70	41	796	7.60	486	<10	<4	10	97	1.2	7	8	153	.23	.115	27	102	1.19	905	.48	9.64	.63	3.08	18	11	13	6	18	6	12
5600N 9900E	<2	39	8	140	<.5	72	38	874	7.13	139	<10	<4	7	179	.7	<5	6	164	.17	.107	31	105	.51	863	.58	9.67	.70	3.26	18	8	2	10	19	6	14
5600N 9913E	<2	34	17	131	<.5	40	20	830	5.51	646	<10	<4	11	251	.8	<5	5	119	.93	.129	54	77	1.28	757	.46	8.00	1.14	2.52	13	33	12	15	12	6	10
5600N 9925E	<2	38	24	147	<.5	56	26	854	5.97	1101	<10	<4	11	323	.7	<5	<5	131	.85	.095	47	95	1.07	705	.45	8.29	.91	2.70	10	21	7	19	13	5	10
5600N 9938E	<2	39	26	137	<.5	55	24	930	6.03	719	<10	<4	12	355	1.0	7	<5	134	1.19	.112	52	101	1.16	743	.53	8.55	1.05	2.71	16	19	7	24	19	5	12
5600N 9950E	<2	40	19	135	<.5	60	29	1052	6.29	777	<10	<4	14	436	.7	<5	<5	130	1.08	.093	56	100	1.27	738	.50	8.85	.91	2.90	36	19	7	24	15	5	12
5600N 9963E	<2	36	30	126	<.5	48	19	965	5.91	1076	<10	<4	15	505	.7	<5	8	114	1.35	.100	63	93	1.22	757	.45	8.30	1.12	2.64	13	27	5	35	13	4	12
5600N 9975E	<2	30	40	131	<.5	41	15	510	4.80	392	<10	<4	14	440	.8	5	7	107	1.25	.100	48	82	1.12	720	.45	7.65	1.09	2.48	19	29	6	24	13	4	10
5600N 9987E	<2	27	61	137	<.5	38	14	697	4.65	253	<10	<4	13	343	.7	<5	<5	117	1.25	.095	38	89	1.14	702	.49	7.81	1.04	2.65	13	20	6	19	13	4	10
5600N 10000E	<2	24	67	148	<.5	34	13	662	4.17	183	<10	<4	16	358	.9	<5	<5	103	1.07	.109	35	74	.98	771	.41	7.65	1.19	2.63	8	27	8	14	14	4	9
5600N 10025E	<2	23	20	98	<.5	41	16	648	4.84	193	<10	<4	11	546	.5	<5	<5	116	1.63	.069	48	94	1.09	734	.51	7.56	1.19	2.33	6	25	3	22	18	3	10
5600N 10050E	<2	24	24	124	<.5	58	23	883	5.30	483	<10	<4	13	412	.7	<5	<5	110	1.13	.098	45	89	1.14	781	.43	7.64	1.08	2.52	8	23	5	21	15	4	10
5600N 10075E	<2	37	28	146	<.5	71	31	1635	7.24	1043	<10	<4	13	629	.9	<5	<5	101	.99	.095	65	96	1.35	647	.42	8.45	.81	2.70	38	17	6	40	19	6	12
5600N 10100E	<2	27	24	148	<.5	56	25	1450	6.38	906	<10	<4	10	651	.9	<5	<5	98	.97	.104	43	89	1.20	639	.37	7.96	.83	2.61	7	18	4	25	13	4	10
5600N 10125E	<2	29	36	123	<.5	39	13	524	4.49	1031	<10	<4	13	328	.7	<5	<5	109	1.18	.136	66	94	1.16	835	.43	8.35	1.20	2.51	6	39	7	22	14	3	11
5600N 10150E	<2	18	14	68	<.5	15	7	371	2.83	301	<10	<4	9	350	.5	<5	7	84	1.30	.105	31	53	.78	811	.38	7.41	1.74	2.26	5	58	4	8	9	2	7
RE 5600N 10150E	<2	21	15	69	<.5	17	7	367	2.83	302	<10	<4	8	346	<.4	<5	<5	84	1.30	.104	30	53	.78	796	.38	7.31	1.73	2.25	<4	58	3	8	9	2	7
5600N 10175E	<2	21	17	83	<.5	38	10	448	4.12	239	<10	<4	9	234	.8	<5	6	122	1.13	.093	38	109	1.11	812	.53	7.52	1.31	2.24	6	32	2	12	12	2	10
5600N 10200E	<2	26	82	112	<.5	28	10	527	4.01	780	<10	<4	11	179	.5	<5	7	122	.77	.069	40	87	.82	825	.50	7.16	.97	2.56	12	30	7	12	18	3	9
5600N 10225E	<2	33	28	86	.5	26	11	725	2.94	548	<10	<4	10	334	.6	5	<5	67	1.39	.138	80	58	.79	755	.31	7.07	1.55	2.09	4	51	3	34	10	2	7
5600N 10250E	<2	24	35	103	<.5	28	11	527	4.79	539	<10	<4	10	174	<.4	<5	6	138	.60	.116	34	109	.90	874	.54	8.14	.82	2.06	8	24	2	9	18	3	10
5600N 10275E	<2	27	25	100	.5	30	11	563	4.03	360	<10	<4	13	286	.5	5	8	101	1.31	.138	61	81	.99	821	.56	8.02	1.51	2.33	6	46	<2	26	18	3	10
5600N 10300E	<2	53	327	203	.8	33	21	1378	5.32	1366	<10	<4	15	190	1.2	<5	7	89	1.14	.293	97	77	.82	582	.27	6.51	.59	1.42	10	23	4	49	8	4	10
5600N 10325E	<2	21	13	65	<.5	8	6	422	2.17	98	<10	<4	6	498	.4	<5	<5	41	1.86	.091	40	16	.58	779	.22	7.30	2.35	2.14	<4	84	<2	21	3	1	5
5500N 10025E	<2	32	22	119	<.5	51	22	973	5.63	442	<10	<4	13	604	.6	<5	<5	107	1.28	.096	52	92	1.21	749	.41	7.92	.95	2.27	11	21	7	29	16	4	11
5500N 10050E	<2	21	11	79	<.5	23	10	610	3.91	559	<10	<4	9	356	.7	<5	<5	115	1.69	.114	47	65	.99	762	.54	7.59	1.72	2.16	9	49	3	17	13	3	10
5500N 10075E	<2	19	15	95	<.5	37	18	965	4.86	277	<10	<4	7	306	<.4	6	<5	159	2.29	.096	37	121	1.51	736	.67	7.29	1.57	1.88	6	34	<2	18	16	2	14
5500N 10100E	<2	23	18	95	<.5	25	15	1498	3.76	805	<10	<4	11	270	<.4	<5	<5	109	1.39	.195	63	70	.89	861	.46	6.89	1.30	2.07	<4	63	2	26	10	2	10
5500N 10125E	<2	26	21	106	.5	48	15	877	4.81	470	<10	<4	11	233	.6	8	<5	140	1.14	.127	42	119	1.44	719	.48	7.51	1.34	2.00	7	27	5	14	16	2	12
5500N 10150E	<2	20	10	70	<.5	19	8	439	2.86	221	<10	<4	7	396	.5	<5	<5	78	1.44	.098	34	54	.83	828	.37	7.46	2.03	2.16	4	71	<2	11	9	2	7
5500N 10175E	<2	30	25	133	<.5	104	28	853	5.33	198	<10	<4	12	220	<.4	<5	<5	138	1.07	.089	48	208	1.85	846	.60	8.00	1.18	1.83	5	36	<2	16	16	3	12
5500N 10200E	<2	31	21	93	<.5	18	7	382	4.01	140	<10	<4	8	255	.4	<5	<5	85	.76	.050	38	56	.72	924	.38	7.88	1.50	2.56	5	51	2	9	14	2	7
5500N 10225E	<2	55	21	78	<.5	36	14	446	4.76	243	<10	<4	11	218	.4	<5	<5	104	.65	.104	35	77	.83	800	.30	7.57	.97	2.14	5	33	3	7	7	2	8
STANDARD DST5	12	135	26	149	.5	30	14	1012	4.17	24	<10	<4	6	351	5.3	7	7	113	2.21	.105	25	192	1.15	694	.42	6.96	1.71	1.39	10	43	5	14	10	2	12

GROUP 1E - 1.00 GM SAMPLE DIGESTED WITH HCLO4-HNO3-HCL-HF TO 40 ML. UPPER LIMITS - AG, AU, W = 200 PPM; MO, CO, CD, SB, BI, TH & U = 4,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. DIGESTION IS PARTIAL FOR SOME MINERALS & MAY VOLATIZE SOME ELEMENTS, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 16 2003 DATE REPORT MAILED: Oct 3/2003 SIGNED BY: ...D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm
G-1	<2	4	20	48	.5	6	4	773	2.51	<5	<10	<4	8	770	<.4	9	<5	54	2.61	.094	28	16	.65	991	.23	8.15	2.71	2.31	4	8	<2	15	22	3	6
5500N 10250E	<2	30	25	114	<.5	39	14	480	5.12	129	<10	<4	12	225	.4	<5	<5	132	1.03	.085	53	116	1.31	915	.50	8.45	1.07	2.58	<4	40	<2	14	16	3	15
5500N 10275E	<2	27	27	98	<.5	29	12	468	3.99	89	<10	<4	11	261	.6	<5	<5	88	.93	.083	51	91	.93	881	.38	7.68	1.23	2.48	4	51	<2	13	13	2	11
5500N 10300E	<2	25	22	81	<.5	18	8	427	3.02	76	<10	<4	9	383	.4	5	<5	61	1.25	.092	44	49	.71	936	.28	7.93	1.90	2.61	<4	82	<2	15	9	2	8
STANDARD DST5	13	137	29	154	<.5	31	14	1072	4.25	23	<10	<4	5	384	5.4	7	6	110	2.25	.106	25	185	1.26	691	.40	7.22	1.75	1.48	8	45	7	14	10	2	13

Sample type: SOIL SS80 60C.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date 2/1 FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Solomon Resources File # A304352R Page 1
900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Au* ppb
5600N 9875E	6.0
5600N 9887E	75.0
5600N 9900E	2.7
5600N 9913E	.9
5600N 9925E	5.3
5600N 9938E	4.9
5600N 9950E	7.3
5600N 9963E	16.7
5600N 9975E	5.1
5600N 9987E	2.2
5600N 10000E	1.7
5600N 10025E	1.0
5600N 10050E	1.3
5600N 10075E	2.2
5600N 10100E	1.7
5600N 10125E	5.4
5600N 10150E	2.1
RE 5600N 10150E	1.4
5600N 10175E	1.3
5600N 10200E	2.7
5600N 10225E	3.3
5600N 10250E	.5
5600N 10275E	1.0
5600N 10300E	4.6
5600N 10325E	.3
5500N 10025E	5.3
5500N 10050E	1.3
5500N 10075E	1.3
5500N 10100E	1.5
5500N 10125E	.8
5500N 10150E	.6
5500N 10175E	1.0
5500N 10200E	.6
5500N 10225E	.2
STANDARD DS5	43.7

AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)
- SAMPLE TYPE: SOIL PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 9 2003 DATE REPORT MAILED: Oct 18/2003 SIGNED BY. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Au* ppb
5500N 10250E	1.5
5500N 10275E	4.1
5500N 10300E	.2
STANDARD DS5	41.1

Sample type: SOIL PULP.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

WHOLE ROCK ICP ANALYSIS

Solomon Resources File # A305569
900 - 475 Howe St., Vancouver BC V6C 2B3 Submitted by: Daniele Heon

SAMPLE#	Cr2O3 %
Amph #1	.010
Amph #2	<.001
Amph #3	<.001
STANDARD SO-17	.437

GROUP 4A - 0.200 GM SAMPLE BY LIBO2 FUSION, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: ROCK R150

DATE RECEIVED: NOV 10 2003 **DATE REPORT MAILED:** Nov 21/03 **SIGNED BY:** C.L. ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

ELEMENT		Ag	As	Au	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn		Al	Au	Ba	Ca	Co	Fe
SAMPLES		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		%	ppm	ppm	%	ppm	%
L4975N 9775E		0.25	496	1.3	8	2.5	1.5	99	38	1	9	8	13	266		8.67	< 4	837	0.94	25	5.52
L4976N 9800E		0.25	369	1.2	5	2.5	0.7	88	25	1	13	6	13	119		8.4	< 4	787	0.49	10	4.62
L4975N 9825E		0.25	78	0.9	4	2.5	0.8	102	26	1	2.5	1	6	114		8.99	< 4	1022	0.71	15	4.76
L4975N 9850E		0.25	405	2	4	5	0.7	99	32	1	6	4	6	107		8.59	< 4	930	0.79	15	4.81
L4975N 9875E		0.25	340	2.8	5	2.5	0.8	119	37	1	10	8	9	137		11.07	< 4	1004	0.51	28	6.53
L4975N 9900E		0.25	469	2.8	5	2.5	0.6	103	27	1	10	9	10	125		9.49	< 4	883	0.58	19	5.66
L4975N 9925E		0.6	**941**	8	5	5	1.5	105	40	1	7	13	12	189		9.28	< 4	1059	0.91	20	5.05
L4975N 9950E		0.25	461	5.4	3	6	0.8	82	23	1	11	3	7	136		6.74	< 4	1031	0.84	13	3.34
L4975N 9975E		0.25	622	2.7	5	2.5	0.2	114	34	1	5	6	5	117		9.77	< 4	1014	0.49	16	4.96
L4975N 10000E		0.25	421	4.4	3	2.5	0.2	90	20	1	9	5	5	92		7.28	< 4	991	0.91	12	3.93
RE L4975N 10000E		0.5	478	1.7	4	2.5	0.6	98	24	1	15	2	6	105		7.89	< 4	1073	1	13	4.27
L4975N 10025E		0.25	479	3.2	4	2.5	0.8	100	20	1	11	4	7	91		7.76	< 4	1019	1	13	4.15
L4975N 10050E		0.25	**1300**	2.3	3	2.5	0.4	89	19	1	8	4	2	95		6.99	< 4	986	1.13	13	3.71
L4975N 10075E		0.25	**1339**	3	5	2.5	0.6	98	31	2	2.5	8	7	104		8.11	< 4	1077	0.84	15	4.53
L4975N 10100E		0.25	179	1.6	3	2.5	0.6	96	22	1	7	3	6	104		7.71	< 4	1066	0.99	14	4
L4975N 10125E		0.25	93	3.6	4	2.5	0.8	89	22	1	7	4	4	89		8.22	< 4	1028	0.78	12	3.92
L4975N 10150E		0.25	48	2.3	3	2.5	0.7	87	17	1	8	3	2	86		7.31	< 4	1030	0.87	10	3.51
L4975N 10175E		4.6	**789**	**44.9**	3	2.5	1.3	110	34	1	161	2	4	202		8.85	< 4	1045	0.56	14	4.43
L4975N 10200E		0.25	106	2.5	3	2.5	0.7	**188**	40	1	18	2	2	119		8.47	< 4	872	1.23	25	5.55
L5000N 9800E		0.25	**939**	2.2	8	2.5	1	141	60	1	6	7	10	124		13.19	< 4	798	0.18	14	7.93
L5000N 9812E		0.25	**1054**	2.8	6	5	0.7	101	36	1	2.5	6	7	119		8.88	< 4	988	0.75	16	5.2
L5000N 9825E		0.25	227	4.7	5	2.5	0.5	101	41	1	2.5	3	8	119		9.31	< 4	989	0.69	19	5.33
L5000N 9837E		0.25	87	1	5	2.5	1.2	120	29	1	2.5	4	8	128		10.92	< 4	870	0.28	20	6.36
L5000N 9850E		0.25	163	0.5	5	2.5	1.2	130	35	1	2.5	2	24	111		12.99	< 4	1013	0.36	18	6.52
L5025N 9700E		0.25	64	1	4	2.5	0.4	**399**	17	1	6	3	7	114		6.63	< 4	525	2.4	37	6
L5025N 9725E		0.25	614	1.3	7	2.5	2.4	92	26	1	10	7	24	249		8.7	< 4	805	1.37	21	4.89
L5025N 9750E		0.25	122	0.7	4	2.5	0.8	96	30	1	12	3	4	117		7.95	< 4	880	1.33	20	4.59
L5025N 9775E		0.25	445	0.3	7	2.5	0.7	119	50	1	6	19	30	149		10.87	< 4	969	0.3	12	6.11
L5025N 9800E		0.25	142	0.7	6	2.5	1	111	48	1	6	7	2	132		10.05	< 4	794	0.38	16	7.09
L5025N 9825E		0.25	250	2	5	2.5	0.6	115	35	1	10	6	2	118		10.43	< 4	908	0.53	16	6.11
L5025N 9850E		0.25	302	0.9	4	5	0.4	94	25	1	19	8	9	111		7.89	< 4	840	0.57	16	5.33
L5025N 9875E		0.25	196	2.5	3	2.5	0.7	100	31	1	2.5	5	5	108		8.27	< 4	1214	1.12	18	4.77
L5025N 9900E		0.7	234	2.1	4	2.5	1	93	23	1	8	6	2	209		7.92	< 4	986	1.07	13	4.03
L5025N 9925E		0.25	583	5.3	4	2.5	1.4	105	30	1	23	7	4	**388**		8.08	< 4	997	0.7	18	4.62
L5025N 9950E		0.25	447	2	3	2.5	0.4	93	21	1	10	3	9	96		7.04	< 4	1062	1.06	11	3.71
L5025N 9975E		0.25	422	1.7	3	2.5	0.5	96	19	1	7	1	7	90		7.13	< 4	1049	0.92	10	3.72
L5025N 10000E		0.25	**2686**	6.8	8	2.5	0.6	118	55	1	26	9	11	155		9.02	< 4	1008	0.46	34	6.36
L5025N 10025E		0.25	720	2.6	3	2.5	0.2	97	23	1	12	6	7	101		7.57	< 4	909	0.49	10	4.75
L5025N 10050E		0.5	767	**8.6**	4	2.5	0.2	108	31	1	8	6	10	113		8.52	< 4	960	0.62	18	4.89

ELEMENT		K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES		%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L4975N 9775E		2.38	41	1.34	996	0.98	9	60	0.088	2.5	13	324	12	0.4	5	119	14	22
L4975N 9800E		2.35	36	1	379	0.92	10	26	0.061	2.5	12	158	11	0.47	5	116	8	20
L4975N 9825E		2.48	36	1.23	405	1.17	12	36	0.057	5	11	166	13	0.45	5	126	8	27
L4975N 9850E		2.35	34	1.22	424	1.19	11	38	0.068	2.5	12	188	13	0.43	5	123	8	28
L4975N 9875E		3.11	28	1.61	601	0.93	10	58	0.1	2.5	15	134	13	0.39	5	150	7	21
L4975N 9900E		2.67	31	1.53	701	0.82	10	38	0.107	2.5	17	142	12	0.39	5	151	10	15
L4975N 9925E		2.91	44	1.89	877	1.08	11	48	0.093	2.5	14	201	13	0.42	5	136	14	25
L4975N 9950E		1.85	33	1.04	463	1.35	12	35	0.083	2.5	10	199	9	0.43	5	110	10	39
L4975N 9975E		3.38	43	1.35	425	0.9	13	51	0.056	6	13	151	16	0.47	5	132	10	20
L4975N 10000E		2.23	46	0.97	442	1.27	12	35	0.076	2.5	10	191	12	0.4	5	110	10	32
RE L4975N 10000E		2.39	48	1.08	489	1.34	13	40	0.084	9	11	205	15	0.44	14	121	11	36
L4975N 10025E		2.43	42	1.14	505	1.32	13	39	0.067	2.5	11	201	13	0.45	5	120	10	32
L4975N 10050E		2.06	40	1.02	540	1.36	10	37	0.086	2.5	10	204	10	0.41	5	112	10	35
L4975N 10075E		2.58	44	1.17	529	1.22	13	41	0.091	2.5	11	183	13	0.43	5	120	10	29
L4975N 10100E		2.37	40	1.07	614	1.26	12	40	0.1	7	11	191	12	0.41	5	119	10	34
L4975N 10125E		2.68	39	0.96	498	1.14	11	36	0.06	5	11	170	14	0.4	5	107	8	31
L4975N 10150E		2.1	34	1.23	433	1.44	11	34	0.081	6	10	186	9	0.39	5	114	8	39
L4975N 10175E		2.92	45	1.26	549	0.89	13	40	0.073	6	13	135	14	0.43	5	120	10	25
L4975N 10200E		2.21	55	2.41	741	1.22	18	90	0.143	2.5	15	179	12	0.62	5	163	13	24
L5000N 9800E		3.09	17	1.29	323	0.81	8	31	0.077	2.5	14	100	8	0.39	5	152	3	14
L5000N 9812E		2.33	42	1.34	470	1.25	12	39	0.068	2.5	12	169	12	0.46	5	131	9	30
L5000N 9825E		2.32	36	1.48	455	1.19	15	39	0.066	2.5	13	165	10	0.44	5	131	8	24
L5000N 9837E		2.56	25	1.63	377	0.81	15	46	0.065	2.5	14	115	9	0.41	5	149	5	21
L5000N 9850E		2.79	29	1.46	459	0.97	31	40	0.059	2.5	16	124	10	0.58	5	166	7	19
L5025N 9700E		1.48	31	3.61	1029	0.94	7	213	0.081	2.5	18	352	7	0.46	5	151	13	18
L5025N 9725E		1.98	40	1.43	800	1.02	7	49	0.072	2.5	13	357	10	0.31	5	99	15	19
L5025N 9750E		1.88	38	1.43	730	1.22	10	52	0.051	7	11	323	9	0.36	5	114	13	26
L5025N 9775E		3.06	38	0.95	459	0.8	16	33	0.091	2.5	13	145	13	0.6	5	157	6	16
L5025N 9800E		2.55	37	1.78	541	1.01	22	37	0.073	5	15	113	14	0.74	5	159	6	19
L5025N 9825E		2.44	31	1.38	442	1.01	13	34	0.077	2.5	14	131	10	0.43	5	143	8	22
L5025N 9850E		2.21	35	1.1	638	0.76	13	35	0.093	10	10	160	11	0.36	5	128	9	21
L5025N 9875E		2.22	42	1.85	770	1.19	9	47	0.095	8	12	194	12	0.38	5	128	12	25
L5025N 9900E		2.26	42	1.5	527	1.14	9	40	0.088	6	11	196	12	0.33	5	110	12	26
L5025N 9925E		2.36	44	1.25	1076	0.98	11	43	0.104	5	11	188	11	0.36	5	122	11	29
L5025N 9950E		2.04	39	1.02	478	1.37	16	29	0.088	5	10	207	10	0.37	5	119	11	36
L5025N 9975E		1.94	37	0.99	420	1.23	16	31	0.086	5	10	183	10	0.39	5	121	10	32
L5025N 10000E		2.6	85	1.31	842	0.9	15	78	0.074	2.5	12	144	14	0.4	5	129	18	23
L5025N 10025E		2.41	30	0.88	472	0.96	16	25	0.077	2.5	10	152	10	0.4	5	120	7	26
L5025N 10050E		2.55	43	1.24	548	0.99	18	42	0.078	2.5	12	153	13	0.47	5	122	10	21

