MAP NO.: 105 F 10

ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093041
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: DIAMOND DRILLING
GEOPHYSICS, TRENCHING

REPORT FILED UNDER: PACIFIC COMOX RESOURCES LIMITED

DATE PERFORMED: 1988 **DATE FILED:**

LOCATION: **LAT.:** 61°33'N **AREA:** SEAGULL CREEK

LONG.: 132°40'W **VALUE $:** NOT ASSESSMENT

CLAIM NAME & NO.: TAY & LP CLAIMS

WORK DONE BY: PACIFIC COMOX RESOURCES

WORK DONE FOR: PACIFIC COMOX RESOURCES

DATE TO GOOD STANDING:

REMARKS: THIS REPORT DETAILS HISTORY AND PAST WORK DONE ON THE PROPERTY. GOLD, PYRRHOTITE +/- CPY HOSTED IN VEINS AND SKARNS.

DIAMOND DRILLING

GEOPHYSICAL AND TRENCHING REPORT

ON THE

TAY-LP CLAIMS

Ross River Area,

Watson Lake Mining District, Y.T.

N.T.S. 105F/10

Latitude 61° 33'N Longitude 132° 40'W

for PACIFIC COMOX RESOURCES LTD.

by

D.G. Allen

D.R. MacQuarrie

J.C. Stephen

June 14, 1989 Vancouver, British Columbia

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SUMMARY

Pacific Comox Resources Ltd. holds title to the TAY- LP mineral claims, located in the Seagull Creek Valley 150 kilometres north east of Whitehorse, Yukon, Canada. The property lies at moderate elevations and has road access.

In 1984, the TAY claims were staked by local prospectors covering an area containing abundant gold bearing sulfide boulders, and then optioned to Cominco Ltd. who had acquired the adjoining LP claims. Based on the results of an airborne geophysical survey (9.25 km of co-incident electromagnetic and magnetic anomalies were identified) Cominco completed additional staking bringing the total property holding to 219 claims covering an area of over 10,000 acres (4100 hectares).

In 1985 and 1987, Cominco completed additional exploration including the drilling of 16 holes, outlining wide, apparently continuous, gold bearing quartz-pyrrhotite vein structures with similar lithology and mineralogy as noted in the gold bearing boulders. Best assays obtained by Cominco from this work were 0.83 oz/ton gold (28.4 g/t) from an outcrop of massive pyrrhotite, up to 0.80 oz/ton (27 g/t) gold from a quartz-pyrrhotite boulder, 0.63 oz/ton (21.53 g/t) gold from a quartz-pyrite schist boulder and 0.11 oz/ton gold (3.74 g/t) over 4 metres in drilling. Average grade of all boulders sampled was four times greater than the average grade of all drill core assays.

In January 1988, Pacific Comox obtained an option on the property and completed further ground surveys and a six hole drill program on wide stepouts (to 1 km from Cominco's drilling).

Best assays obtained were 0.172 oz/ton (5.85 g/t) gold over 5.0 metres and 0.315 oz/ton (10.7 g/t) gold over 0.7 metres. These intersections are in separate, northerly trending quartz pyrrhotite vein systems at the southern end of the presently defined area of interest. Each of these intersections has a presently untested strike potential of 1.0 km.

If we assume that (1) the sulfide boulder distribution in the heavily glaciated - fluvial overburden mantling the TAY-LP valley is essentially random and (2) that the vast majority of mineralized boulders are from the immediate vicinity (identical lithology, mineralogy and minor element geochemistry between the boulders and the drilled vein systems) and (3) that since 9% of the 222 sampled sulfide boulders grade greater than 5.0 g/t (average 9.52 g/t (0.28 oz/ton)) then the overall tonnage potential of the quartz pyrrhotite vein systems outlined to date can be estimated at +- 6 million tonnes grading +- 9 g/t (0.25 oz/ton) using a strike length of 800 metres (9% of the strike of the defined vein systems), the observed average vein widths of 5 metres, potential dip lengths of 500 metres, and average ore density of 3.0 g/cc. Preliminary petrographic work indicates that the gold should be leachable.

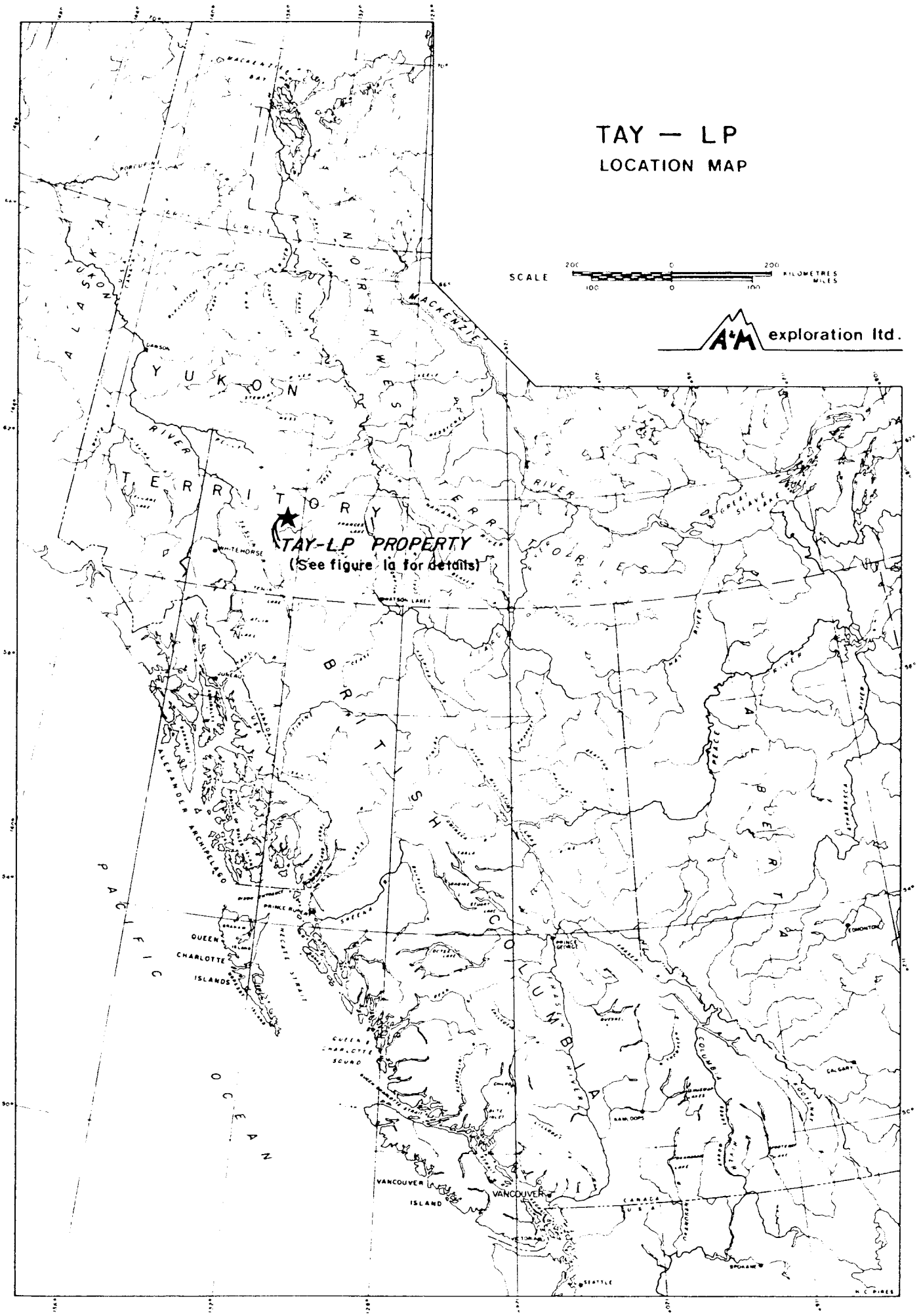
A further exploration program for 1988, consisting primarily of diamond drilling is proposed.

INTRODUCTION

Pacific Comox Resources Ltd. holds the TAY-LP property, comprising 219 claims in the Seagull Creek area, Watson Lake Mining District, Yukon. The Seagull Creek area recently has been the focus of intense exploration activity including Fairfield Minerals' RAM property immediately to the north where several gold targets were tested in 1988 by Equity Silver Mines, and Yukon Minerals' Groundhog Creek property which covers a number of high grade silver-lead-zinc veins. Canamax Resources Inc. holds claims immediately to the west and their producing Ketza River Mine, forecast to produce 30,000 ounces of gold in 1989, lies 19 kilometres to the east.

The TAY-LP property was originally staked in 1984 by three prospectors from Faro, to cover a possible source area of gold-bearing quartz and schist boulders. The property was acquired by Cominco who subsequently conducted geological, geophysical and geochemical surveys and diamond drilling. This work indicated that the probable source of the mineralized boulders was a series of quartz + pyrrhotite +/- chalcopyrite veins which appeared to be continuous and traversed the property in a north-south direction over an area of at least 1 by 3 kilometres.

In 1988, Pacific Comox Resources conducted a program of trenching, induced polarization surveys, magnetic and VLF electromagnetic surveys, and 947 metres of diamond drilling in 6 holes. The purpose of this report is to summarize results of this work.


TAY — LP
LOCATION MAP
SCALE
200 0 200 KILOMETRES
100 0 100 MILES
A&M exploration ltd.
TAY-LP PROPERTY
(See figure 1a for details)
YUKON TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ALBERTA
ALASKA
MACKENZIE RIVER
GREAT SLAVE LAKE
WHITEHORSE
ALEXANDER ARCHIPELAGO
QUEEN CHARLOTTE ISLANDS
QUEEN CHARLOTTE SOUND
PACIFIC OCEAN
VANCOUVER ISLAND
VANCOUVER
EDMONTON
CALGARY
PRINCE GEORGE
KAMLOOPS
SEATTLE
CANADA
U.S.A.

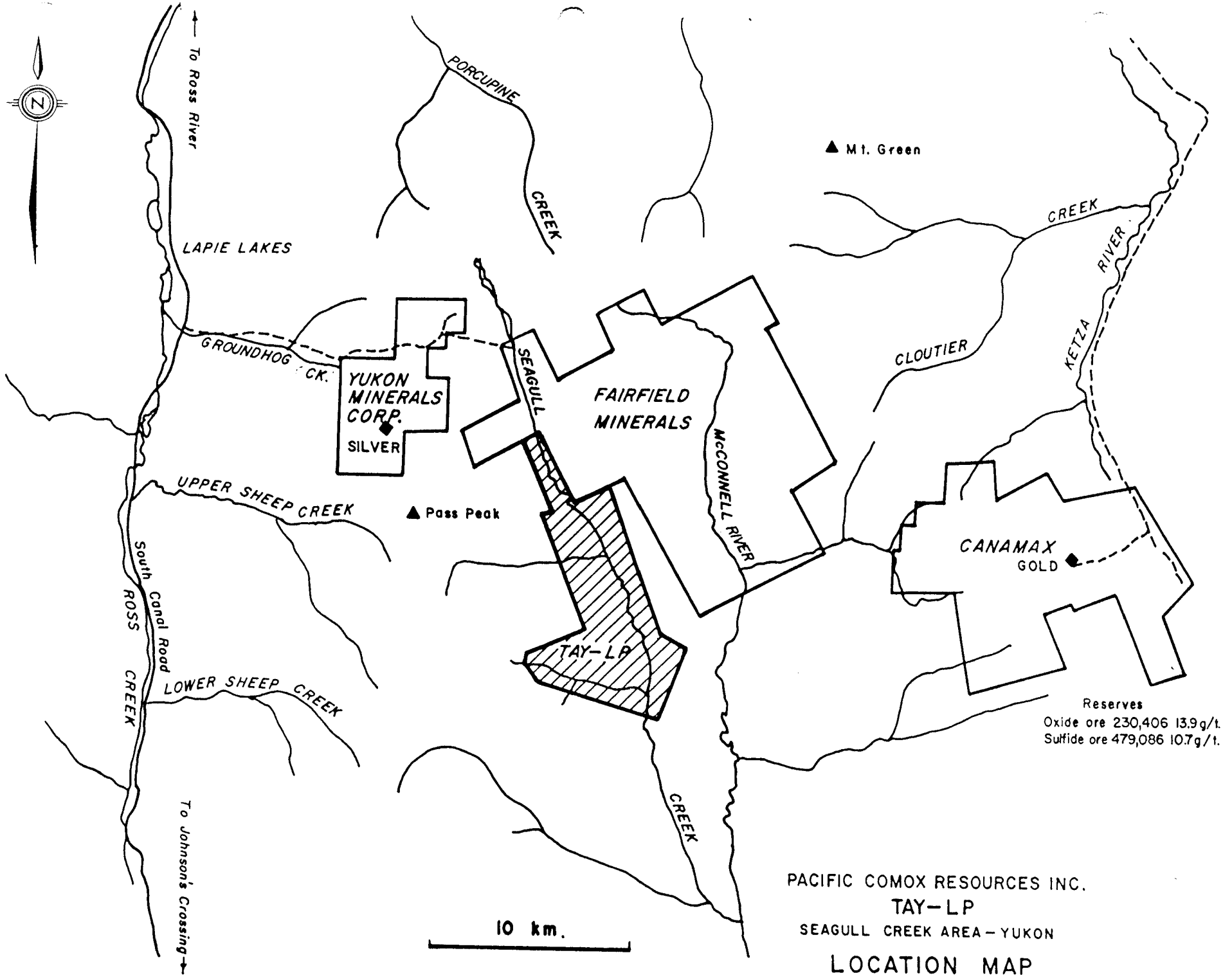

To Ross River
PORCUPINE CREEK
Mt. Green
LAPIE LAKES
CREEK
RIVER
GROUNDHOG CK.
YUKON MINERALS CORP.
SILVER
SEAGULL
FAIRFIELD MINERALS
CLOUTIER
KETZA
McCONNELL RIVER
UPPER SHEEP CREEK
Pass Peak
CANAMAX
GOLD
South Canal Road
ROSS
CREEK
TAY-LP
LOWER SHEEP CREEK
Reserves
Oxide ore 230,406 13.9 g/t.
Sulfide ore 479,086 10.7 g/t.
To Johnson's Crossing
CREEK
10 km.
PACIFIC COMOX RESOURCES INC.
TAY-LP
SEAGULL CREEK AREA - YUKON
LOCATION MAP

FIGURE 1a

LOCATION AND ACCESS

The TAY-LP claims lie along the Seagull Creek Valley, 50 kilometres south-southwest of Ross River, Yukon,and 25 kilometres east of the South Canol road (See figures 1 and 1a). Ross River may be reached from Whitehorse via Carmacks and Highway 9 on a year round basis. During summer months the South Canol road is open from Johnson's Crossing on the Alaska Highway providing a shorter access route.

From the South Canol road a 4 wheel drive road traverses via Groundhog Creek, (which has been improved to the Yukon Minerals camp) and over a pass at 5450 feet (1160 metres) elevation into the Seagull Creek basin. This route is closed by winter conditions from November to May. Total distance from the South Canol is approximately 30 kilometres.

The 4 wheel drive road extends southerly beyond the claim boundaries along the east side of Seagull Creek.

TOPOGRAPHY AND VEGETATION

The area of intensive exploration on the claim group lies parallel to Seagull Creek at the bottom of a broad valley. The valley rises from about 3600 feet (1100 m) at the south end of the property to 4000 feet (1220 m) at Seagull Lake a distance of approximately 17 kilometres.

Seagull Creek is a relatively broad (10 m), shallow stream with a gravel bed. Within the property the stream meanders as the grade of the valley flattens and has developed several oxbows and swampy areas.

Treeline is at about the 5000 foot (1525 m) level and small to stunted timber (black spruce and birch) extends down to the 3700 foot (1125 m) level. Below about 3700 feet, along the creek valley, tree growth virtually disappears and only scattered small trees exist in the valley bottom. Buck brush is widespread in the valley bottom and on the hill slopes (see photographs 1 and 2 after this page).

Bedrock is obscured, except for rare outcrops along Seagull Creek and high up on the hills, by glacio-fluvial material and river gravels. Depth of this overburden is indicated by diamond drilling to range from 2 to 14 metres, averaging approximately 8 metres.

PHOTOGRAPH 1 : SEAGULL CREEK VALLEY FACING SOUTHEAST TOWARDS TAY-LP, SHOWING ABRUPT LOWER TERMINATION OF TIMBER GROWTH

PHOTOGRAPH 2 : SEAGULL CREEK VALLEY FACING WEST AT 19+50 S 7+00E, SHOWING SPARSE VEGETATION AND DRILL SITE LP88-20

PROPERTY DESCRIPTION

The TAY-LP property is in the Watson Lake Mining District, Yukon. Staking was conducted at various dates according to the regulations of the Yukon Quartz Mining Act and the property presently consists of the following claims (See Figure 2):

Claim Name	Record Number	Record Date	Expiry Date
LP-1-LP4	YA90299-90302	September 27,1985	December 7, 1994
LP7-LP63	YA72530-72586	December 7, 1984	December 7, 1994
LP64-LP93	YA73595-73624	August 2, 1985	December 7, 1994
LP103-LP116	YA73769-73782	September 12, 1985	December 7, 1994
LP125-LP134	YA73791-73800	September 12, 1985	December 7, 1994
LP135-LP140	YA90201-90206	September 12, 1985	December 7, 1994
LP149	YA90215	September 12, 1985	December 7, 1994
LP151-LP175	YA90217-90241	September 12, 1995	December 7, 1994
TAY1-TAY21	YA71482-71502	August 1, 1984	December 7, 1994
JEFF1-JEFF51	YA99784-99834	February 19, 1987	February 19,1994

The total number of claims is 219, all of which are currently registered in the name of Pacific Comox Resources Ltd.

At the end of November 1988 assessment work was filed on selected claims to bring their respective expiry dates all up to 1994.

The original TAY 1-21 claims were staked by Peter Long, Jim Schnare and Ted Bartsch and were optioned to Cominco Ltd. under an agreement dated March 4, 1985. In contemplation of that option agreement Cominco staked the LP 7-63 claims which were deemed to be part of the property and to be subject to the agreement.

Section 12 of the option agreement provided for an area of common interest extending two kilometres from the outermost boundary of the TAY 1-21 claims. As a result the following additional claims appear to be subject to the terms of the option agreement pending a survey of the claim boundaries: LP 1-4; 7-63;64-69; 78-87; 165-175; JEFF 47-50

Pacific Comox Resources Ltd. acquired the right to earn an interest in the TAY-LP property by letter agreement with Cominco Ltd. dated February 1, 1988. Subsequent amendments to that letter agreement and to the underlying option agreement, dated May 26, 1988; January 13, 1989, January 31, 1989 and March 6, 1989, gave Pacific Comox 100% control of the TAY-LP property subject to the following : 1) a back in right on behalf of Cominco to earn a 51% interest by providing 100% of the production financing on completion of a favourable feasibility study and 2)cash payments of $16,000 per annum to the original prospector group as advance royalty payments and a 2% net smelter royalty on production, purchaseable by Pacific Comox within five years of the Production Notice, for $1,000,000.

REGIONAL GEOLOGY

The following regional geological setting is taken from GSC Report of Activities Part A. 1977. (Tempelman - Kluit, 1977 Figures 3a and 3 b):

"The shallow marine miogeoclinal sequence found in the Pelly Mountains (Tempelman-Kluit et al., 1975, 1976) occupies an area up to 70 km wide that extends southeast to the Cassiar Mountains in northern British Columbia, a distance of 600 km. This northwest-trending belt of platform carbonates and related rocks ranges in age from Cambrian through Mississippian and has been

LEGEND

MID-CRETACEOUS

Kqm	Biotite quartz mononite
Kpqm	Porphyritic quartz monzonite

MISSISSIPPIAN

Mv	Cherty to sandy tuff and volcanic breccia
Mva	Lapilli and sand-sized tuff, volcanic breccia
My	Syenite

UPPER DEVONIAN AND MISSISSIPPIAN

uDMs	Black siliceous slate, minor chert granule grit; includes undifferentiated volcaniclastic rocks

SILURIAN AND (?) LOWER DEVONIAN

SDdq	Dolomite, dolomitic sandstone
SDd	Dolomitized laminated mudstone, calcarenite
SDdl	Coarsely sucrose dolomite

ORDOVICIAN AND SILURIAN

OSsl	Fissile graptolitic slate

UPPER CAMBRIAN AND ORDOVICIAN

uЄOsl	Quartz phyllite, slaty phyllite
uЄOslv	Chlorite muscovite quartz phyllite with abundant greenstone lenses
Єb	Diabase, diorite sill

LOWER CAMBRIAN

lЄc	Calcareous argillite and siltstone, limestone
lЄCl	Massive limestone, argillaceous limestone

PROTERZOIC AND/OR LOWER CAMBRIAN

PlCqs	Undifferentiated silty slate and shaly quartzite

SYMBOLS

Fault

Geological contact

Legend for **FIGURE 3a**

PACIFIC COMOX RESOURCES LTD.

