1991 GEOCHEMICAL and TRENCHING REPORT

on the

SUMMIT CAMP PROPERTY

Similkameen Mining Division British Columbia

North Latitude 49°25' West Longitude 121°05'

NTS 92H/6E

Prepared for

SCHELLEX GOLD CORP.

P.O. Box 11604 1410-650 West Georgia Street Vancouver, B.C. V6B 4N9

Prepared by

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P. O. Box 11604 1410-650 West Georgia Street Vancouver, B.C. V6B 4N9

November, 1991

ARIS SUMMARY SHEET

Jistrict Geolo	ogist, Kamloops Off	Confidential: 92.08.19
ASSESSMENT REI	PORT 21833 MINING DIVISION: Similka	imeen
PROPERTY: LOCATION:	Summit LAT 49 25 00 LONG 121 04 00 UTM 10 5475354 640226 NTS 092H06E	
CLAIM(S): OPERATOR(S): AUTHOR(S): REPORT YEAR: COMMODITIES	Lulu (L.92) Schellex Gold Kushner, W.R.;Schellenberg, G. 1991, 34 Pages	
SEARCHED FOR: XEYWORDS:	Silver,Lead,Zinc Jurassic,Dewdney Creek Group,Tuffs,Pelite Sandstones	es,Conglomerates
DONE: Pro	specting	

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The Summit Camp Property, located in the Similkameen Mining Division of British Columbia, was worked on in August 1991. A hand trenching program was implemented to determine the source of three soil anomalies. Two of the areas proved unsuitable for this method, as the overburden was too deep to be removed by hand.

The soil anomaly at station 3+50N along line 102+50E was successfully trenched. A 30 centimetre gossanous quartz-sulphide vein, mineralized with sphalerite, proved to be the source of the anomaly in the soils. Assays of rock samples chipped across the vein returned results high in Cu, Pb, Zn, Ag and Au.

This program confirmed a mineralized quartz vein to be the source of at least one site of anomalous soil geochemistry. Further work is recommended by the author to determine the strike length of this vein, to search for parallel veins and to trench by machine the other anomalous areas which remain covered by deeper overburden.

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1.0 INTRODUCTION

1.1 Summary

Schellex Gold Corp. of Vancouver, B.C., holds an option to earn 80% of the Summit Camp property from Tarbo Resources Ltd. of West Vancouver. This report describes the hand trenching and geochemical sampling program conducted on the property during August, 1991.

1.2 Location & Access

The Summit Camp property lies west of Treasure Mountain, 27 air kilometres east-northeast of Hope, in the Similkameen Mining Division of southern British Columbia (Figure 1). The geographical coordinates of the property are north latitude 49°25' and west longitude 121°45'.

The property is accessed via a well maintained logging road 1.5 kilometres past the toll booth along the Coquihalla Highway (54 kilometres north of Hope). Property access is provided by three kilometres of dirt road which branches off after 37.8 kilometres of the logging road. Access is also easily obtained from the village of Tulameen, 20 kilometres to the east of the property.

1.3 Physiography & Climate

Elevation on the claim group ranges from 1400 metres on the Southern No. 8 claim to 1860 metres along a ridge linking Mount Sutter and Tulameen Mountain. The Southern No. 8 claim covers the



lowest point on the Summit Camp. It lies on an east-west trending ridge between Sutter and Amberty creeks, forming part of the headwaters of the Tulameen River to the east.

The claims are well forested with fir, spruce and some cedar; treeline occurs at approximately 1830 metres. The area experiences heavy snowfall in the winter months. Exploration in snow-free conditions can normally be carried out from mid-May to mid-November.

1.4 Property Description

The Summit Camp property consists of one fractional claim, four reverted crown grants and three M.G.S. claims totalling 34 units, and is located in the Similkameen Mining Division of southern British Columbia (Figure 2). Schellex Gold Corp. of Vancouver holds an option to earn a 80% interest in the property from Tarbo Resources Ltd. The following table summarizes pertinent claim data from records of the B.C. Ministry of Energy, Mines and Petroleum Resources:

TABLE 1: CLAIM STATUS

<u>Claim Name</u>	<u>Record number</u>	<u>Size (units)</u>	<u>Expiry Date*</u>
Vigo (L91)	248817	1	25 Jun 1992
Lulu (L92)	248818	1	25 Jun 1992
Amberty	248906	6	09 Jul 1992
Sky	248821	15	18 Aug 1992
Sutter (L93)	248750	1	27 Sep 1992
Skyline (L94)	248751	1	27 Sep 1992
Southern No.8	248688	1	12 Oct 1992
Sparkle	pending	8	29 Oct 1992

