GEOCHEMICAL REPORT

on the

TATSATUA PROPERTY

(PARK 20 - 22 CLAIMS)

Trapper Lake Area, British Columbia

Atlin Mining Division

N.T.S. 104K/7E

Latitude: 58° 22'N; Longitude: 132° 32.5'W

for

Pacific Century Explorations Ltd.
1100 - 808 W. Hastings St.
Vancouver, B.C.

by

Azimuth Geological Incorporated
205 - 470 Granville St.
Vancouver B.C.

Robert M. Cann, M.Sc., P. Geo.
Gregory G. Crowe, M.Sc., P. Geol.

December 1991

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SUMMARY

The Tatsatua property comprises four contiguous claims totalling 64 units and is located in northwestern British Columbia, approximately 95 km northwest of Telegraph Creek and 30 km north-northwest of the Golden Bear gold mine. Access is by float plane and/or helicopter.

Claims, which are largely overburden covered, overlie recessive Lower or Middle Jurassic Laberge Group shale, siltstone and limestone which has been intruded by a Cretaceous or Tertiary quartz monzonite stock and by felsite dykes. Regional government mapping suggests strong northwest trending faults cutting through the claims.

A gold-pyrite-arsenopyrite showing located near the centre of the claims was originally discovered by Chevron Canada Resources Ltd. in 1982 after a regional soil traverse in the area returned anomalous arsenic and gold results. No further exploration was completed until current work.

Current work consisted of reconnaissance soil sampling (167 samples over 14.4 km), prospecting and rock sampling (5 samples) and silt sampling (6 samples). Sampling and examination of the showing returned up to 0.53 g/t gold and indicated mineralization is hosted in a strong northwest trending shear forming the contact between quartz monzonite and sediments. Soil sampling located a moderate zinc-cadmium anomaly and a weak silver anomaly which may be spatially associated with northwest structures and/or northwest trending felsite dykes. The soil anomalies cannot be related to the known showing.

Further work should consist of detailed soil sampling and possibly geophysics to trace the mineralized structure and to evaluate the reconnaissance soil anomalies.

INTRODUCTION

At the request of Prime Equities Inc. (on behalf of Pacific Century Explorations Ltd.) Azimuth Geological Inc. was contracted to evaluate the Tatsatua property using geological and geochemical techniques. The property is located in northwestern British Columbia, 30 km north-northwest of the Golden Bear mine, in an under-explored but geologically attractive area.

Limited reconnaissance prospecting and soil sampling by Chevron Canada in 1982 located several soil samples containing highly anomalous concentrations of arsenic and gold, which on further investigation appeared to originate from a mineralized shear zone.

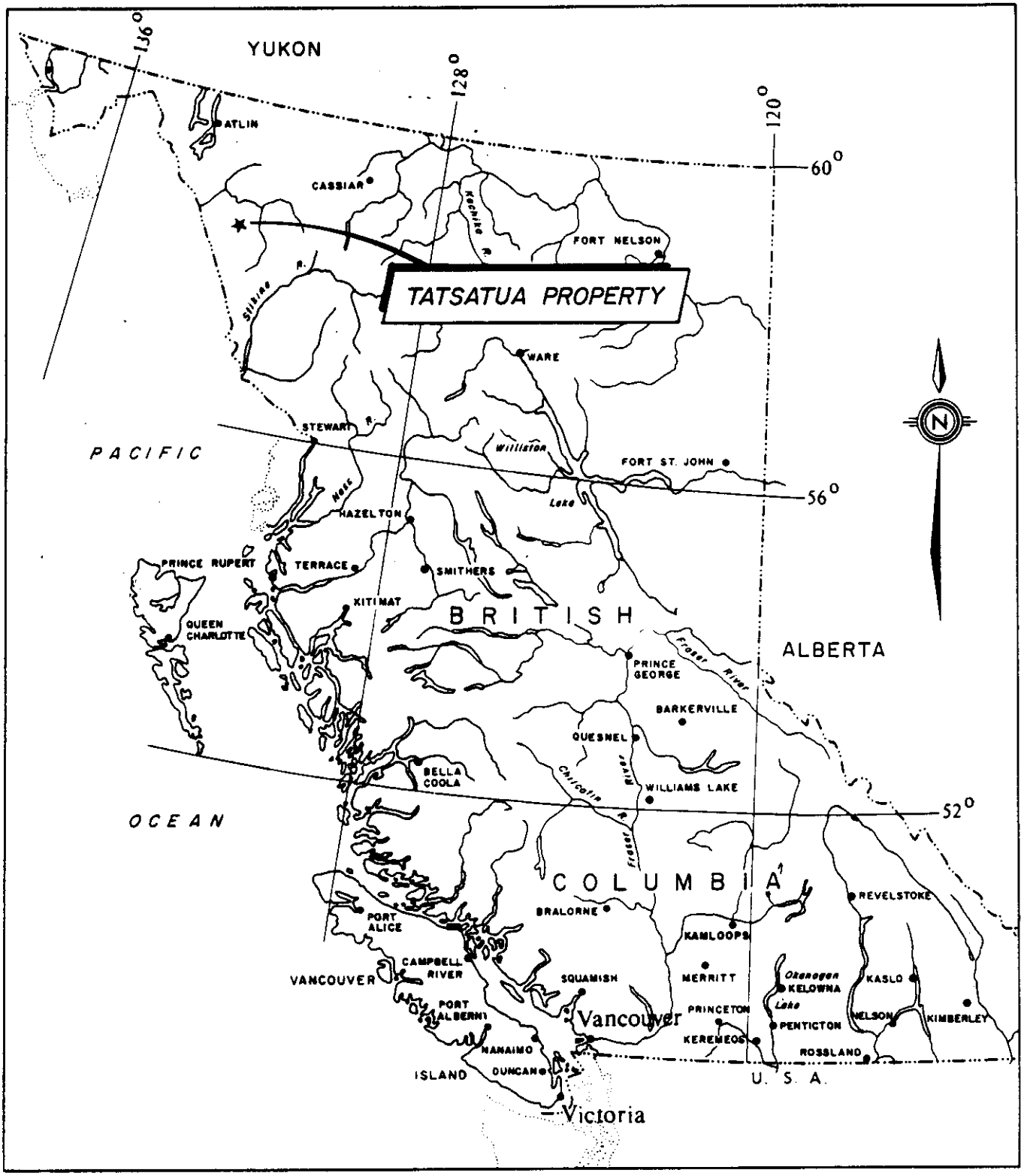
Current work was aimed at developing an understanding of the geological setting, extending the known showing, and conducting a preliminary examination of the remaining property for similar or other styles of mineralization.

LOCATION, ACCESS and PHYSIOGRAPHY

The Tatsatua property is located in the extreme northwest corner of British Columbia (Figure 1), 1200 km northwest of Vancouver and 270 km south-southeast of Whitehorse, Yukon Territory (NTS: 104K/7). Closest supply towns are Telegraph Creek, 95 km to the southeast; Dease Lake, 140 km to the east; and Juneau, Alaska, 115 km to the west-southwest.

Access to the claim area is possible by float-equipped aircraft to Trapper Lake (15 km west) or to Tatsamenie Lake (15 km south). Airstrips for conventional aircraft are located at Tatsamenie Lake, Muddy Lake (30 km south-southeast) and Tulsequah (73 km west-northwest). Final access would be by helicopter. A private road provides access from Telegraph Creek to the Golden Bear mine-site at Muddy Lake and is available for public use by prior arrangement with Golden Bear Operating Company.

Physiographically, the claims are located in the Tahltan Highland, a moderately rugged transitional zone between the Stikine Plateau and the eastern ranges of the Coast Mountains. Elevations on the Tatsatua property vary from approximately 1650 m in the northeast corner of the property to 1200 m at the southeast and northwest corners. All of the property is sub-alpine in nature.



TO ACCOMPANY REPORT NO. _____ BY _____

AZIMUTH GEOLOGICAL INC.

PACIFIC CENTURY EXPLORATIONS LTD.