ELEMENT		Ag	As	Au	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn		Al	*Au*	Ba	Ca	Co	Fe
SAMPLES		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		%	*ppm*	ppm	%	ppm	%
L5025N 10075E		0.25	**916**	1	3	2.5	0.5	90	22	1	11	8	6	99		7.29	*< 4*	944	0.56	9	3.88
L5025N 10100E		0.6	**1354**	7	5	2.5	0.4	99	31	1	20	4	6	113		8.51	*< 4*	1087	0.82	17	4.37
L5025N 10125E		0.25	67	3.3	3	2.5	0.2	97	26	1	12	2	4	105		7.78	*< 4*	1087	0.9	15	4.02
L5025N 10150E		0.25	51	1.1	3	2.5	0.7	102	26	1	13	2	2	104		8.19	*< 4*	1052	0.78	15	4.22
L5025N 10175E		0.25	37	1.6	3	2.5	0.2	147	35	1	2.5	1	2	105		8.19	*< 4*	991	1.08	21	4.83
L5025N 10200E		0.25	25	2.2	3	2.5	0.2	145	36	1	15	1	2	121		8.65	*< 4*	966	0.84	14	5.28
RE L5025N 10200E		0.25	26	2	4	2.5	0.2	146	35	1	14	2	4	120		8.51	*< 4*	950	0.84	15	5.26
L5425N 9700E		0.25	93	1	3	2.5	0.2	74	41	1	10	3	4	107		8.79	*< 4*	922	1.09	18	4.35
L5425N 9725E		0.25	90	1.9	3	2.5	0.5	75	24	1	13	2	4	106		7.05	*< 4*	843	0.75	12	3.82
L5425N 9750E		0.25	59	4.6	3	2.5	0.2	74	23	1	2.5	3	5	91		7.64	*< 4*	863	1.16	14	3.95
L5425N 9775E		0.25	**1780**	6.5	**10**	2.5	0.2	83	46	1	15	14	6	128		9.19	*< 4*	715	1.14	55	5.35
L5425N 9800E		0.5	403	**9.1**	5	2.5	0.2	96	40	1	10	7	9	139		8.37	*< 4*	884	1.13	30	4.75
L5425N 9825E		0.25	537	1.8	5	2.5	0.6	100	27	1	14	8	12	127		8.02	*< 4*	919	1.19	18	4.58
L5425N 9850E		0.25	533	2.4	7	2.5	0.6	104	**65**	1	16	9	**48**	157		9.49	*< 4*	1013	0.91	31	6.76
L5425N 9875E		0.25	703	2	4	2.5	0.7	99	37	1	24	4	7	140		8.68	*< 4*	815	1.3	20	5.05
L5425N 9900E		0.25	379	2.3	5	2.5	0.4	110	35	1	23	5	14	127		9.19	*< 4*	772	1.24	24	5.43
L5425N 9925E		0.25	**1368**	**15.5**	4	**16**	0.2	107	29	1	18	8	6	139		8.71	*< 4*	820	1.15	22	5.59
L5425N 9950E		0.25	193	0.7	4	7	0.4	79	36	1	12	4	5	116		8.87	*< 4*	783	1.35	23	4.89
L5425N 9975E		0.25	500	2.6	5	2.5	0.2	90	32	1	20	7	13	128		9.33	*< 4*	887	1.31	20	4.95
5500N 10025E		0.25	442	5.3	4	2.5	0.6	92	32	1	22	7	11	119		7.92	*< 4*	749	1.28	22	5.63
5500N 10050E		0.25	559	1.3	3	2.5	0.7	65	21	1	11	3	9	79		7.59	*< 4*	762	1.69	10	3.91
5500N 10075E		0.25	277	1.3	2	2.5	0.2	121	19	1	15	1	6	95		7.29	*< 4*	736	2.29	18	4.86
5500N 10100E		0.25	805	1.5	2	2.5	0.2	70	23	1	18	2	2	95		6.89	*< 4*	861	1.39	15	3.76
5500N 10125E		0.5	470	0.8	2	2.5	0.6	119	26	1	21	5	7	106		7.51	*< 4*	719	1.14	15	4.81
5500N 10150E		0.25	221	0.6	2	2.5	0.5	54	20	1	10	1	4	70		7.46	*< 4*	828	1.44	8	2.86
5500N 10175E		0.25	198	1	3	2.5	0.2	**208**	30	1	25	1	5	133		8	*< 4*	846	1.07	28	5.33
5500N 10200E		0.25	140	0.6	2	2.5	0.4	56	31	1	21	2	5	93		7.88	*< 4*	924	0.76	7	4.01
5500N 10225E		0.25	243	0.2	2	2.5	0.4	77	55	1	21	3	5	78		7.57	*< 4*	800	0.65	14	4.76
5500N 10250E		0.25	129	1.5	3	2.5	0.4	116	30	1	25	1	2	114		8.45	*< 4*	915	1.03	14	5.12
5500N 10275E		0.25	89	4.1	2	2.5	0.6	91	27	1	27	1	4	98		7.68	*< 4*	881	0.93	12	3.99
5500N 10300E		0.25	76	0.2	2	2.5	0.4	49	25	1	22	1	2	81		7.93	*< 4*	936	1.25	8	3.02
5600N 9875E		0.25	245	6	4	2.5	0.2	96	44	1	17	3	8	113		7.55	*< 4*	793	0.71	27	5.37
5600N 9887E		0.25	**486**	**75**	6	8	1.2	102	58	1	33	13	18	156		9.64	*< 4*	905	0.23	41	7.6
5600N 9900E		0.25	139	2.7	6	6	0.7	105	39	1	8	2	18	140		9.67	*< 4*	863	0.17	38	7.13
5600N 9913E		0.25	646	0.9	6	5	0.8	77	34	1	17	12	13	131		8	*< 4*	757	0.93	20	5.51
5600N 9925E		0.25	**1101**	5.3	5	2.5	0.7	95	38	1	24	7	10	147		8.29	*< 4*	705	0.85	26	5.97
5600N 9938E		0.25	719	4.9	5	2.5	1	101	39	1	26	7	16	137		8.55	*< 4*	743	1.19	24	6.03
5600N 9950E		0.25	777	7.3	5	2.5	0.7	100	40	1	19	7	**36**	135		8.85	*< 4*	738	1.08	29	6.29
5600N 9963E		0.25	**1076**	**16.7**	4	8	0.7	93	36	1	30	5	13	126		8.3	*< 4*	757	1.35	19	5.91

ELEMENT		K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES		%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L5025N 10075E		2.15	32	0.84	446	0.88	13	27	0.105	2.5	9	138	10	0.36	5	108	7	30
L5025N 10100E		2.42	50	1.2	571	1.09	13	40	0.087	2.5	12	170	13	0.39	5	120	12	29
L5025N 10125E		2.3	41	1.16	581	1.27	15	38	0.094	6	11	173	10	0.39	5	121	10	33
L5025N 10150E		2.47	39	1.22	592	1.2	13	39	0.079	2.5	11	166	10	0.42	5	112	9	27
L5025N 10175E		2.19	49	1.89	691	1.39	17	60	0.102	5	13	183	10	0.5	5	143	11	30
L5025N 10200E		2.15	42	1.51	459	1.08	18	47	0.067	2.5	13	158	14	0.49	5	138	9	28
RE L5025N 10200E		2.43	39	1.49	465	1.09	16	47	0.068	6	12	155	13	0.5	5	142	8	29
L5425N 9700E		2.14	43	1.12	572	1.59	11	32	0.118	5	9	313	10	0.43	5	98	10	49
L5425N 9725E		1.93	38	0.76	565	0.92	9	26	0.201	2.5	9	233	11	0.31	5	115	9	38
L5425N 9750E		2.11	32	1.05	503	1.59	15	30	0.093	2.5	9	286	9	0.46	5	106	9	42
L5425N 9775E		2.24	49	1.03	931	1.37	11	75	0.11	2.5	12	307	11	0.36	5	121	12	39
L5425N 9800E		2.13	52	1.45	708	1.41	12	64	0.108	2.5	11	253	13	0.45	5	124	14	34
L5425N 9825E		2.11	43	1.42	693	1.31	13	41	0.107	2.5	11	263	11	0.45	5	125	12	29
L5425N 9850E		2.27	41	2.19	975	0.93	15	47	0.121	2.5	16	169	12	0.61	5	172	15	17
L5425N 9875E		2.15	52	1.34	917	1.06	11	46	0.114	2.5	12	395	13	0.36	5	119	17	28
L5425N 9900E		2.32	57	1.39	1084	0.97	14	48	0.102	2.5	13	568	12	0.37	5	106	23	18
L5425N 9925E		2.22	58	1.39	984	1.07	15	51	0.096	2.5	14	389	15	0.41	10	110	19	26
L5425N 9950E		2.22	49	1.35	785	1.43	12	50	0.077	2.5	11	474	12	0.36	5	94	15	38
L5425N 9975E		2.38	61	1.29	914	1.32	15	45	0.101	2.5	13	403	14	0.39	5	106	17	43
5500N 10025E		2.27	52	1.21	973	0.95	16	51	0.096	2.5	11	604	13	0.41	5	107	29	21
5500N 10050E		2.16	47	0.99	610	1.72	13	23	0.114	2.5	10	356	9	0.54	5	115	17	49
5500N 10075E		1.88	37	1.51	965	1.57	16	37	0.096	6	14	306	7	0.67	5	159	18	34
5500N 10100E		2.07	63	0.89	1498	1.3	10	25	0.195	2.5	10	270	11	0.46	5	109	26	63
5500N 10125E		2	42	1.44	877	1.34	16	48	0.127	8	12	233	11	0.48	5	140	14	27
5500N 10150E		2.16	34	0.83	439	2.03	9	19	0.098	2.5	7	396	7	0.37	5	78	11	71
5500N 10175E		1.83	48	1.85	853	1.18	16	104	0.089	2.5	12	220	12	0.6	5	138	16	36
5500N 10200E		2.56	38	0.72	382	1.5	14	18	0.05	2.5	7	255	8	0.38	5	85	9	51
5500N 10225E		2.14	35	0.83	446	0.97	7	36	0.104	2.5	8	218	11	0.3	5	104	7	33
5500N 10250E		2.58	53	1.31	480	1.07	16	39	0.085	2.5	15	225	12	0.5	5	132	14	40
5500N 10275E		2.48	51	0.93	468	1.23	13	29	0.083	2.5	11	261	11	0.38	5	88	13	51
5500N 10300E		2.61	44	0.71	427	1.9	9	18	0.092	5	8	383	9	0.28	5	61	15	82
5600N 9875E		2.4	39	1.14	578	1.16	14	52	0.106	2.5	9	159	12	0.57	5	140	12	22
5600N 9887E		3.08	27	1.19	796	0.63	18	70	0.115	7	12	97	10	0.48	5	153	6	11
5600N 9900E		3.26	31	0.51	874	0.7	19	72	0.107	2.5	14	179	7	0.58	5	164	10	8
5600N 9913E		2.52	54	1.28	830	1.14	12	40	0.129	2.5	10	251	11	0.46	5	119	15	33
5600N 9925E		2.7	47	1.07	854	0.91	13	56	0.095	2.5	10	323	11	0.45	5	131	19	21
5600N 9938E		2.71	52	1.16	930	1.05	19	55	0.112	7	12	355	12	0.53	5	134	24	19
5600N 9950E		2.9	56	1.27	1052	0.91	15	60	0.093	2.5	12	436	14	0.5	5	130	24	19
5600N 9963E		2.64	63	1.22	965	1.12	13	48	0.1	2.5	12	505	15	0.45	5	114	35	27

ELEMENT		Ag	As	Au	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn		Al	*Au*	Ba	Ca	Co	Fe
SAMPLES		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		%	*ppm*	ppm	%	ppm	%
5600N 9975E		0.25	392	5.1	4	7	0.8	82	30	1	40	6	19	131		7.65	*< 4*	720	1.25	15	4.8
5600N 9987E		0.25	253	2.2	4	2.5	0.7	89	27	1	61	6	13	137		7.81	*< 4*	702	1.25	14	4.65
5600N 10000E		0.25	183	1.7	4	2.5	0.9	74	24	1	67	8	8	148		7.65	*< 4*	771	1.07	13	4.17
5600N 10025E		0.25	193	1	3	2.5	0.5	94	23	1	20	3	6	98		7.56	*< 4*	734	1.63	16	4.84
5600N 10050E		0.25	483	1.3	4	2.5	0.7	89	24	1	24	5	8	124		7.64	*< 4*	781	1.13	23	5.3
5600N 10075E		0.25	**1043**	2.2	6	2.5	0.9	96	37	1	28	6	**38**	146		8.45	*< 4*	647	0.99	31	7.24
5600N 10100E		0.25	**906**	1.7	4	2.5	0.9	89	27	1	24	4	7	148		7.96	*< 4*	639	0.97	25	6.38
5600N 10125E		0.25	**1031**	5.4	3	2.5	0.7	94	29	1	36	7	6	123		8.35	*< 4*	835	1.18	13	4.49
5600N 10150E		0.25	301	2.1	2	7	0.5	53	18	1	14	4	5	68		7.41	*< 4*	811	1.3	7	2.83
RE 5600N 10150E		0.25	302	1.4	2	2.5	0.2	53	21	1	15	3	2	69		7.31	*< 4*	796	1.3	7	2.83
5600N 10175E		0.25	239	1.3	2	6	0.8	109	21	1	17	2	6	83		7.52	*< 4*	812	1.13	10	4.12
5600N 10200E		0.25	780	2.7	3	7	0.5	87	26	1	82	7	12	112		7.16	*< 4*	825	0.77	10	4.01
5600N 10225E		0.5	548	3.3	2	2.5	0.6	58	33	1	28	3	4	86		7.07	*< 4*	755	1.39	11	2.94
5600N 10250E		0.25	539	0.5	3	6	0.2	109	24	1	35	2	8	103		8.14	*< 4*	874	0.6	11	4.79
5600N 10275E		0.5	360	1	3	8	0.5	81	27	1	25	1	6	100		8.02	*< 4*	821	1.31	11	4.03
5600N 10300E		0.8	**1366**	4.6	4	7	1.2	77	53	1	**327**	4	10	203		6.51	*< 4*	582	1.14	21	5.32
5600N 10325E		0.25	98	0.3	1	2.5	0.4	16	21	1	13	1	2	65		7.3	*< 4*	779	1.86	6	2.17
20001		0.25	469	2	6	2.5	1.7	96	25	1	34	8	23	214		8.72	*< 4*	874	1.11	19	4.69
20002	detailed	0.25	445	1.3	8	2.5	1.3	108	30	1	26	8	24	135		9.33	*< 4*	826	0.69	18	5
20003	detailed	0.25	209	5.2	**18**	2.5	0.4	100	23	1	22	**25**	**77**	155		7.73	*< 4*	845	0.98	15	4.54
20004	detailed	0.5	**1571**	3.1	**14**	2.5	1	110	33	1	29	**22**	**50**	143		9.86	*< 4*	1014	0.88	22	5.23
20005	detailed	0.6	**2132**	**12.3**	**10**	2.5	**19.3**	98	31	1	21	15	31	890		8.31	*< 4*	799	0.89	16	4.89
20006	detailed	0.25	319	1.5	8	2.5	0.9	90	24	1	22	11	**39**	137		8.68	*< 4*	791	1.02	16	4.34
20007	detailed	0.25	120	3.5	3	2.5	0.5	83	23	1	15	3	18	112		7.06	*< 4*	821	1.01	15	3.7
20008	detailed	0.25	116	1.4	4	2.5	0.7	95	25	1	22	2	10	113		7.82	*< 4*	910	1.36	16	4.16
20009	detailed	1	**9999**	**64.6**	**17**	**43**	**10.6**	100	30	1	118	**34**	**200**	**513**		9.61	*< 4*	782	1.8	27	6
20010	detailed	0.25	106	1	4	2.5	0.9	104	26	1	30	2	9	178		8.07	*< 4*	752	1.62	23	5.32
20011	detailed	0.25	533	2	8	2.5	1.6	97	26	1	52	10	17	195		8.39	*< 4*	842	1.03	19	4.54
20012	detailed	0.25	641	1.2	8	2.5	1.7	116	38	1	18	7	22	199		11	*< 4*	776	1.4	33	6.34
20013	detailed	0.25	337	0.9	8	2.5	0.7	101	21	1	13	9	21	135		8.53	*< 4*	767	1.02	22	5.07

ELEMENT		K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES		%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
5600N 9975E		2.48	48	1.12	510	1.09	13	41	0.1	5	10	440	14	0.45	5	107	24	29
5600N 9987E		2.65	38	1.14	697	1.04	13	38	0.095	2.5	10	343	13	0.49	5	117	19	20
5600N 10000E		2.63	35	0.98	662	1.19	14	34	0.109	2.5	9	358	16	0.41	5	103	14	27
5600N 10025E		2.33	48	1.09	648	1.19	18	41	0.069	2.5	10	546	11	0.51	5	116	22	25
5600N 10050E		2.52	45	1.14	883	1.08	15	58	0.098	2.5	10	412	13	0.43	5	110	21	23
5600N 10075E		2.7	65	1.35	1635	0.81	19	71	0.095	2.5	12	629	13	0.42	5	101	40	17
5600N 10100E		2.61	43	1.2	1450	0.83	13	56	0.104	2.5	10	651	10	0.37	5	98	25	18
5600N 10125E		2.51	66	1.16	524	1.2	14	39	0.136	2.5	11	328	13	0.43	5	109	22	39
5600N 10150E		2.26	31	0.78	371	1.74	9	15	0.105	2.5	7	350	9	0.38	5	84	8	58
RE 5600N 10150E		2.25	30	0.78	367	1.73	9	17	0.104	2.5	7	346	8	0.38	5	84	8	58
5600N 10175E		2.24	38	1.11	448	1.31	12	38	0.093	2.5	10	234	9	0.53	5	122	12	32
5600N 10200E		2.56	40	0.82	527	0.97	18	28	0.069	2.5	9	179	11	0.5	5	122	12	30
5600N 10225E		2.09	80	0.79	725	1.55	10	26	0.138	5	7	334	10	0.31	5	67	34	51
5600N 10250E		2.06	34	0.9	527	0.82	18	28	0.116	2.5	10	174	10	0.54	5	138	9	24
5600N 10275E		2.33	61	0.99	563	1.51	18	30	0.138	5	10	286	13	0.56	5	101	26	46
5600N 10300E		1.42	97	0.82	1378	0.59	8	33	0.293	2.5	10	190	15	0.27	5	89	49	23
5600N 10325E		2.14	40	0.58	422	2.35	3	8	0.091	2.5	5	498	6	0.22	5	41	21	84
20001		1.91	42	1.24	723	1.09	7	48	0.071	6	10	296	11	0.39	10	114	14	25
20002	detailed	2.23	28	1.19	581	1.01	13	45	0.062	2.5	10	193	9	0.41	14	123	10	19
20003	detailed	2.05	32	1.2	720	1.15	9	39	0.072	2.5	10	247	8	0.43	5	125	11	21
20004	detailed	2.5	40	1.34	634	1.17	13	50	0.077	10	12	227	11	0.46	5	130	13	28
20005	detailed	2.03	37	1.13	556	0.92	8	41	0.068	2.5	9	282	8	0.38	5	112	12	16
20006	detailed	2.05	38	1.12	646	1.02	9	39	0.062	2.5	10	305	9	0.36	5	106	13	16
20007	detailed	1.77	33	1.03	570	1.12	8	40	0.045	2.5	8	224	7	0.33	5	97	12	21
20008	detailed	1.91	66	1.06	897	1.34	11	43	0.103	2.5	11	425	13	0.39	5	109	23	27
20009	detailed	2.33	50	1.34	948	0.95	6	55	0.075	2.5	12	487	13	0.32	5	96	25	16
20010	detailed	1.88	33	1.41	892	1.15	7	57	0.074	2.5	9	438	9	0.37	5	100	17	20
20011	detailed	2.08	36	1.08	714	1.14	10	47	0.061	2.5	9	367	8	0.37	5	109	13	21
20012	detailed	2.52	29	1.76	959	0.82	7	74	0.051	8	13	458	9	0.37	5	109	19	9
20013	detailed	1.99	30	1.8	631	0.98	7	48	0.045	2.5	10	282	8	0.41	5	108	11	16