* Pending acceptance of this report



1.5 Property History

Mineral showings in the area were first discovered in 1894. Known as Treasure Mountain, Summit Camp or Silver Chief-Silver Hill property, the area has seen significant exploration and development work. Ore was produced from 1920 to 1932 and again in the 1950's. Huldra Silver Inc. is actively carrying out exploration and development in an area immediately east of the Summit Camp and southeast of the Venus Silver claim (owned by Schellex Gold Corp.). The 'C' vein being developed by Huldra Silver encompasses the old Silver Chief Property.

In 1894-1896, Indiana Company worked on the Sutter, Skyline, Lulu and Vigo claims. Assays up to 200 oz/ton silver were obtained. Sporadic exploration continued to 1913 in the camp. Three parallel mineralized structures, 1 to 6 inches wide, with assays up to 0.08 oz/ton gold, 23.8 oz/ton silver and 3.6% lead, were discovered on the Indiana Claim. Maps of the underground workings were recorded and are available. Brief descriptions of previous work can also be found in the British Columbia Minister of Mines Annual Reports.

Treasure Mountain Mining Company carried out extensive development on two silver rich galena-sphalerite veins on the company's properties on Treasure Mountain. Assays up to 130 oz/ton silver were obtained. Similar veins were located on the Morning Star, Lulu and Vigo claims. In the period 1919-1920, Indiana Company drove 350 feet of cross-cuts and tunnels. On the Silver Chief

property, lenses of galena and sphalerite mineralization over a width of 4 feet were developed (geological maps and descriptions of silver-lead-zinc mineralization on the recent work by Huldra Silver Inc. on the Silver Chief Property is available). On the Eureka property, located west of Silver Chief property, 43 tons of silver rich ore were shipped to the smelter. The camp was intermittently active to 1932 when exploration and development virtually ceased. The camp was reactivated in 1954, with the installation of a 50 ton per day concentrator. Activity was short-lived, and production ceased in 1957. The total production, mainly from the Eureka and Silver Chief properties, consisted of 40,431 ounces of silver, 392,357 pounds of lead and 102,079 pounds of zinc.

In 1970, Copper Range Exploration Inc. conducted geochemical soil, rock and stream sediment surveys, and reopened the Nos. 1, 2 and 3 levels of the Silver King Mine.

Unicorn Resources Ltd. completed regional soil geochemical survey, underground geological mapping and sampling in 1982 (Hawkins and Lebel, 1983). The following year, MPH Consultants (on behalf of Unicorn Resources) carried out geological and geophysical surveys and limited diamond drilling. Several interesting silver soil anomalies and coincident VLF conductors were delineated. These anomalies are the Summit Trend (north of the Indiana Fault), the Mountain View Trend (southeast of the Mountain View Adit) and the Queen Bess Trend, located southwest of the Mountain View Adit. The

Bluebell workings form another trend to the south. Trenching of these anomalies produced values as high as 16.0 oz/ton silver, 1.7% lead and 10.6% zinc over a width of 1.22 metres.

Eight core drill holes were drilled below the upper Bluebell, Indiana and the Mountain View adits, resulting in sub-economic intersections. A drill hole located beneath the Indiana Adit returned 21.6 oz/ton silver, 4.4% lead, and 10.7% zinc over a width of 30 centimetres.

In 1987, Harrisburg-Dayton Resources Corp., Schellex Gold Corp.'s former joint venture partner, carried out VLF-EM, magnetometer and soil geochemical surveys on the Southern No. 8 claim. Subsequent trenching produced silver values as high as 88.38 oz/ton and 50.9 oz/ton over 0.5 and 0.9 metres respectively.

Harrisburg-Dayton Resources Corp. and Schellex Gold Corp. extended the VLF-EM and geochemical soil surveys to other parts of the property in 1988. This was followed up by road construction, trenching and chip and channel sampling. Several coincident VLF-EM and geochemical soil anomalies were delineated. The anomaly around the Indiana Adit and Summit Shaft was trenched. A total of 200 channel samples were collected - 40 from the Indiana trench and 160 from the Summit trench. Assays as high as 0.95% copper 51.58% lead, 22.99% zinc, 119.80 oz/ton silver and 0.095 oz/ton gold were obtained from the Summit trench and 0.32% copper, 34.96% lead,

19.39% zinc, 60.28 oz/ton silver and 0.144 oz/ton gold were obtained from the Indiana trench. Subsequent diamond drilling consisting of 16 BQ drill holes, totalling 1317 metres, was conducted on the Summit Zone between Summit Shaft and Indiana Adit. Several significant intercepts in lead, zinc and silver were obtained in the drill holes.

