ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED
CONSULTING GEOLOGICAL ENGINEERS

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091879

REPORT on

PROSPECTING

and

ECONOMIC POTENTIAL

of the

SILVER AND QUEST CLAIMS

for

SILVERQUEST RESOURCES LTD.

NTS 115P/15

Latitude 63°46'; Longitude 136°45'

Quest 1-21 Fr; Silver 1-24

Mayo Mining District

R.C. Carne, M.Sc.

September, 1986

Work done between July 3 and 9, 1986

091879

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 8175.00 .

D D Emond

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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SUMMARY AND RECOMMENDATIONS

High grade silver-gold vein float mineralization was discovered in the May Creek area in 1985 by Archer, Cathro & Associates (1981) Limited during follow-up of silver soil geochemical anomalies released in assessment reports filed by Cortin Project (CCH Resources Ltd., Inco and Billiton Exploration Canada Limited) who explored the area for tin and tungsten in 1979-1981. The Quest 1-4 claims were staked the same day to cover the float occurrence, while the Quest 5-20 and Silver 1-24 claims were located in the spring of 1986 to protect other nearby anomalies. These claims were sold to Silverquest Resources Ltd. in 1986. The Quest 21 Fr was staked for Silverquest in July, 1986 to cover a fraction discovered through a field survey.

A two-man prospecting team sampled frost-heaved and talus occurrences of oxidized sulphide vein float during July, 1986. Patchy, discontinuous silver and lead soil geochemical anomalies on the Silver claim group reflect widespread occurrences of manganese-rich limonite cavity fillings in drusy cockscomb quartz veins up to 3 cm wide. Most appear to be associated with NNE-trending fracture and shear zones in both metasedimentary country rocks and altered Cretaceous quartz monzonite. Gold values of most samples are anomalous (up to 2600 ppb Au), silver values are moderately high (up to 5.7 oz/ton Ag), and lead values are generally less than 1%, while zinc content usually exceeds 1%. Silver-lead ratios (oz/ton Ag:% Pb) vary between 0.5:1 and 3:1, averaging 1:1. The veins appear to be too narrow and low grade to merit further exploration.

Two silver soil geochemical anomalies on the Quest claim group received detailed prospecting. A large area of highly anomalous silver-zinc response with patchy, discontinuous lead anomalies occurs along the east side of the Quest property in an area underlain by metasedimentary rocks. Several pieces of sulphide-bearing vein float were located in frost boils on the grassy hillside. A sample taken in 1985 from a 30x15x15 cm boulder of galena and sphalerite in quartz vein material assayed 0.23 oz/ton Au, 158.2 oz/ton Ag and 6.7% Pb. A small piece of fine-grained galena and limonite located in 1986 contained 784 ppb Au, 54.5 oz/ton Ag and 5.3 % Pb with greater than 1% Zn. A 4 cm wide fragment of sulphide-bearing quartz vein located nearby returned 1150 ppb Au, 23.3 oz/ton Ag and 0.1% Pb. The geochemical anomaly and float dispersion train are immediately downslope of a northerly-trending topographic linear. This feature is quite likely the surface expression of a mineralized vein-fault with an indicated strike length of at least 1200 m.

A 300 m long silver-lead soil geochemical anomaly was outlined by Cortin Project detailed soil sampling over a small area of grassy hillside on the western part of the Quest property. Follow-up soil sampling in 1986 confirmed the anomaly with values up to 1800 ppb Au, 90 ppm Ag and 574 ppm Pb. A 75 m long composite sample of manganese-rich limonite float material taken from frost boils along the east-west trend of the Cortin Project anomaly returned an average grade of 95.5 oz/ton Ag and 2.3 % Pb. Two specimens of similar material located along strike 700 m east of the sampled area returned values of 80.3 oz/ton Ag and 5.5 % Pb and 70.6 oz/ton Ag and 2.6 % Pb.

Silver-lead ratios of vein-float mineralization from the Quest claims are unusually high, varying from 10:1 to 600:1, averaging 100:1.

Results of 1979-81 grid soil sampling (which covered less than 10% of the present claim area) and 1986 detailed prospecting on the Quest property have indicated the presence of mineralized vein-faults with an aggregate strike length of up to 2 km. Sulphide-bearing quartz vein float located downslope of the projected trace of the structures is well mineralized and has unusually high silver-lead ratios. A program of detailed soil sampling to cover the entire claim group, with additional prospecting to direct hand trenching, is warranted. The following budget is recommended:

Labour	$ 44,000
Assaying	34,000
Field Costs, Travel	25,000
Helicopter	15,000
Office Costs	10,000
Consulting Fees	10,000
Contingency	12,000
	$150,000

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

R.C. Carne.

/mc

INTRODUCTION

From July 3 to 9, 1986 Archer, Cathro & Associates (1981) Limited conducted a prospecting and rock sampling program at the Silver and Quest claims on behalf of Silverquest Resources Ltd. The program was designed to evaluate the precious metal potential of vein float occurrences discovered in 1985. A total of 123 rock samples and 12 soil samples were analyzed for gold and 30 additional elements including silver and lead. Analyses were carried out by Chemex Labs Ltd., 212 Brooksbank Ave., North Vancouver, B.C. All samples were routinely analyzed by Induced Coupled Plasma (ICP) technique with Fire Assay follow-up for silver values greater than 200 ppm and lead values greater than 1%.

The crew consisted of geologist R. Carne and prospector B. Wengzynowski.

PROPERTY, LOCATION AND ACCESS

The Quest property consists of 20 full-sized mineral claims and 1 fractional mineral claim. The Silver property consists of 24 full-sized mineral claims. All claims are currently registered in the name of Silverquest Resources Ltd. in the Mayo Mining District as follows:

Claim Name	Grant Numbers	Expiry Date
Quest 1-4	YA77756-YA77759	9 February, 1988
Quest 5-20	YA83039-YA83046	12 March, 1987
Quest 21 Fr*	YA83185	16 July, 1987
Silver 1-24	YA83015-YA83038	12 March, 1987

* The Quest 21 Fr claim was recorded after completion of the 1986 work program.

The properties are located on East Ridge, about 7 km west of the McQuesten River between Forty Mile Creek and Boulder Creek, a distance of 45 km west-northwest of Mayo. The Quest claim group is located at latitude 63°46' and longitude 136°46'. The Silver property lies about 3 km to the northeast at latitude 63°47' and longitude 136°45'. Location of the properties is shown on the following pages at 1:250,000 and 1:50,000 scale on Figures 1 and 2. Individual claim locations are shown on Figure 3 in the pocket.

The nearest road suitable for two-wheel drive vehicles is the 35 km long Conservative Trail which leaves the Mayo-Elsa Road (Highway 2) about 20 km north of Mayo and terminates at the east bank of the McQuesten River. A winter bulldozer trail extends 15 km from the McQuesten River crossing to the Silver and Quest claims.

Personnel and field equipment for the 1986 program were mobilized from Mayo with a Trans North Air Ltd. Bell 206B helicopter.

HISTORY

In 1922 prospectors N. Niddery and G. Ortell drove a short adit on a silver-lead showing east of the Quest claims on the east side of May Creek. The claims were restaked a number of times and explored by several groups which conducted geochemical surveys and trenching. The area along the northeast edge of the Quest claim group and immediately south of the Silver block was explored for copper and zinc by Zulco Exploration Limited in 1962 and 1963 and by Quintana Minerals in 1971 and 1972. The area was restaked as

