REPORT ON THE 2000 EXPLORATION PROGRAM

PROSPECTING AND GEOCHEMICAL

on the

SPIDER PROPERTY
KAMLOOPS MINING DIVISION
BRITISH COLUMBIA
92P/9W

51°32' 21" N
120° 21' 45" W

FOR

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1058 MONCTON AVE,
KAMLOOPS, B.C. V2B 1S4

APRIL 15, 2001

TABLE OF CONTENTS

SUMMARY

The Spider Property is located 16 kilometers northwest of Little Fort, north of Kamloops, BC. There is excellent access to the property by main logging roads from Highway 24, and accessed on a recent logging road off the cross over road. The property was staked by myself Paul Watt in 1997 and and holds 100% of the property. The claims were staked from a discovery of a heavy sulfide skarn float boulders that carried appreciable amounts of gold and copper over fifty meters of road ditch just south of the property 300 meters. In the central part of the property just south of Spider Lake lies a magnetic low and cross cutting faults northwest-northeast directions. To the northern part of the Spider claims is an exposure of quartz iron carbonate stockwork system and cherty sediments that are of some interest for massive sulfide environment.

To the north and west of the Spider claims is a highly mineralized area that has massive sulfide zones striking on to the Spider property. Several of these zones were recognized from a previous prospecting-mapping and a low angle syncline within the claim group.

The results of this prospecting recommended further prospecting and sampling of rocks and soils and was awarded a portion of a prospectors grant for the Spider claim group.

In the spring and summer of 2000 soil sampling and rocks were collected mainly along the new logging road that was completed late fall 1999. These soils were taken at a depth of 1-3 meters for optimal horizon close to source bedrock with some rock samples collected also. Prospecting traverses were made through out the claim group and found that the property is extensively overlain by 1-6 meters of till and outcrop is sparse. Results from the soil/till geochem survey indicated numerous gold, copper, and zinc anomalies with elevated barium within the till overling altered tuffs and cherty sequences. Rock samples from the property were strongly anomalous in gold,copper, silver, within massive pyrite to massive magnetite lenses. To the northeast on a road cut 300 meters from the property boundary lies numerous float samples of strongly oxidized massive calcopyrite.

The results from regional till geochemical survey by the BC Survey Branch were released in open file 2000-17 in January 2000. Two samples were taken from the property near Spider Lake and were anomalous in copper, and silver. Numerous other samples around the area have good anomalous gold, silver, copper, zinc and molybdenum values indicating high mineral potential. Many of the coincident polymetallic till anomalies from prospecting and BC Survey Branch on the property show an excellent spatial correlation with known local mineralization.

Much of the property area have had little to no recorded previous mineral exploration due to limited access and bedrock exposure.

1.0 INTRODUCTION

This report presents the results from the 2000 exploration program on the Spider property, in the Kamloops Mining Division of British Columbia, and was funded in part by the British Columbia Prospectors Assistance program. This prospecting program was one of three areas funded under the BC prospectors grant, and was conducted from June to October 2000. The prospecting was conducted by the author Paul Watt of Kamloops BC.

Year 2000 prospecting on the property was focussed on three types of mineralization with massive sulfide Cu, Au, Ag, Zn being number 1, and skarn Cu, Au, Ag, number 2 and vein/porphyry Au, Cu, Ag, Zn, Mo number 3. Structural faulting on the property and area is complex with folding and well mineralized zones with good results historically in the area prioritized a soil and rock sampling program for a good geochemical signature for the onset of future exploration programs to follow. This is a geochemical prospecting report with exploration expenditures of $4696.00 and recorded $3000.00 for assessment work credit to the Spider property in 2000. This is only a portion to be applied for assessment work credit (see Appendix 1).

1.1 LOCATION AND ACCESS

The Spider Property is located 16 kilometres northwest of Little Fort, BC. UTM 5713000 N, 682800 E as shown in figure 1. The property lies within NTS topographic 92P/059 and is located east of Deer Lake (Figure 2).

Access to the property is from Provincial Highway No. 24 which links Little Fort with 100 Mile House. Two main logging roads branch north from Hwy 24, one to Deer Lake and the cross over road that connects to Nehalliston Creek. Access to the central part of the claim group was off the cross over road which is now deactivated.

1.2 TOPOGRAPHY, VEGETATION AND CLIMATE

The property lies within an undulating plateau region with numerous lakes. Elevations are in the 1300 to 1375m range with the higher ground forming a southeast trending ridge east of the Spider Lake. Small creek drains southwest to Biscuit Lakes and then to Portage Lake then Nehalliston Creek, and to the southeast from Spider Lake to Dora Lake (Figure 2).

Fairly thick stands of mature spruce, fir, pine and balsam occur on the property. These have been subject to logging by Tolko Industries Ltd. over the last few years and four of which are very recent. The property area has typical upland climate for the central interior with dry summers and cool winters. Snow cover is basically from late October through to April, with accumulations up to 1.5 meters.

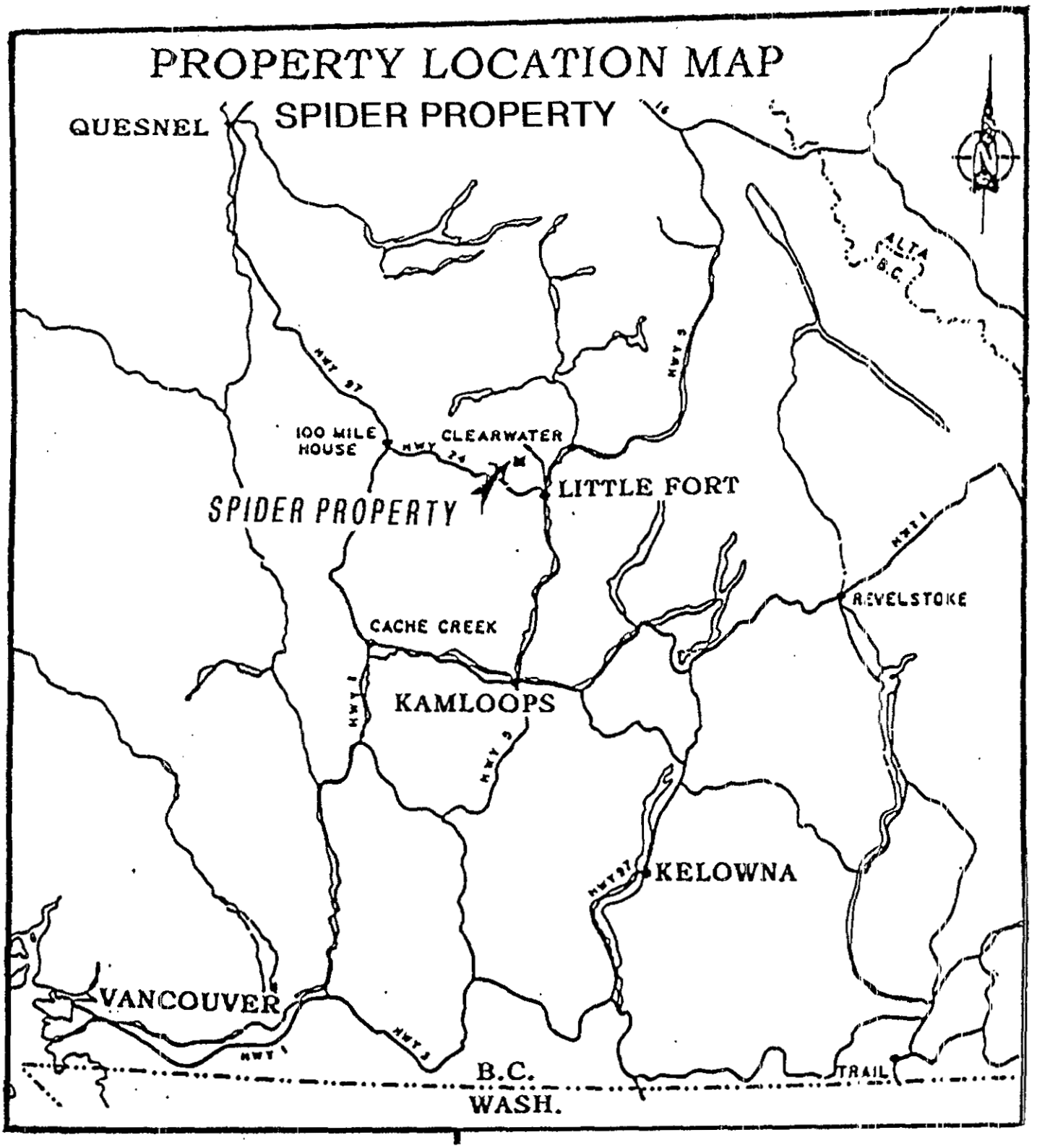


FIGURE 1 : PROPERTY LOCATION MAP

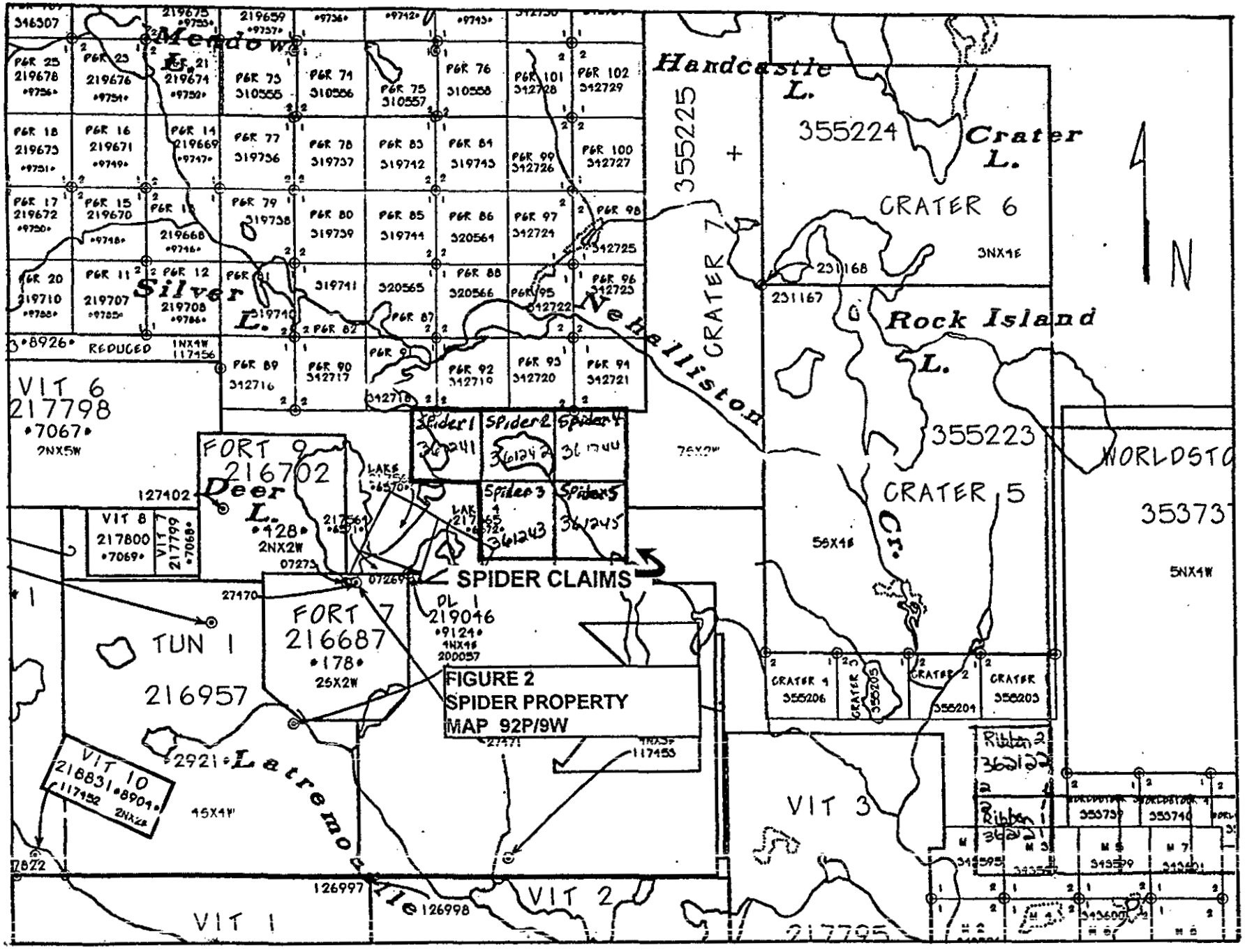


FIGURE 2 : SPIDER PROPERTY – CLAIM MAP

1.3 PROPERTY

The Spider property consists of 5 units in contiguous two-post group from west to east. The claim group cover approximately 125 hectares and are held by myself Paul Watt of Kamloops 100%.

