ARIS SUMMARY SHEET

District Geologist, Smithers   Off Confidential: 92.08.23

ASSESSMENT REPORT 21812   MINING DIVISION: Atlin

PROPERTY: Golden Met
LOCATION: LAT 58 22 00   LONG 132 32 30
UTM 08 6471950 643807
NTS 104K07E
CLAIM(S): Golden Met 1-2
OPERATOR(S): Core Ventures
AUTHOR(S): Cann, R.M.;Lehtinen, J.
REPORT YEAR: 1991, 49 Pages
KEYWORDS: Triassic,Diorites,Tertiary,Sloko Group,Volcaniclastics,Shear zones
Quartz veins

WORK
DONE: Geochemical,Geological
GEOL 100.0 ha
ROCK 40 sample(s) ;ME
SOIL 134 sample(s) ;ME
Map(s) - 1; Scale(s) - 1:5000

RELATED
REPORTS: 18926

LOG NO: NOV 20 1991 RD.
ACTION:
FILE NO:

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VANCOUVER, B.C.

GEOLOGICAL AND GEOCHEMICAL REPORT

on the

GOLDEN MET AND GOLDEN MET 2 CLAIMS

Trapper Lake Area, British Columbia

Atlin Mining Division

N.T.S. 104K/7E

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

for

Core Ventures Ltd.
1100 - 808 W. Hastings St.
Vancouver, B.C.

by

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,812

Robert M. Cann, M.Sc.
Jim Lehtinen, B.Sc.

October 1991

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SUMMARY

The Golden Met group comprises two contiguous claims totalling 27 units and is located in northwestern British Columbia, approximately 80 km northwest of Telegraph Creek and 20 km northwest of the Golden Bear gold mine. Access is by float plane and/or helicopter.

Claims overlie Lower Triassic foliated quartz diorite which has been intruded by Cretaceous(?) monzonite dykes and by Tertiary(?) felsic dykes and sills. Erosional remnants of Tertiary(?) intermediate to felsic Sloko Group volcaniclastic strata unconformably overlies the quartz diorite on the west-half of the Golden Met claim.

The Golden Met claims were originally staked and explored in 1983 by Chevron Canada Resources Ltd. Limited prospecting and wide-spaced soil sampling by Chevron located several soil samples containing from 125 ppb to >10,000 ppb gold. Soil sampling by Interex in 1989 returned samples running up to 6,330 ppb gold and confirmed Chevron's sampling.

Current work consisted of contour soil sampling (134 samples over 5.54 km), rock sampling (30 samples) and geological mapping at 1:5,000 scale. Current work did not relocate Chevron's anomalous soil samples but a review of their sample locations suggests the anomaly is actually located immediately east of the Golden Met claims.

1991 soil sampling only located one area of weakly anomalous gold values which is spatially associated with sericitic and pyritic Tertiary felsic tuffs. Rock sampling of this area did not return any samples containing significant gold. Two rock samples contained significant copper (approximately 1%) and one rock sample contained significant zinc and silver (0.48% zinc; 1.68 oz/t silver). These samples are from shears or from quartz veins within shears cutting both the quartz diorite and the Tertiary volcanics. These structures and associated veins have not been further evaluated.

INTRODUCTION

At the request of Prime Equities Inc. (on behalf of Core Ventures Ltd.) Azimuth Geological Inc. was contracted to evaluate the Golden Met property using geological and geochemical techniques. The property is located in northwestern British Columbia, 20 km northwest of the Golden Bear mine, in an under-explored but geologically attractive area.

Limited preliminary rock and soil sampling by Chevron Canada in 1983 and by Interex Development Corp. in 1989 outlined an area of strong silicification containing significant gold and located several soil/talus samples which are strongly anomalous in gold, silver, antimony and arsenic.

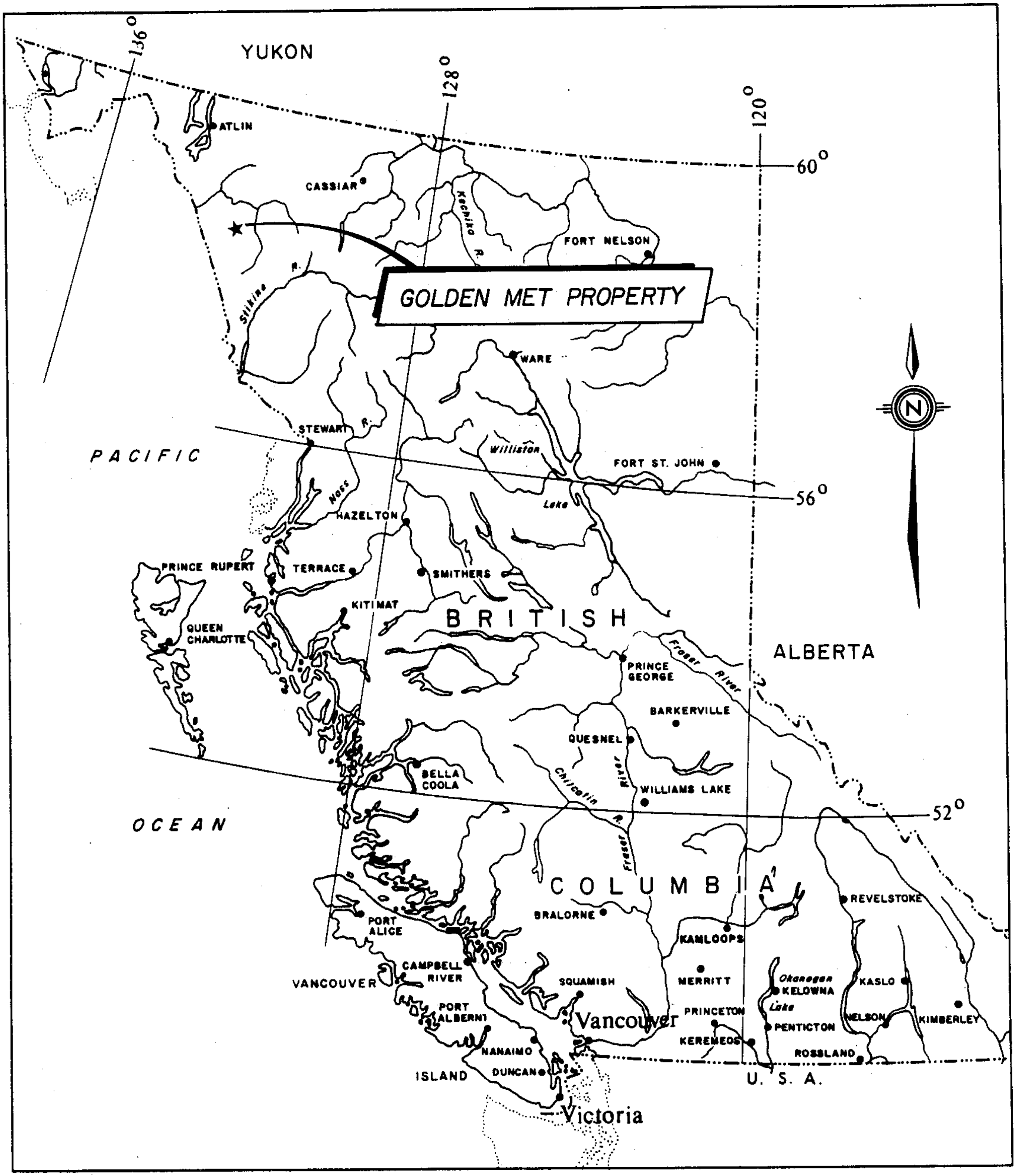
Current work was aimed at developing an understanding of the geological setting, of the distribution and tenor of the mineralization and at developing potential drill targets.

LOCATION, ACCESS and PHYSIOGRAPHY

The Golden Met claim group 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, 80 km to the southeast; Dease Lake, 140 km to the east; and Juneau, Alaska, 110 km to the west-southwest.

Access to the claim area is possible by float-equipped aircraft to Trapper Lake (10 km north-northwest) or to Tatsamenie Lake (10 km east). Airstrips for conventional aircraft are located at Tatsamenie Lake, Muddy Lake (20 km southeast) and Tulsequah (65 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 Golden Met property vary from approximately 1400 m in the southeast corner of the property to 2096 m near the centre of Golden Met 2. All of the property is alpine in nature.



0 100 200 300 Km

TO ACCOMPANY REPORT NO. ______ BY ______

AZIMUTH GEOLOGICAL INC.

CORE VENTURES LTD.

GOLDEN MET

LOCATION MAP

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

CLAIM STATUS

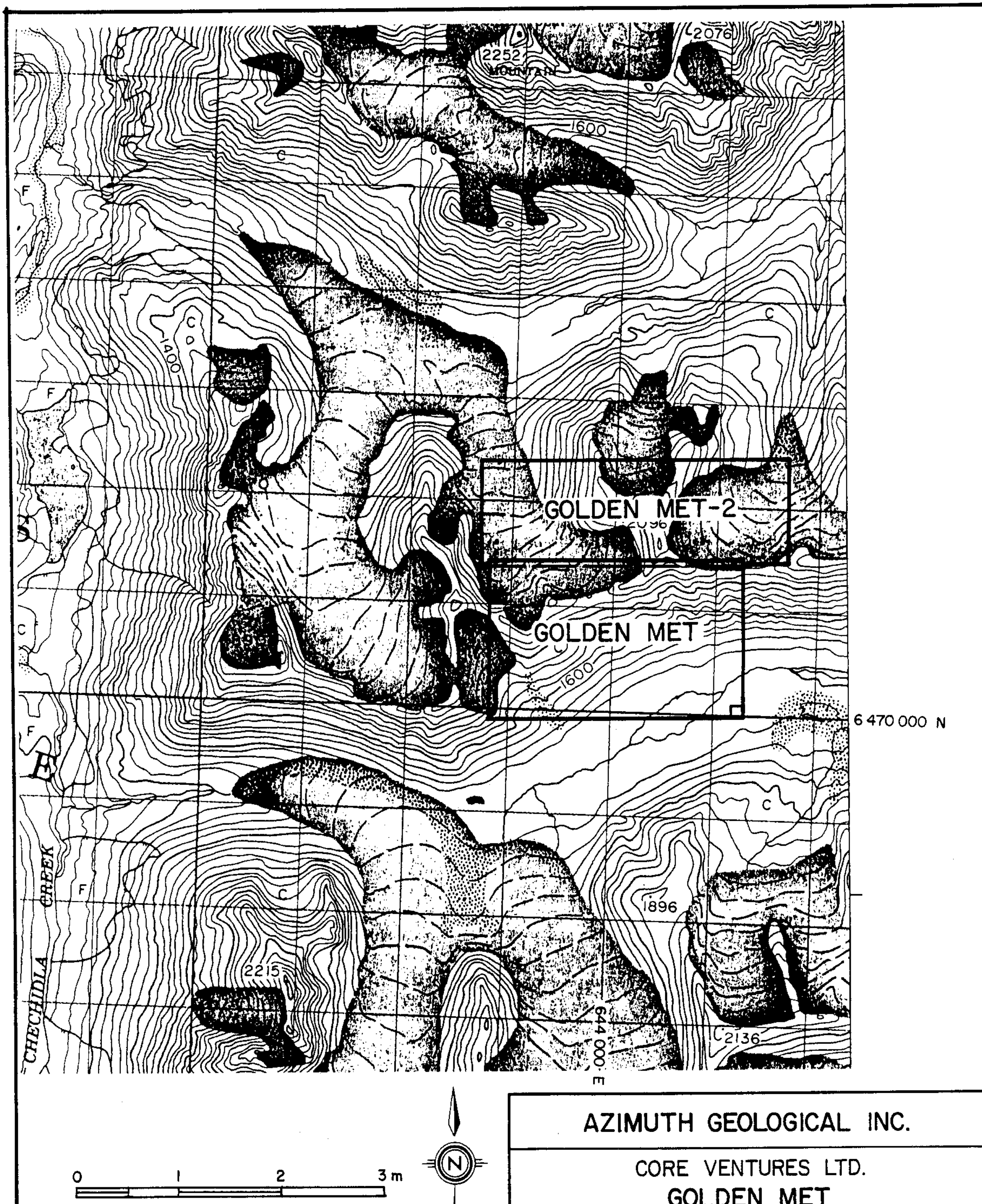
The Golden Met property consists of two modified grid claims totalling 27 units (Figure 2) located in the Atlin Mining Division. Although current claim maps do not show the claims as being contiguous, information provided by J. Blackwell of Prime Equities Inc. (pers. comm., 1991) indicates the claims are contiguous. Legal Corner Posts could not be found in the field, probably due to snow cover and snow and rock slides. Public records indicate both 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]
Golden Met	3406	15	August 23, 1995
Golden Met-2	3589	12	June 23, 1995