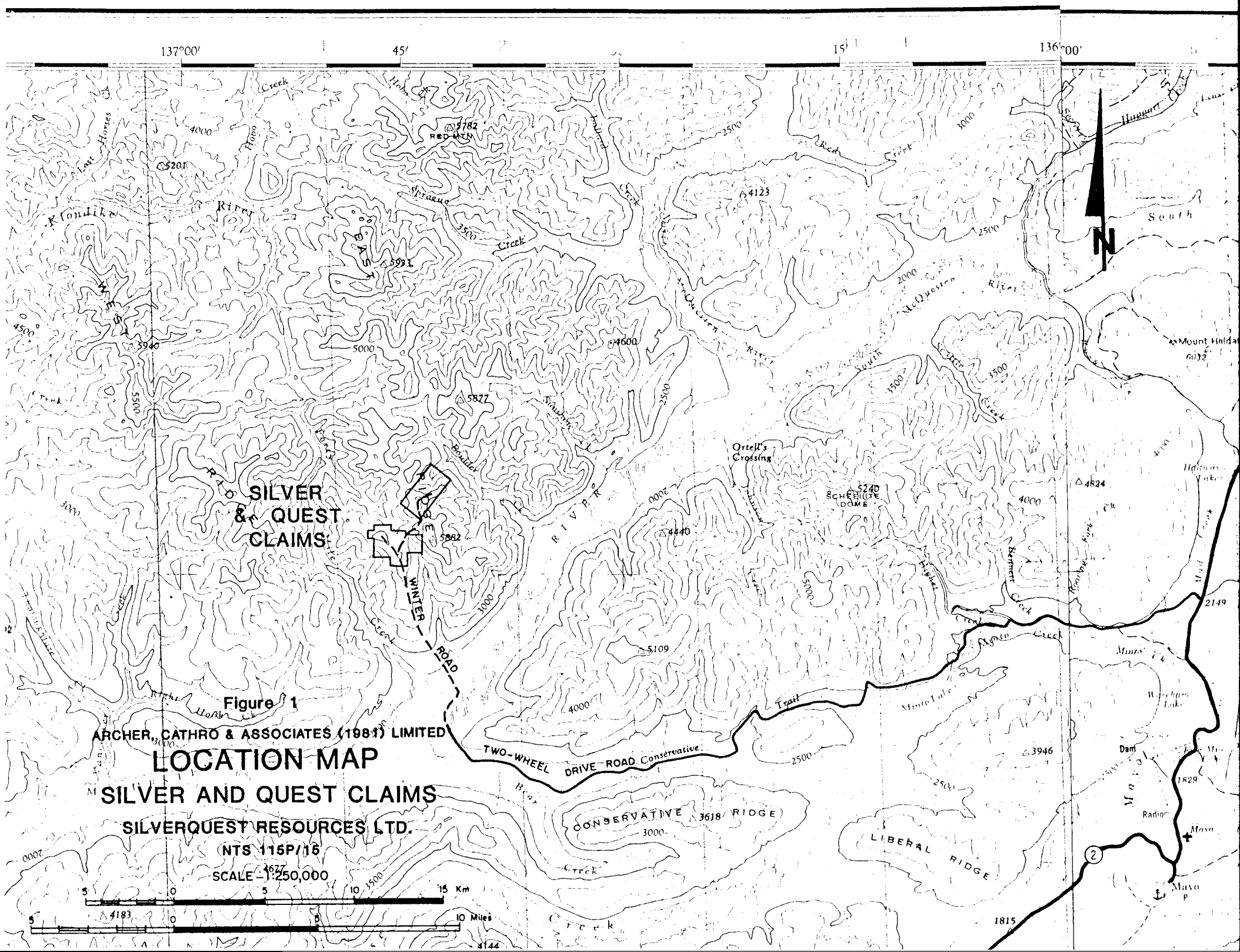


Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

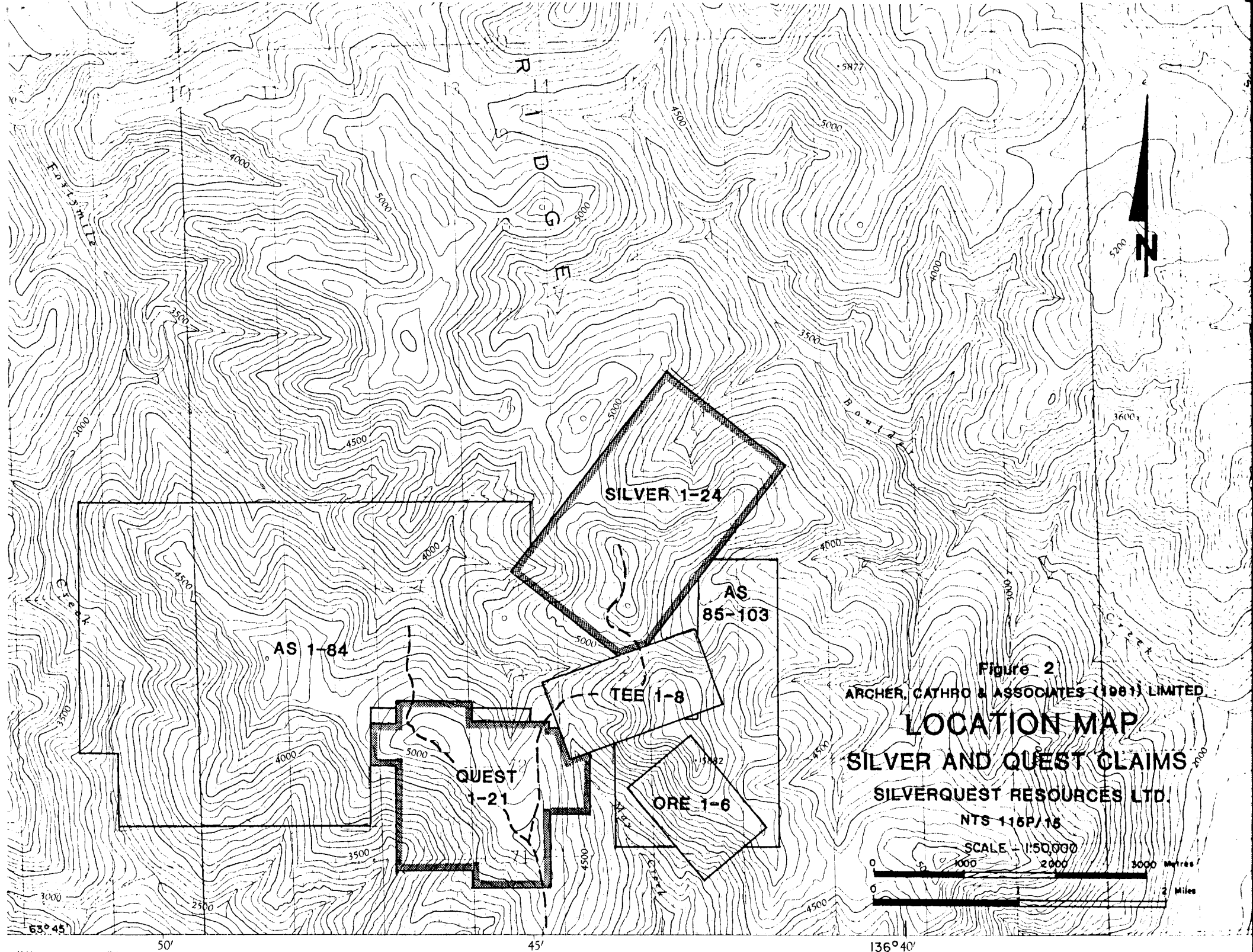
LOCATION MAP

SILVER AND QUEST CLAIMS

SILVERQUEST RESOURCES LTD.

NTS 115P/15

SCALE – 1:250,000


SILVER 1-24
AS 85-103
AS 1-84
TEE 1-8
QUEST 1-21
ORE 1-6
RIDGE
Fortymile
Boundary
Creek
N
Figure 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LOCATION MAP
SILVER AND QUEST CLAIMS
SILVERQUEST RESOURCES LTD.
NTS 116P/16
SCALE - 1:50,000
0 1000 2000 3000 Metres
0 1 2 Miles
63°45'
50'
45'
136°40'

the Tee claims by A. Triggs in 1976 who conducted hand trenching in 1977. He sold the property to CCH Resources Limited in 1978 which performed mapping and geochem sampling in 1979-1981 with Inco and Billiton Exploration Canada Limited (Cortin Project). Cortin Project simultaneously carried out reconnaissance-scale exploration for tin and tungsten on a large block of claims which included the area of the present Silver and Quest properties.

Silver mineralization was discovered on the Quest claims by Archer, Cathro & Associates (1981) Limited in 1985 during follow-up of Cortin Project geochemical anomalies which became public knowledge after the claims expired and assessment reports were released. The silver anomalies were subsequently staked by Archer, Cathro as the Quest and Silver claims and sold to Silverquest Resources Limited in 1986.

PHYSIOGRAPHY

The Silver and Quest claim groups lie at the south end of East Ridge, one of the southernmost foothills of the Ogilvie Mountain Range. Elevations locally range from 3400 feet (1035 m) to greater than 5600 feet (1700 m). The area lies above the limits of the last valley glaciation so that overburden on most parts of the property is thin and soils are locally derived. Most areas on the properties lie above treeline with only scattered spruce thickets and discontinuous deciduous undergrowth between 3400 feet (1035 m) and 4700 feet (1430 m).

GEOLOGY

The claim blocks are underlain by weakly metamorphosed sedimentary rocks provisionally assigned an Upper Proterozoic to Lower Cambrian age by the GSC.

The most extensive metasedimentary unit is a monotonous succession of gritty quartzose phyllite and quartzite interbedded with lesser calcareous phyllite and limestone (Unit Hlqp). These are succeeded along the northwest part of the Silver property by calcareous and non-calcareous phyllite, quartzite and limestone (Unit Hlcp). A lens of distinctive massive-bedded, white quartzite (Unit Hlq) occurs in Unit Hlqp near the contact with Unit Hlcp.

The metasedimentary sequence is intruded by dykes and stocks of Cretaceous(?) medium-grained biotite-clinopyroxene quartz monzonite (Kqm) and medium to coarse-grained two-mica granite (Kg). The granite commonly contains zircon, tourmaline and fluorite as accessory minerals. Contact and age relationships between the two granitic units are uncertain. Widely scattered quartz-feldspar porphyry dykes (not mapped) cut all units.

MINERALIZATION

Cortin Project geologists recognized four distinct regional styles of mineralization:

i) tin-bearing, zinc-, copper- and boron-rich actinolite skarn zones adjacent to quartz monzonite bodies (Kqm);

ii) argentiferous galena in breccia veins adjacent to quartz monzonite (Kqm);

iii) tin-bearing, arsenic- and boron-rich breccia veins associated with granitic bodies (Kg); and,

iv) copper with minor lead mineralization in breccia veins near the periphery of granitic stocks (Kg).

Silver and gold-bearing quartz-sulphide vein float discovered in 1986 was not known to Cortin Project geologists.

The Silverquest Resources Ltd. 1986 exploration concentrated on prospecting follow-up of Cortin Project soil geochemical anomalies in four areas (Figure 3).

1) Irregular, discontinuous areas of anomalous Ag-Cu-Pb-Zn soil response occur on the Tee claims, currently held by CCH Resources Ltd. for the Cortin Project. Silver values in soils reach a maximum of 12.3 ppm. The geochemical anomalies occur peripheral to a small quartz monzonite (Kqm) stock where Cortin Project geologists located minor sphalerite, chalcopyrite and cassiterite mineralization in actinolite skarns. Samples of mineralized skarn taken in 1986, however, contain only minor Au-Ag-Pb values. Five samples of manganese-stained cockscomb quartz breccia and quartz vein float material taken from a cat road just north of the soil geochemical anomalies returned anomalous but subeconomic values of Au, Ag, Pb and Zn (samples P26109-P26113 - see Appendix I, p.5).

2) Patchy Ag-Zn soil geochemical anomalies are present in the west and central parts of the Silver claims. Silver values in soil range up to 85 ppm. Prospecting in 1986 discovered widespread float occurrences of Mn-rich limonite cavity fillings in drusy cockscomb quartz veins up to 3 cm wide. Most appear to be associated with NNE-trending fracture and shear zones in both metasedimentary country rocks (Hlqp) and altered quartz monzonite (Kqm). Granite (Kg) bodies on the Silver property are unaltered and are not apparently mineralized. Gold values of most rock samples are anomalous (up to 2660 ppb Au), silver values are moderately high (up to 5.7 oz/ton Ag) and lead values are generally less than 1%, while zinc response commonly exceeds the ICP analytical limit of 1% (see Appendix I, p.2-4).