TATSATUA

LOCATION MAP

Date	Scale	N.T.S.	Figure No.
OCT., 1991	1:7 500 000	104 K/8	1

CLAIM STATUS

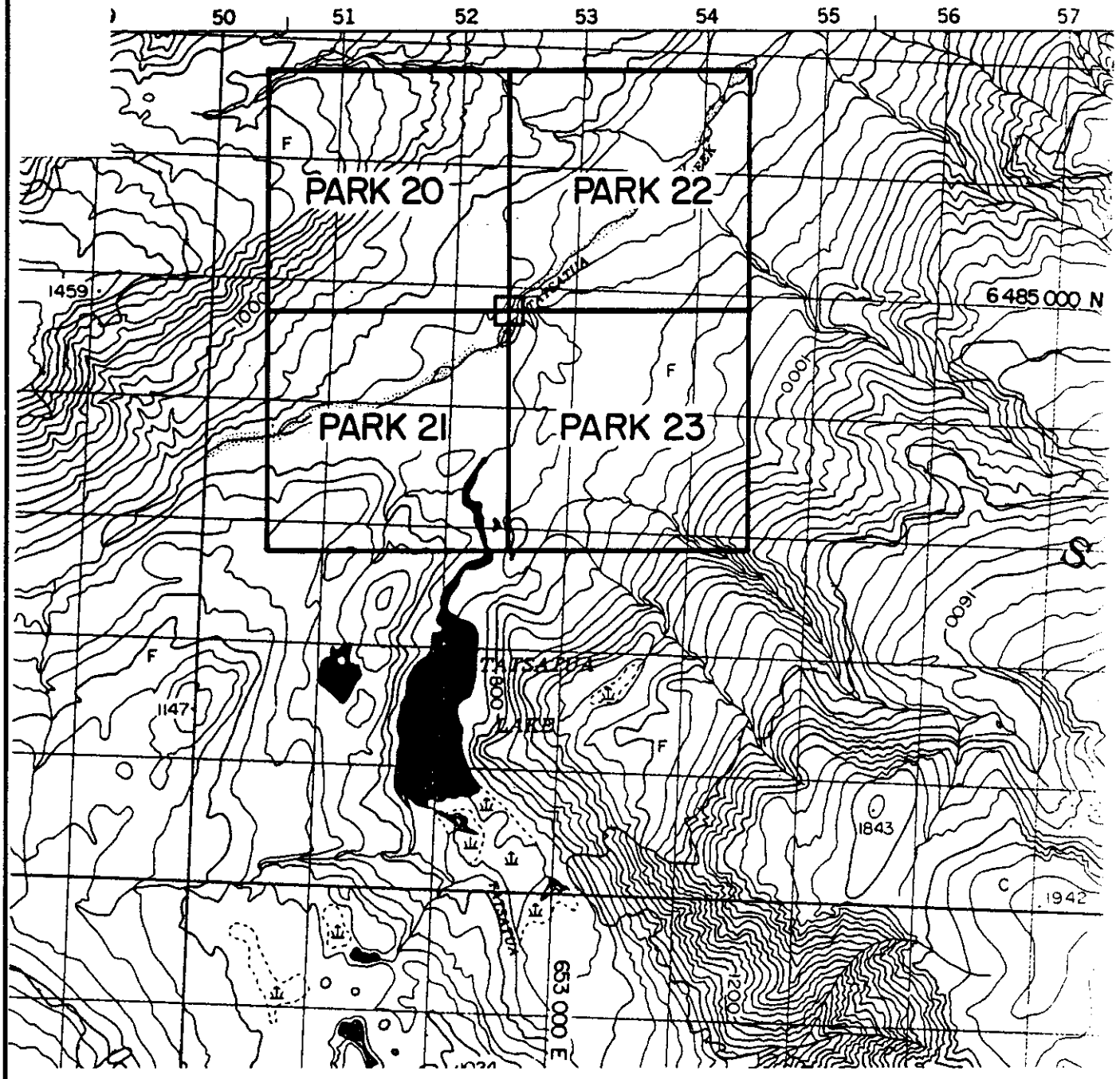
The Tatsatua property consists of four contiguous modified grid claims (Park 20 - 23) totalling 64 units (Figure 2) located in the Atlin Mining Division. Public records indicate the claims are owned by Consolidated Parklane Resources Ltd.

Current claim data as shown in public records is compiled below.

Table 1. Claim data.

Claim Name	Record Number	Units	Expiry Date[1]
Park 20	4528	16	March 27, 1994
Park 21	4529	16	March 26, 1994
Park 22	4530	16	March 26, 1994
Park 23	4531	16	March 26, 1994

1: Assuming acceptance of current submission.



0 1 2 3 km

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AZIMUTH GEOLOGICAL INC.

PACIFIC CENTURY EXPLORATIONS LTD.

TATSATUA

CLAIM MAP

N.T.S. 104 K/8	Data G. Crowe	Date Oct., 1991
Scale 1:50000	Drawn	FIGURE 2

HISTORY

Although no record remains, it is likely that the general area of the Tatsatua property was prospected in the 1920's and 1930's following discovery of the Tulsequah Chief and Polaris Taku deposits, 75 km to the northwest.

In 1980, Utah Mines Ltd. is reported to have worked the Val 1 and Val 3 porphyry copper and porphyry molybdenum prospects, located approximately 7 km southeast of the current Tatsatua project. This ground was restaked in 1987 by Tahltan Holdings Ltd. In 1982, Chevron staked and worked the Vein property located 8.5 km east-northeast of Tatsatua. The prospect is reported to consist of shear-hosted quartz-carbonate veins within hornfelsed, pyritic Jurassic sediments. Veins carry gold (up to 0.4 oz/ton), silver, copper, lead and zinc mineralization.

No work is recorded on the Park 20 - 23 claims prior to current staking; however, K. Shannon (pers. comm., 1991) indicates Chevron Canada Resources Ltd. was attracted to the claim area in 1982 by interesting regional geological features such as a major shear and Tertiary(?) stocks and dykes. In that year Chevron conducted reconnaissance soil sampling and prospecting along Tatsatua Creek and located an area of anomalous arsenic and gold in soil. This anomaly resulted in discovery of shear-hosted pyrite-arsenopyrite mineralization; however, no claims were staked and no further work was conducted.

In 1991 the prospect was staked by Consolidated Parklane Resources Inc. as the Park 20, Park 21, Park 22 and Park 23 claims and optioned to Pacific Century Explorations Ltd.

REGIONAL GEOLOGY

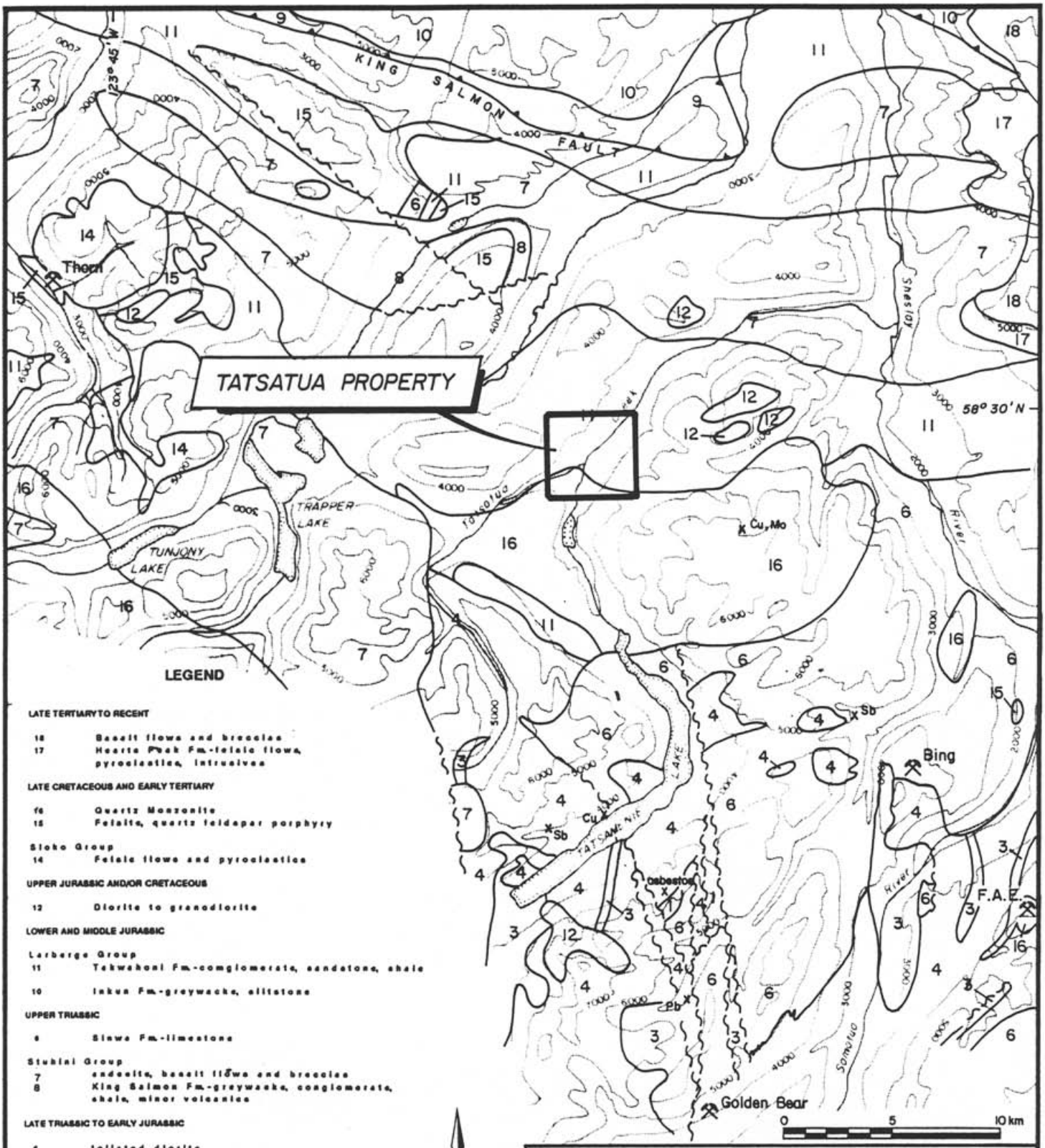
The Tulsequah map-area was most recently mapped by Souther (1971). Regional geology in the Tatsamenie Lake-Trapper Lake area is shown in Figure 3. Oldest rocks in the area are strongly deformed and regionally metamorphosed Permian and Lower Triassic metasediments and metavolcanics (Units 3 and 4) of the Stikine Assemblage (Monger, 1980) which are intruded by Lower or Middle Triassic foliated quartz diorite (Unit 6). These older rocks appear to be restricted to an area between Trapper and Tatsamenie Lakes.

A major regional unconformity separates older rocks from less deformed Upper Triassic and younger strata. Most widespread of the younger strata are Upper Triassic Stuhini Group basic volcanics and related sediments (Units 7 and 8). In the area of interest these rocks form a southeast-trending syncline enclosing a core of Lower and Middle Jurassic Takwahoni Formation (Laberge Group) sediments and overlying Upper Cretaceous to Tertiary felsic volcanics and related sub-volcanic intrusives of the Sloko Group (Units 11, 14 to 16). According to Souther (1971) and to current work the Tatsatua property is underlain by Lower to Middle Jurassic sediments and by Cretaceous/Tertiary quartz monzonite. Upper Jurassic diorite plugs (Unit 12) commonly intrude Takwahoni and older rocks and often appear to be spatially associated with mineralization in the area.

In the northeast corner of the map-area, Upper Triassic limestone (Sinwa Formation: Unit 9) and Lower Jurassic sediments of the Inklin Formation (Unit 10) have been thrust southwestward along the King Salmon Fault to form the Atlin Horst.

Flat-lying Late Tertiary to Pleistocene volcanics (Units 17 and 18) overlie all units along the east margin of the map-area.