1.4 SPIDER CLAIM INFORMATION

CLAIM NAME	TENURE NO	UNITS	RECORDED DATE	CURRENT EXPIRY DATE
SPIDER 1	361241	1	2001-01-15	2004-01-15
SPIDER 2	361242	1	2001-01-15	2004-01-15
SPIDER3	361243	1	2001-01-15	2004-01-15
SPIDER4	361244	1	2001-01-15	2004-01-15
SPIDER5	361245	1	2001-01-15	2004-01-15

1.5 EXPLORATION HISTORY

The geology for the property area is highly favourable for a wide variety of deposit types. This is reflected in its exploration history and target types. A short summary of previous exploration highlights in the area are as follows (page 6).

1.6 CONCLUSION AND RECOMMENDATIONS

The 2000 prospecting on Spider property focussed on new discovery of a high sulfide skarn copper, gold zone south of the Spider claims in late 1997. And to the north west a semi-massive sulfide zone on the Discuvery claims in a old 1985 trench (SMDC) near a small lake. In 1998 prospecting recognized some zones of massive pyrite-magnetite, on the Spider property. This was though to strike on to the Spider property. And with a large 300x400 meter sharp magnetic low centered just south of Spider Lake. And also 2000 prospecting showed through rocks and soils a posible spatial correlation and coincident anomalis copper, gold, silver, zinc, and colbalt, barite within massive pyrite-magnetite boulders, and outcrop. On the Haida property to the south lies a showing known as the Lake View, and with examining trenches found that massive magnetite and related sulfides strike variably northeasterly and diced by a series of dioritic dykes. This shows a series of stacked mineralizing events along the northeasterly direction through Spider Lake and property, and to the northeast off the property were proximal massive chalcopyrite float was discovered.

Recommendations is to further exploration on the soil geochem anomalies and 10 kilometers of VLF, Total field magnetics, and IP survay. Focus on up-grading it to a drilling-trenching stage.

SUMMARY AND EXPLORATION HIGHLIGHTS OF THE SILVER LAKE AREA
(1981 - 1996)

Survey Type	Date	Company	Area	Highlights
Grid	1981-82	SMDC	PGR 1-95	
Mag/VLF	1981-82	SMDC	PGR 1-77	VLF strong NW,NS
Rock geochem	1981-82	SMDC	PGR 1-95	87 Rock, Au,Ag,As,Cu,Mo,Pb, Zn,Co,Sb,Ni
Soil	1981-82	SMDC	PGR 1-95	1608 Soils, Au, ICP,10-6060 ppb Au
PDH drilling	1983-	Lornex	PGR 1-4	15 PDH holes PDH 1, 31.5 metres of 280 ppb Au, 4.78g/tAg PDH 2, 56.0 metres 15-70 ppb Au PDH 6A, up to 150 ppb Au PDH 9, 27 metres 180 ppb Au, 2.4g/t Ag PDH 10, 6.0 metres 150 ppb Au
Geology	1984-85	B.P. Selco	PGR 1-105	Mapping 45% of PGR, Lithogeochem
Soil	1984-85	B.P. Selco	PGR 1-105 Silver 1	466 samples Au, ICP/ 88 of 25-50 ppb Au 72 of 50-100 ppb Au 43 of 100-300 ppb Au 11 of 300-6260 ppb Au Local high 300x700 metre anomaly of Au, Ag, As,Cu,Mo, Pb,Zn, 1of 3 anomalies
65.8 kilometres grid	1984-85	B.P. Selco	PGR 1-105	IP use only (PFE up to 40, metal factor to 60)
Trenching	1985-	B.P. Selco	PGR 102	Trench # 1, 210 ppb Au, 2.25 g/t Ag, 997ppm Cu over 24 metres
			PGR 87	Trench # 4, 1.69 g/t Au, 10.2 g/t Ag, 0.273%Pb, 449 ppm Zn
			PGR 97	Trench # 5, 1.8 g/t Au, 23.3 g/t Ag, 0.465% Cu, 102 ppm Mo over 2.0 metres Adjacent 2.0 metres ran 80-440 ppb Au, 171-2041 ppm Cu, Shear zone 40-50% sulfides
Soil	1987-	Lancer Resources	PGR 8-106	1070 Soil samples 46 of 50-100 ppb Au 20 of 100-300 ppb Au 10 of 300-1268 ppb Au 2.0-38.4 g/t Ag, 125-1201 ppm Cu 28-16'603 ppm Zn
DDH	1987-	Lancer Resources	PGR 8-106	8 Diamond drill holes covering anomalies
				88-2 (42-57 metres) averaged 222 ppb Au (35.4-41.2 metres) 3029 ppm Zn (43-44 metres) 1565 ppb Au
				88-3 (17-19 metres) 280 ppb Au
				88-4 (31.3-39.4) 779 ppb Au, 8.1 metres (31.3-39.4) 1775 ppm Cu, 8.1 metres (33.4-34.4) 1386 ppb Au 1.0 metres (38.4-39.4) 1895 ppb Au 1.0 metre (52.0-52.7) 1390 ppb Au 0.7 metre
				88-5 (38.0-45.0) 290 ppb Au 7.0 metres (54.7-56.55) 1730 ppb Au 1.85 metres
				88-6 (62.35-64.0) 290 ppb Au 1.65 metres 3621 ppm Cu, generally range 400-1500 ppm Cu over lenth of hole.
				88-8 (78.66-78.79) 2860 ppb Au 0.13 metre
Soil	1988-	Rat Resources	PGR-Crater	Three soil grids comprising of 454 samples HC GRID 1, 111 soils

				18 of 30-50 ppb Au, 4 of 50-100 ppb Au 9 of 100-5630 ppb Au
				GRID 2, 139 soils 32 of 30-50 ppb Au, 6 of 50-100 ppb Au 4 of 100-230 ppb Au
				GRID 3, 214 soils 9 of 30-50 ppb Au 4 of 50-100 ppb Au 2 of 100-225 ppb Au
DDH	1988-	Rat Resources	PGR 1-4	456.95 metres of NQ drilling of 4 holes to test soil geochem and IP/VLF, mag low. 88-4 (74.39-79.0) 620 ppb Au 4.61 metres 88-5 (84.86-85.80) 1070 ppb Au 0.94 metre 39.8 g/t Ag, 0.20% Zn, 0.16% Pb 88-6 (15.0-18.0) 510 ppb Au 3.0 metre 88-7 (11.1-14.2) 4293 ppb Au 3.10 metres
Trenching	1989-	Rat Resources	PGR 74	Three trenches excavated, Tr-A,Tr-B, Tr-C Trench A, 25 metres long (1.3 metre) 2050 ppb Au, 17.85 g/t Ag (1.04 metre) 1465 ppb Au, 28.35 g/t Ag (0.55 metre) 2700 ppb Au, 61.0 g/t Ag (1.57 metre) 834 ppb Au, 3.0 g/t Ag (1.20 metre) 1620 ppb Au, 48.6 g/t Ag (0.33 metre) 3440 ppb Au, 89.5 g/t Ag Trench B week Trench C week
Geo/Pros	1991-	R. Wells	PGR 1-106	Twelve samples petrographic descriptions
Prospecting	1992-	P. Watt	PGR 1-88	Prospecting with 15 Rock samples collected 5 out of 15 were 1.03-2.42 g/t Au, 73.2-283.7 g/t Ag, 1.26% Pb, 1.16% Cu
Geochemical	1993-	P. Watt	PGR 1-88	Prospecting with 35 rock samples collected 16 out of 35 were 1.03-28.14 g/t Au, and up to 178.0 g/t Ag, 1.42% Pb, .353% Cu, .4% Mo, 4.67% Zn.
Pros/Soil	1994-	P. Watt	PGR 1-106	Prospecting with 65 rock samples collected 22 out of 65 were 1.01-36.60 g/t Au, 18 out of 66 were 30.0 g/t Ag 3 samples 1054- 10'000 ppm Cu 4 samples 1015-4264 ppm Mo 5 samples 1134-10'000 ppm Pb 8 samples 300-1075 ppm Sb 6 samples 1562-7844 ppm Zn
Soils	1994-	P. Watt	PGR 79-83	Small grid and traverse line totaling 116 (38 out of 116) 30-50 ppb Au (19 out of 116) 50-100 ppb Au (9 out of 116) 100-500 ppb Au (23 out of 116) 50-220 ppm As (14 out of 116) 150- 531 ppm Cu
Trenching	1995-	Cambridge Minerals	PGR 1-106	Five trenches excavated over discovery zone north of Silver Lake area and road side, high soil geochem. Trench # 1, 40 metres
				1.2 m Au g/t, Ag g/t, Cu %. Mo %, Zn %, 0.6m 6.24 60.0 .152 .603 >5.0

Trenching	1995-	Cambridge Minerals	PGR 1-106	1.2 m Au g/t, Ag g/t, Cu %, Mo %, Zn %, 0.8 m 8.50 100.0 .022 .521 .203 0.8 m 4.66 77.0 .158 .762 3.88 0.5 m 62.80 183.0 .087 .036 .804 0.4 m 13.70 51.0 .098 .006 .184 0.4 m 4.87 105.0 .038 .627 .086
				Trench # 5, 9 metres 1.2 m Au g/t, Ag g/t, Cu %, Mo % Zn %, 2.0 m 0.34 3.0 .015 .003 .125 0.7 m 7.95 37.0 .063 .046 .772 2.9 m 0.07 1.0 .011 .005 .011 1.5 m 1.78 11.0 .024 .046 .063 Float 5.83 134.0 .090 .067 >5.0
DDH	1996-	Cambridge Minerals	PGR 1-106	PDH 11 holes (986.1m), DDH 7 holes (381.7m) PDH metres Au g/t, Ag g/t, Cu%, Pb%, Zn% 01 18.3 .309 , 04 6.1 .10 3.6 .011 .240 .156 06 15.3 .197 ,

1.7 REGIONAL GEOLOGY

The Nenalliston Plateau is underlain mainly by upper Triassic volcanics and sedimentary rocks of the Nicola Group, together with contemporaneous to slightly younger intrusions. These rocks constitute the early mesozoic magmatic arc that is the most definitive feature of the Quesnel Terrain. Paleozoic sedimentrary rocks of the underlying Harper Ranch Group are represented locally, as are Lower Jurassic sedimentary rocks that overlie the Nicola Group. Paleozoic basalt of the adjacent Slide Mountain Terrain, represented by the Fennell Formation, occurs along the eastern edge of the map area. Younger rocks exposed in the area edge include a small Cretaceous stock that intrudes the Nicola Group northeast of Tintlholhtan Lake, and Eocene sedimentary and volcanic rocks of the Kamloops Group. See (Figure 4)

1.7 PROPERTY GEOLOGY

The Spider property overlies a Triassic Volcanics of the Nicola Group, it is centered in contact with variations of intrusive rocks of medium to coarse grained diorites, and dioritic breccias and associated upper roof of dense albitized plagioclase monzonites, and quartz monzonites. Flanking this contact is a sequence of interbedded Triassic pyroxene porphyritic pyroclastic flows and epiclastic sediments. Within this sequence lies one or two rythmically bedded chert horizons that show a degree of folding to the north of the property. This shows that within the Spider property and area theirs a sincline and possible anticline. See (Figure 5)

1.8 DISCUSSION OF MINERALIZATION AND RESULTS OF GEOCHEMICAL PROGRAM

The Spider property is in a area of broadly spaced and variably distributed range of mineralization. Within the intrusive rocks are intensely altered and pyritized both as disseminated and as fracture fillings. Mineralization of copper, gold, silver, molybdenite, and zinc are all weakly anomalous as disseminations, where as quartz high sulfide veins and fracture fillings do show gold-copper values increase with the presence of quartz on late stage veining. Some discordant pyritized fractures and veins that are early in the mineralizing sistem are weakly mineralized.