3) A large area of soil samples with anomalous Ag-Zn values and discontinuous, weakly anomalous Pb response occurs on the east side of the Quest claims. Cortin Project excavated a 30 m long hand trench at the uphill end of a highly anomalous sequence of samples. This trench failed to intersect mineralization after penetrating greater than one metre of overburden. A. Archer discovered mineralized vein float uphill from the trench in 1985, suggesting that it was dug too low on the hillside, and a sample from a 30x15x15 cm boulder of sulphide-bearing quartz vein returned values of 0.23 oz/ton Au, 158.2 oz/ton Ag and 6.7% Pb. Prospecting in 1986 located several other mineralized float specimens in frost boils on the grass-covered hillside. One sample of fine-grained galena and limonite assayed 784 ppb Au, 54.5 oz/ton Ag and 5.3% Pb and greater than 1% Zn. A 4 cm wide fragment of sulphide-bearing quartz vein material assayed 1150 ppb Au, 23.3 oz/ton Ag and 0.1% Pb. All three samples contained greater than 1% As.

The multi-element geochemical anomaly and associated mineralized float are downslope of a prominent northerly-trending topographic linear. This feature may be the surface expression of a mineralized vein-fault with an indicated strike length of at least 1.2 km. The geochemical anomalies follow the trend of the topographic linear off the south end of the Quest claims in an unsampled and unprospected area (Figure 5).

4) A 300 m long Ag-Pb soil geochemical anomaly was outlined with a detailed soil sampling grid by Cortin in 1981. Silver values in soil exceeded 30 ppm. Follow-up soil sampling by Silverquest in 1986 confirmed the anomaly with values in soils up to 1800 ppb Au, 90.0 ppm Ag and 575 ppm Pb. Three consecutive 25 m composite samples of manganese-rich limonite float taken from frost boils along the east-west trend of the Cortin Project anomaly returned values of 15 ppb Au, 119.9 oz/ton Ag and 0.02% Pb; 36 ppb Au, 75.4 oz/ton Ag and 2.1% Pb; and 57 ppb Au, 91.3 oz/ton Ag and 4.6% Pb.

Two specimens of Mn-rich limonite vein material were collected 700 m east of and along strike of the Cortin geochemical anomaly. One of these returned values of 8 ppb Au, 80.3 oz/ton Ag and 5.5% Pb with greater than 1% Zn. Another assayed 648 ppb Au, 70.6 oz/ton Ag, 2.6% Pb and greater than 1% Zn.

Silver-lead ratios (oz/ton Ag:% Pb) of vein-float mineralization from the Quest claims vary from 10:1 to 600:1 averaging 100:1.

SILVER CLAIMS

QUEST CLAIMS

MAY CREEK

1986 CAMP

136°45'

63°46'

LOCATION MAP

SCALE - 1:2,000,000

SILVER AND QUEST CLAIMS

Dawson

Klondike

Stewart

Mayo

Pelly

Minto

Carmacks

Whitehorse

Beaver Creek

ALASKA

YUKON

RIVER

- 1986 soil sample location
- 1986 rock sample location
- Claim post located and tagged
- Claim post not located and tagged

Figure 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE AND CLAIM LOCATIONS

SILVER AND QUEST CLAIMS

SILVERQUEST RESOURCES LTD.

NTS 115P/15

SCALE 1:5000

091879

To accompany report dated October, 1986

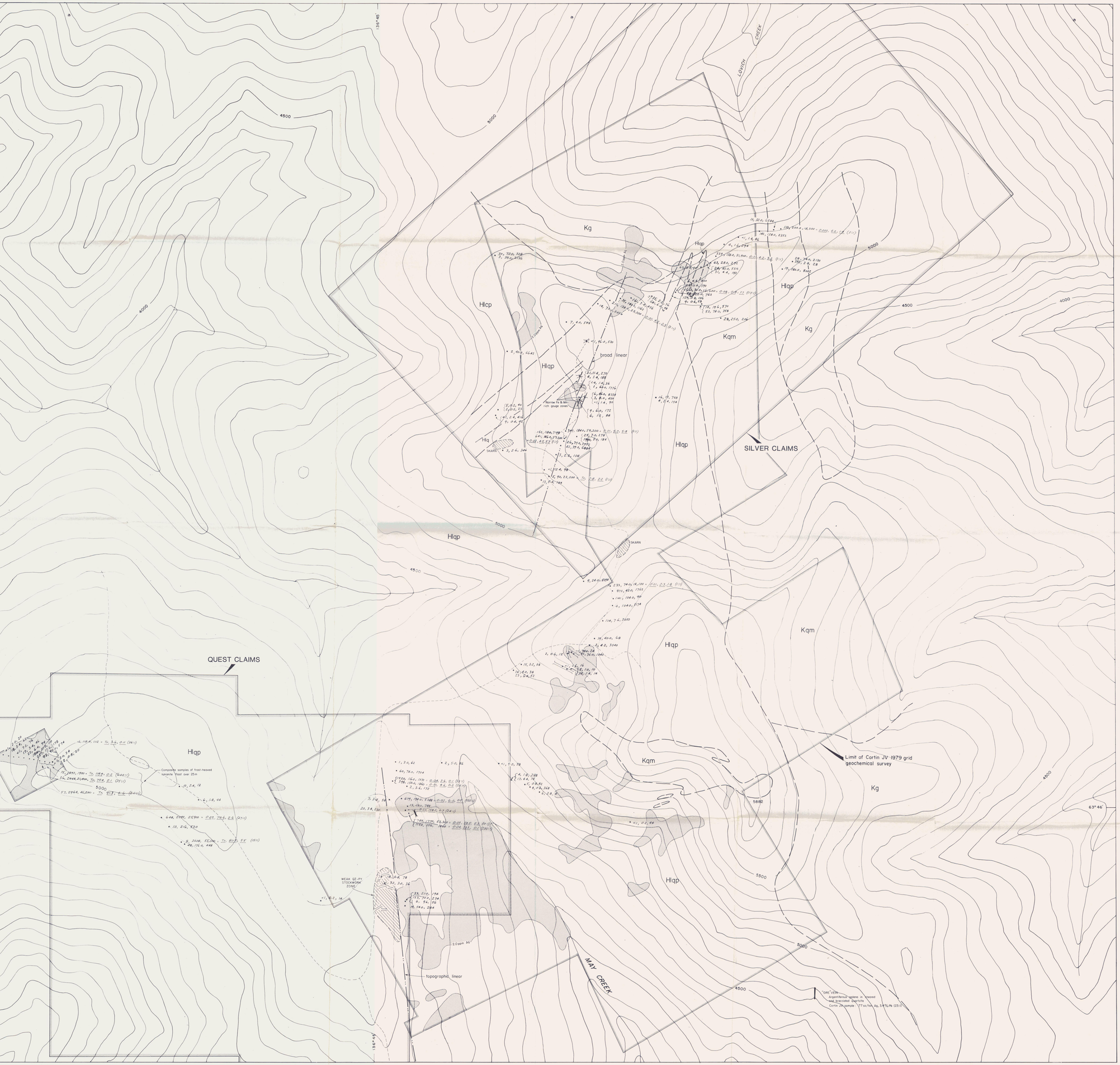


TABLE OF FORMATIONS

Cretaceous

Kg	medium to coarse-grained two-mica granite; zircon, tourmaline and fluorite common as accessory minerals
Kqm	medium-grained biotite-clinopyroxene quartz monzonite

Hadrynian to Lower Cambrian

Hlcp	calcareous and non-calcareous phyllite, lesser quartzite and limestone
Hlqp	gritty quartzose phyllite and quartzite, lesser calcareous phyllite and limestone
Hlq	white massive quartzite

Compiled from mapping by Cortin JV 1977-1979 and by R Corne 1986

LEGEND

- rock sample location - ppb Au, ppm Ag, ppm Pb
- oz/ton Au, oz/ton Ag, % Pb
- Ag(oz/ton) : Pb (%) ratios in brackets
- geological contact, approximate
- topographic linear
- limit of Cortin JV 1979 geochem grid
- Cortin JV 1979 Ag soil anomaly (≥2.0 ppm)
- old bulldozer trench
- old hand trench

Figure 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOLOGY AND Au, Ag, Pb GEOCHEMISTRY

SILVER AND QUEST CLAIMS

SILVERQUEST RESOURCES LTD.