N.T.S. 105F

REGIONAL GEOLOGY

TAY LP PROPERTY

Watson Lake Mining Division - Yukon Territory

SCALE 5 0 5 KILOMETRES
5 0 5 MILES

1 : 250,000

A·M exploration ltd

FIGURE 3a

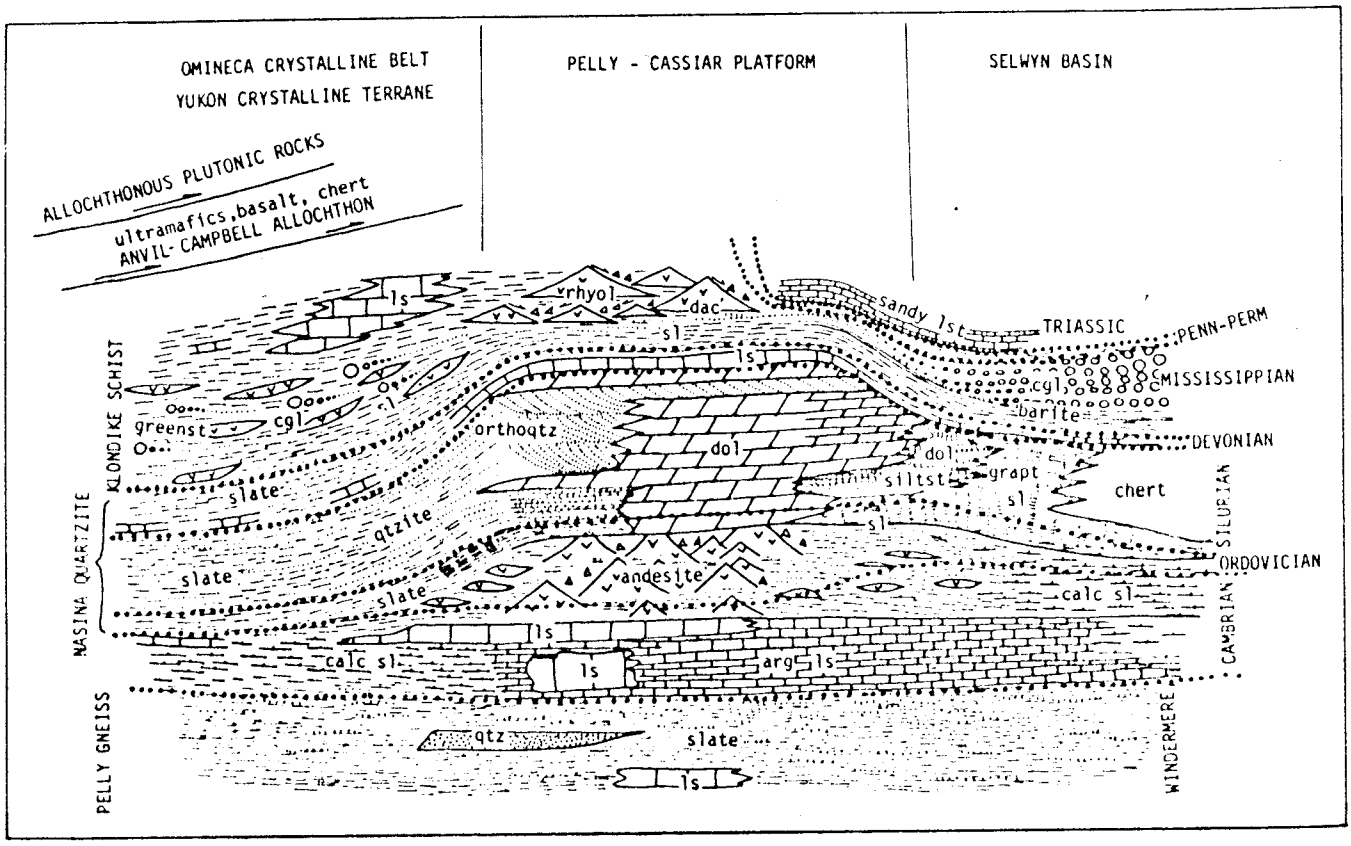


Figure 3.b Restored Section across the Pelly-Cassiar Platform through Quiet Lake map-area to illustrate the facies relations of the main stratigraphic units with those found in the flanking tectonic elements, Selwyn Basin and the Omineca Crystalline Belt-Yukon Crystalline Terrane. Time lines shown by heavy dots across the diagram are only approximately located in the Omineca Crystalline Belt part of the diagram because no diagnostic fossils have been found there.

referred to as the Pelly-Cassiar Platform (Gabrielse, 1967). Northeast of the platform carbonates are time equivalent shales that constitute Selwyn Basin. Southwest of the Platform are metamorphosed shale, quartzite and volcanic rocks, also time equivalents of the carbonates of the Pelly-Cassiar Platform. These metamorphic rocks are covered locally by late Paleozoic serpentinized peridotite, basalt and chert thought to have been thrust over them. The metamorphic rocks and the overthrust peridotite and basalt constitute the Omineca Crystalline belt and its northwestward continuation, the Yukon Crystalline Terrane. In southern Quiet Lake and Finlayson Lake map-areas the metamorphic rocks together with the overthrust ultramafic and mafic rocks are thrust northeastward over upper Triassic rocks at the southwest edge of the Pelly-Cassiar Platform. The Platform itself is internally repeated by folds and northeast directed thrust faults which involve Upper Triassic strata. The entire foreshortened assemblage is intruded extensively by mid-Cretaceous granitic rocks. Late Cretaceous right lateral movement of 450 km along the Tintina Fault has displaced the tectonic elements relative to each other."

As shown by Map 105 F from GSC Open File 486 (Figure 3b), geology within the TAY-LP property along Seagull Creek valley consists of upper Cambrian to Ordovician, recessive weathering, medium grey, chlorite, muscovite, quartz phyllite with abundant lenses of greenstone. To the northeast these rocks are separated by a wide zone of heterogeneous Mississippian lapilli and sand sized tuff, volcanic breccia and flow rocks ranging from trachyte to andesite, black slaty argillite and siliceous cherty tuff and locally, minor finely crystalline buff limestone. These Mississippian rocks are intruded by massive syenite.

On the west side of the Seagull Creek valley the upper Cambrian-Ordovician schists are in contact with Silurian thin bedded dolomitic siltstone, dolomitic sandstone and silty dolomite. They are overlain by Silurian-Devonian thick bedded dolomite to the northwest of the TAY-LP claims.

Within the claim group the Cambrian-Ordovician schists are intruded by biotite quartz monzonite of Cretaceous ages. This

monzonite also intrudes Proterozoic-Lower Cambrian silty slate and shaly quartzite which is in apparent fault contact west of the Cambrian Ordovician schists.

PROPERTY GEOLOGY

The following description of the property geology (Figure 3C) is taken directly from Paterson (1988):

"The northwesterly trending Seagull Creek Fault bisects the property (1). This fault juxtaposes Cambro-Ordovician recrystallized limestone and schist to the west against Devono-Mississippian black siltstone, phyllites and volcanics to the east. The fault has been mapped as a thrust (Tempelman-Kluit, 1977), but its actual nature is not well known. It could easily be a normal fault or a strike slip fault.

Cambro-Ordovician (or older) rocks underlie the greater part of the claim group. They consist of a flat-lying sequence of buff weathering banded crystalline limestone, locally interfoliated with greenish quartz + muscovite +/- chlorite +/- calcite +/- magnetite schists. The other main rock type is quartz + muscovite + biotite schist which appears to underlie the limestone.

The Cambro-Ordovician (?) rocks have been intruded by a plug of biotite quartz monzonite well exposed on the mountain to the west of the Tay claims. The intrusive at this locality has undergone pervasive sericitic alteration. Down in the valley of Seagull Creek garnet-diopside skarn rocks are found in close association with limestone and large blocks of quartz monzonite containing quartz + muscovite veins....

The Devono-Mississippian rocks are poorly exposed. Angular float consisting of grey siltstone, black chert, grey black phyllite or slate and dark grey limestone is found in the southern part of the property where the road crosses the Seagull Fault. In the southeastern part of the claim group the Devono-Mississippian shales have been intruded by a medium-grained hornblende syenite containing disseminated magnetite. This gives rise to the well developed magnetic anomaly to the east of the Seagull Fault zone."

MINERALIZATION

The gold mineralization on the TAY-LP was first located in boulders of quartz + pyrrhotite vein material and pyrrhotite bearing schist. Drill intersected grades to 0.315 oz/ton (10.7

g/t) gold have now been obtained in the 1988 drilling. Sampling results by Pacific Comox on massive pyrrhotite located on L19S at 3+00E has yielded gold values to 0.69 oz/ton (23.5 g/t) gold (see Figure 15).

Two main types of mineralization have been identified. As summarized by Paterson (1988),including the results of the 1988 work program, they are:

(a) Vein type mineralization

Quartz + pyrrhotite + tourmaline + chalcopyrite + pyrite veins occur as individual veins on all scales from 1 centimetre to 12 metres true width and also in stockwork zones containing blocks of silicified, tourmalinized schist with replacement pyrrhotite. Examples of stockwork zones occur in drill hole LP 87-16 (5 m of quartz + po veins in 19.4 m of altered schist). These stockwork zones appear to follow electromagnetic anomalies and commonly grade into quartz + pyrrhotite veins possessing sharp contacts with altered wall rock. Pyrrhotite is erratically distributed in veins. Locally, the mineral may constitute up to 80% of the vein with quartz clasts present within the pyrrhotite. Chalcopyrite, associated with quartz, is also present but never constitutes more than 1%. Tourmaline generally occurs along vein selvages or as replacement in adjacent schists. Pyrite is common in drill hole LP 85-5 and 88-18 as disseminations in country rock and also in LP 87-14 where it constitutes 6% of the quartz + pyrrhotite vein. A drill hole 30 metres vertically above this intersection (LP 87-13) did not contain significant pyrite in the quartz + pyrrhotite vein suggesting the possibility of a

mineralogical zonation. (ie increase in pyrite with depth). It is interesting to note that a quartz boulder with 3% pyrite assayed at 0.63 oz/ton (21.53 g/t)** gold implying that significant grades are not necessarily restricted to pyrrhotite bearing boulders.

Gold mineralization does not occur in all quartz + pyrrhotite veins. For instance, in drill hole LP 87-05, a 7 metre vein intersection gave a value of <10 parts per billion gold despite the nearby presence of outcrop samples of pyrrhotite vein material with grades of 0.83 oz/ton (28.5 g/t) gold and drilled mineralized skarn containing values from 0.6 to 2.4 g/t gold.

In drill hole LP 87-9 a 27.7 metre stockwork zone was essentially barren except for a 2 metre intersection mainly in altered schist which contained 0.12 oz /ton (4.0 g/t) gold .

In drill hole LP 88-19, pyrrhotite mineralization grading to 0.207 oz/ton (7 g/t) and to 0.255 (8.7 g/t) gold in altered schist and in the middle of a 17 metre quartz pyrrhotite vein intersection, were noted.

(b) Replacement mineralization

This type of mineralization occurs along the margins of quartz + pyrrhotite veins and is associated with pyrrhotite, tourmaline and silica replacement in schists and limestones: it appears stratabound in nature and may have considerable lateral

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** Note 1 gram per tonne (g/t) = 1 part per million (ppm) = 0.029 ounces per ton (oz/ton) = 1000 parts per billion (ppb)

continuity. The best example of replacement of schists occurs in drill hole LP 85-1 where pyrrhotite replacement constitutes 3-25% of core and gives an average of 0.03 oz/ton (1 g/t) gold over 30 metres. Best value in schist was 0.08 oz/ton (2.8 g/t) gold over 4.9 metres. This replacement zone appears to be about 30 m wide, coincides with an excellent electromagnetic anomaly and is cored by 2, 2 m wide quartz + pyrrhotite veins (one is barren 60 ppb gold and the other contains 1.9 g/t over 2 m).

An example of replacement or manto type mineralization associated with limestone occurs in drill holes LP-87-06 and LP-87-07. A quartz + pyrrhotite zone containing schist and skarn clasts occurs along the basal contact of a banded skarn zone. This zone averages 6 metres in thickness and contains gold values in the range 100 ppb to 0.07 oz/ton (2.4 g/t) gold. Hole LP-87-06 was drilled directly under an outcrop which has yielded selected pyrrhotite rich samples containing up to 0.83 oz/ton (28 g/t) gold. This style of mineralization is reminiscent of the manto style mineralization at the Ketza River deposit.

A summary of the best diamond drill hole assays and intersections is presented in Table I.

PREVIOUS EXPLORATION

The TAY 1-21 claims were staked in July 1984 over a portion of the Seagull Creek Valley within which mineralized float boulders carrying significant gold values had been located along a 4 wheel drive road.

TABLE I

TAY-LP PROJECT

SUMMARY OF BEST DIAMOND DRILL HOLE ASSAYS AND INTERSECTIONS

HOLE NUMBER	BEST ASSAY			BEST INTERSECTION		
	Gold oz/ton	g/t	width (m)	Gold oz/ton	g/t	width (m)
LP 85-1	0.116	3.22	2.0	0.081	2.8	4.9
LP 85-2	0.045	1.5	2.0			
LP 85-3	nil	-				
LP 85-4	0.084	2.8	2.0			
LP 85-5	nil					
LP 87-6	0.075	2.4	2.0	0.038	1.28	8.0
LP 87-7	0.068	2.26	2.0	0.033	1.12	6.0
LP 87-8	nil					
LP 87-9	0.121	4.04	2.0			
LP 87-10	nil					
LP 87-11	0.045	1.53	2.0			
LP 87-12	0.030	1.0	2.0	0.027	0.92	6.0
LP 87-13	0.146	-	2.0	0.111	3.7	4.0
LP 87-14	0.125	4.2	2.0	0.044	1.50	4.0
LP 87-15	0.102	3.4	2.0			
LP 87-16	0.047	1.58	2.0	0.036	1.20	6.0
LP 88-17	0.032	1.10	0.15			
LP 88-18	0.315	10.7	0.70	0.206	7.0	1.2
LP 88-19	0.255	8.67	1.0	0.172	5.85	5.0
LP 88-20	0.044	1.5	1.0			
LP 88-21	0.033	1.12	1.6			
LP 88-22	0.030	1.02	2.2			

The LP 7-63 claims were staked by Cominco in November 1984 in anticipation of an option agreement to be concluded with the stakers, Mssrs. Long, Schnare and Bartsch. This agreement was signed as of March 4, 1985 and an additional 115 claims were staked during the summer of 1985.

As reviewed by I.A. Paterson and M.J. Gray, Cominco Ltd, December 1985, the following stages of work were carried out:

In June 1985 Cominco contracted Aerodat Ltd. who completed 161 km. of airborne magnetometer and electromagnetic surveying.

During July 1985 a program of boulder and soil sampling was carried out along the road and reconnaissance geological mapping was commenced.

Between August 21 and September 9, 1985 40.8 line km of line cutting, 31.75 line km of horizontal loop electromagnetic surveys, 31.25 line km of magnetometer survey and 18 line km of soil sampling were completed. Geological mapping was continued.

Diamond drilling for a total of 532.8 metres in five holes was completed between September 22 and October 10, 1985. Tractor trenching was done on line 10+00S; 8+65E. No field work was completed during the 1986 field season.

During 1987 Cominco entered into an option agreement with Cinnabar Resources Ltd. who financed 961 metres of NQ diamond drilling in 11 holes. This option expired in January, 1988.

Geophysics

Airborne Survey

Survey results are contained in a report by Klein, 1985, for Cominco Ltd. A Geometrics G-803 magnetometer with a 1 gamma sensitivity was used to record the total magnetic field. The aeromagnetic data was corrected for diurnal variations and corrected data was interpolated onto a regular grid at a 25 metre sample interval. Data was contoured at 5 gamma intervals.

The HEM data was acquired utilizing the Aerodat 3 frequency HEM system with two coaxial coil pairs operated at 932 and 4600 Hz and a coplanar coil pair operated at 4186 Hz. Data was recorded at a sample rate of 10/second with a time constant of 0.1 second. A two stage digital filtering system was used to reject noise and interference.

The VLF total field data was also recorded utilizing Cutler, Maine as the transmitter location. An apparent resistivity map was calculated.

The HEM survey was effective in outlining the major northerly trending conductors located in the Seagull Creek Valley area, as well as three conductors immediately west of the present ground surveyed grid (see Figure 4).

A "broad domal" magnetic high located 600 metres west of the confluence of Tolbert and Seagull Creeks, was interpreted by Klein, 1985, to represent a Cretaceous quartz monzonite intrusion. The survey also outlined a strong magnetic high anomaly in the area east of Seagull Creek, which is believed to represent a syenitic intrusion.

Ground Magnetometer Survey

The ground magnetometer survey was conducted using a GEM Proton Precession Magnetometer / OMNI II Base station combination. Data was collected at 25 metre intervals on lines 200 and 100 metres apart. Certain areas were detailed at 12.5 metre intervals.

The total magnetic field data collected by Cominco and Pacific Comox has been compiled and presented in contoured form on Figure 6.

Ground Horizontal Loop EM Survey

The grid area was surveyed using an Apex Parametrics MaxMin II horizontal loop electromagnetic system (HEM). The survey by P. Walcott & Associates covered 30 line kilometres on lines with 100 and 200 metres spacing. Most of the data was collected with a 100 metre coil separation using frequencies 222, 444 and 1777 Hz. Four detail lines using 50 metre coil spacing were also completed.

Data is presented in contour form on Figure 7, after digitization of the Cominco data by Pacific Comox in 1988.

Geochemistry

Boulder Geochemistry

The following information from Cominco's "1985 Year End Report, Geological, Geochemical and Diamond Drilling Report on the Tay-LP Claims" dated December 1985 describes results of the boulder geochemical sampling and of the soil sampling conducted

on the property. Geochemical results from the 1988 data are presented later in this report.

A total of 202 boulders were analyzed for gold. These boulders were collected from the 4 wheel drive road, (130 boulders) from the stream bed of Seagull Creek within the grid area (43 boulders) and from the stream bed of Tolbert Creek (29 boulders). Of the total 15% returned gold values greater than 3 grams per tonne (g/t).

The average gold content of the 130 boulders along the road was 0.05 oz/ton (1.76 g/t) gold with check assay values ranging up to 0.63 oz/ton (21.5 g/t) gold. The average gold content of the 43 boulders from Seagull Creek within the grid area was 0.05 oz/ton (1.74 g/t) with a high of 0.79 oz/ton (27 g/t). The 29 boulders from Tolbert Creek ranged up to 0.21 oz/ton (7.16 g/t) gold. Average value for boulders collected in Tolbert Creek is 418 ppb gold.

Mineralogy of the boulders was summarized into 4 types:

1. Quartz + pyrrhotite +/- chalcopyrite +/- tourmaline
2. Biotite + muscovite + quartz + Pyrrhotite schist
3. Quartz + arsenopyrite + pyrite +/- sphalerite +/- chalcopyrite +/- galena
4. Quartz + pyrite.

Boulders of types 1 and 2 are relatively numerous, types 3 and 4 are relatively rare.

The quartz + pyrrhotite + chalcopyrite boulders returned the highest assays with 35% of these boulders containing greater than 0.09 oz/ton (3 g/t) gold .

Multi-element geochemical analysis was completed on 8 boulders and one outcrop for gold, copper, lead, zinc, antimony, bismuth, arsenic and tungsten. ICP analysis for 32 elements was also done on an additional 10 boulders, mainly of the quartz pyrrhotite type. From these results it was concluded:

(1) that well mineralized boulders (>0.18 oz/ton (>6 gm/t Au)) contain 500-1500 ppm Bi and 300-1300 ppm Cu;

(2) content of other elements is low with no evident correlation with gold; and

(3) samples containing arsenopyrite, galena and sphalerite are deficient in gold.

Soil Geochemistry

Initial sampling was conducted along the road at approximately 50 metre intervals for a distance of 3.5 km. A total of 56 soil and 14 silt samples were collected. Soil samples consisted mainly of glacio-fluvial sandy gravels, although the "C" horizon was collected where possible.

Weak to moderate anomalous values were obtained for gold and copper along three sections of the road. Bismuth values were spotty at greater than 5 ppm and arsenic showed spotty anomalous values up to 288 ppm.

More systematic soil sampling was carried out on the grid lines at 200 metre intervals with 50 metre sample spacing. Samples were collected mainly from the "B" horizon with "C" horizon being sampled where possible. The results for gold and bismuth are uniformly low . High copper and arsenic values show a good correlation and outline significant anomalies. Paterson

(1985) interpreted the copper and arsenic anomalies as a result of glacial and hydromorphic dispersion , and they are not believed to represent local bedrock sources.