1: Assuming acceptance of current submission.



AZIMUTH GEOLOGICAL INC.

CORE VENTURES LTD.
GOLDEN MET

CLAIM MAP

N.T.S. 104 K/7	Data	Date OCT., 1991
Scale 1:50 000	Drawn	FIGURE 2

HISTORY

Although no record remains, it is likely that the general area of the Golden Met property was prospected in the 1920's and 1930's following discovery of the Tulsequah Chief and Polaris Taku deposits, 65 km to the northwest.

No work is recorded on the claims prior to staking by Chevron Canada Resources Ltd. in 1983 as the Rod claims. In that year Chevron conducted 1:10,000 scale mapping, rock sampling and reconnaissance soil sampling (115 soils). Although Chevron's work located two areas of interest, no further work was conducted until 1989.

In 1988 the now lapsed Rod claims were restaked as the Golden Met claim and in 1989 the property was optioned to Interex Development Corp. and United Cambridge Mines Ltd. who added the Golden Met-2 claim. Interex carried out limited follow-up (25 soil samples and 5 rock samples) of the anomalous Chevron results, but could not locate a bedrock source for Chevron's very high soil samples (>10,000 ppb gold).

REGIONAL GEOLOGY

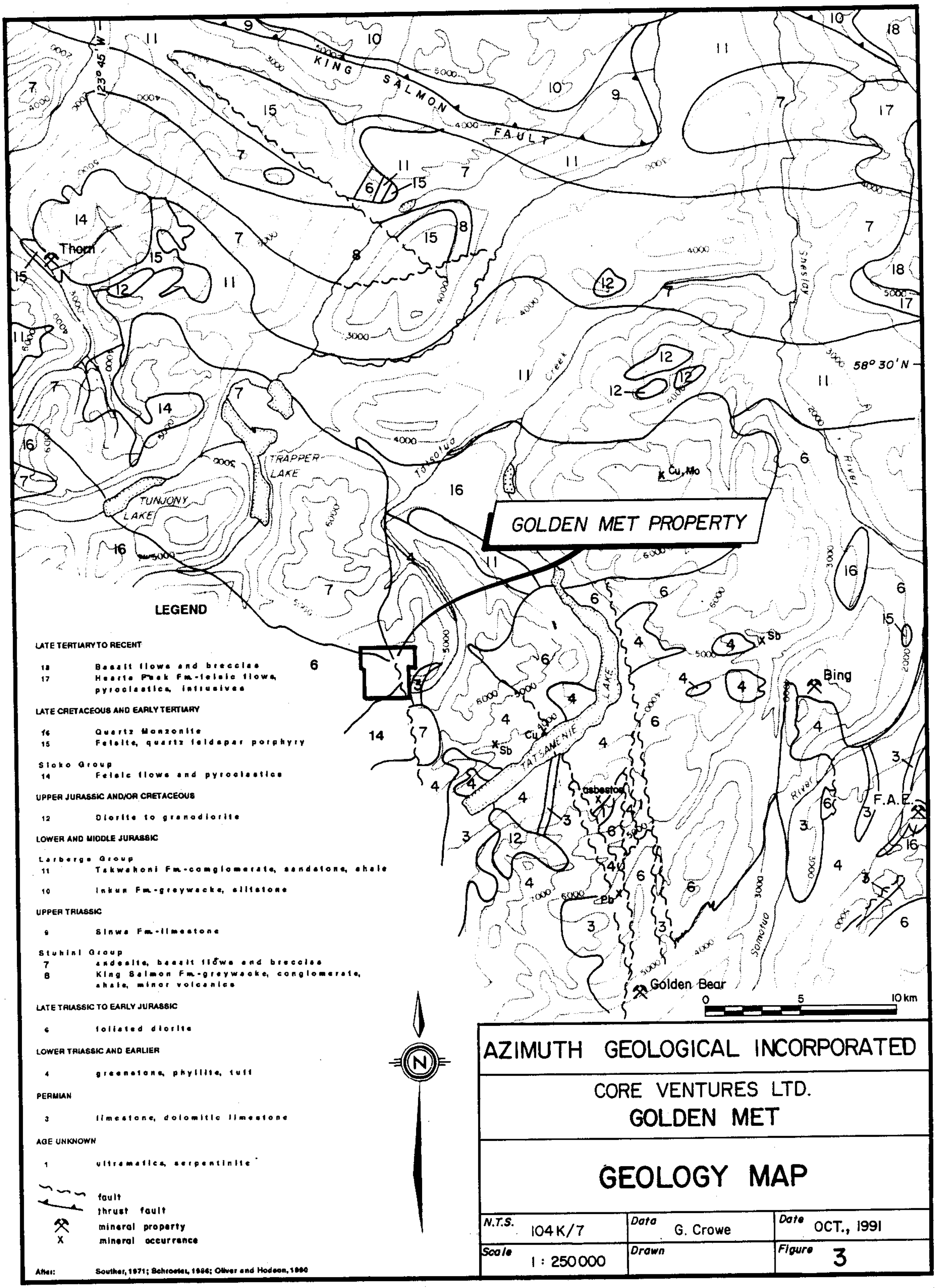
The Tulsequah map-area was most recently mapped by Souther (1971). Regional geology in the Tatsamenie Lake-Trapper Lake area is shown in Figure 3. Oldest rocks in the area are strongly deformed and regionally metamorphosed Permian and Lower Triassic metasediments and metavolcanics (Units 3 and 4) of the *Stikine Assemblage* (Monger, 1980) which are intruded by Lower or Middle Triassic foliated quartz diorite (Unit 6). According to Souther and to current geological mapping, much of the Golden Met property is underlain by this older, foliated quartz diorite. 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). Middle 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.


KING SALMON FAULT
123° 45' W
58° 30' N
Thorn
Trapper Lake
Tunjony Lake
Tatsamenie Lake
Tatsatua Creek
Sheslay River
Samotua River
GOLDEN MET PROPERTY
Cu, Mo
Sb
Cu
asbestos
Pb
Bing
F.A.E.
Golden Bear
0 5 10 km
LEGEND
LATE TERTIARY TO RECENT
18 Basalt flows and breccias
17 Hearts 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 Takwahoni Fm-conglomerate, sandstone, shale
10 Inklin Fm-greywacke, siltstone
UPPER TRIASSIC
9 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
N
AZIMUTH GEOLOGICAL INCORPORATED
CORE VENTURES LTD.
GOLDEN MET
GEOLOGY MAP
N.T.S. 104K/7
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, 65 km west-northwest of the Golden Met 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 20 km southeast of Golden Met (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 northwest of Golden Met (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 work was conducted between June 30 and August 10, 1991 by a geologist (L. Lyons) and assistant T. Muraro with assistance from other personnel. Field work was supported from common camp facilities at Trapper Lake (13 km north-northwest of Golden Met) where a contract Bell 206B helicopter supplied by Trans North Air was available for claim access.

Field work consisted of contour soil sampling at 25 m and 50 m intervals (5.53 km of line; 134 samples), 1: 5,000 scale mapping and prospecting. During mapping, samples of altered and mineralized float and outcrop were routinely taken (30 samples).

PROPERTY GEOLOGY

Preliminary geological mapping at 1:10,000 scale was conducted on the Golden Met property in 1983 by Chevron Canada (Walton, 1983). Current mapping at 1:5,000 scale (Figure 4) was completed by Lyons in July 1991 using airphotos and topography for control. Mapping generally confirmed regional mapping by Souther (1971) and identified three major map units as described below. Mapping on the property was locally hindered by the abundance of talus, snow cover and by steep topography.

Lithologies

3. Foliated quartz diorite:

Much of the property is underlain by strongly foliated intrusive of quartz monzonite to quartz diorite composition. Mafic constituents are chloritized and together with patchy epidote impart a dark green colour to the intrusive. In general this older intrusive is well fractured and cut by chlorite-calcite-quartz-hematite microveins. Narrow shears trending 030°, 130°, and 175° are abundant.

Souther (1971) considered this intrusive to be Lower Triassic in age.

10. Crystal lithic tuff:

An erosional remnant of Tertiary Sloko Group volcaniclastics unconformably overlies the foliated intrusive on the west side of the Golden Met claim. These rocks vary considerably from felsic to dacitic ash tuff, crystal (feldspar) lithic tuff and welded tuff toward the base. In outcrop, volcaniclastics vary from light tan or cream to pale green.

11. Felsic dykes:

Massive, cream to grey coloured feldspar porphyry and feldspar quartz porphyry dykes cross-cut the above units. On Golden Met these dykes are generally fresh and only rarely silicified and pyritic. Souther (1971) noted that these felsic dykes are often closely spatially associated with Sloko Group volcanics and considered them coeval and consanguineous with the Sloko Group.

Felsic dykes consistently trend approximately 030° and dip steeply to the northwest.

12. Monzonite:

Narrow, fine grained, pink to pink-grey monzonite dykes cut both the older quartz diorite and the Sloko volcaniclastics. Dykes trend easterly to northeasterly and are relatively fresh and unaltered. No mineralization has been noted in association with these dykes; however, on other areas outside the claims intruded rocks are strongly hornfelsed and pyritic.

MINERALIZATION AND ROCK GEOCHEMISTRY

Rock samples were taken of all mineralized and altered float and outcrop encountered while prospecting or soil sampling. Although the source of highly anomalous soil and float samples taken by Chevron and by Interex could not be found, seven areas containing significant veining and/or base or precious metals were identified. Significant sample results are tabulated in Table 2 and results discussed in more detail below.