Three structural events have been documented in the area (Schroeter, 1986; Oliver and Hodgson, 1990). The oldest mid-Triassic event is typically represented by tight folds with north-trending axial surfaces. Mid-Jurassic deformation resulted from southwest-verging thrust faults which produced broad northwest-trending folds. Youngest structures are Eocene extension faults of apparent random orientation.



LEGEND

LATE TERTIARY TO RECENT

18 Basalt flows and breccias
17 Hoarte Peak Fm.-felsic flows, pyroclastics, intrusives

LATE CRETACEOUS AND EARLY TERTIARY

16 Quartz Monzonite
15 Felsite, quartz feldspar porphyry

Sloko Group
14 Felsic flows and pyroclastics

UPPER JURASSIC AND/OR CRETACEOUS

12 Diorite to granodiorite

LOWER AND MIDDLE JURASSIC

Laberge Group
11 Tahwahoni Fm.-conglomerate, sandstone, shale
10 Inkun Fm.-greywacke, siltstone

UPPER TRIASSIC

6 Sinwa Fm.-limestone

Stuhini Group
7 andesite, basalt flows and breccias
8 King Salmon Fm.-greywacke, conglomerate, shale, minor volcanics

LATE TRIASSIC TO EARLY JURASSIC

6 foliated diorite

LOWER TRIASSIC AND EARLIER

4 greenstone, phyllite, tuff

PERMIAN

3 limestone, dolomitic limestone

AGE UNKNOWN

1 ultramafics, serpentinite

fault
thrust fault
mineral property
mineral occurrence

After: Souther, 1971; Schroeter, 1986; Oliver and Hodson, 1990

AZIMUTH GEOLOGICAL INCORPORATED

PACIFIC CENTURY EXPLORATIONS LTD.
TATSATUA

GEOLOGY MAP

N.T.S. 104 K/8	Data G. Crowe	Date Oct., 1991
Scale 1 : 250000	Drawn	Figure 3

Mineralization in the Tulsequah area is dominated by volcanogenic(?) massive sulphide deposits in the Tulsequah district, 73 km west-northwest of the Tatsatua properties, and by shear-hosted precious metal mineralization at and near the Golden Bear deposit. Copper-lead-zinc-gold-silver mineralization at Tulsequah Chief, Big Bull, and Ericksen-Ashby is associated with a contact between Permian felsic pyroclastic rocks and underlying massive andesitic flows (Gunning, 1988; Nelson and Payne, 1983). Most recent (1989) reserves for Tulsequah Chief are given as 5.8 Mt of 1.55% Cu, 1.22% Pb, 6.81% Zn, 2.74 g/t Au, 109.4 g/t Ag. Recent exploration by Cominco Ltd. and Redfern Resources Ltd. is expected to boost this reserve. Across the Tulsequah River at the nearby Polaris Taku property, Suntac Minerals Corporation report probable plus possible reserves of 803,765 tonnes grading 16.1 g/t Au (March 21, 1990 News Release). Mineralization occurs in an arsenopyrite-bearing quartz-carbonate shear zone cutting Permian(?) sediments and tuffs. Grade and geological setting suggest similarities with the Golden Bear deposit.

The Golden Bear deposit, located 30 km south-southeast of Tatsatua (Figure 3), is being actively mined by Chevron Minerals Ltd. and North American Metals Corp. (Homestake Mining Company) who report (1990 Annual Report) proven plus probable reserves (before mining) of 569,453 tonnes grading 17.60 g/t gold. Mineralization at Golden Bear consists of pyrite-arsenopyrite-scorodite-native gold within a persistent quartz-carbonate altered shear cutting Permian to Lower Triassic(?) limestone and metasediments.

The Thorn property, located 26 km west-northwest of Tatsatua (Figure 3), is underlain by Eocene Sloko felsic volcanics intruded by a small quartz-feldspar-porphyry stock (Woodcock, 1987). Gold and silver are associated with both linear, east-west trending, pyrite-arsenopyrite-tetrahedrite-bearing silicified zones and with pods and lenses of pyrite-tetrahedrite-enargite. The property was drilled in 1986 by American Reserve Mining Corporation.

1991 WORK PROGRAM

Current field work was conducted between July 17 and July 28, 1991 by various personnel (detailed in Appendix A - Cost Statement). Field work was supported from common camp facilities at Trapper Lake (15 km west of Tatsatua) where a contract Bell 206B helicopter supplied by Trans North Air was available for claim access.

Because of extensive overburden, field work consisted mainly of reconnaissance soil sampling at 100 m intervals (14.4 km of line; 167 samples) and silt sampling where soil lines crossed drainages (6 samples). Reconnaissance mapping and prospecting were completed along major drainages and along soil lines. During mapping five rock samples were collected from mineralized or altered outcrops.

PROPERTY GEOLOGY

No systematic mapping was completed during this current program; however, check mapping was conducted while prospecting and soil sampling. Widespread glacial and alluvial overburden generally limits outcrop to the major drainages.

The southern one-third of the property appears to be underlain by fine grained, carbonate-altered quartz monzonite which Souther (1971) interpreted to be Upper Cretaceous or Early Tertiary. The northern two-thirds of the property is underlain by recessive siltstone, shale and limey sediments of probable Lower or Middle Jurassic age.

Mineralization (described below) is hosted in a steeply dipping west-southwest trending structure which is possibly a splay off a regional northwest trending fault mapped by Souther 10 km northwest of Tatsatua. Souther also mapped a major 3 km long, northwest trending Upper Cretaceous or Early Tertiary felsite dyke cutting across the northeast corner of the property (not shown on Fig. 3). The dyke appears to be emplaced along the trend of the above fault.

MINERALIZATION AND ROCK GEOCHEMISTRY

Rock samples were taken of all mineralized and altered float and outcrop encountered while prospecting or soil sampling. Significant sample results are tabulated in Table 2 and results discussed in more detail below. Samples are described in Appendix B.

TABLE 2. Significant rock sample results.

Sample No.	ppb Au	ppm Ag	ppm As	ppm Pb	ppm Zn
18151	526	0.1	27709	8	133
18152	58	0.1	19053	8	78

The main showing on the Tatsatua property is located at the junction of Tatsatua Creek and the main tributary from Tatsamenie Lake. The common LCP for the Park 20 - 23 claims is located approximately 100 m south of the showing.

Sulphide mineralization occurs at the faulted contact between carbonate-altered intrusive and sediments. The fault is a zone of intense brecciation and varies in width between 0.5 and 2.0 m and trends 115° with a steep northerly dip. Sulphide mineralization (dominantly pyrite+/- arsenopyrite) occurs as massive aggregates in 10 to 15 cm wide lenses hosted within the fault zone. Although pyrite was the only sulphide recognized in hand specimen, the very high arsenic values (to 2.77%) suggests the presence of arsenopyrite.

SOIL AND SILT GEOCHEMISTRY

The 167 soil samples were taken at 100 m intervals along six widely spaced soil lines scattered throughout the property (Fig. 4). Three of the lines followed major drainages, two of the lines were run along contour while one line was run between lines. Samples were generally taken in a poorly developed B horizon at depths between 5 and 35 cm, placed in Kraft bags and shipped to Min-En Labs in Vancouver for 30 element ICP and geochemical gold analysis. Analytical techniques are included in Appendix E.

Gold and silver results are plotted on Figure 4 while all results are compiled in Appendix D.

Gold values vary from <5 ppb to 40 ppb while silver values vary from 0.1 ppm to 1.8 ppm. Values are generally uniformly low. Only two areas appear to have anomalous values. On L710, stations 1+00 to 6+00 are moderately anomalous in zinc (199 to 397 ppm) and stations 1+00 and 2+00 are also anomalous in cadmium (2.0 and 2.4 ppm). This area of moderately anomalous zinc values may correlate with some weakly anomalous zinc values at the east end of Line "TATS".

The two anomalous silver values occur on L800 at Stations 8 and 10 (1.8 and 1.4 ppm respectively). Although lines and samples are too widely spaced for correlation, it is possible the anomalous zinc and silver values are spatially related to a felsite dyke mapped by Souther (1970) in this vicinity. These felsite dykes are commonly spatially related to precious metal mineralization at other prospects in the district (e.g. Inlaw and Outlaw).

None of the six silt samples returned anomalous values for any metals.

CONCLUSIONS

The Tatsatua property is largely overburden covered; however, sparse outcrop together with published regional mapping indicates the claims are predominantly underlain by recessive Lower or Middle Jurassic Laberge Group siltstone, shale and limestone which has been intruded by Upper Cretaceous to Tertiary quartz monzonite. Near the centre of the property lenses of massive pyrite-arsenopyrite(?) are hosted in a northwest trending shear. Limited sampling of this showing confirmed the presence of gold and returned up to 0.53 g/t gold. This mineralized shear may be a splay off a major regional fault mapped by Souther (1970).

Widely spaced, reconnaissance soil sampling located some weak zinc-cadmium and silver anomalies which do not appear to be related to the known showing. A soil line was run over the showing but failed to detect the mineralization. This lack of response may reflect an overburden or sampling problem but more likely reflects the sample spacing being too broad to detect narrow shear-hosted mineralization. Because of the wide, 100 m sample spacing, all anomalous values should be considered significant and worthy of follow up.

Limited sampling of the showing demonstrated that the structure is auriferous; however, no conclusion can be drawn about average grade. Tracing and evaluating the structure along strike might best be done by detailed soil sampling, by geophysics and by additional mapping and prospecting.

REFERENCES

Gunning, M.H., 1988, Tulsequah Chief; in Exploration in British Columbia 1987, B.C. Ministry of Energy, Mines and Petroleum Resources, pp. B78 - B83.

Monger, J.W.H., 1980, Upper Triassic Stratigraphy, Dease Lake and Tulsequah Map Areas, Northwestern British Columbia; in Current Research, Part B, Geological Survey of Canada, Paper 80-1B, pp. 1-9.