Diamond Drilling

Five NQ diamond drill holes were completed by Cominco in 1985 for a total of 532.8 metres. Holes ranged from 81.4 to 136.5 metres in length and were inclined at -50 degrees for holes 85-1 and 2 and -45 degrees for the other three holes. Drilling was conducted along three vertical sections as follows: on section 11+00S, holes LP85-1 and 2 were drilled to test a conductive zone at about 4+00E; on section 10+00S holes LP 85-3 and 4 tested a conductor at 7+00E and on section 19+00S hole LP 85-5 tested a conductor at 2+75E.

The following drill hole summaries are taken from Cominco's year end report for 1985.

DDH LP-85-01

a) Lithology

0-17.37 m	overburden
17.37-80.00	quartz + muscovite + biotite +/- chlorite +/- calcite +/- pyrrhotite schist with sporadic quartz + tourmaline and quartz + pyrrhotite +/- chalcopyrite veins.
80.00-120.09	schist as above but with 5 to 25% pyrrhotite replacement along foliation.
91.14-92.32	quartz + pyrrhotite +/- chalcopyrite veins
102.42-103.5	quartz + pyrrhotite +/- chalcopyrite veins

b) Assays

Intersection	Length	Au
80 -114 m	34 m	0.98 g/t
this includes:		
80 - 84.90 m	4.9 m	2.8 g/t (schist + po)
91.14- 92.32	0.9 m	1.4 g/t (qtz + po vein)
112 -114 m	2.0 m	3.22 g/t (schist + po)

The quartz + pyrrhotite vein from 102.42 -103.5 m contained only 60 ppb Au.

c) Significant Features

(i) EM anomaly is adequately explained by a combination of vertical quartz + pyrrhotite veins (1 m wide) and a 20 m (true width) zone of pyrrhotite replacement in schist adjacent to quartz veins.

(ii) The grade of the Au mineralization in the pyrrhotite schist is similar to that in the mineralized boulders.

(iii) Of the two quartz+ pyrrhotite veins intersected, one is barren and the other grades only 1.4 g/t/0.9 m. This figure is substantially below that recorded in the better mineralized quartz + pyrrhotite boulders. Presumably, better grades are present elsewhere in the quartz + pyrrhotite vein system.

DDH LP-85-02

a) Lithology

0 - 37.7 m	schist with minor qtz + po veins
37.7 - 49.07	fault zone
49.07 - 61.60	schist, locally brecciated
61.60 - 62.50	calcareous diabase dyke
62.50 - 93.67	schist with minor qtz + po veins
93.67 - 94.20	muscovite + quartz + feldspar + garnet + tourmaline granitic sill or dyke
94.2 -126.74	schist with local 5% pyrrhotite replacement
126.74 -130.38	quartz + po vein breccia
130.38 -136.55	schist

b) Assays

Intersection	Length	Au
56 - 58	2.00 m	1.5 g/t (breccia)
111.65 -112.77	1.12 m	1.5 g/t (qtz+po)

c) Significant Features:

(i) Note presence of tourmaline + garnet bearing granitic sill with pyrrhotite zone along contact.

(ii) Fault zone appears to be post mineral as pyrrhotite bearing clasts are present in the gouge.

(iii) Pyrrhotite + quartz vein has low grade.

(iv) Much less pyrrhotite replacement than in LP-85-01.

DDH LP-85-03

A) Lithology

7.60 - 27.7 m	quartz + biotite + muscovite + chlorite + calcite schist.
27.70 - 33.8	brecciated schist with 50% quartz + pyrrhotite + tourmaline veins
33.80 - 89.9	schist, sporadic quartz + po veins.

b) Assays

No significant assays. Highest value was 280 ppb in a 2 m section containing 5% replacement pyrrhotite in quartz + mica schist at contact with calcareous schist.

c) Significant Features:

(i) Section of brecciated schist with 50% quartz + pyrrhotite + tourmaline stockwork is barren.

(ii) No obvious conductors other than relatively sparse quartz + pyrrhotite veins.

DDH LP-85-04

a) Lithology

15.2 - 56.0 m	schist with 2-5 quartz + pyrrhotite veins/ metre of core. Minor replacement mineralization.
56.0 - 62.0	quartz + pyrrhotite + schist vein breccia (40% schist); massive pyrrhotite between breccia fragments.
62.0 - 81.4	schist; minor veining

b) Assays

Between 60 and 62 m quartz + pyrrhotite + schist breccia contained 2.8 g/t Au.

c) Significant Features

(i) 6 m intersection of breccia may be responsible for EM conductor.

(ii) Weak Au mineralization in quartz + pyrrhotite + schist breccia (2.8 g/t Au).

DDH LP-85-05

a) Lithology

3.3	- 21.9	brown schist with irregular zones of pale green to white siliceous rock.
21.9	- 23.6	quartz + muscovite + feldspar granitic sill with disseminated tourmaline.
23.6	- 37.2	same as 3.3 - 21.9
37.2	- 45.0	Vein breccia: 50% quartz, 35% tourmaline, 15% pyrrhotite
45.0	- 104.8	hornfelsed schist and garnet skarn; pyrite stringers and disseminations and tourmaline are common.

b) Assays

No significant values. Rock geochemical values for both Au and Bi were <10 or <5 ppb.

c) Significant Features:

(i) Good correlation between EM conductor, magnetic low and the 7.8 m intersection of quartz + pyrrhotite + tourmaline vein breccia.

(ii) Rock geochemical values for gold were very low throughout the hole despite the presence of 7.8m of favourable vein breccia and proximity of mineralized outcrop.

(iii) The presence of hornfels texture, garnet skarn and tourmaline bearing granitic sill strongly suggests the proximity of an intrusive.

During 1987 eleven additional holes were drilled to test electromagnetic and magnetic anomalies. These holes, except for hole 87-10, cut sulfide mineralization which accounted for the geophysical anomalies. Summaries of these drill holes follow:

DDH LP 87-06

Lithology

0 - 3.1 m	Overburden
3.1 - 12.3	banded limey skarn with increasing pyrrhotite
12.3 - 17.8	quartz + pyrrhotite +/- chalcopyrite vein stockwork with schist inclusions between 14.6 and 15.8 m
17.8 - 25.3	quartz + biotite schist
25.3 - 27.3	quartz + muscovite granitic sill with traces of tourmaline and pyrite
27.3 - 30.75	quartz + biotite schist

Assays

9.7 - 11.7 m	0.960 g/t	)
11.7 - 13.7	2.40 g/t	) 1.28 g/t over 8 m
13.7 - 15.7	1.23 g/t	)
15.7 - 17.7	0.55 g/t	)

Comments:

1. Weak gold values occur along an 8 m wide contact zone between an upper banded skarn and a lower biotite schist.

2. Note presence of tourmaline in granitic sill.

DDH LP 87-07

Lithology

0 - 2.5	overburden
2.5 - 16.3	banded skarn
16.3 - 18.6	quartz + pyrrhotite + tourmaline vein
18.6 - 20.2	quartz + biotite schist with pyrrhotite
20.2 - 26.8	quartz + pyrrhotite + tourmaline vein
26.8 - 28.3	muscovite + tourmaline granitic sill

Assays

16.3 - 18.3 m	2.26 g/t	)
18.3 - 20.3	0.55	) 1.12 g/t over 6 m
20.3 - 22.3	0.55	)

Comments

1. Similar to LP-87-06. Provides down dip extension of mineralized contact zone in LP 87-06.

DDH LP 87-08

Lithology

0 - 5.7 m	overburden
5.7 - 38.2	quartz + biotite schist with calcareous schist intercalations
38.2 - 45.4	quartz + biotite schist with pyrrhotite and tourmaline; locally contorted; quartz + pyrrhotite veins; good conductor
45.4 - 57.9	calcareous quartz + biotite schist
57.9 - 83.0	biotite + quartz + chlorite schist
83.0 - 91.8	tourmaline + quartz + pyrrhotite altered schist, moderately conductive
91.8 - 99.6	quartz + biotite + calcite schist

Assays

No significant assays. Highest value was 138 ppb. Au between 17.8 and 19.8m

Comments:

1. Conductor explained (38-45 m ; 83-93 m).

2. Gold bearing boulders close to this hole presumably are not from this area. The boulders must have come from another vein system.

DDH LP 87-09

Lithology

0 - 13.3 m	overburden
13.3 - 16.6	calcareous biotite schist
16.6 - 17.5	quartz + pyrrhotite vein, good conductor
17.5 - 36.6	calcareous biotite schist; locally contorted
36.6 - 37.4	carbonate breccia; moderate conductor
37.4 - 45.1	biotite schist
45.1 - 72.7	quartz + pyrrhotite veins stockwork in silicified, tourmalinized schist; good conductor; 7.5 m of veins with 3-20% pyrrhotite
72.7 - 97.7	biotite schist; locally calcareous or contorted

Assays

16.5 - 18.5 m	2 m of 3.36 g/t Au (quartz + po vein)
51.5 - 53.5	2 m of 4.04 g/t Au (altered schist)

Comments:

1. Most of the vein stockwork system between 51.5 and 53.5 was barren (ie <10 ppb Au).

2. Good conductors were intersected.

DDH 87-10

Lithology

0 - 9.5 m	overburden
9.5 - 13.0	calcareous biotite schist
13.0 - 25.0	quartz + pyrrhotite + tourmaline vein stockwork in a silicified biotite + tourmaline schist
25 - 43.9	calcareous biotite schist
43.9 - 44.7	quartz + pyrrhotite + tourmaline vein
44.7 - 67.1	silicified biotite schist. Locally tourmalinized
67.1 - 68.0	quartz + tourmaline vein
68.0 - 78.9	calcareous biotite schist with silicified tourmalinized contorted zone

Assays

No significant assays. Note Au rock geochemical anomaly between 13 and 19 m (average 480 ppb Au).

Comments

1. Vertical hole was drilled to test possibility of manto type mineralization at basal contact of limey unit. Significant mineralization was not intersected. Alteration zones carry low gold values (best 480 ppb Au).

DDH 87-11

Lithology

0 - 11.1 m	overburden
11.1 - 29.8	chlorite + biotite schist with minor calcite
29.8 - 36.0	biotite + tourmaline schist
36.0 - 39.5	chlorite + biotite schist
39.5 - 44.9	banded limestone
44.9 - 46.6	limestone with quartz + pyrrhotite veins
46.6 - 63	biotite schist

Assays

No significant Au values reported. Best mineralization was at lower limestone contact (2 m of 1.5 g/t Au).

DDH 87-12

Lithology

0 - 8.8 m	overburden
8.8 - 10.8	limestone
10.8 - 34.1	calcareous schist
34.1 - 41.9	chlorite biotite schist
41.9 - 47.4	biotite schist
47.4 - 56.5	limestone
56.5 - 65	biotite schist - patches of silicification tourmalinization
65 - 74.9	silicified biotite schist with quartz + pyrrhotite veins
74.9 -103.7	biotite schist with calcareous sections
103.7 112.7	schist with quartz + tourmaline + pyrrhotite veins

Assays

No significant values reported. Stockwork zone between 104 and 112 m gives values of 40-1000 ppb Au.

DDH 87-13

0	- 7.6 m	overburden
7.6	- 8.8	biotite schist
8.8	- 21.4	limestone
21.4	- 25.4	calcareous schist with quartz + pyrrhotite veins (25%)
25.4	- 44.5	biotite schist - silicified and tourmalinized
44.5	- 59.1	quartz + pyrrhotite + tourmaline vein with schist inclusions (15%)
59.1	- 83.5	biotite schist; some veins

Assays

46.5 - 50.6 m	4 m of 3.7 g/t Au
56.0 - 58.0	2 m of 3.3 g/t Au
67.1 - 68.1	2 m of 1.6 g/t Au

Comments:

Note excellent conductor between 44.5 and 59.1 m.

DDH 87-14

Lithology

0 - 7.1 m	overburden
7.1 - 11.1	limestone
11.1 - 11.3	fault gouge
11.3 - 18.1	calcareous schist
18.1 - 35.1	limestone
35.1 - 36.3	silicified schist with quartz + tourmaline veins
36.3 - 79	biotite schist with veins
79.0 - 86.3	tourmalinized schist with quartz + pyrrhotite veins
86.3 - 99.4	quartz + pyrrhotite + pyrite + tourmaline vein
99.4 - 111.9	biotite schist

Assays

35.3 - 36.3 m	1 m of 1.5 g/t Au
95.0 - 99	4 m of 1.5 g/t Au
87.0 - 89.0	2 m of 4.2 g/t Au

Comments:

1. Excellent conductor from 86.3 - 99.4 m.

2. Increase in pyrite content of vein.

3. Drop off in best Au values with respect to LP-87-13.

4. Vein dips at 75 degrees to the east.

DDH 87-15

Lithology

0 - 12 m	overburden
12 - 35.3	calcareous biotite schist
35.3 - 43.6	limestone
43.6 - 54.1	calcareous biotite schist
54.1 - 90.5	6 m of quartz + pyrrhotite veins in 29 m of contorted silicified schist

Assays

54-56.0	2 m of 3.4 g/t Au
60-62.0	2 m of 1.4 g/t Au
66-68.0	2 m of 2.2 g/t Au

DDH LP 87-16

Lithology

0 - 13.8m	overburden
13.8 - 23.6	limestone
23.6 - 80.1	biotite schist with minor veining
80.1 - 95.1	calcareous biotite schist
95.1 - 99.4	biotite schist with silicification and tourmalinization
99.4 -118.8	quartz + pyrrhotite + tourmaline +/- chalcopyrite vein stockwork (6 m) in silicified biotite schist
118.8 -157.7	calcareous biotite schist

Assays

107.4 - 109.4 m	2 m of 1.37 g/t
111.4 - 113.4	2 m of 1.58 g/t

Comments:

1. Good conductor intersected between 108 and 118 m.

2. No significant assays. Abundant anomalous rock geochemical values

Trenching and Surficial Geology

Trench # 1 was excavated by Cominco in 1985. It is located at 10 +00S, 8 + 65 E ,is 40 metres long with an average depth of 2 metres.

In the higher eastern end of the trench a thin layer of White River Ash lies just below surface within a 0.3 to 1.3 metre layer of colluvium containing subrounded polymictic clasts.

At, and near, the bottom of the colluvium are narrow thin layers of clay in the lower mid portion of the trench.

Below the clay layers where present, or below the colluvium are minor, thin glacio-fluvial deposits consisting of poor to moderately sorted sandy gravel with boulders. Angular limestone boulders occur near bedrock.

Limestone bedrock is exposed at depths of 0.8 metres for 24 metres along the lower portion of the trench.

The 1988 trench results are discussed later in the report.

1988 EXPLORATION PROGRAM

The purpose of the 1988 program was:

1) To continue drill testing of coincident magnetic-electromagnetic structures on wide stepouts from the previous drill sites ; 2) to ascertain by tractor-trenching the origin of the high grade float boulders located to date; 3) to obtain soil profile information to assist in the interpretation of the boulder distribution and the arsenic soil geochemical data; 4) to test the response of the quartz-pyrrhotite vein systems to the induced polarization method and 5) to obtain initial ground geophysical data on anomalies defined by the airborne surveys in the vicinity of claims LP 45-50.

Toward this objective the following work was completed during 1988:

Diamond Drilling	- 6 holes totaling 947 metres
Tractor trenching	- 2 trenches totaling 3250 cubic metres
Induced Polarization	- 9.5 line kilometres
Magnetometer , 2 frequency VLF EM	- 19 line kilometres
Assaying - Drill core	136 samples for 33 elements including gold
Rock & Boulders	- 25 samples for 33 elements including gold - 202 Cominco pulps from boulders were rerun for 32 elements
Soils	- 25 samples for 33 elements including gold

Petrographic studies on 15 samples

Frequency Distribution analysis on boulder and drill core geochemical data.

The drill program was conducted during the period September 17 to October 21, 1988. D.R. MacQuarrie supervised the project to October 5, and Ron Robertson, of Robertson, Wallis & Associates, through to Oct. 21, 1988.

In late November Pacific Comox obtained additional funding and re-mobilized a drill crew to the property. The South Canol road was cleared of snow utilizing McCrory Holding's grader from the Yukon Minerals Camp to Ross River and the road opened by D7 cat to Seagull Creek. However due to equipment repairs, heavy snowfall and unseasonably warm temperatures to 0^{o} a number of snow slides were triggered which effectively closed the route through the pass. The crews were demobilized on December 7, and all drill equipment was stored at the Yukon Minerals camp.

Total expenditures for the 1988 program was $256,000. Cumulative expenditures on the property to date total $637,000.

Geophysical Surveys

In order to further test the geophysical responses of the quartz pyrrhotite vein structures, a program consisting of test lines of induced polarization, apparent resistivity, total field magnetics and VLF electromagnetics was completed. Some of the work provided detail data in areas already surveyed by Cominco to further define drill targets, and other data was collected in areas which were previously unsurveyed. All of the former Cominco survey grid data has been digitized and integrated with new 1988 data where available and replotted by R.F.SHELDRAKE & ASSOCIATES LTD. Profile data from the Scintrex IGS system was

recorded onto disk in the field and plotted using Scintrex software, by A & M Exploration Ltd.

All geophysical data acquisition and compilation were carried out by D.R.MacQuarrie and Evan Sykes, Geophysicists, and field crew, Frank Renaudat and Mark Kopinec. For a summary of the geophysical surveys see Figure 4.

Induced Polarization Survey:

A total of 9.5 line kilometres of frequency domain I.P. was completed on Lines 2N to 6S, 19S, 21S and 26 to 34S essentially between BL 0 to BL 10 E. A Sabre (Noranda type) frequency domain 450 watt portable system was utilized for all observations. Frequencies of 0.3 and 10 hz, the dipole-dipole array, and an "a" spacing of 50 metres were used throughout. As drill indicated overburden thickness over the grid area was generally less than 8 metres an "n" spacing of 1 was used. Several soundings utilizing an "n" spacing of 2 were also completed. The data is presented as contoured 1:5000 scale plan maps of percent frequency effect (Figure 8) and apparent resistivity (Figure 9), and in profile form on a line by line basis in Appendix V .

Percent frequency effects (PFE) vary from a high of 40% coincident with quartz pyrrhotite - pyrite mineralization in schist in the vicinity of drill hole LP 88-18 to levels of 6 to 15% over areas of known quartz-pyrrhotite vein and schist mineralization and to a background of 2 to 6% over large areas of the surveyed grid-believed underlain by unmineralized chlorite schist and or marble.

The sharp negative PFE lows are associated with strong electromagnetic conductors and probably caused by massive pyrrhotite or pyrite mineralization. The southeast corner of the grid paralleling BL 10 +00E is characterized by high PFE's > 15% which trend sub parallel to a magnetic gradient believed to represent the axis of the Seagull Creek fault. These PFE highs occur east of the fault and therefore most likely represent various volcanics or argillaceous sediments of Mississippian age.

The PFE high located on L34S at BL 10E (36%) is however located at the intersection of the projected trend of the Seagull fault and an interpreted south easterly trending fault (see Figure 4). The zone has negligible magnetic response, indicating either pyrite or graphite as the potential chargeability source, probably hosted by schist.

The PFE high located from 5 + 75 to 7 +00E on L30S has been tested by DDH LP 88-18 (best assay 0.32 oz/ton Au over 0.7 m at a depth of 74 m.) The up dip projection of this intersection to surface using a dip of -70^{o}E and a strike of 345 ^{o} suggests the zone would outcrop near station 6+00E which is within 25 m of the peak of the PFE anomaly. The drill log also notes sulfides (primarily pyrrhotite) of up to 5% in schist and locally to 10-15% quartz vein material over the interval from 71.9 to 79 m., sufficient to account for the observed IP response (40% FE), magnetic response (340 gammas above background) and Fraser filter VLF EM response (25 degrees).

The zone of PFE highs (> 20% FE) extending from 7 + 75E on L 30S to 7 + 75E on L26S appear related to sulfide mineralization in schist, subparalleling the zone of quartz pyrrhotite mineralization defined between hole LP88-18 and LP87-8. Magnetic as well as electromagnetic correlation is minimal suggesting pyrite vs. pyrrhotite and disseminated rather than massive sulfide type mineralization.

The PFE high located on L21S from 6+25 to 6+75E and on L19S at 6+25 to 7+75E are co-incident with and bounded by VLF-EM and or MaxMin EM anomalies and magnetic high responses, typical of the quartz pyrrhotite replacement veins.

The moderate PFE high (greater than 10% to 19%FE) on L6S 3+80 to 5+00E correlates with the up dip projection of the qtz-pyrrhotite mineralization in altered schist noted in LP 87-12 . Similarly the 11% FE noted on L4S at 4+00E correlates with the mineralization noted in LP 87-13 and 14. The apparent resistivity data, Figure 9 , is presented for n=1 and a=50m. In areas underlain by unmineralized, unaltered schist resistivities generally vary from 200 to 700 ohm metres, in altered schist and in the vicinity of quartz pyrrhotite veins from less than 15 to 200 ohm metres; in areas underlain by mixed interbedded schist and marble 700-2000 ohm metres; and in areas predominantly underlain by limestone- marble from 2000 to greater than 9000 ohm metres. The marked resistivity lows are generally co-incident with the MaxMin EM conductive zones. This suggests widths of from 10 m to 50 m for the conductive zones as noted in the drilling to date.