ELEMENT		Ag	As	Au	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn		Al	*Au*	Ba	Ca	Co	Fe
SAMPLES		ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		%	*ppm*	ppm	%	ppm	%
20014	detailed	0.8	711	**10.4**	7	6	1.1	88	21	1	24	11	28	133		7.64	*< 4*	782	1.11	16	4.13
20015	detailed	0.25	**1362**	**9.9**	**12**	2.5	1.8	97	28	1	29	18	85	202		8.88	*< 4*	843	1.25	22	4.93
20016	detailed	0.5	323	1.1	9	2.5	1	121	37	1	23	14	43	167		11.1	*< 4*	788	0.89	32	5.48
20017	detailed	0.25	81	1.2	3	2.5	1.3	90	26	1	22	4	11	125		8.47	*< 4*	826	1.7	18	4.38
20018	detailed	0.6	317	1.9	8	2.5	0.9	99	26	1	24	7	19	127		8.59	*< 4*	848	1.33	21	4.86
RE 20018	detailed	0.5	326	2.3	8	2.5	1.1	100	26	1	20	8	21	131		9.25	*< 4*	883	1.4	21	5.02
S1001	ravine	1.1	96	2.2	5	2.5	2.4	59	33	1	163	12	19	253		9.11	*< 4*	712	0.72	13	3.9
S1002	ravine	1.9	105	2	4	6	1.9	67	34	1	108	10	17	191		8.95	*< 4*	969	0.89	15	4.13
S1003	ravine	3.9	110	3.4	4	**16**	4.2	60	64	2	**267**	10	14	**328**		7.68	*< 4*	606	0.65	15	4.69
S1004	ravine	1.1	150	2.3	5	2.5	2.9	80	37	1	144	11	16	236		8.69	*< 4*	731	0.76	17	4.58
S1005	ravine	2.2	66	2.7	7	10	**10.6**	53	**80**	2	**239**	**28**	15	**660**		8.09	*< 4*	546	0.49	17	4.4
S1006	ravine	1.3	107	1.7	4	2.5	1.9	81	32	1	101	11	11	212		8.56	*< 4*	767	0.79	13	4.04
S1007	ravine	3	60	4	6	10	4.3	48	44	1	**307**	**22**	17	**417**		9.78	*< 4*	572	0.38	12	4.08
S1008	ravine	2.1	69	2.7	5	8	4.8	52	54	1	**266**	14	15	**553**		9.13	*< 4*	623	0.37	12	3.93
S1009	ravine	6	127	**10.8**	8	**55**	**13.7**	76	**119**	5	**779**	19	23	**894**		8.16	*< 4*	518	0.38	29	7.08
S1010	ravine	1.3	33	2.5	5	5	5.2	28	54	1	**271**	10	12	**393**		8.12	*< 4*	616	0.61	8	3.01
S1011	ravine	1.5	112	3.3	6	2.5	**11.1**	29	**93**	3	**618**	14	12	**522**		8.7	*< 4*	632	0.53	11	4.07
S1012	ravine	2.1	**44**	2.8	8	2.5	4.1	21	**67**	2	**542**	19	19	**378**		9.86	*< 4*	494	0.2	8	3.8
S1013	ravine	1.8	70	6.7	**10**	2.5	5.5	19	**112**	3	**873**	**26**	17	**318**		8.75	*< 4*	447	0.19	7	4.68
S1014	ravine	1.3	11	3.6	7	2.5	1.6	12	**69**	2	**831**	**20**	16	297		7.79	*< 4*	520	0.25	3	2.9
S1015	ravine	1.5	24	2	7	2.5	1.9	25	57	1	**641**	**20**	11	**372**		8.58	*< 4*	640	0.46	6	3.78
S1016	ravine	1.5	124	1.9	8	7	1.5	20	56	1	**735**	**29**	15	281		8.42	*< 4*	532	0.33	6	3.62
S1017	ravine	1.4	28	2.7	9	2.5	1.8	9	44	3	**751**	**33**	14	253		7.91	*< 4*	505	0.28	4	2.91
S1018	ravine	1.3	56	2.4	**11**	2.5	1.9	13	76	8	**569**	**32**	11	**390**		7.53	*< 4*	629	0.32	6	3.81
S1019	ravine	0.7	71	1.2	**10**	5	2.2	36	30	2	**271**	19	15	245		8.71	*< 4*	726	0.43	7	3.24
S1020	ravine	0.9	15	1	**25**	2.5	7.4	6	50	5	**260**	**40**	14	**350**		8.48	*< 4*	491	0.36	7	2.63
median		0.25	405	2.1	4	2.5	0.6	96	30	1	14	4	7	117		8.11		874	0.99	16	4.81
max		4.6	2686	75	10	16	2.4	399	65	2	327	19	48	388		13.19		1214	2.4	55	7.93
n		95	95	95	95	95	95	95	95	95	95	95	95	95		95		95	95	95	95
min/or lower detect. limit		0.5	5	0.2	1	5	0.4	6	3	2	5	2	4	45		6.51		447	0.17	3	2.17
upper detect. Limit			9999										200								
90%		0.5	1050	6.68	6	6	1	119.6	42.8	1	29.2	8	15.2	152.6		9.58		1047	1.35	28	6.36
bolded at			800	9	10	10	10	150	65		250	20	35	325							

To allow statistical treatment, symbols such as < and > were converted to numerical values:
Values less than detection limit have been converted to +(positive value)* (1/2 detection limit)
Values greater than detection limit have been converted to that upper detection limit (no symbol)

ELEMENT		K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES		%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
20014	detailed	1.79	44	1.08	603	0.99	8	37	0.065	5	9	266	10	0.34	5	98	14	20
20015	detailed	2.11	49	1.41	795	1.03	6	52	0.076	2.5	11	303	10	0.36	5	102	19	20
20016	detailed	2.74	25	1.67	774	0.85	4	68	0.047	2.5	10	428	8	0.41	5	116	13	8
20017	detailed	1.82	39	1.26	652	1.06	8	45	0.069	2.5	10	330	11	0.34	5	99	15	20
20018	detailed	2	41	1.27	732	1.15	8	49	0.057	2.5	10	357	9	0.38	5	106	15	20
RE 20018	detailed	2.09	45	1.35	773	1.17	10	50	0.058	6	11	375	11	0.39	5	110	18	20
S1001	ravine	2.97	49	0.85	803	1.28	14	27	0.108	2.5	9	211	16	0.38	5	69	21	15
S1002	ravine	2.94	44	1.01	796	1.1	15	30	0.107	2.5	10	220	17	0.43	5	79	18	16
S1003	ravine	2.6	52	0.8	1045	1.18	14	29	0.123	2.5	8	181	20	0.36	5	66	22	12
S1004	ravine	2.63	55	1.05	917	1.07	16	40	0.11	2.5	9	208	18	0.43	5	88	20	15
S1005	ravine	2.81	53	0.72	**2012**	0.75	16	32	0.119	7	9	124	25	0.28	5	54	31	17
S1006	ravine	2.6	41	0.91	701	1.36	12	32	0.099	2.5	9	198	13	0.38	10	87	13	24
S1007	ravine	3.3	38	0.64	1129	1.28	24	20	0.125	6	11	125	38	0.29	15	51	21	19
S1008	ravine	3.06	36	0.64	1305	1.11	18	26	0.096	6	8	111	31	0.29	14	56	15	14
S1009	ravine	2.85	68	0.73	**2616**	0.62	18	32	0.152	5	8	102	38	0.24	36	57	33	20
S1010	ravine	2.93	48	0.47	1579	1.12	11	11	0.101	2.5	5	184	24	0.27	19	47	22	32
S1011	ravine	3	51	0.53	**3156**	1.07	14	15	0.124	2.5	6	171	41	0.25	10	45	20	28
S1012	ravine	4.72	45	0.38	952	0.73	21	8	0.152	9	6	130	37	0.28	5	35	20	13
S1013	ravine	4.13	62	0.36	929	0.52	19	7	0.167	5	6	117	39	0.23	11	33	29	14
S1014	ravine	3.13	54	0.25	285	0.97	19	6	0.133	2.5	4	112	30	0.21	5	25	19	10
S1015	ravine	3.4	62	0.4	527	1.09	17	9	0.149	2.5	6	127	40	0.25	15	40	30	16
S1016	ravine	3.65	46	0.38	461	1.07	22	9	0.147	5	7	125	41	0.22	16	30	23	12
S1017	ravine	3.78	43	0.23	460	1.1	20	2	0.135	2.5	5	100	35	0.19	10	17	17	10
S1018	ravine	3.24	57	0.3	634	1.19	17	5	0.149	2.5	6	95	45	0.17	5	25	30	11
S1019	ravine	3.73	35	0.5	1124	0.98	18	16	0.129	7	7	138	32	0.27	5	49	17	15
S1020	ravine	4.2	64	0.23	**2327**	1.03	25	5	0.163	7	6	107	52	0.22	5	15	35	12
median		2.35	42	1.2	572	1.14	13	40	0.093	2.5	11	205	11	0.43	5	120	12	28
max		3.38	97	3.61	1635	2.35	31	213	0.293	10	18	651	16	0.74	14	172	49	84
n		95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
min/or lower detect. limit		1.42	17	0.23	285	0.52	3	2	0.045	5	4	95	6	0.17	10	15	3	7
upper detect. Limit																		
90%		2.758	57.6	1.578	980.4	1.534	18	60	0.12	6	14	426.4	14	0.552	5	151	24	49
bolded at					2000			100										
To allow statistical treatment, sym																		
Values less than detection limit ha																		
Values greater than detection limi																		

ELEMENT	Approx.	Ag	Ag	As	Au**	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	*Au*	Ba
SAMPLES	Location	ppm	total	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	*ppm*	ppm
200019	T2	16.7		**9203**	188	**30**	***235***	36.5	74	19	1	121	**79**	200	554	6.33	*2*	390
200020	T2	10.4		**6199**	62	14	135	22	66	17	1	105	36	169	525	6.08	*2*	355
200021	T2	9.4		**7001**	**232**	19	127	27.2	**86**	23	1	122	**55**	73	736	7.07	*2*	425
200022	T2	14.9		**9999**	**398**	**23**	***236***	42.2	58	14	1	225	**54**	**148**	744	4.85	*2*	338
200023	T2	10.9		**9999**	**302**	**40**	***214***	67.9	77	21	1	207	**88**	**110**	**1198**	7.11	*2*	426
200024	T2	7		**9999**	**920**	**31**	***308***	44.5	81	26	1	108	**91**	**200**	**1221**	7.04	*2*	469
200025	T2	**36.3**		**9999**	**646**	7	***566***	68.8	21	6	1	208	16	**200**	**1411**	0.45	*2*	49
200026	T2	**112.6**		**9999**	**774**	3	**1143**	103.5	21	14	1	**918**	15	**200**	**2454**	0.23	*2*	18
200027	T2	**89.5**		**9999**	**1350**	5	**1013**	97	21	4	1	**1399**	12	**200**	**1755**	0.22	*2*	27
200028	T2	**169.4**		**9999**	**636**	7	**1225**	**230.1**	19	6	2	**3067**	15	**152**	**4700**	0.23	*2*	32
200029	T2	**189.1**		**9999**	**1565**	10	**1616**	**242.3**	18	8	1	**3756**	21	84	**4892**	0.41	*2*	33
200030	T2	**200**	**214.4**	**9999**	**1232**	12	**1838**	**383.3**	11	12	3	**4262**	28	24	**9850**	0.63	*2*	37
200031	T2	12.5		**9999**	220	8	181	43.2	22	3	1	149	18	**200**	561	0.26	*2*	17
200032	T2	**26.6**		**9999**	**1593**	16	**1251**	86.8	25	6	1	312	22	**200**	**1272**	0.54	*2*	56
200033	T2	**54.8**		**9999**	**3090**	**34**	**1353**	**214.4**	23	10	3	**951**	19	**200**	**6320**	0.71	*2*	45
200034	T2	**200**	**637.6**	**9999**	**1743**	14	**2000**	**251.8**	36	30	2	**8966**	32	**200**	**2661**	0.58	*2*	48
200035	T2	6.7		**9999**	**1425**	2	***466***	13.5	27	3	1	89	10	28	347	0.26	*2*	11
200036	T2	**200**	**202.8**	**9999**	**859**	**27**	**2000**	**573.5**	8	15	2	**3450**	20	40	**13423**	0.26	*2*	32
RE 200036		**200**		**9999**	**688**	**27**	**2000**	**569.7**	6	18	1	**3424**	18	38	**13785**	0.25	*2*	29
200037	T2	**143.1**		**9999**	**1163**	**26**	**1823**	**376**	11	12	2	**2322**	15	18	**10209**	0.18	*2*	35
200038	T2	**200**	**243.7**	**9999**	**580**	12	**1651**	**335.9**	18	9	2	**4172**	15	25	**7909**	0.22	*2*	13
200039	T2	**69**		**9999**	**3069**	2	**1356**	**138.2**	25	10	1	**1038**	11	20	**2682**	0.1	*2*	4
200040	T2	4.4		**9999**	108	3	77	11.4	28	1	1	65	17	5	158	0.18	*2*	3
200041	T2	5.3		**9999**	**1497**	3	***691***	61.1	24	4	1	50	11	2	**1281**	0.11	*2*	4
200042	T5	2.3		**9999**	**251**	**38**	136	6.5	39	10	2	44	**97**	14	197	2.69	*2*	104
200043	T5	2.3		**9999**	**250**	**38**	118	10.7	32	10	1	33	**95**	63	210	2.62	*2*	118
200044	T5	**24.6**		**9999**	**1244**	**21**	**1767**	38.9	29	17	1	363	**135**	37	554	2.1	*2*	71
200045	T2	**36.7**		**9999**	**1578**	12	***773***	58.6	24	6	1	**535**	15	**200**	**1110**	0.4	*2*	29
200046	T4	2.4		**9999**	123	11	93	3.7	21	1	1	44	32	44	91	0.56	*2*	27
200047	T4	2.8		**9999**	**417**	8	***223***	17.6	25	3	2	46	18	**200**	474	0.28	*2*	20
200048	T4	1.8		**9999**	94	6	78	1.6	18	3	1	23	18	**130**	28	0.26	*2*	17
200049	T4	3		**9999**	152	10	91	4.7	20	3	1	58	25	46	89	0.41	*2*	17
200050	T4	1.2		**9999**	48	4	31	1.8	25	4	1	27	18	77	26	0.34	*2*	19
200051	T1	0.5		**9999**	91	2	28	**517.2**	1	20	1	5	16	24	**13447**	0.59	*2*	62
200052	T1	2		**9999**	**344**	3	***214***	97	44	11	1	28	65	**200**	**2203**	2.03	*2*	73

ELEMENT	Ca	Co	Fe	K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
200019	1.85	13	4.58	2.19	33	0.83	628	0.54	7	26	0.04	2.5	8	306	10	0.21	5	62	12	6
200020	1.24	11	4.1	1.87	32	0.77	535	0.55	5	22	0.035	2.5	8	319	9	0.19	5	54	11	3
200021	1.64	14	5.05	2.36	32	0.99	732	0.6	7	28	0.043	2.5	9	314	10	0.24	5	71	14	5
200022	1.2	10	4.36	1.74	33	0.61	444	0.37	5	20	0.03	2.5	6	233	4	0.15	13	44	11	5
200023	1.69	16	5.29	2.6	34	0.92	645	0.51	5	33	0.041	2.5	8	328	7	0.21	5	67	13	4
200024	1.76	16	5.35	2.65	36	0.98	723	0.49	7	35	0.042	2.5	8	299	10	0.24	15	68	13	7
200025	1.19	4	3.33	0.15	5	0.06	128	0.04	1	1	0.006	2.5	1	46	4	0.02	14	9	3	1
200026	0.34	1	3	0.09	2	0.02	39	0.01	1	1	0.003	2.5	0.5	34	4	0.02	5	3	1	1
200027	0.29	2	3.77	0.07	3	0.02	42	0.01	1	1	0.003	2.5	0.5	38	1	0.005	5	2	1	1
200028	0.8	1	4.64	0.11	5	0.02	29	0.02	1	1	0.003	2.5	0.5	56	4	0.005	5	2	3	1
200029	0.63	1	5.71	0.18	5	0.04	37	0.02	1	1	0.003	2.5	0.5	49	3	0.02	10	3	2	4
200030	1.95	2	7.14	0.3	7	0.06	57	0.02	2	2	0.003	5	0.5	81	6	0.01	12	2	6	2
200031	0.23	3	2.59	0.09	2	0.03	68	0.01	1	1	0.002	2.5	0.5	31	3	0.01	5	4	1	1
200032	0.9	5	5.33	0.19	6	0.06	72	0.03	1	2	0.004	2.5	0.5	96	3	0.01	5	3	2	1
200033	1.65	26	6.13	0.3	7	0.07	78	0.05	1	4	0.008	2.5	1	112	6	0.01	5	8	5	2
200034	4.4	1	5.43	0.26	7	0.05	61	0.02	1	1	0.003	2.5	0.5	164	1	0.01	5	4	10	1
200035	0.86	27	6.46	0.05	2	0.04	16	0.02	1	6	0.001	2.5	0.5	22	2	0.01	12	4	1	1
200036	2.1	1	8.17	0.12	6	0.02	47	0.01	1	3	0.002	2.5	0.5	80	4	0.01	5	1	5	1
RE 200036	2.05	2	8.08	0.12	4	0.02	41	0.01	1	2	0.001	2.5	0.5	81	1	0.005	5	1	5	1
200037	1.16	1	7.15	0.08	3	0.02	19	0.01	1	1	0.001	2.5	0.5	50	2	0.005	5	2	3	1
200038	1.33	2	8.27	0.09	10	0.02	23	0.02	1	4	0.001	2.5	0.5	87	4	0.01	5	1	4	1
200039	0.29	1	6.17	0.05	2	0.01	13	0.01	1	3	0.001	2.5	0.5	38	3	0.005	5	1	1	1
200040	0.1	1	1.64	0.08	1	0.02	23	0.01	1	2	0.001	2.5	0.5	17	1	0.005	5	1	1	1
200041	0.05	1	2.99	0.04	1	0.01	26	0.01	1	2	0.001	2.5	0.5	20	3	0.005	5	1	1	1
200042	1.59	5	6.71	1.09	14	0.28	194	0.1	5	9	0.013	2.5	3	233	6	0.06	18	17	7	3
200043	1.77	5	4.5	1.35	22	0.25	256	0.07	5	7	0.013	2.5	3	446	5	0.05	5	15	9	1
200044	2.84	2	12.24	0.72	15	0.21	446	0.05	3	9	0.008	2.5	3	575	6	0.04	5	14	12	4
200045	0.48	7	3.66	0.2	4	0.04	51	0.02	1	4	0.004	2.5	0.5	43	4	0.01	5	4	2	1
200046	0.88	3	1.84	0.24	5	0.06	46	0.03	1	1	0.002	2.5	0.5	59	4	0.005	12	4	2	1
200047	1.92	3	5	0.1	3	0.03	21	0.02	1	1	0.002	2.5	0.5	56	2	0.01	11	1	2	1
200048	1.12	2	1.63	0.1	1	0.03	27	0.01	1	1	0.002	2.5	0.5	43	2	0.01	5	3	2	1
200049	0.44	2	1.88	0.13	2	0.04	42	0.03	1	1	0.002	2.5	0.5	49	2	0.01	5	4	1	1
200050	0.73	2	1.67	0.1	2	0.05	48	0.02	1	1	0.002	2.5	0.5	51	3	0.01	5	3	1	1
200051	1.36	21	4.84	0.15	6	0.07	59	0.04	1	5	0.003	2.5	0.5	120	5	0.01	5	4	4	1
200052	1.01	4	5.85	0.64	15	0.25	211	0.07	4	10	0.015	2.5	4	182	1	0.03	32	19	7	2