Nelson, J. and Payne, J.G., 1983, Palaeozoic Volcanic Assemblages and Volcanogenic Massive Sulphide Deposits near Tulsequah, British Columbia, Canadian Journal of Earth Sciences, V. 21, pp. 379-381.

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Souther, J.G., 1971, Geology and mineral deposits of Tulsequah map-area, British Columbia (104K), Geol. Surv. Canada Memoir 362.

Woodcock, J.R., 1987, Drilling Report on the Thorn Property, B.C.D.M. Assessment Report 15,897.

CERTIFICATE

I, Robert M. Cann, of 1260 Silverwood Crescent, North Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist with offices at 205-470 Granville Street, Vancouver, B.C.

2) I hold a degree of Bachelor of Science (Honours) in Geology from the University of British Columbia, 1976.

3) I hold a degree of Master of Science in Economic Geology from the University of British Columbia, 1979.

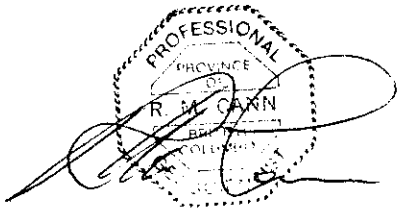
4) I have practised my profession continuously since 1979.

5) I am a Fellow of the Geological Association of Canada.

6) I am a registered member of The Association of Professional Engineers and Geoscientists of B.C.

7) This report is based on work done under my direct supervision.

Dated on this 13th day of December, 1991 at Vancouver, B.C.



Robert M. Cann, M.Sc., P. Geo.

CERTIFICATE

I, Gregory G. Crowe, of Bowen Bay Road, Bowen Island, British Columbia hereby certify that:

1) I am a consulting geologist with offices at 205 - 470 Granville Street, Vancouver, B.C.

2) I hold a degree of Bachelor of Science in Geology from Carleton University, 1977.

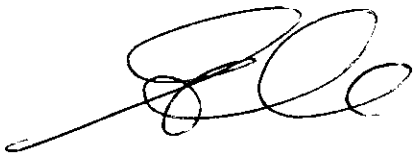
3) I hold a degree of Master of Science in Structural Geology from the University of Calgary, 1981.

4) I am a Fellow of the Geological Association of Canada.

5) I am a registered member of the Association of Professional Engineers, Geophysicists and Geologists of Alberta (Membership No. 35569).

6) This report is based on work done under my direct supervision.

Dated on this 13th day of December, 1991 at Vancouver, B.C.



Gregory G. Crowe, M.Sc., P. Geol.

Appendix A

COSTS INCURRED

COSTS INCURRED - JUNE 30 TO JULY 28

Mobilization		$ 1,466.41
Supervision - R. M. Cann/G. Crowe	1.8 @ $400/day	720.00
Field superv. - L. Haynes/J. Lehtinen	2.4 @ $375/day	900.00
Sr. geol. - L. Lyons	1.0 @ $350/day	350.00
Jr. geol. - S. Cormier	2.3 @ $325/day	747.50
Ass't - T. Muraro	1.1 @ $225/day	247.50
Ass't - H. Culbert	0.3 @ $225/day	67.50
Ass't - S. Martin	2.1 @ $225/day	472.50
Ass't - S. Becherer	1.1 @ $225/day	247.50
Consultant - K. Shannon		505.74
Food and accom. at Trapper Lk. camp	12.1 @ $120/manday	1,452.00
Consumable supplies & equip. rental	12.1 @ $25/manday	302.50
Portable radio rentals		30.00
Helicopter (Trans North)	2.85 @ $750/hr	2,137.04
Analytical		
Soils (Au+30 element ICP)	173 @ $12	2,076.00
Rocks (Au+30 element ICP)	5 @ $17	85.00
Camp Construction - Jempland (proportional share)		3,080.00
Report		
Drafting		500.00
Copying/Reproductions		765.00
Writing		2,950.00
TOTAL		**$ 19,102.19**

Appendix B

ROCK SAMPLE DESCRIPTIONS

ROCK DESCRIPTION SHEET PROPERTY: TATSATUA (PAXTC) 9107

SAMPLE NO.	WIDTH metres	UTM northing	UTM easting	ELEVATION metres	DESCRIPTION	Au ppb (oz/ton)	Ag ppm (oz/ton)	Cu ppm (%)	Pb ppm (%)	Zn ppm (%)
18151	O/C	6484960	652550		Major fault striking 115/90 hosting massive pyrite in lenses up to 10-15cm width.	526	0.1	9	8	133
18152	O/C	6484960	652550		As for 18151.	58	0.1	10	8	78
18153	O/C	6484960	652550		Recrystallized limestone with 3% pyrite as fine-grained dark green-grey aggregates and stylolitic zones. Stylolites < 0.5mm x 3mm length.	6	2.5	4	25	14
18113	O/C	6486750	650650		Siltstone with strong quartz stringer s/w and vuggy rust. Remainder of stratigraphy is not affected by the s/w.	1	0.9	128	1	34
18114	O/C	6486750	650650		Quartz s/w in a silicified sed with minor rust.	1	0.4	49	6	35

Appendix C

ROCK ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL
PROJ: TATSATUA P.O. PAXTC
ATTN: G.CROWE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0271-RJ1
DATE: 91/08/06
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
18151	.1	700	27709	18	7	.1	1	39010	24.2	21	9	239940	540	1	230	132	1	10	1	10	8	21	50	1	3	8.5	133	1	1	1	41	526
18152	.1	570	19053	13	16	.1	1	64440	.1	19	10	209790	260	1	11770	1679	1	60	1	10	8	3	67	1	5	16.4	78	1	2	1	36	58
18153	2.5	450	767	2	627	.1	6	190310	.1	4	4	10130	290	1	870	965	7	10	5	110	25	10	282	1	5	13.8	14	11	1	2	23	6

COMP: AZIMUTH GEOLOGICAL
PROJ: TATSATUA P.O. PAXTC
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0350-RJ1
DATE: 91/08/13
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
18113	.9	3420	1	11	105	.2	2	77730	.1	9	128	32810	1020	4	59940	816	1	120	48	90	1	1	280	1	24	48.4	34	1	1	1	78	1
18114	.4	4590	44	8	176	.3	2	59820	.1	10	49	27090	760	4	35690	464	3	170	66	140	6	2	127	1	18	53.9	35	1	1	7	175	1