Within the Volcanic sweet of tuffs, flows, and fine sediments sulfidation is stong and apears in some cases to be replaced from massive fine pyrite to magnetite. In most all the massive sulfide zones within the volcanic and sediment lithologies appears to be rounded balls of quartz and pyrite supported within pyrite-chalcopyrite, magnetite mass. The geochemistry shows a different correlation as its anomalous in copper, gold, silver, zinc, arsenic, cobalt, and barium. To the north and east 300 meters off the property two samples have massive sulfide chalcopyrite that are strongly weathered samples (104702, 104703) have high values in copper and silver, (see appendix 1 for sample descriptions and assay results).

Eocene

- *Andesite, dacite*
- *Conglomerate, sandstone*

Cretaceous

- *Granite, quartz-feldspar porphyry*

QUESNEL TERRANE

Lower Jurassic

- IJs — *Sandstone, siltstone*

Late Triassic - Early Jurassic

- *Granodiorite, diorite, monzodiorite*
- *Monzonite, syenite, quartz monzonite*
- *Diorite, gabbro, microdiorite, intrusion breccia*
- *Dunite, wehrlite, pyroxenite, serpentinite*

Nicola Group

Upper Triassic

- ***Unit uTrNs:*** *siltstone, sandstone, chert, conglomerate, limestone*
- ***Unit uTrNsv:*** *siltsone, sandstone, basalt, tuff, conglomerate, volcanic breccia, chert, dacite*
- Conglomerate
- ***Unit uTrNv:*** *volcanic breccia, tuff, basalt*

Middle? and Upper Triassic

- ***Unit muTrNs:*** *phyllite, slate, siltite, limestone*

Harper Ranch Group

Upper Paleozoic

- ***Unit PHRs:*** *siltstone, argillite, chert, limestone*

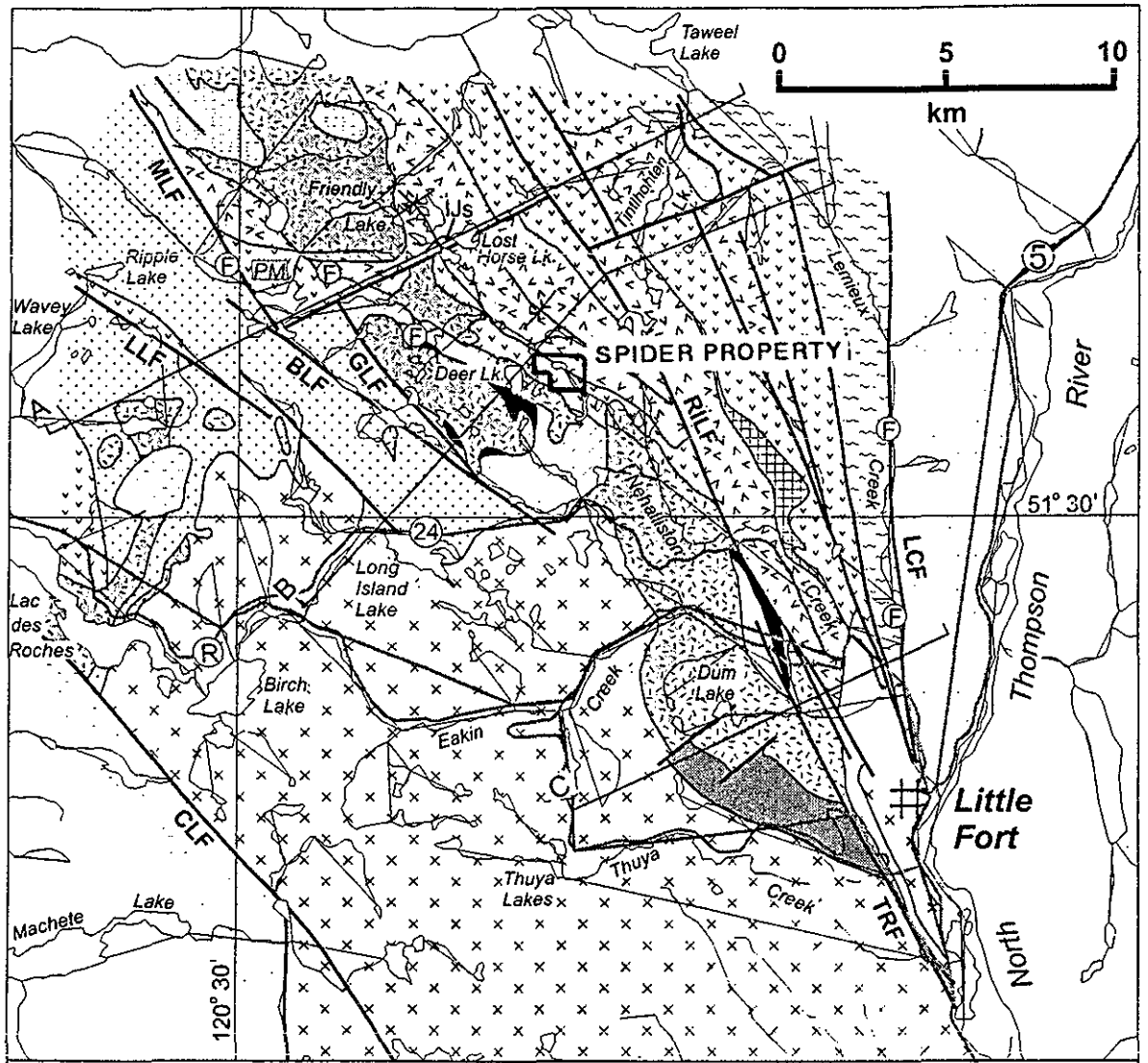
Permian

- ***Unit PHRl:*** *limestone*

SLIDE MOUNTAIN TERRANE

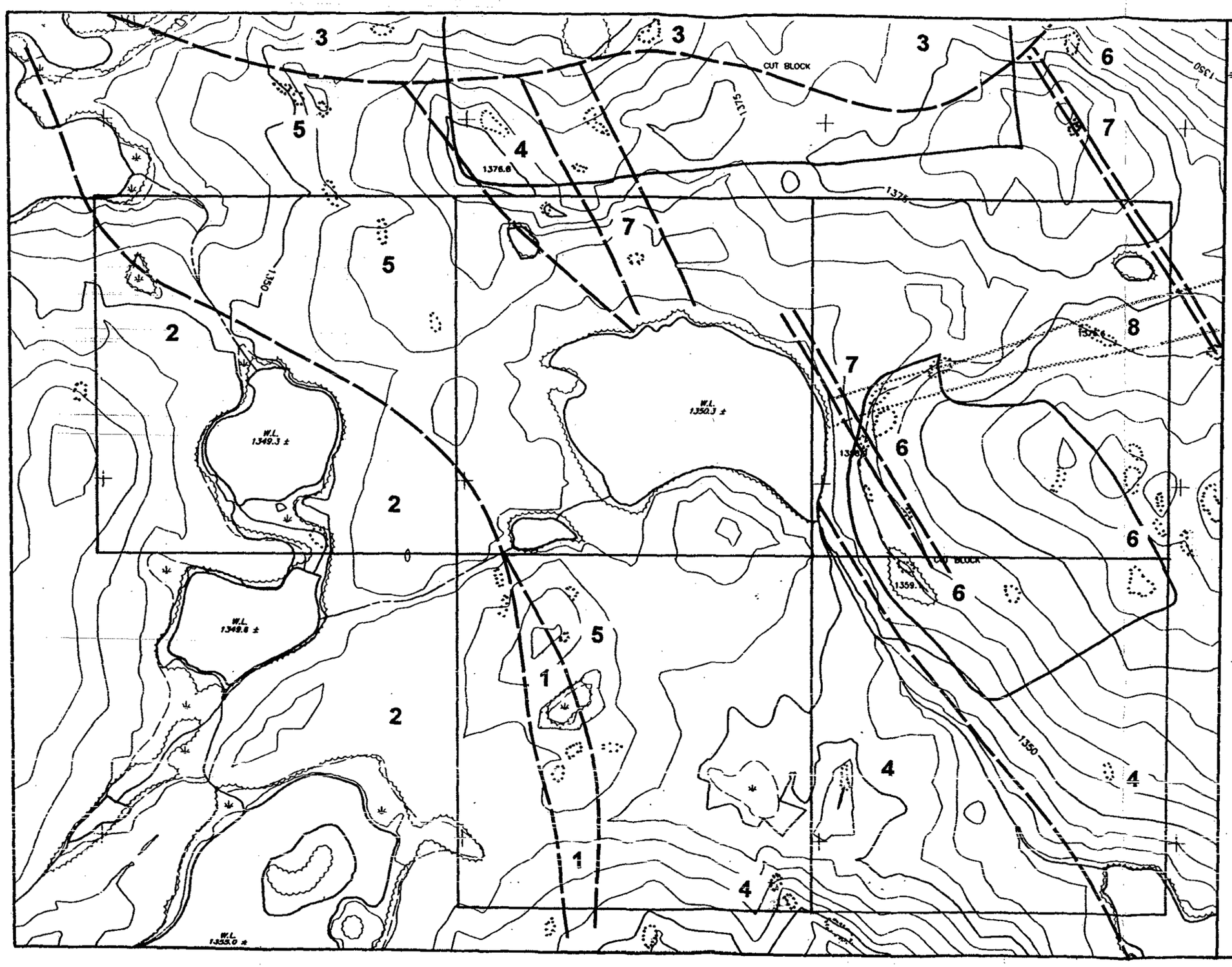
Carboniferous - Permian

- *Fennell Formation: basalt, chert, gabbro*



BLF: Blowdown Lake fault; CLF: Caverhill Lake fault; GLF: Gammarus Lake fault;
LCF: Lemieux Creek fault; LLF: Long Lake fault; MLF: Monticola Lake fault;
RILF: Rock Island Lake fault; TF: Taweel fault; TRF: Thuya Road fault.
Ⓕ = fossil locality; Ⓡ =Radiometric date locality PM: Pooytl Mountain

FIGURE 4 : REGIONAL GEOLOGY



LEGEND

1 **JURASSIC INTRUSIVES**
QUARTZ MONZONITE Leucocratic (white to gray to yellow fine to medium grained, composed mainly of plagioclase, quartz, and minor K spar in groundmass. Plagioclase phenocrysts are 1mm in lenth, and are anhedral, glomeratic in character.

2 **HORNBLEND-PLAGIOCLASE PORPHIRITIC QUARTZ DIORITE**
Fine to medium-grained, crowded hornblende plagioclase porphyritic rocks probably a high-level intrusive.

3 **MASIVE HORNBLENDE DIORITE QUARTZ DIORITE BRECCIA**
Hornblende diorite intruding amphibolite, medium green,rusty-weathered rocks that appears to form along or near the contact of a medium grained mafic volcanics. Breccias are extensive over 4 KM in length. Fragments size 3-15 cm. Primary composition suggest hybird diorite. Pyrite is thorough 3-7% entirety of hybird mass, K spar average 5-10% and can exeed up to 30% sporadically.

4 **AUGITE PORPHYR FLOWS**
Mottled light gray to dark green pyroxene, textures in flows vary from commonly medium to coarse pyroxene crystals.