Magnetometer - VLF Electromagnetic Survey

A total of 19 line kilometres of combined magnetometer - VLF electromagnetic survey was completed. A Scintrex IGS-2/MP4/VLF4 instrument and MP3 base station recorder were utilized for all observations. Station spacing was generally 25 m on lines at 200 and 100 metre intervals, with detail observations at 12.5 m on lines at 50 m intervals.

All previous magnetic data obtained by Cominco Ltd. has been digitized and incorporated with the 1988 survey data, and is presented on Figure 6. Profiles of the 1988 data are included in Appendix V.

Total field magnetic values vary from greater than 62,700 gammas to less than 57,500 gammas, a range of more than 5,000 gammas.

In general the map is characterized by long linear, northerly trending magnetic highs (greater than 50 gammas above background) which have been drill proven to represent quartz - pyrrhotite vein or stockwork type mineralization. The linear zones are offset and broken up by several north westerly trending structures, believed to represent shear zones. Several of these shear zones are shown on Figures 3c. Generally in the vicinity of the intersection of the linear magnetic anomalies with the cross cutting interpreted shear zones, the magnetic character of the map becomes higher frequency with large rapid amplitude changes. These high frequency anomalies are undoubtedly related to near surface pyrrhotite mineralization, some of which exhibit reverse magnetization, probably as a result of recrystallization

and alteration. As gold mineralization is late stage and related to alteration of pyrrhotite (Payne, 1988) these structures may be very important to the localization of gold bearing fluids.

In the south east corner of the grid, from Lines 11S to 32S, there is a magnetic high feature varying from 58,300 gammas to greater than 58,800 gammas, which Paterson and Gray, and Klein (1985) have interpreted as a syenitic intrusion containing disseminated magnetite. The amplitude and broad smooth character of the anomaly suggests a deep seated source.

On the North Grid (see Figure 4 for its location), six lines of magnetic surveying were completed in order to further define the 1985 Aerodat airborne anomalies. As the airborne survey suggested a more generally east-west orientation to these anomalies, a survey grid was established at right angles to the main grid area. The contoured total magnetic field data is presented as Figure 11, and profiles in Appendix V.

The data exhibits only 250 gammas of amplitude, varying from less than 58,120 gammas to greater than 58,380 gammas. Elsewhere on the property these low amplitudes suggest areas primarily underlain by marble rather than schist. A magnetic high which is probably related to vein type pyrrhotite mineralization is noted on line 1E at 10+75N, however this anomaly is close to the property boundary. At line 9W station 13+75N, a single station high is probably related to a float boulder, as it has no co-incident VLF electromagnetic response.

The contoured Fraser Filtered VLF data for transmitter located at Seattle, Washington, frequency 24.8 kHz, is presented as Figure 10. For data on the North Grid, using the transmitter

at Lualualei, Hawaii, 23.4 kHz, see Figure 12. Profile data of horizontal field strength, the calculated in phase percent and quadrature percent and Fraser filter for Seattle and where available, Hawaii , are presented in Appendix V.

With this system, conductors are interpreted to occur co-incident with contourable positive Fraser Filter anomalies, associated with horizontal field strength highs and on the high gradient cross-over of the in-phase percent reading.

Where data is available there is a direct correlation between the previously outlined MaxMin electromagnetic conductors (Figure 7) and the interpreted VLF conductors. This data suggests that the conductors are near surface as shown by the drilling to date. In addition several of the MaxMin conductors have been extended by the VLF and several other weaker conductors located (see Figure 4). In general the newly located conductive zones occur between and sub parallel to the stronger MaxMin conductors, inferring a similar source ie. steeply dipping sulfide vein systems. The VLF conductors located at L2S 2+55E, L18S 4+35E, L24S 5+00E, L28S 3+80 and 7+80E, L30S 2+20E and L32S 0+50 and 4+40E exhibit no magnetic correlation and are therefore interpreted as pyrite rich rather than pyrrhotite rich vein systems.

Geochemistry

A total of 202 boulder pulps which had been previously analyzed for gold by Cominco Ltd. were re-analyzed for 32 elements by inductively coupled plasma spectrometry (ICP). An

additional 6 rock and 19 boulder samples, 25 soil samples and 136 split drill core samples were analyzed by atomic absorption spectrometry for gold plus 32 elements by ICP. All analyses were completed by Rossbacher Laboratory Ltd., Burnaby, B.C. Any drill core samples which returned greater than 500 ppb Au were resubmitted for fire assay prep and gold geochem finish. A total of 26 samples were reanalyzed. In general, the assay results were 10% higher than the corresponding geochemical results, and for the samples grading greater than 0.15 oz/ton Au, an average increase of 15% on assay was noted. A similar relationship was noted by Cominco on previous assay work. Analytical certificates are presented in Appendix IV.

In order to further interpret the previous geochemical results, in particular the arsenic geochemistry, soil samples were collected in three profiles from the walls of Trench 88-1, see Figures 13 and 14 (after Robertson, 1988).

In general the geochemical results are uniformly low and consistent between the three profiles. Zinc, manganese, arsenic and barium levels appear to be elevated in the soils with respect to their average levels in drill core, and appear related to the random distribution of mineralized boulders in the fluvial and glacial-fluvial sediments. The broad arsenic geochemical anomaly outlined by Cominco in the vicinity of lines 26S through 34S, from 2+00 to 5+00E probably indicates the presence of a higher concentration of transported mineralized boulders in the overburden in that area, and not necessarily a local bedrock source.

Diamond Drilling

Six diamond drill holes were completed for a total of 947 metres (3107 feet of BQ size core). Drilling conditions were generally good with core recovery near 100%. Overburden depths varied from 4 to 13 metres (vertical). Hole lengths varied from 99 to 219 metres. An average shift, including moves and setups, produced 40 metres (130 feet) of core. All drilling was performed by Arctic Diamond Drilling Ltd., of Whitehorse, utilizing a Longyear 38 drill rig on two 12 hour shifts per day. Drill hole locations, azimuths and lengths are shown in Table II, after this page.

Mineralized sections of the core were split, and samples trucked to Vancouver for assay. All core was stored at the base camp on the property, with the exception of core from LP88-19 which is stored at Rossbacher Laboratory, Burnaby, B.C., and LP88-20 boxes 19,20,22 and 25, LP88-21 box 14, and LP88-22 boxes 1,2,3,5,6,11,14 and 15, which are stored at the Yukon Minerals camp. Core logging was initially performed by D.R. MacQuarrie and later by Ron Robertson. Final drill sections were plotted by C. Sayer, Geologist, of J.C. Stephen Explorations Ltd. and are presented as Figures 5a through f. Detailed drill hole logs are attached as Appendix III. A summary of major units and significant assays follows.

TABLE II

Summary of Drill Hole Data

Hole #	Grid Location N	E	True Bearing	Dip (degrees)	Length (m)
LP85-1	11+00S	4+65E	243	-50	120
LP85-2	11+00S	3+07E	063	-50 to -53	136.6
LP85-3	10+00S	6+40E	063	-44	89.9
LP85-4	10+00S	7+55E	243	-45	81.4
LP85-5	19+00S	3+20E	243	-45	104.9
LP87-6	18+85S	2+72E	053	-45	30.8
LP87-7	18+85S	2+71E	-	-90	28.3
LP87-8	22+00S	7+55E	243	-45	99.6
LP87-9	10+00S	9+10E	243	-45	97.7
LP87-10	10+00S	9+11E	-	-90	78.9
LP87-11	8+00S	5+10E	243	-45	63.0
LP87-12	6+00S	5+39E	243	-45	119.5
LP87-13	4+00S	4+54E	243	-45	83.5
LP87-14	4+05S	4+95E	243	-45	111.9
LP87-15	1+90S	4+67E	243	-45	90.5
LP87-16	8+00S	4+60E	243	-45	157.7
LP88-17	4+90S	11+65E	242	-45	152.7
LP88-18	30+10S	6+70E	242	-45	99.4
LP88-19	28+00S	2+50E	242	-45 TO -48	123.7
LP88-20	21+00S	3+00E	242	-45 TO -62	217.9
LP88-21	26+00S	1+65E	062	-45	111.5
LP88-22	0+00S	3+10E	242	-45 TO -56	142.0

DDH LP88-17

Lithology

0- 14.0 m	overburden
14.0-100.9	deformed black shale; minor quartzite, tuff strongly sheared sections
100.9-152.7	quartz-muscovite-biotite-chlorite schist

Assays

No significant assays. Highest value 910 ppb in 15 cm qtz-po-tm vein at 136.2 m.

Comments

1. Tested MaxMin electromagnetic conductor - black carbonaceous shales, intersected Seagull fault 86.45 - 100.9 m.

2. Magnetic anomaly caused by widely disseminated pyrrhotite.

3. Bi:Au ratio of 104:1 at 136.2 m

DDH LP88-18

Lithology

0-10.0 m	overburden
10.0-99.4	quartz-muscovite-biotite-chlorite schist

Assays

71.9-72.4 m	0.054 oz/ton Au
73.8-74.5	0.315

Comments

1. Was spotted to test the induced polarization high. Intersected qtz-po-py stockwork vein zones between 13 to 32 metres and between 71.9 to 79 m, and at EOH, containing 5 to 10% sulfides in vein material.

2. MaxMin and VLF electromagnetic conductors explained.

3. Magnetic anomaly explained.

4. Average Bi:Au ratio of 79:1 on two samples with >100 ppb Au.

5. Highest gold value noted in all drilling to date, 0.315 over 0.7 m at depth of 73.8 metres.

DDH LP88-19

Lithology

0-19.2 m	overburden
19.2-50.1	chlorite schist; minor qtz-tm veins
50.1-56.0	silicified schist; massive sections of po
56.0-64.0	chlorite schist
64.0-73.65	mineralized schist; sulfides to 40%, averaging 20% - mainly po, m py, cpy.
73.7-82.7	qtz - po -tourmaline vein; with schist inclusions, tm alteration
82.7-93.9	mineralized - muscovite - biotite schist; with stockwork of narrow qtz-po veins
93.9-111.5	qtz-po vein; tourmaline alteration, average 50% qtz, 15 to 20% sulfides-mainly po, minor cpy, py. One speck (.2mm) of visible gold noted at margin of qtz inclusion at 108.2. Note fine marcasite veining in pyrrhotite, and rounded quartz inclusions in massive po.
111.5-123.7	muscovite schist; mineralized to 20% po-tm

Assays

75.7-76.7 m	0.054 oz/ton Au	
76.7-77.7	0.141	
80.7-81.7	0.207	
100.0-101.0	0.196)	
101.0-102.0	0.255)	
102.0-103.0	0.054)	0.172 over 5 metres
103.0-104.0	0.227)	
104.0-105.0	0.130)	

Comments

1. Conductor, magnetic anomaly probably related to upper mineralized schist 50.1-56 m, inferring steep westerly dip to this zone.

2. 93.9-111.5 m extremely strong vein structure. Dip unknown, assume steep dip to east.

3. Main vein intersection at 93.9-111.5 m or vertical depth of 66 m is at the depth penetration limit of the geophysical surveys.It may also be masked by being vertically under the interpreted marble contact. Should test for a manto type deposit at upper contact with marble.

4. Average Bi:Au ratio of 66:1 over 34 assays in hole with greater than 100 ppb Au.

5. 0.172 over 5 metres, best overall intercept to date.

DDH LP88-20

Lithology

0-5.3 m	overburden
5.3-38.7	chlorite schist
38.7-46.0	mineralized schist-vein stockwork; tourmaline
46.0-50.8	qtz-chlorite-biotite schist
50.2-67.7	veined qtz-chlorite-biotite schist; frequent veins, minor marble interbands to 20% of schist, tourmaline alteration
67.7-90.0	qtz-chlorite-biotite+-muscovite schist + marble; marble to 50% of section. Few thin veins.
90.0-159.45	qtz-tourmaline alteration-replacement of schist; minor ankerite veining, numerous sulfide veins, po generally > py, m cpy throughout
159.5-177.3	tourmalinized schist; often strongly fractured and broken core; often silicified
177.3-193.6	qtz-chlorite-biotite schist;marble bands 3-5% increasing towards base. Several zones of veining;late calcite veins
193.6-196.2	andesite dyke; chilled margins
196.2-216.2	schist + marble; skarny biotite schist bands in hard (silicified?) marble or dolomite. Some veining, qtz, po, tm, minor py
216.2-217.2	grey volcanic dyke; chilled margins
217.2-217.7	muscovite schist
217.7-218.0	white altered volcanic; badly broken, clay altered.

Assays

50.2-51.2 m	0.044 oz/ton Au
175.8-177.3	0.02

Comments

1. Conductor, magnetic high and marked apparent resistivity low explained by wide zone of stockwork veins containing po.

2. Interpreted shear zone (Figure 3c) from ground magnetic data seems to correlate with the folded and crumpled zone intersected from 50.15 to 193.6 m, and the breccia noted at 150-152.6 m.

3. Skarning increasing down the hole towards the west, consistent with DDH LP85-5, 87-6,and 7.

4. Average Bi:Au ratio of 189:1 over 11 samples with greater than 100 ppb Au, including the section from 50.2-67.2 m where 5 samples average 110:1.

5. The hole steepened significantly to 62 degrees at the bottom from 45 degrees at the collar.

DDH LP88-21

Lithology

0-12.5 m	overburden
12.5-60.0	marble and biotite-chlorite schist; marble bands greater than 50% of unit.
60.0-111.6	chlorite-muscovite schist; marble bands bands at base of section. Numerous qtz-po veinlets with tourmaline, m py. Crumpled sections.

Assays

75.5-77.1 m	0.033 oz/ton Au

Comments

1. Hole was spotted to test for a manto type deposit at base of marble, on the northern extension of the major vein noted in LP88-19, however it appears to have been spotted to far to the east and drilled over the top of the target area.

2. If the MaxMin conductor located at 2+50 E on L26S is vertical or dips east, it would not have been tested by this hole.

3. Average Bi:Au ratio of 180:1 over 6 samples with greater than 100 ppb Au.

DDH LP88-22

Lithology

0-5.4 m	overburden
5.4-68.7	marble; pale grey, partly silicified with sections of dolomite and fractured quartzite. Narrow zones of qtz-po-py- tourmaline mineralization, very minor cpy.
68.7-142	biotite-chlorite schist and marble; schist and marble in approximately equal amounts. Schist occurs as wispy boudinaged strips in marble,skarny appearance at contact of schist with marble.

Assays

21.4-21.6 m	0.024 oz/ton Au,	1420 ppb
24.0-26.2	0.03	660 ppb

Comments

1. Induced polarization anomaly explained by sulfides in interval from 17.95-42.87 m.

2. VLF electromagnetic conductor probably explained by vertical projection to surface of zone of crumpling and folding in schist and sulfide veining in section 81.6- 110 m.

3. Average Bi:Au ratio of 117:1 over 2 samples with greater than 100 ppb Au.

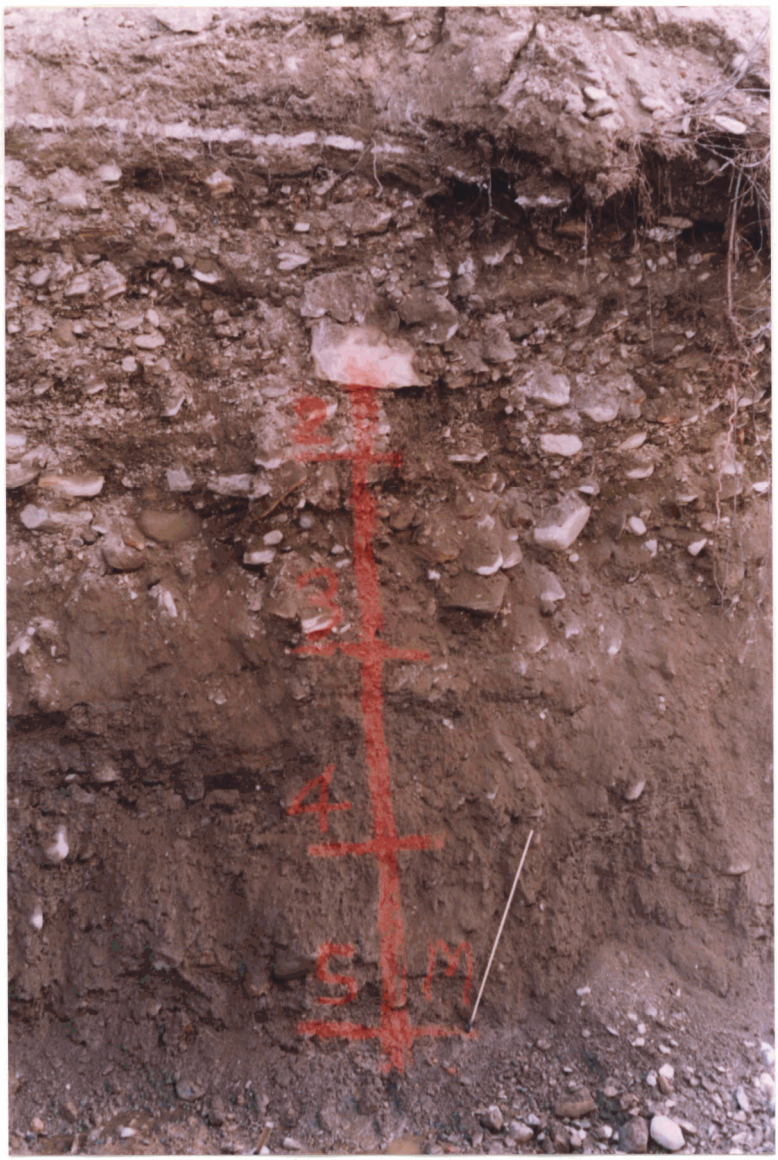
Trenching And Geology

Two trenches, totaling some 3250 cubic metres, were opened in 1988. A D7 tractor with a single ripper was used. The purpose of Trench 88-1 was three fold: 1) to obtain a bulk sample of the mineralization noted by Cominco in DDH LP88-13 and 14; 2) to map the vein and wallrock geology in detail, and 3) to determine the variation of metal values with depth in the soil profile. Excavation to 5 metres depth in the trench did not encounter bedrock.

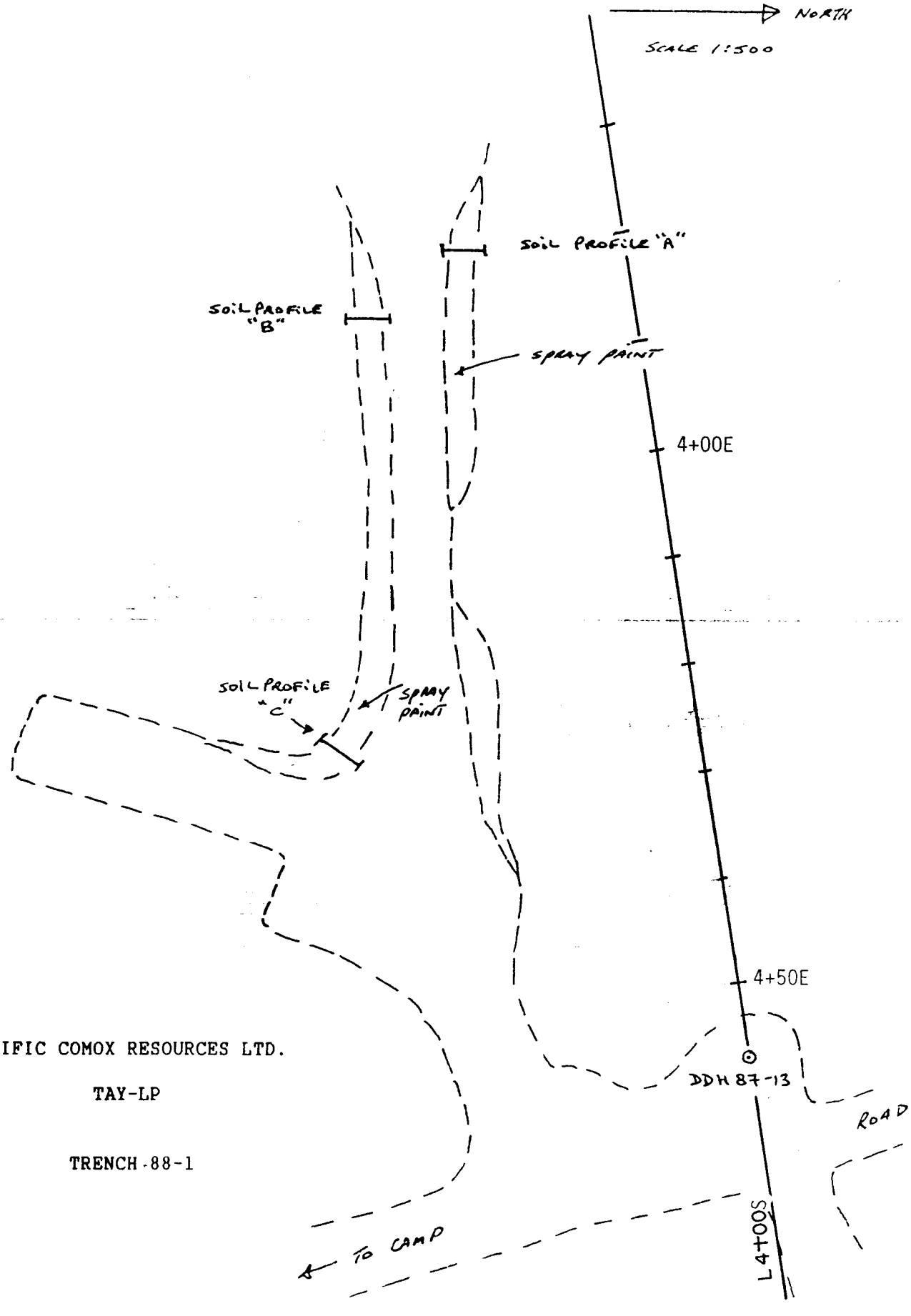
Trench 88-1 is located 20 metres south of line 4S, between 3+70 to 4+50 E (see Figure 13, and 14).