ELEMENT	Approx.	Ag	Ag	As	Au**	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	*Au*	Ba
SAMPLES	Location	ppm	total	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	*ppm*	ppm
200053	T1	2.2		**9999**	**254**	**39**	107	63.7	61	20	2	47	**122**	**200**	**1464**	5.34	*2*	206
200054	T1	2.3		**9999**	**1600**	**149**	***526***	5.4	19	10	3	7	**69**	**115**	362	0.83	*2*	44
200055	T1	0.9		**9999**	138	1	53	**1010.3**	27	27	2	6	26	56	**37524**	0.43	*2*	29
200056	T1	2.4		**9999**	**1790**	**24**	***589***	8.2	14	7	4	17	**63**	2	380	0.44	*2*	26
200057	T1	0.9		**9999**	72	2	15	3.4	56	5	1	9	49	2	82	0.85	*2*	22
200058	T1	0.25		**9999**	187	1	29	**1319.5**	4	47	1	2.5	16	2	**56470**	0.27	*2*	24
200059	T1	0.25		**9999**	29	**32**	10	8.1	**48**	8	1	2.5	20	**118**	222	0.42	*2*	12
200060	T1	12.9		**9999**	**1165**	8	**880**	**604.3**	51	13	2	97	**111**	**200**	**16110**	3.11	*2*	53
200061	T1	0.5		**9999**	59	2	17	16.5	67	5	1	13	**59**	35	396	1.11	*2*	33
200062	T1	0.5		**9999**	163	4	36	115.9	41	6	1	2.5	33	**101**	**4353**	0.69	*2*	21
200063	T1	3.4		**9999**	**1133**	14	***294***	2.6	21	3	8	19	**66**	2	95	0.43	*2*	19
200064	T1	0.7		**9999**	102	10	27	64.3	76	4	1	5	**51**	**200**	**1596**	1.11	*2*	42
200065	T1	3.8		**9999**	**391**	7	***217***	**214.2**	74	7	2	51	**66**	**200**	**5646**	2.11	*2*	58
200066	T1	1.1		**9412**	199	2	103	53.8	80	6	1	13	19	**143**	**1075**	0.55	*2*	24
200067	T1	1		**9999**	117	6	35	**398.6**	73	15	1	2.5	48	23	**12687**	2.14	*2*	48
200068	T5	2.8		**9999**	90	5	37	3.7	60	3	1	42	23	5	102	0.54	*2*	58
200069	T5	0.6		**9999**	158	3	59	33.9	71	8	1	8	45	**148**	939	0.54	*2*	36
200070	T5	0.5		**9999**	**244**	**108**	107	1.2	67	5	1	10	46	6	31	0.57	*2*	37
RE 200070		0.7		**9999**	**241**	**105**	96	1.3	61	6	1	11	46	6	30	0.56	*2*	37
200071	T4	1.2		**6505**	30	**211**	23	3.7	34	37	1	54	**108**	**200**	316	6.11	*2*	85
200072	T4	1.1		**5282**	121	28	93	4	50	7	1	29	26	13	196	0.63	*2*	19
200073	T4	2.5		**9999**	**503**	70	128	22.2	64	6	1	23	34	33	244	0.39	*2*	117
200074	T4	25		**9999**	**420**	23	***603***	181.8	**102**	11	1	384	22	29	**4342**	0.2	*2*	65
200075	T4	0.8		1530	20	**201**	29	1.8	28	5	1	22	**69**	**200**	172	6.95	*2*	32
200076	T4	1.1		**7800**	152	38	33	1.7	52	14	1	8	25	**101**	42	0.19	*2*	23
200077	qt hill	3.4		**9405**	44	3	10	0.4	71	4	1	88	49	15	31	3.13	*2*	76
200078	qt hill	0.25		**9999**	7	5	2.5	0.4	**104**	4	1	9	49	9	39	4.52	*2*	85
200079	qt hill	0.25		**9999**	29	5	7	0.6	69	3	1	14	33	5	24	2.81	*2*	59
200080	qt hill	0.25		437	2	2	2.5	0.2	53	12	1	2.5	2	2	28	3.49	*2*	182
200081	qt hill	0.25		**2931**	1	7	2.5	0.2	**106**	2	1	5	**57**	2	84	6.24	*2*	3
200082	qt hill	0.5		**6231**	2	5	2.5	0.2	91	5	1	5	26	7	43	6.39	*2*	476
200083	qt hill	1.9		**9999**	19	4	8	0.2	**114**	2	1	2.5	33	11	34	4.17	*2*	59
200084	qt hill	0.25		**9999**	20	4	2.5	0.5	58	5	1	7	5	4	14	4.19	*2*	221
200085	qt hill	0.8		**6340**	4	7	9	1.4	37	3	1	2.5	34	44	58	5.52	*2*	776
200090	L5425	1		**9999**	22	5	7	0.2	**117**	2	1	36	**81**	19	65	3.94	*2*	33

ELEMENT	Ca	Co	Fe	K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
200053	3.62	18	9.04	1.38	42	0.6	402	0.14	2	23	0.022	2.5	7	486	4	0.1	13	39	24	6
200054	0.32	1	18.24	0.27	8	0.09	66	0.02	2	4	0.005	2.5	2	44	6	0.01	5	7	9	2
200055	1.69	16	6.23	0.1	1	0.05	89	0.005	1	3	0.001	2.5	0.5	21	1	0.01	5	3	3	1
200056	0.11	1	22.5	0.16	6	0.05	57	0.02	2	1	0.004	2.5	1	19	10	0.005	5	6	5	3
200057	3.56	2	2.66	0.32	3	0.08	39	0.01	1	3	0.002	2.5	0.5	61	1	0.01	5	3	9	1
200058	1.85	52	8.46	0.06	1	0.03	71	0.02	1	6	0.001	2.5	0.5	39	3	0.005	5	2	3	1
200059	5.17	5	1.37	0.11	1	0.04	29	0.005	1	2	0.002	2.5	0.5	29	1	0.005	5	3	7	1
200060	1.84	6	6.24	0.92	13	0.38	307	0.09	4	12	0.016	2.5	5	90	1	0.06	14	23	7	2
200061	2.87	2	2.11	0.4	5	0.12	40	0.02	1	3	0.003	2.5	1	67	1	0.01	5	4	12	1
200062	3.81	36	5.91	0.16	1	0.08	34	0.01	1	5	0.001	2.5	0.5	45	1	0.005	5	4	6	1
200063	0.07	1	23.28	0.16	2	0.04	30	0.005	1	1	0.002	2.5	0.5	26	5	0.01	5	6	1	1
200064	3.18	19	3.84	0.32	4	0.12	86	0.02	2	7	0.003	2.5	1	78	2	0.01	5	7	7	1
200065	1.77	7	4.34	0.5	9	0.29	188	0.08	3	8	0.013	2.5	3	106	3	0.03	5	17	6	1
200066	1.16	2	1.15	0.2	2	0.07	89	0.01	1	4	0.002	2.5	0.5	55	1	0.01	5	6	4	2
200067	1.45	16	5.34	0.29	7	0.33	128	0.12	2	12	0.007	2.5	2	96	4	0.04	5	15	4	3
200068	0.74	2	1.5	0.13	5	0.08	71	0.02	1	4	0.003	2.5	0.5	96	1	0.005	5	6	4	3
200069	1.32	7	4.22	0.18	2	0.06	46	0.005	1	4	0.002	2.5	0.5	38	2	0.01	12	4	4	1
200070	1.65	4	2.62	0.18	2	0.06	25	0.02	1	2	0.003	2.5	0.5	58	2	0.02	5	4	3	1
RE 200070	1.64	4	2.6	0.17	3	0.06	30	0.02	1	3	0.002	2.5	0.5	57	5	0.02	5	6	3	1
200071	8.62	22	4.98	1.31	17	1.2	851	0.57	6	22	0.073	2.5	9	362	1	0.36	34	167	15	4
200072	2.15	4	1.24	0.12	2	0.15	181	0.02	2	2	0.005	2.5	1	73	3	0.03	5	14	5	2
200073	1.39	1	3.42	0.09	6	0.05	27	0.01	1	1	0.003	2.5	0.5	111	1	0.03	5	7	7	1
200074	0.23	1	3.41	0.04	1	0.02	45	0.005	1	3	0.001	2.5	0.5	71	1	0.01	5	4	2	1
200075	13.38	10	3.22	0.5	8	1.26	345	0.72	1	8	0.027	2.5	8	445	1	0.09	26	157	9	3
200076	3.25	3	1.08	0.04	1	0.02	26	0.01	1	2	0.002	2.5	0.5	39	1	0.01	5	3	3	1
200077	0.18	14	1.99	0.41	34	0.55	37	0.15	4	28	0.016	2.5	5	47	11	0.12	11	40	4	7
200078	0.16	20	3.14	0.44	30	0.98	129	0.31	3	25	0.033	2.5	6	113	7	0.14	5	41	5	6
200079	0.08	41	3.76	0.34	22	0.6	89	0.15	2	37	0.017	2.5	4	65	3	0.06	5	27	7	6
200080	0.09	7	1.72	1.32	15	0.33	193	0.43	4	15	0.03	2.5	3	86	7	0.12	5	21	8	6
200081	0.17	1	3.26	0.005	3	1.57	173	0.77	1	5	0.017	2.5	2	234	4	0.13	5	52	3	3
200082	0.22	9	2.8	1.58	8	0.98	151	1.48	6	14	0.03	2.5	7	163	4	0.23	5	64	3	9
200083	0.11	2	2.63	0.18	15	0.88	80	0.53	7	7	0.013	2.5	7	123	4	0.19	5	37	5	10
200084	0.07	5	3.47	1.49	28	0.29	54	1.28	3	8	0.014	2.5	3	98	6	0.07	11	22	4	4
200085	0.13	8	2.21	3.49	15	0.64	139	1.01	7	20	0.031	2.5	5	169	16	0.22	11	37	7	8
200090	0.08	15	3.57	0.08	11	0.77	187	0.4	6	35	0.028	2.5	7	137	4	0.2	5	72	5	3

ELEMENT	Approx.	Ag	Ag	As	Au**	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	*Au*	Ba
SAMPLES	Location	ppm	total	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	*ppm*	ppm
200091	L5425	0.25		444	3	2	5	0.2	34	7	1	9	14	4	28	1.96	2	50
200092	L5425	0.25		191	2	1	2.5	0.2	27	3	1	5	2	2	17	1.22	2	2
200093	L5425	0.25		**1684**	3	1	5	0.2	34	4	1	12	6	2	24	1.8	2	3
200094	L5425	0.25		635	2	4	2.5	0.5	43	28	1	6	19	16	36	2.89	2	83
200095	L5425	0.25		84	1	3	2.5	0.7	99	22	1	17	3	4	105	8.69	2	272
200096	L5425	2		52	5	1	7	0.4	47	7	1	129	1	2	30	4.09	2	164
200097	L5425	0.25		97	4	1	2.5	0.2	34	2	1	9	8	4	7	0.51	2	17
200098	qt hill	0.25		39	1	6	2.5	0.7	85	50	1	16	**63**	2	46	9.47	2	620
200099	qt hill	0.25		**5930**	6	6	8	0.4	73	3	1	24	31	10	57	4.92	2	16
200100	boulders	0.5		**9999**	**927**	2	***126***	0.4	43	30	1	10	21	2	16	2.31	2	43
200101	boulders	0.8		**9999**	**929**	1	***179***	0.2	47	27	2	16	28	9	3	0.26	2	17
200102	boulders	0.25		486	8	4	2.5	1	70	25	1	29	24	2	76	9.46	2	364
200103	boulders	0.7		**9999**	**664**	1	***140***	0.2	46	29	2	9	27	10	7	0.73	2	48
200104	boulders	1.1		**9999**	**3466**	2	***506***	1.6	35	**346**	2	15	15	9	4	0.14	5	5
200105	boulders	1.3		**9999**	**1413**	2	***507***	0.8	35	**339**	1	19	17	8	9	0.47	5	17
200106	boulders	0.25		**9999**	**1044**	1	***200***	0.4	42	**146**	1	7	21	**186**	7	0.55	2	32
200107	boulders	0.5		235	4	1	7	0.2	50	12	1	8	2	2	12	0.74	2	5
200108	boulders	1.2		**2683**	5	5	2.5	0.6	73	56	1	9	**50**	30	80	6.96	2	128
200109	boulders	0.25		964	4	6	6	0.5	68	37	1	11	45	31	93	7.45	2	44
200110	boulders	0.25		819	26	8	2.5	0.7	64	21	1	5	25	22	76	7.03	2	52
RE 200110		0.25		850	2	8	2.5	0.8	65	22	1	8	26	23	78	7.1	2	56
200112	boulders	0.25		**2930**	4	**21**	2.5	0.5	67	27	1	15	39	33	90	8.18	2	39
200113	boulders	0.25		**9999**	14	10	8	0.2	51	29	1	2.5	28	**200**	15	1.33	2	40
200114	boulders	0.25		**9999**	**342**	0.5	90	0.2	44	12	2	5	10	76	3	0.24	2	40
200115	boulders	0.25		701	7	9	8	0.5	38	32	1	9	**69**	8	50	5.19	2	17
200116	boulders	17.2		**9999**	130	3	92	1.1	78	4	1	138	**54**	2	66	2.44	2	130
200117	boulders	9		**9999**	55	6	30	0.8	56	3	1	82	49	14	37	2.37	2	81
200118	boulders	**66.5**		**9999**	**1161**	7	**1090**	1.7	48	10	1	269	**61**	13	48	3.03	2	101
200119	boulders	5.2		**9999**	40	4	18	0.4	85	4	1	114	47	10	50	3.03	2	53
200120	boulders	3.4		**9999**	31	3	14	0.2	64	4	1	64	28	4	33	1.47	2	44
200121	boulders	2.5		**9999**	30	3	2.5	0.2	46	4	1	110	32	2	35	1.75	2	50
200122	boulders	2.1		**9999**	29	6	13	0.6	**84**	4	1	15	**87**	6	25	4.25	2	183
200123	E end of ridge	1.5		**9999**	14	1	2.5	0.2	65	6	1	2.5	4	2	87	6.47	2	288
200124	E end of ridge	0.8		**9999**	18	2	2.5	0.2	64	7	1	6	15	2	29	3.94	2	124
200125	E end of ridge	0.6		**9999**	33	1	2.5	0.4	72	4	1	11	13	2	20	2.56	2	49

ELEMENT	Ca	Co	Fe	K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
200091	0.07	4	1.64	0.26	3	0.26	114	0.1	2	7	0.032	2.5	3	26	1	0.04	5	19	2	1
200092	0.01	1	0.94	0.02	1	0.2	47	0.1	2	1	0.001	2.5	1	23	1	0.02	5	10	1	1
200093	0.04	1	1.14	0.005	1	0.31	75	0.15	1	1	0.004	2.5	1	53	1	0.03	5	19	1	1
200094	0.05	2	3.21	0.38	5	0.3	141	0.18	2	4	0.009	2.5	4	38	3	0.04	5	24	2	1
200095	1.7	16	5.25	1.72	43	1.71	683	1.6	12	30	0.037	2.5	15	857	12	0.3	5	80	15	1
200096	0.35	4	2.97	0.62	6	0.37	714	1.62	5	10	0.02	2.5	4	58	11	0.14	5	21	6	5
200097	0.02	1	0.43	0.14	1	0.06	76	0.03	1	3	0.001	2.5	1	9	1	0.02	5	5	1	1
200098	1.08	10	4.39	2.68	29	1.16	317	1.26	12	30	0.04	2.5	11	506	10	0.34	5	82	12	2
200099	0.16	10	3.11	0.07	31	0.95	143	0.5	5	16	0.049	2.5	7	164	7	0.2	5	49	5	4
200100	0.06	2	7.28	0.23	8	0.3	70	0.6	4	4	0.006	2.5	3	52	3	0.05	10	17	2	1
200101	0.05	2	8.52	0.08	1	0.02	26	0.02	1	3	0.001	2.5	0.5	27	1	0.01	5	2	1	1
200102	4.83	16	4.62	2.01	37	1.36	722	2.62	10	42	0.019	2.5	11	1982	12	0.24	5	70	17	2
200103	0.08	11	6.95	0.3	3	0.07	37	0.02	2	5	0.005	2.5	1	59	2	0.02	5	5	2	1
200104	0.06	**106**	23.05	0.02	1	0.06	45	0.01	1	14	0.001	2.5	0.5	12	4	0.005	5	2	1	1
200105	0.05	51	13.31	0.1	1	0.1	72	0.02	1	13	0.002	5	0.5	13	4	0.01	5	2	1	1
200106	0.04	31	9.26	0.23	3	0.05	26	0.01	2	12	0.004	2.5	0.5	30	2	0.02	5	6	1	1
200107	0.03	2	0.98	0.03	1	0.11	40	0.1	2	1	0.002	2.5	0.5	22	1	0.01	5	10	1	1
200108	1.49	18	6.44	0.19	41	1.32	1159	0.97	11	9	0.166	2.5	16	175	13	0.5	5	134	12	3
200109	0.28	11	4.97	0.13	16	1.12	263	1	7	16	0.083	2.5	11	134	7	0.28	5	111	4	4
200110	0.76	14	4.25	0.41	22	1.21	403	1.36	7	23	0.052	2.5	13	154	7	0.3	5	103	6	3
RE 200110	0.77	15	4.26	0.43	23	1.22	400	1.36	7	20	0.052	2.5	13	154	7	0.29	5	103	7	4
200112	1.5	29	4.57	0.25	29	1.23	269	1.58	8	23	0.07	2.5	12	193	10	0.32	5	119	7	4
200113	0.05	**128**	2.11	0.35	4	0.15	72	0.09	3	27	0.007	2.5	3	19	3	0.02	5	17	9	1
200114	0.005	5	7.59	0.11	1	0.02	21	0.01	1	1	0.003	2.5	0.5	11	2	0.005	5	1	1	1
200115	0.2	4	2.97	0.12	3	0.72	157	2.32	3	3	0.019	2.5	9	87	3	0.15	5	58	4	1
200116	0.21	4	4.14	0.83	10	0.24	99	0.1	3	6	0.007	2.5	4	37	4	0.04	5	19	3	2
200117	0.13	7	3.19	0.53	11	0.35	100	0.15	3	8	0.012	2.5	4	71	4	0.05	5	21	2	2
200118	2.22	1	9.77	0.56	13	0.47	175	0.19	3	5	0.011	2.5	6	145	3	0.06	5	26	15	4
200119	0.58	6	3.72	0.4	12	0.57	184	0.25	3	17	0.018	2.5	4	91	3	0.07	11	52	3	3
200120	0.05	5	2.58	0.26	6	0.22	86	0.1	3	5	0.005	2.5	2	38	1	0.03	5	12	1	1
200121	0.12	5	3.04	0.31	7	0.28	103	0.12	3	5	0.005	2.5	3	48	3	0.03	5	16	1	2
200122	0.24	9	3.52	2.13	17	0.39	129	0.16	3	16	0.02	2.5	6	65	5	0.06	5	38	3	2
200123	1.46	25	7.76	0.61	23	2.89	1416	1.38	18	27	0.135	2.5	28	132	4	1.23	5	280	27	8
200124	0.12	1	4.68	0.21	24	0.81	111	0.92	3	2	0.037	5	6	270	9	0.12	5	44	4	6
200125	0.06	1	3.29	0.14	15	0.56	64	0.24	2	1	0.017	7	3	176	7	0.08	5	26	3	3