Harrisburg-Dayton Resource Corp. relinquished its interest in the Summit Camp property to Schellex Gold Corp. in January 1990, and therefore does not retain any further interest, direct or indirect, in the property.

1.6 1991 Work Program

In August, 1991, three men employed by Coast Mountain Geological Ltd. (Table 2), spent a total of 11 man-days on the property. Six man-days were spent locating and visually inspecting areas of anomalous soil geochemistry and selecting possible sites for handtrenching. Of the 3 site selected, two were too deeply buried by overburden to facilitate trenching by hand; one site was successfully trenched and sampled.

TABLE 2: PERSONNEL

Gary Schellenberg.....Geologist (Aug 16-18) Calvin Huey....Prospector (Aug 8, 16-18) John Huey....Prospector (Aug 8, 16-18)

A total of 11 rock chip samples were collected from the property -

eight samples were chips across a mineralized quartz vein discovered to be the source of the soil anomaly at that site. Three rock samples from other areas of the property were collected, as well as two soil samples. Rock sample descriptions can be found in Section 2.4 of this report; Appendix D contains the certificate of analysis.

2.0 GEOLOGY & GEOCHEMISTRY

2.1 Regional Geology

The Treasure Mountain area is underlain by tuffaceous and pelitic sediments of the Upper Jurassic Dewdney Creek Group in the west and the conglomerates, sandstones and pelitic sediments of the Lower Cretaceous Paseyten Group towards the east. The Chuwanten Fault separates the two groups (Figure 3). The Dewdney Group is underlain to the west by pelites and volcaniclastic sandstones of Lower and Middle Jurassic Ladner Group. Hozameen Fault separates Devonian Hozameen Group from the Ladner Group to the west.

Structurally the Ladner Group forms the core of a broad north/northwesterly trending syncline and is bounded on the west by north-northwest trending Hozameen Fault system. ultramafic rocks consisting of serpentinite, peridotite, dunite and pyroxenite bodies occur along the Hozameen Fault system.

Stocks and plugs of quartz diorite and granodiorite composition belonging to Cretaceous to Tertiary age intrude all other



formations along the Belt.

Further details on Regional Geology can be referred to in GSC Paper 69-47, and Map No. 12-1969 (Monger, 1969).

2.2 Property Geology

The property is mainly underlain by the northwest trending volcaniclastic conglomerates and sandstones, argillites and tuffs belonging to Upper Jurassic Dewdney Creek Group. The Lower Cretaceous Paseyten Group argillites are exposed in the northeast portion of the property, on the Sky Claim, and Lulu and Vigo crown grants.

Both the Paseyten and Dewdney Creek groups are intruded by intrusive rocks of gabbroic to dioritic composition of Tertiary age. The plutonic body exposed on the Vigo Crown Grant appears to have intruded into the core of the anticline formed by the Paseyten and Dewdney Creek groups.

Regional faulting with east-northeast trends is dominant in the area. The dominant faults, subparallel to the regional trends, are the Treasure Mountain Fault, Ridge Fault, Queen Bess Fault, Indiana Fault and the Sutter Slope Fault. Mapping by Black (1952), suggests a left lateral movement is associated with these faults.

2.3 Mineralization and Alteration

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Mineralization discovered to date on the property consists of sphalerite, argentiferous galena, arsenopyrite, tetrahedrite (freibergite), tennantite, pyrite and pyrrhotite present in quartzcarbonate veins. Minor marcasite, proustite, pyrargyrite, chalcopyrite and stibnite also occurs.

The veins are localized along moderate to steeply dipping eastnortheast trending faults including Treasure Mountain, Queen Bess, Indiana and the Ridge Faults. These veins are on the average 0.6 metres wide, but widen out to 3 metres in places. Most of the veins consist of a central core of massive sulphides with disseminations and veinlets along margins.