Three soil profiles were sampled and mapped by Ron Robertson (see Figure 14). The geochemical results are discussed in the section on Geochemistry.

Overburden consists of a top soil-clay layer from 20-50 cm thick underlain by the White River volcanic ash and a thin organic layer (see Photo 3). This is in turn underlain by 2 metres of fluvial sediments consisting of alternating thin layers of fine sand , boulders and pebbles. At the base is 2.5 metres



PHOTOGRAPH 3 : TRENCH 88-1 SHOWING WHITE RIVER ASH HORIZON NEAR TOP AND TILL HORIZONS TO 5 METRE DEPTH



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TAY-LP

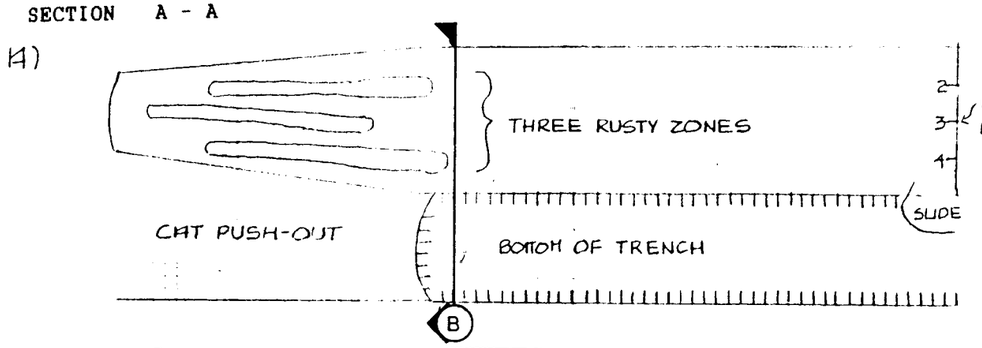
TRENCH 88-1

FIGURE 13

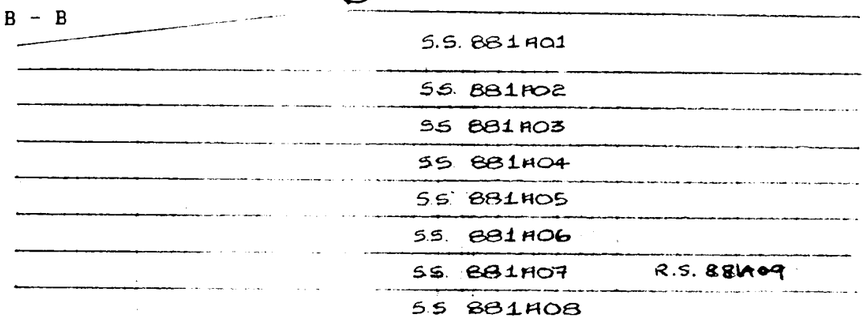
SOIL PROFILE "A"

NORTH SIDE OF TRENCH 88-1

SECTION A - A



SECTION B - B



Topsoil Removed By Bulldozer

SS 881A01 → Fine sand, bedded (50cm)

SS 881A02 → Thin bedded clay and sand - mostly Grey-Green with rust spots. Stronger rusty zone at bottom and thin dark brown organic lenses with roots (20cm)

SS 881A03 → Zone is from 3 cm of pebbles / sand to 40 cm of boulders (10 cm diameter of boulders) with volcanic ash

SS 881A04 → 20 cm of Grey-Green clay and sand with rust spots Brown and black rusty zone at bottom - similar to SS 881A02

SS 881A05 → 25 cm thick of sand and pebbles

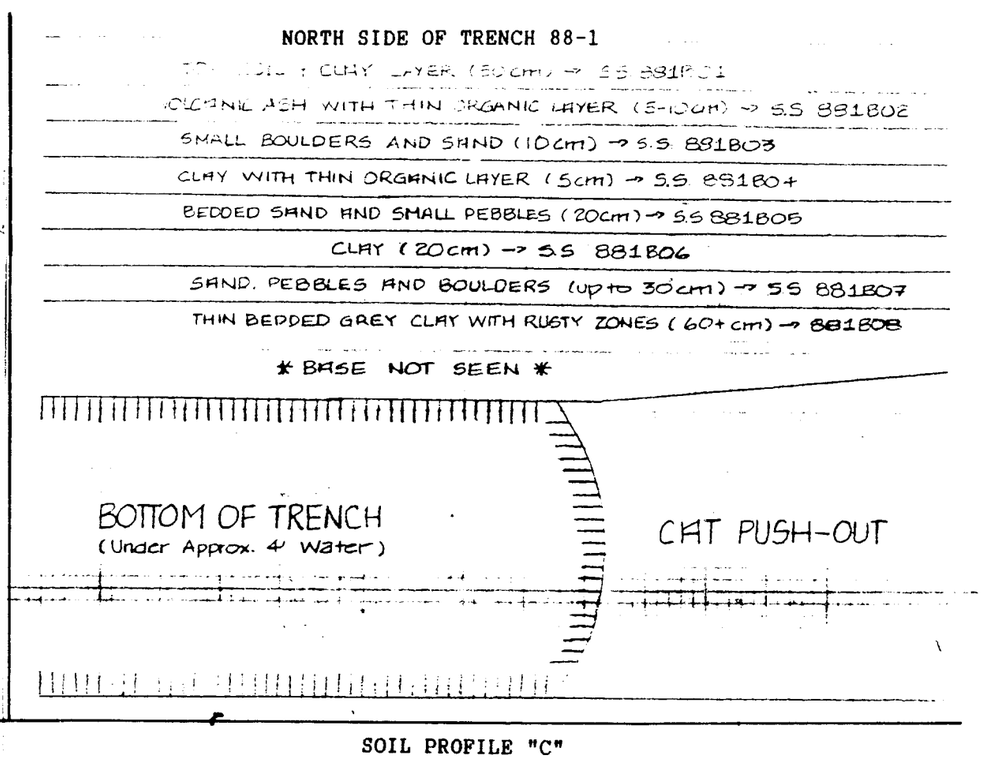
SS 881A06 → 10 cm of banded Grey-Green clay with rust spots

SS 881A07 → 20cm of Pebbles and sand - small heavily oxidized rocks in this layer.

SS 881A08 → Over 60cm of bedded Grey clay & Fine Sand

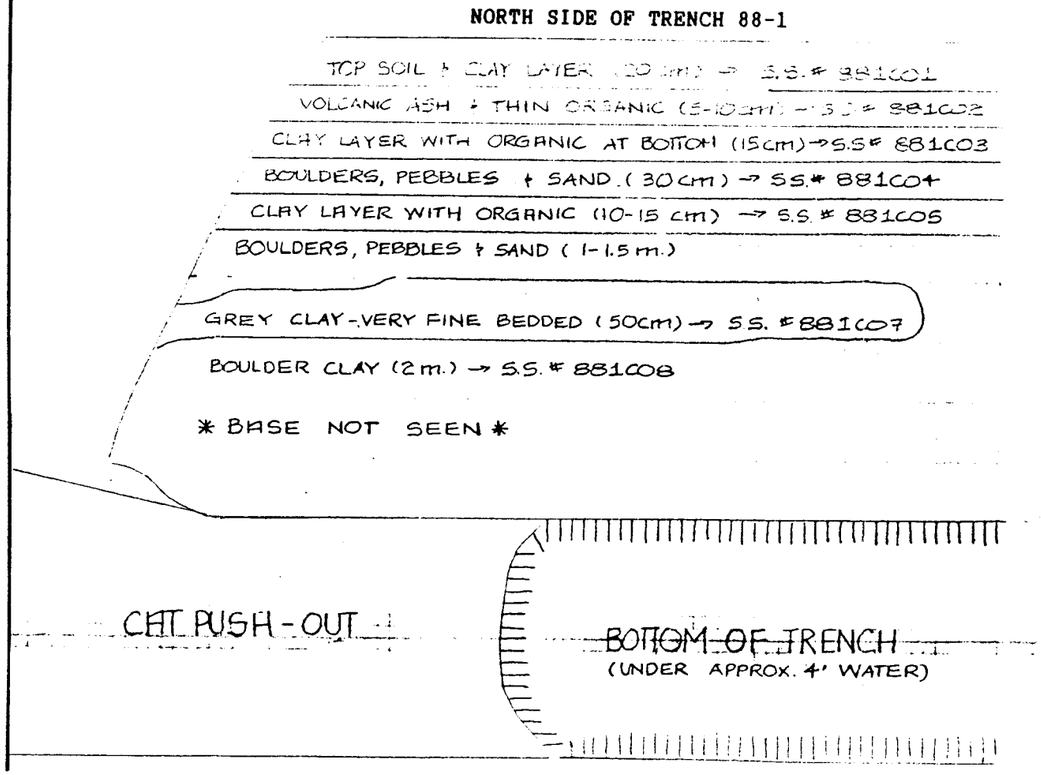
RS 881A09 → Heavily oxidized rock from layer of SS 881A07 Calc - schist with many thin carbonate veinlets

NORTH SIDE OF TRENCH 88-1



SOIL PROFILE "C"

NORTH SIDE OF TRENCH 88-1



PACIFIC COMOX RESOURCES LTD.

TAY-LP

SOIL PROFILE & SAMPLE LOCATION
TRENCH 88-1

FIGURE 14

plus of glacially derived grey clay - boulder clay, containing rounded glacial erratics to 2 metres in diameter.

A total of 18 mineralized boulders were uncovered in the trench. These were generally subangular and are believed to have come from the top 3 metres of the overburden suggesting a fluvial mode of transport rather than glacial.

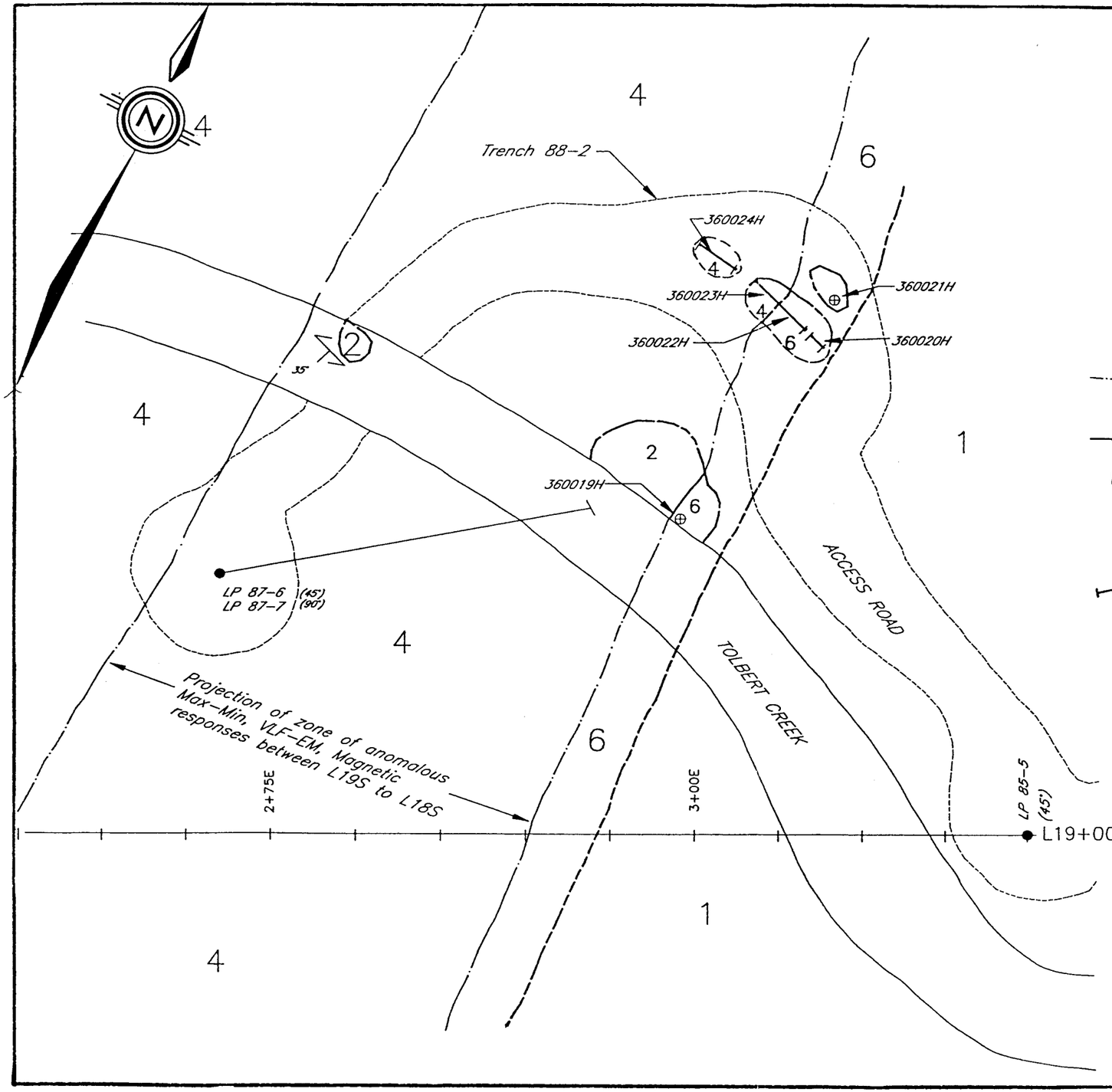
Trench 88-2, (Figure 15), is located north of line 19S at 2+95 to 3+10E. The original discovery outcrop (28.5 g/t gold in massive pyrrhotite vein material), located by Cominco Ltd, is exposed 15 metres to the south of the trench near sample 360019H, on the north bank of Tolbert Creek. See Table III for sample results.

The trench at a depth of 1 metre, exposes a zone of quartz-pyrrhotite mineralization to 10 m wide with assays to 0.69 oz/ton (23.0 g/t) gold in sample #360020H, 0.32 oz/ton (10.7 g/t) in sample #360019H and 0.234 oz/ton (7.8 g/t) in sample #360022H. Paterson (1988), described the geology in the vicinity of the trench as follows:

"An example of replacement or manto type mineralization associated with limestone occurs in DDH LP-87-06 and LP-87-07. A quartz pyrrhotite zone containing schist and skarn clasts occurs along the basal contact of a banded skarn zone. This zone averages 6 m in thickness and contains Au values in the range 100 ppb to 2.4 g/t. Hole LP-87-06 was drilled directly under an outcrop which has yielded selected pyrrhotite rich samples containing up to 28 g/t Au." "... in DDH LP-85-05 a 7 m vein intercept gave a value of < 10 ppb Au despite the nearby presence of outcrop samples of pyrrhotite vein material with grades of 28.5 g/t Au..."

This suggests that rapid lateral changes in gold grades can occur within any one quartz pyrrhotite vein structure and that large drill stepouts on mineralization are not recommended.

Interpretation of the MaxMin survey results in this area



LEGEND

6	QUARTZ–PYRRHOTITE ± TOURMALINE VEIN & STOCKWORK ZONES. Minor Cpy – py.
4	SKARN ALTERATION – DIOPSIDE, Garnet variable cpy, py, po. Unaltered marble & altered schist inclusions.
2	Banded buff weathering marble with inter foliated qtz + musc ± chl schist.
1	Biotite + muscovite + quartz ± calcite ± chlorite ± tourmaline schist.

SYMBOLS

- Trend of anomalous geophysical responses.
- Geological contact; defined, assumed.
- Outcrop.
- 360021H ⊕ Rock sample location, Sample number.
- 360023H Sample location, Sample number.
- (45) Diamond drill hole, dip.
- 35 Foliation, dip.

PACIFIC COMOX RESOURCES LTD.

TAY – LP CLAIMS

WATSON LAKE MINING DISTRICT – YUKON TERRITORY

TRENCH 88–2
GEOLOGY & SAMPLE LOCATION

SCALE 10 0 10 METRES / 30 0 30 FEET

1 : 250

DATE: MAY, 1989 N.T.S. 105 F/10

FIGURE 15

TABLE III

SAMPLE RESULTS TRENCH 88-2

Sample #	Description	Gold g/t	oz/ton
360019H	Vein-Massive Pyrrhotite -subangular to rounded Quartz inclusions -minor chalcopyrite	10.7	0.32
320020H	Vein - 50% Qtz 50% Po -Vuggy quartz (-from weathering of carbonate??)	23.0	0.69
360021H	Vein - massive Po - to 20% Qtz, minor cpy py. Po is strongly magnetic	0.82	0.024
360022H	Vein- very vuggy quartz, minor pyrite	7.8	0.234
360023H	Marble ?? Limonite rich (to 80%)	1.38	0.041
360024H	Vein ?? Massive py, minor po, cpy to 1%, minor galena -heavy iron oxide on fractures	2.16	0.065

suggest a vertical dip to the conductive zone inferring that the mineralization noted in LP 89-6 does not necessarily correlate with high grade mineralization noted at the surface, and in fact the hole was possibly stopped short of the down dip extention of the outcrop.

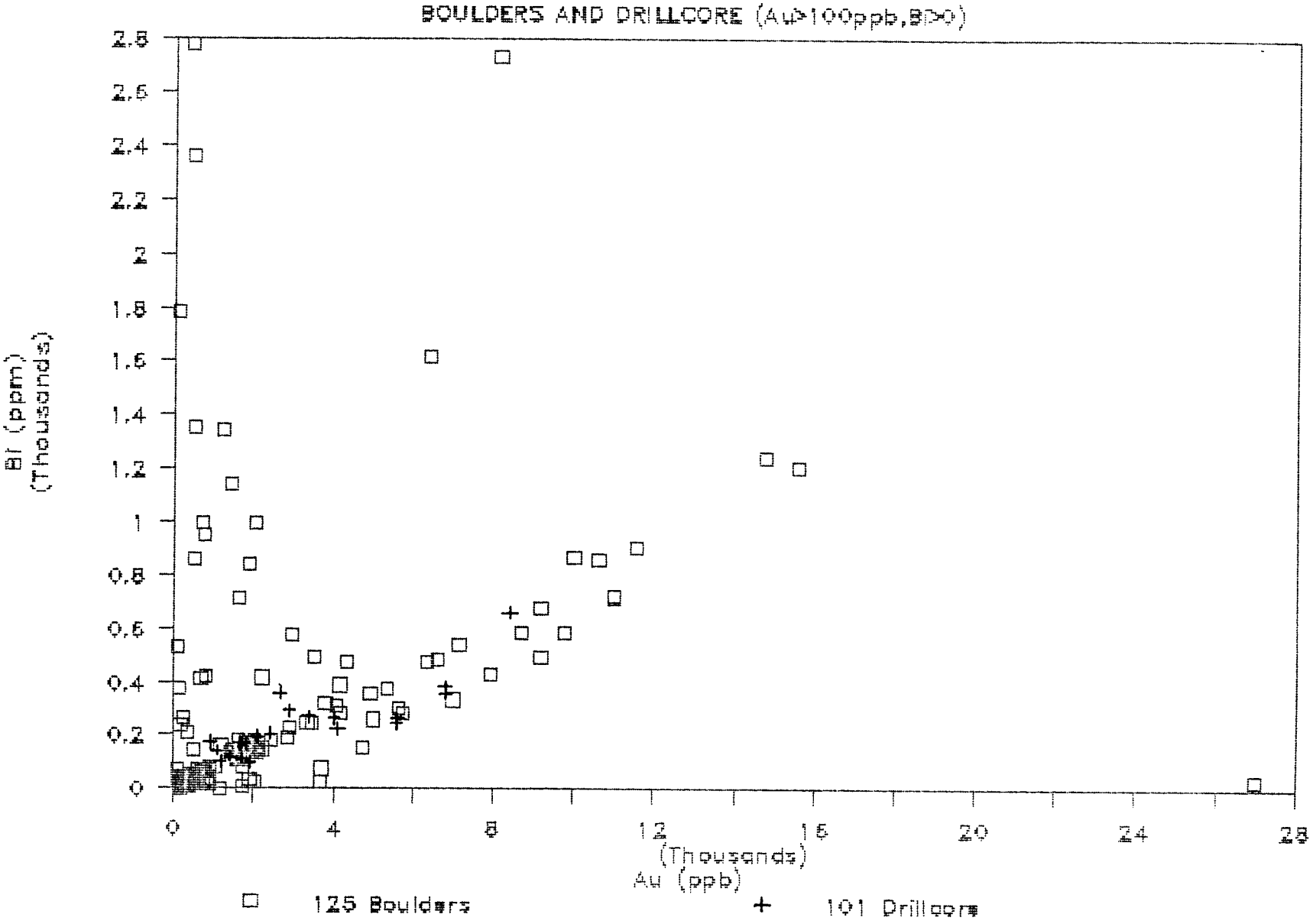
ANALYSIS OF ROCK GEOCHEMISTRY DATABASE

All of the previous Cominco, and Pacific Comox geochemical information for boulders and drill core were digitized for computer analysis. The purpose of the analysis was to prove that the source of the gold bearing boulders was in fact the quartz pyrrhotite vein system being drilled and to determine the geochemistry of their source.