TABLE 2. Significant rock sample results.

Sample No.	ppb Au	ppm Ag	ppm Cu[1]	ppm Pb[1]	ppm Zn[1]
18844	138	57.4	182	757	4771
18845	16	6.5	2395	-	-
18846	135	1.3	-	-	-
18843	60	7.9	9635	-	298
18842	2	0.9	724	-	-
18917	4	4.4	9983	-	-

1: Values less than 200 ppm Cu, 200 ppm Pb, 200 ppm Zn not shown.

In the extreme northeast corner of the Golden Met claim, a 4 m wide zone of rusty rubble hosts a broken quartz vein containing malachite-azurite-pyrite. Sample 18844 of this quartz rubble only contained 182 ppm copper but did contain significant silver and zinc. Orientation of the zone is uncertain.

Near the LCP for Golden Met-2, a limonitic, 10 m wide zone of intense sericite alteration within the quartz diorite hosts a carbonate-magnetite-azurite/malachite stockwork. Although samples from this zone (18845, 18851-18853) generally only contain background metal values, sample 18845 yielded 2395 ppm copper and 689 ppm arsenic and sample 18851 returned 1342 ppm arsenic.

A pyritic, limonitic, 10-15 cm wide quartz vein located in the southeast corner of Golden Met-2 runs 135 ppb gold and 926 ppm arsenic (sample 18846). The vein appears to trend approximately north- south and is hosted by a persistent shear zone mapped to the south.

Near the highest point of the property a narrow silicified zone cutting the quartz diorite contains pyrite, chalcopyrite and malachite. Sample 18843 from this zone carries 60 ppb gold, 7.9 ppm silver and 9635 ppm copper. West of the highest peak, quartz float within the quartz diorite contains pyrite , insignificant gold and anomalous molybdenum (samples 18529 and 18918). The vein appears to trend approximately 030°.

Five-hundred metres north-northeast of the peak, a narrow quartz-carbonate vein trends 220°/48NW within altered Sloko tuffs. The vein is brecciated and drusy and hosts pyrite and malachite; however, except for 724 ppm copper (sample 18842) only background metal values were returned. Two-hundred metres southeast of sample 18842, a narrow malachite/azurite bearing shear within chloritic volcanic tuff trends 291°/90° and runs 4.4 ppm silver and 9983 ppm copper.

SOIL GEOCHEMISTRY

The 134 soil samples were taken along three contour soil lines separated by 120 m to 200 m vertically. Most samples were taken at a 50 m spacing except for L1530 (west stations) which was sampled at 25 m. Because of the steep slopes there is no soil development on the grid and all samples were of talus-fine material. Samples were taken at depths between 5 and 35 cm, placed in Kraft bags and shipped to Min-En Labs in Vancouver (Line 1530) or to TSL Laboratories in Richmond, B.C. (all others) 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 50 ppb while silver values vary from 0.1 ppm to 1.0 ppm. Values are generally uniformally low. The only multi-station anomaly is on L1800 from 12+00E to 14+50E where gold values vary from 10 ppb to 50 ppb. Although this is a weak anomaly it appears to be spatially associated with sericitic, weakly pyritic felsic volcaniclastics. Two single station copper anomalies of unknown origin occur at L1530/8+00E (240 ppm) and L1530/1+75W (1577 ppm).

CONCLUSIONS

The Golden Met claims are largely underlain by well foliated quartz diorite of probable Lower Triasssic age. This older intrusive is unconformably overlain by a small erosional remnant of Lower Tertiary felsic to intermediate volcaniclastics and is cross-cut by narrow Cretaceous(?) monzonite dykes and by felsic porphyritic dykes which are probably feeders to the Lower Tertiary volcanics.

High grade gold values reported by Chevron from soil/talus and rock samples could not be confirmed by present work; however, it appears that these samples were probably taken from an area immediately east of the Golden Met claims.

Reconnaissance soil sampling located only one area of weakly anomalous gold values which appear to be spatially associated with pyritic, sericitic volcanics near the base of the Lower Tertiary volcanic pile. No significant gold values were returned from rocks in this area.

Two rock samples returned close to one percent copper. These samples are from a chalcopyrite-bearing silicified zone within the quartz diorite and from a copper stained shear cutting the Tertiary volcanics. Another sample (18844) taken from a quartz vein within limonitic shear zone up to 4 m wide ran 0.48% zinc and 57.4 ppm (1.68 oz/t) silver. The extent and orientation of most of these shears and veins is unknown.

Many of the soil samples and most of the mineralized rock samples contain significant arsenic and may contain significant cadmium suggesting epithermal affinities to the mineralization.

Any mineralization located by present work is confined to narrow shears or veins and suggests that the 50 m or 25 m soil sample spacing used in this survey is too coarse to adequately and confidently detect this style of mineralization.

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

Dated on this 31th day of October, 1991 at Vancouver, B.C.

Robert M. Cann, M.Sc., F.G.A.C.

CERTIFICATE

I, Jim Lehtinen, of the City of Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist residing at #302 - 880 West 71st Avenue, Vancouver, B.C.

2) I hold a degree of Bachelor of Science in Geology from the University of British Columbia, 1984.

3) I have practised my profession continuously since 1984.

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

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

Dated on this 31th day of October, 1991 at Vancouver, B.C.

GEOLOGICAL ASSOCIATION OF CANADA
J.J. Lehtinen
F5824
FELLOW

Jim Lehtinen, B.Sc., F.G.A.C.

Appendix A

COSTS INCURRED

COSTS INCURRED - JUNE 30 TO AUGUST 10

Mobilization		$ 1,466.41
Supervision - R. M. Cann/G. Crowe	4.3 @ $400/day	1,720.00
Field superv. - L. Haynes/J. Lehtinen	1.7 @ $375/day	637.50
Sr. geol. - L. Lyons	10.5 @ $350/day	3,675.00
Ass't - T. Muraro	3.0 @ $225/day	675.00
Ass't - H. Culbert	3.0 @ $225/day	675.00
Consultant - K. Shannon	1.0 @ $350/day	350.00
Food and accom. at Trapper Lk. camp	23.5 @ $120/manday	2,820.00
Consumable supplies & equip. rental	23.5 @ $25/manday	587.50
Portable radio rentals		50.00
Helicopter (Trans North)	3.71@ $750/hr	2,779.29
Analytical		
Soils (Au+30 element ICP)	40 @ $12	480.00
	94 @ $15	1,410.00
Rocks (Au+30 element ICP)	30 @ $17	510.00
Camp Construction - Jempland (proportional share)		3,080.00
Report		
Drafting		500.00
Copying/Reproductions		550.00
Writing		2,950.00
TOTAL		**$ 24,915.70**

Appendix B

ROCK SAMPLE DESCRIPTIONS

ROCK DESCRIPTION SHEET PROPERTY:GOLDEN MET (CRYGH) 9112

SAMPLE NO.	CLAIM	WIDTH metres	UTM northing	UTM easting	ELEVATION metres	DESCRIPTION
18069	Golden Met	Float	6470980	643830		Quartz breccia, vuggy texture, rusty, trace pyrite
18070	Golden Met	Float	6470980	643830		Greenish-white feldspar porphyry tuff or dyke. Rusty, limonitic.
18087	Golden Met 2	Grab	6471760	643750		Buff to white pyritic feldspar dyke cut by vuggy quartz vein. Trend 065/65N.
18154	Golden Met	Grab	6470260	643875		Manganese aggregate (wad) along creek bed. Rusty
18155	Golden Met	Float	6470900	643870		Subcrop of felsic intrusive with 1% disseminated pyrite and magnetite.
18529	Golden Met 2	Grab	6471990	644140	1970	Quartz vein in monzonite. Rusty, trace pyrite.
18530	Golden Met 2	Float	6471920	644180	1970	Weakly altered monzonite-epidote, chlorite, sericite. 1-2% disseminated pyrite, stringers and along fractures.
18531	Golden Met 2	Grab	6471580	644300	1950	Mod. altered monzonite. Chlorite, epidote altered mafics. 5% pyrite diss. and fracture fill/stingers
18576	Golden Met	Grab	6470830	643510	1790	Feldspar crystal lapilli tuff. 1% disseminated pyrite cubes.
18577	Golden Met	Grab	6471040	644250	1790	Vuggy quartz veining in pyritic quartz-eye rhyolite. 1% pyrite.
18578	Golden Met	Grab	6471040	644270	1790	Weakly sericite altered quartz-eye rhyolite 1-2% pyrite.
18841	Golden Met 2	Grab	6472440	644640		Quartz carbonate vein. Drusy, pyrite as disseminations and in fractures. Max. width 5 cm
18842	Golden Met 2	Grab	6472420	644630		Quartz carbonate vein. Brecciated and drusy with pyrite, malachite. 10 cm. 220/48NW.
18843	Golden Met 2	Grab	6471930	644390		Silicified zone in intrusive(granodiorite). Pyrite and chalcopyrite as open space filling.
18844	Golden Met	Float	6471380	645110		Quartz vein with pyrite, malachite azurite. 4m zone of rusty rubble.

18845		Grab	6471420	645500	Altered tuff/diorite(?). Intense sericite, some silica and carbonate. Spotty magnetite, malachite and azurite found in rubble.
18846		Grab	6471470	645680	Quartz vein. Pyrite, cherty appearance. May be hosted in 193/76W fault zone with brecciation and carbonate veining/alteration.
18847		Grab	6471530	646320	Silicified pyritic intrusive. Disseminated to massive, blebby pyrite hosted in breccia zone.
18848		Grab	6471530	646330	Silicified, pyritic intrusive as 18847. Some quartz stringers.
18849		Grab	6471000	645660	Pyritic, fractured and slightly siliceous zones in diorite/andesite. 2 to 30cm parallel zones, intense limonite 164/74/SW.
18850		Grab	6471140	645530	Silica-carbonate breccia zone to 1m thick. Porphyritic basic and felsic dykes are within the 5m alteration zone. Pyrite. 194/73NW.
18851		Grab	6471420	645500	Altered tuff/diorite(?). Intense sericite alteration, spotty magnetite.
18852		Grab	6471420	645510	Altered tuff/diorite(?). Intense sericite/limonite alteration. Carbonate stringer stockwork. Spotty magnetite.
18853		Grab	6471420	645495	Carbonate vein. 4cm within altered tuffs. Disseminated pyrite.
18914	Golden Met 2	Float	6472330	644815	Quartz vein with blebby pyrite.
18915	Golden Met 2	Grab	6472325	644815	Carbonate vein with disseminated pyrite, 167/55SW Carbonate alteration halo.
18916	Golden Met 2	Grab	6472310	644770	Carbonate vein and breccia in graphitic cherty sediments. Trace pyrite.
18917	Golden Met 2	Grab	6472300	644750	Malachite in steep structure striking 291.
18918	Golden Met 2	Float	6471990	644135	Quartz vein in diorite. Disseminated pyrite.
18919	Golden Met 2	Grab	6471990	644110	Quartz vein, drusy.

