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GEOLOGICAL AND GEOCHEMICAL REPORT

on the

WANETA 1 - 10 Mineral Claims

N.T.S. 82F/3 and 82F/4
Latitude 49°02' North
Longitude 117°30' West

Nelson Mining Division
British Columbia

for

REX SILVER MINES LTD.

Calgary, Alberta

by

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#100, 1300 - 8th Street S.W.
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OCTOBER 1984

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CERTIFICATE

I, Claude Henry Aussant, of 31 Templebow Way N.E. in the City of Calgary in the Province of Alberta, do hereby certify that:

1. I am a consulting geologist with the firm of Taiga Consultants Ltd. whose offices are located at Suite 100, 1300 - 8th Street S.W., Calgary, Alberta.

2. I am a graduate of the University of Calgary, B.Sc. Geology (1976).

3. I have practised my profession continuously since graduation.

4. I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

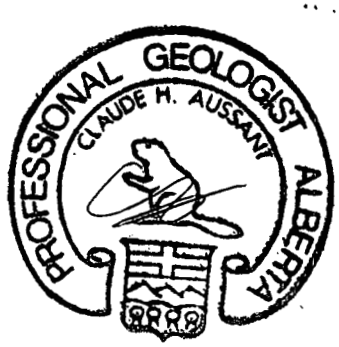
5. I personally worked on the Waneta 1 - 10 mineral claims from September 18 to 24, 1984, and supervised exploration work carried out thereon.

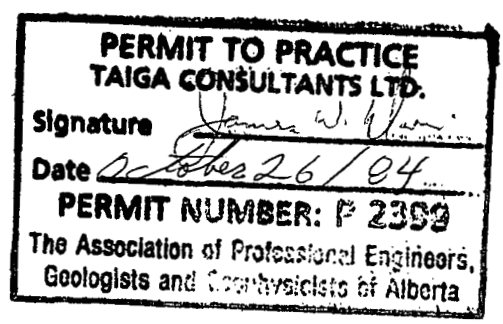
6. I did not receive and do not expect to receive any interest, directly or indirectly, in the property described herein nor in the securities of Rex Silver Mines Ltd. or its affiliates in respect of services rendered in the preparation of this report.

DATED at Calgary, Alberta, this 26th day of October, A.D. 1984.

Respectfully submitted,

Claude H. Aussant, B.Sc., P.Geol.





INTRODUCTION

From September 18 to 24, 1984, a total of 26 man days of exploration work were carried out at the Waneta 1 - 10 mineral claims, located along Pend D'Oreille River in southeastern British Columbia. This work included reconnaissance geological mapping, prospecting, detailed stream silt sampling, and lithogeochemical sampling.

This exploration approach was intended to confirm the underlying geology of the property, to identify areas containing potential replacement and disseminated gold mineralization, and to examine in greater detail any such potentially mineralized areas.

Location and Access

The claim group (Figure 1) is situated in southern British Columbia along Pend D'Oreille River, 12 km southeast of Trail. The property extends from the Waneta Dam and the international boundary, along Pend D'Oreille River east and north to Limpid Creek.

The property is accessible by B.C. Highway 22A south from Montrose, and the Seven Mile Dam all-weather road which crosses the Waneta 1 to 4 claims. The Seven Mile Dam road is extended by a gravel logging road (to Nelway) traversing the Waneta 6 to 9 claims. Numerous secondary roads, old logging roads, and powerline trails traverse the remainder of the property.

Property and Ownership

The property consists of ten mineral claims staked under the modified grid system and registered in the name of Rex Silver Mines Ltd. The Waneta 6, 7, 8, 9, and 10 claims overlap several mineral claims which are currently in good standing. These areas have been excluded from the Waneta claims, and are depicted on Figure 1 by hatchured pattern.

Claim	Size	Units	Record	Date of Record
Waneta 1	2 x 6	12	3134	May 6, 1983
Waneta 2	2 x 7	14	3139	
Waneta 3	3 x 6	18	3135	
Waneta 4	4 x 5	20	3140	
Waneta 5	4 x 5	20	3141	
Waneta 6	4 x 5	20	3136	
Waneta 7	2 x 5	10	3142	
Waneta 8	3 x 5	15	3137	
Waneta 9	6 x 3	18	3143	
Waneta 10	3 x 6	18	3138	
		165 units		
		(4,125 hectares		

Physiography and Glaciation

The claim group is located within the Bonnington Range of the Selkirk Mountains of the Cassiar-Columbia Mountains physiographic province. The southern part of the range, where the claims are situated, is underlain by volcanic rocks and is characterized by heavily forested mountains of relatively subdued relief, in contrast to the severe topography of areas to the north, underlain predominantly by granitic rocks.

Evidence of peneplanation can be seen throughout the region and it would appear that at least two stages occurred.

The topography of the area has been considerably influenced by Cordilleran glaciation with evidence in the form of transported material found everywhere. The movement of the glacial ice (southerly) has been recorded by many measurements of glacial striae and roches moutonée.

The wooded rounded hillsides are overburden covered and cut by a number of deep V-shaped stream valleys. Numerous small outcrops occur throughout the property north of Pend D'Oreille River with road cuts providing excellent bedrock exposures, but those portions of the property which lie south of the river are more thickly wooded, with outcrops almost non-existent except along the river itself. Elevations on the claims vary from 518 metres along Pend D'Oreille River up to 1,340 metres ASL.

The climate of the district is pleasant with moderate winters and hot summers. Snow has almost entirely disappeared by June and does not interfere with prospecting until late October. Land suited to agriculture or ranching is confined to small areas in the lowlands.

REGIONAL GEOLOGY

In this area, a belt of Carboniferous rocks forms a zone of discontinuous overthrust plates which rest mainly on the Lower Jurassic volcanics and sediments of the Elise Formation of the Rossland Group 'arc type' volcanic rocks. The Carboniferous rocks (considered to correlate with the Mississippian/Pennsylvanian Milford Group) consist of black argillite, calcareous argillite, slate, phyllite, and grey-weathering black limestone. A thick bed of massive white to light blue-grey limestone is also present in the section and forms a distinctive marker horizon. The main trace of the thrust is offset in a left-lateral sence by Tertiary faulting at several places. Numerous small granitic plugs and cupolas(?) of Tertiary age intrude both the lower and upper thrust plates.

The regional geology is indicated on Figure 2. Table 1 summarizes the geological stratigraphy of the area.