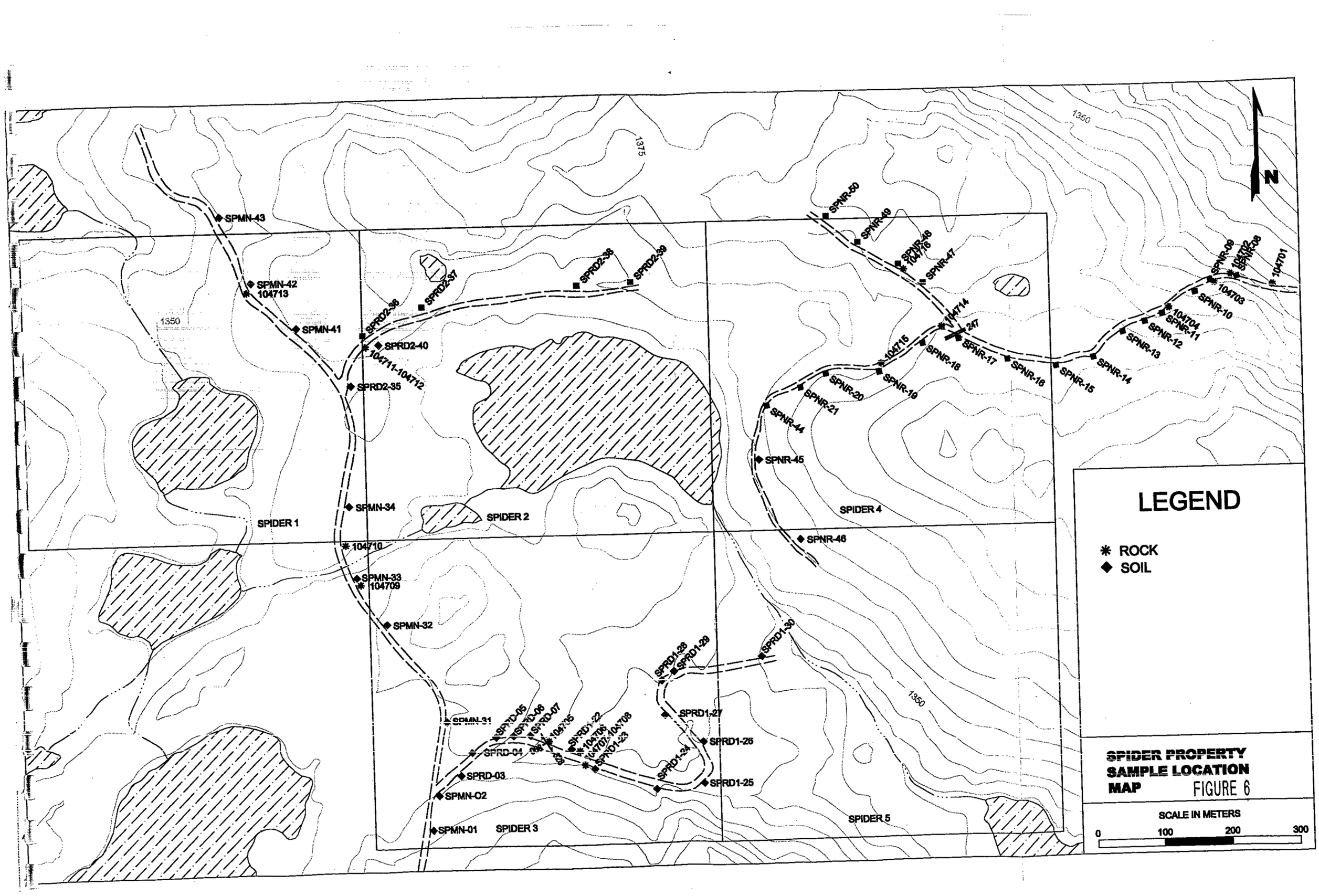
5 **ANDESITE FLOWS AND INTERBEDDED TUFFS**
Fine to medium grained dark green andesite, extensively chloritized along numerous brittle shears that contain lenses of massive sulfide. (pyrite) commonly 10-15 cm thick.

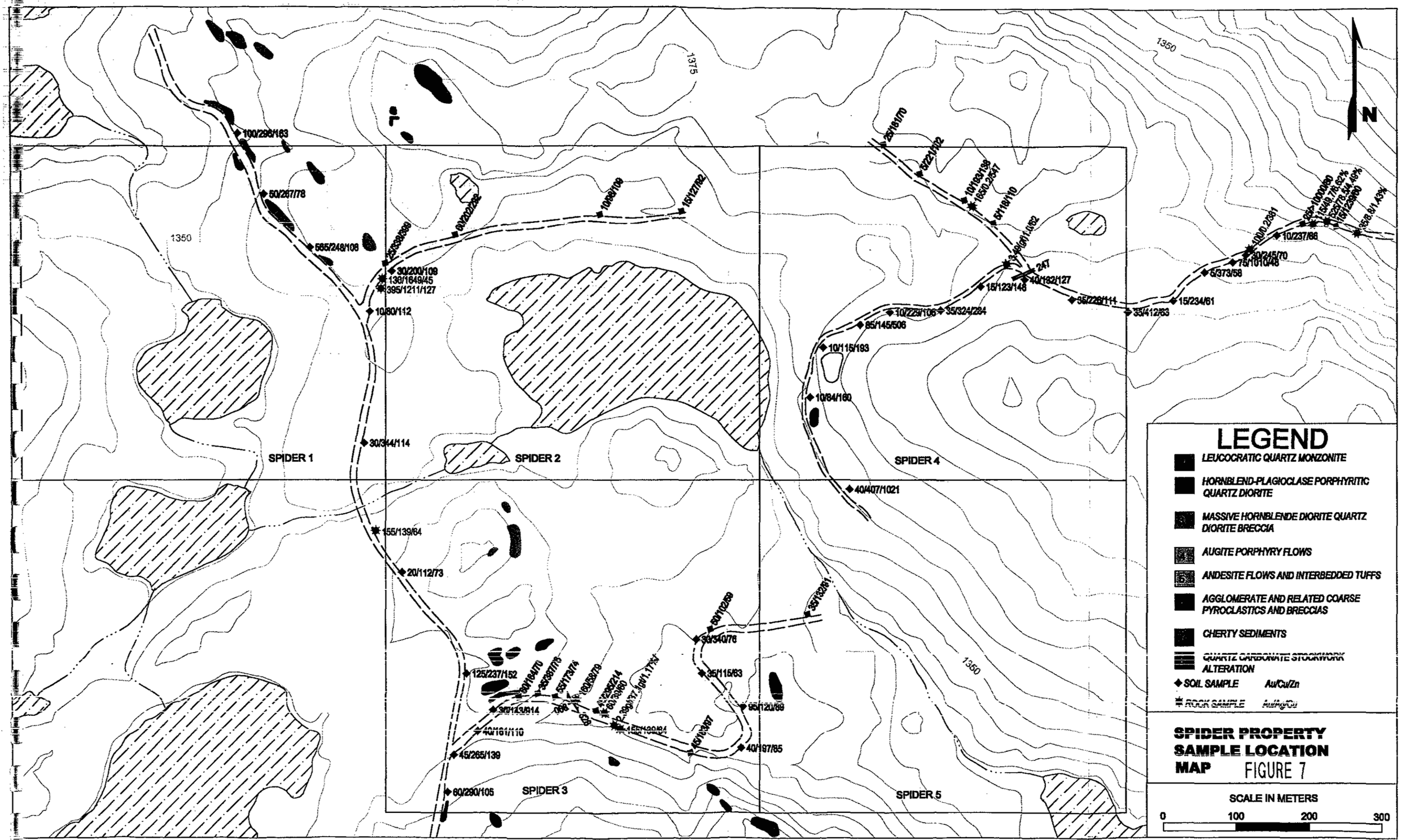
6 **AGGLOMERATE BRECCIA AND RELATED COARSE PYROCLASTICS.**

7 **CHERTY SEDIMENTS**
Turbiditic texture, gray, tan, pink, with white streeks, composition is not determinable but appearance is probly albite. Commonly light green well laminated and silicifide. Alteration to fine grained epidote and sericite, plus lesser carbonate and extensive chlorite near margins. Massive sulfide pyrite stockwork, miner cpy within unit.

8 **QUARTZ CARBONATE STOCKWORK VIENS**
Fine-grained, gray, stronly fractured intense pervasive silicifide and hornfelsed volcanics and sedimentary rocks. The extensive network of fractures is mainly quartz-quartz carbonate viens, stringers and along a norm easi, easi west structure. Sulfides are pyrite, chalcopyrite, galena. Weathers rusty-limonitic gossen also interstitial chlorite-sericite-calcite and fuchsite.

SPIDER PROPERTY
PROSPECTING
GEOLOGICAL MAP
FIGURE 5
JUNE 1998 1:5000 SCALE


N
1350
1375
SPMN-43
SPMN-42
104713
SPMN-41
SPRD2-36
SPRD2-37
SPRD2-38
SPRD2-39
SPRD2-40
104711-104712
SPRD2-35
SPMN-34
SPIDER 1
SPIDER 2
104710
SPMN-33
104709
SPMN-32
SPMN-31
SPRD-05
SPRD-06
SPRD-07
SPRD-04
SPRD-03
SPMN-02
SPMN-01
SPIDER 3
SPNR-50
SPNR-49
SPNR-48
104716
SPNR-47
104714
247
104715
SPNR-18
SPNR-17
SPNR-16
SPNR-15
SPNR-14
SPNR-13
SPNR-12
SPNR-11
104704
SPNR-10
104703
SPNR-09
104702
SPNR-08
104701
SPNR-20
SPNR-19
SPNR-21
SPNR-44
SPNR-45
SPIDER 4
SPNR-46
SPRD1-28
SPRD1-29
SPRD1-30
SPRD1-27
SPRD1-26
SPRD1-25
SPRD1-24
104706
104707-104708
SPRD1-23
SPRD1-22
SPIDER 5
LEGEND
ROCK
SOIL
SPIDER PROPERTY
SAMPLE LOCATION
MAP
FIGURE 6
SCALE IN METERS
0
100
200
300


1350
1375
1350
N
100/296/163
50/267/78
565/248/108
30/200/109
138/1649/45
395/1211/127
10/80/112
30/344/114
SPIDER 1
SPIDER 2
SPIDER 4
SPIDER 3
SPIDER 5
155/139/64
20/112/73
60/290/105
45/265/139
125/237/152
95/120/69
40/197/85
35/115/63
40/407/1021
10/84/160
10/115/193
85/145/506
35/324/284
15/123/148
35/412/63
15/234/61
5/373/58
10/237/66
LEGEND
LEUCOCRATIC QUARTZ MONZONITE
HORNBLEND-PLAGIOCLASE PORPHYRITIC QUARTZ DIORITE
MASSIVE HORNBLENDE DIORITE QUARTZ DIORITE BRECCIA
AUGITE PORPHYRY FLOWS
ANDESITE FLOWS AND INTERBEDDED TUFFS
AGGLOMERATE AND RELATED COARSE PYROCLASTICS AND BRECCIAS
CHERTY SEDIMENTS
QUARTZ CARBONATE STOCKWORK ALTERATION
SOIL SAMPLE Au/Cu/Zn
ROCK SAMPLE Au/Ag/Cu
SPIDER PROPERTY
SAMPLE LOCATION
MAP FIGURE 7
SCALE IN METERS
0 100 200 300

APPENDIX 1

Rock Sample Description and Assays

ROCK SAMPLE DESCRIPTION

Fig 11

104701

Location
NTS
Prospect Spider grant
Property Spider Claims

Date June 16, 2000
Project Name Spider Area 1
Sampler Paul Watt
Map used 1:2500

Rock unit
Sample # 104701
Out crop
Float Quartz 40cm

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		5
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		100
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	60
Augite breccia	40
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

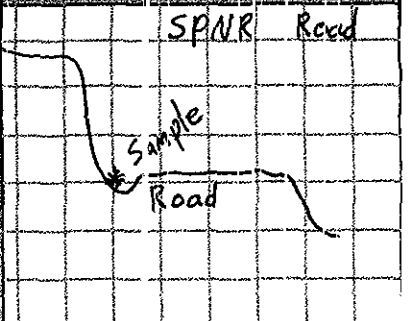
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite		1													
Barite															
Bismuthinite															
Chalcopyrite			5												
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite				5											
Pyrite		10													
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese			5												
Magnesium		10													
Bornite															
TOTALS %															

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz	80							
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite			5					
Grphite								
Sericite		10						
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %								

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

40 CM quartz float on road side 300 meters to the north East corner of the Spider property. This sample has significant amounts of Chalcopyrite 7 10% and Malachite stain

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
35	8.8	5	1.43	5	2	5	8	5	10	.50	.02	12.8	2.02	30

Score 161

Texture

Structure

Tertiary	
Cretaceous	
Jurassic	
Triassic	
Pennsylvanian	
Permian	
Mississippian	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

104702

Fig 12.