Appendix C

ROCK ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: GOLDEN MET PO CRYGH
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-0144-RD1
DATE: 91/07/22
* 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
18004	2.6	14730	40	6	12	.1	1	92090	.1	47	3156	35790	120	4	19110	2934	4	330	52	320	22	2	133	1	392	77.7	36	6	1	5	77	7
18822	1.1	2110	141	5	7	.2	4	7370	.1	23	232	34130	100	3	980	249	178	10	244	230	35	14	5	1	20	24.6	32	1	1	8	195	19
18823	1.2	1650	60	1	18	.1	2	56660	.1	12	90	19790	200	4	5720	923	16	10	91	200	12	2	20	1	9	39.8	17	3	1	10	154	1
18824	.5	6750	262	5	91	.7	1	3730	.1	40	76	66140	2440	9	1840	169	72	70	219	810	40	2	20	1	105	91.2	9	1	1	5	104	4
18825	1.7	580	610	3	21	.4	1	92180	.1	27	9	42160	80	1	90190	2925	1	310	245	10	1	11	104	1	7	18.5	11	1	1	1	99	23
18828	1.4	2090	41	1	5	.8	2	67350	.1	6	96	19890	390	3	29230	458	8	10	12	330	4	2	77	1	12	24.8	14	1	1	7	161	2
18829	2.6	7810	44	6	6	1.1	1	64660	.1	110	2000	95350	520	11	28940	708	49	40	189	5230	2	12	81	1	101	299.6	16	1	1	7	64	1
18830	2.9	8950	161	5	5	1.0	1	54700	.1	203	1934	89280	330	17	20990	430	24	40	271	5710	4	21	53	1	49	201.0	28	1	1	6	68	4
18831	1.9	8630	35	4	5	.9	1	51190	.1	118	1863	85370	950	14	10720	413	38	30	109	5580	7	15	51	1	163	257.5	13	1	1	12	129	2
18832	1.2	21430	352	5	15	.1	9	11570	.1	36	228	91180	1750	65	16780	491	4	330	63	1330	4	1	14	1	2555	115.7	40	1	1	5	80	3
18833	1.5	39860	1	5	1474	.1	8	49140	.1	34	672	72870	1060	35	35830	1723	3	280	1	2100	1	1	406	1	1865	254.1	81	1	1	4	36	2
18834	.6	1400	51	1	46	.1	3	12440	.1	27	266	21830	90	1	2250	68	28	550	82	1000	3	1	21	1	342	82.6	5	1	1	12	271	12
18835	.4	10280	1	7	100	.6	2	3230	.1	14	345	77000	5580	3	6310	33	77	570	13	780	6	1	7	1	342	44.3	17	1	1	4	75	5
18836	.2	1590	57	1	18	.2	2	3180	.1	6	58	15620	450	1	1410	41	14	700	13	150	3	1	4	1	45	35.4	4	1	1	11	271	2
18837	.1	880	60	2	10	.4	1	14490	.1	50	180	67810	190	1	6890	158	44	1000	161	600	6	1	12	1	46	60.8	5	1	1	8	183	4
18838	.3	660	77	1	14	.3	1	8880	.1	23	249	27970	180	1	3470	66	19	900	117	480	2	1	8	1	74	58.6	3	1	1	7	167	3
18839	.1	1520	131	1	10	.5	1	15100	.1	37	694	38720	210	1	8550	234	14	480	77	400	5	1	10	1	17	53.6	6	1	1	7	157	1
18841	1.5	980	31	1	191	.6	2	83180	.1	9	22	28710	110	2	41810	2001	2	30	25	70	1	2	94	1	4	52.1	20	1	1	5	138	1
18842	.9	5240	55	1	209	.4	1	21180	.1	21	724	30730	410	10	6580	609	12	30	14	250	8	4	20	1	8	19.2	15	2	1	8	185	2
18843	7.9	39060	24	6	72	.6	1	54600	.1	17	9635	58060	580	40	22870	1141	4	2200	2	1020	17	22	107	1	962	135.8	298	1	1	6	84	60
18844	57.4	1590	271	1	15	.3	2	4790	79.3	3	182	15020	950	1	400	201	21	50	2	380	757	238	7	1	163	5.6	4771	1	1	8	244	138
18845	6.5	5150	689	1	12	.8	1	93610	.1	48	2395	36830	80	6	57930	1431	1	310	349	3150	2	29	161	1	24	32.9	62	1	1	13	401	16
18846	1.3	2820	926	1	133	.3	1	8840	.1	4	41	13100	660	4	2140	150	64	10	8	230	24	28	5	1	5	21.2	35	2	1	9	176	135
18847	.9	22690	265	3	30	.7	8	9110	.1	28	120	73180	880	67	21350	404	4	610	1	1200	3	1	16	1	1716	204.2	41	1	1	7	111	40
18848	.7	13500	101	1	9	.5	5	7710	.1	18	35	30870	230	36	15570	344	6	680	1	750	9	1	15	1	568	56.7	29	3	1	6	129	6
18849	.1	24850	58	4	27	.9	1	1540	.1	14	64	58770	1260	46	14590	841	1	520	1	730	1	1	10	1	10	153.0	68	2	1	3	35	1
18850	1.7	4460	42	1	8	.9	1	77880	.1	11	25	38660	80	9	59440	1122	10	20	1	350	1	6	46	1	13	104.5	24	1	1	1	49	20
18851	1.1	1090	1342	2	7	1.0	1	56470	.1	66	32	40700	50	1	92370	1073	1	10	582	10	1	11	89	1	13	13.0	14	1	1	4	265	3
18852	1.3	5360	243	1	6	1.5	1	61900	.1	30	45	32120	830	11	50170	975	10	30	304	390	1	20	83	1	9	61.1	38	1	1	6	179	1
18853	1.7	2410	38	1	313	.5	3	104230	.1	9	74	23090	80	3	10850	1130	1	520	23	110	17	9	258	1	32	31.5	7	6	1	3	27	1

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: GOLDEN MET P.O.CRYGH
ATTN: GREG 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-0277-RJ1
DATE: 91/08/02
* 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
m	18069	1.3	6290	33	8	88	.4	1	2870	.1	3	54	7150	1510	21	540	91
m	18070	.6	6800	16	4	54	.4	2	2670	.1	1	44	4400	2420	14	510	192
m	18154	.1	11980	1	10	430	5.5	11	7860	.1	36	178	100200	2590	13	6920	24031
m	18155	.1	8560	1	3	351	.4	6	3380	.1	19	75	27680	2060	15	1020	10656
	18911	1.3	4990	80	2	34	.2	2	22450	.1	9	31	9030	550	13	2820	405
	18912	.9	4730	127	2	10	.2	1	16580	.1	8	12	12300	480	5	1530	330
	18913	1.6	7240	51	1	25	.3	2	35410	.1	5	17	14440	650	16	7650	468
m	18914	.2	11040	742	4	61	.4	1	35170	.1	53	18	69740	80	29	15390	611
m	18915	1.5	7690	157	3	391	1.0	3	97900	.1	14	26	44280	650	29	27250	1807
m	18916	1.2	7810	335	3	36	1.9	3	94910	.1	19	99	45390	490	15	23370	1957
m	18917	4.4	45030	111	5	110	.9	1	29580	.1	60	9983	68700	1350	84	66120	1306
m	18918	2.1	10690	148	3	28	.5	1	11290	.1	11	334	25590	1390	17	4000	634
gm	18919	1.7	3730	73	1	25	.2	1	2660	.1	4	188	10040	660	8	1420	77

SAMPLE NUMBER	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
18069	36	170	4	340	22	14	19	3	48	15.7	24	2	1	8	203	2
18070	13	130	4	60	33	3	23	9	30	6.1	19	1	1	8	207	3
18154	1	840	22	1260	58	1	43	1	1483	126.6	97	1	1	7	99	1
18155	5	770	16	470	41	1	34	1	217	27.0	39	1	1	8	183	2
18911	49	50	110	150	13	11	17	2	36	32.2	15	3	1	73	319	4
18912	83	40	31	200	136	26	7	1	28	31.8	54	2	1	8	146	37
18913	29	20	15	210	14	5	13	1	24	31.3	15	4	1	20	309	2
18914	1	20	43	360	17	3	32	1	24	59.9	26	1	1	11	271	5
18915	7	20	34	320	17	6	95	1	13	92.7	26	3	1	5	93	24
18916	4	20	66	680	18	10	96	1	14	120.9	44	3	1	8	155	51
18917	1	510	225	1910	1	39	45	1	1890	222.8	119	1	2	19	488	4
18918	168	40	9	840	17	5	12	1	62	35.5	35	2	1	6	136	83
18919	36	20	6	250	8	3	4	1	39	16.0	9	2	1	7	175	37

COMP: AZIMUTH GEOLOGICAL
PROJ: GOLDEN MET P.O. CRYGH
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-0349-RJ1
DATE: 91/08/12
* 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
m	18087	.6	2450	247	26	989	.1	1	1630	.1	5	33	19930	1310	12	230	70	37	20	4	440	17	14	11	2	10	9.2	32	1	1	5	132	97
	18529	.7	3810	129	15	121	.1	1	1890	.1	3	29	16470	560	8	270	30	50	20	3	760	9	10	5	1	20	18.7	15	1	1	7	183	56
m	18530	.1	13080	28	11	41	.1	3	15150	.1	10	25	31230	350	15	14000	873	2	310	1	1080	23	7	19	4	421	93.1	77	4	1	4	55	2
	18531	.1	13740	336	9	43	.1	7	16080	.1	17	8	46060	770	20	13240	685	1	750	1	1810	13	1	22	1	1410	105.5	32	3	1	4	61	1
	18532	1.8	2360	101	5	1216	.1	2	33650	.8	10	1661	8020	110	4	6860	391	9	1560	34	200	21	331	72	1	110	14.9	117	2	1	8	180	1
	18533	27.0	31810	2211	9	30	.1	1	66810	.1	165	32495	66630	930	68	46210	1109	1	20	1784	400	32	41	96	1	1713	271.8	799	1	2	36	821	41

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor-Box 10
808 West Hastings Street
Vancouver, B.C. V6C 2X6

REPORT No.
S3036

INVOICE #: 17945
P.O.: R3403

SAMPLE(S) OF Rock

T. Muraro
Project: CRYGH Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
18088	5
18089	5
18090	65
18576	10
18577	10
18578	120

gm

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:CRYGH
S3036

REPORT No. : **M9594**
Page No. : 1 of 1
File No. : AU23MB
Date : AUG-27-1991

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
3088	4	0.16	50	20	28	< 1	< 5	1.03	672	36	59	1100	0.98	0.08	0.44
3089	< 1	0.06	35	20	11	< 1	< 5	0.09	1	32	61	81	4.04	<0.01	0.03
3090	< 1	0.62	615	10	5	< 1	< 5	0.34	< 1	29	64	205	10.82	0.38	0.41
3576	< 1	0.52	20	< 10	177	< 1	< 5	0.07	< 1	2	29	30	1.41	0.30	0.07
3577 4 m	< 1	0.29	30	20	76	< 1	< 5	0.11	< 1	< 1	87	15	0.55	0.09	0.02
3578	< 1	0.19	165	20	102	< 1	< 5	0.05	< 1	2	32	26	1.33	0.13	0.02