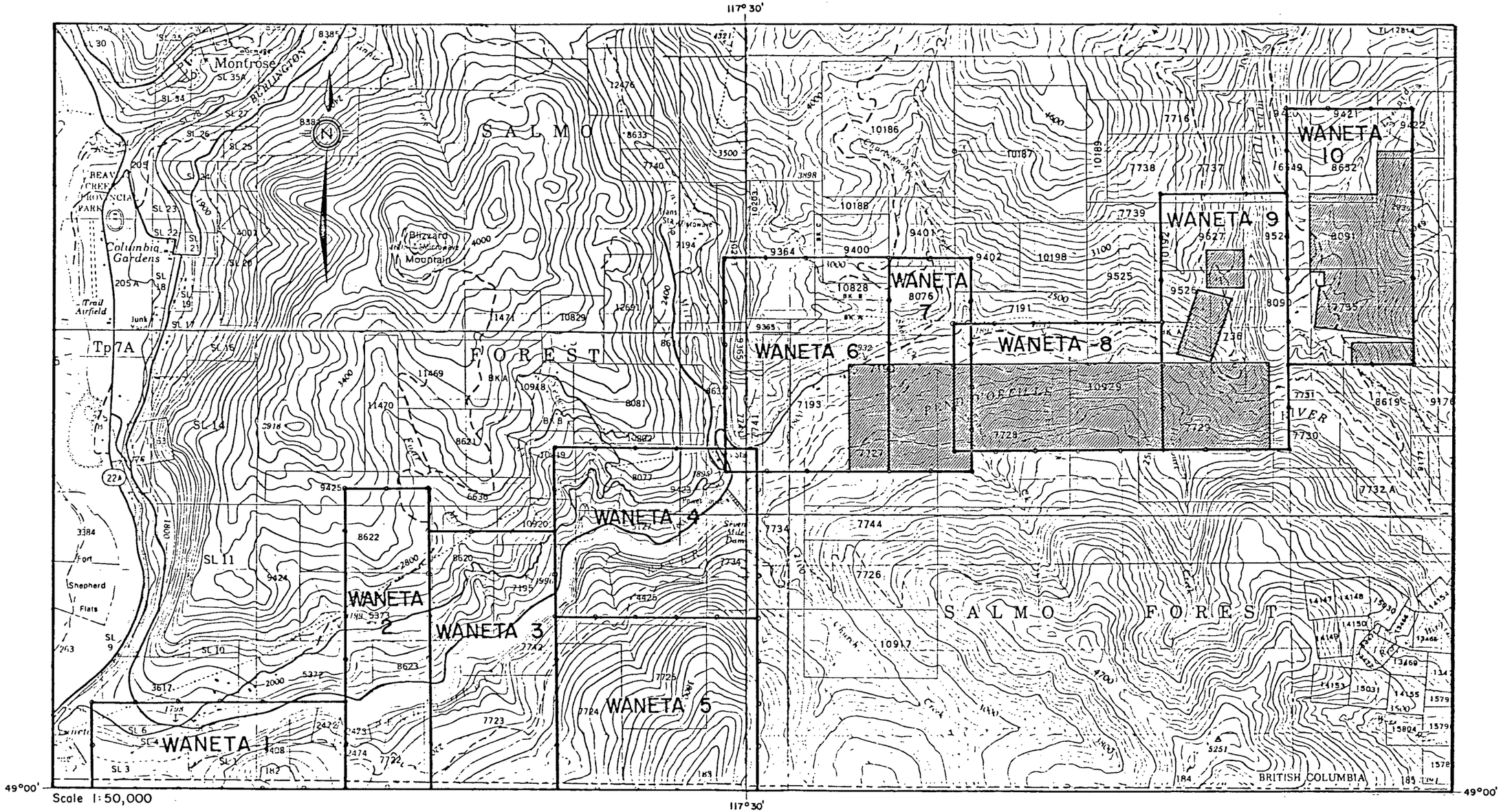


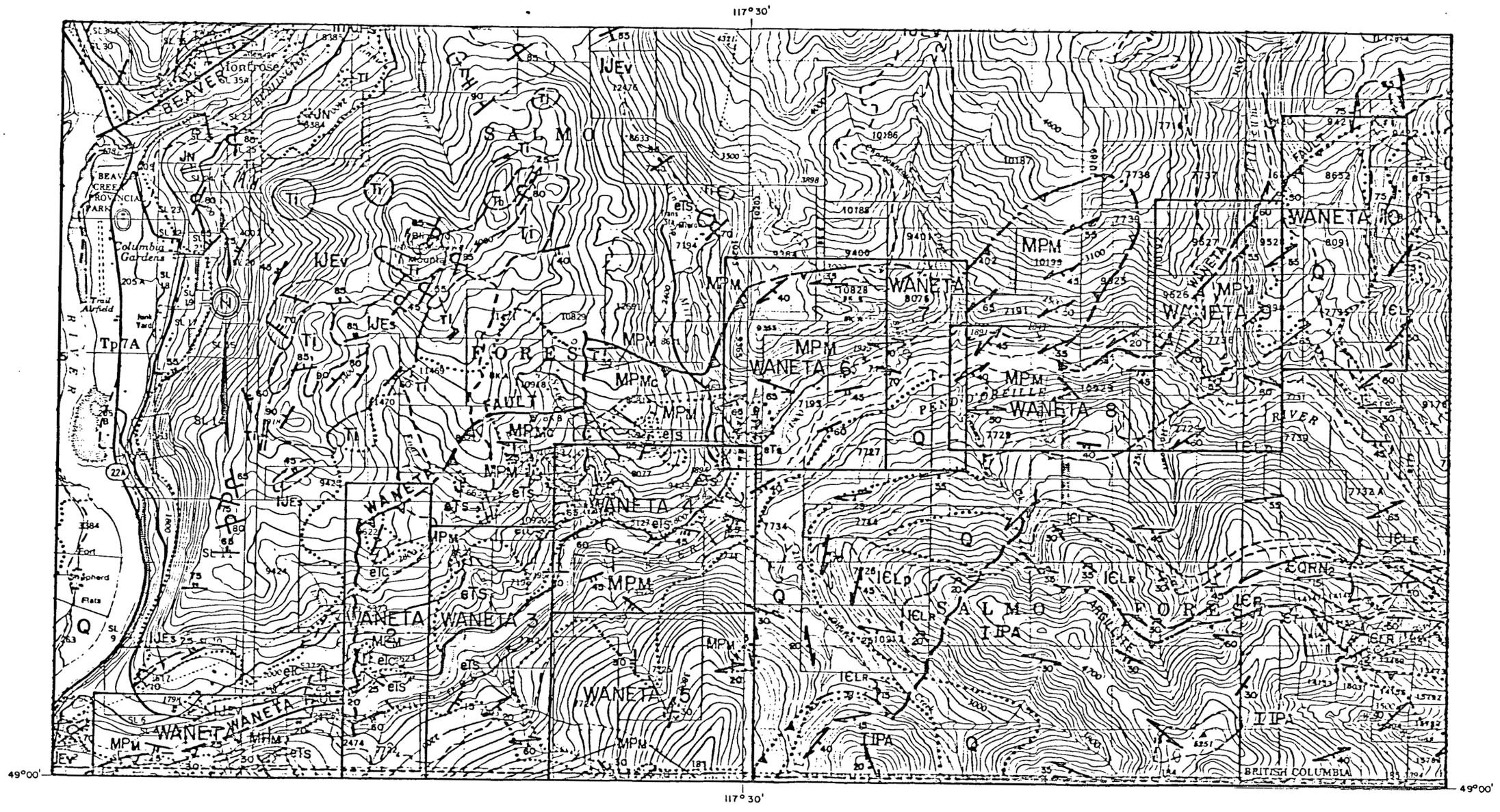
Figure 1

PROPERTY LOCATION MAP

WANETA 1 - 10 CLAIMS

0 1000 2000

METRES



Q	Quarternary alluvium and drift
eTc	Coryell Intrusions; syenite, qtz. monzonite, minor granite, pulaskite, biotite-augite monz.
eTs	Sheppard Intrusions; granite, syenite
Ti	minor intrusions; mainly hornblende-feldspar and hornblende porphyries
KTi	smaller stocks and minor intrusions; mainly "two-mica" (biotite-muscovite) granites
JN	Nelson Batholith: granite, granodiorite, quartz diorite, quartz monzonite

IJEv	Elise Fm.; flow breccia, massive andesites and basalts, agglomerate, tuff, breccia, siltstone; IJEs: black laminated siltstone
MPM	Milford Group: arg., qtzite, chert, ls.; MPMc: ls
IIPA	Active Fm.: black argillite and slate
IЄLp	Laib Fm.: Laib Phyllite: phyllite, argillite, micaceous quartzite, schist; IЄLE: Emerald Member: phyllite, argillite; IЄLR: Reeves Member: ls, dol.
IЄR	Reno Fm.; quartzite, argillite
IЄQRN$_2$	Upper Nevada; quartzite

Figure 2

REGIONAL GEOLOGY MAP

0 1000 2000
METRES

Table 1. Table of Formations

ERA	PERIOD OR EPOCH	GROUP OR FORMATION	MAP SYMBOL	LITHOLOGY	THICKNESS (metres)
CENOZOIC	QUATERNARY			Till, sand, gravel, silt	
	EOCENE Middle	Coryell Intrusions	eTc	Syenite, quartz monzonite; minor granite, pulaskite, and biotite-augite monzonite	
		INTRUSIVE CONTACT			
		Marron Formation	EM	Augite and/or hornblende and/or biotite andesite; trachyandesite	900+
		RELATIONSHIP UNKNOWN, BUT MAY BE FEEDER TO MARRON ANDESITE FLOWS			
		Map-unit Ti	Ti	Hornblende-feldspar and hornblende porphyrys	
		CONFORMABLE(?) CONTACT WITH MARRON FORMATION			
		Kettle River Formation	EKR	Tuffaceous arkose	100+
MESOZOIC	CRETACEOUS Upper	RELATIONSHIP UNKNOWN; UNCONFORMABLE ON HALL FORMATION			
		Sophie Mountain Formation	uKsm	Coarse conglomerate with minor interbeds of siltstone and arenaceous argillite	100+
	JURASSIC AND/ OR CRETACEOUS	RELATIONSHIP UNKNOWN; UNCONFORMABLE ON ELISE FORMATION			
		Map-unit Kqp	Kqp	Quartz-feldspar porphyry	
		RELATIONSHIP UNKNOWN; INTRUSIVE INTO ULTRAMAFIC INTRUSIONS			
		Nelson Intrusions	JN	Granodiorite; minor quartz diorite, and diorite	
		RELATIONSHIP CONTRADICTORY; SEEMS TO BE INTRUSIVE			
		Rossland Monzonite	JNmz	Biotite-hornblende-augite monzonite; mainly medium grained	
	JURASSIC Lower and Middle	INTRUSIVE RELATIONSHIP			
		Rossland Group — Hall Formation	lmJhs	Black, soft carbonaceous shale, buff to brown argillaceous sandstone; some siltstone and minor greywacke	300+
		CONFORMABLE(?) CONTACT			
		Elise Formation	lJev	Flow breccia, massive andesites and basalts, agglomerate, tuff, breccia; black, laminated siltstone (lJes); augite porphyry (lJei)	2,130-3,000
		CONFORMABLE(?) AND INTERDIGITATED CONTACT; UNCONFORMABLE ON MOUNT ROBERTS FORMATION			
		Archibald Formation	RJAY	Black, hard, brittle, laminated siltstone, commonly tuffaceous, and arenaceous argillite	900
PALEOZOIC	PENNSYLVANIAN(?)	INTRUSIVE RELATIONSHIP WITH ROSSLAND GROUP, BUT MAY BE COLD INTRUSION			
		Ultramafic Intrusions	mPum	Serpentinite; some dunite	
		INTRUSIVE CONTACT			
		Mount Roberts Formation	MPmR	Black siltstone and argillaceous quartzite, slate, greywacke, chert, pebble conglomerate, lava flows; limestone (Pmrl); paragneiss (Pmrgn)	1,200-1,500
	CARBONIFEROUS(?)	RELATIONSHIP UNKNOWN			
		Map unit Cs	MPM	Black argillite, slate, phyllite, minor chert and greenstone; grey to black limestone (Csl)	2,100
	AGE UNKNOWN	RELATIONSHIP UNKNOWN			
		Gneiss in Bonnington Pluton	ATRsm	Layered granitoid gneiss and amphibolite	
		RELATIONSHIP UNKNOWN			
		Porphyritic leucogranitic rocks	ATRsm lgd	Porphyritic leucogranite	
		RELATIONSHIP UNKNOWN			
		Castlegar Gneiss	ATRsm	Augen gneiss	
		GRADATIONAL CONTACT			
		Trail Gneiss	ATRsm	Amphibolite and grey biotite gneiss, hornblende gneiss, mica schist, aplite, and pegmatite; mylonitized gneiss (pCtgnm)	1,200

BASE NOT EXPOSED

PROPERTY GEOLOGY

The property geology is illustrated on Figure 2 and on the accompanying four geology and traverse maps depicting the work completed on the property. A brief review of the underlying geology follows.

Carboniferous rocks (Milford Group equivalents) underlie the Waneta 1 claim south of Pend D'Oreille River in apparent thrust contact with underlying andesites of the Elise Formation which is exposed north of the river. Numerous mafic syenite dykes (Coryell) intrude these andesites. The main trace of the Waneta thrust fault, which here lies just south of the Pend D'Oreille River, is offset in a left-lateral sense along the western edge of the Waneta 2 claim.

The Waneta 2 to 7 claims, most of the Waneta 8 claim, and the central portion of the Waneta 9 claim are underlain by black argillites (interbedded with chert, quartzite, and phyllite) and by white to light blue-grey limestone of Carboniferous age. These have been intruded by numerous plugs and dykes of the Coryell and Sheppard intrusives.

The area south of Pend D'Oreille River is underlain by Carboniferous greenish-brown phyllites and black argillites and green phyllites of the Upper Laib Formation, which extends east of the Waneta 5 claim and underlies the southern portion of the Waneta 9 claim and most of the Waneta 10 claim. Very siliceous and pyritic zones were found within this area.

Andesites of the Elise Formation underlie most of the Waneta 1 claim, the northern parts of the Waneta 6 and 9 claims, and the northeastern part of the Waneta 8 claim, where a splay of the Waneta Fault occurs.

ECONOMIC GEOLOGY

The spatial coincidence of overthrust rocks with multiple carbonate horizons (interbedded with relatively impermeable slates and argillites) and numerous small Tertiary intrusives presents a geological setting favourable for the development of replacement and disseminated type gold mineralization similar to the "Carlin" gold deposits in Nevada.

Small quantities of placer gold have been produced intermittently from the gravels along the lower reaches of Pend D'Oreille River, and numerous placer occurrences are known along Columbia River, downstream from the mouth of the Pend D'Oreille.

This placer gold may in part have been derived from within the property. Two lode occurrences are documented in the area: (1) the Blue Star adit, located in the centre of the Waneta 9 claim; and (2) the Bunker Hill workings, located on the eastern edge of the Waneta 10 claim. No production was recorded from either of these occurrences. Considerable work was completed at the Bunker Hill prospect in which, from all reports, the gold values were very low and erratic.

A geological similarity exists between the Waneta claims and that of the "Carlin" deposit. Given the finely disseminated nature of this type of gold mineralization, it is unlikely that conventional prospecting methods conducted in the past would have led to a discovery of this type of microscopically disseminated gold deposit.

1984 FIELD PROGRAM

An extended research study of southern British Columbia in 1982 identified a geological setting with good potential for "Carlin" type gold mineralization in the area of the Waneta claims.

The exploration approach employed was intended to delineate the underlying geology of the property and to identify areas containing potential replacement and disseminated gold mineralization.

Detailed prospecting and geological mapping were completed over the property with emphasis placed on those portions which were not covered in 1983 and any areas which were deemed potentially mineralized from the 1983 exploration program. In addition, a comprehensive lithogeochemicl and silt sampling program was completed over the entire property.