Location
NTS
Prospect Spider Grant
Property

Date June 16, 2000
Project Name Spider area 1
Sampler Paul Watt
Map used 1:2500

Rock unit
Sample # 104702
Out crop
Float Masive oxide cpy

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	60
Augite breccia	40
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

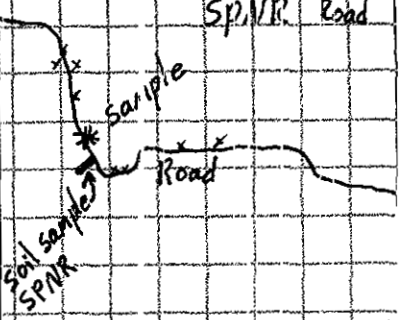
	%	5	10	15	20	25	30	35	40	50	60	70	80	90	100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite						■									
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite															
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese			■												
Magnesium															
Bornite															
TOTALS %															

Alteration

	%	5	10	15	20	25	30	35
Quartz			■					
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite							■	
Clay-altered								
Tourmaline								
Argillic								
Acid-leached	75							
Limonite			■					
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %								

	%	5	10	15	20	25	30	35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Float samples of Massive oxide and chalcopyrite scattered on bank side on road. Samples are highly weathered and probably were Masive sulfide Chalcopyrite. 20 cm size float

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
525	78.5 g/t	150	4.49 %	32	12	5	58	5	10	.24	.01	37	>10	165

Score 160+

Texture

Structure

Tertiary
Cretaceous
Jurassic
Triassic
Pennsylvanian-
Permian
Mississippian-
Upper Triassic
Proterozoic

ROCK SAMPLE DESCRIPTION

104703 — 1913

Location SPNR Road
NTS
Prospect Spider Grant
Property

Date June 16, 2000
Project Name Spider area 1
Sampler Paul Watt
Map used 1:2500

Rock unit
Sample # 104-703
Out crop
Float Massive Sulfide C.Py

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite agglomerate	60
Augite breccia	40
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

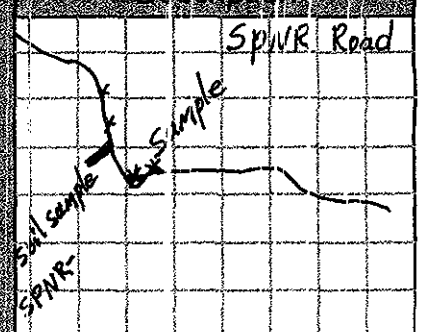
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite													■		
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite															
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %															

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite					■			
Clay-altered								
Tourmaline								
Argillic								
Acid-leached					■			
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %								

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Massive Sulfide chalcopyrite float on road side and in road. Highly Weathered sample but still has 80% cpy and 20% oxides. Appears to be a replacement vein and the source of the float is not known. several other smaller bits are seen.

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
115	48.7 g/t	5	6.62 %	23	22	5	45	5	20	.03	.01	2.3	>10	130

Score 140+

Texture

Structure

Tertiary
Cretaceous
Jurassic
Triassic
Pennsylvanian-
Permian
Mississippian-
Upper Triassic
Proterozoic

ROCK SAMPLE DESCRIPTION

104704

Fig 14

Location SPNR road
NTS
Prospect
Property Spider

Date
Project Name Spider area 1
Sampler Paul Watt
Map used 1:2500

Rock unit
Sample # 104704
Out crop
Float High sulfide Py, altered

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	60
Augite breccia	40
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

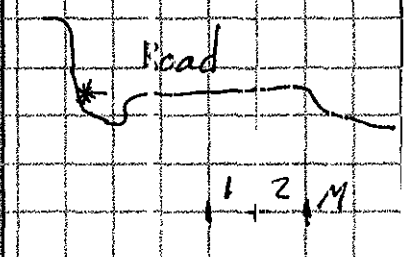
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite									■						
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %															

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide						■		
Adularia								
Alunite								
Hematite			■					
Clay-altered								
Tourmaline								
Argillic								
Acid-leached			■					
Limonite						■		
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite						■		
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %								

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Small highly pyritized and limonite altered rock. 40% Py and silicified.

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
100	0.2	5	381	1	28	5	62	5	10	.31	2.08	5.93	8.09	60

Score 130

Texture

Sructure

- Tertiary
- Cretaceous
- Jurassic
- Triassic ■
- Pennsylvanian
- Permian
- Mississippian
- Upper Triassic
- Proterozoic

ROCK SAMPLE DESCRIPTION

104705 | Pg 15

Location SPRD
NTS
Prospect
Property Spider

Date
Project Name Spider area
Sampler Paul Watt
Map used 1:2500

Rock unit Nicola
Sample # 104-705
Out crop Subcrop
Float

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Banded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	30
Porphyritic leucogranite	
Granite	
Mylonite	10
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

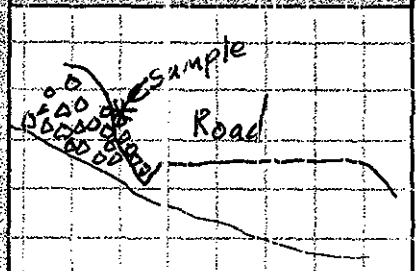
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Cinnabargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite				■											
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese	2														
Magnesium															
Bornite															
TOTALS %	2			15											

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz		■						
Chalcedony								
Silicifide				■				
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite			■					
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite		■						
Grphite								
Sericite								
Albite							■	
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %		10	10	15			35	

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase							■	
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								30

Description



Information

Highly pyritic quartz Monzonite strongly albitized, Pyrite within fractures and epidotized. Minor Chlorite.

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
160	1.2	75	58	7	46	5	79	5	10	2.85	29	5717	3.91	40

Score 117

Texture

Stucture

- Tertiary
- Cretaceous
- Jurassic
- Triassic ■
- Pennsylvanian-Permian
- Mississippian-Upper Triassic
- Proterozoic

ROCK SAMPLE DESCRIPTION

104706 | Pg 16

Location SPRD road | Date | Rock unit Nicola
NTS | Project Name Spider | Sample # 104706
Prospect | Sampler P Watt | Out crop
Property Spider | Map used 1:2500 | Float sub crop float

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Vuggy quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		60
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	40
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

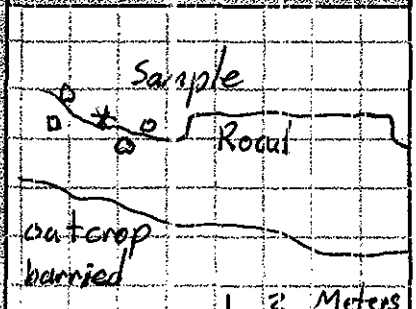
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Cinnabargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite				■											
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %				15											

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicified							■	
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic			■					
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar			■					
Chlorite								
Grphite								
Sericite								
Albite							■	
Siderite								
Fuchsite								
Biotite								
Epidote				■				
Gypsum								
TOTALS %				20	15		30	

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic		■						
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %		5						

Description



Information

Pyritized Albitized Monzonite? Altured Diorite strong Py within fractures and quartz stringers cut

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
60	0.2	5	39	1	46	15	60	15	10	1.03	.92	223	3.12	50

Score 115

Texture

Stucture: Sample near Contact of Andesitic tuffs

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian	
Permian	
Mississippian	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

104707 | Pg 17

Location Spider road side
NTS
Prospect
Property Spider

Date
Project Name
Sampler P Watt
Map used 1:2500

Rock unit Nicola
Sample # 104707
Out crop
Float Quartz float

Quartz Veins

	OC %	FLT %
Quartz carbonate		
...ay quartz		
...boned quartz		
...dded quartz		
Stockwork quartz		
Breccia quartz		
...iphidized quartz		
...ear zone quartz		
Silicified fault		
Banded quartz		
...artz-alunite		
...uartz-adularia		
Quartz-sericite		
High sulphide quartz		100
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sedimerits

	HR %
Mud stone	
silt stone	
Heterol thic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

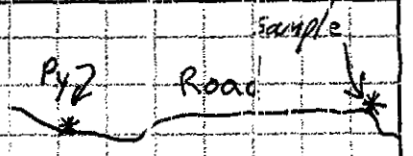
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
...urite															
...rite															
...smuthinite															
Chalcopyrite					•										
Chromite															
...ative copper															
...nargite															
Fluorite															
Galena															
...ative gold															
...ematite															
Magnetite															
Malachite			■												
...yrite				■											
...rrhotite															
...cheelite															
Siderite															
Sphalerite															
...tibnite															
...etrahedrite															
Molybdenite															
Wolframite															
...Vollastonite															
...anganese															
...agnesium															
Bornite															
TOTALS %			10	15	20										

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz	100							
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite		■						
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %	100	5						

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Quartz float near the contact of strongly Albitized Diorite and chloritic tuffs. Chalcopyrite is the predominate sulfide with Pyrite clusters. Malachite stain along Margins and Weathered cluster

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
2.39 gt	37.1 gt	185	1.17 %	10	52	5	80	5	10	.21	1.81	1.81	9.12	45

Score 150

Texture

Stucture

- Tertiary
- Cretaceous
- Jurassic
- Triassic ■
- Pennsylvanian-Permian
- Mississippian-Upper Triassic
- Proterozoic

ROCK SAMPLE DESCRIPTION

104708 | Pg 18

Location Spider road side
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit
Sample # 104708
Out crop
Float Quartz

Quartz Veins

	OC %	FLT %
Quartz carbonate		10
Gray quartz		
Ribboned quartz		
Vuggy quartz		
Stockwork quartz		70
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		20
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

	HR %
Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

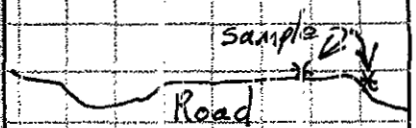
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Cinnabargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite															
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %		5													

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide	100							
Adularia								
Alunite				15				
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized			10					
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %	100		10	15				

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Strongly Silicified Tuffs with 10% Py and clay altered 25 cm in size and oxidized exterior road side sample.

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
155	.2	5	47	217	18	15	33	10	14	5.94	1.27	645	3.40	20

Score 135

Texture

Stucture

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian-	
Permian	
Mississippian-	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

104709

Fig 19

Location Spider road
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104709
Out crop
Float Diorite breccia

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	50
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	50

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mudstone	
silt stone	
Heterolithic tuff	
Lapill tuff	
Tuff	
Argillite	
Limestone	

Minerals

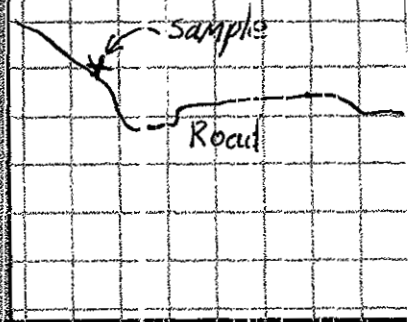
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite									■						
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %															

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide				■				
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic					■			
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite		■						
Grphite								
Sericite								
Albite					■			
Siderite								
Fuchsite								
Biotite								
Epidote		■						
Gypsum								
TOTALS %								

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Massive pyrite within Diorite. appears to be vein replaced with epidote along Margins. Mafic Minerals altured and bleched.

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
155	.2	10	139	1	14	5	64	10	10	1.13	1.37	.566	6.17	35

Score

Texture

Corse grained diorite with albitic matrix

Stucture

Tertiary
Cretaceous
Jurassic
Triassic ■
Pennsylvanian
Permian
Mississippian
Upper Triassic
Proterozoic

ROCK SAMPLE DESCRIPTION

104710 — Pg 20

Location Spider road
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104710
Out crop
Float Massive sulfide pyrite/mg

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		100
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Matic Intrusions

	HR %
Granodiorite	
Diorite	50
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	50

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

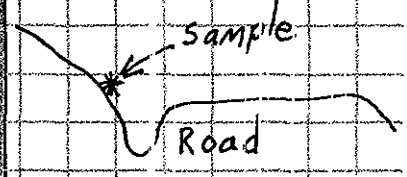
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite						■									
Malachite															
Pyrite													■		
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %					2%								80		

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide						■		
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite			■					
Grphite								
Sericite								
Albite								
Siderite			■					
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %			20			25		

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propylitic								
TOTALS %								

Description



Information

Massive sulfide pyrite vein
within strongly altured hornblend diorite
30 cm by 20 cm in size

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
2.97 gt	.4	640	88	9	154	5	215	50	10	.15	1.62	1522	>10	80

Score 130

Texture

Stucture

Tertiary
Cretaceous
Jurassic
Triassic ■
Pennsylvanian
Permian
Mississippian
Upper Triassic
Proterozoic

ROCK SAMPLE DESCRIPTION

104711 Pg 2.1

Location Spider roadside
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104711
Out crop
Float Massive sulfide Mag/py

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mudstone	
siltstone	
Heterolithic tuff	■
Lapilli tuff	
Tuff	
Argillite	
Limestone	