NTS 115P/15

SCALE 1:5000

100 0 50 100 200 300 400 Metres

400 0 50 100 200 300 400 Yards

091879

To accompany report dated October, 1986

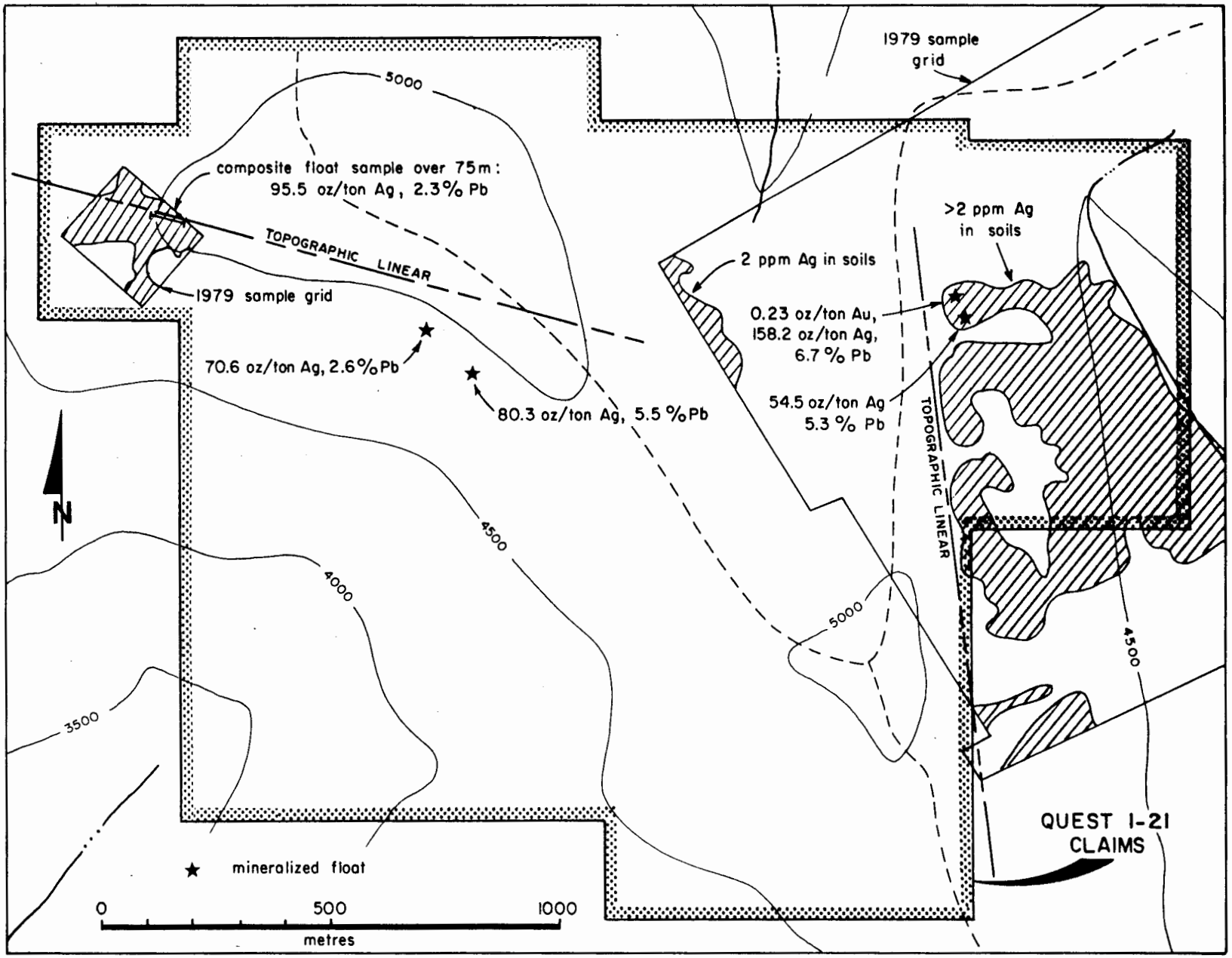


Figure 5 : Summary sketch, Quest Property

APPENDIX I

ROCK SAMPLES WITH DESCRIPTIONS

ROCK SAMPLES WITH DESCRIPTIONS

SAMPLE NO.	DESCRIPTION	Au ppb	Ag oz/ton	Pb %	Ag:Pb* oz/ton:%	Misc
QUEST 1-21F CLAIMS						
EAST QUEST CLAIMS						
Samples taken downslope of north-trending linear near ridge crest						
651A (1985)	Massive GN & SL in 30x15x15 cm QZ VEN boulder	0.228 o/t	158.2	6.7	24:1	7.7% As
P26151	MN-stained QZTE w QZ STK veinlets	60	2.3	0.2		
152	MN-stained QZTE w QZ STK veinlets	1220	3.6	0.1	33:1	
153	LI BXW fragments, same location as 152	398	4.6	0.2	26:1	
P26165	fg GN & LI	784	54.5	5.3	10:1	>1%As, >1%Zn
166	AP in >4 cm wide QZ VEN	1150	23.3	0.1	233:1	>1%As, >1%Zn
167	MN & LI in vuggy QZ VEN, grey QZ, 3cmx4cmx3cm fragment	13	1.5	0.1		
168	MN-rich LI	19	1.7	Tr**		
169	LI	33	0.6	Tr		
170	MN-rich 1 cm rib on slightly yellowish QZ VEN	153	2.1	Tr		
171	QZ VEN from 170	6	0.3	Tr		
172	LI & MN, <1 cm pieces	679	6.0	0.5	103:1	>1% As
173	Yellowish LI-rich SHST BRX	1	0.09	Tr		
P27096	MN-stained QZ VEN, float common	2	0.1	Tr		
98	rusty, drusy QZ VEN float	7	0.1	Tr		
100	PY in rusty MN-stained QZ VEN	20	0.1	Tr		
CENTRAL QUEST CLAIMS						
P23146	MN-stained QZTE cut by rusty QZ VEN's	6	0.05	Tr		
147	MN-stained QZTE cut by rusty QZ VEN's	10	0.07	Tr		
148	greenish, MN-stained QZ VEN & QZTE	<1	Tr***	Tr		
P26154	coarse diss PY in QZTE	18	0.2	Tr		
155	4-8 mm wide LI-rich QZ VEN cutting SE-PHYL, no MN stain	32	0.09	Tr		
156	1-2 cm wide MN & LI-rich QZ VEN cutting QZTE	48	5.4	0.04	135:1	>1% Zn
157	oxidized VEN material MN-LI-QZ, largest 2 cm across	8	80.3	5.5	15:1	>1% Zn
158	oxidized VEN material MN-LI-QZ, largest 2 cm across	10	6.7	0.05	134:1	
159	MN-LI vein in QZTE	648	70.6	2.6	27:1	

* Ag:Pb calculated for Ag >2.5 oz/ton ** Tr = <0.1% Pb *** Tr = <1 ppm Ag

SAMPLE NO.	DESCRIPTION	Au ppb	Ag oz/ton	Pb %	Ag:Pb oz/ton:%	Misc
WEST QUEST CLAIMS						
P26160	frost-heaved chips of MN-rich LI between '177 & '178 soils	57	91.3	4.6	20:1	>1% Zn
161	chips of barren-looking white QZ VEN @ '178	27	2.6	0.1	26:1	
162	frost-heaved chips of MN-rich LI between '178 & '179 soils	36	75.4	2.1	36:1	>1% Zn
163	frost-heaved chips of MN-rich LI between '179 & '180 soils	15	119.9	0.2	600:1	>1% Zn
164	frost-heaved chips of QZ VEN w LI & MN between '179 & '180 soils	16	3.6	0.1	36:1	
SILVER 1-24 CL - see map for sample locations						
P26114	dark brown mineral, coarse diss in QZTE - H = 4) - brown streak) SL(?) - good planar clvg)	25	0.2	Tr		>1% Zn
115	coarse PY, AP in 1.5 cm QZ VEN	1990	0.2	Tr		>1% As
116	40 cm which MN-rich LI VEN trending 050 , chip across width	9	0.2	Tr		
117	2 m wide STK of MN-rich veinlets w diss SL(?) in QZTE - random chip over 1 m2 - STK zone only explored for 2 m before end of cat trench, appears to be a marginal zone in one wall of VEN	6	0.04	Tr		
118	MN-rich LI from narrow NE-trending VEN	6	2.6	0.8	3:1	>1% Zn
119	sugary QZ VEN w LI, MN & scorodite(?) stain	3	0.2	Tr		
120	MN-stained 25 cm QZ VEN trending 050	<1	0.04	Tr		
121	sugary QZ VEN w SL?, change along strike over several m to '122	24	0.04	Tr		
122	MN-rich LI in QZ ~ 60 cm wide, trending 040	1	1.8	0.2		>1% Zn
123	brown FLT gouge adjacent to MN-rich BRX ('124) 1 m wide, trending 040	21	0.4	Tr		
124	MN-rich BRX	4	0.04	Tr		
125	MN-stained LI <1 cm wide	309	5.7	5.9	1:1	>1% Zn
126	silicified BRX	162	3.6	0.7	5:1	
127	silicified BRX w GN, SL, PY	641	4.5	5.7	1:1	

SAMPLE NO.	DESCRIPTION	Au ppb	Ag oz/ton	Pb %	Ag:Pb oz/ton:%	Misc
P26128	MN-rich LI in QZ-rich BRX, pieces up to 15 cm across, large area of float	26	1.2	0.4		
P26189	MN-rich LI in QZ-rich BRX	42	1.2	0.7		
190	MN-rich LI	3	0.07	Tr		
191	MN-rich LI	<1	0.4	Tr		
192	MN-rich LI	13	0.2	Tr		
P26130	diss PY, AP in QZTE	16	0.4	Tr		
131	fg QZTE w vfg diss PY, CP, AP	4	0.07	Tr		
132	QZ VEN adjacent to BI-QZMZ, strong MN stain, weaker LI	6	0.1	Tr		
133	QZ VEN adjacent to BI-QZMZ, strong MN stain, weaker LI (sugary texture)	29	0.4	Tr		>1% Zn
134	porous QZ-CE(?) VEN, cockscomb QZ	2660	0.9	1.7	0.5:1	
135	small pieces very common, MN-rich LI VEN material	98	0.7	Tr		
136	BI-QZMZ, silicified, tr vfg diss PY, CP, AP	129	0.03	Tr		
137	BI-QZMZ, silicified, tr vfg diss PY	9	0.02	Tr		
138	rusty MN-rich QZ VEN (5 cm)	67	0.3	Tr		
139	vuggy QZ VEN with sulfosalt(?)	444	0.8	0.6		>1% Zn
140	MN-rich LI, 3 cm wide	284	4.8	10.0	0.5:1	>1% Zn
141	MN-rich LI, <3 cm wide	339	4.2	3.2	1:1	>1% Zn
142	MN-rich LI in cockscomb QZ <4 cm (composite sample)	24	1.3	0.5		>1% Zn
143	MN-stained QZ VEN, drusy	31	0.1	Tr		>1% Zn
144	MN-rich LI in cockscomb QZ <4 cm (composite sample) - probably narrow zones in altered QZMZ	63	0.9	Tr		>1% Zn
145	<1 cm drusy QZ VEN w MN-rich LI	4	0.05	Tr		
146	drusy 4 cm QZ VEN w MN & LI	<1	0.04	Tr		
147	MN-rich LI	142	4.2	0.2	21:1	>1% Zn
148	MN-stained QZ VEN	10	1.0	0.7		
149	MN-rich LI (~3 cm wide)	110	6.1	1.8	3:1	>1% Zn
P26051	MN-stained drusy QZ VEN	28	2.3	0.2		
052	heavily diss PY in QZTE	392	0.09	Tr		>1% Zn
053	MN-rich LI, <3 cm across	19	5.5	0.8	7:1	>1% Zn
054	MN-stained drusy QZ VEN ~ 2 cm	28	0.8	Tr		>1% Zn
055	LI >MN-stained drusy QZ VEN ~3 cm	12	0.6	Tr		
056	MN-rich QZ VEN	53	2.4	Tr		>1% Zn