Appendix D

SOIL AND SILT ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: TATSATUA PAXTC
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0306-SJ2+3
DATE: 91/08/10
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L710 00+00	.3	27220	7	13	158	.5	6	10310	.1	19	96	42330	2610	32	14220	889	1	260	107	490	17	1	47	2	880	110.7	159	4	1	5	93	5
L710 01+00	.1	19170	1	12	215	.2	4	5630	2.0	18	33	40550	2900	21	4610	872	2	100	62	570	17	1	32	1	594	113.3	295	2	1	3	50	5
L710 02+00	.4	26780	7	12	350	.5	6	10650	2.4	18	42	40280	3240	27	8240	1031	1	200	57	780	16	1	49	1	802	130.5	397	4	1	4	65	5
L710 03+00	.1	26440	9	13	215	.6	5	8760	.2	14	42	36840	4430	37	8060	721	2	330	56	580	15	1	52	2	578	137.7	351	4	1	4	59	5
L710 04+00	.4	26280	13	10	152	.2	7	8580	.1	18	30	39220	2450	22	10890	541	1	310	44	690	14	1	41	1	1178	136.8	262	5	1	5	75	5
L710 05+00	.5	22750	9	12	161	.3	6	12570	.1	16	40	35870	2690	19	11440	638	1	400	47	520	13	1	68	2	983	121.6	199	4	1	5	74	10
L710 06+00	.3	27160	8	8	234	.3	6	9550	.1	18	33	39390	2570	30	9670	748	1	280	37	630	13	1	51	1	1008	132.8	269	5	1	5	70	5
L710 07+00	.1	22550	5	9	147	.3	4	7380	.1	14	33	39780	1840	45	5910	407	1	170	29	440	15	1	40	1	465	136.4	193	3	1	4	55	5
L710 08+00	.3	12930	7	7	204	.1	4	15060	.1	11	40	24840	1290	12	7350	1319	1	750	29	620	15	1	84	1	528	72.5	61	3	1	3	42	5
L710 09+00	.6	9200	11	7	276	.5	2	31420	.1	5	113	12830	580	5	6770	204	1	1440	35	1410	15	1	154	1	214	27.0	58	3	1	2	30	5
L710 10+00	.5	16470	1	4	179	.1	7	10040	.1	11	22	24800	640	13	8440	316	1	290	19	310	10	1	36	1	1438	74.7	86	3	1	3	53	5
L710 11+00	.4	13570	5	3	172	.1	6	11340	.1	11	32	26620	900	7	9370	531	1	360	22	1420	9	1	36	1	989	80.6	47	3	1	4	54	5
L710 12+00	.5	16250	6	4	197	.1	7	11110	.1	13	41	30000	1010	9	10130	406	1	450	26	1130	7	1	36	1	1329	92.4	50	4	1	4	61	5
L710 13+00	.5	15180	5	3	90	.1	6	6830	.1	9	16	23350	540	8	7340	220	1	320	15	650	9	1	22	1	1229	78.3	42	4	1	3	46	10
L710 14+00	.1	13000	5	3	80	.1	3	3590	.1	7	14	25500	520	10	2670	165	1	130	8	720	10	1	14	1	600	75.5	49	3	1	2	25	5
L710 15+00	.4	14850	3	3	216	.1	4	5140	.1	7	20	16730	620	8	3800	439	1	780	13	510	10	1	21	1	695	53.0	54	4	1	2	29	5
L710 16+00	.7	13680	2	4	97	.1	7	10030	.1	11	33	27390	660	6	9500	284	1	470	20	1100	8	1	30	1	1465	83.9	32	3	1	4	57	5
L710 17+00	.5	9140	9	5	473	.2	3	22980	.1	10	70	15400	650	4	5270	657	1	970	25	1370	15	1	58	1	262	33.1	85	2	1	2	38	15
L710 18+00	.4	22110	7	5	230	.2	7	10040	.1	14	56	35850	1070	12	10710	385	1	360	41	1070	11	1	41	1	1182	104.3	56	4	1	4	69	5
L710 19+00	.6	14020	7	8	251	.3	4	24320	.1	9	29	19660	510	28	9520	489	1	560	22	780	13	1	155	1	600	47.6	48	5	1	2	42	5
L710 20+00	.9	7230	11	8	255	.3	3	30920	.1	5	47	9830	300	8	7680	506	1	1430	24	1420	15	1	206	1	222	22.7	33	4	1	2	26	5
L710 21+00	.6	15770	2	3	149	.1	6	8900	.1	12	28	25960	850	8	9560	370	1	400	26	740	7	1	34	1	1266	79.2	40	4	1	4	57	5
L710 22+00	.9	20280	9	5	335	.3	6	17870	.1	16	137	30890	750	14	11790	613	1	760	59	900	16	1	87	1	998	81.3	53	4	1	4	76	10
L710 23+00	.5	16420	13	5	178	.1	5	14580	.1	15	52	32720	1340	16	12430	533	1	730	41	1310	15	1	65	1	980	98.8	50	4	1	5	77	10
L710 24+00	.7	22230	2	5	211	.2	6	11400	.1	14	47	31750	820	38	9530	441	1	770	37	540	23	1	60	1	962	94.3	74	4	1	4	72	5
L710 25+00	.1	9770	6	7	132	.1	3	6880	.1	9	36	22970	2340	7	4250	426	1	200	16	860	12	1	33	1	511	63.1	46	2	1	2	27	5
L JL 01	.1	13800	31	9	357	.1	2	5910	.1	26	65	51060	2740	10	3630	676	1	90	205	800	32	1	48	1	261	114.4	104	1	1	4	83	5
L JL 02	.1	14420	25	12	426	.2	3	9140	.1	19	61	41820	4060	9	5420	733	1	170	123	770	16	1	61	1	260	98.0	118	2	1	4	55	5
L JL 03	.1	16050	14	10	256	.2	3	5070	.1	23	58	43120	3270	12	4550	844	1	120	165	840	12	1	33	1	194	97.8	137	2	1	4	65	5
L JL 04	.1	17220	21	10	246	.6	2	3540	.1	23	70	49180	3920	13	4970	455	2	80	183	740	15	1	26	1	90	100.2	153	2	1	4	69	5
L JL 05	.1	10100	6	12	261	.1	3	4330	.1	16	34	33050	1300	11	2700	638	1	100	91	900	12	1	21	1	292	82.0	127	1	1	2	43	5
L JL 06	.1	11940	10	12	149	.3	2	4860	.1	25	69	47130	2570	13	3760	468	1	100	210	440	15	1	28	1	165	94.1	140	1	1	3	61	5
L JL 07	.1	12340	3	10	119	.1	3	3270	.1	13	28	30680	1610	9	2870	214	1	100	78	860	11	1	20	1	416	99.4	101	3	1	3	55	5
L JL 08	.1	10150	15	11	224	.1	3	5690	.1	18	42	41970	2160	6	2330	851	1	70	122	710	8	1	65	1	378	111.3	102	1	1	3	60	5
L JL 09	.3	26410	1	8	297	.1	6	6160	.1	16	30	35460	1310	23	6320	482	1	290	44	470	14	1	28	1	1299	103.5	74	4	1	4	54	10
L JL 10	.2	13460	5	6	185	.1	3	8550	.1	9	18	24960	770	16	5670	209	1	300	17	320	10	1	33	1	760	78.4	34	2	1	3	38	5
L JL 11	.4	20350	2	6	245	.3	5	10360	.1	14	94	36610	940	11	7950	656	1	310	33	1030	15	1	46	1	1079	104.5	87	3	1	4	56	5
L JL 12	.3	11760	1	6	102	.1	5	6900	.1	9	27	25260	1060	9	4430	235	1	240	13	750	9	1	27	1	857	85.9	67	3	1	3	36	5
L JL 13	.1	13750	1	6	183	.1	5	6920	.1	13	33	36850	1260	13	4030	746	1	210	15	1240	13	1	27	1	987	118.7	134	2	1	3	45	5
L JL 14	.2	13760	5	5	104	.1	4	5460	.1	9	30	25220	760	8	5020	200	1	220	18	680	5	1	19	1	866	80.2	45	2	1	3	35	5
L JL 15	.2	11460	5	5	115	.1	3	7660	.1	8	32	19240	1310	9	4450	206	1	260	17	340	10	1	34	1	608	61.4	32	3	1	2	31	10
L JL 16	.1	8660	2	5	148	.1	5	5290	.1	8	24	30110	830	7	2690	160	1	180	11	340	8	1	21	1	846	111.5	48	2	1	3	37	10
L JL 17	.2	10530	1	5	113	.1	4	5970	.1	9	16	26860	1030	8	3350	270	1	220	13	810	8	1	23	1	788	91.5	88	2	1	2	34	5
L JL 18	.3	9920	5	5	118	.1	6	4090	.1	8	23	34030	910	4	2150	166	1	160	11	300	10	1	19	1	1210	133.6	48	3	1	3	34	5
L JL 19	.3	13960	8	5	197	.1	4	6990	.1	11	20	25240	890	12	6660	287	1	230	23	210	12	1	33	1	816	81.5	64	3	1	3	46	5
L JL 20	.3	15640	3	8	201	.1	5	10880	.1	10	42	27990	810	67	6210	236	1	590	23	260	18	1	69	1	690	84.9	158	3	1	3	44	5
L JL 21	.2	14480	4	5	153	.1	6	5120	.1	10	24	31530	890	10	4230	312	1	180	16	450	11	1	22	1	1036	107.8	75	3	1	3	43	5
L800 01	.1	10510	22	9	590	.2	2	5160	.1	12	42	28740	2100	7	2510	444	1	90	35	690	17	1	48	1	120	62.1	115	2	1	2	24	5
L800 02	.1	12640	1	4	219	.1	4	1970	.1	7	17	20500	890	8	2600	380	1	80	21	220	8	1	21	1	561	63.0	72	3	1	2	25	5
L800 03	.1	12900	4	5	303	.1	4	6170	.1	9	22	21830	1200	11	3340	456	1	100	22	250	14	1	35	1	520	63.1	102	3	1	2	31	10
L800 04	.7	14560	8	7	487	.1	5	13170	.1	9	41	28390	1570	26	5710	192	1	330	47	710	11	1	220	1	982	63.9	87	3	1	3	40	5
L800 05	.2	19500	9	6	344	.2	4	7840	.1	11	28	28540	1560	30	5870	932	1	140	34	380	17	1	75	1	589	78.6	146	4	1	3	45	5
L800 06	.1	19910	1	9	2227	.1	4	2260	.1	14	35	52920	2280	28	3380	302	1	650	36	280	14	1	61	1	646	180.8	101	1	1	3	36	5
L800 07	.4	24000	7	5	498	.2	6	6670	.1	18	40	36920	1020	17	5920	1091	1	610	27	790	23	1	31	1	1076	100.9	134	5	1	3	53	5
L800 08	1.8	68750	1	8	1329	3.6	6	13060	.1	19	214	53530	1660	23	7890	763	1	1240	146	3360	15	1	73	4	589	102.8	87	4	1	5	82	5
L800 09	.5	48890	7	10	985	1.2	4	9340	.1	23	94	49160	3460	28	11100	1043	1	570	66	1150	21	1	48	1	391	128.6	155	7	1	5	76	5
L800 10	1.4	22170	6	8	510	.4	6	16330	.1	16	102	31550	1070	47	10140	830	1	790	47	1800	21	1	244	1	1047	63.0	74	5	1	4	63	5
L800 11	.2	19470	1	4	241	.1	4	4670	.1	11	17	23860	730	62	4500	470	1	160	23	290	10	1	38	1	698	68.0	81	4	1	3	37	5
L800 12	.3	14120	4	3	215	.1	4	4110	.1	6	15	17230	750	12	3380	144	1	130	18	460	10	1	20	1	590	53.2	72	3	1	2	26	10
L800 13	.1	14150	1	3	59	.1	4	4120	.1	9	15	33330	460	10	3700	210	1	140	7	1560	10	1	15	1	777	97.9	46	3	1	3	33	5

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: TATSATUA PAXTC
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0306-SJ4
DATE: 91/08/10
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L800 14	.5	7480	5	7	64	.1	2	3100	.1	7	12	25000	370	8	2390	151	1	120	10	470	16	1	10	1	352	78.7	43	1	1	2	23	5
L800 15	.5	6880	23	6	210	.5	1	6050	.1	9	36	22020	1050	7	2310	418	1	80	13	820	19	1	52	1	68	39.3	79	1	1	1	11	10
L800 16	.6	7720	15	5	230	.3	1	7350	.1	8	26	20460	1160	10	2380	389	1	90	16	850	14	1	93	1	63	40.2	77	1	1	1	13	5
L800 17	.7	7400	1	2	62	.1	2	2480	.1	4	10	14340	510	4	1970	161	1	100	5	250	10	1	10	1	535	45.1	39	2	1	1	17	5
L800 18	.7	10980	6	3	89	.1	3	3020	.1	7	15	24270	420	7	3040	146	1	130	6	580	10	1	10	1	708	70.8	66	3	1	2	28	5
L800 19	.9	24480	7	4	784	.9	2	8310	.1	9	44	27490	1620	18	4770	578	1	570	18	700	19	1	50	1	170	62.5	118	4	1	2	31	5
L800 20	.2	5100	9	3	71	.1	1	2170	.1	5	24	26010	430	4	1480	430	3	360	1	610	17	1	6	1	130	66.0	44	1	1	1	10	10
L800 21	.1	3160	2	4	66	.1	1	2400	.1	6	17	39950	500	2	800	115	1	460	1	320	11	1	6	1	175	109.8	45	1	1	2	16	10
L800 22	.1	3140	5	4	155	.1	1	5610	.1	7	19	40040	540	4	1550	198	1	480	1	1400	15	1	13	1	175	106.4	47	1	1	1	14	5