Minerals

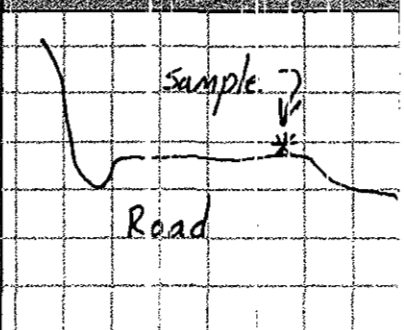
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite							■								
Malachite															
Pyrite												■			
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %							30					70			

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite					■			
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite				■				
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %				10		20		

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite		■						
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %		5						

Description



Information

Float sample of massive sulfide pyrite / magnetite. Sulfides are fine grained and Magnetite replaces pyrite

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
130	.2	450	1649	22	2	5	45	5	10	1.47	.50	3.35	>10	140

Score

Texture

Fine grained and Minor banding

Stucture

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian-	
Permian	
Mississippian-	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

#104712 Pg 22

Location Spider road
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104712
Out crop
Float Massive Magnetite

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	■
Argillite	
Lime stone	

Minerals

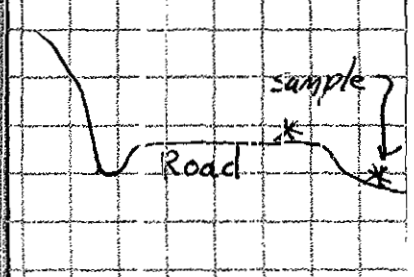
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite													■		
Malachite															
Pyrite					■										
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %					20								80		

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite		■						
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite		■						
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %			10					

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Massive Magnetite
float with fine pyrite
40cm - 50cm in size

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
395	6.6	120	1211	21	192	5	127	5	10	.23	.01	.08	7.10	35

Score 110

Texture

Structure

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian	
Permian	
Mississippian	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

Pg 23

104713

Location Spider road
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit ~~TA~~ Nicola
Sample # 104713
Out crop * Tuffs
Float out crop Vein

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphyr dyke	
Rhyolite porphyry	

Mafic intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	■
Basalt	
Augite porphyry	
Augite agglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	■
Argillite	
Limestone	

Minerals

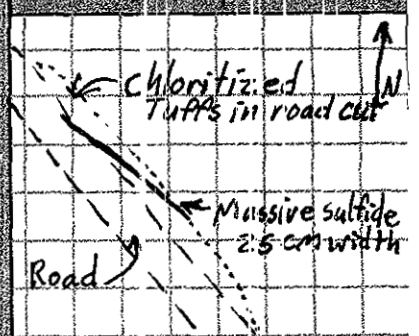
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite												■			
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %												70			

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony				■				
Silicifide								
Adularia								
Alunite								
Hematite			■					
Clay-altered			■					
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar					■			
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %					20	30		

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Massive pyrite within strongly Chloritized Tuffs, and strikes parallel to the bedding

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
250	1.0	305	834	14	20	5	33	5	10	.06	1.08	.212	7.10	75

Score 120

Texture

strongly fabricated

Stucture

Strikes 278°
dips 76° SW

- Tertiary
- Cretaceous
- Jurassic
- Triassic ■
- Pennsylvanian
- Permian
- Mississippian
- Upper Triassic
- Proterozoic

ROCK SAMPLE DESCRIPTION

104714

24

Location Spider north road
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104714
Out crop
Float Chalcedony Vein

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		30
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault	Mn	60
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Lime stone	

Minerals

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite															
Malachite															
Pyrite			■												
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %			10												

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz							■	
Chalcedony	60							
Silicifide								
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite		■						
Pyritized								
Carbonate		■						
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %	60	15					30	

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Descriptor

Information

Quartz Chalcedony float sample alongroad side. 35 cm in size, and has minen py and banded Texture and blue gray Color.

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
3.49 gt	1.0	10	62	1	18	20	33	5	10	8.01	.75	.174	1.28	30

Score 130

Texture

Stucture

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian	
Permian	
Mississippian	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

104715

Pg 25

Location Spider north
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104715
Out crop
Float Massive pyrite/Magnetite

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Mafic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	
Tuff	
Argillite	
Limestone	
chert	

Minerals

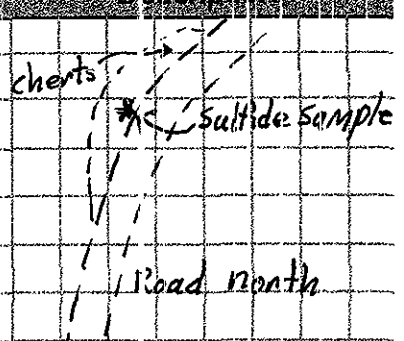
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite									■	■					
Malachite															
Pyrite										■					
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %										M					

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz		■						
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %								

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Description



Information

Massive fine graind pyrite Magnetite with Miner quartz. Sample on roadside bank within ribboned cherts sub crop. 20 cm size rubble sulfide

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
80	.2	5	126	4	16	5	127	30	10	3.34	1.29	2126	710	175

Score 105

Texture

Structure

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian-	
Permian	
Mississippian-	
Upper Triassic	
Proterozoic	

ROCK SAMPLE DESCRIPTION

#104716 Pg 26

Location Spider north
NTS
Prospect
Property Spider

Date
Project Name
Sampler P. Watt
Map used 1:2500

Rock unit Nicola
Sample # 104716
Out crop
Float Massive pyrite

Quartz Veins

	OC %	FLT %
Quartz carbonate		
Gray quartz		
Ribboned quartz		
Bladded quartz		
Stockwork quartz		
Breccia quartz		
Sulphidized quartz		
Shear zone quartz		
Silicified fault		
Banded quartz		
Quartz-alunite		
Quartz-adularia		
Quartz-sericite		
High sulphide quartz		
White barren quartz		

Felsic Intrusions

	HR %
Leucogranite	
Porphyritic leucogranite	
Granite	
Mylonite	
Quartz monzonite	
Biotite granite	
Coarse porphyritic granite	
Quartz-feldspar pegmatite	
Porphyritic aplite	
Feldspar-porphryr dyke	
Rhyolite porphyry	

Matic Intrusions

	HR %
Granodiorite	
Diorite	
Syenite	
Alkaline syenite	
Gabbro	
Norite	
Anorthosite	
Pyroxenite	
Hornblendite	
Dunite	
Peridotite	

Volcanics

	HR %
Dacite	
Trachyte	
Andesite	■
Basalt	
Augite porphyry	
Augite aglomerate	
Augite breccia	
Augite flows	
Ryolite flows	

Metamorphics

Chlorite schist	
Biotite schist	
Amphibolite	
Hornfels	
Skarn	

Clastic Sediments

	HR %
Mud stone	
silt stone	
Heterolithic tuff	
Lapilli tuff	1
Tuff	■
Argillite	
Limestone	

Minerals

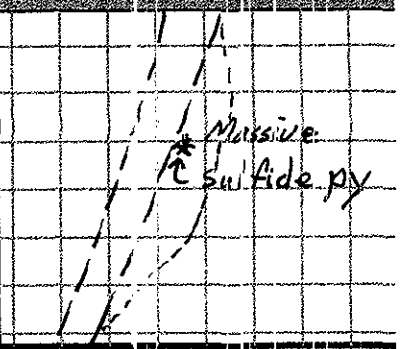
	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35	% 40	% 50	% 60	% 70	% 80	% 90	% 100
Antimony															
Arsenopyrite															
Azurite															
Barite															
Bismuthinite															
Chalcopyrite															
Chromite															
Native copper															
Enargite															
Fluorite															
Galena															
Native gold															
Hematite															
Magnetite			■												
Malachite															
Pyrite														■	
Pyrrhotite															
Scheelite															
Siderite															
Sphalerite															
Stibnite															
Tetrahedrite															
Molybdenite															
Wolframite															
Wollastonite															
Manganese															
Magnesium															
Bornite															
TOTALS %															

Alteration

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Quartz								
Chalcedony								
Silicifide								
Adularia								
Alunite								
Hematite								
Clay-altered								
Tourmaline								
Argillic								
Acid-leached								
Limonite								
Kaolinite								
Pyritized								
Carbonate								
Ferroan dolomite								
Ferromagnesian								
Fe-magnesite								
Ankerite								
Pervasive K-spar								
Chlorite								
Grphite								
Sericite								
Albite								
Siderite								
Fuchsite								
Biotite								
Epidote								
Gypsum								
TOTALS %								

	%	% 5	% 10	% 15	% 20	% 25	% 30	% 35
Garnet								
Diopsite								
Plagioclase								
Anhydrite								
Calcsilicate								
Phyllic								
Clay								
Calcite								
Serpentine								
Pyroxene								
Propyllitic								
TOTALS %								

Descriptor



Information

Massive sulfidy pyrite on roadside hosted within lapillituff and andesitic tuffs. Small float samples

Au	Ag	As	Cu	Mo	Pb	Sb	Zn	Bi	W	Ca%	Mg%	Mn%	Fe%	Ba%
165	.2	120	547	16	16	5	77	5	10	.11	.33	1.79	7.10	65

Score 100+

Texture

Stucture

Tertiary	
Cretaceous	
Jurassic	
Triassic	■
Pennsylvanian	
Permian	
Mississippian-	
Upper Triassic	
Proterozoic	

APPENDIX 2
ASSAY CERTIFICATE

Eco-Tech
LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2000-146

PAUL WATT
1058 Moncton Avenue
KAMLOOPS, BC
V2B 1S4

21-Jul-00

ATTENTION: Paul Watt

No. of samples received: 23
Sample type: Rock
Project #: Prospecting 2000
Shipment #: None Given
Samples submitted by: Paul Watt

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	As (%)	Cu (%)	Pb (%)	Zn (%)
1	104701	-	-	-	-	-	1.43	-	-
2	104702	-	-	78.5	2.29	-	4.49	-	-
3	10473	-	-	49.7	1.45	-	6.62	-	-
7	104707	2.39	0.070	37.1	1.08	-	1.17	-	-
10	104710	2.97	0.087	-	-	-	-	-	-
14	104714	3.49	0.102	-	-	-	-	-	-
20	104720	4.48	0.131	65.8	1.92	3.91	1.05	7.82	3.12
22	104722	7.33	0.214	-	-	-	2.72	-	-

Spider

QC DATA:

Standard:

MED STD	1.90	0.055	-	-	-	-	-	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T
B.C. Certified Assayer

XLS/00
cc: Kamloops Geological Services
Attn: Ron Wells

19-Jul-00

ECO-TECH LABORATORIES LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2000-146

PAUL WATT
1058 Moncton Avenue
KAMLOOPS, BC
V2B 1S4

ATTENTION: Paul Watt

No. of samples received: 23
Sample type: Rock
Project #: Prospecting 2000
Shipment #: None Given
Samples submitted by: Paul Watt