SAMPLE #	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
3088	370	< 2	<0.01	8	26	$\boxed{>9999}$	90	< 1	< 10	22	3	1	< 10	10	$\boxed{>9999}$	10
3089	33	38	0.06	89	98	158	< 5	< 1	< 10	11	26	14	< 10	2	145	8
3090	152	72	0.02	39	420	63	20	6	20	13	702	83	< 10	6	115	15
3576	63	10	0.04	3	238	38	< 5	< 1	< 10	17	32	7	< 10	5	43	4
3577 4 m	101	32	0.01	2	26	40	< 5	< 1	< 10	9	4	2	< 10	7	33	9
3578	28	16	<0.01	2	178	26	< 5	< 1	< 10	16	3	9	< 10	4	28	7

.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
t 95 C for 90 min and diluted to 10 ml with DI H2O
his method is partial for many oxide materials

SIGNED :

SL/91

Appendix D

SOIL ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL
PROJ: GOLDEN NET PO CRYGH
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-0148-SJ1+2
DATE: 91/07/23
* SOILS * (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 1530 11+25W	.2	18770	14	6	158	.6	2	6280	.1	12	48	34640	1370	18	7310	1386	1	1130	2	2510	17	1	22	1	293	75.7	72	3	1	1	12	5
L 1530 11+00W	.4	15690	4	3	181	.7	3	10500	.1	12	40	29230	1210	14	5180	1848	1	1100	1	3520	14	1	32	1	236	59.8	52	2	1	1	9	5
L 1530 10+75W	.1	13640	1	2	153	.3	2	6430	.1	15	41	31870	1740	9	4190	3604	2	1080	3	2360	18	1	20	1	176	59.9	61	1	1	1	6	5
L 1530 10+50W	.1	18630	5	1	91	.6	2	3360	.1	9	46	28950	1360	14	5660	812	2	1620	1	2150	9	1	16	1	174	60.2	61	3	1	1	10	5
L 1530 10+25W	.2	20590	1	1	133	.7	2	3600	.1	9	51	34290	1510	14	5050	862	2	1730	1	3250	9	1	20	1	145	75.1	72	4	1	1	10	5
L 1530 10+00W	.9	29920	1	5	166	1.0	3	4170	.1	12	54	35950	2730	23	8360	1105	1	170	1	2140	2	1	10	1	195	87.7	82	3	1	1	10	5
L 1530 9+75W	1.0	16610	1	1	263	.7	2	14380	.1	8	42	25360	1820	9	4100	978	1	1450	1	3370	14	1	38	1	179	64.8	67	3	1	2	13	10
L 1530 9+25W	.5	25450	2	2	96	.9	4	4580	.1	12	51	35500	1430	23	8650	1232	1	870	1	1740	7	1	16	1	426	97.7	76	4	1	2	14	5
L 1530 8+75W	.3	30830	1	3	267	1.4	3	10340	.1	16	99	45040	2150	25	13510	1687	1	1600	2	2010	10	1	27	1	332	111.0	84	3	1	2	19	5
L 1530 8+50W	.6	20160	10	1	306	.8	3	12160	.1	13	55	37440	1860	18	7830	1277	1	1280	1	3380	13	1	37	1	228	77.3	67	4	1	2	13	5
L 1530 8+25W	.4	10330	2	1	304	.1	3	13550	.1	14	29	22160	1380	6	3350	5850	3	1370	10	3600	27	1	41	1	192	39.5	61	1	1	1	10	5
L 1530 8+00W	.3	26190	1	2	294	1.0	3	7230	.1	11	43	36180	1710	25	7630	1028	1	1200	1	2640	7	1	20	1	196	76.5	60	3	1	1	10	5
L 1530 7+75W	.2	24360	4	1	330	.9	2	9040	.1	13	65	36750	1810	29	9900	1133	1	700	1	1530	7	1	22	1	149	77.1	51	2	1	1	10	5
L 1530 7+25W	.1	22160	11	1	217	.5	2	6710	.1	11	37	33660	1750	28	7800	995	3	1440	1	2540	11	1	20	1	153	79.5	92	3	1	1	9	5
L 1530 7+00W	.1	26350	24	1	90	.6	2	1620	.1	13	68	38460	1230	22	8690	1352	1	90	1	2650	1	1	9	1	189	86.0	58	2	1	1	12	10
L 1530 6+50W	.1	17030	66	1	173	.6	2	3020	.1	11	40	36700	1100	13	5150	699	3	880	1	3160	19	1	18	1	137	55.3	71	2	1	1	13	5
L 1530 6+25W	.1	12770	33	1	244	.3	2	5310	.1	10	33	31320	1250	6	3230	2268	6	1010	4	3830	25	1	26	1	95	63.9	62	1	1	1	18	5
L 1530 6+00W	.1	13010	9	1	250	.1	2	3940	.1	11	26	26920	1340	3	1620	3458	7	1110	4	4430	41	1	29	1	107	46.8	51	1	1	1	11	5
L 1530 5+75W	.2	17720	7	1	311	.6	2	7250	.1	8	36	26010	2410	19	5630	850	7	760	2	2850	14	1	25	1	163	53.6	79	1	1	2	14	5
L 1530 5+50W	.2	18450	16	1	476	.7	3	6480	.1	13	41	33600	2110	19	6380	2787	12	840	7	4120	64	1	141	1	149	58.7	113	1	1	1	15	10
L 1530 5+00W	.1	24720	34	1	189	.7	2	1490	.1	14	62	41580	2100	29	7410	1360	11	910	1	2110	25	1	24	1	154	66.9	83	2	1	1	13	10
L 1530 4+75W	.3	31170	67	1	240	1.0	2	4160	.1	17	66	44250	2000	38	12660	1160	5	730	14	1650	13	1	36	1	203	86.1	70	2	1	2	34	5
L 1530 4+25W	.1	26880	47	2	82	.6	1	4040	.1	38	254	80250	750	37	9460	1591	4	1300	1	2470	4	1	13	1	281	166.8	66	1	1	3	15	5
L 1530 4+00W	.1	21930	32	3	75	.5	1	5350	.1	34	237	83250	780	24	7490	1819	2	1290	1	2880	3	1	16	1	271	181.8	74	1	1	3	14	10
L 1530 3+75W	.1	25540	75	2	61	.6	1	5900	.1	30	122	70340	650	38	13780	1597	2	1020	3	3010	5	1	15	1	180	181.8	75	1	1	3	27	5
L 1530 3+50W	.1	23640	19	2	55	.4	3	4790	.1	45	96	68320	690	21	8650	2932	2	1260	1	2530	12	1	14	1	471	171.3	66	1	1	3	19	5
L 1530 3+25W	.1	34540	84	3	82	.7	4	7390	.1	38	228	70940	1000	60	23620	1767	1	150	20	890	1	1	14	1	800	182.3	55	1	1	4	50	5
L 1530 3+00W	.1	20210	40	1	78	.5	3	7140	.1	31	112	58780	950	26	11370	2695	1	920	4	2860	11	1	15	1	479	153.4	73	1	1	3	20	5
L 1530 2+75W	.1	27430	57	2	115	.3	4	6530	.1	26	111	61850	1050	39	14230	2388	2	1250	6	2320	14	1	12	1	349	158.7	72	1	1	3	29	10
L 1530 2+50W	.1	17980	48	1	140	.5	2	8440	.1	29	133	50730	750	26	10890	3029	2	1350	9	2430	15	1	14	1	291	119.9	50	1	1	2	17	5
L 1530 2+00W	.1	20010	62	6	72	.8	1	15100	.1	20	151	39090	490	32	12740	1359	4	410	13	1930	11	3	21	1	156	97.4	55	1	1	2	20	5
L 1530 1+75W	.1	21530	83	5	608	.8	1	12440	.1	26	1577	46810	940	33	13340	1852	3	430	12	2300	12	8	20	1	221	107.5	71	1	1	2	19	10
L 1530 1+50W	.1	27870	46	5	83	.9	3	3190	.1	25	119	56150	570	27	11700	2739	2	370	9	1490	12	1	6	1	384	134.0	54	1	1	3	24	5
L 1530 1+25W	.3	20000	149	3	35	.9	1	17750	.1	13	188	34010	490	37	11320	719	2	430	7	1550	4	1	22	1	150	81.5	51	1	1	2	21	5
L 1530 1+00W	.2	18680	45	3	61	.8	2	7820	.1	17	78	32230	500	35	13530	1228	10	430	14	1870	13	1	16	1	233	81.9	50	2	1	3	35	5
L 1530 0+75W	.1	16750	28	4	79	.7	2	6630	.1	20	52	38650	740	25	10010	1851	6	420	9	2430	14	1	15	1	244	99.2	45	2	1	3	30	5
L 1530 0+50W	.1	20430	55	3	71	.7	3	5430	.1	18	70	39270	640	29	11190	1484	3	330	9	1310	14	1	10	1	519	102.0	56	1	1	3	27	10
L 1530 0+25W	.3	14980	35	2	72	.7	3	6260	.1	15	53	31310	540	24	9720	1021	3	280	6	1620	7	1	15	1	356	79.5	40	3	1	3	21	5
L 1530 0+00W	.1	16110	41	3	84	.6	2	4030	.1	19	47	40760	670	16	7170	2225	9	330	6	2230	11	1	10	1	176	116.8	38	1	1	2	16	5
L 1530 7+50W	.1	10170	21	2	180	.7	1	6420	.1	12	41	31660	1250	7	3510	2580	4	400	2	1980	12	3	19	1	102	70.0	61	1	1	1	5	5

COMP: AZIMUTH GEOLOGICAL
PROJ: GOLDEN MET P.O. CRYGH
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-0349-SJ2
DATE: 91/08/12
* 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
9112 SSMI	.2	18030	265	17	157	.8	13	6050	.1	26	60	51510	1620	28	9110	2098	4	70	6	2060	44	6	11	2	105	67.3	88	3	1	1	11	5
GM 012 1	.4	11780	172	11	170	1.0	1	9180	.1	17	55	43890	2760	11	2100	2299	18	20	3	3260	17	12	17	1	21	49.7	56	1	1	1	2	10
GM 012 2	.1	20350	312	10	120	.4	5	8600	.1	28	70	60410	1960	23	9120	1468	6	100	1	2060	29	15	24	1	772	95.6	65	3	1	2	8	20
GM 012 3	.2	29250	335	9	139	.8	5	7380	.1	29	131	62110	2290	38	12580	1751	2	190	4	1840	54	6	18	1	638	110.3	121	5	1	2	22	5
GM 012 4	.3	20720	183	8	109	.3	5	9760	.1	20	61	48760	2150	24	10320	1178	2	120	1	2480	19	7	22	1	871	92.0	59	4	1	2	11	5
GM 012 5	.4	19650	60	7	192	.5	3	8120	.1	15	60	38070	2480	26	10180	1001	1	90	3	2240	17	3	18	1	549	76.5	51	4	1	2	16	5
GM 012 6	.3	35260	30	8	176	.4	6	7740	.1	28	106	47770	2410	47	30980	1757	1	110	77	1750	13	1	21	1	967	132.1	55	1	1	9	196	5
GM 012 7	.3	17580	76	6	210	.6	4	9310	.1	16	64	42040	2430	28	10260	818	1	70	1	3030	13	3	19	1	538	79.5	47	3	1	2	9	10
GM 012 8	1.2	31590	66	7	58	.1	10	12420	.1	41	138	54340	1120	42	50320	1339	1	210	238	990	3	1	34	1	2023	158.6	54	1	2	10	264	5
GM 012 9	.8	37220	172	7	96	.1	9	8270	.1	51	219	64560	1030	54	52980	1711	1	70	272	1100	2	20	36	1	1909	176.7	66	1	2	10	250	5