COMP: AZIMUTH GEOLOGICAL
PROJ: TATSATUA P.O. PAXTC
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0350-SJ2
DATE: 91/08/16
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L SL 1	.5	20400	14	26	149	.6	2	3480	.1	9	22	29290	1870	21	4730	478	1	120	34	1040	17	1	22	2	230	93.3	79	3	1	4	62	5
L SL 2	.4	15660	4	15	118	.1	2	3170	.1	7	30	23970	1230	9	3030	128	1	400	22	580	12	1	17	1	351	107.0	60	3	1	3	49	5
L SL 3	.1	25810	12	15	174	.5	3	2350	.1	13	33	43090	2300	26	11110	678	1	130	64	930	12	1	15	1	399	120.7	104	3	1	4	78	5
L SL 4	.7	19740	12	9	212	.4	4	10800	.1	11	48	35130	1290	23	6760	483	1	670	39	1700	15	1	62	1	706	84.9	73	3	1	3	51	5
L SL 5	.6	15250	22	6	66	.1	4	4160	.1	6	14	17200	1040	7	3410	167	1	190	13	440	9	1	20	1	568	70.3	34	3	1	2	33	5
L SL 6	.1	24780	9	9	156	.2	3	1490	.1	13	28	54020	1920	19	9200	461	1	90	51	950	13	1	9	1	481	160.5	85	5	1	6	95	10
L SL 7	.3	21050	9	6	114	.1	3	3820	.1	8	22	25100	1950	13	5030	281	1	150	25	620	11	1	21	1	490	102.8	72	4	1	3	46	5
L SL 8	.1	19460	3	4	77	.1	4	4810	.1	10	25	36440	860	9	5020	267	1	260	19	460	9	1	18	1	889	115.7	53	3	1	3	46	5
L SL 9	1.0	24740	12	3	254	.7	3	11420	.1	9	39	29800	910	22	6480	351	1	520	46	2730	11	1	51	1	370	66.7	145	2	1	3	51	5
L SL 10	.7	14380	6	3	223	.1	4	6920	.1	7	16	21200	1150	9	5070	195	1	200	19	480	14	1	31	1	705	78.0	70	3	1	3	39	5
L SL 11	.6	17170	9	1	73	.1	4	4160	.1	6	24	18970	640	7	3420	208	1	480	11	500	9	1	19	1	601	71.3	36	3	1	2	36	10
L SL 12	.9	30240	18	3	355	.7	4	12480	.1	12	48	32610	980	30	7350	1048	1	720	50	2000	15	1	62	1	524	84.9	62	4	1	4	58	10
L SL 13	.4	16810	8	2	106	.2	3	4060	.1	7	25	24470	1060	6	3060	209	1	570	16	840	9	1	21	1	435	84.6	46	3	1	3	39	15
L SL 14	.4	20410	13	8	595	.6	2	12390	.1	19	76	36570	4120	11	6620	1399	3	560	131	3000	19	1	57	1	261	81.9	183	3	1	3	61	5
L SL 15	.7	24710	17	12	185	.5	4	15870	.1	22	91	33190	3740	43	12170	1427	2	560	135	2080	18	1	110	1	405	95.8	158	4	1	4	69	10
L SL 16	.5	14160	14	6	606	.5	2	14150	2.1	18	82	30900	3020	8	4950	1986	2	530	109	2700	20	1	78	1	234	59.8	321	1	1	3	47	5
L SL 17	.5	16580	15	9	489	.6	2	12860	.1	20	73	35230	3970	9	5600	1144	2	440	126	2840	16	1	75	1	176	68.5	195	1	1	2	45	5
L SL 18	.5	15690	7	6	235	.5	2	10760	.1	16	65	33710	3350	9	5580	853	2	610	99	1360	15	1	63	1	346	80.8	95	2	1	3	47	5
L SL 19	.1	12530	7	4	160	.3	1	5150	.1	13	43	31820	2280	7	3780	341	2	410	67	810	9	1	26	1	295	80.8	104	1	1	2	42	10
L SL 20	.2	9120	2	1	176	.1	3	4480	.1	7	18	30220	650	6	2370	144	1	510	9	210	11	1	17	1	669	110.1	69	1	1	2	33	5