The reconnaissance geological mapping was designed to pinpoint the location of the Waneta Fault. The silicified carbonaceous limestones, cherts, and/or argillites mapped adjacent to the Waneta Fault were systematically sampled, as well as argillites, phyllites, and pyritic carbonaceous limestones which were locally brecciated and silicified.

Sample descriptions and analytical results are presented in the Appendix. Maps 1 to 4 (in the back pocket) depict the sample locations, analytical results, and property geology.

LITHOGEOCHEMICAL SAMPLING

Minor malachite associated with argillic altered and brecciated argillite flanked by two mafic syenite dykes was found within Jurassic sediments at one location (JD-56 = 2 ppb Au, 20 ppb Ag, 8 ppb As, 38 ppm Sb, 26 ppm Cu). Minor chalcopyrite and galena were discovered in a small pod of mineralization hosted by intrusive rocks (Waneta 6).

Lithogeochemical sampling was completed throughout the property. A few of these samples returned slightly to moderately anomalous analytical results in Au, Ag, or As.

Sample FC-109 (Waneta 6): 10 ppb Au, 4600 ppb Ag, 33 ppm As, 0.6 ppm Sb, 14 ppm Cu. The sample was collected from a siliceous pyritic limestone near a chert horizon. The analytical results returned anomalous Ag values but with no correspondingly high values in the other elements. This lack of correspondence downgrades the importance of the high silver content. Silver has a negative correlation with gold associated with "Carlin" type mineralization, and consequently these anomalies provide little encouragement that this style of mineralization will be found.

In the northern sector of the Waneta 6 claim, lithogeochemical samples were collected along the plane of the Waneta Fault. A number of these samples returned anomalous As results.

Sample	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
TT-84-149	26	220	214	1.6	91
JD-81	12	650	39	6.8	76
JD-82	2	610	48	1.7	30
JD-83	<2	190	2	3.5	129
JD-85	28	360	158	33.0	22

A corresponding slight enrichment in Au and/or Sb is noticeable. One could infer that the hydrothermal processes required for a "Carlin" type deposit were active to a limited extent.

The Waneta Fault was also prospected and sampled where it crosses the Waneta 9 claim. A number of these samples were slightly anomalous in Ag or Cu:

Sample	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
C-44	16	1470	26	1.6	118
FC-111	6	1280	1	2.3	23
TT-84-165	2	680	3	0.7	131
JD-68	8	90	8	2.8	115

These analytical results from the samples collected along the trace of the Waneta Fault indicate that the mineralizing processes needed to produce "Carlin" type mineralization were active in the area but have probably not gone far enough to produce ore-grade mineralization.

Samples were again collected from the Crown-granted Blue Star adit, located in the centre of the Waneta 9 claim to confirm the 1983 results of 422 ppb Au (0.012 oz/ton). This 1984 sampling again confirmed the presence of Au within this area. This occurrence, however, is not considered of economic importance based on analysis of sample C-46 with 1020 ppb Au (.029 oz/ton) and 1120 ppb Ag (.033 oz/ton).

A sample collected from an old adit located on the Waneta 10 claim from narrow quartz veining within Sheppard granite returned slightly anomalous Au and As (FC-64 = 46 ppb Au, 42 ppm As). A nearby outcrop of silicified limestone was slightly anomalous in Cu (FC-67 = 114 ppm Cu). Neither of these are considered significant.

STREAM SILT SAMPLING

A detailed stream silt sampling program was completed over the entire Waneta property. A few isolated sample sites returned anomalous gold or arsenic results. These may, however, reflect isolated placer terraces.

FC-22 (Waneta 3): 248 ppb Au. This sample was collected on Four Mile Creek within an area underlain by Sheppard granite. The sample was collected near an outcrop of a Coryell mafic syenite dyke and may reflect an enrichment of gold within this dyke. Other silts collected along Four Mile Creek returned negligible results.

TT-84-SS20 (Waneta 4): 44 ppb Au. This sample may reflect an isolated placer terrace. Other silt samples collected along Myers Creek and Seven Mile Creek returned negligible analytical results.

FC-40 (Waneta 7): 66 ppb Au). This sample again probably reflects an isolated placer terrace. All other samples collected along Charbonneau Creek returned negligible results.

TT-84-SS40 (Waneta 6): 44 ppm As. This sample was collected from an area underlain by silicified limestone. Other silt and lithogeochemical samples collected in the vicinity returned negligible results.

In 1983, silt sample CA-W-13 (Waneta 2) collected near a tear fault returned 102 ppb Au. This sample site was resampled (JD-42) and returned negligible results (<2 ppb Au). Lime and Reith Creeks draining this area were both systematically silt sampled with negative results.

CONCLUSIONS AND RECOMMENDATIONS

From September 18 to 24, 1984, a total of 26 man days of exploration were carried out on the property. The claims were thoroughly lithogeochemically and stream silt sampled. Additional geological mapping designed to pinpoint the location of the Waneta Fault on these claims was carried out, and lithogeochemical samples were systematically collected from the sediments mapped adjacent to the Waneta Fault.

Although minor malachite, chalcopyrite, and galena mineralization were found on the property, these occurrences are considered of little potential economic interest.

The sampling program should be more than adequate for an initial indication of the gold potential of the Waneta claims. A number of these samples returned anomalous Au, Ag, As, Sb, and/or Cu analytical results, indicating that the mineralizing processes needed to produce "Carlin" type mineralization were active in the area but have probably not gone far enough to produce ore-grade mineralization.

It is recommended that no further work be done on most of the claims with the exception of limited follow-up of the anomalous lithogeochemical areas outlined along the Waneta Fault on the Waneta 6 and 9 claims. The property should be reduced in size to include only the Waneta 6 and 9 mineral claims.

A P P E N D I X

Rock Sample Descriptions

Analytical Techniques

Certificates of Analysis

Summary of Personnel

Summary of Expenditures

ROCK SAMPLE DESCRIPTIONS

C-34	carbonaceous argillite, dark grey, splotchy rusty weathering, massive.
C-36	siliceous dolomite, dark grey.
C-40	Sheppard syenite.
C-42	carbonaceous argillite, extensively sheared @ 047° dip 77°S, horizontal slickensides, minor limonite staining along joints.
C-43	andesite, grey, porphyry dyke, minor disseminated pyrite, intruding carbonaceous shale.
C-44	argillite, pyritic, sheared contact between argillite and Elise volcanics; Waneta Fault material.
C-45	argillite, black, rusty weathering, thinly laminated, strike 071° dip 74°SE.
C-46	Blue Star adit; silicified argillite, pyritic, sample from deeply rusty, highly pyritized cherty or siliceous argillite, strike 153° dip 70°W of bedding.
C-47	Blue Star adit; black siliceous argillite, cherty, minor disseminated pyrite, massive, light grey; siliceous argillite (cherty) containing pyrite cubes and stringers (collected from end of adit).
C-48	argillite, pyritic, phyllitic, quartz stringers; strike 180° vertical.
C-49	argillite, phyllitic, numerous quartz stringers.
C-50	chert, beige.
C-51	limestone, grey, brecciated, interbedded with cherty bands, limestone becoming silicified; C-50 and C-51 from same outcrop.
C-52	limestone, grey, brecciated, silicified.
C-55	argillite, greenish-grey, massive (Elise Fm).
C-56	phyllite, grey, rusty weathering, brecciated, in contact with feldspar porphyry (Elise Fm).
C-57	argillite, grey, thin bedded, rusty spotted weathering (narrow outcrop along shoreline).
C-58	argillite, pyritic, rusty weathering, thin bedded strike 056° dip 40°S.
C-59	argillite, greenish-grey, massive, in contact with platy phyllite.
* C-60	andesite, massive, greenish-grey.
* C-61	andesite, grey, rusty spotted weathering, grading to massive green andesite, intruded by mafic syenite dykes.

* not analyzed

C-63	limestone, grey, highly brecciated, numerous calcite stringers, minor quartz stringers; outcrop occurs along edge of tear fault, slightly siliceous.
C-67	argillite, black, brecciated, numerous calcite stringers, sharp contact with Sheppard syenite, bedding strike 174° dip 37°W.
C-68	argillite, black, platy, thin bedded, strike 047° dip 39°SE, numerous quartz-calcite stringers.
C-69	argillite, platy, black, carbonaceous, convoluted foliation, numerous narrow calcite and quartz stringers strike 035° dip 40°SE.
C-70	argillite, black, brecciated, carbonaceous, platy, numerous calcite stringers, minor quartz stringers.
C-71	phyllite, black, carbonaceous, shear zone 4 metres wide within black carbonaceous argillite, numerous calcite-quartz stringers, spotty rusty weathering.
C-72	argillite, massive, green, spotty rusty weathering, platy.
C-73	argillite, black, rusty, highly brecciated, numerous calcite stringers, minor quartz stringers; in contact with Sheppard syenite.
C-74	argillite, black, carbonaceous, highly brecciated, rusty weathering, minor quartz-calcite stringers, convoluted bedding; collected from highly altered shear zone within the argillite.
C-76	argillite, black, rusty weathering, carbonaceous, massive, minor quartz-calcite stringers strike 076° dip 32°S.
C-77	argillite, black, massive, slightly calcareous.
JD-45	limestone, carbonaceous, black calcite blebs, white calcite along joint surfaces.
JD-47	granite, biotite, equigranular, minor pyrite.
JD-54	tuff-lithic, medium grey, feldspar laths, biotite mafics.
JD-55	phyllite, carbonaceous, highly sheared, limonite staining along joints, platy cleavage strike 050° dip 82°S.
JD-56	siltstone, argillic altered, buff-brown weathering, malachite blebs on joint surfaces, banded by mafic syenite dykes.
JD-57	siltstone, carbonaceous, sheared, brecciated, calcite fracture filling, limonite staining along fractures.
JD-58	siltstone, sheared, pyritized, proximal to dyke (mafic syenite).
JD-59	dyke (mafic syenite), biotite phenocrysts within dark groundmass.
JD-60	siltstone, brecciated, pyrite and quartz banded by mafic syenite dykes.
JD-61	diabase dyke, possible spinaflex texture, minor limonite stain.
JD-63	siltstone, carbonaceous, pyritized, slightly silicified adjacent to dyke.

JC-64	chert, massive, banded, contorted bedding with minor sulphides.
JD-65	argillite, dark grey, rusty weathering along joint surfaces.
JD-66	chert, massive, banded, contorted bedding.
JD-67	limestone, medium to dark grey, brecciated with calcite fracture filling, minor pyrite.
JD-68	argillite, carbonaceous, thinly bedded, rusty weathering, strike 116° dip 12°NE.
* JD-69	trachyte, light greenish-grey, porphyritic with feldspar porphyry, minor disseminated pyrite.
JD-70	argillite, carbonaceous, brecciate, pyrite fracture filling, limonite weathering surfaces.
JD-71	phyllite, carbonaceous, contorted bedding, pyritic, limonite stained.
JD-72	phyllite, carbonaceous, pyritic, minor quartz veining.
JD-73	argillite, carbonaceous, pyrite cubes, limonite stain, thin bedded.
JD-74	argillite, carbonaceous, pyrite cubes up to 4 mm, thin to medium bedded, strike 228° dip 82°W.
JD-75	argillite, carbonaceous, pyritic with cubes up to 6 mm, strike 060° dip 44°S.
JD-76	argillite, slaty, carbonaceous, thinly laminated, minor limonite staining along joint surfaces.
JD-77	limestone, carbonaceous, silicified with darker grey quartz bands, brecciated with calcite fracture filling, minor pyrite.
JD-78	limestone, carbonaceous, brecciated, white weathering, massive, silicified.
JD-79	limestone, silicified, argillaceous, carbonaceous, massive, brecciated, pyritic.
JD-80	chert, carbonaceous, brecciated with calcite filling, massive, limonite staining on some joint surfaces.
JD-81	argillite, carbonaceous, interbedded with black chert, pyritized, brecciated.
JD-82	argillite, carbonaceous, pyritic, thin bedded, slightly silicified, strike 080° dip 30°E.
JD-83	argillite, carbonaceous, weakly silicified, minor pyrite.
JD-84	agglomerate, brecciated, subrounded volcanic fragments in andesite matrix.
JD-85	argillite, carbonaceous, pyritic, small Sheppard dyke nearby
JD-86	mafic syenite, dark brown, biotite phenocrysts.
JD-87	argillite, carbonaceous, chevron folds, pyrite, limonite stained joint surfaces.