ELEMENT	Approx.	Ag	Ag	As	Au**	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	*Au*	Ba
SAMPLES	Location	ppm	total	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	*ppm*	ppm
200126	E end of ridge	0.6		**9999**	19	2	2.5	0.6	**88**	2	1	2.5	21	2	31	3.39	*2*	62
200127	E end of ridge	0.25		325	6	1	2.5	0.2	44	26	1	9	1	8	43	4.63	*2*	118
200128	E end of ridge	0.25		290	1	3	2.5	0.7	**83**	31	1	6	3	14	65	8.39	*2*	609
200129	E end of ridge	0.25		360	7	3	2.5	0.6	**93**	73	1	15	4	8	78	9.31	*2*	512
03DT-01	ravine	0.25		54	2	2	7	0.4	9	15	3	22	26	4	43	5.86	*2*	547
03DH-46a	ravine	1		39	1	2	6	0.7	7	21	1	112	6	10	47	5.83	*2*	508
03DH-55	W of cmp	0.25		**8353**	27	2	12	0.2	61	51	1	6	32	10	49	2.44	*2*	15
03DH-60	ravine	3.9		53	1	2	8	2.1	8	15	10	158	7	5	124	5.39	*2*	251
03DH-120	top	2.6		**9999**	**243**	**817**	***243***	10.3	18	5	2	41	35	31	342	0.93	*2*	32
03DH-127	ravine	0.7		99	2	9	7	0.4	7	11	1	240	11	8	38	5.79	*2*	609
03DH-128	ravine	1.8		93	1	4	7	0.5	6	5	1	301	33	5	27	4.81	*2*	357
03DH-134		0.5		**3718**	2	2	2.5	0.2	8	5	1	8	1	2	8	0.22	*2*	60
03DH-136	N of camp	0.25		20	1	2	2.5	0.4	5	19	1	82	6	4	38	4.73	*2*	276
03DH-137	N of camp	5		11	3	2	16	0.4	5	28	1	**744**	9	7	28	5.39	*2*	290
03DH-139	ravine	0.25		6	1	3	2.5	0.4	4	12	1	66	8	4	69	6.11	*2*	547
03DH-142	ravine	0.5		2.5	3	2	6	1.5	5	24	1	27	15	4	114	5.93	*2*	347
03DH-143a	ravine	4.3		20	3	4	10	0.6	6	3	1	91	32	12	37	7.22	*2*	218
03DH-143b	ravine	2.6		12	4	3	7	1.1	5	5	1	65	23	8	54	6.41	*2*	190
03DH-144	ravine	1.8		9	3	2	6	0.6	5	7	2	65	9	4	61	5.73	*2*	286
03DH-145	ravine	0.25		16	4	3	2.5	1.1	6	10	4	29	10	7	99	5.78	*2*	369
03DH-147	ravine	0.7		10	1	2	2.5	0.2	6	5	2	136	8	10	29	5.92	*2*	376
03DH-150	ravine	0.25		21	5	7	6	0.4	3	13	1	22	2	2	25	6.36	*9*	319
RE 03DH-150		0.25		22	5	7	2.5	0.7	4	17	1	20	1	4	27	6.16	*11*	310
03DH-151	ravine	1.9		2.5	3	3	5	0.2	6	16	1	54	7	8	36	6.05	*2*	388
03DH-152	ravine	1		2.5	1	2	2.5	0.7	6	9	1	70	7	7	53	6.06	*2*	375
03DH-153	ravine	2		26	4	4	5	0.9	7	5	1	**572**	13	6	30	6.13	*2*	424
03DH-154	ravine	9.7		40	69	3	2.5	0.6	7	31	1	**4481**	9	4	33	4.58	*2*	262
03DH-155	ravine	0.9		16	3	5	2.5	1.6	5	12	1	158	9	2	26	4.58	*2*	436
03DH-157	ravine	0.25		2.5	1	2	2.5	0.4	6	25	1	46	20	4	20	4.36	*2*	281
03DH-158	ravine	0.6		11	2	3	2.5	0.4	7	18	1	54	7	5	29	4.35	*2*	219
03DH-159	W of cmp	0.25		149	2	1	2.5	0.2	17	5	1	2.5	6	5	19	1.29	*2*	8
03DH-161	W of cmp	0.25		2.5	1	4	2.5	0.5	28	12	1	2.5	2	2	36	8.1	*2*	223
03DH-166	W of cmp	0.25		2.5	1	6	2.5	0.6	30	11	1	2.5	1	2	54	7.65	*2*	219
03DH-167	W of cmp	0.25		2.5	1	1	2.5	0.2	16	9	1	2.5	1	2	14	1.88	*2*	73
03DH-168	W of cmp	0.25		2.5	1	4	2.5	0.8	**93**	23	1	2.5	1	2	78	10.21	*2*	322

ELEMENT	Ca	Co	Fe	K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
200126	0.11	8	2.82	0.07	24	0.85	84	0.37	3	10	0.031	2.5	6	290	6	0.14	5	48	4	4
200127	0.19	7	2.75	0.66	18	0.53	307	1.34	3	18	0.012	2.5	4	97	6	0.13	5	30	4	2
200128	0.36	10	3.95	2.73	32	0.84	346	1.43	11	21	0.1	2.5	9	147	15	0.33	5	84	7	6
200129	0.59	18	5.6	2.09	43	1.23	399	2.03	13	37	0.031	2.5	11	247	13	0.34	5	82	8	6
03DT-01	0.19	1	1.78	2.96	3	0.1	91	1.74	20	4	0.103	2.5	4	49	9	0.04	11	3	8	6
03DH-46a	0.11	1	1.26	3.48	15	0.1	67	1.21	13	1	0.07	2.5	3	69	16	0.12	5	6	7	3
03DH-55	0.15	**101**	3.69	0.12	39	0.44	110	0.21	15	**78**	0.05	2.5	10	102	17	0.38	5	32	6	5
03DH-60	0.41	2	1.63	3.06	17	0.1	222	1.49	7	5	0.056	2.5	3	67	13	0.06	10	5	12	6
03DH-120	1.01	6	3.67	0.13	5	0.11	93	0.06	1	6	0.001	5	0.5	71	3	0.01	5	4	3	1
03DH-127	0.26	1	1.45	3.56	21	0.15	141	0.84	10	3	0.066	2.5	3	36	10	0.11	13	8	8	3
03DH-128	0.03	1	0.89	2.79	11	0.14	86	0.05	7	2	0.018	2.5	2	24	12	0.06	5	6	4	6
03DH-134	0.01	1	0.77	0.09	3	0.03	25	0.04	1	2	0.001	2.5	0.5	13	4	0.01	13	3	1	2
03DH-136	0.08	1	0.9	2.88	30	0.1	81	0.82	10	6	0.048	5	2	50	14	0.07	12	4	10	6
03DH-137	0.02	1	0.95	3.34	16	0.1	99	0.88	11	2	0.03	7	3	33	20	0.08	11	5	4	8
03DH-139	0.19	1	0.95	3.18	13	0.06	83	1.78	12	2	0.064	2.5	3	79	17	0.12	11	8	12	4
03DH-142	0.23	1	1.08	2.99	19	0.07	270	2.02	13	1	0.068	2.5	5	57	12	0.09	5	8	14	5
03DH-143a	0.19	1	1.67	3.02	6	0.14	94	2.55	15	1	0.094	2.5	5	52	16	0.09	11	7	11	12
03DH-143b	0.18	1	1.32	2.98	6	0.11	119	2.57	12	2	0.077	6	4	45	17	0.08	5	6	9	10
03DH-144	0.16	1	1.1	3	5	0.08	61	2.16	11	2	0.065	2.5	3	47	10	0.06	5	7	8	9
03DH-145	0.16	1	1.3	2.68	5	0.1	272	1.95	13	5	0.072	2.5	3	46	16	0.07	5	6	10	10
03DH-147	0.1	1	1.61	3.37	8	0.14	84	1.3	11	2	0.057	2.5	3	41	15	0.13	25	10	6	6
03DH-150	0.53	1	0.54	3.42	6	0.02	32	2.56	21	2	0.013	2.5	0.5	63	9	0.03	17	1	27	1
RE 03DH-150	0.5	1	0.55	3.59	5	0.02	32	2.56	23	5	0.012	6	0.5	61	12	0.03	24	2	27	1
03DH-151	0.11	1	1.24	3.76	17	0.1	110	1.13	10	1	0.063	2.5	2	32	17	0.11	5	9	9	7
03DH-152	0.15	1	1.18	3.98	23	0.1	133	1.3	11	4	0.065	2.5	3	45	16	0.11	5	9	12	6
03DH-153	0.05	1	1.52	4.62	16	0.12	141	0.11	12	2	0.06	2.5	3	39	16	0.1	17	8	6	11
03DH-154	0.08	1	1.7	3.12	17	0.1	118	0.28	8	2	0.056	2.5	2	24	15	0.07	5	6	6	13
03DH-155	0.02	1	0.97	3.04	16	0.09	79	0.08	9	2	0.034	2.5	2	56	13	0.05	5	7	7	10
03DH-157	0.1	1	0.76	3.1	23	0.09	90	0.16	9	2	0.052	2.5	2	37	14	0.07	5	10	8	4
03DH-158	0.04	1	1.22	2.61	36	0.1	74	0.69	13	1	0.035	2.5	3	43	25	0.11	5	15	7	10
03DH-159	0.04	1	1.2	0.03	10	0.26	31	0.12	1	2	0.004	2.5	3	29	3	0.04	5	24	1	2
03DH-161	2.79	6	1.97	1.24	19	0.63	262	2.34	3	16	0.012	2.5	5	1314	9	0.12	5	27	9	1
03DH-166	2.15	6	2.06	1.67	11	0.57	275	2.13	2	16	0.021	2.5	5	1213	3	0.16	5	26	6	3
03DH-167	0.53	3	1.05	0.26	10	0.23	185	0.37	3	9	0.003	2.5	2	298	2	0.05	5	14	4	4
03DH-168	1.98	22	4.69	2.2	43	2.29	627	2.63	4	**74**	0.041	2.5	16	1356	14	0.41	5	115	19	1

ELEMENT	Approx.	Ag	Ag	As	Au**	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	*Au*	Ba
SAMPLES	**Location**	**ppm**	**total**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	*ppm*	**ppm**
03DH-169	W of cmp	0.25		2.5	1	4	2.5	0.7	18	10	1	6	1	2	41	8.05	*2*	255
03DH-170	W of cmp	0.25		197	4	0.5	2.5	0.2	11	6	1	2.5	1	2	5	0.17	*2*	6
03DH-171	ravine bank	0.25		439	6	2	2.5	0.2	16	2	1	181	11	9	20	5	*2*	329
median		1		9999	33	4	15	0.9	36	10	1	27	21	10	66	2.56	2	56
max value**		200		9999	3466	817	2000	1319.5	117	346	10	8966	135	200	56470	10.21	11	776
lower det. Limit*		0.5		5	2	1	5	0.4	2	2	2	5	2	4	3		4	
minimum		0.25		2.5	1	0.5	2.5	0.2	1	1	1	2.5	1	2	3	0.1	2	2
upper detect. limit		200		9999			2000							200				
90%ile		34.36		9999	1219	30.8	986.4	207.72	82.6	29.8	2	565	66	200	4351	7.064	2	390
n		143		143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
bolded at		20		1500	200	20	800	200	100	100		500	50	100	1000			
bold and italic							200											

To allow statistical treatment, symbols such as < and > were converted to numerical values:

Values less than detection limit have been converted to +(positive value) (1/2 detection limit)

**Values greater than detection limit have been converted to that upper detection limit (no symbol)

ELEMENT	Ca	Co	Fe	K	La	Mg	Mn	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
SAMPLES	%	ppm	%	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
03DH-169	4.42	7	1.89	2.17	12	0.51	359	2.4	2	15	0.142	2.5	4	706	3	0.09	5	20	6	2
03DH-170	0.06	2	0.5	0.01	2	0.02	25	0.03	1	6	0.003	2.5	0.5	13	1	0.005	5	1	1	3
03DH-171	0.005	1	1.24	4.38	5	0.15	95	0.09	8	1	0.012	2.5	2	31	1	0.06	5	8	2	4
median	0.35	4	3.29	0.3	7	0.12	89	0.12	3	4	0.012	2.5	3	61	4	0.05	5	9	5	2
max value**	13.38	128	23.28	4.62	43	2.89	1416	2.63	23	78	0.166	7	28	1982	25	1.23	34	280	27	13
lower det. Lir	0.01	2		0.01	2			0.01	2	2	0.002	5	1		2	0.01	10	2	2	2
minimum	0.005	1	0.43	0.005	1	0.01	13	0.005	1	1	0.001	2.5	0.5	9	1	0.005	5	1	1	1
upper detect.																				
90%ile	2.206	20.8	7.726	3.056	32	0.988	403	1.772	12	25.8	0.065	2.5	9	312.4	14.8	0.24	12.8	70.8	12	7
n	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
bolded at		100								70										
bold and itali																				

	Ag	As	Au	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	Ba	Ca	Co	Fe	K	La	Mg	Mn
Ag	1.00																					
As	-0.04	1.00																				
Au	0.22	**0.58**	1.00																			
Be	0.17	0.34	0.21	1.00																		
Bi	**0.57**	0.48	0.43	0.21	1.00																	
Cd	**0.55**	0.29	0.25	0.43	**0.52**	1.00																
Cr	-0.30	0.08	0.03	-0.17	-0.07	-0.24	1.00															
Cu	**0.61**	-0.06	0.13	0.33	0.37	**0.52**	-0.32	1.00														
Mo	0.45	-0.10	-0.01	0.43	0.28	0.40	-0.36	**0.59**	1.00													
Pb	**0.65**	-0.10	0.04	0.32	0.30	0.46	-0.51	**0.74**	**0.62**	1.00												
Sn	0.42	0.26	0.23	0.82	0.31	**0.53**	-0.41	**0.53**	**0.58**	**0.65**	1.00											
W	0.08	**0.75**	0.49	**0.61**	0.47	0.36	0.00	0.07	0.01	0.06	**0.50**	1.00										
Zn	**0.67**	0.19	0.21	0.44	**0.54**	**0.92**	-0.29	**0.63**	0.48	0.60	**0.62**	0.31	1.00									
Al	0.04	0.11	0.12	0.35	0.02	0.09	0.12	0.27	-0.06	-0.02	0.20	0.24	0.11	1.00								
Ba	-0.41	0.06	0.04	-0.32	-0.24	-0.41	0.30	-0.50	-0.41	-0.65	-0.52	-0.12	-0.49	0.08	1.00							
Ca	-0.35	0.19	-0.03	-0.25	-0.02	-0.21	0.33	-0.53	-0.32	-0.44	-0.40	0.10	-0.32	-0.39	0.06	1.00						
Co	-0.12	0.27	0.29	0.15	0.15	-0.04	0.52	0.08	-0.19	-0.31	-0.09	0.22	-0.02	0.31	0.04	0.20	1.00					
Fe	-0.07	0.23	0.25	0.14	0.20	0.01	0.53	0.23	-0.13	-0.22	-0.07	0.22	0.02	0.58	0.04	-0.11	**0.73**	1.00				
K	0.42	-0.10	0.09	0.39	0.07	0.27	-0.46	**0.57**	0.44	**0.62**	0.60	0.03	0.37	0.41	-0.37	-0.66	-0.21	-0.01	1.00			
La	0.24	0.17	0.05	0.08	0.20	0.16	-0.22	0.34	0.25	0.32	0.16	0.01	0.21	-0.26	-0.28	0.11	0.05	-0.05	0.08	1.00		
Mg	-0.34	0.10	0.03	-0.13	-0.11	-0.26	**0.87**	-0.31	-0.39	-0.56	-0.38	0.06	-0.30	0.20	0.36	0.43	0.56	**0.54**	-0.48	-0.20	1.00	
Mn	0.43	0.04	0.06	0.32	0.37	0.57	-0.14	0.53	0.41	0.36	0.35	0.14	**0.58**	0.00	-0.49	-0.04	0.25	0.15	0.22	0.42	-0.12	1.00
Na	-0.21	-0.13	-0.23	-0.36	-0.18	-0.27	-0.18	-0.43	-0.14	-0.26	-0.33	-0.24	-0.34	-0.38	0.22	0.50	-0.32	-0.59	-0.32	-0.04	-0.09	-0.29
Nb	0.26	-0.21	-0.02	0.09	0.05	0.07	-0.15	0.36	0.29	0.38	0.25	-0.16	0.15	0.18	-0.20	-0.49	-0.14	0.10	0.56	0.17	-0.25	0.16
Ni	-0.25	0.15	0.13	-0.03	-0.03	-0.17	0.88	-0.20	-0.29	-0.42	-0.27	0.09	-0.18	0.09	0.11	0.39	**0.76**	**0.56**	-0.37	-0.06	0.81	0.06
P	0.29	-0.06	0.00	0.03	0.15	0.15	-0.35	0.43	0.34	0.50	0.27	-0.12	0.24	-0.26	-0.45	-0.13	-0.13	-0.16	0.25	0.57	-0.38	0.38
Sb	0.18	-0.11	0.08	0.12	0.03	0.10	-0.08	0.09	0.08	0.10	0.15	-0.05	0.12	0.05	0.05	-0.11	-0.07	-0.07	0.21	-0.04	-0.05	0.11
Sc	-0.30	0.15	0.11	-0.10	-0.06	-0.28	**0.75**	-0.24	-0.38	-0.56	-0.35	0.05	-0.31	0.44	0.45	0.16	**0.56**	**0.69**	-0.26	-0.16	0.79	-0.13
Sr	-0.30	0.21	0.00	-0.10	-0.01	-0.13	0.09	-0.35	-0.27	-0.34	-0.25	0.19	-0.21	-0.15	-0.15	**0.72**	0.29	0.09	-0.36	0.16	0.20	0.10
Th	0.60	-0.13	-0.01	0.44	0.24	0.47	-0.52	**0.69**	**0.71**	**0.86**	**0.72**	0.01	0.60	0.05	-0.58	-0.50	-0.32	-0.23	0.74	0.35	-0.54	0.49
Ti	-0.39	-0.02	-0.01	-0.29	-0.18	-0.37	0.57	-0.33	-0.44	-0.59	-0.49	-0.08	-0.45	0.15	0.41	0.19	0.31	0.46	-0.29	-0.20	0.55	-0.27
U	0.63	-0.09	0.02	0.12	0.58	0.44	-0.22	**0.51**	0.32	0.57	0.31	0.03	**0.56**	0.03	-0.35	-0.26	-0.07	0.00	0.27	0.17	-0.28	0.40
V	-0.50	0.10	0.07	-0.25	-0.19	-0.40	0.73	-0.39	-0.52	-0.73	-0.55	-0.03	-0.49	0.25	**0.61**	0.16	**0.50**	**0.62**	-0.45	-0.33	0.72	-0.33
Y	0.34	0.13	0.04	0.24	0.29	0.32	-0.32	0.39	0.37	0.46	0.36	0.18	0.38	-0.21	-0.63	0.17	0.04	-0.03	0.21	0.78	-0.28	0.60
Zr	-0.25	-0.07	-0.16	-0.49	-0.11	-0.26	-0.13	-0.37	-0.22	-0.31	-0.48	-0.30	-0.37	-0.42	0.29	0.43	-0.28	-0.48	-0.36	0.07	-0.11	-0.22

	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
Ag													
As													
Au													
Be													
Bi													
Cd													
Cr													
Cu													
Mo													
Pb													
Sn													
W													
Zn													
Al													
Ba													
Ca													
Co													
Fe													
K													
La													
Mg													
Mn													
Na	1.00												
Nb	-0.21	1.00											
Ni	-0.21	-0.20	1.00										
P	-0.09	0.25	-0.27	1.00									
Sb	-0.06	0.18	-0.07	0.04	1.00								
Sc	-0.25	0.01	0.64	-0.30	-0.04	1.00							
Sr	0.25	-0.36	0.28	-0.16	-0.21	0.03	1.00						
Th	-0.24	0.52	-0.42	0.49	0.20	-0.47	-0.37	1.00					
Ti	0.03	0.20	0.41	-0.28	-0.08	0.64	0.03	-0.54	1.00				
U	-0.14	0.21	-0.19	0.21	0.12	-0.27	-0.22	0.52	-0.33	1.00			
V	-0.15	-0.09	0.57	-0.38	-0.07	0.83	0.01	-0.72	0.82	-0.38	1.00		
Y	-0.13	0.15	-0.09	0.57	0.02	-0.31	0.36	0.48	-0.35	0.25	-0.53	1.00	
Zr	0.81	-0.27	-0.20	0.05	-0.07	-0.19	0.23	-0.34	0.03	-0.12	-0.05	-0.12	1.00