SAMPLE NO.	DESCRIPTION	Au ppb	Ag oz/ton	Pb %	Ag:Pb oz/ton:%	Misc
P26057	MN & LI in QZ-rich BRX	35	0.07	Tr		
058	PY in silicified BRX	681	0.2	Tr		
059	massive MN-rich LI, 6 cm across	161	0.2	Tr		>1% Zn
060	LI >MN, ~2 cm	35	4.4	0.1	44:1	>1% Zn
061	LI >MN, ~2 cm	211	4.2	2.3	2:1	>1% Zn
062	MN & LI in 1.5 cm QZ VEN	14	2.1	0.2		>1% Zn
063	heavily MN-stained silicified QZTE BRX	7	0.1	Tr		
064	MN-stained LI, <3 cm	5	2.8	2.2	1:1	>1% Zn
065	thin (<0.5 cm) drusy LI & MN-stained QZ VEN in QZTE --- isolated occurrence	3	0.08	Tr		
066	MN-stained QZTE BRX	<1	0.07	Tr		
067	LI-rich, MN-stained QZTE BRX	9	0.01	Tr		
068	LI-rich, MN-stained QZTE BRX (silicified)	5	Tr	Tr		
069	LI-rich, MN-stained QZTE BRX (silicified)	2	Tr	Tr		
070	narrow (1 cm) drusy QZ VEN w MN-rich LI cavity-filling	2	1.2	0.7		
071	pale LI in silicified PHYL BRX	30	2.2	Tr		
P26072	MN-rich LI, <3 cm wide	3	1.7	0.2		>1% Zn
073	cat trench: PHYL w narrow MN-rich QZ VEN, FRX zone - veins < 1 cm wide - sample of QZ VEN material only	<1	3.0	0.05	60:1	>1% Zn
CCH TEE CLAIMS						
P26174	PY, AP(?) & fg CP in rusty skarnified QZTE	14	0.1	Tr		
175	coarse euhedral PY in calcareous QZTE, MN-stained	23	0.2	Tr		>1% As
176	vfg PY w tr AP, CP in skarnified QZTE	15	0.1	Tr		
Lower Trench						
P26101	coarse, irregular PY diss in QZTE	5	0.03	Tr		
102	vfg PY, tr AP, CP in QZTE	<1	0.05	Tr		
103	SL & CP in BI-HFLS	34	0.04	Tr		0.8% Zn

SAMPLE NO.	DESCRIPTION	Au ppb	Ag oz/ton	Pb %	Ag:Pb oz/ton:%	Misc
Middle Trench						
P26104	MG-rich SKRN	2	0.02	Tr		
Upper Trench						
P26105	PY-rich HFLS	75	2.3	Tr		>1%Cu,>1% Zn
106	PY, CP in skarnified QZTE	92	2.3	0.1		0.8% Cu
107	MN-LI in cockscomb QZ VEN	2	0.1	0.3		
P26108	skarnified QZTE w diss PY, tr CP, GN, SL(?)	39	1.2	Tr		>1% Zn
109	1-2 cm LI-MN rich cockscomb QZ VEN	108	0.2	0.3		
110	6 cm LI-MN rich cockscomb QZ VEN	4	3.2	0.1	32:1	>1% Zn
111	silicified BRX w diss AP, cockscomb QZ	1140	3.2	0.01	320:1	>1% Zn
112	MN-stained QZ VEN BRX, small diss GN	873	1.3	0.2		
113	8 cm wide MN-LI-QZ VEN w coarse cubiform GN (minor)	233	2.3	1.8	1:1	>1% Zn
P26129	QZ-CE-GN VEN, <3 cm wide	9	0.7	0.8		
P26074	diss PY, tr AP in QZTE	2	0.2	Tr		
075	MN-stained QZTE w drusy QZ VEN <0.5 cm, LI FRX-filling	<1	0.2	Tr		
076	MN-stained, QZ VEN BRX, 1.5 cm wide	4	0.06	Tr		
077	small pieces of LI in talus	17	0.1	Tr		
078	1.5 cm MN & LI-rich QZ VEN	5	0.02	Tr		
079	3 cm QZ VEN w MN-rich LI matrix	4	0.02	Tr		
080	pyritic SKRN(?)	6	0.09	Tr		
081	MN-rich, silicified QZTE BRX	<1	0.01	Tr		

ABBREVIATIONS

MINERALS (2 letters)

AP - arsenopyrite
BI - biotite
CE - cerussite
CP - chalcopyrite
GN - galena
LI - limonite
MG - magnetite
MN - manganese secondary minerals
PY - pyrite
SE - sericite
SL - sphalerite
SU - sulphide

ROCKS (4 letters)

HFLS - hornfels
PHYL - phyllite
QZMZ - quartz monzonite
QZTE - quartzite
SHST - schist
SKRN - skarn

STRUCTURES (3 letters)

BRX - breccia
BXW - boxwork
FLT - fault
FRX - fracture
STK - stockwork
VEN - vein

MISC (lower case)

diss - disseminated
fg - fine-grained
tr - trace
vfg - very fine-grained
w - with
wx - weathering

APPENDIX II

ANALYTICAL CERTIFICATES

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

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CERT. # : A8614947-001-A
INVOICE # : I8614947
DATE : 28-JUL-86
P.O. # : NONE
SQR

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
P 26177	[illegible]	[illegible]	90.0	210	100	<0.5	<2	0.10	2.5	7	[illegible]	[illegible]	[illegible]	<10	[illegible]	20	0.24	1805	[illegible]	<0.01	21	380	574	20	10	0.02	<10	<10	24	<10	390	--
P 26178	[illegible]	[illegible]	[illegible]	850	150	<0.5	<2	0.15	15.9	7	[illegible]	175	[illegible]	<10	[illegible]	20	0.21	6041	[illegible]	<0.01	19	560	3992	90	19	0.02	<10	<10	22	<10	1030	--
P 26179	4	0.83	6.8	50	110	<0.5	<2	0.12	<0.5	2	71	14	1.51	<10	0.12	20	0.12	249	<1	0.01	9	630	48	<10	11	0.01	<10	<10	24	<10	90	--
P 26180	1	1.02	3.0	30	130	<0.5	<2	0.12	<0.5	7	43	17	2.18	<10	0.11	20	0.23	523	<1	<0.01	18	530	34	<10	10	0.02	<10	<10	25	<10	70	--
P 26181	2	1.20	0.8	20	110	<0.5	<2	0.10	<0.5	7	48	15	2.25	<10	0.11	20	0.26	338	<1	<0.01	16	290	20	<10	9	0.03	<10	<10	31	<10	40	--
P 26182	[illegible]	1.03	17.5	70	150	<0.5	[illegible]	0.20	<0.5	6	141	21	2.60	<10	0.13	30	0.20	669	<1	0.01	17	530	178	<10	13	0.02	<10	<10	29	<10	120	--
P 26183	[illegible]	1.29	11.0	80	230	<0.5	[illegible]	0.25	<0.5	8	83	26	3.02	10	0.19	40	0.23	626	<1	0.01	24	550	110	<10	15	0.02	10	<10	26	<10	120	--
P 26184	[illegible]	1.34	6.4	60	190	<0.5	[illegible]	0.16	<0.5	7	67	24	2.77	10	0.14	30	0.28	653	<1	0.01	22	480	94	<10	12	0.03	10	<10	34	<10	110	--
P 26185	17	1.33	3.4	30	170	<0.5	<2	0.16	<0.5	7	68	20	2.69	<10	0.11	30	0.33	647	<1	0.01	22	510	46	<10	12	0.03	<10	<10	33	<10	80	--
P 26186	<1	1.64	7.2	40	300	<0.5	<2	0.37	0.5	17	89	21	2.89	10	0.17	20	0.34	2835	<1	0.01	20	940	76	<10	24	0.03	<10	<10	42	<10	100	--
P 26187	18	1.33	3.4	30	180	<0.5	<2	0.17	<0.5	6	65	20	2.34	<10	0.13	30	0.34	341	<1	0.01	19	550	62	<10	13	0.04	<10	<10	32	<10	80	--
P 26188	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Certified by .....

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COMMENTS :