* not analyzed

	JD-88	limestone, carbonaceous, dolomitic, brecciated with white calcite fracture filling, siliceous.
	JD-89	argillite, carbonaceous, poorly indurated.
*	FC-31	white quartz vein, minor limonite in fractures after pyrite.
*	FC-32	limestone, carbonaceous, silicified, argillaceous, pyritic, rusty brown weathering.
*	FC-34	chert, white, pyritic, brecciated, limonite weathering.
	FC-36	mafic syenite dyke, biotite phenocrysts, dark brownish-green, recessive weathering.
	FC-37	granite, porpylitic altered, minor pyrite, quartz veining.
*	FC-38	quartz vein, including fragments of argillite, limonite blebs after pyrite.
*	FC-39	chert, thoroughly silicified limestone, minor sulphides.
*	FC-42	phyllite, thinly laminated, dark grey, weakly brecciated, limonite stained.
*	FC-54	granite, minor limonite staining, highly fractured.
*	FC-57	granite, minor limonite staining, highly fractured.
	FC-64	granite, propylitic altered, pyritized, 1-2 mm of limonite along fracture surface.
*	FC-65	granite, minor limonite staining, highly fractured.
	FC-67	limestone, argillaceous, carbonaceous, pyritic, limonite weathering.
	FC-72	limestone, light grey, silicified, finely disseminated pyrite, brecciated, limonite staining on weathered surfaces.
	FC-82	quartz vein, minor pyrite, limonite weathering.
	FC-85	argillite, carbonaceous, brecciated with calcite fracture filling, minor pyrite.
	FC-89	argillite, carbonaceous, slaty, fractured with calcite fracture filling, finely disseminated pyrite.
	FC-90	limestone, carbonaceous, brecciate, minor pyrite and limonite staining.
	FC-92	phyllite, light grey, silicified, minor pyrite.
	FC-93	limestone, light grey, silicified, brecciated with quartz fracture filling, limonite staining.
*	FC-95	andesite, medium greyish-green, limonite stained.
	FC-99	argillite, carbonaceous, wavy bedded, slightly pyritic, limonitic.
	FC-101	limestone, medium grey, silicified, brecciated / quartz frac filling.
	FC-102	limestone, light grey, fractured with coarsely crystalling calcite fracture filling.

* not analyzed

	FC-103	limestone, carbonaceous, brecciated with calcite frac. fill.
	FC-104	limestone, as above.
	FC-105	limestone, light grey, hackly weathering, brecciated.
	FC-106	limestone, dark grey, brecciated with white calcite frac.fill.
	FC-107	limestone, as above.
	FC-108	limestone, argillaceous, silicified, brecciated with quartz and calcite, limonitic, jasperoid tan to orange weathering.
	FC-109	limestone, light grey, silicified with chert bands, calcite fracture filling, pyritic.
	FC-110	limestone, medium to dark grey, pyritic with limonite stained weathered surface.
	FC-111	argillite, carbonaceous, pyritic, quartz veined.
	FC-112	argillite, carbonaceous, pyritic, sheared, limonite stained.
	FC-113	andesite, greenish-grey, limonite stained.
*	FC-114	argillite, greenish-grey, limonite stained.
	TT-84-119	syenite, leucocratic, argillic altered, sheared with limonite along shears.
*	TT-84-120	argillite, carbonaceous, sheared and limonite coated.
*	TT-84-121	quartz, white, limonite stained, euhedral pyrite.
*	TT-84-122	limestone, silicified, carbonaceous, quartz and calcite stringers.
*	TT-84-123	argillite, carbonaceous, fine calcite fracture filling, minor limonite.
*	TT-84-124	granite, equigranular, medium greenish-grey, sheared, calcite fracture filling.
*	TT-84-125	limestone, carbonaceous, silicified, brecciated with calcite fracture filling.
*	TT-84-126	andesite, propylitic altered, medium green.
*	TT-84-128	Sheppard syenite, pink.
	TT-84-129	limestone, massive, grey, brecciated with calcite frac. fill.
	TT-84-130	limestone, massive, grey, siliceous, brecciated.
*	TT-84-131	calcite, massive, beige.
	TT-84-132	limestone, massive, grey, wide beige sugary calcite veins.
*	TT-84-133	andesite, green, slightly calcareous.
	TT-84-134	phyllite, greenish-grey, numerous quartz veinlets.
	TT-84-135	phyllite, black, carbonaceous, numerous quartz stringers.
	TT-84-136	argillite, siliceous, brecciated, rusty blebs throughout; in contact with Sheppard intrusion.

* not analyzed

*	TT-84-137	Sheppard syenite.
*	TT-84-138	Sheppard syenite.
*	TT-84-139	Sheppard syenite.
*	TT-84-140	Sheppard syenite.
	TT-84-141	argillite, black, massive, brecciated, slightly calcareous.
	TT-84-142	argillite, black, massive, brecciated, slightly calcareous, strike 140° dip 78°S.
*	TT-84-143	black mafic biotite syenite (Coryell).
	TT-84-144	argillite, black, rusty weathering, highly brecciated, minor quartz-calcite stringers.
	TT-84-145	phyllite, platy, greenish-grey, strike 078° dip 30°S.
	TT-84-146	phyllite, greenish-grey and black, platy, strike 170° dip 13°W.
	TT-84-147	argillite, greyish-black, massive, minor calcite stringers.
*	TT-84-148	andesite dyke, greenish-grey.
	TT-84-149	limestone, light grey, siliceous, minor pyrite.
*	TT-84-150	andesite, greenish-grey, massive (Elise Fm).
*	TT-84-151	andesite, greenish-grey, massive, brecciated (Elise Fm).
*	TT-84-152	as above, rusty weathering along fractures.
*	TT-84-153	andesite, massive, greyish-green, brecciated, numerous calcite stringers (Elise Fm).
	TT-84-154	argillite, carbonaceous, black, spotty rusty weathering.
*	TT-84-155	biotite feldspar syenite (Coryell).
	TT-84-156	argillite, black, rusty weathering, massive.
	TT-84-157	limestone (chert), dark grey, siliceous, brecciated.
	TT-84-158	limestone, dark grey, brecciated.
	TT-84-159	limestone, dark grey, brecciated.
	TT-84-160	limestone, light grey, highly brecciated.
*	TT-84-161	andesite, massive, green (Elise Fm).
	TT-84-162	argillite, black, platy.
	TT-84-163	andesite, black, brecciated, disseminated pyrite.
	TT-84-164	argillite, greenish-grey, platy, disseminated pyrite cubes, minor quartz-calcite stringers; Trench 1.5 m deep x 5 m long, follows a 40 cm wide vertical quartz vein, Fol 145° dip 42°E.
	TT-84-165	argillite, grey, massive, siliceous, banded.
	TT-84-166	argillite, green, massive.
	TT-84-167	argillite, greenish-grey, brecciated, convoluted foliation.
	TT-84-168	argillite, greenish-black, platy, carbonaceous, convol.fol.

* not analyzed

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SAMPLE PREPARATION

Soil and sediment samples are dried and sieved through 80 mesh nylon screen (maximum particle size 200 microns).

Rock or drill core samples are crushed to approximately 1/8" in a jaw crusher, riffled to obtain a representative sample, and pulverized to 100 mesh (180 micron particle size).

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FIRE ASSAY/AA METHOD FOR GOLD AND SILVER
PLATINUM AND PALLADIUM

Approximately 1 assay ton of prepared sample is fused with a litharge flux charge to obtain a lead button. The button is cupelled down to a precious metal prill which is then dissolved in aqua regia. The resulting solution is analysed by atomic absorption spectrophotemetry to determine the precious metals.

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ANALYTICAL METHODS FOR BASE METALS

Cd, Cr, Co, Cu, Fe (soluble), Pb, Mn (soluble), Mo, Ni, Ag, Zn

A portion of the prepared sample is digested in hot nitric/perchloric acid mixture, or hot aqua regia (nitric/hydrochloric acids).

Elements are determined by atomic absorption spectrophotometry.

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ANALYTICAL METHOD FOR ARSENIC AND ANTIMONY

A portion of the prepared sample is digested in acid at low temperature. As and Sb are determined with a vapour generation accessory with atomic absorption.

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ANALYTICAL REPORT

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Sample No. Rock		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
C-1	Mid	24	70	2	3.2	24
2		10	150	3	1.3	50
3		2	230	3	2.0	34
4		8	140	2	4.2	74
5	Bird	12200	10200	1	0.3	9800
6		6	50	1	-0.1	25
7		-2	20	-1	0.3	6
8		2	40	5	0.8	5
9		-2	50	3	0.5	9
10		4	50	10	1.1	7
11		-2	100	3	0.2	13
12		8	1720	3	0.9	2
13		2	110	-1	0.7	50
14		8	80	3	14.3	68
15		2	120	6	1.7	50
25	CA	4	50	-1	1.5	5
29		2	10	-1	1.7	5
29		-2	20	2	0.7	4
34	Waneta	6	130	14	0.8	34
36		-2	50	4	1.7	51
40		2	140	15	1.8	4
42		2	180	-1	0.3	23
43		2	300	16	1.6	40
44		16	1470	26	1.6	118
45		6	140	9	0.4	56

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Sample No. / Rock		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
C-46	Waneta	1020	1120	83	1.1	52
47		6	120	13	0.6	14
48		-2	30	23	0.8	50
49		2	30	1	0.1	4
50		4	110	-1	0.6	5
51		18	260	2	1.6	3
52		6	110	-1	0.8	3
55		-2	40	9	0.3	43
56		4	40	16	1.1	21
57		4	80	20	1.1	37
58		8	470	8	4.9	22
59		6	210	35	0.9	167
63		-2	20	2	1.8	163
67		-2	100	3	0.2	13
68		-2	40	12	0.4	19
69		4	40	-1	0.6	15
70		6	120	-1	0.5	22
71		14	500	41	4.1	82
72		4	20	-1	0.3	15
73		4	80	4	0.8	10
74		10	300	33	2.7	38
76		2	290	-1	1.1	27
77		2	50	-1	1.0	14
FC- 5	AG	2	110	-1	0.4	2
18	CA	-2	10	11	0.4	8