Paterson (1985) noted an early correlation between high bismuth values and high gold values . Initial X-Y scatter plots of bismuth versus gold showed in a large population of both boulders and drill core a strong correlation. (See Graph I)

Graph II, shows a comparison of the gold distribution in sulfide bearing boulders with the gold distribution in sulfide bearing drill core. The graph clearly indicates a low and high grade population for each of the boulders and the drill core, with the mean of the high grade boulder population between 1250-2500 ppb Au versus 500-1250 ppb Au in drill core. The graph also shows that 86 out of the 222 boulders or 39% grade less than 50 ppb Au, versus 181 out of 398 drill core samples or 45% . These statistics suggest that drilling to date has not outlined its proportionate number of higher grade intersections, or conversely that drilling has been concentrated in lower grade sections of

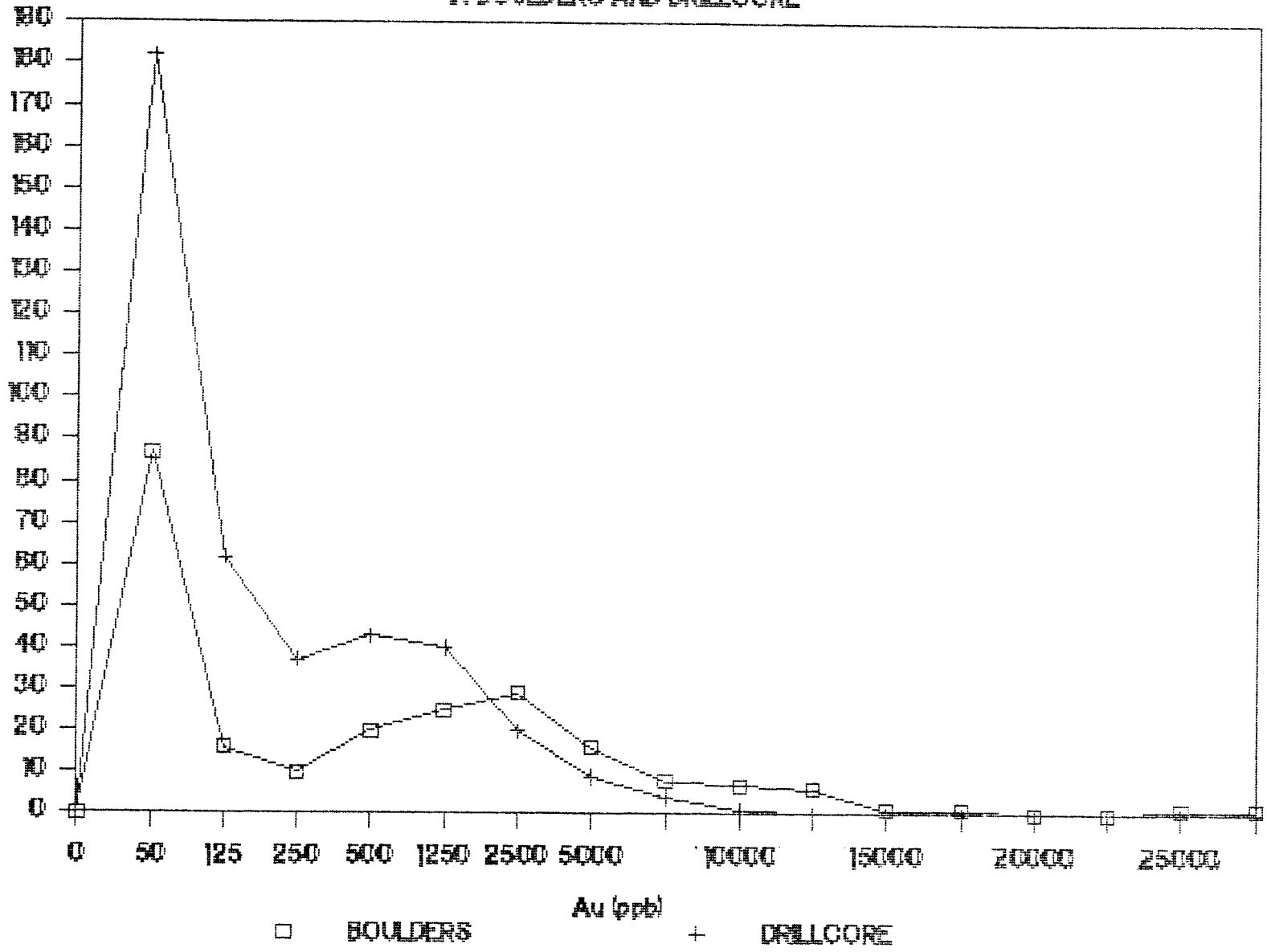
BISMUTH VS. GOLD



GRAPH I

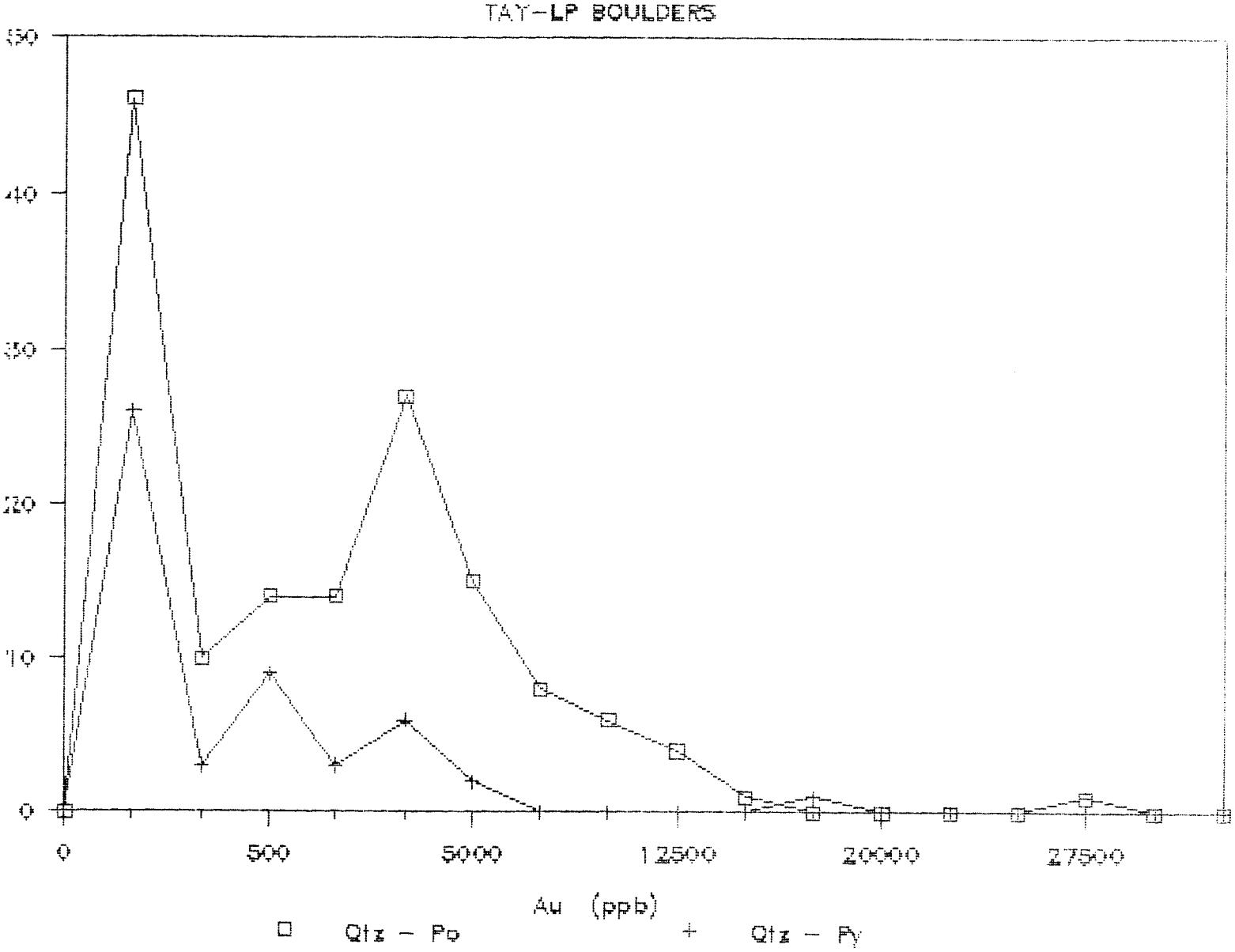
GOLD FREQUENCY DISTRIBUTION

IN BOULDERS AND DRILLCORE



GRAPH II

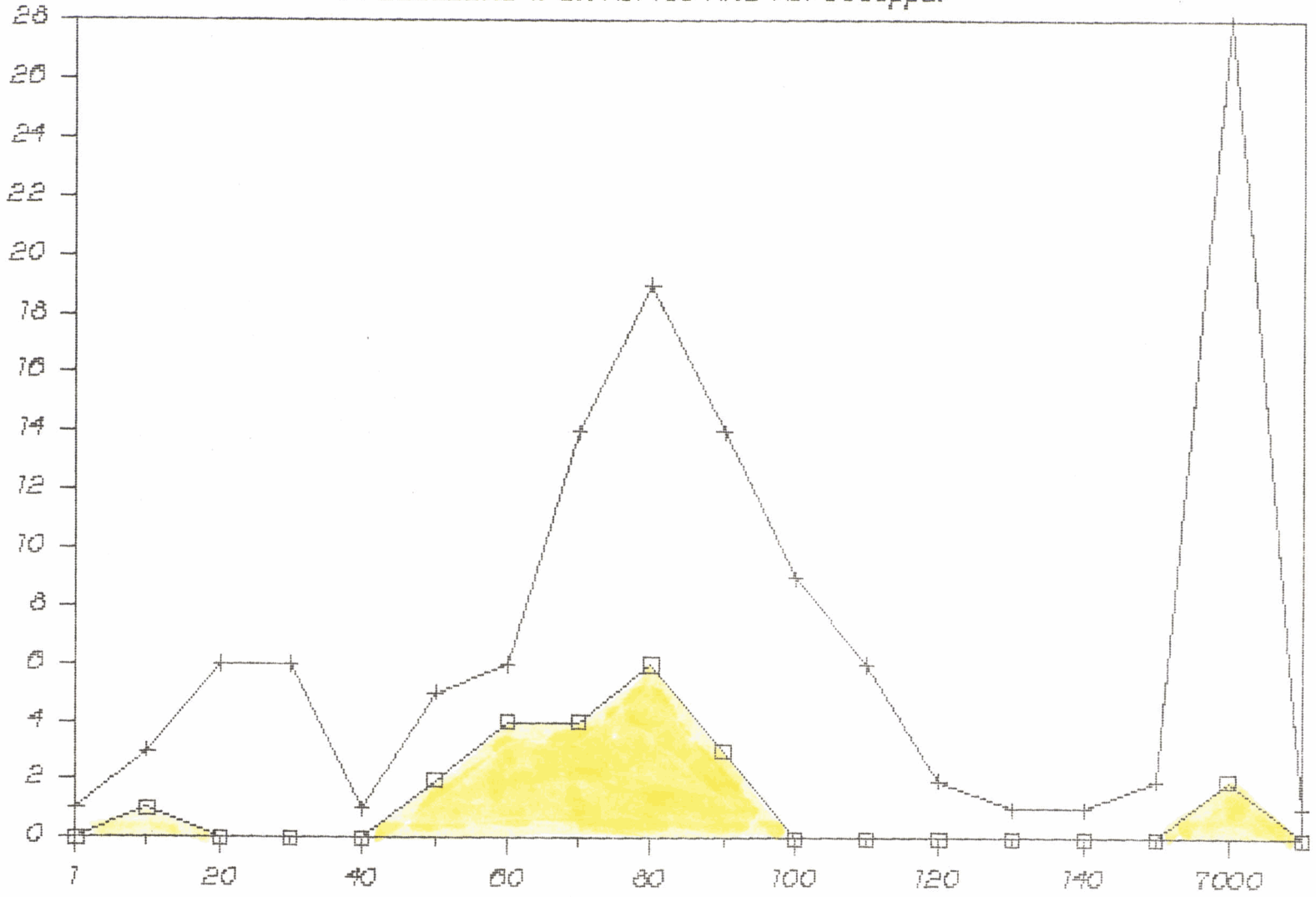
FREQUENCY DISTRIBUTION



GRAPH III

DISTRIBUTION OF BI:AU RATIOS

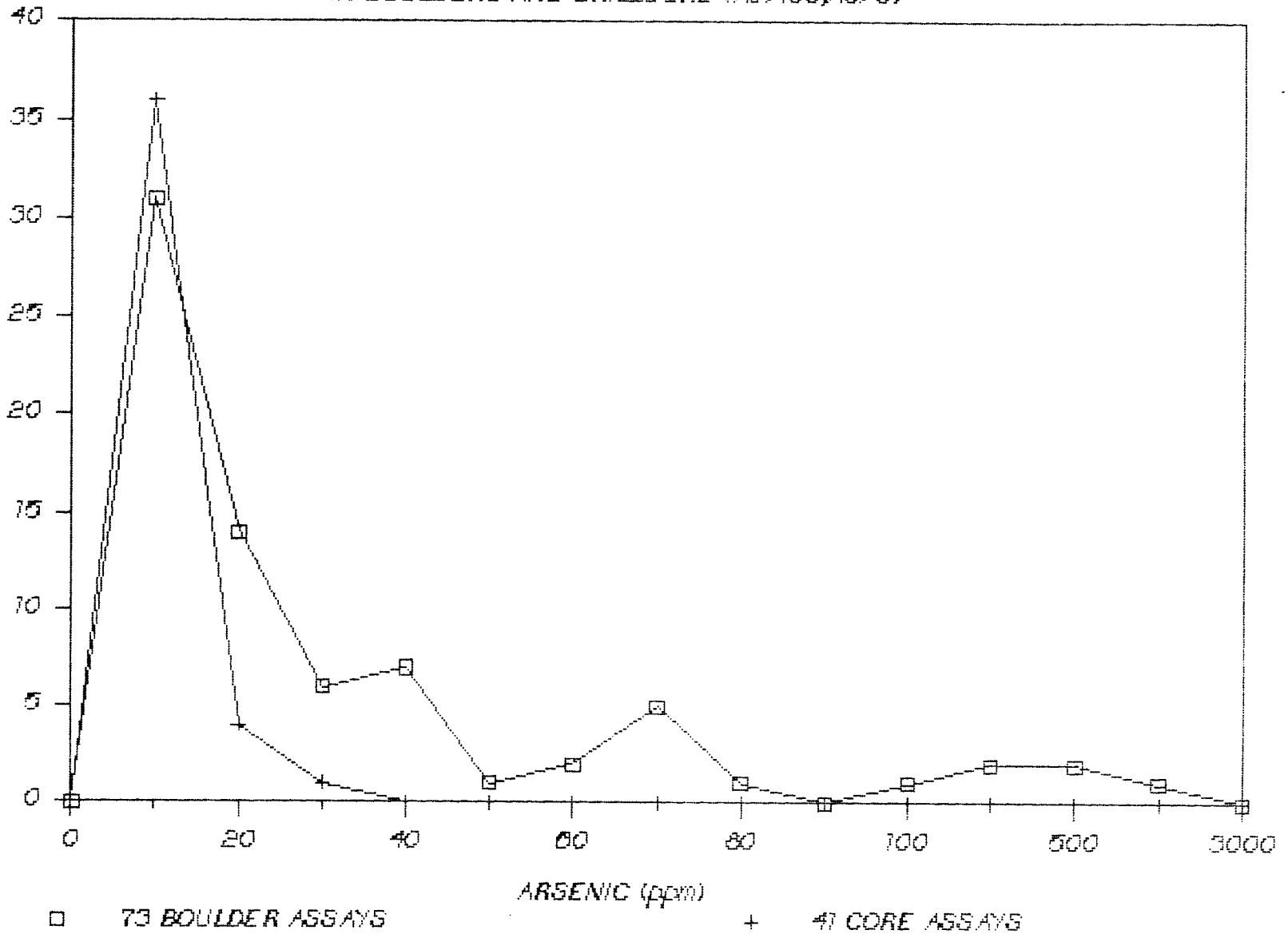
IN BOULDERS (FOR AU>100 AND AU>5000ppb)



GRAPH IV

ARSENIC DIST. FOR Bi:Au RATIO OF 40–140

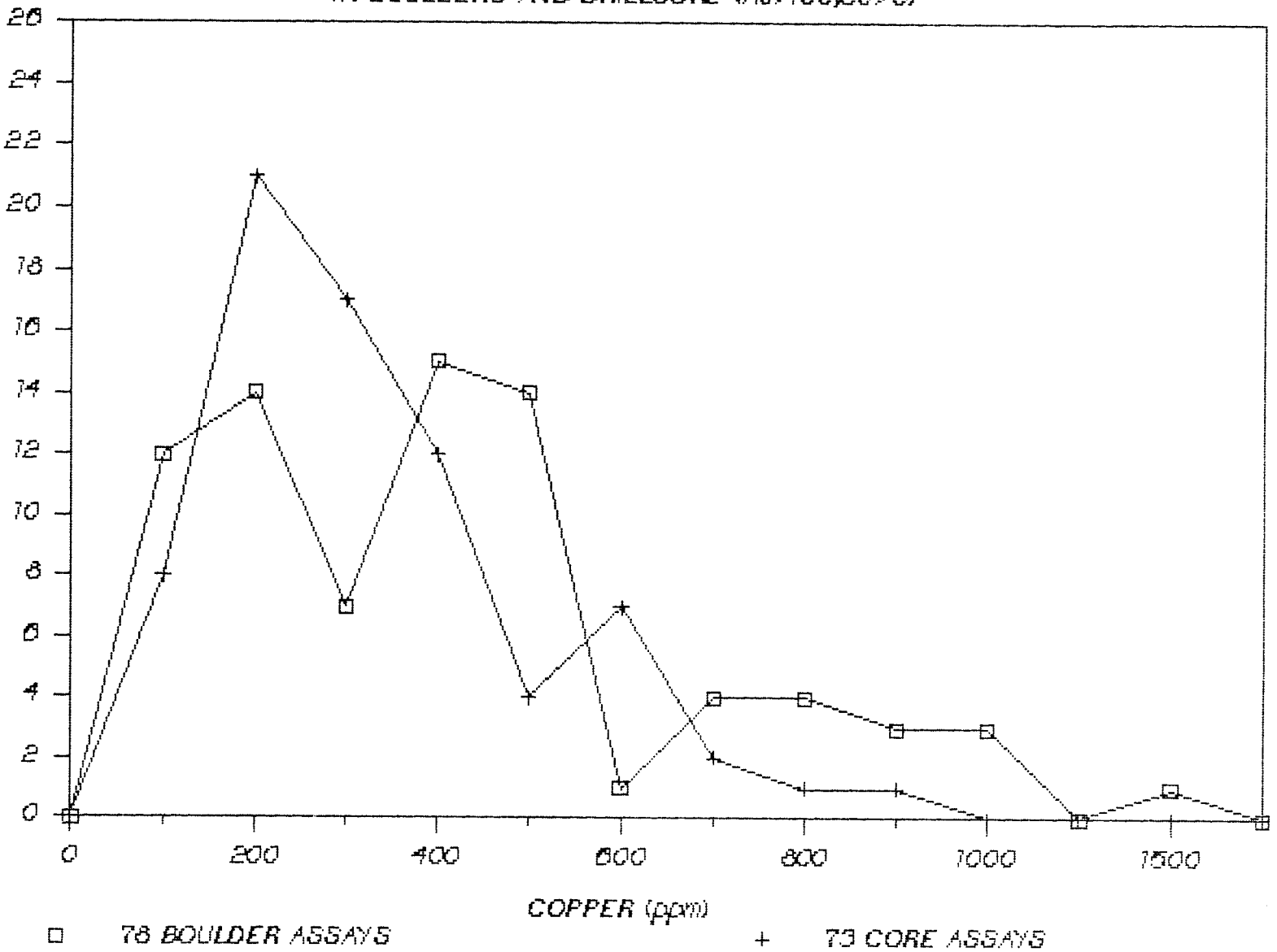
IN BOULDERS AND DRILLCORE (Au>100,As>0)