Sample description	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
P 23146	6	0.43	1.8	230	390	<0.5	<2	0.05	[illegible]	10	217	46	2.49	<10	0.22	20	0.07	>9999	[illegible]	<0.01	21	100	[illegible]	<10	69	<0.01	<10	10	4	<10	292	—
P 23147	10	0.34	[illegible]	[illegible]	120	<0.5	[illegible]	0.05	[illegible]	[illegible]	316	11	2.13	<10	[illegible]	10	0.0[illegible]	[illegible]820	<1	<0.01	14	120	[illegible]	<10	[illegible]	<0.01	<10	<10	3	<10	18	—
P 23148	<1	1.02	0.2	10	60	<0.5	<2	0.02	<0.5	5	235	10	1.54	<10	0.22	10	0.26	564	<1	<0.01	11	90	14	<10	3	<0.01	<10	<10	4	<10	38	—
P 26051	28	1.82	74.0	430	620	<0.5	220	0.06	17.5	12	299	28	5.60	<10	0.12	10	0.31	>9999	3	<0.01	20	110	2130	<10	17	<0.01	<10	<10	14	<10	1588	—
P 26052	392	0.97	2.8	20	340	<0.5	18	0.82	>99.9	12	93	492	4.35	<10	0.10	20	0.25	1068	9	0.03	15	240	28	40	61	0.11	<10	<10	7	<10	>9999	—
P 26053	19	0.82	180.0	8310	2670	<0.5	152	0.07	>99.9	33	145	503	15.81	10	0.11	20	0.13	>9999	28	<0.01	73	700	8002	110	179	<0.01	<10	140	35	40	>9999	—
P 26054	28	0.51	25.0	3780	2700	<0.5	4	0.18	>99.9	57	139	74	11.52	20	0.33	20	0.11	>9999	20	<0.01	66	520	206	90	288	<0.01	<10	160	45	20	>9999	—
P 26055	12	0.57	19.6	940	400	<0.5	<2	0.07	96.0	10	107	48	6.77	<10	0.40	30	0.04	>9999	5	<0.01	12	640	570	20	31	<0.01	<10	<10	10	<10	5592	—
P 26056	53	0.62	78.0	4520	2110	<0.5	4	0.06	>99.9	45	57	244	18.14	<10	0.33	20	0.06	>9999	24	<0.01	66	790	358	100	85	<0.01	<10	60	27	10	>9999	—
P 26057	35	0.36	2.0	1970	50	<0.5	<2	0.32	9.5	16	163	16	6.64	<10	0.20	10	0.07	>9999	5	<0.01	26	610	76	40	71	<0.01	<10	20	7	<10	1488	—
P 26058	681	0.29	6.0	4230	50	<0.5	<2	6.62	4.5	9	69	20	5.95	20	0.18	<10	1.36	>9999	1	<0.01	14	100	48	190	8	<0.01	<10	<10	3	<10	464	—
P 26059	161	0.27	7.4	7900	100	<0.5	6	0.70	>99.9	45	24	88	23.23	20	0.21	20	0.21	>9999	22	0.02	66	420	456	240	525	<0.01	<10	150	22	10	>9999	—
P 26060	35	0.29	142.0	8730	1190	<0.5	<2	0.09	>99.9	42	58	1013	20.88	<10	0.16	10	0.06	>9999	20	<0.01	53	260	1162	210	82	<0.01	<10	40	12	10	>9999	—
P 26061	211	0.27	138.0	8180	350	<0.5	14	0.03	>99.9	38	50	2135	19.32	<10	0.12	20	0.05	>9999	29	<0.01	57	350	[illegible]	210	24	<0.01	<10	100	12	30	>9999	—
P 26062	14	0.29	70.0	4210	350	<0.5	<2	0.05	>99.9	22	130	600	11.63	<10	0.20	20	0.04	>9999	17	<0.01	36	300	2036	120	19	<0.01	<10	20	8	10	>9999	—
P 26063	7	0.32	4.0	300	1010	<0.5	<2	0.09	13.5	18	113	79	11.48	<10	0.22	20	0.10	>9999	5	<0.01	39	260	548	20	40	<0.01	<10	90	12	<10	1692	—
P 26064	5	0.22	90.0	260	410	<0.5	<2	0.05	>99.9	39	41	413	22.76	<10	0.10	20	0.05	>9999	18	<0.01	43	320	[illegible]	100	53	<0.01	<10	150	12	<10	>9999	—
P 26065	3	0.43	2.6	1550	1020	<0.5	<2	0.04	53.0	25	233	62	9.43	<10	0.14	10	0.10	>9999	[illegible]	<0.01	[illegible]	210	346	20	24	<0.01	<10	20	10	<10	5932	—
P 26066	<1	0.45	2.4	80	370	<0.5	<2	0.03	13.5	5	213	29	1.79	<10	0.33	20	0.03	8738	[illegible]	<0.01	10	140	816	<10	11	<0.01	<10	<10	4	<10	1026	—
P 26067	9	0.41	0.4	130	250	<0.5	<2	0.03	1.0	19	74	21	12.63	<10	[illegible]	[illegible]	0.07	[illegible]	[illegible]	<0.01	37	160	[illegible]	10	48	<0.01	<10	80	9	<10	338	—
P 26068	5	0.26	0.2	60	270	<0.5	<2	0.04	2.5	6	331	11	2.64	<10	0.21	10	0.03	>9999	1	<0.01	18	180	40	<10	41	<0.01	<10	10	4	<10	214	—
P 26069	2	0.29	0.2	90	180	<0.5	<2	0.03	0.5	2	149	9	1.33	<10	0.30	<10	0.02	5142	<1	<0.01	5	60	22	<10	11	<0.01	<10	<10	2	<10	108	—
P 26070	2	2.42	40.0	170	60	<0.5	<2	0.04	4.5	8	369	2015	8.28	10	0.18	10	0.53	5235	2	<0.01	26	100	6642	10	4	<0.01	<10	<10	19	<10	1554	—
P 26071	30	0.27	72.0	100	450	<0.5	124	0.02	<0.5	<1	316	141	12.94	<10	[illegible]	[illegible]	0.02	333	[illegible]	<0.01	6	310	328	<10	11	<0.01	<10	<10	2	<10	324	—
P 26072	3	0.44	54.0	360	240	<0.5	36	0.03	>99.9	22	45	2817	23.53	<10	0.11	20	0.05	>9999	14	<0.01	42	350	2136	70	70	<0.01	<10	70	7	<10	>9999	—
P 26073	<1	0.31	96.0	1420	330	<0.5	<2	0.24	78.0	19	105	154	19.68	10	0.16	20	0.11	>9999	12	0.01	48	400	530	100	267	<0.01	<10	150	17	<10	>9999	—
P 26074	2	1.75	5.0	60	150	<0.5	<2	0.99	41.0	10	202	1390	8.63	10	0.16	10	0.17	3388	<1	0.06	11	60	86	<10	8	0.06	<10	<10	4	<10	2436	—
P 26075	<1	0.47	5.0	120	160	<0.5	<2	0.03	14.5	22	289	100	1.69	<10	0.17	10	0.09	>9999	2	<0.01	34	80	58	<10	24	<0.01	<10	<10	4	<10	1570	—
P 26076	4	1.79	1.8	120	180	<0.5	<2	0.07	20.5	21	193	89	5.32	10	0.32	30	0.57	>9999	1	0.01	145	120	288	<10	20	<0.01	<10	<10	10	<10	1412	—
P 26077	17	1.58	4.4	10	130	<0.5	<2	0.17	8.5	6	146	1108	20.33	10	0.13	20	0.52	869	<1	<0.01	17	<10	18	<10	34	0.13	<10	<10	35	30	218	—
P 26078	5	0.49	0.8	260	4430	<0.5	<2	0.15	9.0	19	208	64	7.31	<10	0.17	20	0.13	>9999	6	0.01	49	210	82	10	187	<0.01	<10	90	14	<10	1104	—
P 26079	4	0.36	0.6	320	1740	<0.5	16	0.18	11.0	28	158	68	12.65	10	0.22	20	0.11	>9999	13	0.01	53	270	368	30	561	<0.01	<10	260	29	20	1144	—
P 26080	6	4.01	2.8	20	40	<0.5	<2	0.36	<0.5	23	74	869	22.25	10	0.02	20	0.68	2742	<1	0.10	58	120	4	<10	22	0.08	<10	<10	23	<10	100	—
P 26081	<1	0.36	0.2	70	130	<0.5	<2	0.02	0.5	8	331	30	4.94	<10	0.17	10	0.03	>9999	2	<0.01	19	80	44	<10	30	<0.01	<10	30	6	<10	176	—
P 26101	5	3.00	1.0	30	70	2.0	8	1.71	1.0	7	85	295	8.30	20	0.25	10	0.30	2522	<1	0.14	14	70	10	<10	13	0.10	<10	<10	14	10	206	—
P 26102	<1	2.77	1.6	[illegible]	[illegible]	<0.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—
P 26103	34	1.94	1.4	40	60	<0.5	16	1.87	>99.9	[illegible]	[illegible]	[illegible]	6.77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—
P 26104	2	5.03	0.6	[illegible]	250	10.0	[illegible]	3.77	[illegible]	[illegible]	[illegible]	[illegible]	4.27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—
P 26105	75	1.04	74.0	2210	280	<0.5	<2	0.96	>99.9	13	120	>9999	7.90	<10	0.13	10	0.17	1813	14	0.04	24	<10	24	70	27	0.07	<10	<10	3	<10	>9999	—
P 26106	92	0.85	76.0	3030	240	<0.5	14	0.23	26.0	12	272	8767	5.33	<10	0.08	10	0.18	657	1	0.01	14	<10	1040	10	45	0.02	<10	<10	2	<10	1396	—

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COMMENTS :