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Sample No. Rock		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
FC-36	Waneta	2	50	3	0.5	19
37		-2	200	8	0.6	27
64		46	500	42	0.6	5
67		12	560	9	3.0	114
72		12	140	54	4.9	50
82		2	310	-1	0.2	4
85		8	40	9	3.0	13
89		-2	110	13	0.7	39
90		4	150	11	1.2	42
92		4	120	5	0.4	42
93		8	150	12	1.8	16
99		28	280	6	1.7	20
101		2	20	-1	0.2	2
102		8	130	3	1.4	5
103		6	30	-1	0.6	5
104		-2	90	-1	0.9	5
105		-2	10	-1	0.5	5
106		-2	30	-1	1.3	5
107		8	30	-1	0.6	2
108		8	150	14	0.9	15
109		10	4600	33	0.6	14
110		8	130	28	3.1	26
111		6	1280	1	2.3	23
112		-2	50	1	0.6	44
113		-2	90	3	0.6	93

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Sample No. Rock		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
JD-36	CA	-2	10	-1	2.0	2
38		-2	10	3	0.3	19
39		10	20	-1	-0.1	18
40		6	10	-1	0.1	3
45	Waneta	2	30	2	1.6	126
47		6	10	1	0.6	46
54		2	40	1	0.9	13
55		-2	10	-1	0.4	17
56		2	20	8	38.0	26
57		6	110	2	3.3	54
58		2	40	7	1.9	33
59		-2	40	8	2.1	39
60		2	110	3	3.0	45
61		-2	40	2	2.7	31
63		10	70	10	1.4	69
64		6	60	-1	0.9	44
65		-2	110	-1	1.1	79
66		-2	10	2	1.4	5
67		-2	30	-1	1.2	3
68		8	90	8	2.8	115
70		-2	60	13	0.6	11
71		-2	10	-1	0.2	16
72		-2	10	5	0.4	30
73		4	30	15	1.1	18
74		-2	10	-1	0.7	13

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Sample No. / Rock		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
JD-75	Waneta	-2	10	2	0.9	9
76		-2	30	3	0.7	16
77		4	90	8	1.6	87
78		4	140	-1	1.6	5
79		-2	370	13	3.0	21
80		4	70	18	1.4	20
81		12	650	39	6.8	76
82		2	610	48	1.7	30
83		-2	190	2	3.5	129
85		28	360	158	33.0	22
86		-2	50	3	1.0	36
87		14	860	19	4.2	58
88		4	70	3	1.1	7
89		14	170	3	1.1	22
TT-84-100	Violin	2	-10	-1	0.4	3
101		-2	20	1	0.7	47
102		16	1800	9	1.1	5
103		6	40	4	0.6	21
104		6	100	6	1.1	68
105		4	70	9	1.0	21
106	Bird	2	60	2	1.1	57
107		-2	20	-1	0.4	8
108		-2	30	4	0.4	23
109		4	120	7	0.3	23
110		2	100	13	0.3	47

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Sample No. Rock		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
TT-84-111	Bird	48	80	11	0.3	87
112	AG	44	180	2	0.5	11
113		8	90	2	0.3	16
114		-2	10	-1	0.3	13
115		-2	-10	1	0.2	7
116		10	210	-1	0.1	40
117		-2	80	-1	0.1	18
118		4	330	3	147.0	43
119	Waneta	8	160	11	1.0	8
129		-2	100	2	0.8	5
130		-2	90	3	0.6	3
132		6	140	-1	0.3	5
134		-2	10	16	0.4	36
135		-2	40	4	0.4	22
136		2	10	6	0.3	16
141		-2	60	20	1.0	29
142		-2	70	3	0.9	24
144		-2	250	24	1.6	23
145		2	130	10	0.6	24
146		2	520	12	0.6	12
147		-2	30	12	0.7	23
149		26	220	214	1.6	91
154		2	260	20	6.5	30
156		4	320	8	1.4	21
157		2	20	-1	0.2	3

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Sample No. Rock	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
TT-84-158 Waneta	-2	160	-1	1.1	4
159	-2	50	-1	0.6	5
160	4	80	-1	0.4	5
162	4	260	-1	0.4	9
163	-2	50	-1	0.4	56
164	6	370	8	0.4	46
165	2	680	3	0.7	131
166	-2	40	-1	0.8	120
167	2	160	6	0.9	59
168	2	100	3	0.4	50

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Sample No. Soil		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
C-16	CA	-2	40			
17		4	40			
18		-2	50			
19		-2	50			
20		-2	60			
21		-8	120			
22		-8	40			
23		-8	120			
24		I.S.				
26		-8	40			
27		-4	100			
28		I.S.				
30	Waneta	8	80	8	0.9	25
31		4	100	9	1.4	31
32		-4	100	12	1.3	34
33		-4	100	8	0.9	28
35		-8	200	7	1.6	34
37		-2	90	12	1.0	54
38		28	50	11	0.9	46
39		18	70	10	1.3	50
40		12	80	12	1.1	50
53		-2	60			
54		6	60			
62		2	260			
64		8	150			

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Sample No. Soil		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
C-65	Waneta	-2	90			
66		6	180			
75		2	70			
FC-10	CA	I.S.				
11		-2	20			
12		I.S.				
13		I.S.				
14		I.S.				
15		-4	20			
16		I.S.				
17		-2	20			
19	Waneta	-4	80	10	1.3	41
20		8	80	10	1.1	37
21		-8	80	13	1.3	40
22		248	110	12	1.1	42
23		12	30	8	0.9	31
24		6	40	10	1.1	34
25		18	60	10	1.1	36
26		I.S.		11	1.1	38
27		16	60	10	1.0	37
28		-8	40	11	1.2	36
29		8	80	13	1.3	46
30		8	80	11	1.0	37
33		6	150	13	1.4	54
35		8	240	15	2.9	35

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Sample No. Soil	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
FC-40 Waneta	66	100	13	1.0	41
41	8	90	8	1.1	36
43	12	100	11	1.0	41
44	I.S.		11	1.3	40
45	-8	80	11	1.1	57
46	I.S.		9	1.1	50
47	-8	40	12	0.9	50
48	I.S.		11	1.1	62
49	-2	70	12	0.9	57
50	-4	100			
51	8	160			
52	8	160			
53	I.S.				
55	-2	80			
56	I.S.				
58	36	100			
59	10	80			
60	10	80			
61	22	70			
62	122	120			
63	8	80			
66	-2	110			
68	I.S.				
69	I.S.				
70	8	120			

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Sample No. Soil	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
FC-71 Waneta	6	90			
73	I.S.				
74	I.S.				
75	-4	120			
76	-8	120			
77	4	90			
78	2	150			
79	-2	150			
80	22	150			
81	26	160			
83	-4	140			
84	-2	150			
86	6	170			
87	8	180			
88	6	220			
91	4	180			
94	I.S.				
96	8	190			
97	2	160			
98	4	220			
100	4	170			
JD-02 A Violin	4	220	5	0.6	32
02 B	8	90	5	0.5	16
03	4	280	4	1.6	49
05	2	160	5	0.8	27

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Sample No. Soil		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
JD-09	Violin	-2	80	4	0.8	19
17		-2	80	3	0.5	16
22	Bird	16	240	8	1.0	83
23		24	330	19	0.8	138
30	CA	8	120			
34		2	50			
37		-2	90			
41		-2	60			
42	Waneta	-2	60	6	0.8	25
43		4	80	7	1.1	27
44		-2	80	11	1.4	30
46		2	80	10	1.0	32
48		4	70	9	0.8	28
49		-2	110	8	1.1	26
50		2	90	7	1.0	26
51		4	90	10	1.0	26
52		36	90	8	0.9	26
53		2	70	8	0.9	23
62		-2	90	4	0.6	20
TT-84-SS 1	Violin	8	260	8	1.1	36
2	AG	-2	170			
3		624	320			
4		-4	100			
5		-2	110			
6		2	110			

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(403) 276-8668 Telex 03-821172 CGY

TERRAMIN RESEARCH LABS LTD.

ANALYTICAL REPORT

Job # 84-262-B

Date

Client Project BC-83-5

Sample No. Soil/Sed		Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
CA	TT-84-SS 7	-2	120			
	8	-2	50			
	9	-2	70			
	10	-4	80			
	11	16	80			
	12	4	70			
	13	-2	50			
	14	-2	50			
	15	14	40			
	16	112	80			
	17	-2	70			
Waneta	18	-8	160	13	1.4	36
	19	-2	130	13	1.1	34
	20	44	140	17	1.0	34
	21	-8	160	13	1.3	33
	22	8	140	16	1.4	30
	23	-2	120	14	1.4	28
	24	-2	160	15	1.6	33
	25	-2	160	19	1.9	33
	26	8	210	13	1.6	34
	27	-2	90	13	0.7	35
	28	4	90	12	0.9	33
	29	-2	130	13	1.3	37
	30	4	140	13	1.1	36
	31	2	130	13	1.1	30

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TERRAMIN RESEARCH LABS LTD.

ANALYTICAL REPORT

Job # 84-262-B

Date

Client Project BC-83-5

Page 7/8

Sample No. Soil/Sed	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
Waneta TT-84-SS 32	-2	140	13	1.0	32
33	2	170	7	1.1	27
34	-2	110	13	1.3	33
35	4	200	8	0.9	25
36	-8	240	15	1.1	31
37	-8	280	20	1.2	41
38	8	120	17	1.4	42
39	-2	350	3	0.8	35
40	4	190	44	1.8	53
41	2	140	17	1.3	55
42	-8	160			
43	N.S.				
44	-8	280			
45	-2	160			
46	8	330			
47	-2	160			
48	24	170			
49	8	180			
50	8	200			
51	2	190			
52	4	200			
53	8	120			
54	14	110			
55	-2	130			
56	4	120			

14, 2235 - 30th Avenue N.E., Calgary, Alberta T2E 7C7
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TERRAMIN RESEARCH LABS LTD.