TSL LABORATORIES

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor-Box 10
808 West Hastings Street
Vancouver, B.C. V6C 2X6

REPORT No.
S3043

INVOICE #: 17939
P.O.: 1S-0417-SG1

SAMPLE(S) OF Soils

T. Muraro
Project: CRYGH Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L1530 00+00	<5
L1530 00+50	<5
L1530 01+00	<5
L1530 01+50	5
L1530 02+00	<5
L1530 02+50	<5
L1530 03+00	<5
L1530 03+50	<5
L1530 04+00	<5
L1530 04+50	<5
L1530 05+00	15
L1530 05+50	10
L1530 06+00	<5
L1530 06+50	<5
L1530 07+00	<5
L1530 07+50	<5
L1530 08+00	<5
L1530 08+50	<5
L1530 09+00	<5
L1530 09+50	<5

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES

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SASKATOON, SASKATCHEWAN
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T. Muraro
Project: CRYGH Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
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L1530 10+50	<5
L1530 11+00	<5
L1530 11+50	<5
L1530 12+00	<5
L1530 12+50	<5
L1530 13+00	<5
L1530 13+50	<5
L1530 14+00	<5

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Aug 19/91

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PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:CRYGH
S3043

T S L LABORATORIES
2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

REPORT No. : **M9599**

File No. : M9599
Date : AUG-26-1991

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %
.1530	00+00	< 1	1.1	30	10	73	< 1	< 5	0.86	< 1	10	11	77	2.8	0.10	0.71
.1530	00+50	< 1	1.2	20	10	79	< 1	< 5	0.70	< 1	9	16	66	3.3	0.29	0.66
.1530	1+00	< 1	1.1	20	10	80	< 1	< 5	0.21	< 1	4	11	47	2.0	0.27	0.39
.1530	1+50	1	2.3	45	< 10	160	2	< 5	0.40	< 1	13	11	170	5.0	0.34	0.93
.1530	2+00	< 1	1.3	15	< 10	530	1	< 5	0.91	< 1	4	9	36	1.6	0.25	0.23
.1530	2+50	< 1	1.5	20	< 10	320	1	< 5	0.38	< 1	5	11	48	2.5	0.31	0.32
.1530	3+00	< 1	2.1	30	10	270	1	< 5	0.34	< 1	7	23	180	2.8	0.24	0.52
.1530	3+50	< 1	2.2	20	< 10	210	1	< 5	0.33	< 1	6	19	88	2.6	0.13	0.49
.1530	4+00	< 1	2.0	55	10	85	2	< 5	0.25	< 1	12	36	130	4.1	0.23	0.69
.1530	4+50	< 1	2.4	95	10	53	1	5	0.08	< 1	8	29	83	4.6	0.18	0.45
.1530	5+00	< 1	1.9	65	10	78	1	< 5	0.16	< 1	10	25	77	3.6	0.14	0.51
.1530	5+50	< 1	2.0	65	10	170	2	5	0.18	< 1	13	18	120	4.1	0.32	0.66
.1530	6+00	< 1	1.4	30	< 10	100	< 1	5	0.08	< 1	7	17	76	3.2	0.23	0.42
.1530	6+50	< 1	1.5	60	20	89	< 1	< 5	0.16	< 1	11	36	88	3.5	0.23	0.64
.1530	7+00	< 1	1.4	20	< 10	180	< 1	< 5	0.47	< 1	5	12	95	2.4	0.23	0.39
.1530	7+50	< 1	1.7	15	< 10	190	< 1	< 5	0.25	< 1	2	13	26	1.4	0.34	0.23
.1530	8+00	< 1	1.9	40	< 10	160	1	< 5	0.89	< 1	7	25	240	3.1	0.30	0.61
.1530	8+50	< 1	1.4	35	< 10	310	< 1	< 5	0.64	< 1	4	16	36	1.9	0.15	0.37
.1530	9+00	< 1	1.5	30	< 10	150	< 1	< 5	0.54	< 1	5	18	54	2.1	0.26	0.47
.1530	9+50	< 1	1.7	30	< 10	220	< 1	< 5	0.55	< 1	6	16	72	2.6	0.30	0.53
.1530	10+00	< 1	1.7	35	< 10	180	< 1	< 5	0.47	< 1	6	27	78	2.6	0.17	0.54
.1530	10+50	< 1	1.5	15	< 10	190	< 1	< 5	0.40	< 1	5	16	67	2.2	0.24	0.45
.1530	11+00	< 1	1.6	20	< 10	250	1	5	0.68	< 1	6	14	110	2.7	0.11	0.50
.1530	11+50	< 1	2.0	45	10	110	< 1	< 5	0.21	< 1	11	24	110	3.3	<0.01	0.65
.1530	12+00	< 1	2.0	25	< 10	280	< 1	< 5	0.41	< 1	7	14	42	2.8	0.19	0.63
.1530	12+50	< 1	1.8	30	< 10	240	< 1	< 5	0.65	< 1	6	11	40	2.7	0.19	0.44
.1530	13+00	< 1	1.1	15	< 10	140	< 1	< 5	0.30	< 1	2	8	20	0.98	0.08	0.16
.1530	13+50	< 1	1.3	10	< 10	320	< 1	< 5	1.4	< 1	8	9	65	2.2	0.26	0.43
.1530	14+00	< 1	1.8	35	< 10	130	< 1	5	0.35	< 1	11	14	66	3.7	0.18	0.61

SAMPLE #		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
.1530	00+00	490	2	0.02	15	1600	8	15	4	< 10	32	540	73	< 10	14	60	2
.1530	00+50	480	4	0.01	8	1900	8	< 5	4	< 10	21	280	98	< 10	17	55	1
.1530	1+00	310	12	0.02	5	810	11	< 5	< 1	< 10	14	48	51	< 10	8	55	< 1
.1530	1+50	1400	10	0.02	7	1500	14	< 5	5	< 10	15	33	74	< 10	16	110	3
.1530	2+00	370	8	0.01	3	1100	19	< 5	2	< 10	100	15	24	< 10	14	51	2
.1530	2+50	560	10	0.01	5	1300	22	< 5	2	< 10	38	19	39	< 10	16	64	< 1
.1530	3+00	650	8	0.02	13	950	33	< 5	3	< 10	37	41	48	< 10	14	70	< 1
.1530	3+50	500	12	0.02	10	1300	24	< 5	3	< 10	37	23	48	< 10	12	75	1
.1530	4+00	1000	12	0.01	21	1300	25	< 5	4	< 10	12	66	75	10	21	75	2
.1530	4+50	580	12	0.01	12	1000	30	< 5	3	< 10	7	64	68	10	20	58	1
.1530	5+00	1200	10	0.01	12	1300	42	< 5	3	< 10	8	46	62	< 10	21	83	1
.1530	5+50	1900	8	0.01	13	1000	50	< 5	5	< 10	13	53	73	< 10	20	91	2
.1530	6+00	580	6	0.01	8	1400	16	5	< 1	< 10	9	35	55	< 10	8	63	< 1
.1530	6+50	1200	< 2	0.01	19	920	20	< 5	4	< 10	7	110	60	< 10	11	51	2
.1530	7+00	430	6	0.01	6	880	17	< 5	2	< 10	34	32	36	< 10	16	53	< 1
.1530	7+50	140	6	0.02	4	950	13	< 5	< 1	< 10	17	9	28	< 10	6	51	< 1
.1530	8+00	400	< 2	0.01	13	1300	10	< 5	7	< 10	32	63	59	< 10	79	63	3
.1530	8+50	320	2	0.02	9	1300	130	< 5	1	< 10	30	41	49	< 10	9	46	< 1
.1530	9+00	260	4	0.01	10	1300	16	< 5	2	< 10	25	41	46	< 10	13	47	< 1
.1530	9+50	370	< 2	0.01	10	950	8	5	3	< 10	27	28	50	< 10	15	47	3
.1530	10+00	410	< 2	0.01	14	1100	10	10	4	< 10	28	56	51	< 10	16	50	2
.1530	10+50	230	6	0.01	8	930	22	< 5	2	< 10	21	29	53	< 10	9	42	< 1
.1530	11+00	360	2	0.01	8	1300	10	10	5	< 10	26	26	49	< 10	28	52	3
.1530	11+50	1100	2	0.01	14	1400	12	< 5	4	< 10	9	87	65	< 10	15	56	2
.1530	12+00	440	< 2	0.01	9	1400	6	< 5	3	< 10	26	31	58	< 10	11	50	2
.1530	12+50	470	< 2	<0.01	6	1400	6	< 5	2	< 10	40	27	57	< 10	12	56	1
.1530	13+00	180	< 2	<0.01	4	940	2	5	< 1	< 10	20	11	26	< 10	5	35	< 1
.1530	13+50	830	2	<0.01	6	1500	4	< 5	5	< 10	69	28	34	< 10	31	58	2
.1530	14+00	1100	< 2	<0.01	10	1300	14	< 5	4	< 10	21	110	63	< 10	16	59	1

. .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
t 95 C for 90 min and diluted to 10 ml with DI H2O
his method is partial for many oxide materials

SIGNED :

SL/91

TSL LABORATORIES
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor-Box 10
808 West Hastings Street
Vancouver, B.C. V6C 2X6

REPORT No. S3044

INVOICE #: 17942
P.O.: 1S-0418-SG1

SAMPLE(S) OF Soils

T. Muraro
Project: CRYGH Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L1640 00+00	<5
L1640 00+50	<5
L1640 01+00	<5
L1640 01+50	<5
L1640 02+00	<5
L1640 02+50	<5
L1640 03+00	<5
L1640 03+50	<5
L1640 04+00	<5
L1640 04+50	<5
L1640 05+00	<5
L1640 05+50	<5
L1640 06+00	<5
L1640 06+50	<5
L1640 07+00	<5
L1640 07+50	<5
L1640 08+00	<5
L1640 08+50	<5
L1640 09+00	5
L1640 09+50	5

COPIES TO: J. Blackwell
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Aug 19/91

SIGNED Bernie Dunn

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L1640 10+50	5
L1640 11+00	<5
L1640 11+50	<5
L1640 12+00	<5
L1640 13+00	<5
L1640 13+50	<5
L1640 14+00	10
L1640 14+50	<5
L1640 15+00	<5
L1640 15+50	<5
L1800 00+00	<5
L1800 00+50	<5
L1800 01+00	<5
L1800 02+00	<5
L1800 02+50	<5
L1800 03+50	<5
L1800 05+00	<5
L1800 05+50	<5
L1800 06+00	<5

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

SIGNED Bernie Dunn

CTA

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.