Sample description	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
P 26107	2	0.32	4.2	170	830	<0.5	<2	0.05	82.5	11	387	161	5.86	<10	0.11	<10	0.06	>9999	6	<0.01	24	180	3040	10	52	<0.01	<10	40	10	<10	3056	—
P 26108	39	2.43	40.0	50	120	<0.5	12	2.94	>99.9	30	176	5607	7.07	20	0.12	10	0.82	12775	12	<0.01	21	90	68	260	69	0.12	<10	<10	10	<10	>9999	—
P 26109	108	0.32	7.6	1460	1140	<0.5	<2	0.12	97.0	16	148	116	6.23	<10	0.12	10	0.10	>9999	9	0.01	32	220	3050	60	173	<0.01	<10	80	15	<10	3862	—
P 26110	4	0.21	104.0	910	760	<0.5	152	0.10	>99.9	100	112	132	12.42	<10	0.05	10	0.06	>9999	21	0.01	37	400	1174	80	102	<0.01	<10	130	17	20	>9999	—
P 26111	1140	0.25	104.0	>9999	50	<0.5	2	0.03	52.0	6	87	105	4.48	<10	0.08	<10	0.09	>9999	2	<0.01	10	20	90	320	19	<0.01	<10	<10	1	<10	1852	—
P 26112	873	0.37	42.0	3700	180	<0.5	<2	0.04	>99.9	13	213	91	5.48	<10	0.20	10	0.04	>9999	5	<0.01	18	110	1762	90	109	<0.01	<10	<10	8	<10	4868	—
P 26113	233	0.40	74.0	4250	410	<0.5	752	0.08	>99.9	30	71	568	9.64	<10	0.07	20	0.13	>9999	17	<0.01	41	250	[illegible]	130	129	<0.01	<10	100	17	10	>9999	—
P 26114	25	0.61	7.0	110	40	<0.5	18	0.50	3.0	3	41	99	3.80	<10	0.01	10	0.22	1361	<1	0.02	6	210	278	<10	24	0.05	<10	<10	3	<10	286	—
P 26115	1990	0.98	5.0	>9999	70	<0.5	20	0.27	14.0	13	122	49	3.58	<10	0.08	10	0.12	857	<1	0.05	16	110	184	10	27	0.01	<10	<10	5	<10	208	—
P 26116	9	0.26	6.0	1900	390	<0.5	<2	0.21	>99.9	17	29	36	20.92	<10	0.17	20	0.10	>9999	9	0.01	45	430	172	30	262	<0.01	<10	120	13	<10	8632	—
P 26117	6	0.18	1.2	260	70	<0.5	<2	0.07	14.0	8	53	19	4.56	<10	0.20	20	0.03	>9999	2	<0.01	19	170	84	<10	70	<0.01	<10	10	4	<10	1970	—
P 26118	6	0.29	86.0	600	100	<0.5	192	0.13	>99.9	49	129	439	20.28	<10	0.20	10	0.08	>9999	16	<0.01	39	360	8334	60	203	<0.01	<10	110	12	<10	>9999	—
P 26119	3	0.14	8.0	80	30	<0.5	10	0.03	15.5	5	87	319	1.46	<10	0.14	10	0.02	5369	1	<0.01	5	80	450	<10	17	<0.01	<10	<10	1	<10	1854	—
P 26120	<1	0.02	1.4	30	50	<0.5	<2	<0.01	2.5	2	150	23	0.73	<10	<0.01	<10	<0.01	281	<1	<0.01	5	10	90	<10	9	<0.01	<10	<10	1	<10	312	—
P 26121	24	0.29	1.4	280	80	<0.5	2	0.58	9.0	22	65	12	4.09	10	0.15	<10	1.46	4376	1	<0.01	120	90	36	<10	12	<0.01	<10	<10	14	<10	1218	—
P 26122	1	1.10	60.0	1740	200	<0.5	6	0.12	>99.9	67	153	690	8.83	10	0.16	20	0.28	>9999	10	<0.01	55	240	1776	40	47	<0.01	<10	10	10	<10	>9999	—
P 26123	21	1.07	11.4	170	60	<0.5	<2	0.24	6.0	12	86	34	2.46	<10	0.33	30	0.15	3366	1	<0.01	28	250	270	<10	19	<0.01	<10	<10	7	<10	1180	—
P 26124	4	0.49	1.4	230	470	<0.5	<2	0.15	11.0	18	127	32	9.72	<10	0.35	20	0.07	>9999	5	<0.01	36	270	188	10	92	<0.01	<10	100	13	<10	1898	—
P 26125	309	0.34	184.0	640	20	<0.5	<2	0.03	>99.9	29	133	3815	14.69	<10	0.15	<10	0.05	>9999	13	0.02	47	300	[illegible]	180	16	<0.01	<10	110	14	<10	>9999	—
P 26126	162	0.37	118.0	510	60	<0.5	<2	0.01	45.5	9	81	695	4.96	<10	0.26	20	0.02	>9999	4	<0.01	17	110	7198	20	30	<0.01	<10	30	6	<10	2860	—
P 26127	641	0.15	146.0	220	40	<0.5	2	0.01	46.0	6	81	3915	5.88	<10	0.11	10	0.01	>9999	8	<0.01	13	30	[illegible]	90	7	<0.01	<10	10	3	<10	5582	—
P 26128	26	0.43	39.0	110	120	<0.5	<2	0.02	>99.9	10	208	512	4.50	<10	0.21	10	0.03	>9999	4	<0.01	24	120	3952	10	36	<0.01	<10	40	8	<10	2950	—
P 26129	9	0.15	24.0	40	220	<0.5	<2	0.04	32.0	6	66	510	3.25	<10	0.04	<10	0.04	>9999	3	<0.01	11	60	8394	10	28	<0.01	<10	20	4	<10	2960	—
P 26130	16	1.07	12.0	60	320	<0.5	<2	0.71	4.0	20	124	174	3.76	10	0.18	10	0.07	1728	<1	0.09	31	130	758	<10	69	0.13	<10	<10	13	<10	318	—
P 26131	4	6.01	2.4	20	160	<0.5	<2	3.59	<0.5	14	177	59	4.67	20	0.91	10	0.83	650	<1	0.58	38	690	154	<10	248	0.13	<10	<10	60	<10	306	—
P 26132	6	2.51	4.4	20	70	<0.5	<2	0.10	23.5	12	192	26	7.78	<10	0.11	20	0.60	9400	3	<0.01	12	410	420	<10	9	<0.01	<10	<10	32	<10	2662	—
P 26133	29	0.52	11.4	20	80	<0.5	14	0.06	>99.9	8	572	104	2.52	<10	<0.01	<10	0.09	3419	8	<0.01	14	150	590	20	4	<0.01	<10	<10	9	<10	>9999	—
P 26134	2660	0.15	30.0	900	60	<0.5	<2	0.01	32.5	7	140	152	8.48	<10	0.04	<10	0.02	>9999	5	<0.01	14	100	[illegible]	40	3	<0.01	<10	30	5	<10	2258	—
P 26135	98	0.93	22.0	850	320	<0.5	12	0.08	39.5	15	213	58	9.21	<10	0.46	30	0.05	>9999	5	<0.01	23	560	762	10	74	<0.01	<10	50	20	<10	2872	—
P 26136	129	2.99	0.8	20	270	<0.5	2	1.79	<0.5	9	58	68	2.97	20	0.25	30	0.53	590	<1	0.23	10	990	186	<10	182	0.12	<10	<10	36	<10	118	—
P 26137	9	2.22	0.6	260	180	<0.5	<2	1.56	1.0	7	106	16	0.93	10	0.18	30	0.27	1537	1	0.29	6	790	58	<10	162	0.13	<10	<10	24	<10	154	—
P 26138	67	0.28	0.4	170	20	<0.5	6	0.03	18.0	30	151	68	1.74	<10	0.02	<10	0.09	3745	2	<0.01	6	50	94	<10	3	<0.01	<10	<10	1	<10	3916	—
P 26139	444	0.15	26.0	140	30	<0.5	<2	0.02	>99.9	15	315	308	5.60	<10	0.01	<10	0.03	>9999	10	<0.01	20	170	6396	40	14	<0.01	<10	100	11	<10	>9999	—
P 26140	284	0.18	156.0	1460	10	<0.5	174	0.02	>99.9	48	11	2766	18.21	<10	0.01	10	0.06	>9999	39	<0.01	47	490	[illegible]	300	21	<0.01	<10	310	27	<10	>9999	—
P 26141	339	0.31	138.0	5820	330	<0.5	30	0.04	>99.9	34	44	873	15.81	<10	0.09	10	0.06	>9999	24	<0.01	46	570	[illegible]	160	106	<0.01	<10	190	25	<10	>9999	—
P 26142	24	0.16	42.0	510	130	<0.5	22	0.04	>99.9	33	87	432	35.35	<10	<0.01	10	0.08	>9999	24	<0.01	46	1460	5512	120	44	<0.01	<10	340	30	<10	>9999	—
P 26143	31	0.22	4.4	100	20	<0.5	<2	0.01	>99.9	16	315	150	4.80	<10	<0.01	<10	0.05	>9999	16	<0.01	22	220	192	60	916	<0.01	<10	100	12	<10	>9999	—
P 26144	53	0.21	28.0	3190	160	<0.5	6	0.08	>99.9	21	201	194	19.58	<10	0.07	10	0.08	>9999	9	<0.01	49	450	2882	120	233	<0.01	<10	270	26	<10	>9999	—
P 26145	4	0.65	1.6	500	60	<0.5	<2	0.20	31.5	20	194	31	13.81	<10	0.14	10	0.20	>9999	10	0.01	33	280	294	20	360	<0.01	<10	200	26	<10	2934	—
P 26146	<1	0.14	1.4	130	40	<0.5	<2	0.01	31.5	6	121	11	3.68	<10	0.05	<10	0.02	>9999	3	<0.01	11	80	86	<10	20	<0.01	<10	40	7	<10	1292	—

Certified by .Herbert Buchler....