ANALYTICAL REPORT

Job # 84-262-B

Date

Client Project BC-83-5

Page 8/8

Sample No. Soil/Sed	Au ppb	Ag ppb	As ppm	Sb ppm	Cu ppm
Waneta TT-84-SS 57	26	140			
58	4	90			
59	-2	100			
60	4	140			
61	6	100			
62	6	90			
63	10	110			
64	-2	80			
65	-2	110			
CA SS-JD-29	8	80			

14, 2235 - 30th Avenue N.E., Calgary, Alberta T2E 7C7
(403) 276-8668 Telex 03-821172 CGY

SUMMARY OF PERSONNEL

Field	Time	
C. H. Aussant, P.Geol. 31 Templebow Way N.E. Calgary, Alta. T1Y 5B5	Sep. 18-24, 1984	7 days
J. W. Davis, P.Geol. 116 MacEwan Drive N.W. Calgary, Alta. T3K 2P7	Sep. 18-24, 1984	7 days
Fred Cook (prospector) Brabant Lake LaRonge, Sask. S0J 1L0	Sep. 19-24, 1984	6 days
Tim Termuende (prospector) Wild Horse Farm Fort Steele, B.C. V0B 1N0	Sep. 19-24, 1984	6 days

Office

C. H. Aussant, P.Geol.

J. W. Davis, P.Geol.

E. J. Barnett (secretarial)
#103, 324 - 2nd Ave. N.E.
Calgary, Alta. T2E 0E4

SUMMARY OF EXPENDITURES

Waneta 1 - 10 Mineral Claims
Nelson Mining Division
British Columbia

Pre-Field Preparation			$ 184.22
Field Personnel			
Project Supervisor	7 days @ $325/diem	2,275.00	
Project Geologist	7 days @ $250/diem	1,750.00	
Senior Prospector	6 days @ $220/diem	1,320.00	
Junior Prospector	6 days @ $145/diem	870.00	6,215.00
Transportation (travel expenses, truck rental, fuel, equipment rental, mob & demob)			1,902.72
Field Accommodation	26 man days @ $40/diem		1,040.00
Geochemical Analyses			
Rock samples (Au/Ag/As/Sb/Cu)	117 @ $17.80/ea	2,082.60	
Silt samples (Au/Ag/As/Sb/Cu)	134 @ $15.85/ea	2,123.90	4,206.50
Miscellaneous (maps, reproductions, telephone, courier, freight, disposable supplies)			75.23
Post-Field Compilation (report writing, drafting, secretarial)			1,500.00
		TOTAL	$ 15,123.67

SUMMARY OF EXPENDITURES

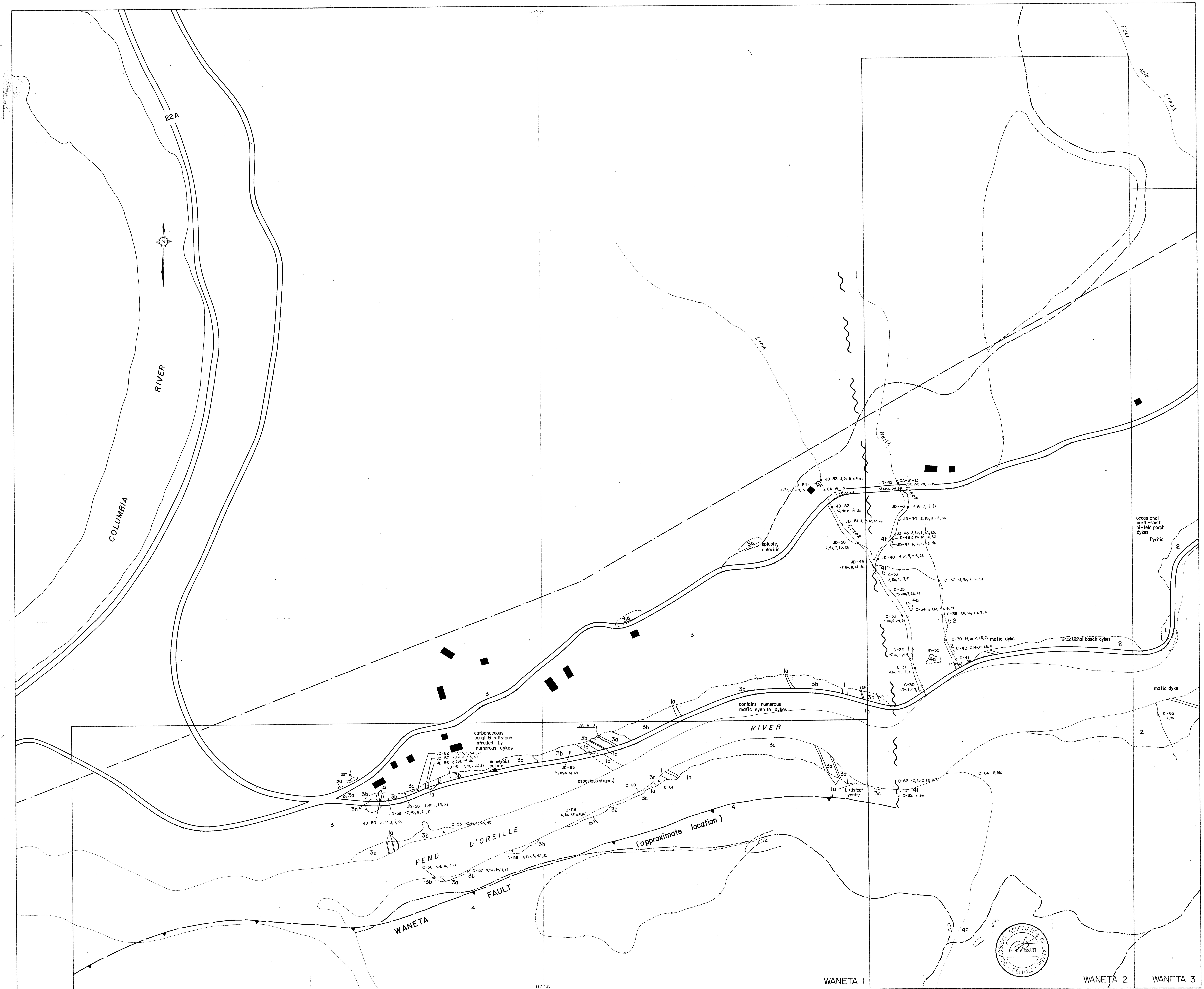
Waneta 1 to 5 Mineral Claims
Nelson Mining Division
British Columbia

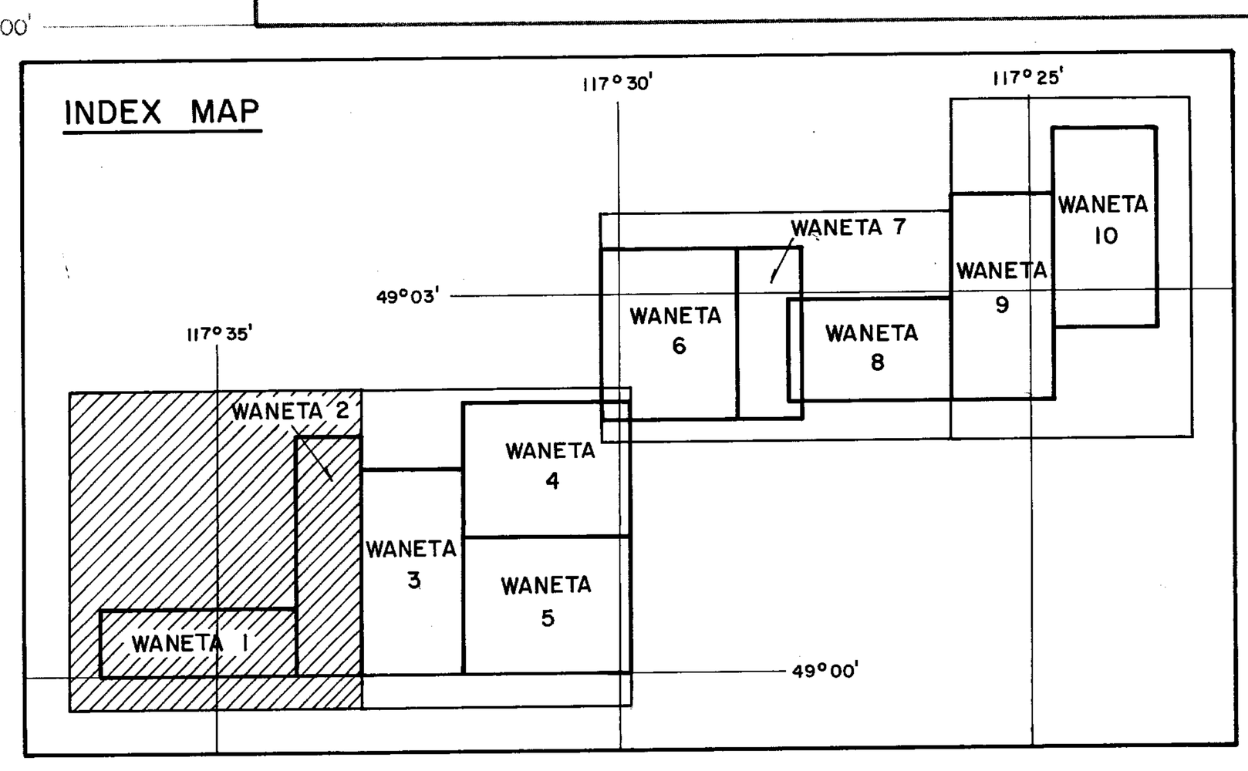
Pre-Field Preparation			$ 92.11
Field Personnel			
Project Supervisor	4 days @ $325/diem	1,300.00	
Project Geologist	4 days @ $250/diem	1,000.00	
Senior Prospector	2 days @ $220/diem	440.00	
Junior Prospector	2 days @ $145/diem	290.00	3,030.00
Transportation (travel expenses, truck rental, fuel, equipment rental, mob & demob)			951.36
Field Accommodation	12 man days @ $40/diem		480.00
Geochemical Analyses			
Rock samples (Au/Ag/As/Sb/Cu)	43 @ $17.80/ea	765.40	
Silt samples (Au/Ag/As/Sb/Cu)	85 @ $15.85/ea	1,347.25	2,112.65
Miscellaneous (maps, reproductions, telephone, courier, freight, disposable supplies)			37.61
Post-Field Compilation report writing, drafting, secretarial			750.00
		TOTAL	$ 7,453.73

SUMMARY OF EXPENDITURES

Waneta 6 to 10 Mineral Claims
Nelson Mining Division
British Columbia

Pre-Field Preparation			$ 92.11
Field Personnel			
Project Supervisor	3 days @ $325/diem	975.00	
Project Geologist	3 days @ $250/diem	750.00	
Senior Prospector	4 days @ $220/diem	880.00	
Junior Prospector	4 days @ $145/diem	580.00	3,185.00
Transportation (travel expenses, truck rental, fuel, equipment rental, mob & demob)			951.36
Field Accommodation	14 man days @ $40/diem		560.00
Geochemical Analyses			
Rock samples (Au/Ag/As/Sb/Cu)	74 @ $17.80/ea	1,317.20	
Silt samples (Au/Ag/As/Sb/Cu)	49 @ $15.85/ea	776.65	2,093.85
Miscellaneous (maps, reproductions, telephone, courier, freight, disposable supplies)			37.62
Post-Field Compilation report writing, drafting, secretarial			750.00
		TOTAL	$ 7,669.94





Road
Trail
Powerline
Building

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,489

1 Coryell Intrusions: syenite, quartz monzonite, biotite-augite monzonite
a) mafic syenite

2 Sheppard Intrusions: granite

3 Elise Formation: a) meta-andesite (greenstone), b) argillite, c) limestone

4 Carboniferous(?) — thrust belt of Kootenay Arc

- a black argillite
- b phyllite
- c quartzite
- d greywacke
- e chert
- f limestone