GRAPH V

COPPER DIST. FOR Bi:Au RATIOS OF 40–140

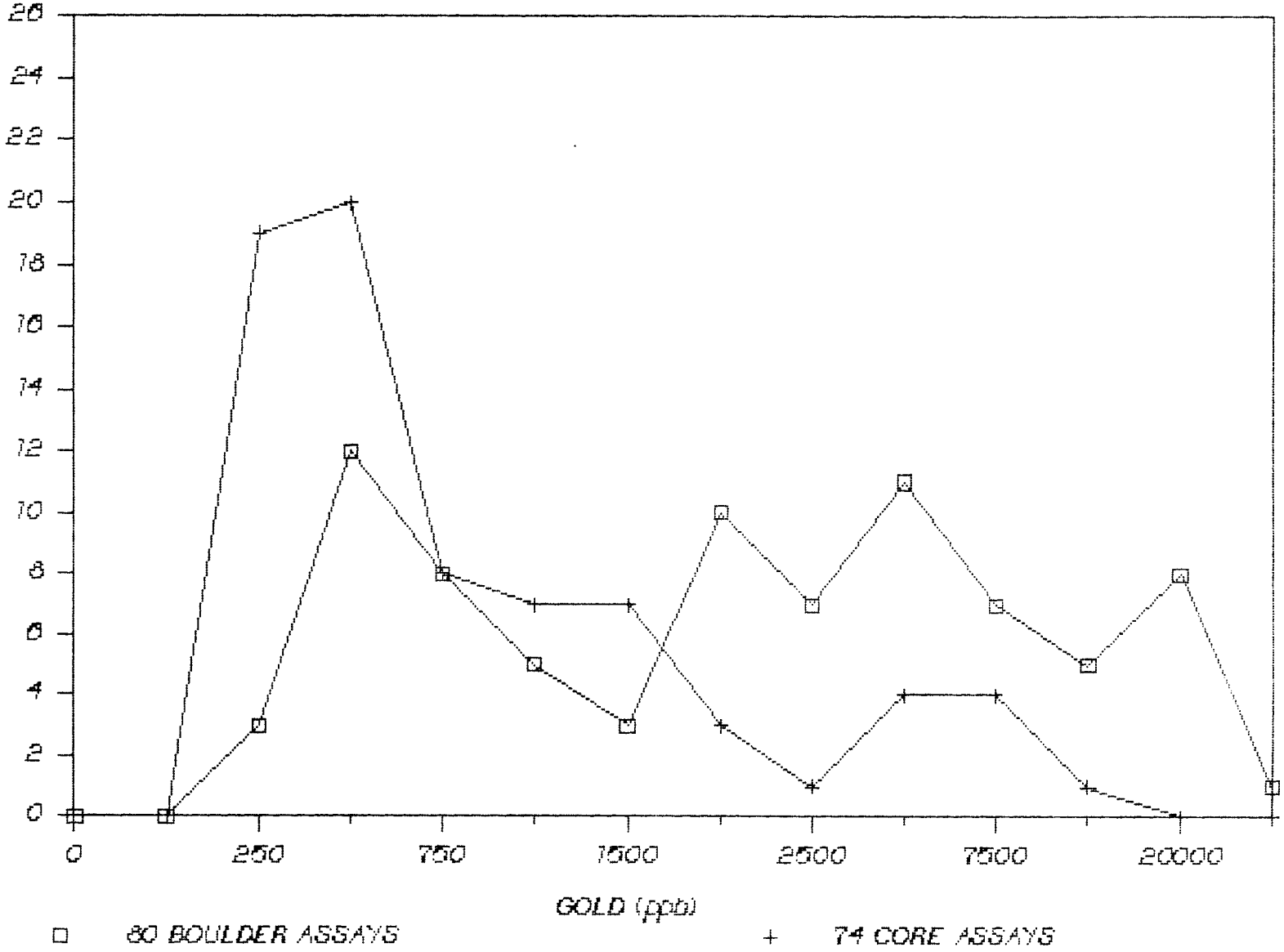
IN BOULDERS AND DRILLCORE (AU>100,CU>0)



GRAPH VI

GOLD DIST. FOR Bi:Au RATIOS OF 40–140

IN BOULDERS AND DRILLCORE (AU>100,BI>0)



GRAPH VII

the mineralized vein systems (assuming that the boulders have been derived from the same mineralized system).

Graph III shows the frequency distribution of gold in quartz-pyrrhotite and quartz-pyrite boulders. Clearly the majority of the boulders, 77%, are quartz -pyrrhotite and with the exception of two quartz-pyrite boulders, all the high grade boulders are quartz-pyrrhotite (these boulders may contain pyrite but generally far less pyrite than pyrrhotite).

Given that a good correlation exists between bismuth and gold geochemical values in certain boulder and drill core populations, a plot of the frequency distribution of Bi:Au ratios for Au>100 ppb and for Au>5000 ppb. was prepared (Graph IV). This graph shows that fully 62% of all boulders containing greater than 100 ppb Au fall in a Bi:Au ratio range of from 40 to 140, with the mean ratio between 70 to 80 Bi:Au. In addition 19 out of 22, or 86% of the high grade boulders fall within a Bi:Au ratio range of 40 to 90, with a mean at 70 Bi:Au. This data conclusively indicates that ore grade gold values tend to occur in quartz -pyrrhotite vein systems with a Bi:Au ratio of say 60 plus or minus 35% (the plus or minus 35% can be primarily accounted for by measurement error inherent in the individual assays or ICP analyses for gold and bismuth).

Graphs V, VI and VII show the frequency distribution of arsenic, copper and gold respectively, for boulders and drill core with Bi:Au ratios between 40 and 140. These graphs clearly illustrate the identical geochemical signatures for arsenic and copper between the boulders and the drill core with identical

Bi:Au ratio ranges.

In addition, Graph VII indicates that the odds of finding a ore grade boulder within the boulder population containing >5000 ppb are approximately 1 in 3, however in drill core the odds are 1 in 14, again suggesting that the drilling to date has been concentrated in lower grade sections of the system or alternatively that the drill hole spacing has been too large, missing the higher grade sections.

PETROGRAPHIC STUDIES

In order to confirm the mineral associations noted above, 15 samples of boulders/drill core were submitted to Vancouver Petrographics Ltd., for a complete petrographic report. The boulder samples were from Trench 88-1 and the drill core samples from DDH LP88-19. The reports by Payne, 1988 and Harris, 1989, (minus photographs) are presented in Appendix I. A summary taken from Payne, 1988, follows:

"The samples are mainly veins of quartz and pyrrhotite with locally abundant arsenopyrite, and minor to moderately abundant pyrite and chalcopyrite, minor bismuth and bismuth sulfide, and locally minor galena (with arsenopyrite).

Veins consist of an early stage of quartz, which was deformed moderately and recrystallized in part to much finer subgrain aggregates. It was replaced in irregular patches and in veinlets by sulfides. Some quartz intergrown with sulfides is undeformed, suggesting that it was recrystallized (or introduced) when sulfides were introduced.

Pyrrhotite is altered moderately to locally strongly to secondary pyrite-marcasite, which locally is further altered to hematite.

Arsenopyrite is an early formed sulfide which was fractured and veined by pyrrhotite, galena, and bismuth.(**NOTE : no arsenopyrite was noted in submitted drillcore samples).

Pyrite is surrounded by pyrrhotite in interstitial patches is arsenopyrite.

Chalcopyrite occurs in lenses and patches, mainly associated with pyrrhotite.

Bismuth and much less bismuthinite(?) and native gold occur

in patches and veinlets, both associated with pyrrhotite and chalcopyrite, and as replacements of recrystallized quartz.

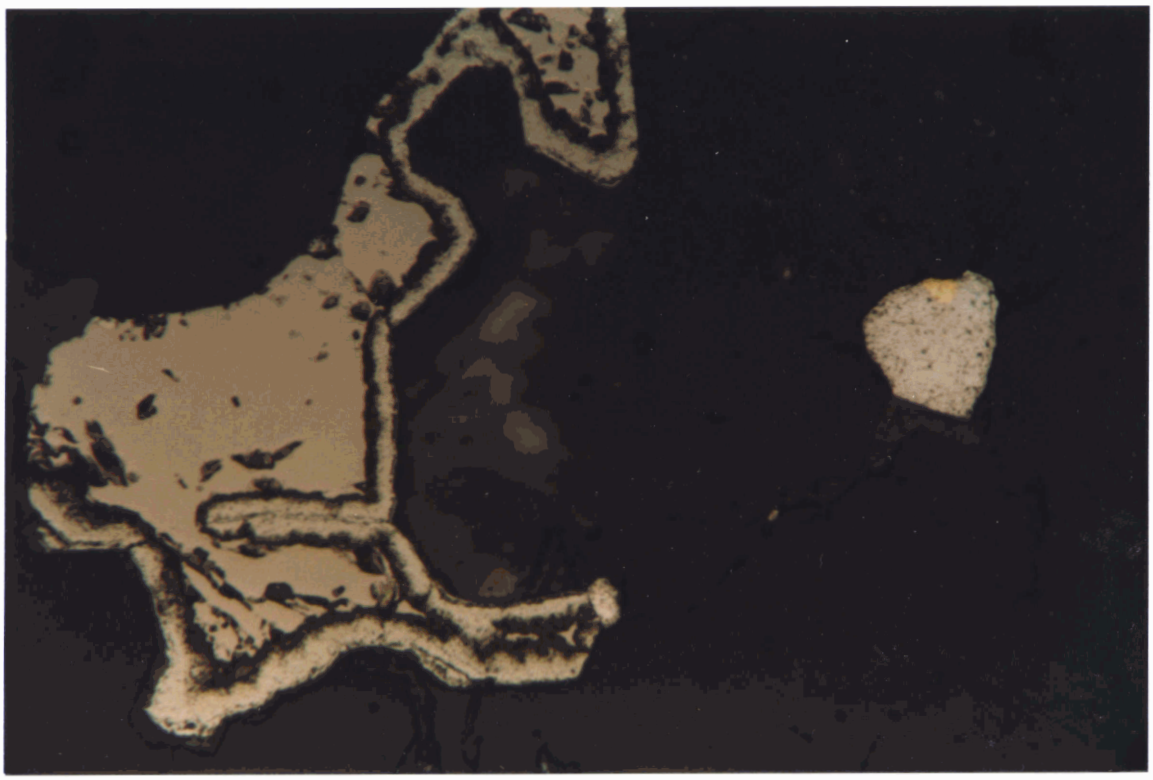
Tourmaline is abundant in some samples as replacement patches and veinlets, in part intergrown with pyrrhotite.

The host rock is dominated by extremely fine grained schist dominated by quartz and muscovite, with local coarser grained varieties. Tourmaline and ankerite is moderately abundant in some samples. Minor minerals include chlorite and sphene."

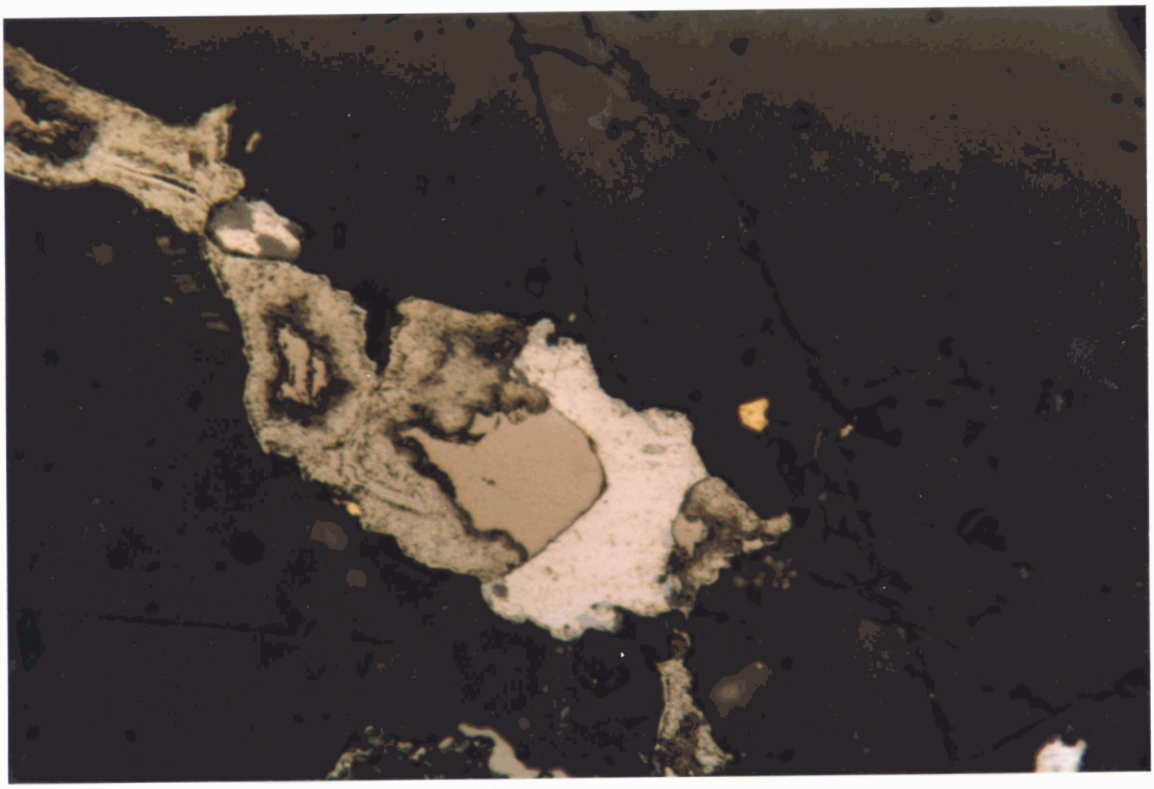
Photographs 4 and 5 overleaf, are taken from samples 360013H and 14H, angular quartz-pyrrhotite boulders with minor chalcopyrite from Trench 88-1, which assayed 3.47 and 11.0 g/t gold, respectively.

The photographs show the relationship of native gold occurring in or near native bismuth (medium gray grains) and associated with pyrrhotite (medium brown) with rims of pyrite marcasite in quartz (black).

PHOTOGRAPH 4: Sample #360013H - Patch of Bismuth-(Native Gold) and Pyrrhotite with Rim of Pyrite-Marcasite in Quartz; Length: 0.33mm (328X)



PHOTOGRAPH 5: Sample #360014H - Patch of Pyrrhotite altered to Pyrite-Marcasite; Bismuth with minor Tellurbismuth, Bismuthinite and Secondary Bi:Mineral; Native gold in Quartz and on Edge of Pyrite Marcasite. Length 0.33 mm (328x)



CONCLUSIONS

Work to date has defined a total of 9.25 kilometres of favourable geophysical features of which only a small proportion has been tested by drilling.

The 1988 program of diamond drilling of the geophysical anomalies continued to outline interesting gold grades, and for the first time intersected ore grade values to 0.32 oz/ton in strong northerly trending and steeply dipping quartz pyrrhotite vein structures.

Statistical analysis of all the geochemical data acquired to date on the property, indicates that the source of the high grade gold boulders is in fact the quartz-pyrrhotite vein structures noted on the TAY-LP claims.

The outcropping high grade gold mineralization observed in and near Trench 88-2 (0.23 to 0.83 oz/ton Au), the gold values obtained in drill holes LP88-19 (to 0.255 oz/ton Au) and in LP87-13 and 14, (to 0.146 oz/ton Au) occur in quartz-pyrrhotite veins which appear to be at or near the marble - schist contact. This relationship may be important for the formation of ore grade gold mineralization.

The induced polarization technique was effective in outlining the quartz-pyrrhotite vein systems and in fact the highest gold assay in drilling to date (0.315 oz/ton (10.7 g/t) gold over 0.7 m) occurred in DDH LP88-18, within the highest amplitude IP anomaly (greater than 40%FE) outlined by the test survey. Apparent resisitivity information is effective in delineating the contacts between unaltered homogeneous schist,

mineralized schist and marble. In future, down hole induced polarization surveys would probably assist in detecting sulfide concentrations in vein systems that are capped by marble and hence undetectable by surface techniques.

Drilling indicates that magnetic anomalies within the schist are related to pyrrhotite veins and/ or pyrrhotite quartz stockworks. In addition, disturbances in the magnetic patterns suggest the presence of a number of northwesterly trending shear zones, in part confirmed by drill holes LP85-2 and 88-20 - which may have had a control on gold mineralization.

The interpreted VLF electromagnetic conductors correlate well with the previously outlined MaxMin conductors, and in fact VLF surveys have outlined several additional conductors which sub-parallel the main MaxMin conductors. Most of these conductors have no magnetic correlation and are probably related to pyrite mineralization in the schist.

Soil profile sampling from the walls of Trench 88-1 indicate enhanced levels of arsenic in the soils, but low levels in bedrock mineralization, suggesting that the high level soil arsenic anomalies outlined by Cominco are to some extent glacially transported.

Bi:Au ratios may be useful to prioritize area for fill in drilling - i.e. vein sections which in wide spaced drilling gave Bi:Au ratios of between 40 and 90 should be close spaced drilled prior to vein sections with ratios outside the range.

RECOMMENDATIONS

A 1989 exploration program is recommended as follows:

1) Prepare an orthophoto and topographic base for the entire claim area;

2) Survey the balance of the property with an airborne HEM, and magnetometer survey, on 200 metre line spacing;

3) Follow up airborne anomalies by cutting further grid lines and completing ground magnetometer, horizontal loop and VLF electromagnetic surveys;

4) Tractor trench or backhoe along the vein structures wherever overburden conditions allow, and particularly north and south of Trench 88-2. Where possible, wash down bedrock to expose controlling structures and geology. Map at scale of 1:50 and channel sample. Run preliminary metallurgical tests on selected samples;

5) Re-analyze Cominco drill hole pulps for 32 elements by inductively coupled plasma techniques for all samples with gold geochemical results greater than or equal to 100 ppb. Add data to data base, and produce a plan map of bedrock Bi:Au ratios ;

6) Continue to drill off the immediate area of LP88-18, and 19 and Trench 88-2. Maximum step out of 50 metres. The use of NQ drill string is recommended to minimize deflection and to obtain a larger sample for assay;

7) Finish splitting and sampling of DDH LP88-20;

8) Continue drill testing, at 100 metre stepouts maximum, of defined magnetic-electromagnetic anomalies;

9) Drill test the VLF electromagnetic anomalies that have no magnetic signatures.

ESTIMATED COST OF RECOMMENDATION

Diamond drilling	
3000 metres @ $125 all inclusive	$375,000
Bulldozer/backhoe	
Trenching & drill site preparation	
350 hours @ $100	35,000
Transportation, vehicle rental, fuel, mobilization	25,000
Airborne Magnetic- VLF electromagnetic survey	50,000
Line cutting 30 hrs @ $350	10,500
Geophysical surveys (ground EM, mag)	25,000
Salaries	
Geologists 120 man days @ $300	36,000
Assistants 120 man days @ $200	24,000
Room and board 240 man days @ $45	10,800
Camp, rental, supplies	5,000
Assays	20,000
Orthophoto & topographic base map	8,000
	$624,300
Contingency	75,700
	$700,000

Respectfully submitted,

Douglas R. MacQuarrie
Geophysicist

Donald G. Allen
P.Eng.(B.C.)

J.Cam Stephen,
J.C. Stephen Explorations Ltd.

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APPENDIX I

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1JO

PHONE (604) 888-1323

Report for: Doug MacQuarrie,
Pacific Comox Resources,
704 - 850 West Hastings Street,
VANCOUVER, B.C., V6C

Invoice 7753
October 1988

Project: Tay-Lp

Samples: 9 samples: Series 3600: 04H, 05H, 08H, 010H, 013H, 014H, 016H (A & B), BQ-Core Side B

Summary:

The samples are mainly veins of quartz and pyrrhotite with locally abundant arsenopyrite, and minor to moderately abundant pyrite and chalcopyrite, minor bismuth and bismuth sulfide, and locally minor galena (with arsenopyrite).