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CERTIFICATE OF ANALYSIS

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

0 = ok

CERT. # : A8614948-003-A
INVOICE # : I8614948
DATE : 4-AUG-86
P.O. # : NONE
SGR Quot

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
P 26147	142	0.16	138.0	3020	20	<0.5	4	0.05	>99.9	33	21	2261	18.47	<10	0.07	10	0.06	>9999	20	0.01	41	290	2352	80	227	<0.01	<10	230	27	<10	>9999	—
P 26148	10	<1	32.0	420	220	<0.5	<2	0.36	299.9	29	116	299	11.68	20	0.11	30	0.75	>9999	10	<0.01	34	2290	6544	30	228	<0.01	<10	140	77	<10	7218	—
P 26149	110	0.20	200.0	7890	30	<0.5	304	0.03	>99.9	27	81	8523	11.52	<10	0.04	10	0.03	>9999	15	<0.01	30	350	[redacted]	880	69	<0.01	<10	30	14	<10	>9999	—
P 26150	14	0.33	18.4	620	670	<0.5	<2	0.03	>99.9	15	123	156	3.90	<10	0.09	<10	0.04	>9999	7	<0.01	17	170	370	20	50	<0.01	<10	30	9	<10	6136	—
P 26151	60	0.49	74.0	2180	60	<0.5	20	0.16	68.5	22	157	887	4.92	<10	0.26	20	0.07	>9999	6	<0.01	49	300	1704	70	257	<0.01	<10	90	14	<10	2060	—
P 26152	1220	0.47	116.0	2590	50	<0.5	<2	0.03	24.5	11	52	580	19.90	<10	0.22	30	0.05	>9999	<1	<0.01	31	250	1070	80	25	<0.01	<10	<10	<1	<10	4940	—
P 26153	398	0.53	150.0	2550	70	<0.5	<2	0.04	28.5	32	36	481	31.13	10	0.10	10	0.05	>9999	4	<0.01	49	1660	1860	130	79	<0.01	<10	50	2	<10	3312	—
P 26154	18	0.37	6.8	100	50	<0.5	<2	0.01	1.5	12	72	102	3.17	<10	0.19	10	0.05	1227	<1	<0.01	8	140	78	<10	2	<0.01	<10	<10	<1	<10	134	—
P 26155	22	0.34	3.0	110	30	<0.5	<2	<0.01	<0.5	1	50	51	7.03	<10	0.17	30	0.01	825	<1	<0.01	11	430	36	<10	2	<0.01	<10	<10	<1	<10	128	—
P 26156	48	0.18	176.0	5240	30	<0.5	<2	0.13	>99.9	81	37	138	20.47	<10	0.12	10	0.06	>9999	14	0.01	98	340	448	150	324	<0.01	<10	210	22	<10	>9999	—
P 26157	8	0.2[redacted]		860	70	<0.5	<2	0.15	>99.9	29	27	755	13.91	<10	0.15	20	0.06	>9999	18	<0.01	63	370	[redacted]	730	516	<0.01	<10	190	18	<10	>9999	—
P 26158	10	0.3[redacted]		210	3150	<0.5	<2	0.09	62.0	51	15	134	21.93	<10	0.12	20	0.10	>9999	9	<0.01	106	340	520	140	569	<0.01	<10	230	19	<10	3176	—
P 26159	648	0.1[redacted]		300	20	<0.5	<2	0.21	15.5	22	21	1860	18.55	<10	0.10	20	0.08	>9999	13	<0.01	42	450	[redacted]	1490	625	<0.01	<10	260	21	<10	1632	—
P 26160	57	0.3[redacted]		6180	8670	<0.5	<2	0.16	>99.9	28	27	1047	16.96	<10	0.10	20	0.10	>9999	19	<0.01	78	1640	[redacted]	900	329	<0.01	<10	200	25	<10	>9999	—
P 26161	27	0.07	86.0	100	60	<0.5	<2	0.01	3.5	1	161	46	0.79	<10	0.02	<10	0.01	4366	<1	<0.01	5	50	962	30	14	<0.01	<10	<10	1	<10	236	—
P 26162	36	0.36	[redacted]	4400	1140	<0.5	<2	0.15	>99.9	26	24	1229	20.64	<10	0.14	20	0.10	>9999	22	0.01	70	1410	[redacted]	1270	402	<0.01	<10	240	23	<10	>9999	—
P 26163	16	0.23	118.0	3010	810	<0.5	<2	0.17	>99.9	20	75	164	13.97	<10	0.15	10	0.08	>9999	14	<0.01	106	1420	1112	150	255	<0.01	<10	160	16	<10	>9999	—
P 26164	15	0.1[redacted]		2220	40	<0.5	<2	0.13	>99.9	15	57	85	6.33	<10	0.09	10	0.05	>9999	9	<0.01	52	700	1900	110	161	<0.01	<10	100	12	<10	7822	—
P 26165	294	>0.1[redacted]		[redacted]	20	<0.5	<2	0.03	>99.9	40	25	370	12.41	<10	0.08	10	0.03	>9999	20	<0.01	29	240	[redacted]	400	54	<0.01	<10	<10	5	<10	>9999	—
P 26166	1150	0.5[redacted]		[redacted]	80	<0.5	<2	0.01	>99.9	45	36	287	14.52	<10	0.12	<10	0.01	1868	21	<0.01	18	200	1460	570	38	<0.01	<10	<10	<1	<10	>9999	—
P 26167	13	0.14	48.0	810	60	<0.5	<2	0.02	9.5	10	184	18	1.07	<10	0.07	<10	0.01	>9999	1	<0.01	17	110	788	<10	42	<0.01	<10	<10	2	<10	606	—
P 26168	19	0.57	54.0	5610	630	<0.5	<2	0.15	62.0	74	91	89	16.10	<10	0.21	20	0.06	>9999	3	0.01	66	490	284	50	168	<0.01	<10	10	7	<10	2618	—
P 26169	33	0.24	21.0	1460	30	<0.5	<2	0.03	7.0	<1	70	22	11.26	<10	0.11	10	0.01	930	<1	<0.01	7	610	194	20	4	<0.01	<10	<10	<1	<10	1002	—
P 26170	153	0.16	70.0	5960	80	<0.5	<2	0.04	6.5	2	90	19	6.36	<10	0.09	<10	0.01	4220	<1	<0.01	7	180	7234	90	21	<0.01	<10	<10	<1	<10	820	—
P 26171	6	0.08	9.6	440	10	<0.5	<2	<0.01	2.5	<1	164	4	0.58	<10	0.05	<10	<0.01	452	<1	<0.01	2	20	56	<10	2	<0.01	<10	<10	<1	<10	174	—
P 26172	679	1.00	194.0	[redacted]	300	<0.5	<2	0.18	65.5	112	52	256	18.67	<10	0.29	30	0.07	>9999	3	0.01	84	780	5388	90	163	<0.01	<10	<10	6	<10	2612	—
P 26173	1	0.22	3.0	140	20	<0.5	<2	0.02	<0.5	3	112	17	4.24	<10	0.12	10	0.01	2208	<1	<0.01	8	240	62	<10	11	<0.01	<10	<10	1	<10	108	—
P 26174	14	2.37	4.0	130	110	7.0	12	1.81	0.5	3	149	248	5.70	20	0.36	20	0.21	1301	<1	0.22	7	150	38	<10	44	0.08	<10	<10	13	<10	182	—
P 26175	23	2.48	6.4	[redacted]	290	<0.5	16	0.30	6.0	177	86	880	7.02	10	0.16	40	0.36	1137	<1	0.05	37	190	52	<10	62	0.12	<10	<10	20	60	1060	—
P 26176	15	3.70	3.2	120	80	3.0	4	2.25	37.5	9	98	349	3.64	20	0.19	30	0.53	946	<1	0.51	26	250	38	<10	127	0.13	<10	<10	27	<10	3184	—
P 26189	42	0.20	39.0	210	240	<0.5	<2	0.03	56.5	15	65	1247	15.19	<10	0.09	10	0.05	>9999	7	<0.01	31	190	6884	30	23	<0.01	<10	110	10	<10	5832	—
P 26190	3	0.43	2.2	3170	300	<0.5	<2	0.12	6.0	13	53	67	16.08	<10	0.17	20	0.06	>9999	5	<0.01	33	330	108	10	234	<0.01	<10	50	6	<10	2342	—
P 26191	<1	0.25	12.4	2200	1000	<0.5	<2	0.05	83.0	15	64	221	13.39	<10	0.08	10	0.03	>9999	8	<0.01	32	290	98	20	61	<0.01	<10	50	6	<10	5414	—
P 26192	13	0.35	5.4	1360	2330	<0.5	<2	0.09	18.0	46	40	178	22.34	<10	0.08	20	0.11	>9999	9	<0.01	126	550	144	30	155	<0.01	<10	230	21	<10	2344	—
P 27096	2	0.42	3.6	60	260	<0.5	<2	0.06	3.0	6	199	25	1.22	<10	0.20	20	0.04	>9999	1	<0.01	29	110	172	<10	18	<0.01	<10	<10	2	<10	262	—
P 27098	7	0.23	3.4	120	90	<0.5	<2	0.02	9.5	4	101	14	2.37	<10	0.13	10	0.01	3703	<1	<0.01	10	170	54	<10	6	<0.01	<10	<10	<1	<10	270	—
P 27100	20	0.25	3.8	290	150	<0.5	<2	0.10	9.0	18	93	431	4.34	<10	0.13	10	0.03	999	5	<0.01	32	220	230	10	69	<0.01	<10	110	13	<10	1158	—

Samples should be assayed! Not trace suitable for 30 ele. ICP

Hart

Certified by Hart Bichler

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
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CERTIFICATE OF ASSAY

TO : ARCHER CATHRO & ASSOC. (1981) LTD.
BOX 4127
3125 THIRD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

CERT. # : A8616096-001-A
INVOICE # : I8616096
DATE : 17-AUG-86
P.O. # : NONE
SQR

Quest

Sample description	Prep code	Ag FA oz/T						
P 26157	214	80.30 ✓	--	--	--	--	--	
P 26158	214	6.65 ✓	--	--	--	--	--	
P 26159	214	70.58 ✓	--	--	--	--	--	
P 26160	214	91.26 ✓	--	--	--	--	--	
P 26162	214	75.37 ✓	--	--	--	--	--	
P 26164	214	119.85 ✓	--	--	--	--	--	
P 26165	214	54.51 ✓	--	--	--	--	--	
P 26166	214	23.27	--	--	--	--	--	
P26178		10.22				CERT	A8615574	

(

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Registered Assayer, Province of British Columbia

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CERTIFICATE OF ASSAY

TO : ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1L8

CERT. # : A8618360-001-A
INVOICE # : I8618360
DATE : 6-OCT-86
P.O. # : NONE
SQR Quest

Sample description	Prep code	Pb %						
P 26061	214	2.33	--	--	--	--	--	
P 26064	214	2.20	--	--	--	--	--	
P 26113	214	1.81	--	--	--	--	--	
P 26125	214	5.92	--	--	--	--	--	
P 26127	214	5.73	--	--	--	--	--	
P 26134	214	1.66	--	--	--	--	--	
P 26140	214	10.00	--	--	--	--	--	
P 26141	214	3.19	--	--	--	--	--	
P 26149	214	1.83	--	--	--	--	--	
P 26157	214	5.52	--	--	--	--	--	
P 26159	214	2.59	--	--	--	--	--	
P 26160	214	4.62	--	--	--	--	--	
26162	214	2.14	--	--	--	--	--	
26165	214	5.33	--	--	--	--	--	

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Anne Christie
Registered Assayer, Province of British Columbia

APPENDIX III

CERTIFICATE OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with an M.Sc. majoring in Geological Sciences.
2. I am a member of the Geological Association of Canada.
3. From 1974 to the present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981 became a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Robert C. Carne, B.Sc., M.Sc.