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: TATSATUA P.O. PAXTC
ATTN: G. CROWE/J. BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0272-SJ1+2
DATE: 91/08/07
* SOL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
TAT # 0	.1	16020	8	13	144	.2	2	1750	.1	12	28	48360	1100	7	3100	723	1	500	23	1050	15	1	15	1	701	118.2	76	2	1	3	55	5
TAT # 1	.1	16510	5	10	111	.4	2	3850	.1	9	24	35830	990	9	3950	286	1	150	23	1060	8	1	19	1	390	95.3	58	2	1	3	48	5
TAT # 2	.2	12790	3	5	47	.2	2	4400	.1	6	12	24170	720	5	3430	194	1	190	9	710	6	1	19	1	523	77.4	33	2	1	2	35	5
TAT # 3	.2	21120	4	7	116	.3	4	4010	.1	12	29	35800	1370	18	6790	284	1	220	43	660	8	1	19	1	849	99.9	78	3	1	3	59	10
TAT # 4	.1	15110	3	5	117	.4	3	3950	.1	9	24	26340	1170	8	5160	311	1	170	34	670	7	1	18	1	498	82.0	59	3	1	3	42	5
TAT # 5	.1	17520	2	6	172	.3	3	5600	.1	12	30	30360	1760	10	6550	517	1	200	47	1020	9	1	24	1	471	96.4	80	2	1	3	53	5
TAT # 6	.1	13670	19	5	318	.5	2	5400	.1	14	27	32890	1940	10	4530	841	1	530	51	850	12	1	23	1	398	89.5	76	2	1	3	45	5
TAT # 7	.1	14600	13	6	192	.2	1	2310	.1	19	40	47900	1690	6	2350	1615	1	40	96	880	12	1	38	1	279	112.2	128	1	1	3	51	5
TAT # 8	.1	15060	5	4	75	.1	2	1650	.1	12	33	40330	790	5	3290	709	1	460	48	900	14	1	16	1	327	117.8	76	3	1	3	52	5
TAT # 9	.1	12400	8	6	239	.4	2	10830	.1	13	44	26100	2380	7	5860	795	1	630	54	1480	11	1	36	1	307	71.3	97	2	1	3	42	5
TAT # 10	.1	28260	6	7	287	.7	3	8800	.1	16	47	38000	2840	53	8610	932	1	450	89	830	14	1	43	1	465	108.6	117	3	1	4	74	5
TAT # 11	.1	25690	1	6	286	.8	4	5780	.1	14	36	40870	2380	18	6970	678	1	480	58	1190	12	1	33	1	660	121.0	116	4	1	4	68	5
TAT # 12	.2	20650	5	5	144	.4	5	6080	.1	12	22	32230	1560	26	7210	367	1	250	41	410	7	1	32	1	1008	102.9	98	3	1	4	56	5
TAT # 13	.1	28140	1	7	206	.5	4	5090	.1	14	27	38920	2310	21	8880	965	1	470	57	640	11	1	22	1	725	128.6	123	3	1	4	72	5
TAT # 14	.1	19410	4	6	327	.6	2	5160	.1	20	42	58260	2090	22	4550	794	1	460	122	1000	15	1	35	1	601	136.3	138	2	1	4	82	5
TAT # 15	.1	27800	4	9	210	.6	3	3310	.1	18	50	57930	2490	19	5800	322	1	110	102	840	12	1	31	1	762	131.5	126	3	1	4	75	5
TAT # 16	.2	21670	9	9	476	.6	2	8280	.1	13	42	32210	3520	15	5460	619	2	80	88	1050	10	1	61	1	188	95.3	131	3	1	4	67	5
TAT # 17	.1	20870	7	6	180	.3	4	4780	.1	14	29	34450	2380	17	7450	363	1	220	59	800	7	1	22	1	703	109.3	102	3	1	4	63	5
TAT # 18	.2	17480	10	5	158	.4	3	5120	.1	12	33	33930	2270	12	6260	285	1	210	56	660	11	1	25	1	574	105.6	83	3	1	4	57	5
TAT # 19	.1	16960	6	4	159	.4	3	4880	.1	12	34	34060	2050	12	6190	287	1	550	58	700	12	1	22	1	493	102.3	85	3	1	3	55	10
TAT # 20	.1	22050	2	4	315	.4	2	6840	.1	17	31	40430	1570	34	6480	421	1	590	89	650	12	1	33	1	445	115.9	172	3	1	4	72	5
TAT # 21	.1	18450	1	4	408	.6	2	7220	.1	28	45	47260	2350	18	6470	1119	1	660	89	1040	21	1	31	1	291	125.4	126	2	1	4	80	5
TAT # 22	.1	23880	5	5	188	.6	2	5530	.1	18	32	37390	1600	19	9580	245	1	1250	89	420	17	1	23	1	268	111.8	130	4	1	4	69	5
TAT # 23	.1	24780	1	5	211	.6	2	5970	.1	19	31	38870	1860	21	9800	328	1	130	92	490	10	1	25	1	279	119.6	143	3	1	4	74	10
TAT # 24	.1	19970	9	5	170	.6	3	7220	.1	18	31	38730	1810	22	7180	334	1	430	84	410	10	1	27	1	549	107.3	126	3	1	4	66	5
TAT # 25	.1	17170	8	5	189	.4	1	3890	.1	15	37	40270	2000	16	3530	165	1	420	102	540	10	1	20	1	224	108.4	107	2	1	3	66	5
TAT # 26	.1	17320	8	5	231	.3	5	5490	.1	16	28	37680	1620	19	5170	523	1	480	65	470	12	1	28	1	833	112.4	141	3	1	4	65	5
TAT # 27	.2	15670	7	4	240	.3	4	5600	.1	16	25	36330	1500	17	4670	626	1	140	55	500	7	1	29	1	727	111.0	150	3	1	4	61	5
TAT # 28	.1	11890	8	1	115	.2	2	4470	.1	11	24	28550	930	8	4620	156	1	160	42	300	5	1	18	1	503	91.7	51	3	1	3	47	5
TAT # 29	.1	10010	7	1	101	.2	2	3720	.1	10	22	25690	750	6	4070	133	1	130	42	260	7	1	14	1	326	80.8	44	2	1	2	40	5
TAT # 30	.1	13040	7	1	128	.3	2	4520	.1	12	27	29610	1010	9	5060	161	1	170	53	330	4	1	18	1	483	93.2	54	1	1	3	46	10
TAT # 31	.1	15160	5	1	154	.4	2	4590	.1	20	34	38840	2250	9	5610	711	1	130	76	600	6	1	26	1	271	112.7	131	1	1	4	67	5
TAT # 32	.1	19930	2	1	223	.8	2	8340	.1	19	48	37390	2800	22	9690	451	2	220	130	700	6	1	59	1	263	102.7	95	2	1	5	83	5
TAT # 33	.1	19540	10	1	225	.9	2	7840	.1	18	45	36700	2820	17	9420	476	1	210	129	720	4	1	58	1	272	102.3	91	3	1	5	83	5
TAT # 34	.1	23660	5	4	175	.4	4	4050	.1	18	38	43890	2830	23	7590	317	1	150	96	570	12	1	30	1	392	134.2	127	2	1	5	83	5
TAT # 35	.1	17660	8	1	167	.3	2	5610	.1	15	24	34700	2110	17	6350	207	1	180	80	290	5	1	35	1	452	102.8	77	2	1	4	64	5
TAT # 36	.1	18730	4	1	172	.3	3	5820	.1	16	26	37490	2350	18	6480	243	1	200	80	300	4	1	37	1	561	111.7	82	2	1	4	69	5
TAT # 37	.8	24740	3	1	153	.8	4	16160	.1	18	72	34400	2380	36	13820	1034	1	1270	80	990	15	1	91	1	646	102.7	127	3	1	5	95	5
TAT # 38	.7	24660	1	1	158	.8	4	16160	.1	18	77	34530	2320	31	13950	1069	1	1440	83	1070	18	1	93	1	590	100.4	132	3	1	5	96	10
TAT # 39	.3	31870	1	1	180	.6	5	11010	.1	21	53	42550	2560	24	16050	548	1	380	92	520	6	1	70	1	1252	133.5	100	2	1	7	134	5
TAT # 40	.4	28620	1	1	159	.7	4	10090	.1	19	45	38490	2320	19	14420	423	1	820	86	420	8	1	60	1	1122	117.5	81	2	1	6	122	5
TATS# 0	.1	19010	1	1	148	.4	2	3170	.1	11	29	36930	1520	10	5410	565	1	510	45	1510	5	1	22	1	549	96.9	97	2	1	4	61	5
TATS# 1	.1	23440	1	1	131	.7	1	1560	.1	13	31	43950	1390	2	4120	458	1	490	50	1510	4	1	15	1	220	87.1	79	1	1	3	66	5
TATS# 2	.2	9970	1	1	35	.1	2	3540	.1	7	16	23620	710	1	3470	203	1	190	16	530	3	1	16	1	487	73.4	34	1	1	2	32	40
TATS# 3	.1	18700	1	1	79	.2	2	3010	.1	12	27	41530	1080	6	5270	545	1	160	32	990	1	1	16	1	457	91.1	73	1	1	3	51	5
TATS# 4	.1	14920	8	1	139	.2	2	7470	.1	12	41	32290	1280	16	6270	570	1	210	55	1000	4	1	32	1	479	92.9	54	1	1	3	48	5
TATS# 5	.3	18470	1	1	197	.4	4	9910	.1	14	48	34350	1290	19	8250	745	1	300	65	1190	6	1	49	1	727	87.6	56	2	1	4	56	10
TATS# 6	.1	17990	1	1	79	.1	4	3530	.1	12	28	41430	1330	3	4720	431	1	170	34	690	4	1	20	1	761	117.4	72	2	1	4	50	5
TATS# 7	.2	11660	6	1	123	.3	3	6760	.1	14	37	30450	1440	3	5360	785	1	270	51	880	7	1	30	1	615	86.4	62	1	1	3	39	5
TATS# 8	.1	17460	2	1	119	.3	2	5020	.1	13	34	31840	1970	5	5700	575	1	710	49	900	8	1	29	1	528	93.6	78	3	1	3	50	5
TATS# 9	.2	19100	6	1	235	.5	3	5970	.1	11	32	32070	1930	15	5860	347	1	190	50	920	4	1	37	1	627	100.7	78	2	1	4	62	5
TATS# 10	.1	30960	10	1	242	.7	3	4060	.1	14	45	41000	3400	11	6910	329	1	150	74	1100	9	1	37	1	476	133.4	101	3	1	5	78	5
TATS# 11	.3	19110	14	1	174	.7	3	9580	.1	18	57	34950	3660	7	9320	772	2	750	92	920	10	1	42	1	517	104.7	95	2	1	4	64	5
TATS# 12	.1	19590	1	1	153	.3	3	4500	.1	10	24	32140	1820	7	6060	353	1	190	30	600	2	1	24	1	534	118.9	76	3	1	4	49	5
TATS# 13	.2	19620	1	1	146	.3	3	2880	.1	8	24	24390	1850	1	3570	122	1	130	32	530	6	1	19	1	699	117.9	60	5	1	4	56	10
TATS# 14	.3	16730	2	1	102	.1	3	2710	.1	7	24	20150	1750	1	3240	148	1	700	25	490	10	1	20	1	607	95.4	50	4	1	3	47	5
TATS# 15	.1	22250	4	1	175	.7	3	4160	.1	16	48	42270	1670	14	7440	661	1	190	76	920	7	1	19	1	549	108.5	110	1	1	4	61	5
TATS# 16	.1	18460	1	1	198	.4	3	3700	.1	14	27	41420	1040	11	3110	381	1	430	72	710	6	1	17	1	495	127.6	95	2	1	5	81	5
TATS# 17	.1	15850	7	1	138	.5	1	1360	.1	18	45	42140	1390	9	3450	490	2	50	115	990	5	1	11	1	99	99.1	163	1	1	3	55	5
TATS# 18	.1	13890	10	1	151	.4	1	5170	.1	14	36	31200	950	4	6220	252	1	140	83	360	5	1	21	1	206	89.4	67	1	1	3	52	5

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: TATSATUA P.O. PAXTC
ATTN: G. CROWE/J. BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0272-SJ3
DATE: 91/08/07
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
TATS# 19	.1	17120	5	8	158	.4	1	2140	.1	12	30	44770	850	13	8000	383	1	70	54	810	16	1	11	1	249	137.7	112	3	1	5	82	5
TATS# 20	.1	13080	8	6	138	.7	1	8510	.1	17	40	41800	710	33	5120	1351	2	330	87	890	15	1	47	1	146	90.9	123	1	1	3	56	10
TATS# 21	.1	18040	7	5	153	.4	2	3960	.1	12	26	35240	660	15	8980	234	1	90	66	470	9	1	15	1	186	95.3	108	3	1	3	57	10
TATS# 22	.1	13020	13	5	194	.3	1	3790	.1	14	31	41520	860	15	4830	325	1	70	69	750	11	1	16	1	206	107.5	138	2	1	3	52	5
TATS# 23	.1	15220	10	5	118	.3	2	2290	.1	14	29	45300	1180	15	4910	363	1	100	46	1000	11	1	14	1	341	123.6	109	2	1	4	54	5
TATS# 24	.1	16070	9	5	144	.2	3	1480	.1	13	29	46320	1260	13	5010	293	1	80	52	910	11	1	13	1	688	130.5	120	3	1	4	57	5
TATS# 25	.4	10930	7	3	157	.2	5	5320	.1	9	19	26520	1100	7	3940	286	1	100	25	560	11	1	20	1	947	87.6	98	3	1	3	38	5
TATS# 26	.1	10680	5	4	160	.2	4	3630	.1	14	19	33170	1260	7	2640	1184	1	80	26	750	11	1	17	1	588	101.1	98	2	1	3	43	5
TATS# 27	.1	8870	4	3	203	.1	1	5190	.1	11	23	25370	1080	7	3670	512	1	100	39	520	10	1	17	1	194	70.8	75	2	1	2	34	5
TATS# 28	.1	13230	11	4	148	.4	3	4370	.1	11	24	34540	1200	14	4380	212	1	90	48	720	12	1	19	1	337	100.4	106	3	1	3	49	5
TATS# 29	.1	13350	29	4	71	.4	2	2650	.1	13	28	33520	900	11	4820	233	1	100	71	770	10	1	13	1	209	90.6	109	3	1	3	50	10
TATS# 30	.1	15420	13	3	102	.5	2	3330	.1	11	25	33820	860	13	5880	230	1	120	28	570	10	1	13	1	351	92.9	86	3	1	3	44	5
TATS# 31	.1	10500	10	3	80	.1	2	2500	.1	11	26	34080	800	9	3860	152	1	90	42	420	9	1	11	1	221	101.1	71	2	1	3	42	5
TATS# 32	.1	15160	13	3	108	.3	2	5250	.1	10	23	32800	1280	14	4880	200	1	100	36	640	12	1	18	1	347	102.8	129	3	1	3	45	10
TATS# 33	.1	18830	20	4	167	.5	3	5530	.1	14	31	34170	1640	18	7880	598	1	150	44	610	14	1	23	1	332	96.0	210	3	1	3	53	5
TATS# 34	.1	17930	12	3	133	.4	3	4510	.1	11	25	30650	770	11	8310	271	1	170	31	350	9	1	18	1	428	98.3	96	4	1	3	54	5
TATS# 35	.1	25970	7	4	162	1.0	3	6360	.1	19	58	39810	2190	16	9600	1004	1	1040	87	860	17	1	27	1	376	93.9	289	2	1	3	66	10
TATS# 36	.1	16620	7	3	105	.7	2	6330	.1	14	28	34820	1350	14	7930	481	1	440	47	490	14	1	24	1	395	92.3	138	2	1	3	57	10