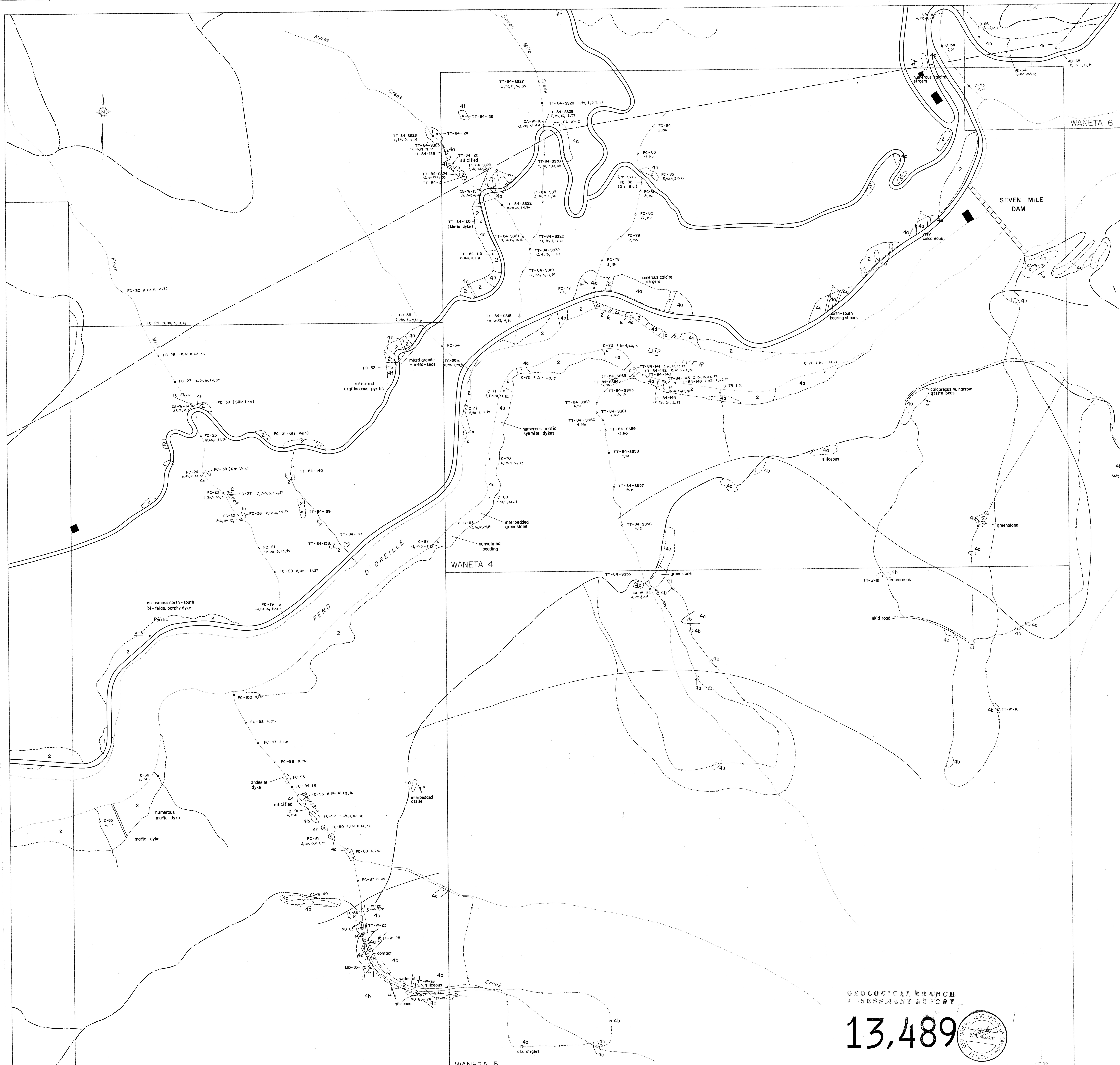
5 Upper Liab Formation: siliceous phyllite, schist, phyllitic gneiss, micaceous quartzite

Fault
Thrust Fault
Fractures
Bedding
Silt Sample
Rock Sample — geological location or geochemical sample
16, 260, 16, 1.3 Rock and silt sample results Au (ppb), Ag (ppb), As (ppm), Sb (ppm), Cu (ppm)

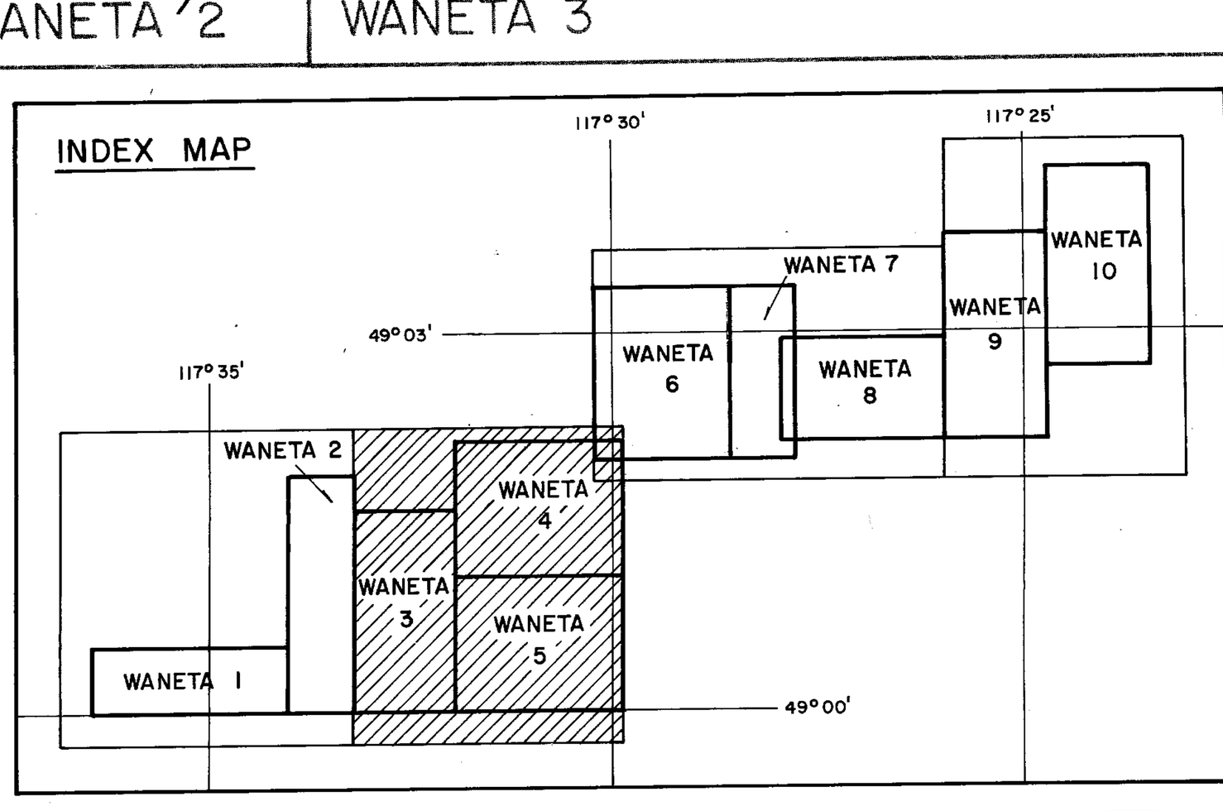
PROFESSIONAL GEOLOGIST ALBERTA — CLAUDE H. AUSSANT

GEOLOGICAL ASSOCIATION OF CANADA — C. H. AUSSANT — FELLOW

REX SILVER MINES LTD.	
WANETA 1 TO 10 CLAIMS GEOLOGY MAP	
DATE AUGUST, 1983	NTS 82 F/4
PROJECT BC-83-5	MAPPED/DRAWN BY C. AUSSANT
SCALE 1:5000	0 50 100 150 200 250 METRES
TAIGA CONSULTANTS LTD	MAP 1



Myres Creek
Seven Mile Creek
Four Mile Creek
Bearskin
Creek
PEND D'OREILLE RIVER
SEVEN MILE DAM
WANETA 2
WANETA 3
WANETA 4
WANETA 5
WANETA 6
TT-84-SS27 -2,90,13,0.7,35
TT-84-SS28 4,90,12,0.9,33
TT-84-SS29 -2,130,13,1.3,37
CA-W-16 >2,130,12,0.8
CA-W-10
TT-84-125
TT 84 SS26 8,210,13,1.6,34
TT-84-124
TT-84-SS25 -2,160,19,1.9,33
TT-84-123
TT-84-122 silicified
TT-84-SS23 -2,120,14,1.4,28
TT-84-SS24 -2,160,15,1.6,33
TT-84-121
CA-W-15 16,260,16,1.8
TT-84-SS30 4,190,13,1.1,36
TT-84-SS31 2,130,13,1.1,30
TT-84-SS22 8,140,16,1.4,30
TT-84-120 (Mafic dyke)
TT-84-SS21 -8,160,13,1.3,33
TT-84-SS20 44,140,17,1.0,34
TT-84-SS32 -2,140,13,1.0,3.2
TT-84-119 8,160,11,1,8
TT-84-SS19 -2,130,13,1.1,34
TT-84-SS18 -8,160,13,1.4,36
FC-84 2,150
FC-83 -4,140
FC-85 8,40,9,3.0,13
FC 82 (Qtz Bld.) 2,310,-1,0.2,4
FC-81 26,160
FC-80 22,150
FC-79 -2,150
FC-78 2,150
FC-77 4,90
numerous calcite strgers
north-south bearing shears
very calcareous
CA-W-17 6,30,12,1.5
C-54 6,60
C-53 -2,60
JD-66 -2,10,2,1.4,5
JD-64 6,60,-1,0.9,44
JD-65 -2,110,-1,1.1,79
CA-W-32
CA-W-33 8,440,27,1.6
FC-30 8,80,11,1.0,37
FC-29 8,80,13,1.3,46
FC-28 -8,40,11,1.2,36
FC-27 16,60,10,1.0,37
FC-26
FC 39 (Silicified)
CA-W-14 26,130,14,1.1
FC-25 18,60,10,1.1,36
FC 31 (Qtz Vein)
FC-33 6,150,13,1.4,59
FC-34
FC-35 8,290,15,2.9,35
FC-32
mixed granite + meta-seds
silisified argillaceous pyritic
FC-24 6,40,10,1.1,34
FC-38 (Qtz Vein)
FC-23 12,30,8,0.9,31
FC-37 -2,200,8,0.6,27
FC-22 298,110,12,1.1,42
FC-36 -2,50,3,0.5,19
FC-21 -8,80,13,1.3,40
FC-20 8,80,10,1.1,37
FC-19 -4,80,10,1.3,41
TT-84-140
TT-84-139
TT-84-137
TT-84-138
occasional north-south bi-felds. porphy dyke
Pyritic
W-3-1
C-73 4,80,4,0.8,10
C-72 4,20,-1,0.3,15
C-71 14,500,41,4.1,82
C-77 2,50,-1,1.0,14
numerous mafic syemite dykes
C-70 6,120,-1,0.5,22
C-69 4,40,-1,0.6,15
C-68 -2,40,12,24,19
interbedded greenstone
C-67 -2,100,3,0.2,13
convoluted bedding
TT-84-141 -2,60,20,1.0,29
TT-84-142 -2,70,3,0.9,24
TT-84-143
TT-84-145 2,130,10,0.6,24
TT-84-146 2,520,12,0.6,12
TT-84-SS65 -2,110
TT-84-SS64 -2,80
C-74 10,300,33,2.7,38
TT-84-144 -2,250,24,16,23
C-75 2,70
C-76 2,290,-1,1.1,27
TT-84-SS63 10,110
TT-84-SS62 6,90
TT-84-SS61 6,100
TT-84-SS60 4,140
TT-84-SS59 -2,100
TT-84-SS58 4,90
TT-84-SS57 26,140
TT-84-SS56 4,120
TT-84-SS55
CA-W-34 4,40,8,0.8
greenstone
siliceous
calcareous w. narrow qtzite beds
TT-W-15 calcareous
skid road
TT-W-16
FC-100 4,170
FC-98 4,220
FC-97 2,160
FC-96 8,190
FC-95
andesite dyke
FC-94 I.S.
FC-93 8,150,12,1.8,16
silicified
FC-91 4,180
FC-92 4,120,5,0.4,42
FC-90 4,150,11,1.2,42
FC-89 2,110,13,0.7,39
FC-88 6,220
FC-87 8,180
C-66 6,180
C-65 2,90
numerous mafic dyke
mafic dyke
interbedded qtzite
CA-W-40
TT-W-22 2,160,18,1.0
FC-86 6,170
MO-83-171
TT-W-23
TT-W-25
contact
MO-83-172
waterfall
TT-W-26 siliceous
MO-83-174
TT-W-27
siliceous
qtz. strgers
117° 30'
49° 00'
GEOLOGICAL BRANCH ASSESSMENT REPORT
13,489
GEOLOGICAL ASSOCIATION OF CANADA FELLOW C. H. AUSSANT