Values in ppm unless otherwise reported

Spider

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	104701	35	8.8	0.02	<5	30	<5	0.90	1	33	181	>10000	2.02	<10	0.02	128	5	<0.01	8	<10	<2	<5	<20	147	<0.01	<10	4	<10	<1	8
2	104702	525	>30	0.11	150	165	<5	0.24	4	213	25	>10000	>10	<10	<0.01	37	32	<0.01	17	<10	12	<5	<20	32	0.05	90	41	<10	<1	58
3	104703	115	>30	0.09	<5	130	<5	0.03	3	33	84	<1	>10	<10	<0.01	23	23	<0.01	3	>10000	22	<5	<20	37	<0.01	70	20	20	<1	45
4	104704	100	<0.2	1.61	<5	60	<5	0.31	<1	24	15	381	8.09	<10	2.08	593	<1	0.03	4	2080	28	5	<20	18	0.23	<10	180	<10	3	62
5	104705	160	1.2	0.15	75	40	<5	2.85	1	20	67	58	3.91	<10	0.29	5707	7	<0.01	8	950	46	<5	<20	57	<0.01	<10	8	<10	<1	79
6	104706	60	<0.2	1.29	<5	50	15	1.03	<1	21	64	39	3.12	<10	0.92	223	<1	0.03	5	800	46	15	<20	93	0.26	<10	75	<10	13	60
7	104707	>1000	>30	0.28	185	45	<5	0.21	<1	12	106	>10000	9.12	<10	0.09	181	10	<0.01	4	<10	52	<5	<20	4	0.01	10	12	<10	<1	80
8	104708	155	<0.2	0.31	<5	20	10	5.94	<1	25	59	47	3.40	<10	1.27	645	217	0.04	30	700	18	15	<20	420	<0.01	<10	14	<10	<1	33
9	104709	155	<0.2	1.51	10	35	10	1.13	<1	37	29	139	6.17	<10	1.37	666	<1	0.04	4	1420	14	<5	<20	75	0.18	<10	81	<10	2	64
10	104710	>1000	0.4	2.32	640	80	50	0.16	<1	28	33	88	>10	<10	1.62	1522	9	<0.01	4	1140	154	<5	<20	48	0.20	<10	104	<10	<1	215
11	104711	130	<0.2	0.72	450	140	<5	1.49	1	287	103	1649	>10	<10	0.50	335	22	0.01	73	7680	<2	<5	<20	43	0.04	70	704	<10	<1	45
12	104712	395	6.6	0.08	120	35	<5	0.23	2	15	85	1211	>10	<10	0.01	2886	21	<0.01	7	170	192	<5	<20	6	<0.01	<10	12	<10	<1	127
13	104713	250	1.0	1.30	305	75	<5	0.06	<1	86	122	834	>10	<10	1.08	212	14	0.03	23	950	20	<5	<20	13	0.05	40	138	<10	<1	33
14	104714	>1000	1.0	0.47	10	30	<5	8.01	2	9	182	62	1.28	<10	0.75	774	<1	<0.01	32	190	18	20	<20	189	0.02	<10	21	<10	<1	33
15	104715	80	<0.2	3.55	<5	175	30	3.34	<1	49	38	126	>10	<10	1.29	2126	4	0.09	11	830	16	<5	<20	96	0.15	<10	100	<10	<1	127
16	104716	165	0.2	0.40	120	65	5	0.11	1	222	133	547	>10	<10	0.33	179	16	<0.01	52	<10	16	<5	<20	3	<0.01	30	43	<10	<1	77
17	104717	175	<0.2	1.02	140	80	25	0.39	<1	47	56	202	>10	<10	1.01	911	16	<0.01	167	70	94	<5	<20	9	<0.01	10	39	<10	<1	86
18	104718	145	0.2	0.43	25	45	<5	0.43	1	33	36	31	3.55	<10	0.16	213	13	0.01	15	390	96	<5	<20	24	<0.01	<10	9	<10	<1	60
19	104719	65	<0.2	0.46	95	135	<5	0.06	<1	29	129	202	7.27	<10	0.09	953	7	<0.01	82	1020	40	<5	<20	30	<0.01	<10	15	<10	<1	167
20	104720	>1000	>30	0.08	>10000	65	<5	0.01	341	13	25	>10000	>10	<10	<0.01	37	7	<0.01	80	<10	>10000	135	<20	15	<0.01	60	11	<10	<1	>10000
21	104721	420	3.4	0.11	2320	75	<5	0.43	3	15	45	696	>10	<10	<0.01	21	17	<0.01	21	<10	888	60	<20	20	<0.01	50	5	<10	<1	917
22	104722	>1000	20.6	0.89	95	80	<5	3.25	3	82	25	>10000	>10	<10	0.26	465	12	<0.01	29	<10	110	<5	<20	22	0.03	20	69	<10	<1	423
23	A	210	8.8	2.10	215	75	<5	0.52	4	208	41	2153	>10	<10	1.52	1073	14	0.01	78	610	80	<5	<20	114	0.12	<10	103	<10	<1	310

19-Jul-00

ICP CERTIFICATE OF ANALYSIS AK 2000-146

PAUL WATT

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	104701	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	104701	55	9.4	0.03	<5	20	<5	0.96	<1	35	202	>10000	2.18	<10	0.03	132	7	<0.01	9	<10	<2	<5	<20	151	<0.01	<10	5	<10	<1	9
10	104710	>1000	0.6	2.39	635	80	65	0.18	<1	28	34	87	>10	<10	1.66	1542	10	<0.01	7	1170	154	<5	<20	50	0.20	<10	107	<10	<1	216
19	104719	-	<0.2	0.46	110	145	<5	0.06	1	30	134	210	7.31	<10	0.09	963	8	<0.01	83	1020	40	<5	<20	35	<0.01	<10	15	<10	<1	171
Standard:																														
GEO'00		110	0.6	1.92	70	165	5	1.69	<1	21	66	91	3.81	<10	0.95	703	<1	0.02	26	750	28	10	<20	71	0.14	<10	84	<10	13	78

df/146
XLS/00
cc: Kamloops Geological Services
Attn: Ron Wells

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

19-Jul-00

ICP CERTIFICATE OF ANALYSIS AK 2000-147

PAUL WATT

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	EHP - 26	5	<0.2	3.01	50	265	10	0.95	<1	49	225	116	7.32	<10	2.67	2588	<1	<0.01	159	1100	98	10	<20	37	0.11	<10	100	<10	13	215
27	EHP - 26 A	15	<0.2	3.13	65	285	15	0.67	<1	46	202	111	7.12	10	2.27	2397	<1	<0.01	159	1000	102	<5	<20	30	0.10	<10	91	<10	32	188
28	EHP - 27	<5	<0.2	2.97	30	335	10	0.41	<1	31	97	46	5.30	20	1.32	1140	<1	<0.01	75	340	64	10	<20	24	0.10	<10	70	<10	<1	211
29	EHP - 28	5	<0.2	2.59	40	190	10	0.24	<1	29	110	53	4.90	10	1.19	322	<1	<0.01	82	350	56	5	<20	14	0.10	<10	72	<10	<1	138
30	EHP - 29	70	1.0	1.31	300	430	15	1.51	2	63	91	168	>10	<10	1.45	4634	7	<0.01	132	970	446	<5	<20	67	0.05	<10	56	<10	3	334
31	EHP - 30	55	<0.2	2.90	50	325	15	1.27	<1	38	134	93	6.09	20	1.99	1191	<1	0.01	107	1050	90	15	<20	44	0.15	<10	81	<10	15	168
32	EHP - 31	20	<0.2	3.44	135	305	15	0.69	<1	33	79	79	6.51	<10	0.93	572	<1	0.01	78	570	162	<5	<20	34	0.10	<10	66	<10	<1	246
33	EHP - 32	10	<0.2	4.66	35	410	10	0.50	<1	44	171	92	5.51	<10	1.41	635	<1	0.01	141	580	80	10	<20	23	0.13	<10	78	<10	8	187
34	EHP - 33	5	<0.2	2.29	25	150	15	0.37	<1	36	143	54	4.82	10	1.44	706	<1	<0.01	117	650	38	<5	<20	21	0.13	<10	70	<10	6	87
35	EHP - 34	5	<0.2	3.00	30	285	20	0.51	<1	39	191	50	5.61	<10	1.65	667	<1	<0.01	131	460	60	5	<20	20	0.12	<10	93	<10	2	130
36	EHP - 35	5	<0.2	2.23	10	125	20	0.11	<1	35	91	92	7.97	<10	1.16	408	2	<0.01	69	950	308	<5	<20	13	0.07	<10	70	<10	<1	278
37	EHP - 36	5	<0.2	2.71	35	275	<5	0.26	<1	52	130	566	>10	<10	1.79	859	8	<0.01	153	1060	44	<5	<20	15	0.02	<10	60	<10	2	180
38	EHP - 38	30	<0.2	2.16	145	205	<5	1.80	1	48	131	155	6.84	<10	1.77	2325	<1	<0.01	143	1250	176	5	<20	47	0.09	<10	68	<10	4	393
39	EHP - 39	<5	<0.2	3.01	20	110	5	0.46	<1	24	40	39	3.41	10	0.48	601	<1	0.02	65	630	40	<5	<20	18	0.12	<10	41	<10	12	283
40	EHP - 40	10	<0.2	2.28	50	140	10	0.36	<1	29	75	95	4.42	20	1.01	651	<1	<0.01	74	640	52	<5	<20	22	0.12	<10	56	<10	8	175
41	EHP - 41	25	<0.2	0.29	325	130	10	1.43	61	112	23	604	>10	<10	0.52	4403	18	<0.01	272	940	424	<5	<20	110	<0.01	<10	26	<10	<1	3096
42	EHP - 42	20	0.8	0.88	110	660	<5	0.19	<1	19	28	130	5.22	<10	0.30	393	8	<0.01	35	1090	242	<5	<20	163	0.02	<10	23	<10	1	196
43	EHP - 43	30	<0.2	2.37	55	240	<5	1.52	1	40	179	108	5.38	<10	2.15	896	2	<0.01	129	920	100	15	<20	69	0.09	<10	75	<10	<1	207
44	EHP - 44	240	4.6	1.53	765	440	20	1.61	3	88	94	414	>10	<10	1.50	3838	12	<0.01	172	970	3454	<5	<20	69	0.04	<10	74	<10	<1	671
45	SPNR - 08	15	<0.2	1.83	15	535	<5	0.81	<1	60	293	1239	8.03	<10	2.33	939	<1	0.01	71	1440	26	5	<20	52	0.19	<10	141	<10	7	60
46	SPNR - 09	25	5.0	2.09	<5	580	<5	0.97	1	92	245	>10000	>10	<10	2.63	686	13	<0.01	59	370	44	<5	<20	28	0.20	<10	161	20	<1	80
47	SPNR - 10	10	<0.2	3.34	10	110	10	0.59	<1	59	220	237	8.94	<10	3.42	1423	<1	<0.01	67	1530	30	<5	<20	51	0.24	<10	233	<10	5	86
48	SPNR - 11	30	<0.2	1.60	20	335	<5	1.17	1	66	214	245	8.78	<10	1.82	1231	2	<0.01	82	1440	20	<5	<20	89	0.14	<10	151	<10	5	70
49	SPNR - 12	75	<0.2	2.04	<5	890	<5	0.66	<1	113	121	1010	>10	<10	1.99	1364	12	<0.01	67	1330	18	<5	<20	57	0.11	<10	171	<10	22	48
50	SPNR - 13	5	<0.2	3.15	10	125	<5	0.51	<1	57	149	373	8.95	<10	2.41	898	3	<0.01	70	1570	26	<5	<20	48	0.16	<10	186	<10	6	58
51	SPNR - 14	15	<0.2	2.65	10	230	10	0.54	1	69	168	234	>10	<10	1.44	948	6	<0.01	88	1110	22	<5	<20	44	0.13	<10	125	<10	4	61
52	SPNR - 15	35	<0.2	1.80	15	365	<5	0.84	<1	73	156	412	9.89	<10	1.68	1469	5	<0.01	72	1600	16	<5	<20	69	0.12	<10	131	<10	15	63
53	SPNR - 16	35	<0.2	1.62	15	240	10	0.78	<1	47	118	226	9.06	<10	1.18	1168	6	<0.01	61	1180	18	<5	<20	65	0.09	<10	101	<10	13	111
54	SPNR - 17	40	<0.2	2.81	20	160	10	0.42	<1	38	160	132	5.67	<10	1.49	713	<1	<0.01	64	730	24	10	<20	44	0.16	<10	122	<10	5	127
55	SPNR - 18	15	<0.2	2.86	30	95	5	0.45	<1	35	207	123	5.30	<10	1.81	759	<1	<0.01	67	960	26	5	<20	52	0.16	<10	130	<10	5	146
56	SPNR - 19	35	<0.2	2.67	30	120	<5	0.98	2	56	265	324	6.77	<10	2.59	2028	<1	0.01	97	1470	38	20	<20	65	0.15	<10	160	<10	21	264
57	SPNR - 20	10	<0.2	2.41	15	75	<5	0.66	<1	42	213	229	5.83	<10	2.05	938	<1	<0.01	77	1120	22	15	<20	74	0.16	<10	129	<10	7	106
58	SPNR - 21	85	<0.2	3.31	45	135	5	0.52	1	42	146	145	6.44	<10	1.27	868	6	<0.01	70	1850	38	<5	<20	49	0.14	<10	106	<10	3	506
59	SPNR - 24	45	<0.2	2.46	30	120	10	0.89	<1	46	183	183	6.72	<10	2.22	1368	<1	<0.01	69	1610	32	5	<20	54	0.15	<10	130	<10	16	97
60	SPNR - 44	10	<0.2	2.68	10	165	20	0.56	<1	42	215	115	6.38	<10	1.75	799	<1	<0.01	72	1100	26	10	<20	46	0.17	<10	129	<10	3	193