Trenching on the Southern No. 8 Claim in 1987 exposed narrow quartz-carbonate veins over a strike length of 120 metres. The average width of the veins is approximately 0.45 metre. The various segments of the vein are named as Vigo Vein, Falls Vein, Lower Creek Vein, Middle Creek Vein and Upper Creek Vein.

The surface exposures of the 'C' Vein on Huldra Silver's Treasure Mountain property were mapped in detail by Mohan Vulimiri, who also logged their diamond drill core. He was partially responsible for the structural interpretation of the mineralized zones on the property as well. Data collected by Mr. Vulimiri suggests the zones occur at the intersection of the Treasure Mountain Fault with

the favourable argillites of the Lower Cretaceous Paseyten Group. It is interesting to note that two mineralized argillite bands were exposed on the property by trenching. The argillite bands are variably mineralized with bands of sphalerite, pyrite, chalcopyrite, marcasite and pyrrhotite. The mineralization described by the previous workers appears to be stratiform. Mr. Vulimiri also observed stratiform mineralization in argillites on Huldra Silver's Treasure Mountain ground.

In 1988, trenching was expanded to cover geochemically and geophysically anomalous areas in the vicinity of the Indiana Shaft and Sutter Adit (Chung, 1989). Two trenches were dug in two areas along the Indiana Fault. The Summit Trench uncovered sporadic pinch and swell type mineralization over the entire exposed length of 315 metres. The Indiana Trench uncovered mineralization for a distance of 75 metres. Both trenches exposed a continuous quartzcarbonate vein mineralized with varying amounts of sphalerite, galena, pyrite, arsenopyrite, pyrrhotite and chalcopyrite, varying in width from a few centimetres to over 3 metres.

Subsequent diamond drilling in the Summit Zone returned significant values, but the assays were lower than those values obtained in the trenches (Chung, 1989).

2.4 Trenching

The 1991 exploration program consisted of hand-trenching areas of

anomalous soil geochemistry as delineated in the 1988 program on the property (Figure 4,5). Three areas of anomalous soil geochemistry were examined; all are along line 102+50E, at stations 1+50N, 2+50N and 3+50N. Table 3 discusses the observations made at each station.

TABLE 3: TRENCHING NOTES

Line 102+50E:1+50N

Bedrock consists of Some outcrop in area. volcaniclastics. Tight host. Two intersecting structures at 042° and 130°. Overburden too deep to hand-trench; requires backhoe. Rock float sample 102+50E:1+50N taken at L102+60E:1+55N - gossanous volcanic - possibly vein Evidence of old trenches in area. Two soil material. samples taken: one at L102+63E:1+50N (red/brown, B/C horizon) and onen at L102+37E:1+50N (brown, B/C horizon).

Line 102+50E:2+50N

Sample 102+50E:2+50N consists of a quartz vein, 6 cm wide, contains sphalerite & minor galena, malachite staining. Orientated at 090/60°N. Volcaniclastic. Requires backhoe for complete trenching, and to search for the possibility of a parallel vein system.

Line 102+50E:3+50N





20 - 30 cm quartz sulphide vein, extremely gossanous, contains sphalerite, orientated at 064/70°S, 8-30 cm gouge material, vein appears to widen to the west, possibility of parallel veins, volcaniclastic host. Samples 102+50E:3+50N #1 - #9 collected from this site. At sample #5, the vein is 10 cm wide, and at sample #8, the vein is 30 cm wide. Possibility vein may widen to the west towards contact with Paseyten Group.

2.5 Geochemistry

Both of the soil samples obtained from the property returned results high in both lead and zinc. Sample L102+63E:1+50N returned 106 ppm Cu, 523 ppm Pb, 2636 ppm Zn and 3611 ppm Mn.

Rock chip samples taken across the vein uncovered by trenching at L102+50E:3+50N returned results high in copper, lead, zinc, silver, gold and stibnite. Sample #5, taken from this vein, returned very promising assays of 21579 ppm Cu, 5816 ppm Pb, 11020 ppm Zn, 581.4 ppm Ag, 2668 ppm Mn and 1561 ppb Au.

The four rock samples collected at other sites returned similar results. Stibnite was high in many of the samples; a signature of mineralization in the area indicating high temperature veins.

3.0 DISCUSSION and RECOMMENDATIONS

Results from the trenching program confirmed a source, in this case

a mineralized gossanous quartz vein, responsible for the soil anomaly at one site. The soil anomaly is quite wide in this flat laying area - a good probability exists for the occurrence of a parallel vein system. Further investigation, by means of trenching, should be implemented to determine the strike length of the vein, to search for areas where the vein may swell to economic widths and to check the area for the existence of a system of parallel vein system.