Road

Trail

Powerline

Building

1 Coryell Intrusions: syenite, quartz monzonite, biotite-augite monzonite
  a) mafic syenite

2 Sheppard Intrusions: granite

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4 Carboniferous(?) — thrust belt of Kootenay Arc

- a black argillite
- b phyllite
- c quartzite
- d greywacke
- e chert
- f limestone

5 Upper Liab Formation: siliceous phyllite, schist, phyllitic gneiss, micaceous quartzite

Fault

Thrust Fault

Fractures

Bedding

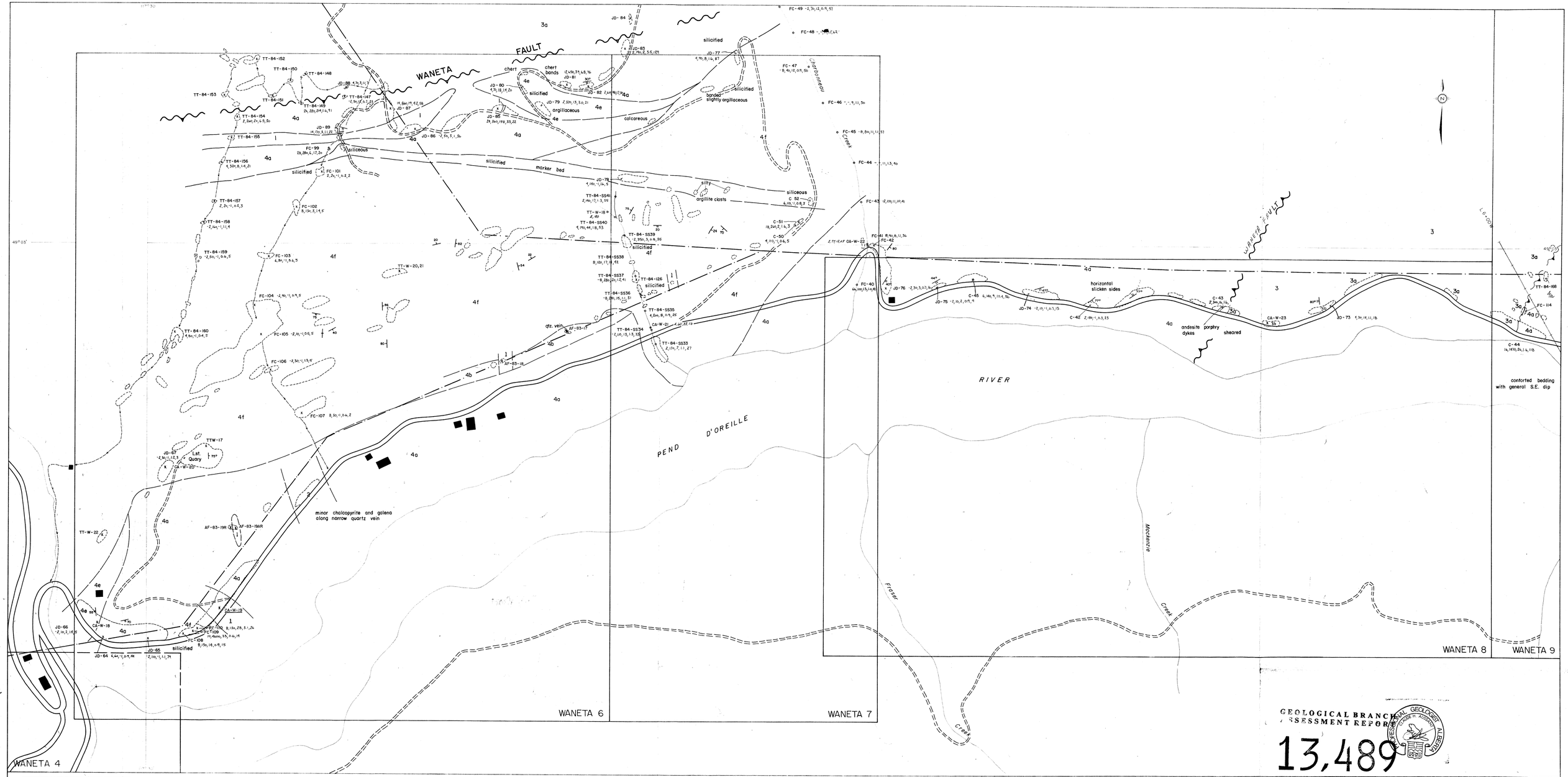
° Silt Sample

x Rock Sample — geological location or geochemical sample

24,120,28,4.2 Rock and silt sample results Au (ppb), Ag (ppb), As (ppm), Sb (ppm), Cu (ppm)

PROFESSIONAL GEOLOGIST CLAUDE H. AUSSANT ALBERTA

REX SILVER MINES LTD.	
WANETA 1 TO 10 CLAIMS	
GEOLOGY MAP	
DATE AUGUST, 1983	NTS 82 F/4
PROJECT BC-83-5	MAPPED/ DRAWN BY C. AUSSANT
SCALE 1:5000	0 50 100 150 200 250 METRES
TAIGA CONSULTANTS LTD	MAP 2



Road
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Powerline
Building

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Fault
Thrust Fault
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Bedding
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x Rock Sample — geological location or geochemical sample
Rock and silt sample results Au(ppb), Ag (ppb), As(ppm), Sb(ppm), Cu (ppm)

GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,489

GEOLOGICAL ASSOCIATION OF CANADA
C. H. AUSSANT
FELLOW

PROFESSIONAL GEOLOGIST
CLAIRE H. AUSSANT
ALBERTA
1985

REX SILVER MINES LTD.

WANETA 1 TO 10 CLAIMS

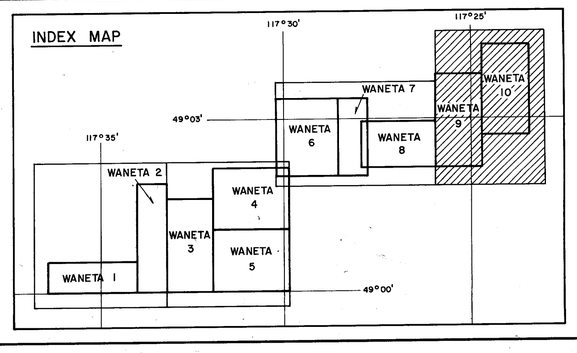
GEOLOGY MAP

DATE AUGUST, 1983	NTS 82 F/3
PROJECT BC-83-5	MAPPED/DRAWN BY C. AUSSANT
SCALE 1:5000	0 50 100 150 200 250 METRES
TAIGA CONSULTANTS LTD	MAP 3

117°25'

FC-51 8,160
Creek
FC-52 8,160
FC-53 I.S.
FC-54
FC-60, 61
FC-50 9,100
FC-55 -2,80
FC-56 I.S.
FC-58 36,100
FC-62 122,120
FC-57
FC-59 10,80
FC-63 8,80
FC-64 16,500,12,0.6,5
FC-65
FC-66 -2,110
FC-68 I.S.
FC-67 12,560,9,3,114
Silicified
FC-69 I.S.
FC-70 8,120
Limpid
FC-71 6,90
Silicified
FC-72
CA-W-26 24,120,28,1.2
FC-73 I.S.
FC-74 I.S.
JD-70 -2,60,13,0.6,11
FC-75 -1,120
FC-76 -8,120
2939
Bunker Hill
1949
JD-68 8,90,8,2.8,115
JD-69
TT-84-SS42 -8,160
TT-84-SS43 I.S.
River
TT-84-SS44 -8,280
TT-84-128
TT-84-129 -2,100,2,0.8,5
TT-84-SS45 -2,160
CA-W-30
CA-W-31 qtz. vein
WANETA FAULT
TT-84-130 -2,10,3,0.4,3
siliceous
CA-W-35
TT-84-SS46 8,350
TT-84-SS47 -2,160
TT-84-131
pyritic
Cabin
CA-W-36
TT-84-SS48 24,170
CA-W-38
Basalt dyke
CA-W-37
TT-84-163 -2,50,-1,0.4,56
TT-84-161
TT-84-162 4,260,-1,0.4,9
TT-84-163
interbedded qtzite
TT-84-164 6,870,8,0.4,46
FC-111 6,1280,1,2.5,23
TT-84-SS49 8,180
TT-84-165 2,680,3,0.7,131
TT-84-132 6,140,-1,0.3,5
TT-84-166 -2,40,-1,0.8,120
FC-112 -2,50,1,0.6,44
TT-84-SS50 8,200
interbedded qtzite
cherty shear zone pyritic
CA-W-29
Bluestar Adit
TT-84-167 2,160,6,0.9,59
FC-113 -2,90,3,0.6,93
C-46 1020,1120,85,1.1,52
C-47 6,120,13,0.6,14
TT-84-168
CA-W-28
TT-84-SS51 2,190
siliceous
FC-114
C-44 16,1470,26,1.6,118
TT-84-134 -2,10,16,0.4,56
TT-84-SS52 4,200
TT-84-SS53 8,120
TT-84-136 2,10,6,0.3,16
C-49 2,30,1,0.1,1
TT-84-135 -2,40,4,0.4,22
C-48 -2,30,23,0.8,50
qtz stringers
TT-84-SS54 14,110
CA-W-24 8,40,22,1.1
micaceous qtzite + phyllite
qtz. stringers
CA-W-39
CA-W-27
large py cubes
JD-71 -2,10,-1,0.2,16
JD-72 -2,10,5,0.4,30
very carbonaceous beds present
CA-W-25 -2,160,26,1.2
WANETA 10
WANETA 8
WANETA 9
PEND D'OREILLE RIVER
Harcourt Creek
49°03'
117°25'

INDEX MAP



Road
Trail
Powerline
Building

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a) mafic syenite

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24,120,28,1.2 Rock and silt sample results Au (ppb), Ag (ppb), As (ppm), Sb (ppm), Cu (ppm)

GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,489

PROFESSIONAL GEOLOGIST ALBERTA
CLAUDE H. AUSSANT

GEOLOGICAL ASSOCIATION OF CANADA
C. H. AUSSANT
FELLOW

REX SILVER MINES LTD.	
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PROJECT BC-83-5	MAPPED/ DRAWN BY C. AUSSANT
SCALE 1:5000	0 50 100 150 200 250 METRES
TAIGA CONSULTANTS LTD	MAP 4