	Ag	As	Au	Be	Bi	Cd	Cr	Cu	Mo	Pb	Sn	W	Zn	Al	Ba	Ca	Co	Fe	K	La	Mg	Mn
Ag	1.00																					
As	-0.04	1.00																				
Au	0.22	**0.58**	1.00																			
Be	0.17	0.34	0.21	1.00																		
Bi	**0.57**	0.48	0.43	0.21	1.00																	
Cd	**0.55**	0.29	0.25	0.43	**0.52**	1.00																
Cr	-0.30	0.08	0.03	-0.17	-0.07	-0.24	1.00															
Cu	**0.61**	-0.06	0.13	0.33	0.37	**0.52**	-0.32	1.00														
Mo	0.45	-0.10	-0.01	0.43	0.28	0.40	-0.36	**0.59**	1.00													
Pb	**0.65**	-0.10	0.04	0.32	0.30	0.46	-0.51	**0.74**	**0.62**	1.00												
Sn	0.42	0.26	0.23	0.82	0.31	**0.53**	-0.41	**0.53**	**0.58**	**0.65**	1.00											
W	0.08	**0.75**	0.49	**0.61**	0.47	0.36	0.00	0.07	0.01	0.06	**0.50**	1.00										
Zn	**0.67**	0.19	0.21	0.44	**0.54**	**0.92**	-0.29	**0.63**	0.48	0.60	**0.62**	0.31	1.00									
Al	0.04	0.11	0.12	0.35	0.02	0.09	0.12	0.27	-0.06	-0.02	0.20	0.24	0.11	1.00								
Ba	-0.41	0.06	0.04	-0.32	-0.24	-0.41	0.30	-0.50	-0.41	-0.65	-0.52	-0.12	-0.49	0.08	1.00							
Ca	-0.35	0.19	-0.03	-0.25	-0.02	-0.21	0.33	-0.53	-0.32	-0.44	-0.40	0.10	-0.32	-0.39	0.06	1.00						
Co	-0.12	0.27	0.29	0.15	0.15	-0.04	0.52	0.08	-0.19	-0.31	-0.09	0.22	-0.02	0.31	0.04	0.20	1.00					
Fe	-0.07	0.23	0.25	0.14	0.20	0.01	0.53	0.23	-0.13	-0.22	-0.07	0.22	0.02	0.58	0.04	-0.11	**0.73**	1.00				
K	0.42	-0.10	0.09	0.39	0.07	0.27	-0.46	**0.57**	0.44	**0.62**	0.60	0.03	0.37	0.41	-0.37	-0.66	-0.21	-0.01	1.00			
La	0.24	0.17	0.05	0.08	0.20	0.16	-0.22	0.34	0.25	0.32	0.16	0.01	0.21	-0.26	-0.28	0.11	0.05	-0.05	0.08	1.00		
Mg	-0.34	0.10	0.03	-0.13	-0.11	-0.26	**0.87**	-0.31	-0.39	-0.56	-0.38	0.06	-0.30	0.20	0.36	0.43	0.56	**0.54**	-0.48	-0.20	1.00	
Mn	0.43	0.04	0.06	0.32	0.37	0.57	-0.14	0.53	0.41	0.36	0.35	0.14	**0.58**	0.00	-0.49	-0.04	0.25	0.15	0.22	0.42	-0.12	1.00
Na	-0.21	-0.13	-0.23	-0.36	-0.18	-0.27	-0.18	-0.43	-0.14	-0.26	-0.33	-0.24	-0.34	-0.38	0.22	0.50	-0.32	-0.59	-0.32	-0.04	-0.09	-0.29
Nb	0.26	-0.21	-0.02	0.09	0.05	0.07	-0.15	0.36	0.29	0.38	0.25	-0.16	0.15	0.18	-0.20	-0.49	-0.14	0.10	0.56	0.17	-0.25	0.16
Ni	-0.25	0.15	0.13	-0.03	-0.03	-0.17	0.88	-0.20	-0.29	-0.42	-0.27	0.09	-0.18	0.09	0.11	0.39	**0.76**	**0.56**	-0.37	-0.06	0.81	0.06
P	0.29	-0.06	0.00	0.03	0.15	0.15	-0.35	0.43	0.34	0.50	0.27	-0.12	0.24	-0.26	-0.45	-0.13	-0.13	-0.16	0.25	0.57	-0.38	0.38
Sb	0.18	-0.11	0.08	0.12	0.03	0.10	-0.08	0.09	0.08	0.10	0.15	-0.05	0.12	0.05	0.05	-0.11	-0.07	-0.07	0.21	-0.04	-0.05	0.11
Sc	-0.30	0.15	0.11	-0.10	-0.06	-0.28	**0.75**	-0.24	-0.38	-0.56	-0.35	0.05	-0.31	0.44	0.45	0.16	**0.56**	**0.69**	-0.26	-0.16	0.79	-0.13
Sr	-0.30	0.21	0.00	-0.10	-0.01	-0.13	0.09	-0.35	-0.27	-0.34	-0.25	0.19	-0.21	-0.15	-0.15	**0.72**	0.29	0.09	-0.36	0.16	0.20	0.10
Th	0.60	-0.13	-0.01	0.44	0.24	0.47	-0.52	**0.69**	**0.71**	**0.86**	**0.72**	0.01	0.60	0.05	-0.58	-0.50	-0.32	-0.23	0.74	0.35	-0.54	0.49
Ti	-0.39	-0.02	-0.01	-0.29	-0.18	-0.37	0.57	-0.33	-0.44	-0.59	-0.49	-0.08	-0.45	0.15	0.41	0.19	0.31	0.46	-0.29	-0.20	0.55	-0.27
U	0.63	-0.09	0.02	0.12	0.58	0.44	-0.22	**0.51**	0.32	0.57	0.31	0.03	**0.56**	0.03	-0.35	-0.26	-0.07	0.00	0.27	0.17	-0.28	0.40
V	-0.50	0.10	0.07	-0.25	-0.19	-0.40	0.73	-0.39	-0.52	-0.73	-0.55	-0.03	-0.49	0.25	**0.61**	0.16	**0.50**	**0.62**	-0.45	-0.33	0.72	-0.33
Y	0.34	0.13	0.04	0.24	0.29	0.32	-0.32	0.39	0.37	0.46	0.36	0.18	0.38	-0.21	-0.63	0.17	0.04	-0.03	0.21	0.78	-0.28	0.60
Zr	-0.25	-0.07	-0.16	-0.49	-0.11	-0.26	-0.13	-0.37	-0.22	-0.31	-0.48	-0.30	-0.37	-0.42	0.29	0.43	-0.28	-0.48	-0.36	0.07	-0.11	-0.22

	Na	Nb	Ni	P	Sb	Sc	Sr	Th	Ti	U	V	Y	Zr
Ag													
As													
Au													
Be													
Bi													
Cd													
Cr													
Cu													
Mo													
Pb													
Sn													
W													
Zn													
Al													
Ba													
Ca													
Co													
Fe													
K													
La													
Mg													
Mn													
Na	1.00												
Nb	-0.21	1.00											
Ni	-0.21	-0.20	1.00										
P	-0.09	0.25	-0.27	1.00									
Sb	-0.06	0.18	-0.07	0.04	1.00								
Sc	-0.25	0.01	0.64	-0.30	-0.04	1.00							
Sr	0.25	-0.36	0.28	-0.16	-0.21	0.03	1.00						
Th	-0.24	0.52	-0.42	0.49	0.20	-0.47	-0.37	1.00					
Ti	0.03	0.20	0.41	-0.28	-0.08	0.64	0.03	-0.54	1.00				
U	-0.14	0.21	-0.19	0.21	0.12	-0.27	-0.22	0.52	-0.33	1.00			
V	-0.15	-0.09	0.57	-0.38	-0.07	0.83	0.01	-0.72	0.82	-0.38	1.00		
Y	-0.13	0.15	-0.09	0.57	0.02	-0.31	0.36	0.48	-0.35	0.25	-0.53	1.00	
Zr	0.81	-0.27	-0.20	0.05	-0.07	-0.19	0.23	-0.34	0.03	-0.12	-0.05	-0.12	1.00

T-1

	Ag	Au**	Be	Bi	Cd	Cu	Pb	Sn	W	Zn
Ag	1.00									
Au**	**0.51**	1.00								
Be	0.03	**0.56**	1.00							
Bi	**0.84**	**0.87**	0.38	1.00						
Cd	0.09	-0.19	-0.29	-0.06	1.00					
Cu	-0.10	-0.20	-0.10	-0.16	**0.90**	1.00				
Pb	**0.91**	0.32	-0.06	**0.68**	0.02	-0.08	1.00			
Sn	**0.66**	0.45	0.27	**0.60**	-0.30	-0.22	**0.77**	1.00		
W	0.39	-0.06	0.13	0.22	-0.23	-0.22	**0.57**	0.47	1.00	
Zn	-0.02	-0.20	-0.25	-0.12	**0.98**	0.92	-0.08	-0.34	-0.28	1.00

T-2

	Ag	Au**	Be	Bi	Cd	Cu	Pb	Sn	W	Zn
Ag	1.00									
Au**	0.05	1.00								
Be	0.22	0.29	1.00							
Bi	**0.71**	0.33	0.56	1.00						
Cd	**0.54**	0.01	0.64	**0.86**	1.00					
Cu	**0.89**	0.25	0.38	**0.75**	**0.55**	1.00				
Pb	**0.98**	0.04	0.26	**0.76**	**0.64**	**0.83**	1.00			
Sn	**0.70**	0.01	0.39	**0.51**	0.42	**0.67**	**0.71**	1.00		
W	0.07	0.05	0.10	-0.13	-0.32	0.14	-0.02	0.22	1.00	
Zn	0.36	0.02	**0.68**	**0.78**	**0.97**	0.40	0.46	0.30	-0.38	1.00

T-4

	Ag	Au**	Be	Bi	Cd	Cu	Pb	Sn	W	Zn
Ag	1.00									
Au**	**0.51**	1.00								
Be	-0.19	-0.33	1.00							
Bi	**0.96**	**0.67**	-0.29	1.00						
Cd	**0.99**	0.55	-0.15	**0.96**	1.00					
Cu	0.03	-0.21	**0.65**	-0.07	0.06	1.00				
Pb	**0.99**	0.44	-0.13	**0.94**	**0.98**	0.11	1.00			
Sn	-0.21	-0.39	**0.94**	-0.31	-0.18	**0.78**	-0.12	1.00		
W	-0.33	-0.28	**0.59**	-0.30	-0.31	0.36	-0.29	**0.55**	1.00	
Zn	**0.99**	0.49	-0.11	**0.96**	**1.00**	0.11	0.99	-0.13	-0.26	1.00

T-5

	Ag	Au**	Be	Bi	Cd	Cu	Pb	Sn	W	Zn
Ag	1.00									
Au**	**0.98**	1.00								
Be	-0.23	-0.08	1.00							
Bi	**0.99**	1.00	-0.15	1.00						
Cd	**0.66**	**0.66**	-0.52	**0.68**	1.00					
Cu	**0.82**	**0.87**	-0.20	**0.84**	**0.71**	1.00				
Pb	**1.00**	**0.98**	-0.22	**0.99**	**0.65**	**0.82**	1.00			
Sn	**0.73**	**0.79**	-0.04	**0.75**	0.46	0.95	**0.74**	1.00		
W	-0.12	-0.09	-0.46	-0.09	**0.65**	0.16	-0.14	-0.06	1.00	
Zn	0.26	0.27	-0.58	0.29	**0.89**	0.42	0.25	0.14	**0.88**	1.00

Boulders

	Ag	As	Au**	Be	Bi	Cu	Sn	W	Zn	Co
Ag	1.00									
As	0.23	1.00								
Au**	0.14	0.39	1.00							
Be	0.08	-0.37	-0.32	1.00						
Bi	**0.78**	0.36	**0.66**	-0.13	1.00					
Cu	-0.15	0.18	**0.81**	-0.22	0.44	1.00				
Sn	0.36	0.00	-0.32	0.39	0.01	-0.35	1.00			
W	-0.13	0.17	-0.02	0.11	-0.07	0.07	-0.20	1.00		
Zn	0.12	-0.64	-0.49	0.60	-0.24	-0.35	0.42	-0.24	1.00	
Co	-0.19	0.18	0.47	0.17	0.15	0.59	-0.27	0.55	-0.26	1.00

Appendix 3c-Statistical correlations/ individual zones

list of abbreviations at end of spreadsheet									
Sample		**location**	**date**	**UTM E**	**UTM N**	**type**	**th. sect.**	**Ag**	**Au****
200019	JD	T2	24-Aug	377654	6809787	muck		16.7	188
200020	JD	T2	24-Aug	377654	6809787	muck		10.4	62
200021	JD	T2	24-Aug	377654	6809787	muck		9.4	**232**
200022	JD	T2	24-Aug	377654	6809787	muck		14.9	**398**
200023	JD	T2	24-Aug	377654	6809787	muck		10.9	**302**
200024	JD	T2	24-Aug	377654	6809787	muck		7	**920**
200025	JD	T2	24-Aug	377654	6809787	excavated qtz		**36.3**	**646**
200026	JD	T2	24-Aug	377654	6809787	excavated qtz		**112.6**	**774**
200027	JD	T2	24-Aug	377654	6809787	excavated qtz		**89.5**	**1350**
200028	JD	T2	24-Aug	377654	6809787	excavated qtz		**169.4**	**636**
200029	JD	T2	24-Aug	377654	6809787	excavated qtz		**189.1**	**1565**
200030	JD	T2	24-Aug	377654	6809787	excavated qtz		**214.4**	**1232**
200031	DH	T2	25-Aug	377654	6809787	trench, chip 1.2m		12.5	220
200032	DH	T2	25-Aug	377654	6809787	tr., disc chip 2.2m		**26.6**	**1593**
200033	DH	T2	25-Aug	377654	6809787	tr, disc chip 1m		**54.8**	**3090**
200034	DH	T2	25-Aug	377654	6809787	excavated qtz		**637.6**	**1743**
200035	DH	T2	25-Aug	377654	6809787	excavated qtz	x	6.7	**1425**
200036	DH	T2	25-Aug	377654	6809787	excavated qtz		**202.8**	**859**
200037	DH	T2	25-Aug	377654	6809787	excavated qtz	x	**143.1**	**1163**
200038	DH	T2	25-Aug	377654	6809787	excavated qtz		**243.7**	**580**
200039	DH	T2	25-Aug	377654	6809787	excavated qtz		**69**	**3069**
200040	DH	T2	25-Aug	377654	6809787	excavated qtz		4.4	108
200041	DH	T2	25-Aug	377654	6809787	excavated qtz		5.3	**1497**
200042	DH	T5	25-Aug	377627	6809793	Tr, rough chip 1m		2.3	**251**
200043	DH	T5	25-Aug	377627	6809793	Tr, rough chip 1.1m		2.3	**250**
200044	DH	T5	25-Aug	377627	6809793	Tr, rough chip 1.2m		**24.6**	**1244**
200045	JD	T2	25-Aug	377654	6809787	excavated qtz		**36.7**	**1578**
200046	JD	T4	25-Aug	377519	6809844			2.4	123
200047	JD	T4	25-Aug	377519	6809844			2.8	**417**

list of abbre\	
Sample	**Sample description**
200019	N side handmuck (not solid rock) from trench botttom with much asp in bull qtz; dirt to <10cm size
200020	Same as 200019
200021	Same as 200020
200022	Same as 200021
200023	Same as 200022
200024	Same as 200023
200025	South side, 10-40cm bedrock chunks from trench; much asp in bull qtz. Size of sample proportional to size of block
200026	Same as 200025
200027	Same as 200026
200028	Same as 200027
200029	Same as 200028
200030	Same as 200029
200031	white +n yellow qtz w irregular pods + bands of f-mg asp, tr sph; sulphides 2-5%, loc up to 10%
200032	mineralized qtz-asp in trench wall, rounded blocks. Asp 2-10%, average 2-5%. Sample taken over 2.2 m
200033	mineralized qtz on end wall of trench. Qtz-asp, loc banded (sheared)?, asp 2-20%, let gren alteration
200034	qtz asp vein w asp in // bands + diss along foliation. Some vuggy qtz elongated // to foln; asp 2-5%, py tr
200035	diffuse bands of 5-20% asp in grey qtz cut by or including bands or pods of greenish white qtz w tr-1% asp
200036	coarse asp xtals w tr spha in 0.5 cm bands, surrounding or interbanded w yellow to rusty to greenish qtz; asp 5-10%
200037	banded cg asp in white and greenish qtz
200038	qtz-asp w concentration near one surface grading into asp-poor white to grenish qtz, asp 2-10%
200039	qtz-asp w asp in blotchy veinlets; asp 2-7%, tr sph?
200040	mostly yellow-greenish qtz w irregular bands of diss pods of asp, total 2-3%
200041	2-5cm pods of masive asp w epidote in green altered white +rusty qtz w tr-2% asp
200042	chip through yellowish clay and rusty schist + qtz. Sample includes one piece of qtz asp (sample 200068)
200043	rusty gruss, mixture of schist+ qtz fx. Qtz is white + dirty w rusty asnd dk fractures, patches of corroded asp
200044	as above, w 60 cm long pod of yellow-grey clay alteration
200045	East end handheaved coarse berm to 45cm.Discon splotches/masses asp in white qtz; not over 10% barren qtz
200046	White qtz with irregular masses, discon splotches of asp dominate over banded fabric
200047	Same as 200046

Sample		location	date	UTM E	UTM N	type	th. sect.	Ag	Au**
200048	JD	T4	25-Aug	377519	6809844			1.8	94
200049	JD	T4	25-Aug	377519	6809844			3	152
200050	JD	T4	25-Aug	377519	6809844			1.2	48
200051	DH	T1	24-Aug	377665	6809712	20 cm rough chip		0.5	91
200052	DH	T1	24-Aug	377665	6809712	20 cm rough chip		2	**344**
200053	DH	T1	24-Aug	377665	6809712	rough chip		2.2	**254**
200054	DH	T1	24-Aug	377665	6809712	trench		2.3	**1600**
200055	DH	T1	24-Aug	377665	6809712	trench		0.9	138
200056	DH	T1	24-Aug	377665	6809712	trench		2.4	**1790**
200057	DH	T1	24-Aug	377665	6809712	trench		0.9	72
200058	DH	T1	24-Aug	377665	6809712	trench		0.25	187
200059	DH	T1	24-Aug	377665	6809712	trench		0.25	29
200060	DH	T1	24-Aug	377665	6809712	trench	X	12.9	**1165**
200061	DH	T1	24-Aug	377665	6809712	trench		0.5	59
200062	DH	T1	24-Aug	377665	6809712	trench		0.5	163
200063	DH	T1	24-Aug	377665	6809712	trench		3.4	**1133**
200064	JD	T1	24-Aug	377665	6809712			0.7	102
200065	JD	T1	24-Aug	377665	6809712			3.8	**391**
200066	JD	T1	24-Aug	377665	6809712			1.1	199
200067	JD	T1	24-Aug	377665	6809712			1	117
200068	DH	T5	25-Aug	377627	6809793	trench		2.8	90
200069	DH	T5	25-Aug	377627	6809793	trench		0.6	158
200070	DH	T5	25-Aug	377627	6809793	trench		0.5	**244**
200071	JD	T4	25-Aug	377519	6809844			1.2	30
200072	JD	T4	25-Aug	377519	6809844			1.1	121
200073	DH	T4	25-Aug	377519	6809844	excavated qtz		2.5	**503**
200074	DH	T4	25-Aug	377519	6809844	excavated qtz		25	**420**
200075	DH	T4	25-Aug	377519	6809844			0.8	20
200076	JD	T4 area	25-Aug	377519	6809844			1.1	152
200077	DH	qt hill	25-Aug	378023	6809822	oc, s/c?		3.4	44

Sample	Sample description
200048	Same as 200047
200049	Same as 200048
200050	Same as 200049
200051	qtz-asp-py-chl blebs in white-grey sugary qtz, red clay weathering around qtz blocks; asp 5-10%, py tr-1%, lt scor
200052	qtz w biot seams w diss asp (1%) + zone of moremassive and poddy asp (5-10%), some scorodite staining
200053	in orange-red altered gruss zone; incl altered schist and several occorences of mineralized qtz
200054	pod of white clayey material w boxwork texture, includes pods of qtz-asp
200055	qtz-asp (tourm) vein(or sili.schist?) w asp in blebs, pods and stringers, w pods of vfg sphalerite +py cubes
200056	lt green, frothy, clay-alt? rx w qtz grains in lt green boxwork texture matrix (leached-out sulphides?) w dk green seams
200057	slicked qtz-asp vein w pods + stringers of fg asp micaceous inclusions, tr diss py cubes
200058	qtz-sph-py-asp vein, poddy sulphides 20%
200059	qtz-asp vein w green and yellowish alterered qtz. Asp dissiminated + in thin seams, 2-5%
200060	qtz-asp band/vein w diss asp 2-10% in clar white qtz, cut by white qtz veinlet
200061	yellowish qtz w asp stringers and micaceous horizons
200062	asp (-sph-py) in pods + irregualr stringers; white qtz + lt green mica?, tourm or bands of silicified schist?
200063	rounded rx of fgqtz-asp-scor w amoeboid zones of lt gren alteration + leaching (boxwork texture)
200064	Handheaved rock berm north side; asp irreg lenses and splotches; much limonite outcrop; sph tenta identified
200065	Same as 200064
200066	Same as 200065
200067	Same as 200066
200068	in sample 200042, white + dirty qtz w kd fractures and asp patches 1%
200069	in materail excavated from Tr, banded fg asp in white to greenish qtz, asp 2-7%
200070	in materail excavated from Tr, disrupted bands of fg asp in white to greeenish qtz, asp 2-4%
200071	Bottom east end displays brick red alteration with >asp in unoxidized shells of fragmented white qtz chips.
200072	Botom mid-length exposes rusty orange fractured qtz and partially to completely oxidized asp
200073	white qtz w vfg asp in blebs
200074	composite sample over ~ 0.75m; patch of coarse blocks of qtz-asp fg asp in blebs, tr py
200075	tourmaline vein/breccia
200076	select from 2 boulders on surface, 8m S of Tr; white and rusty qtz w 2-3% asp in stringers and blebs
200077	tourm qtz vein w tr diss asp, cut by thin clear drusy qtz