The property should be mapped in detail. Attention should be paid to the contact with the Paseyten and Dewdney Creek Groups, as this should prove to be a favourable host.

The other two areas in which hand trenching proved to be an unsuitable method of exposing bedrock should be trenched by means of a Kaboda or a backhoe to locate the source of the anomaly. Bedrock uncovered should be sampled and mapped in detail, and other areas of anomalous soil geochemistry should be examined by this method as well.

The trenching program, albeit brief, indicated a direct correlation exists between anomalous soil geochemistry and the presence of mineralized structures in bedrock. The implementation of soil geochemistry as a method to locate mineralization in bedrock must be fully utilized - soil grids should be set up over any areas in the Summit Camp which have escaped exploration by such means in the

past, and the numerous other soil anomalies delineated in the past should be fully examined by trenching.

Respectfully submitted, Kushner B.Sc. Wm.

R.

G. Schellenberg, B.Sc.

STATEMENT OF QUALIFICATIONS

APPENDIX A

STATEMENT OF QUALIFICATIONS

I, WILLIAM R. KUSHNER, of P.O. Box 1, Station 'A', Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

- THAT I am a Geologist in the employment of Coast Mountain Geological Ltd. with offices at 1410-650 West Georgia Street, Vancouver, British Columbia.
- 2. THAT I am a graduate from the University of Alberta with a bachelor of Science degree in Geology (1987).
- 3. THAT my primary employment since graduation has been in the field of mineral exploration.
- 4. THAT this report is based on field work conducted by Coast Mountain Geological Ltd. on the Summit Camp Property during August, 1991, and on information from government publications and reports filed with the Government of British Columbia.
- 5. THAT I did visit the subject property on 28 October, 1991.
- 6. THAT I do not own or expect to receive any interest in the property described herein, nor in any securities of any company rendered in the preparation of this report.

DATED at Vancouver, British Columbia, this 15th day of November,

1991. William R. Kushner, B.Sc.

Geologist

STATEMENT OF QUALIFICATIONS

I, Gary Schellenberg, of Vancouver, British Columbia, DO HEREBY CERTIFY THAT:

- 1. I am a consulting geologist and president of Coast Mountain Geological Ltd. with business office address at Suite 1410, 650 West Georgia Street, Vancouver, British Columbia, V6B 4N9.
- 2. I am a 1981 graduate Geologist from the University of British Columbia with a Bachelor of Science degree.
- 3. I have practiced my profession continuously since graduation.
- 4. I have conducted various mineral exploration programs in B.C., Yukon, Washington and Nevada.
- 5. I worked on the subject property on August 16-18.

Gary Schellenberg, B.Sc. Geologist

Dated at Vancouver, British Columbia, this 15th day of November, 1989.

APPENDIX B

STATEMENT OF EXPENDITURES

PERSONNEL			
Geologist (G. Schellenberg 3 days @ \$350/	J) (dav	1050.00	
Prospectors (C. Huey, J. H	luey)	1000000	
8 mandays @ \$2	225/day	1800.00	2850.00
ASSAYS		154 00	
2 soil samples @ \$9/sample	s Sembre	18.00	172.00
TRANSPORTATION			
4 days @ \$50/day	200.00		41F 0F
615 Km @ \$.35/Km	215.25		415.25
MOB/DE-MOB			
2 days @ \$50/day	100.00		
1300 km @ \$.35/km	455.00		555.00
итслет і анелію			
Supplies and Consumables	41.00		
Food and Accommodation			701 00
11 mandays @ \$60/day	660.00		
	SUE	STOTAL	4693.25
13.5% MANAGEMENT FEE			633.59
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REPORT AND DRAFTING			500.00
7% G.S.T.			407.88
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APPENDIX C REFERENCES

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Monger, J.W.H., (1969): Geology of the Hope Map Area (West Half) Geological Survey of Canada, Paper 69-47, Map 12-1969.

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APPENDIX D

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CERTIFICATE OF ANALYSIS

NOTE :

Rock sample 'RE 102+50E:3+50N #7' from the assay sheets is a duplicate sample, as is sample 'RE 102+37E:1+50N' from the soil assay sheets.