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: TATSATUA PAXTC
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0306-SJ1
DATE: 91/08/10
* SILTS * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L800 1	.1	9200	10	8	1565	.8	1	8720	.1	14	61	45280	2320	8	4140	518	1	110	35	810	10	1	84	1	130	108.9	95	1	1	3	28	15
L800 2	.1	7550	1	5	412	.5	1	5520	.1	10	22	38050	1680	7	2310	538	1	100	11	770	6	1	44	1	154	88.1	85	1	1	2	18	5
L800 3	.3	5130	9	3	189	.3	1	5400	.1	6	30	26430	860	6	2110	375	2	80	1	1220	14	2	15	2	320	66.4	61	1	1	1	10	5

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: TATSATUA P.O. PAXTC
ATTN: G. CROWE/J. BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0272-SJ4
DATE: 91/08/07
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
TAT SILT #1	.1	16940	2	11	206	.6	2	8000	.1	12	34	29710	1940	19	7150	593	1	230	55	930	10	1	46	1	500	88.3	116	1	1	3	50	10

COMP: AZIMUTH GEOLOGICAL
PROJ: TATSATUA P.O. PAXTC
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0350-SJ3
DATE: 91/08/16
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
18183	.4	7120	10	14	263	.1	2	12640	.1	13	28	37050	1230	10	4520	424	1	140	56	590	11	1	55	1	342	106.2	66	1	1	2	34	10
18184	.3	6380	5	9	68	.1	3	8390	.1	10	16	37560	580	10	4010	252	1	160	14	450	7	1	34	1	525	132.5	48	1	1	3	32	5

Appendix E

ANALYTICAL PROCEDURES

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PRECEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR WET GOLD GEOCHEMICAL ANALYSIS

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

5.00 grams of sample is weighed into porcelain crucibles and cindered @ 800 C for 3 hours. Samples are then transferred to beakers and digested using aqua regia, diluted to volume and mixed.

Further oxidation and treatment of 75% of the above solution is then extracted for gold by Methyl Iso-butyl Ketone.

The MIBK solutions are analyzed on an atomic absorption spectrometer using a suitable standard set.

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
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MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR TRACE ELEMENT ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu,
Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb,
Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

0.50 gram of the sample is digested for 2 hours with an aqua regia mixture. After cooling samples are diluted to standard volume.

The solutions are analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers.

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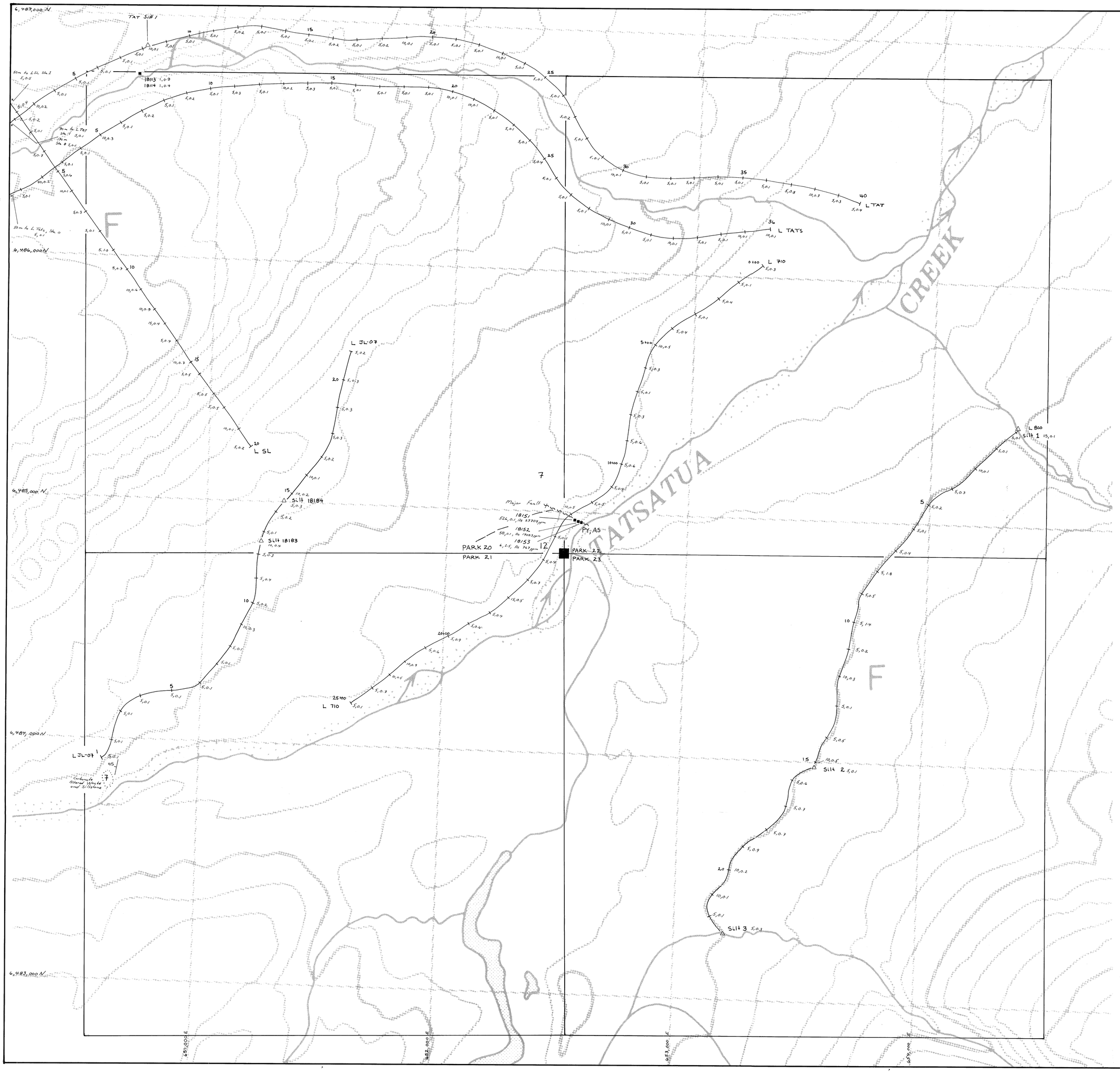

LEGEND

LITHOLOGIES

CRETACEOUS and TERTIARY

12/11 Probably genetically related to 10
11 Felsite, quartz-feldspar porphyry
12 Medium to coarse grained, pink, biotite-hornblende quartz monzonite

10 SLOKO GROUP Light green, purple and white rhyolite, dacite and trachyte flows, pyroclastic rocks and derived sediments

JURASSIC AND/OR CRETACEOUS
Post Middle Jurassic

9 9a Hornblende-biotite granodiorite; 9b Biotite-hornblende quartz diorite; 9c Hornblende diorite; 9d Augite diorite

JURASSIC
Lower and Middle Jurassic

LABERGE GROUP (7/8)

8 TAKWAHONI FORMATION: Granite boulder conglomerate, chert pebble conglomerate, greywacke, quartzose sandstone, siltstone, shale

7 INKLIN FORMATION: Well bedded greywacke, graded siltstone and silty sandstone, pebbly mudstone, limy pebble conglomerate, limestone

TRIASSIC
Upper Triassic

6 SINWA FORMATION: Limestone; minor sandstone, argillite, chert

STUHINI GROUP (4/5)

5 KING SALMON FORMATION: Thick bedded dark greywacke, conglomerate, mudstone, siltstone and shale; minor andesitic lava, volcanic breccia, tuff, limestone, limy shale; locally enclosed in 4

4 Mainly volcanic rocks; andesite and basalt flows, pillow lava, volcanic breccia and agglomerate, lapilli tuff; minor volcanic sandstone, greywacke and siltstone.

LOWER OR MIDDLE TRIASSIC(?)

3 Fine to medium grained, strongly foliated diorite, quartz diorite; and minor granodiorite; age uncertain

TRIASSIC AND EARLIER

2 Fine grained clastic sediments and intercalated volcanic rocks, largely altered to greenstone and phyllite; chert, jasper, greywacke limestone

PERMIAN(?)

1 May not all be of the same age. Peridotite, serpentinite, small irregular bodies of gabbro and pyroxene diorite

A Diorite gneiss, amphibolite, migmatite; age unknown

Geology after J.G. Souther, 1970

SYMBOLS

- ROCK SAMPLE OUTCROP
- ROCK SAMPLE FLOAT
- SILT SAMPLE
- SOIL GEOCHEM LINE Au ppb Ag ppm
- SOIL SAMPLE SITE
- GEOLOGICAL CONTACT
- 40 BEDDING ATTITUDE
- 30 JOINTING
- 70 FOLIATION
- 75 SHEAR/FAULT
- GOSSAN
- LEGAL CORNER POST (L.C.P.)

ABBREVIATIONS

AZ	Azurite
AS	Arsenopyrite
CA	Calcite
CB	Carbonate
CB(Fe)	Carbonate(Iron)
CP	Chalcopyrite
EP	Epidote
GN	Galena
HM	Hematite
LM	Limonite
MA	Malachite
MO	Molybdenite
PO	Pyrrhotite
PY	Pyrite
QZ	Quartz
SI	Silica/siliceous
SP	Sphalerite
TT	Tetrahedrite
VN	Vein
SW	Stockwork

100 0 100 200 400
METRES

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,210

PACIFIC CENTURY EXPLORATIONS LTD.

TATSATUA

GEOLOGY & GEOCHEMISTRY

BRITISH COLUMBIA

AZIMUTH GEOLOGICAL INCORPORATED

DRAWN: J.J.E.	MINING DIV.: ATLIN	FIGURE
N.T.S.: 104 K/7	SCALE: 1:5000	4
DATE: OCT., 1991	REVISED:	