Sample		location	date	UTM E	UTM N	type	th. sect.	Ag	Au**
200078	DH	qt hill	25-Aug	377982	6809841	disc chip		0.25	7
200079	DH	qt hill	25-Aug	377980	6809843	o/c		0.25	29
200080	DH	qt hill	25-Aug	377969	6809815			0.25	2
200081	DH	qt hill	25-Aug	377969	6809815			0.25	1
200082	DH	qt hill	25-Aug	377969	6809815			0.5	2
200083	DH	qt hill	25-Aug	377969	6809815	disc grab		1.9	19
200084	DH	qt hill	25-Aug	377969	6809815			0.25	20
200085	DH	qt hill	25-Aug	377969	6809815			0.8	4
200090	JD	L5425	26-Aug	377712	6810188			1	22
200091	JD	L5425	26-Aug	377712	6810188			0.25	3
200092	JD	L5425	26-Aug	377712	6810188			0.25	2
200093	JD	L5425	26-Aug	377712	6810188		x	0.25	3
200094	JD	L5425	26-Aug	377784	6810150			0.25	2
200095	JD	L5425	26-Aug	377852	6810162			0.25	1
200096	JD	L5425	26-Aug	377891	6810142			2	5
200097	JD	L5425	26-Aug	377890	6810144			0.25	4
200098	JD	qtz-tourm hill	25-Aug	377988	6809924			0.25	1
200099	JD	qtz-tourm hill	25-Aug	377968	6809849		x	0.25	6
200100	JD	boulders	27-Aug	377856	6810135			0.5	**927**
200101	JD	boulders	27-Aug	377856	6810135			0.8	**929**
200102	JD	boulders		377856	6810135			0.25	8
200103	JD	boulders		377856	6810135			0.7	**664**
200104	JD	boulders		377881	6810264		x	1.1	**3466**
200105	JD	boulders		377875	6810275			1.3	**1413**
200106	JD	boulders		377904	6810315			0.25	**1044**
200107	JD	boulders		377875	6810280			0.5	4
200108	JD	boulders		377847	6810269			1.2	5
200109	JD	boulders		377840	6810260			0.25	4
200110	JD	boulders		377837	6810264			0.25	26
200112	JD	boulders		377849	6810220			0.25	4

Sample	Sample description
200078	tourmaline-qtz vein, w tr-2% diss asp
200079	in same tourm-qtzstructure: breccia, w matrix fg sugary qtz, squarish clasts of dk green rx w 2-5% asp
200080	series of thin tourmaline veinlets in psammitic schist
200081	fg tourm w qtz fx, tr asp
200082	silicified schist w thin tourmaline veinlets and <1% diss py
200083	tourmaline breccia and veins (Tr-3?)
200084	mm-thin asp(qtz) veinlets in orange altered psammite, some diss asp in rx
200085	psammite w thin qtz veinlets and tr asp in veinlets and in selvage
200090	Mainly tourmaline
200091	very rusty qtz, minor tourmaline
200092	rusty qtz laced w tourmaline
200093	pervasive tourmaline
200094	musc schist and qtz veins, tr tourmaline
200095	muscovite schist, some qtz-Fe-ox
200096	biotite schist w qtz stringers
200097	white qtz minor Fe-ox and tourmaline
200098	feox major with lesser quartz laced by fine grained tourmaline
200099	breccia of white qtz chips weakly unidirectional healed by fine grained black tourmal; minor asp grains in trl.
200100	1% asp partly scor along with clusters of fresh asp in white qtz
200101	up to 3% asp as dissem and cluster masses in white quartz boulder float up to 35cm
200102	similar asp in boulder lm from 200101
200103	similar asp in boulder lm from 200102
200104	massive non-folioform >50% pyrite with white qtz; presence of sph and gal suspected
200105	similar description to 200104 in same size boulder lm nearby
200106	2% asp as patchy masses and clusters in FeOx dusted white qtz
200107	cobble size massive pyrite similar to 200104
200108	tour as very fine gr mass with ghost bio qtz schist
200109	same as 200108
200110	same as 200108
200112	same as 200108

Sample		location	date	UTM E	UTM N	type	th. sect.	Ag	Au**
200113	JD	boulders		377815	6810243			0.25	14
200114	JD	boulders		377826	6810211			0.25	**342**
200115	JD	boulders		377820	6810193			0.25	7
200116	JD	boulders		377819	6810193			17.2	130
200117	JD	boulders		377820	6810188			9	55
200118	JD	boulders		377814	6810192			**66.5**	**1161**
200119	JD	boulders		377814	6810192			5.2	40
200120	JD	boulders		377814	6810192			3.4	31
200121	JD	boulders		377814	6810192			2.5	30
200122	JD	boulders		377817	6810194			2.1	29
200123	JD	E end of ridge		378927	6809104			1.5	14
200124	JD	E end of ridge		378927	6809104			0.8	18
200125	JD	E end of ridge		378927	6809104			0.6	33
200126	JD	E end of ridge		378927	6809104			0.6	19
200127	JD	E end of ridge		378111	6809350			0.25	6
200128	JD	E end of ridge		378111	6809350			0.25	1
200129	JD	E end of ridge		378111	6809350			0.25	7
03DT- 01	DT	ravine	20-Aug	377781	6810639	s/c?		0.25	2
03DH-46a	DH	ravine	15-Aug	377851	6810403	float		1	1
03DH-55	DH	W of cmp	16-Aug	377644	6810328	float		0.25	27
03DH-60	DH	ravine	16-Aug	377711	6810795	o/c?		3.9	1
03DH-120	DH	top	19-Aug	377715	6809665	s/c + float		2.6	**243**
03DH-127	DH	ravine	20-Aug	377839	6810401	float		0.7	2
03DH-128	DH	ravine	20-Aug	377841	6810422			1.8	1
03DH-134				378022	6809726	float		0.5	2
03DH-136	DH	N of camp	26-Aug	377918	6810483	s/c		0.25	1
03DH-137	DH	N of camp	26-Aug	377898	6810482	o/c?		5	3
03DH-139	DH	ravine	26-Aug	377858	6810440	o/c?		0.25	1
03DH-142	DH	ravine	26-Aug	377762	6810670	o/c?		0.5	3
03DH-143a	DH	ravine	26-Aug	377760	6810664	o/c	x	4.3	3

Sample	Sample description
200113	3% asp with pyrite as massive clusters in white quartz
200114	>5% asp in masses hosted by white qtz
200115	tour healed qtz brex with dissem asp in bluish cloud qtz
200116	asp bands and clusters in white qtz
200117	2% asp as banded masses in white qtz
200118	highly altered 2% asp folioform with bio qtz schist
200119	5% asp as clusters and bands in white qtz
200120	same as 200119
200121	same as 200119
200122	same as 200119
200123	vuggy biotite qtz schist with minor pyrite clusters in white qtz
200124	very fine grained velvety brown/black tour banded and interwoven white qtz;<asp,ocean green frac filling(?)
200125	same as 200124
200126	same as 200124
200127	pyritic qtz seams/stringers in musc qtz schist. Several 1mm scheelite grains
200128	limonitic qtz musc schist weakly pyritic
200129	heavily limonitic pods in musc qtz schist
03DT- 01	lt green siliceous qtz-py rich (vein?) or zone, py 2-3%
03DH-46a	bleached and rusty silic(ified?) qtz musc fspar augen schist w disc vuggy py-lim fractures and veinlets
03DH-55	rusty banded qtz veinw mafic seams, up to 1% py, po, asp
03DH-60	foliated silicified fspar augen schist? w 1-2% diss py and along fractures, qtz vein // to foln
03DH-120	qtz asp scor vein, 30-40 cm, various textures (banded , some thin massive asp seams) asp 1-3%
03DH-127	rusty bleached siliceous fspar aug schist w 1 cm drusy qtz vein w 1% py
03DH-128	rusty weath, bleached fractured silicified fspar augen schist w x-cutting , thin qtz stringers, musc alt
03DH-134	bull qtz w tr asp on fractures
03DH-136	silicified and bleached fspar aug schist? w thin brecciated layer // to foln of breccia w qtz fx in siliceous matrix
03DH-137	silicified and bleached fspar aug schist? W qtz stockwork, pervasive musc and on foln plane
03DH-139	rusty and strongly silicified fspar aug schist w tr vfg sulphides
03DH-142	highly siliceous foliated rx, mostly qtz w shiny grey musc on foln, tr py (lim) in cubes and and on fractures
03DH-143a	pod or vein of fg greenish qtz w fg diss py cubes 2-3% (cuts or included in - 143b)

Sample		location	date	UTM E	UTM N	type	th. sect.	Ag	Au**
03DH-143b	DH	ravine	26-Aug	377760	6810664			2.6	4
03DH-144	DH	ravine	26-Aug	377770	6810650	discont chip		1.8	3
03DH-145	DH	ravine	26-Aug	377770	6810650	o/c		0.25	4
03DH-147	DH	ravine	26-Aug	377780	6810643	o/c		0.7	1
03DH-150	DH	ravine	26-Aug	377864	6810590	float	X	0.25	5
03DH-151	DH	ravine	26-Aug	377804	6810572			1.9	3
03DH-152	DH	ravine	26-Aug	377798	6810555	discont grab		1	1
03DH-153	DH	ravine	26-Aug	377796	6810539	o/c		2	4
03DH-154	DH	ravine	26-Aug	377796	6810539	discont chip		9.7	69
03DH-155	DH	ravine	26-Aug	377801	6810525	o/c		0.9	3
03DH-157	DH	ravine	26-Aug	377805	6810537			0.25	1
03DH-158	DH	ravine	26-Aug	377808	6810530	o/c		0.6	2
03DH-159	DH	W of cmp	27-Aug	377687	6810331	float		0.25	2
03DH-161	DH	W of cmp	27-Aug	377325	6810284	float		0.25	1
03DH-166	DH	W of cmp	27-Aug	377305	6810198	float		0.25	1
03DH-167	DH	W of cmp	27-Aug	377339	6810189	float		0.25	1
03DH-168	DH	W of cmp	27-Aug	377347	6810192			0.25	1
03DH-169	DH	W of cmp	27-Aug	between 168 and 170		o/c		0.25	1
03DH-170	DH	W of cmp	27-Aug	377420	6810102			0.25	4
03DH-171	DH	ravine top	28-Aug	377822	6810537	float		0.25	6

ABBREVIATIONS					
//	parallel	fspar	feldspar	s/c	subcrop
asp	arsenopyrite	fx	fragment	scor	scorodite
aug	augen	intr	intrusion	sph	sphalerite
biot	biotite	lt	light	vfg	very fine grained
disc	discontinuous	musc	muscovite	weath	weathering
diss	dissiminated	o/c	outcrop	xtals	crystals
fg	fine grained	py	pyrite		

Sample	Sample description
03DH-143b	dirty white and grey rusty fspar musc biot rx (silicified schist?) w dk fractures + tr diss py (or intrusive?)
03DH-144	greenish and siliceous altered vein or pod, fg silica and tr-2% fg py cubes
03DH-145	v siliceous rx w grenish fg core, py tr-2%
03DH-147	fg siliceous rx w tr-2% py in micaceous foliated rx (pod or dyke?)
03DH-150	quartz- tourmaline and purple and blue fluorite in silicified schist
03DH-151	foliated siliceous (silicified) augen schist w 1-2% diss py-lim. Thin qtz foliae
03DH-152	foliated silicified augen schistw shiny grey muscovite, pyritic, w 1- 5% diss py cubes
03DH-153	green, rusty + yellow mg siliceous rx w py 2-5% as diss cubes and in clots (silicified augen schist?)
03DH-154	greenish siliceous rx cut by qtz-py veins, w patches of py cubes (tr-3%). Fg yellow-gren mica
03DH-155	lt green siliceous rx, clay altred, cut by thin (mm) clear qtz stringers and thicker white qtz-lim veinlets
03DH-157	rusty weath, green altered silicified schist, cut by qtz veins, py tr-1%
03DH-158	rusty weath, green altered silicified schist? w green mica; and oxidized zones, cut by thin qtz veinlets
03DH-159	qtz-tourmaline vein material
03DH-161	clear white to grey qtz w selvage of fspar-qtz fx in tourmaline-chlorite matrix
03DH-166	white qtz vein w brecciated chlorite-tourmaline selvage. Acicular patch of metallic dk blue irridescent mineral.
03DH-167	qtz vein w vuggy horizons in qtz-biot schist
03DH-168	leuco-amphibolite? Fspar (qtz) layers w lt green needles (act? tourm?)
03DH-169	concordant pinch and swell qtz fspar vein in qtz-biot schist
03DH-170	White and orange qtz vein w tr tourmaline, cutting qtz-biot schist
03DH-171	yellow-green alt silicified aug schist? w pod of grey siliceous material, 2-3% diss py cubes + casts. Clear muscovite

Sample		location	date	UTM E	UTM N	type	th. sect.	Ag	Au**
	foln	foliation		qtz	quartz				

Sample	Sample description

Line N	Station E	UTM E	UTM N	date			
4975	9775	377705	6809679	21-Aug	JD		
4975	9800	377730	6809682	21-Aug	JD		
4975	9825	377752	6809682	21-Aug	JD		
4975	9850	377776	6809682	21-Aug	JD		
4975	9875	377801	6809684	21-Aug	JD		
4975	9900	377827	6809683	21-Aug	JD		
4975	9925	377854	6809683	21-Aug	JD		
4975	9950	377871	6809679	21-Aug	DH		
4975	9975	377900	6809683	21-Aug	DH		
4975	10000	377930	6809681	21-Aug	DH		
4975	10025	377951	6809686	21-Aug	DH		
4975	10050	377978	6809687	21-Aug	DH		
4975	10075	378001	6809689	21-Aug	DH		
4975	10100	378024	6809687	21-Aug	DH		
4975	10125	378047	6809680	21-Aug	DH		
4975	10150	378069	6809685	21-Aug	DH		
4975	10175	378098	6809682	21-Aug	DH		
4975	10200	378121	6809689	21-Aug	DH		
5000	9800	377732	6809710	19-Aug	DH		
5000	9812	377744	6809707	19-Aug	DH		
5000	9825	377755	6809709	19-Aug	DH		
5000	9837	377770	6809716	19-Aug	DH		
5000	9850	377775	6809712	19-Aug	DH		
5025	9700	377628	6809733	21-Aug	DH		
5025	9725	377653	6809733	21-Aug	DH		
5025	9750	377677	6809733	21-Aug	DH		
5025	9775	377701	6809734	21-Aug	DH		
5025	9800	377724	6809739	19-Aug	DH		
5025	9825	377755	6809736	19-Aug	DH		
5025	9850	377772	6809728	19-Aug	DH		
5025	9875	377798	6809744	19-Aug	DH		
5025	9900	377825	6890740	19-Aug	DH	calculated coord	
5025	9925	377853	6809735	21-Aug	DH		
5025	9950	377879	6809736	21-Aug	DH		
5025	9975	377905	680973	21-Aug	DH		
5025	10000	377926	6809734	21-Aug	DH		
5025	10025	377947	6809736	21-Aug	DH		
5025	10050	377975	6809738	21-Aug	DH		
5025	10075	378004	6809733	21-Aug	DH		
5025	10100	378029	6809732	21-Aug	DH		
5025	10125	378056	6809733	21-Aug	DH		
5025	10150	378078	6809728	21-Aug	DH		
5025	10175	378108	6809734	21-Aug	DH		
5025	10200	378132	6809732	21-Aug	DH		
5425	9700	377624	6810137	26-Aug	JD		
5425	9725	377645	6810135	26-Aug	JD		
5425	9750	377672	6810135	26-Aug	JD		
5425	9775	377694	6810134	26-Aug	JD		
5425	9800	377720	6810132	26-Aug	JD		

Line N	Station E	UTM E	UTM N	date	
5425	9825	377743	6810137	26-Aug	JD
5425	9850	377768	6810135	26-Aug	JD
5425	9875	377795	6810137	26-Aug	JD
5425	9900	377826	6810140	26-Aug	JD
5425	9925	377846	6810136	26-Aug	JD
5425	9950	377862	6810137	26-Aug	JD
5425	9975	377895	6810136	26-Aug	JD
5425	10000	377921	6810134	26-Aug	JD
5500	10025	377942	6810207	18-Aug	JD
5500	10050	377972	6810207	18-Aug	JD
5500	10075	377995	6810202	18-Aug	JD
5500	10100	378018	6810209	18-Aug	JD
5500	10125	378051	6810197	18-Aug	JD
5500	10150	378070	6810196	18-Aug	JD
5500	10175	378095	6810198	18-Aug	JD
5500	10200	378120	6810195	18-Aug	JD
5500	10225	378148	6810197	18-Aug	JD
5500	10250	378192	6810185	18-Aug	JD
5500	10275	378220	6810187	18-Aug	JD
5500	10300	378248	6810191	18-Aug	JD
5600	9875	No GPS coordonates			JD
5600	9887	No GPS coordonates			JD
5600	9900	No GPS coordonates			JD
5600	9913	No GPS coordonates			JD
5600	9925	No GPS coordonates			JD
5600	9938	No GPS coordonates			JD
5600	9950	No GPS coordonates			JD
5600	9963	No GPS coordonates			JD
5600	9975	No GPS coordonates			JD
5600	9987	No GPS coordonates			JD
5600	10000	No GPS coordonates			JD
5600	10025	377940	6810305	17-Aug	JD
5600	10050	377968	6810305	17-Aug	JD
5600	10075	377987	6810305	17-Aug	JD
5600	10100	378017	6810306	17-Aug	JD
5600	10125	378044	6810304	17-Aug	JD
5600	10150	378067	6810304	17-Aug	JD
5600	10175	378093	6810302	17-Aug	JD
5600	10200	378121	6810299	17-Aug	JD
5600	10225	378151	6810290	17-Aug	JD
5600	10250	378192	6810303	17-Aug	JD
5600	10275	378216	6810288	17-Aug	JD
5600	10300	378239	6810275	17-Aug	JD
5600	10325	378269	6810266	17-Aug	JD

Line N	Station E	UTM E	UTM N	date	
Detailed soils around trenches:					
200001	T1	377665	6809711	21-Aug	DH
200002	T1	377667	6809702	21-Aug	DH
200003	T1	377664	6809693	21-Aug	DH
200004	T1	377678	6809717	21-Aug	DH
200005	T1	377669	6809716	21-Aug	DH
200006	T1	377658	6809707	21-Aug	DH
200007	T1	377665	6809721	21-Aug	DH
200008	T5-T2	377618	6809795	22-Aug	DH
200009	T5-T2	377626	6809798	22-Aug	DH
200010	T5-T2	377626	6809787	22-Aug	DH
200011	T5-T2	377620	6809804	22-Aug	DH
200012	T5-T2	377634	6809805	22-Aug	DH
200013	T5-T2	377653	6809795	22-Aug	DH
200014	T5-T2	377649	6809796	22-Aug	DH
200015	T5-T2	377649	6809796	22-Aug	DH
200016	T5-T2	377666	6809790	22-Aug	DH
200017	T5-T2	377654	6809781	22-Aug	DH
200018	T5-T2	377655	6809800		
recce line:				elev ft	elev m
S1001	ravine	377708	6810820	4170	1271
S1002	ravine	377120	6810796	4200	1280
S1003	ravine	377731	6810770	4210	1284
S1004	ravine	377745	6810754	4230	1290
S1005	ravine	377755	6810725	4240	1293
S1006	ravine	377758	6810699	4250	1296
S1007	ravine	377761	6810609	4280	1305
S1008	ravine	377769	6810647	4300	1311
S1009	ravine	377787	6810630	4310	1314
S1010	ravine	377790	6810600	4370	1332
S1011	ravine	377779	6810579	4390	1338
S1012	ravine	377788	6810542	4405	1343
S1013	ravine	377792	6810513	4430	1351
S1014	ravine	377801	6810501	4450	1357
S1015	ravine	377811	6810473	4500	1372
S1016	ravine	377813	6810457	4540	1384
S1017	ravine	377819	6810428	4570	1393
S1018	ravine	377826	6810406	4610	1405
S1019	ravine	377831	6810382	4650	1418
S1020	ravine	377852	6810353	4750	1448

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3
PHONE (604) 888-1323 • FAX (604) 888-3642
email: vanpetro@vancouver.net

Report for: Solomon Resources,
900 - 475 Howe Street,
VANCOUVER, B.C.
V6C 2B3

Report 030566

October 24, 2003

Introduction:

A suite of 9 rock samples from the Maui Claims was submitted by Daniele Heon, with a request for sectioning and petrographic examination.

The samples are numbered as follows:

DH-143a, DH-148, DH-150
200035, 200037, 200060, 200093, 200099, 200104

As requested, samples DH 148, 200093 and 200099 were prepared as standard thin sections, and the remainder as polished thin section.