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102+50E 3+50N #2 102+50E 3+50N #3 102+50E 3+50N #4 102+50E 3+50N #5	1 1 1 1	21579 15516 4864 28087	5816 984 982 1496	11020 1131 631 1591	581.4 336.6 337.5 370.3	6 4 6 4	16 9 8 7	2668 1935 2135 2193 1725	23.11 25.25 16.51 30.94	63 106 14 69	55555	2 ND ND ND	1 1 1 1	3 1 1 1	94.8 4 2 5 9 3 8	848 869 390 1682 1054	118 83 63 173 94	68 51 68 52 65	.04 .01 .01 .01 .01	.025 .027 .029 .041 .028	2 2 2 2 2 2	17 13 18 11 20	.99 .47 .64 .39 .49	25 13 9 7 10	.01 .01 .01 .01 .01	2 3 2 1 3 2 2 1 2 2	13 1.89 2.37 1.80 2.03	.01 .01 .01 .01 .01	.09 .03 .04 .03 .04	1 20 20 37	1561 890 190 410 222	 1 12:16
102+50E 3+50N #6 102+50E 3+50N #7 102+50E 3+50N #8 102+50E 3+50N #9 102+50E 3+25N	1 1	9494 7682 15374 6393	1880 1988 3201 984	786 824 1666 687	567.3 508.0 379.7 334.1	53274	8 7 9 10 8	1705 1384 1612 2643 1716	23.05 24.67 29.30 18.46 23.63	38	55555	ND ND ND ND ND	1 1 1 1	1 1 2 1 1	2.4 2.8	702 2212 4786 427 706	69 141 232 44 76	67 64 66 80 68	.01 .01 .02 .01 .01	.031 .048 .060 .026 .030	22222	11 10 18 28 11	.45 .35 .42 .74 .45	13 12 16 10 13	.01 .01 .01 .01	4 2 2 2 2 2 2 2	2.17 1.73 2.05 2.72 2.18	.01 .01 .01 .01 .01	.06 .06 .05 .07	12222	291 346 533 182 250	FROM A
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02+37E 1+50N 02+63E 1+50N © 102+37E 1+50N	1	36 106 32	541 523 546	1028 2636 1101	337	19 34 19	11 29 12	531 3611 636	5.64 4.34 5.72	85 99 88	5 5 5	ND ND ND	1 1 1	28 33 29	New	7 7 2	2 2 2	80 58 81	.60 .70 .61	043 113 .048	5 11 6	48 57 50	.49 .78 .51	69 92 57	-10 -06 -11	3 4.1 5 3.9 3 4.2	0.0 8.0 5.0)3)2 4	.04 1 .06 .04 1	6 10 4	.991 12 -
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ample type: SOIL. Samples beginning 'RE' are duplicate samples.

APPENDIX E

SAMPLING and ASSAY PROCEDURES

TRENCHING, SAMPLING and ROCK CHIP PREPARATION

Trenching was done by hand; mattocks were used to strip away the cover over the bedrock. The exposed vein was swept clean, and chip samples approximately 30 cm long were taken across the structure using hammers and chisels. All rock samples were taken from bedrock. The rock chips were collected in plastic bags and sent to Acme Labs Ltd. of Vancouver, B.C., for analysis. The rock chip samples were crushed to 3/16 of an inch. A 250 gram specimen was split out and pulverized to 99% minus 100 mesh using a ring mill pulverizer.

SOIL SAMPLING and PREPARATION

The soil samples were collected from the 'B' soil horizon, approximately 10 - 15 centimetres deep, using a mattock. The samples were collected in kraft gusseted paper bags and also sent to Acme Labs Ltd. for analysis. At Acme, the samples were oven dried at 60° C and sieved to minus 80 mesh.

ICP ANALYSIS

A 0.50 gram sample of the prepared pulp is digested with 3 millilitres of 3:1:2 HCl-HNO3-H2O at 95°C for one hour, diluted to 10 millilitres with water, and then analyzed for 30 elements.

GOLD ANALYSIS (Fire Geochem)

10 grams of pulp is ignited at 600°C for 4 hours and fused with F.A. flux. The dore bead is dissolved in aqua regia and analyzed by ICP.

GOLD ANALYSIS (AA)

A 10 gram sample is ignited at 600°C for 4 hours and digested with aqua regia at 95°C on the water bath for one hour. 50 millilitres aliquot is extracted into 10 millilitres of MIBK and analyzed by graphite furnace AA.