TSL LABORATORIES
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor-Box 10
808 West Hastings Street
Vancouver, B.C. V6C 2X6

REPORT No.
S3044

INVOICE #: 17942
P.O.: 1S-0418-SG1

SAMPLE(S) OF Soils

T. Muraro
Project: CRYGH Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L1800 06+50	<5
L1800 07+00	<5
L1800 07+50	<5
L1800 08+00	<5
L1800 08+50	<5
L1800 09+00	<5
L1800 09+50	<5
L1800 10+00	<5
L1800 10+50	<5
L1800 11+00	<5
L1800 11+50	<5
L1800 12+00	10
L1800 12+50	10
L1800 13+00	25
L1800 13+50	10
L1800 14+00	50
L1800 14+50	10
L1800 14+75	5

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INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

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PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:CRYGH
S3044

T S L LABORATORIES
2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

REPORT No. : M9602

File No. : M9602
Date : AUG-27-1991

SAMPLE #		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
1640	00+00	< 1	1.7	45	< 10	110	< 1	< 5	0.26	< 1	9	14	61	2.9	0.10	0.51	940	< 2	<0.01	15	1100	13	10	1	< 10	15	63	68	< 10	9	58	< 1
1640	00+50	< 1	1.4	60	< 10	110	< 1	< 5	0.11	< 1	9	27	49	3.3	0.06	0.44	860	8	0.01	15	950	22	5	< 1	< 10	10	37	65	< 10	6	58	< 1
1640	1+00	< 1	0.74	10	< 10	360	2	< 5	0.16	< 1	5	6	16	1.8	0.45	0.16	1100	10	<0.01	2	540	31	< 5	< 1	< 10	11	33	13	< 10	11	80	< 1
1640	1+50	< 1	1.5	25	< 10	350	2	< 5	0.12	< 1	6	10	29	2.7	0.23	0.32	1800	4	<0.01	5	1100	55	< 5	1	< 10	8	42	36	< 10	15	74	< 1
1640	2+00	< 1	1.0	10	< 10	550	3	< 5	0.14	< 1	9	8	24	2.7	0.10	0.28	3200	8	<0.01	5	660	87	< 5	2	< 10	9	64	25	< 10	19	89	< 1
1640	2+50	< 1	1.1	15	< 10	360	2	< 5	0.23	< 1	6	8	25	2.2	0.23	0.28	1600	2	<0.01	5	440	63	< 5	3	< 10	9	85	25	< 10	19	65	< 1
1640	3+00	< 1	1.5	30	< 10	150	1	< 5	0.15	< 1	11	12	47	2.9	0.31	0.48	1700	2	<0.01	8	690	47	10	4	< 10	10	340	42	< 10	18	76	1
1640	3+50	< 1	1.6	20	< 10	160	< 1	< 5	0.21	< 1	8	9	30	2.8	0.10	0.42	1300	2	<0.01	6	810	33	5	3	< 10	12	350	48	< 10	13	57	< 1
1640	4+00	< 1	1.7	25	< 10	160	< 1	< 5	0.16	< 1	9	11	32	3.0	0.11	0.48	1700	< 2	<0.01	7	830	33	< 5	4	< 10	10	320	48	< 10	14	61	< 1
1640	4+50	< 1	1.9	30	< 10	130	< 1	< 5	0.17	< 1	9	13	48	3.4	0.19	0.50	1400	4	0.01	7	840	32	< 5	4	< 10	12	230	54	< 10	17	68	< 1
1640	5+00	< 1	1.6	15	< 10	190	< 1	< 5	0.20	< 1	9	11	44	3.0	0.08	0.47	1800	2	0.01	8	760	44	5	5	< 10	11	600	44	< 10	14	72	2
1640	5+50	< 1	0.94	10	< 10	290	1	< 5	0.42	< 1	7	7	13	2.5	0.31	0.28	890	< 2	0.01	5	580	26	< 5	3	< 10	22	870	27	< 10	19	56	6
1640	6+00	< 1	0.86	10	< 10	380	1	< 5	0.45	< 1	7	11	15	2.8	0.19	0.29	1100	< 2	0.01	4	700	24	< 5	4	< 10	17	1000	39	< 10	21	57	12
1640	6+50	< 1	0.74	5	< 10	290	< 1	< 5	0.31	< 1	6	9	15	2.8	0.18	0.31	1100	< 2	0.01	5	650	23	< 5	3	< 10	14	540	40	< 10	14	57	2
1640	7+00	< 1	0.73	5	< 10	330	< 1	< 5	0.34	< 1	6	6	10	2.5	0.23	0.28	1000	< 2	0.01	3	710	21	< 5	3	< 10	12	440	28	< 10	15	57	9
1640	7+50	< 1	0.77	10	< 10	190	< 1	< 5	0.28	< 1	5	7	17	2.2	0.16	0.29	760	< 2	<0.01	3	790	19	< 5	2	< 10	11	260	27	< 10	13	49	2
1640	8+00	< 1	1.9	25	< 10	140	< 1	< 5	0.06	< 1	5	9	25	2.4	0.21	0.24	890	< 2	<0.01	4	1500	23	10	1	< 10	5	63	30	< 10	8	66	4
1640	8+50	< 1	1.2	15	< 10	220	1	< 5	0.09	< 1	7	9	29	2.7	0.30	0.24	1500	4	<0.01	5	780	42	< 5	2	< 10	8	63	25	< 10	11	67	< 1
1640	9+00	< 1	0.96	20	< 10	230	1	< 5	0.05	< 1	7	8	28	2.8	0.13	0.18	1700	6	<0.01	5	640	54	< 5	2	< 10	10	46	23	< 10	10	77	< 1
1640	9+50	< 1	1.0	30	< 10	190	1	< 5	0.06	< 1	6	8	17	2.8	0.33	0.15	1500	6	<0.01	4	780	55	< 5	1	< 10	11	32	20	< 10	10	84	< 1
1640	10+00	< 1	1.3	50	< 10	120	< 1	< 5	0.12	< 1	6	12	61	2.9	0.10	0.25	1100	6	<0.01	13	870	41	10	1	< 10	11	38	31	< 10	9	71	< 1
1640	10+50	< 1	1.2	20	< 10	120	1	< 5	0.13	< 1	7	11	37	2.8	0.19	0.25	1300	6	<0.01	5	990	36	< 5	2	< 10	9	63	32	< 10	11	72	< 1
1640	11+00	< 1	1.1	35	< 10	110	1	< 5	0.06	< 1	4	7	61	2.7	0.01	0.12	460	6	<0.01	3	1000	22	< 5	< 1	< 10	9	29	35	< 10	9	54	< 1
1640	11+50	< 1	0.79	20	< 10	210	< 1	< 5	0.13	< 1	7	8	44	2.4	0.22	0.14	2100	6	<0.01	3	1400	31	< 5	< 1	< 10	12	18	53	< 10	5	70	< 1
1640	12+00	< 1	1.2	15	< 10	110	1	< 5	0.13	< 1	6	7	66	2.6	0.31	0.17	1400	6	<0.01	2	990	22	< 5	< 1	< 10	7	20	46	< 10	12	63	< 1
1640	13+00	< 1	1.6	25	< 10	230	1	< 5	0.31	< 1	9	10	130	3.0	0.01	0.49	1300	< 2	<0.01	6	1200	8	5	4	< 10	16	13	45	< 10	16	58	2
1640	13+50	< 1	1.6	30	< 10	230	1	< 5	0.19	< 1	8	12	61	3.3	0.21	0.38	1400	< 2	<0.01	6	2400	8	< 5	3	< 10	15	38	51	< 10	6	45	2
1640	14+00	< 1	1.8	30	< 10	430	1	< 5	1.1	< 1	7	11	62	3.4	0.35	0.39	940	< 2	<0.01	6	1900	7	< 5	3	< 10	62	17	54	< 10	20	54	2
1640	14+50	< 1	1.7	25	< 10	270	1	< 5	0.46	< 1	7	10	48	3.5	0.18	0.31	1300	< 2	<0.01	6	2700	8	< 5	4	< 10	29	40	59	< 10	9	62	2
1640	15+00	< 1	1.0	15	< 10	250	< 1	< 5	0.60	< 1	11	8	64	3.5	0.51	0.40	1800	2	<0.01	5	1900	7	< 5	5	< 10	15	64	54	< 10	27	51	2
1640	15+50	< 1	1.9	25	< 10	170	< 1	< 5	0.35	< 1	14	10	95	4.2	0.40	0.73	1900	< 2	<0.01	7	1700	10	< 5	6	< 10	15	74	92	< 10	16	80	3
1800	00+00	< 1	0.80	< 5	< 10	290	2	< 5	0.20	< 1	4	10	13	1.8	0.37	0.23	1600	< 2	<0.01	5	510	42	< 5	2	< 10	14	51	13	< 10	18	61	< 1
1800	00+50	< 1	1.1	10	< 10	250	2	< 5	0.19	< 1	5	11	17	2.2	0.31	0.25	1700	< 2	<0.01	5	640	33	< 5	2	< 10	11	51	20	< 10	19	67	< 1
1800	1+00	< 1	1.6	< 5	< 10	130	< 1	< 5	0.17	< 1	6	13	23	2.7	0.28	0.42	1000	< 2	<0.01	6	860	24	< 5	3	< 10	8	310	48	< 10	13	56	< 1
1800	2+00	< 1	1.6	15	< 10	190	< 1	< 5	0.28	< 1	8	15	21	3.4	0.03	0.62	1100	< 2	<0.01	6	910	24	< 5	5	< 10	11	580	65	< 10	16	62	2

.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
t 95 C for 90 min and diluted to 10 ml with DI H2O
his method is partial for many oxide materials

SIGNED : DB

SL/91

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

PRIME EXPLORATION LTD.