Summary:

Samples DH-143a, 148 and 150 clearly represent the same lithotype - a mafic-free leucogranite composed essentially of coarse perthitic K-feldspar, sodic plagioclase and quartz. Sample 150 exemplifies this lithotype in unmodified form - with essentially no feldspar alteration and a fabric showing only incipient foliation. It contains traces of tourmaline and muscovite.

In samples DH-143a and 148, by comparison, this lithotype shows extensive platy microgranulation and brecciation, possibly with some introduction or redistibution of quartz. In addition, these cataclastically deformed variants contain intergranular networks and hairline veinlets of sericite.

The six samples in the 2000 number series constitute another group of like mineralogy. These rocks are composed of cataclastically deformed (granulated/recrystallized) quartz, with varied proportions of intergrown tourmaline and arsenopyrite.

Samples 200035 and 200037 contain only traces of tourmaline, as sparse wisps and anastomosing hairline veinlets of minutely fine-grained form; samples 200060 and 200104 have more abundant

tourmaline (in the 4-8% range) including some acicular crystal development; whilst the remaining two samples have major contents of tourmaline (estimated 43% and 25% respectively) in the form of compact microgranular aggregates. In 200093 these occur as close-spaced laminae alternating with quartz; and in 200099 as pockets and networks cementing fragmented quartz and replacing feldspathic clasts in a breccia. The composition of the exotic clasts suggests possible affinitites with the leucogranite lithotype represented by samples 143a, 148 and 150.

As regards sulfides, samples 200035, 200060 and 200093 have low to moderate contents of arsenopyrite (estimated 5-13%) as disseminated grains, small strings and clusters. Samples 200037 and 200104 have much higher sulfide contents (40-75%), as compact, massive aggregates. In 200037 the sulfides are arsenopyrite, plus a little Fe-rich sphalerite and a possible Pb-As sulfosalt as minor accessories. In 200104 the sulfides consist of an intergrowth of arsenopyrite and pyrite in approximately equal proportions, and there are also traces of chalcopyrite.

Sample 200099, the tourmalinized breccia, contains no sulfides.

Individual sample descriptions are attached.

J.F. Harris Ph.D.

SAMPLE DH 143a CRUSHED, SILICIFIED(?) LEUCOGRANITE

Estimated mode

K-feldspar	45
Plagioclase	24
Quartz	26
Muscovite)	4
Sericite)	
Pyrite	1
Limonite	trace

This is a leucocratic rock of intrusive igneous aspect.

Macroscopic examination of the off-cut representing the sectioned area shows extensive development of positive yellow cobaltinitrite stain, indicative of a major content of K-feldspar. Much of the rock appears to be shattered by close-spaced, parallel fracturing or zones of microbrecciation.

The sectioned area is also traversed by a prominent small fracture, normal to the trend of the parallel shattering; this is delineated by a string of pyrite grains.

In thin section the K-feldspar is found to be a perthitic variety, occurring as grains ranging up to 1 cm in size. It is intergrown with plagioclase, quartz and occasional muscovite as smaller grains in the 0.1 - 1.0 mm size range. The rock is devoid of mafic silicates.

The feldspars show negligible pervasive alteration, though they are locally traversed by a network of hairline micro-veinlets of sericite.

The overall texture of this rock is heterogenous, with vari-sized areas of what appears to be the original granitic fabric separated by networks of minutely granulated material of grain size 10 - 100 microns. Quartz appears to be the dominant constituent of the latter, and flecks of fine-grained sericite are a dispersed accessory. The quartz may, in part, be of secondary character.

Pyrite occurs as sparsely scattered, individual, disseminated subhedra, as well as in the cross-cutting fracture. It shows crenulate margins and solution channels and, in part, is oxidized to limonite.

SAMPLE DH 148 BRECCIATED, SILICIFIED(?) LEUCOGRANITE

Estimated mode

Quartz	46
K-feldspar	36
Plagioclase	11
Muscovite	1
Sericite	5
Carbonate	trace
Apatite	trace
Limonite	1

The off-cut corresponding to this thin section clearly displays a platy deformational structure of sub-parallel fracturing and brecciation, with apparent associated permeation of quartz around vari-sized remnants of K-spar.

This rock closely resembles DH 143a in mineralogy and structural/ textural features.

Thin section examination confirms this similarity. Grain size shows a wide range, from several mm down to 0.05 mm or less. The rock is composed essentially of quartz, perthitic K-feldspar and lesser plagioclase. Rare flecks of muscovite appear to represent a primary accessory. Mafics are absent.

Pervasive alteration of the feldspars is virtually absent, but the texturally heterogenous mineral aggregate is traversed by more or less abundant intergranular networks and cross-cutting hairline veinlets of fine-grained sericite.

The thin section contains a single small clump of opaques (probable pyrite, now partly oxidized). Traces of limonite are also present throughout the rock in dispersed form, as flecks and micro-veinlets.

SAMPLE DH 150 **LEUCOGRANITE**

Estimated mode

K-feldspar	48
Plagioclase	26
Quartz	23
Muscovite	1
Sericite	trace
Tourmaline	1
Apatite	trace
Limonite	1

Examination of the off-cut indicates that this sample is of similar lithology to DH 143a and 148, but lacks the prominent cataclastic fabric characterising those samples. It is composed essentially of three components: K-feldspar (yellow-stained), plagioclase (white etched) and quartz (unetched, brownish).

An incipient foliation is apparent in the sub-parallel distribution of lenticular segregations of quartz, and the orientation of traces of micas and a black prismatic mineral.

Thin section examination shows that the K-feldspar is perthitic, and forms coarse grains, mostly ranging in size from 2 - 8 mm. The plagioclase and quartz are typically finer-grained (in the 0.1 - 1.0mm range), though the quartz commonly aggregates as pockety/ elongate segregations. The plagioclase appears to be of albite-oligoclase composition.

The K-feldspar appears totally fresh, and the plagioclase shows only mild argillic turbidity. This rock lacks the flecks and threads of sericite seen in 143a and 148.

Accessories include sparse, ragged flakes of muscovite, and clusters of tourmaline (the black prismatic constituent seen in the off-cut). The rock also contains dispersed flecks of limonite.

SAMPLE 200035 QUARTZ WITH ARSENOPYRITE

Estimated mode

Arsenopyrite	13
Tourmaline?	trace
Scheelite?	trace
Quartz	87

Theis sample is of simple mineralogy, consisting essentially of irregular strings and disseminated specks of arsenopyrite in a matrix of quartz.

The latter exhibits strong strain polarization and extensive networks and diffuse patches of microgranulation, in the form of aggregates of grain size 10 - 100 microns - apparently superimposed on an original coarser granular fabric, on a scale of 0.5 - 3.0 mm.

The arsenopyrite occurs as individual anhedral grains up to 500 microns in size, and coarser, irregular/elongate bodies of compact material formed by the coalescence of tiny grains 20 - 50 microns in size.

The distribution of the arsenopyrite shows no recognizably consistent relation to the pattern of recrystallization in the host quartz.

There are only two other constituents, both present only in trace amounts. One is a light brown, minutely felted, light olive brown mineral which occurs as few anastomosing hairline stringers, 10 - 200 microns in thickness - sometimes coinciding with the arsenopyrite concentrations, and sometimes independent of them. This material is not positively identifiable, but by comparison with the other slides of the suite, but is thought most likely to be tourmaline.

The other trace constituent is a colourless, strongly birefringent mineral of high R.I. resembling scheelite; this is seen as a single, small granular clump 0.5 mm in size in arsenopyrite, and as a localized filling to a hairline fracture cutting arsenopyrite.

SAMPLE 200037 **ARSENOPYRITE IN QUARTZ**

Estimated mode

Arsenopyrite	36
Pyrite	trace
Sphalerite	2
Mineral X	1.5
Quartz	60
Sericite	trace
Tourmaline	trace

This sample is of similar general character to the previous one, but includes higher proportions of arsenopyrite, as granular segregations up to 1 cm or more in size.

The quartz host shows identical features of strain polarization and extensive microgranulation/recrystallization to those described in 200035. It contains traces of sericite and tourmaline as localized wisps and hairline stringers; these show no consistent association with the sulfides.

The arsenopyrite typically shows anhedral and microgranular aggregate form, and occurs as sharply defined, compact masses, locally traversed by networks of microfractures.

Minor amounts of accessory sulfides are associated with the arsenopyrite in this sample. These include a few irregular pockets of dark red-brown (marmatitic) sphalerite, typically peripherally moulded on to the arsenopyrite masses; a strongly anisotropic, platy-textured mineral similar in colour to galena ("mineral X") which occurs as small inclusions and fracture fillings in arsenopyrite or, in one case sphalerite; and rare pyrite, as individual small grains within arsenopyrite.

The optical properties and morphology of Mineral X suggest that it may be a PbAs sulfosalt, such as jordanite. Confirmation (or otherwise) could, if desired, be obtained by SEM/EDX microanalysis.

SAMPLE 200060 DISSEMINATED ARSENOPYRITE IN QUARTZ WITH TOURMALINE

Estimated mode

Arsenopyrite	9
Sphalerite	0.5
Pyrite	trace
Quartz	80
Sericite	2
Tourmaline	8.5

This sample is another variant of the quartz/arsenopyrite assemblage exemplified by the previous two samples. In this case the arsenopyrite occurs in relatively fine-grained, more disseminated form.

The quartz matrix shows an identical strained, granulated/ recrystallized network fabric to the previous samples, but differs in incorporating higher proportions of accessory tourmaline and sericite.

The tourmaline occurs within the quartz matrix as sub-parallel zones of anastomosing laminae and isolated lenticular pods thereof. Mostly it is of a light brown, minutely fine-grained, felted aggregate form, within which there is occasional development of individual prismatic crystals 0.1 - 1.0 mm in size. Fine-grained sericite, in similar wispy lenticular form, is sometimes associated with the tourmaline.

The relationship of the tourmaline and sericite to the pattern of microgranulation in the quartz is inconsistent. Whilst the accessory minerals typically occur in microgranulated zones, there are many areas of microgranulation which are devoid of tourmaline/sericite.

The arsenopyrite shows a wide range of grain size, from 10 microns up to 1 mm or so. The finer-grained disseminations are often associated with tourmaline/sericite wisps, but there are also isolated coarser grains and aggregates which appear unrelated to either tourmaline wisps or microgranulated zones in the quartz.

Accessory sulfides include traces of marmatitic sphalerite as a few random segregations, 0.2 - 2.0 mm in size, and as tiny disseminated specks (without associated arsenopyrite) in some tourmaline-rich zones. There are also rare traces of pyrite (sporadically associated with arsenopyrite).

SAMPLE 200093 **LAMINATED QUARTZ/TOURMALINE**

Estimated mode

Arsenopyrite	5
Quartz	50
Tourmaline	43
Rutile	2
Sericite	trace

The off-cut of this sample appears dominantly black in colour, with rather diffuse, thin, lighter-coloured laminae

In thin section it is seen to consist of thin, streaky alternations of olive-brown and colourless material, on a scale of 0.1 - 2.0 mm. Minor sulfides occur as disseminations and discontinuous sub-concordant strings.

Microscopic observation shows that the rock is of similar composition to the previous samples of the suite, but with tourmaline in a much higher proportion. In addition, the tourmaline in this sample shows superior crystallinity and coarser grain size, being in the form of aggregates of slender acicular crystals up to 0.5 mm or more in length. Fine-grained rutile, as well as a little interstitial quartz, are minor accessories in the tourmaline laminae.

The colourless interbands are made up of essentially monomineralic aggregates of anhedral, often flattened/elongate grains of quartz, 0.1 - 1.0 mm in size. These show strong strain polarization and crenulate grain boundaries.

The sulfides in this sample consist of monomineralic arsenopyrite, as vari-sized anhedral-subhedral grains and short elongate clumps thereof. These occur largely in the quartz laminae.

SAMPLE 200099

TOURMALINIZED QUARTZ BRECCIA WITH FELDSPATHIC FRAGMENTS

Estimated mode

Quartz	63
Feldspars	6
Sericite	4
Tourmaline	25
Limonite	2

Like the previous one, the off-cut of this sample includes an extensive, dark component, indicating a high content of tourmaline. In this case, however, the texture is quite different, and appears to be a form of breccia - with tourmaline forming a matrix or cement to vari-sized, angular/elongate fragments of quartz. In addition, the sectioned area includes two prominent areas (fragments?) of obviously different character. Parts of these show the white etch and yellow stain characteristic of feldspars, though they are more or less intensely impregnated by fine-grained tourmaline.

Thin section examination adds little to the macroscopically observable features. The tourmaline forms compact aggregates of elongate prismatic grains, ranging from 0.05 - 0.7 mm in length, which occur as intergranular networks in the quartz, and as pockety segregations which sometimes form the matrix to vari-sized quartz grains and polygranular fragments. Tourmaline needles locally penetrate the margins of the quartz fragments.

This sample contains no surviving sulfides. The tourmaline masses commonly contain intergrown specks and threads of a brown opaque material which is probably limonite.

Of the feldspathic fragments, the largest (about 1.5 cm) is largely replaced by compact tourmaline. The latter forms a core zone mantled by a rim of feldspars (plagioclase and K-feldspar) with fine-grained intergrown quartz. This rim presumably represents a remnant of the original fragment lithology.

Part of another feldspathic fragment can be seen at one end of the sectioned area. This consists of rather strongly sericitized feldspars, partially impregnated by tourmaline.

SAMPLE 200104 ARSENOPYRITE/PYRITE IN QUARTZ

Estimated mode

Arsenopyrite	41
Pyrite	34
Chalcopyrite	trace
Quartz	16
Carbonate	4
Tourmaline	4
Sericite	0.5
Limonite	0.5

This sample has a much higher concentration of sulfides than the previous ones. In addition, the sulfide assemblage differs in that pyrite is of approximately equal abundance to arsenopyrite.

Both minerals occur as grains 0.05 - 1.0 mm in size, typically coalescent to compact aggregates. The two minerals are well segregated, the pyrite forming vari-sized clumps and irregular networks within the dominant arsenopyrite.

Traces of chalcopyrite are the only other sulfide. It occurs as a cluster of tiny disseminated specks in a local concentration of carbonate and tourmaline in the quartz.

Quartz, in this sample, concentrates as a central band flanked by massive sulfides. It also forms vari-sized inclusions within the latter.

Fine-grained, pale brown, felted tourmaline forms more or less abundant wisps within the quartz, sometimes incorporating specks and diffuse stains of limonite.

Limonite is also seen as discrete hairline threads cutting quartz, and as a coating, 0.5 mm in thickness, on a fracture surface which defines part of one end of the sectioned portion. This is probably an effect of surface weathering.

A little sericite is sometimes associated with the tourmaline wisps.

Carbonate is a minor constituent not seen in prevous samples. It occurs rather extensively as thin, intergranular networks cementing the less massive areas of the sulfide aggregates. It is also seen as a pockety associate of some of the tourmaline and sericite concentrations in the quartz. The carbonate is non-reactive with dilute HCl, and is probably of dolomitic or ankeritic composition.

6 812 000 mN

6 811 000 mN

6 810 000 mN

6 809 000 mN

9200E

10000E

10200E

6300N

5300N

5000N

377 000 mE

378 000 mE

379 000 mE

0 250m

094170

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MAUI PROPERTY

YUKON

BASE MAP

Scale: 1:5000	NTS: 105G/6	Map:
Date: Sept 2003		

9200E

10000E

10200E

6 811 000 mN

6300N

6 810 000 mN

5300N

5000N

378 000 mE

Orthogneiss

gabbro

chloritized
hbpx - megacrystic
Granite / quartz monzonite
cut by f.g. equigranular
(porphyry) phase

Quartz - tourmaline Hill zone
tourmaline ± asp ± qtz veining

qtz - biot (gnt) schist

Pelitic
qtz - musc - gnt(-staur) schist

amphibolite

quartzite +
phyllitic psammite

calcareous schist +
marble

phyllitic psammite

pelitic schist + calcareous phyllite

X outcrop
Δ float

⊙ sample (assay)
⊡ quartz. asp (assay)
◇ qtz. tourmaline (assay)
△ qtz. pyrite(py) (assay)

// vein

f.s.: sraist: feldspathic schist
ps: psammite (psammitic)
qtzite: quartzite
pel. schist: pelitic schist (qtz-musc-gnt(-staur)) schist

compositional layering

4 MAUI CLAIM

094470

0 125m

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BASE MAP

Scale: 1:2500	NTS: 105G/6	Map:
Date: Sept 2003		

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Y1A 5P7
September 11, 2004

Mining Recorder
Watson Lake Mining District
P.O. Box 269
Watson Lake, Yukon
Y0A 1C0

Re: MAUI 1-16 Claims

Dear Ms McLeod,

On September 9, 2004 I received your correspondence dated August 27 regarding the amended filing of MAUI 1-16 claims.

With respect to the missing information in the Assessment Report:

1. A Certificate of Qualifications for Ms. Daniele Heon was faxed during the evening of September 10th for her signature at the Turnigan River exploration camp. The signed Certificate was mailed Canada Post to your office by Pacific Western Helicopters in Dease Lake, B.C. on September 11th.

2. I concur in your concern, as highlighted by you on page 6, about lack of adequate information on assaying procedures. Enclosed please find a re-written page 6 which I believe clarifies the assay methods used by ACME Labs.

If further imformation is required, I can be reached via Fax: 867-668-4149 and by e-mail at my address: jsdodge@klondiker.com.

Very truly yours,

James S. Dodge

James S. Dodge, P.Eng.

Encl

STATEMENT OF QUALIFICATIONS

I, Daniele Heon, do hereby certify that:

1. I am a consulting geologist residing at 12 Marigold Place, Whitehorse, Yukon Territory, Y1A 6A2.

2. I graduated from McGill University with a Bachelor of Sciences degree in Geology in 1983.

3. I have worked as a geologist for over 20 years.

4. I have participated in the fieldwork described in the report" Geological Report 2003 on the Maui claims of which I am the senior author.

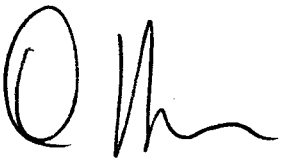
5. I have never held an interest in the Maui property

6. I have been employed with, contracted by the following mineral exploration companies and government agencies:

   Vior-Mazarin, Noranda Exploration, Placer Dome Exploration, Yukon Geoscience Office/ Yukon Geological Survey, Indian and Northern Affairs Canada, Northstar Exploration, Aurchem, Copper Ridge Explorations, as well as several small junior exploration companies.

7. I am a member of the Geological Association of Canada, and of the Yukon Chamber of Mines.

Dated at Dease Lake, British Columbia, this 11th day of September, 2004



Daniele Heon, B.Sc

Prospecting

Several types of mineralization are present on the property and were sampled during this phase of work. These include: quartz-arsenopyrite, quartz-pyrite, quartz-tourmaline veins and breccias, tourmaline-arsenopyrite, silicified and pyritized orthogneiss and feldspar-augen schist. Schist and vein material were examined for emeralds. Where Brett Resources rock sample sites were found, their location was recorded by GPS.

Assaying

Samples were sent to ACME Analytical Labs in Vancouver, B.C. and were initially assayed by Group 1E using a 1.00gm split digested with HCLO4-HNO3-HCL-HF to 40ml with analysis by ICP-ES (refer to rock and soil sample Geochemical Analysis Certificates in Appendix 1 this report). Re-assay of gold(on all samples marked Auin spread sheets) using Group 3B lead-collection fire assay fusion for 50gm sample decomposition, aqua-regia digestion of the Ag dore bead and ICP-ES analysis. Samples grading higher than 200 ppm silver were re-analyzed for total Ag. It is not clear if this method of analysis is accurate for arsenic, since assays indicate many values over 1% As.**

Geology- Regional Scale

The Maui claims overlie metamorphic rocks of the Yukon-Tanana terrane. Mapping by Murphy et al. (Fig.3, Open File 2001-33) show the claim block is underlain by a package of metasedimentary rocks (unit Dq, includes calcareous horizons) of pre-Late Devonian age (pre 365 Ma) intruded by unit MGag, an early Mississippian foliated augen orthogneiss (360 Ma or younger) (Murphy, pers. com). The area has been glaciated.

Geology- Property Scale

Lithology

The property is mainly underlain by a package of metasedimentary rocks that outcrop on the ridge top. Corresponding to regional unit Dq, this package is subdivided into three local subunits:

1- Quartzite, psammite, phyllitic psammite
2- Schist, mostly pelitic, consisting of quartz- muscovite +/- biotite +/- garnet; local quartz-biotite porphyroblasts. Local chloritic schist is interlayered with the more pelitic schist.
3- Tan to rusty weathering calcareous schist to marble, with gradational contacts with the other sub-units.

Compositional layering between the different lithologies is visible in the more siliceous horizons and at the contacts between calcareous and siliceous beds.

Regionally significant units, not mapped at a regional scale, were located on the property. The orthogneiss (regional unit Mgag, Mg), mapped by Murphy et al on the south side of the ridge, also occurs on the north flank. Elevation of the contacts implies a slight southerly dip. A discordant intrusive contact is assumed with the metasedimentary rocks