Spider

19-Jul-00

ICP CERTIFICATE OF ANALYSIS AK 2000-147

PAUL WATT

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	SPNR - 45	10	<0.2	2.69	<5	220	15	0.47	<1	37	217	84	6.14	<10	1.54	562	<1	<0.01	60	720	22	5	<20	57	0.17	<10	121	<10	<1	160
62	SPNR - 46	40	<0.2	2.44	20	105	<5	0.49	5	61	217	407	>10	<10	1.59	1439	2	<0.01	65	1630	20	<5	<20	43	0.16	<10	115	<10	<1	1021
63	SPNR - 47	5	<0.2	2.66	20	95	10	0.47	<1	35	243	118	5.30	<10	2.14	526	<1	<0.01	85	670	22	10	<20	59	0.19	<10	137	<10	4	110
64	SPNR - 48	10	<0.2	2.95	55	165	10	0.47	<1	49	405	193	8.63	<10	2.58	948	<1	<0.01	95	960	26	10	<20	75	0.18	<10	155	<10	<1	138
65	SPNR - 49	5	<0.2	3.41	15	120	15	0.93	<1	56	505	221	7.42	<10	4.48	2349	<1	<0.01	126	1680	30	10	<20	47	0.22	<10	230	<10	15	102
66	SPNR - 50	25	<0.2	2.46	<5	80	<5	0.59	<1	43	336	181	5.46	<10	2.12	739	<1	<0.01	85	1020	18	10	<20	65	0.16	<10	131	<10	5	70
67	SPRD1 - 03	40	<0.2	2.60	30	110	<5	0.64	<1	36	109	181	5.62	<10	1.39	826	<1	<0.01	41	1370	26	<5	<20	47	0.13	<10	96	<10	16	110
68	SPRD1 - 04	30	<0.2	2.25	35	70	5	0.59	7	35	105	143	6.03	<10	1.67	1395	<1	<0.01	40	1550	80	10	<20	48	0.14	<10	101	<10	8	914
69	SPRD1 - 05	60	<0.2	1.57	25	70	<5	0.69	<1	34	77	164	5.62	<10	1.10	740	<1	<0.01	28	1660	16	<5	<20	56	0.12	<10	80	<10	13	70
70	SPRD1 - 06	35	<0.2	1.80	30	90	<5	0.72	<1	58	148	387	7.99	<10	1.54	1037	2	<0.01	36	2110	24	5	<20	90	0.14	<10	90	<10	8	76
71	SPRD1 - 07	55	<0.2	1.75	15	80	<5	0.57	<1	31	65	173	5.10	<10	1.25	889	<1	<0.01	24	1390	28	5	<20	75	0.12	<10	81	<10	13	74
72	SPRD1 - 22	45	<0.2	2.96	35	205	25	0.50	4	75	69	295	>10	<10	0.87	696	8	<0.01	27	3340	50	<5	<20	72	0.16	<10	107	<10	<1	214
73	SPRD1 - 25	40	<0.2	1.78	35	130	<5	0.90	<1	46	152	197	6.10	<10	1.50	1298	<1	<0.01	53	1610	26	<5	<20	56	0.14	<10	100	<10	13	85
74	SPRD1 - 26	95	<0.2	1.77	20	110	10	1.85	<1	37	137	120	4.83	<10	1.40	958	<1	0.01	59	1470	18	15	<20	87	0.14	<10	101	<10	11	89
75	SPRD1 - 27	35	<0.2	1.47	15	65	<5	0.70	<1	33	113	115	4.51	<10	1.10	892	<1	<0.01	36	1680	24	15	<20	46	0.12	<10	81	<10	12	63
76	SPRD1 - 28	30	<0.2	1.64	20	65	<5	0.69	2	45	135	340	6.48	<10	1.36	1171	<1	<0.01	39	1620	24	10	<20	44	0.13	<10	95	<10	18	76
77	SPRD1 - 29	50	<0.2	2.60	25	110	5	0.90	<1	44	127	102	7.20	<10	1.44	830	<1	<0.01	38	820	22	<5	<20	62	0.13	<10	115	<10	8	59
78	SPRD1 - 30	35	<0.2	1.98	15	85	5	0.47	<1	32	132	132	5.51	<10	1.12	679	<1	<0.01	40	1330	22	10	<20	38	0.14	<10	96	<10	7	91
79	SPRD1 - 35	10	<0.2	3.29	20	90	20	1.13	<1	56	203	80	6.65	<10	3.28	1111	<1	<0.01	208	1660	24	30	<20	41	0.22	<10	143	<10	9	112
80	SPRD1 - 36	25	<0.2	3.57	40	115	<5	0.50	<1	50	218	338	6.83	<10	2.31	881	<1	<0.01	97	1050	40	15	<20	52	0.18	<10	143	<10	6	399
81	SPRD1 - 37	60	<0.2	2.04	25	70	<5	0.73	1	47	209	202	6.65	<10	1.88	1149	<1	<0.01	53	1520	26	5	<20	79	0.18	<10	139	<10	10	292
82	SPRD1 - 38	10	<0.2	2.02	10	65	15	0.59	<1	37	219	98	5.72	<10	1.52	556	<1	<0.01	45	970	16	5	<20	82	0.23	<10	141	<10	3	109
83	SPRD1 - 39	15	<0.2	1.92	15	70	15	0.72	<1	40	240	127	5.72	<10	1.82	793	<1	<0.01	56	1460	18	5	<20	78	0.18	<10	125	<10	7	92
84	SPRD1 - 40	30	<0.2	2.88	<5	150	20	1.09	3	84	93	200	>10	<10	1.56	696	12	<0.01	37	1550	24	<5	<20	79	0.10	<10	118	<10	3	109
85	SPMN, 1	60	<0.2	1.95	25	95	<5	0.81	1	63	101	290	6.51	<10	1.54	1179	<1	<0.01	35	1630	86	10	<20	77	0.14	<10	105	<10	14	105
86	SPMN, 02	45	<0.2	1.83	20	60	<5	0.64	1	50	106	265	6.04	<10	1.52	1305	<1	<0.01	32	1740	24	5	<20	67	0.15	<10	105	<10	15	139
87	SPMN - 31	125	<0.2	1.90	30	90	<5	0.65	1	44	128	237	7.39	<10	1.48	1921	1	<0.01	38	1750	24	<5	<20	51	0.13	<10	118	<10	26	152
88	SPMN - 32	20	<0.2	1.62	20	90	<5	0.69	1	32	90	112	4.42	<10	1.15	906	<1	<0.01	38	1460	18	10	<20	45	0.14	<10	88	<10	14	73
89	SPMN - 34	30	<0.2	3.50	15	120	10	0.36	<1	82	101	344	8.10	<10	1.47	817	1	<0.01	50	1840	30	<5	<20	47	0.15	<10	124	<10	4	114
90	SPMN - 41	565	<0.2	2.04	20	95	10	0.41	<1	44	185	248	7.42	<10	1.70	809	3	<0.01	54	1380	32	<5	<20	35	0.11	<10	111	<10	3	108
91	SPMN - 42	50	<0.2	2.70	60	125	5	0.62	<1	53	196	267	8.40	<10	2.48	1171	2	<0.01	70	1430	30	<5	<20	68	0.14	<10	158	<10	11	78
92	SPMN - 43	100	<0.2	2.37	95	95	<5	0.55	<1	41	164	296	6.87	<10	1.95	995	2	<0.01	56	1130	38	10	<20	62	0.16	<10	140	<10	23	163
93	X	40	<0.2	2.97	20	80	<5	0.56	<1	64	255	394	7.95	<10	2.82	1516	<1	<0.01	100	1610	22	10	<20	59	0.13	<10	134	<10	4	95

Spider

Not labelled

19-Jul-00 ICP CERTIFICATE OF ANALYSIS AK 2000-147 PAUL WATT

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	EHP - 01	5	<0.2	3.06	20	125	5	0.51	2	24	84	50	3.46	<10	0.86	446	<1	0.02	66	320	60	10	<20	19	0.13	<10	52	<10	10	297
10	EHP - 10	5	2.2	3.92	45	175	15	0.28	<1	24	74	40	4.05	<10	0.54	263	<1	0.01	53	470	232	10	<20	9	0.13	<10	53	<10	3	291
19	EHP - 19	15	<0.2	2.03	170	240	10	0.27	<1	50	113	112	7.25	<10	1.19	886	3	<0.01	136	890	142	<5	<20	15	0.05	<10	60	<10	<1	239
28	EHP - 27	-	<0.2	2.91	30	330	10	0.40	<1	31	96	47	5.28	10	1.30	1112	<1	<0.01	74	340	62	5	<20	25	0.09	<10	69	<10	<1	209
30	EHP - 29	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	EHP - 35	5	<0.2	2.27	25	120	20	0.11	<1	37	92	93	8.05	<10	1.19	432	3	<0.01	72	970	328	<5	<20	3	0.07	<10	70	<10	<1	282
45	SPNR - 08	-	<0.2	1.86	10	580	<5	0.84	<1	61	305	1232	8.12	<10	2.37	951	<1	0.01	73	1460	20	5	<20	58	0.20	<10	146	<10	8	59
48	SPNR - 11	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	SPNR - 17	30	<0.2	2.84	20	160	5	0.44	<1	38	161	127	5.70	<10	1.49	725	<1	<0.01	65	730	24	10	<20	46	0.17	<10	124	<10	6	134
63	SPNR - 47	10	<0.2	2.66	20	90	10	0.50	<1	35	244	119	5.32	<10	2.12	526	<1	<0.01	79	700	22	20	<20	62	0.20	<10	138	<10	5	109
71	SPRD1 - 07	40	<0.2	1.81	15	75	<5	0.62	<1	31	68	175	5.17	<10	1.28	899	<1	<0.01	26	1450	28	10	<20	77	0.13	<10	84	<10	13	75
80	SPRD1 - 36	15	<0.2	3.65	45	115	<5	0.54	<1	52	223	343	6.97	<10	2.35	906	<1	<0.01	98	1010	42	10	<20	59	0.20	<10	149	<10	6	406
89	SPMN - 34	-	<0.2	3.53	<5	130	<5	0.38	<1	83	102	349	8.20	<10	1.49	823	<1	<0.01	48	1770	28	<5	<20	56	0.16	<10	126	<10	<1	111
Standard:																														
GEO'00		110	0.8	1.95	60	160	15	1.70	<1	21	66	89	3.86	<10	0.97	713	<1	0.02	22	790	34	10	<20	63	0.13	<10	84	<10	11	77
GEO'00		105	1.0	1.99	65	160	5	1.73	<1	21	68	90	3.86	<10	0.98	710	<1	0.02	24	780	22	<5	<20	72	0.14	<10	86	<10	10	78
GEO'00		110	1.0	1.97	55	165	15	1.76	<1	21	67	89	3.86	<10	0.97	714	<1	0.02	24	750	24	<5	<20	79	0.16	<10	86	<10	9	78

Spider

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/147
XLS/00
cc: Kamloops Geological Services
Attn: Ron Wells

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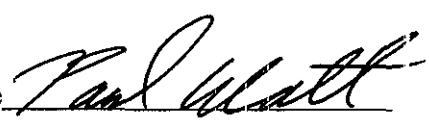
STATEMENT OF QUALIFICATIONS

I Paul Watt of the city of Kamloops, British Columbia, do hereby certify that:

1. I have been an active prospector within the Kamloops region since 1985.
2. I have been employed by a number of companies in good standing since 1987.
3. I been employed by Kamloops geological services, and Teck Corporation within seasons.
4. I have also been self employed as independent contractor as (Trywest Exploration services.
5. Taken several short courses and work shops on Lithogeochemistry, Soil Geochemistry and Structurural Vein systems, Intrusion Hosted Gold Deposits. 1989-99.
6. Completed UCC geology 2nd year, Petrology and Petrographic credit course
7. I also have taken the Ministry of Mines course Petrology for Prospectors 1990 (Smithers, BC.)
8. Advanced Prospectors Geology Course, Ministry of Mines 1988, (Mesachie Lake, BC.)
9. Introduction to Prospecting and Geology Course 1987, (Kamloops, BC.)

P.S. Watt Prospector, Geological Technician.

Dated in Kamloops, BC. April 15, 2001

Signature 

1.9 STATEMENT OF COSTS SPIDER PROSPECTING GRANT

Prospecting and soil sampling 10 days x $200.00 ----------$2000.00
expenses travel, meals, supplies, ----------$578.00
Assay costs 66 samples x $23.00 ----------$1518.00
Report 3 days x $200.00 ----------$600.00

TOTAL **$4696.00**

Total cost applied to assesment work ----------**$3000.00**