10th Floor Box 10

808 West Hastings St.

PROJ:CRYGH

S3044

REPORT No. : M9602

File No. : M9602

Date : AUG-27-1991

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
.1800 2+50	< 1	1.6	5	< 10	260	1	< 5	0.27	< 1	8	16	22	2.9	0.32	0.53	1400	< 2	0.01	10	750	31	5	5	< 10	17	600	46	< 10	23	67	2
.1800 3+50	< 1	1.5	10	< 10	170	< 1	< 5	0.33	< 1	9	20	20	3.0	0.20	0.62	1100	2	0.01	11	780	29	5	4	< 10	16	820	48	< 10	23	73	9
.1800 5+00	< 1	0.58	5	< 10	470	2	< 5	0.24	< 1	6	7	14	2.0	0.32	0.18	2300	8	<0.01	3	510	43	< 5	2	< 10	17	69	11	< 10	16	64	4
.1800 5+50	< 1	0.75	5	< 10	970	2	< 5	0.29	< 1	9	8	11	2.4	0.31	0.25	3300	2	<0.01	3	510	57	< 5	3	< 10	17	37	20	< 10	19	65	5
.1800 6+00	< 1	0.90	< 5	< 10	670	2	< 5	0.35	< 1	8	7	8	2.2	0.21	0.30	2000	6	<0.01	2	620	45	< 5	3	< 10	17	22	16	< 10	16	55	2
.1800 6+50	< 1	1.1	25	< 10	240	1	< 5	0.32	< 1	7	12	14	2.7	0.40	0.34	930	2	<0.01	11	1000	38	5	2	< 10	15	55	26	< 10	13	56	< 1
.1800 7+00	< 1	1.1	15	< 10	200	1	< 5	0.20	< 1	6	10	15	2.4	0.41	0.29	850	< 2	<0.01	5	850	26	< 5	2	< 10	10	60	22	< 10	12	53	< 1
.1800 7+50	< 1	1.1	20	< 10	200	1	< 5	0.15	< 1	6	10	24	2.4	0.36	0.30	840	< 2	<0.01	5	820	28	< 5	2	< 10	8	46	22	< 10	11	57	< 1
.1800 8+00	< 1	1.1	15	< 10	270	1	< 5	0.22	< 1	8	10	39	2.7	0.38	0.35	1200	6	<0.01	5	1100	38	< 5	3	< 10	9	51	28	< 10	15	61	< 1
.1800 8+50	< 1	1.1	15	< 10	190	1	< 5	0.18	< 1	6	11	31	2.4	0.32	0.32	890	< 2	<0.01	6	700	30	< 5	2	< 10	10	49	24	< 10	14	56	< 1
.1800 9+00	< 1	1.2	15	< 10	160	1	< 5	0.16	< 1	7	9	29	2.5	0.46	0.34	870	2	<0.01	6	970	30	< 5	2	< 10	8	35	28	< 10	10	55	< 1
.1800 9+50	< 1	1.2	15	< 10	290	2	< 5	0.11	< 1	8	9	20	2.8	0.53	0.28	1400	4	<0.01	4	850	42	< 5	2	< 10	7	37	25	< 10	13	63	< 1
.1800 10+00	< 1	1.4	20	< 10	330	1	< 5	0.11	< 1	7	10	20	2.7	0.34	0.30	1500	6	<0.01	5	850	39	< 5	2	< 10	8	24	25	< 10	12	66	< 1
.1800 10+50	< 1	1.4	20	< 10	250	1	< 5	0.12	< 1	7	12	22	2.8	0.38	0.33	1100	6	<0.01	6	970	30	< 5	< 1	< 10	8	18	31	< 10	12	64	< 1
.1800 11+00	< 1	0.85	25	< 10	570	2	< 5	0.25	< 1	9	7	19	3.0	0.29	0.22	1700	8	<0.01	4	650	44	< 5	2	< 10	13	15	17	< 10	14	72	< 1
.1800 11+50	< 1	0.97	15	< 10	260	< 1	< 5	0.19	< 1	6	9	15	2.3	0.37	0.29	770	2	<0.01	4	580	25	< 5	2	< 10	12	15	25	< 10	7	52	< 1
.1800 12+00	< 1	1.1	35	< 10	220	2	< 5	0.12	< 1	6	12	20	2.4	0.32	0.26	1200	12	<0.01	6	740	44	< 5	< 1	< 10	11	10	25	< 10	10	67	< 1
.1800 12+50	< 1	1.0	55	< 10	250	2	< 5	0.79	< 1	16	9	71	4.4	0.21	0.40	1400	10	<0.01	6	2600	19	< 5	4	< 10	26	21	55	< 10	19	85	2
.1800 13+00	< 1	1.2	100	< 10	270	1	< 5	0.74	< 1	16	9	58	4.5	0.29	0.46	1500	6	<0.01	6	2400	24	< 5	4	< 10	23	19	56	< 10	20	79	1
.1800 13+50	< 1	1.0	60	< 10	370	2	< 5	0.63	< 1	15	9	75	4.3	0.32	0.34	1600	6	<0.01	6	1800	24	< 5	4	< 10	23	10	45	< 10	22	79	2
.1800 14+00	< 1	1.1	70	< 10	390	1	< 5	0.63	< 1	14	9	57	4.1	0.39	0.37	1600	4	<0.01	8	1500	19	< 5	4	< 10	23	5	39	< 10	24	72	< 1
.1800 14+50	< 1	1.4	45	< 10	270	2	< 5	0.33	< 1	6	13	31	2.9	0.36	0.33	750	6	<0.01	7	970	24	< 5	2	< 10	19	5	32	< 10	10	67	< 1
.1800 14+75	< 1	1.7	55	< 10	150	1	< 5	0.26	< 1	10	13	55	3.3	0.31	0.46	1300	< 2	<0.01	9	1500	19	< 5	3	< 10	9	11	43	< 10	11	59	< 1

.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
t 95 C for 90 min and diluted to 10 ml with DI H2O
his method is partial for many oxide materials

SIGNED :

SL/91

Appendix E

ANALYTICAL PROCEDURES

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.

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.

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067

T S L LABORATORIES
DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED
2 - 302 - 48th STREET,
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

1 - SAMPLE PREPARATION PROCEDURES
Rock and Core

- Entire sample is crushed, riffled and the subsequent split is pulverized to -150 mesh.

Soils
- Sample is dried and sieved to -80 mesh.

2 - FIRE ASSAY PROCEDURES
Geochem Gold (Au ppb) -
A 30g subsample is fused, cupelled and the subsequent dore' bead is dissolved in aqua rega. The solution is then analyzed on the Atomic Absorption.

Assay Gold (Au oz/ton) -
A 29.16g subsample is fused, cupelled and the subsequent dore' bead is parted with a dilute nitric acid solution. The gold obtained is rinsed with DI water, annealed and weighed on a microbalance.

Assay Silver (Ag oz/ton) -
A 2.00g sample is digested with 15mls HCl plus 5mls HNO3 for 1 hour in a covered beaker; diluted to 100mls with 1:1 HCl. The solution is then run on the Atomic Absorption.

3 - BASE METALS
Geochem - A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H20. The solutions are then run on the Atomic Absorption.

Assay - A 0.500g sample is taken to dryness with 15mls HCl plus 5mls HNO3, then redissolved with 5mls HNO3 and diluted to 100mls with DI H20. The solution is run on the Atomic Absorption.

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5. ICAP Geochemical Analysis -
A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H20. The solutions are then run on the ICAP.

6. Heavy Mineral Concentrates -
The sample is initially wet sieved through -1700 micron, then placed on a shaker table. A heavy liquid separation is performed, Methylene Iodide, (S.G. - 3.3); diluted to give a S.G. of 2.96. The heavies were then analyzed for Au by Fire Assay plus an ICAP Scan.

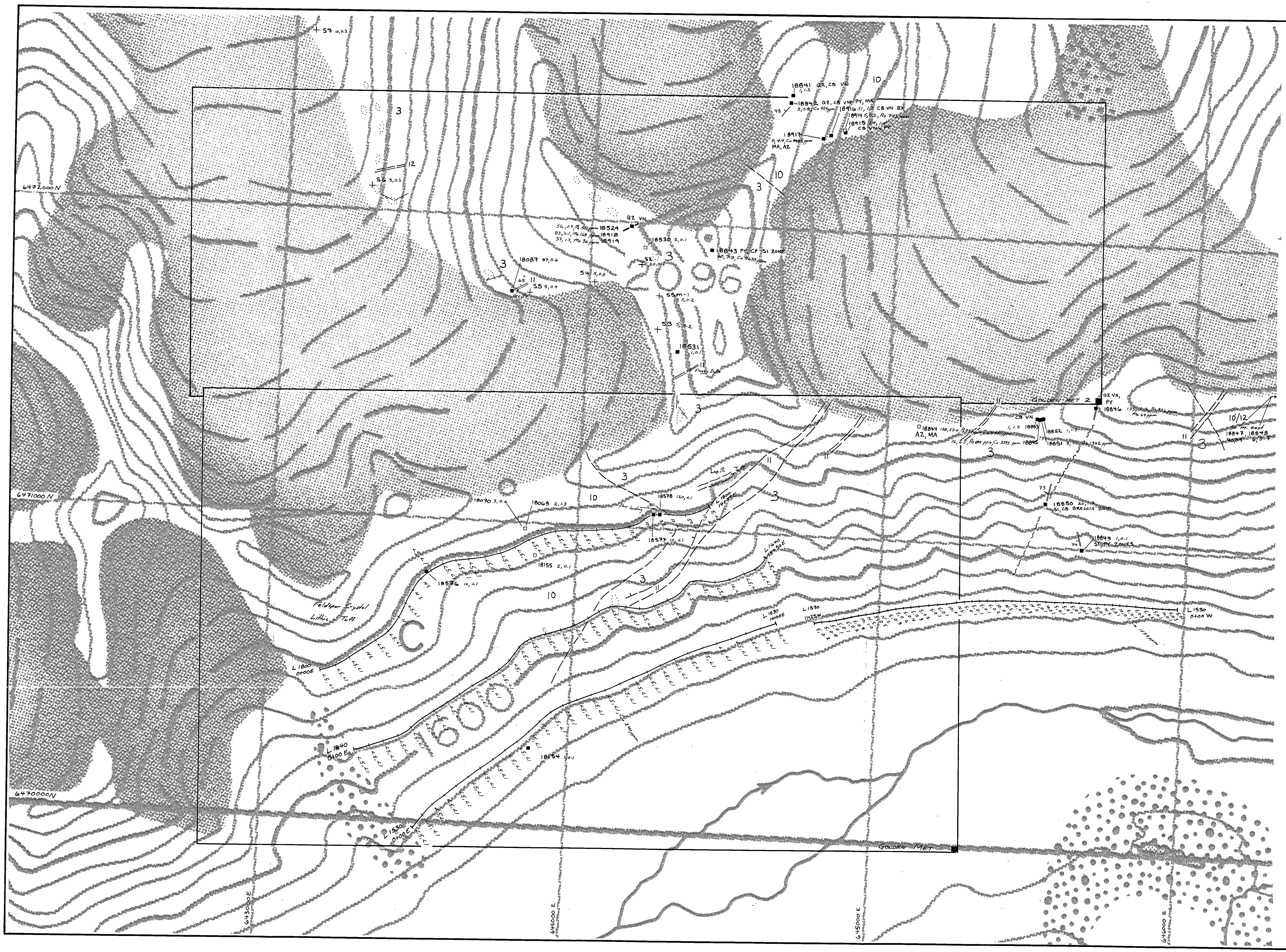
7. Mercury Analysis -
A 1 gram subsample is digested with 4mls of nitric acid plus 1ml of sulfuric acid in a water bath for 1 1/2 to 2 hours, diluted with DI water. A couple of drops of a potassium permangante solution are then added to each sample solution. An aliquot of each solution is then analyzed on the A.A. by a cold vapor procedure.

Yours truly,

Bernie Dunn

Bernie Dunn

BD/vh



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

N

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GOLDEN MET

GEOLOGY & GEOCHEMISTRY

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