Veins consist of an early stage of quartz, which was deformed moderately and recrystallized in part to much finer subgrain aggregates. It was replaced in irregular patches and in veinlets by sulfides. Some quartz intergrown with sulfides is undeformed, suggesting that it was recrystallized (or introduced) when sulfides were introduced.

Pyrrhotite is altered moderately to locally strongly to secondary pyrite-marcasite,m which locally is further altered to hematite.

Arsenopyrite is an early formed sulfide which was fractured and veined by pyrrhotite, galena, and bismuth.

Pyrite is surrounded by pyrrhotite in interstitial patches in arsenopyrite.

Chalcopyrite occurs in lenses and patches, mainly associated with pyrrhotite.

Bismuth and much less bismuthinite(?) and native gold occur in patches and veinlets, both associated with pyrrhotite and chalcopyrite, and as replacements of recrystallized quartz.

Tourmaline is abundant in some samples as replacement patches and veinlets, in part intergrown with pyrrhotite.

The host rock is dominated by extremely fine grained schist dominated by quartz and muscovite, with local coarser grained varieties. Tourmaline and ankerite is moderately abundant in some samples. Minor minerals include chlorite and sphene.

Scanning Electron Microprobe (S.E.M.) analyses were done on samples 360005H and 360014H. Minerals identified in the former include galena, bismuth, and greenockite (CdS). Minerals identified in the latter include native gold (with a low silver content (<5%), bismuth, tellurbismuth, bismuthinite, and a secondary bismuth mineral formed by alteration of bismuth. Bismuthinite consists of bismuth with lesser sulfur; it is much less anisotropic than suggested in the reference texts, but no other Bi-S mineral has been identified. The only element identified in the secondary Bi-mineral is bismuth.

(continued)

LIST OF PHOTOGRAPHS

Photographs were taken to illustrate textures of native gold and of bismuth minerals. Numbers refer to the number on the negative film and on the back of the prints. Length refers to length of the photo.

Number	Sample	Description
S	360004H	bismuth, partly altered to secondary Bi-mineral with pyrrhotite (altered partly to pyrite-marcasite) in quartz. Length 0.33 mm (328X)
1	360004H	bismuth with chalcopyrite in veinlike zone in quartz between two patches of pyrrhotite (on edges of photo). Length: 1.60 mm (80X)
2	360005H	veinlets of galena, pyrrhotite, bismuth in arsenopyrite. Length: 2.88 mm (45X)
3	360005H	patches of galena, pyrrhotite, bismuth in arsenopyrite; grain of greenockite in galena Length: 2.88 mm (45X)
4	360014H	patch of pyrrhotite, altered strongly to pyrite-marcasite, bismuth with minor tellurbismuth, bismuthinite, and secondary Bi mineral; native gold in quartz and on edge of pyrite-marcasite. Length: 0.33 mm (328X)
5	360014H	veinlets of pyrrhotite (pyrite/marcasite) and bismuth, with a trace of bismuthinite in quartz; Length: 0.33 mm (328X)
6	360014H	patches of bismuth-(native gold) in quartz; Length: 0.33 mm (328X)
7	360016H(A)	patch of native gold and bismuth in pyrrhotite, altered slightly to pyrite-marcasite Length: 0.33 mm (328X)
8	360013H	patch of bismuth-(native gold) and pyrrhotite with rim of pyrite-marcasite in quartz; Length: 0.33mm (328X)
9	360013H	patches of bismuth and pyrrhotite in quartz, tiny grain of intergrowth of native gold and secondary Bi-mineral(?); Length: 0.33 mm (328X)
10	360013H	patches of bismuth-(native gold) in quartz; Length: 0.33 mm (328X)

John G Payne

John G. Payne
604-986-2928

Abundance of Bi, Pb, Au, and Ag are compared between the sections and ICP analyses, and for gold, with geochemicasl results in Table 1.

Table 1. Comparison of Values of Bi, Pb, Au, and Ag (in ppm)

Sample No.	Bi		Pb		Au			Ag
	ICP	section	ICP	section	ICP	Geoch.	section	ICP
360004H	358	minor	89	-	7	4.9	trace	3.5
360005H	713	2000	3672	4300	5	1.62	-	120.7
360008H	722	1000	50	-	11	11.00	-	1.9
360010H	481	trace	16	-	10	6.6	trace	1.1
360013H	250	2000	11	-	-	3.47	trace	0.6
360014H	717	1000	21	-	10	11.0	trace	0.9
360016H	585	minor	7	-	7	8.7	trace	0.7

Values correlate moderately well, except for the high content of bismuth in the section for sample 360013H, and the absence of native gold in the section for sample 360008H..

Silver is concentrated with lead, but not in galena (S.E.M. analysis for Sample 360005H did not detect Ag in galena).

Arsenic values are less than 150 ppm in all samples except 360004H (333 ppm) and 360005H (over 10%).

BQ-Core: Side B **Quartz-Tourmaline-Muscovite-Pyrrhotite-(Chalcopyrite-Bismuth) Vein**

The sample is a very fine to medium grained quartz vein with patches and lenses with abundant tourmaline, and patches dominated by pyrrhotite. A few lenses consist of tourmaline-muscovite. The rock contains patches of extremely fine grained quartz, which may represent altered host rock. It is cut by late veinlets of carbonate and pyrite-marcasite.

host rock	3- 5%
quartz	55-60
tourmaline	10-12
pyrrhotite	7- 8
muscovite	1- 2
chalcopyrite	minor
bismuth	trace
veinlets	
carbonate	0.5
pyrite-marcasite	0.1

Quartz forms medium to very coarse grains which were deformed moderately to strongly, and recrystallized in part to extremely fine subgrain aggregates.

Tourmaline is concentrated in seams of extremely fine grained, subparallel aggregates, and lesser lenses and patches of subhedral to euhedral, prismatic to acicular grains averaging 0.1-0.2 mm in length. Bordering lenses of the first type are disseminated subhedral to euhedral prismatic to acicular tourmaline grains. In the tourmaline-muscovite-rich layer, tourmaline forms prismatic grains up to 0.7 mm in size, intimately intergrown with lenses rich in muscovite. Pleochroism is from very pale to light to medium brownish green.

Muscovite is concentrated in one layer as subparallel flakes averaging 0.2-0.5 mm in length. Both muscovite and tourmaline in this band are warped moderately.

Ti-oxide forms a few elongate patches up to 0.12 mm long, in part intergrown with pyrrhotite.

Pyrrhotite forms anhedral patches averaging 0.2-1 mm in size. Generally it is altered on borders of patches to secondary pyrite/marcasite. In several bands it is intergrown intimately with tourmaline and less commonly with muscovite.

Chalcopyrite forms grains averaging 0.1-0.3 mm in size, commonly associated with pyrrhotite patches.

Bismuth forms local concentrations of anhedral grains averaging 0.03-0.1 mm in size. It is enclosed in very fine grained quartz and locally in pyrrhotite.

Ankerite and locally pyrite/marcasite form wispy, in part braided veinlets averaging 0.01-0.03 mm in width.

360004H **Muscovite-Rich Patches of Host Rock; Deformed Quartz Vein; Replacement Quartz-Pyrrhotite-(Chalcopyrite) Vein**

The sample contains minor muscovite-rich seams enclosed in a medium to coarse grained quartz vein. The vein was deformed and partly recrystallized, and replaced in part by irregular, commonly interstitial patches of pyrrhotite, locally abundant chalcopyrite, and a trace of bismuth.

host rock	
muscovite	4- 5%
quartz	1- 2
vein	
quartz	72-77
pyrrhotite	17-20
chalcopyrite	1
tourmaline	minor
bismuth	minor
secondary Bi-mineral	trace
native gold	trace
veinlets	
ankerite	0.2

Muscovite is concentrated strongly in a few seams up to 0.5 mm wide, and patches up to a few mm across in which it forms very fine to fine grained flakes in subparallel to subradiating aggregates. In the patches it is intergrown with very fine grained quartz.

In the vein, quartz forms anhedral aggregates of medium to very coarse grains. These are deformed and recrystallized moderately to locally strongly, and recrystallized moderately to extremely fine grained subgrain aggregates, mainly away from pyrrhotite-rich patches.

Tourmaline forms scattered grains and clusters of a few grains averaging 0.07-0.12 mm in length. Pleochroism is from nearly colorless to light brownish green.

Pyrrhotite forms anhedral patches up to several mm across of fine to coarse grained aggregates. It is altered on borders of patches and fractures to dusty pyrite/marcasite.

Chalcopyrite is concentrated in a vein-like patch 2 mm long and 0.5 mm wide between two larger pyrrhotite patches. Associated with chalcopyrite is moderately abundant pyrrhotite and a few patches of bismuth up to 0.1 mm across (Photo 1).

Bismuth also forms anhedral grains averaging 0.03-0.08 mm in size in a variety of textures: in pyrrhotite and chalcopyrite patches, in quartz near pyrrhotite patches, in patches of muscovite, and in wispy fractures in quartz well away from pyrrhotite. One grain of bismuth 0.05 mm across in pyrrhotite is intergrown with lenses of a secondary Bi-mineral (Photo S). An adjacent grain of bismuth of the same size is fresh.

Native gold forms a few grains up to 0.005 mm in size on borders of bismuth patches and in quartz near bismuth patches.

Ankerite forms a few late veinlets up to 0.05 mm in width.

360005H **Massive Sulfide: Arsenopyrite-Pyrrhotite-Pyrite with Veinlets of Pyrrhotite-Galena-Bismuth; Host Rock: Quartz-Muscovite-(Tourmaline) Schist**

Arsenopyrite forms massive anhedral aggregates with interstitial patches of pyrrhotite-pyrite, and veinlets of pyrrhotite-galena-bismuth-(greenockite CdS). The host rock is a very fine grained patchy, moderately foliated schist composed of quartz and muscovite, with patches of tourmaline mainly near the border of the sulfide patch.

host rock			
quartz		5- 7%	
muscovite		3- 4	
tourmaline		1	
vein			
arsenopyrite	*	50-55	* composition confirmed
pyrrhotite	*	15-17	by S.E.M. analysis
pyrite		3- 4	
galena	*	0.5	
bismuth	*	0.2	
greenockite	*	trace	

The host rock is a fine to very fine grained schist dominated by quartz and muscovite, with muscovite concentrated in bands parallel to foliation. Tourmaline forms clusters up to 0.3 mm in size of very fine to fine, anhedral grains on the border of the sulfide patch, and disseminated anhedral to subhedral prismatic grains up to 0.1 mm in size associated with muscovite.

Arsenopyrite forms a massive aggregate of anhedral grains averaging 1-3 mm in size. It contains interstitial patches of pyrrhotite-pyrite and is cut by wispy to coarse fractures filled with other sulfides and bismuth.

Pyrrhotite forms interstitial patches up to a few mm across of very fine to fine grained aggregates. These are altered strongly to secondary pyrite/marcasite, which is further altered partly to iron oxides.

Pyrite forms disseminated, subhedral grains averaging 0.3-0.8 mm in size, with a few up to 2 mm across, mainly surrounded by pyrrhotite.

Patches averaging 0.1-0.3 mm in size and veinlets averaging 0.02-0.07 mm wide consist of galena, pyrrhotite, and bismuth grains averaging 0.03-0.1 mm in size (Photo 2, 3). Galena has an unusual texture and weak anisotropism. Pyrrhotite generally is altered strongly to pyrite-marcasite. One patch of galena contains an inclusion 0.02 mm across of greenockite.

360008H **Pyrrhotite-Quartz-(Chalcopyrite) Replacement of Quartz-(Muscovite) Schist**

The rock is a very fine grained schist dominated by quartz with lesser muscovite and ankerite, and minor chlorite, sphene, and tourmaline. The rock was replaced strongly by fine grained intergrowths of pyrrhotite and quartz, with minor chalcopyrite and bismuth associated with pyrrhotite.

host rock	
quartz	35-40%
muscovite	8-10
ankerite	3- 4
sphene	0.3
chlorite	0.1
tourmaline	0.1
apatite	trace
replacement vein	
quartz	20-25
pyrrhotite	20-25
chalcopyrite	1
bismuth	minor

The rock is a very fine to fine grained schist dominated by quartz with lesser muscovite and ankerite, both of which commonly are concentrated in seams and patches.

Ankerite forms irregular patches up to 1 mm in size of extremely fine to very fine grained aggregates.

Sphene forms disseminated, equant, subhedral to anhedral grains averaging 0.07-0.15 mm in size. Chlorite forms scattered patches of very fine grained aggregates intergrown with muscovite. Tourmaline forms scattered subhedral to euhedral prismatic grains up to 0.2 mm in length; pleochroism is from colorless to light brownish green. Apatite forms equant grains averaging 0.05 mm in size.

Quartz forms fine to coarse grained aggregates in irregular patches. Generally coarser grained patches are deformed moderately to strongly and recrystallized moderately to extremely fine to very fine subgrain aggregates. Finer grains intergrown with pyrrhotite generally are less strongly deformed.

Pyrrhotite forms patches up to 1.5 mm in size of very fine to fine grained aggregates. It is altered moderately to strongly on borders of patches to secondary pyrite/marcasite.

Chalcopyrite forms a few irregular patches up to 1 mm in size, in part intergrown with or on the borders of patches of pyrrhotite. Chalcopyrite also forms scattered patches averaging 0.03-0.08 mm in size associated with pyrrhotite.

Associated with larger chalcopyrite patches are moderately abundant grains averaging 0.02-0.08 mm in size of bismuth. Bismuth also forms scattered grains from 0.02-0.03 mm in size associated with muscovite in the host rock near patches of chalcopyrite.

360010H **Quartz-Muscovite Schist with Biotite Phenocrysts; Replaced By Quartz-Pyrrhotite- (Chalcopyrite) Vein with Trace Bismuth, Bismuthinite and Native Gold**

The rock contains a few phenocrysts of altered biotite in a very fine to fine grained groundmass dominated by quartz and muscovite, with minor chlorite, ankerite and sphene and a trace of tourmaline. It contains disseminated replacement patches of pyrrhotite, and a coarser grained replacement vein of quartz-pyrrhotite with minor patches of chalcopyrite and a trace of bismuth with local patches of bismuthinite and of native gold.

host rock	
biotite phenocrysts	2- 3%
quartz	50-55
muscovite	12-15
pyrrhotite	4- 5
chlorite	1- 2
ankerite	0.5
sphene	0.2
tourmaline	trace
vein	
quartz	20-25
pyrrhotite	3- 4
chalcopyrite	0.3
bismuth	trace
bismuthinite	trace
native gold	trace

The rock contains a few phenocrysts of biotite up to 1.5 mm in size; these are altered completely to pseudomorphic muscovite with disseminated grains and lenses of sphene.

The groundmass is a very fine grained aggregate of quartz and muscovite. The latter is concentrated in seams and patches up to 0.5 mm wide and 1 mm across respectively. Tourmaline forms a few acicular grains up to 0.3 mm long and stubby prismatic grains averaging 0.05-0.1 mm long, mainly associated with muscovite. Pleochroism is form colorless to pale or light green. Pyrrhotite forms disseminated, very fine grained, replacement patches ranging widely in size (up to 1 mm across). Pyrrhotite is altered moderately to strongly to secondary pyrite-marcasite, mainly along borders of patches. Chlorite forms a few patches up to 0.3 mm in size of very fine grains. Ankerite forms irregular patches up to 0.5 mm in size of very fine grained aggregates, commonly stained orange-brown by limonite. Sphene forms disseminated, subhedral to euhedral grains averaging 0.05-0.1 mm in size.

The vein is of replacement origin. Quartz forms medium to coarse grained aggregates, which are deformed moderately and recrystallized slightly to moderately to extremely fine subgrain aggregates. Pyrrhotite forms anhedral, very fine grained patches up to a few mm in size interstitial to quartz. Chalcopyrite forms a few patches averaging 0.07-0.15 mm in size, with a few up to 0.5 mm across intergrown with pyrrhotite. Bismuth forms scattered, anhedral grains averaging 0.03-0.07 mm in size in quartz near pyrrhotite. A few of these contain patches of bismuthinite averaging 0.02-0.05 mm in size. One patch contains a grain of native gold 0.008 mm across.

360013H **Deformed Quartz Vein; Replacement Patches of Pyrrhotite-Ankerite-(Chalcopyrite-Bismuth-Bismuthinite Native Gold)**

The rock is a medium to coarse grained quartz vein which was deformed and replaced by patches of pyrrhotite with much less chalcopyrite, tourmaline, and ankerite, with moderately abundant bismuth and a trace of bismuthinite and native gold associated with bismuth.

quartz	50-55%
pyrrhotite	40-45
ankerite	1- 2
tourmaline	1- 2
chalcopyrite	0.5
bismuth	0.2
bismuthinite	trace
native gold	trace

Quartz forms medium to coarse grained aggregates. Patches are deformed moderately to strongly and recrystallized slightly to moderately to extremely fine subgrain aggregates. Dusty to extremely fine grained inclusions are common. Quartz grains included in pyrrhotite patches generally are much less deformed, suggesting that they were recrystallized when sulfide replacement occurred.

Tourmaline forms a few clusters of subhedral prismatic grains up to 0.7 mm in size, associated with patches of pyrrhotite. In quartz near pyrrhotite patches are local concentrations of acicular tourmaline grains up to 0.5 mm in length in subparallel to random orientation; most larger grains are segmented. A few irregular to subhedral prismatic grains up to 0.5 mm in length are included in pyrrhotite patches. Pleochroism is from colorless to light/medium brownish green.

Ankerite is concentrated at one end of the section in a very fine grained patch up to 3 mm across intergrown coarsely with pyrrhotite and locally with very fine grained quartz. Elsewhere it forms irregular patches and veinlets associated with pyrrhotite or in quartz; a few of these are stained orange by limonite.

Pyrrhotite forms anhedral patches of medium to coarse grains which are altered moderately on grain borders and fractures to dusty secondary pyrite-marcasite, with a few veinlets of extremely fine grained secondary pyrite-marcasite in cores of fractures.

Chalcopyrite occurs mainly in irregular veinlets from 0.1-0.5 mm wide at one side of the section, in which it forms very fine to fine grained aggregates intergrown with lesser pyrrhotite and minor bismuth. It also forms a few grains up to 0.1 mm in size intergrown with pyrrhotite, and a few irregular patches up to 0.5 mm in size in quartz.

Bismuth forms anhedral, subrounded patches averaging 0.03-0.1 mm in size in seams in recrystallized quartz, within quartz grains near pyrrhotite patches, and locally on borders of pyrrhotite patches. In the chalcopyrite-pyrrhotite-(bismuth) veinlets, bismuth forms grains up to 0.2 mm long.

A few patches of bismuth contain minor bismuthinite and a trace of native gold, the last in grains up to 0.01 mm in size (Photo 8, Photo 10). One patch on the border of pyrrhotite consists of an intergrowth of native gold and a secondary Bi-mineral near larger grains of bismuth (Photo 9).

360014H **Deformed Quartz Vein, with Patches and Seams of Pyrrhotite-(Chalcopyrite) and Minor Seams and Patches of Bismuth-(Bismuthinite-Tellurbismuth-Secondary Bi-mineral and Native Gold)**

The vein consists of coarse grained quartz which was deformed moderately to strongly and partly recrystallized. Larger replacement patches and seams are of pyrrhotite-(chalcopyrite), and much smaller ones are of bismuth with much less bismuthinite(?), tellurbismuth, a secondary Bi-mineral and native gold. These patches are associated mainly with deformed and recrystallized zones in quartz.

quartz		80-85%		
pyrrhotite		15-17		
chalcopyrite		0.2		
ankerite		0.1		
bismuth	*	0.1	*	identified by S.E.M.
bismuthinite	*	minor		analysis
tellurbismuth	*	trace		
2ndary Bi mineral	*	trace		
native gold	*	trace		

Quartz is deformed moderately to strongly and recrystallized along grain borders and in irregular patches to extremely fine grained aggregates.

Ankerite forms a few patches up to 1 mm across of very fine grained aggregates.

Pyrrhotite forms aggregates up to a few mm across of medium to coarse grains. These are replaced along grain borders and coarser fractures by extremely fine grained secondary pyrite/marcasite, with slightly coarser grains in cores of some fractures. Veinlets in cores of a few fractures consist of hematite.

Chalcopyrite forms a few patches 0.7 mm across and a few grains up to 0.15 mm in size on borders of pyrrhotite patches.

Bismuth and much less bismuthinite occur together in patches up to 0.05 mm in size as extremely fine grained aggregates. Several wispy veinlets up to 0.015 mm in width and a few concentrations of disseminated grains averaging 0.01-0.05 mm in size consist of native bismuth and lesser bismuthinite, commonly associated with pyrrhotite (Photo 5), and locally with a trace of native gold (Photo 6). The latter photo also shows minor secondary Bi-mineral intergrown intimately with bismuth and locally with bismuthinite. Veinlets are concentrated along grain borders of coarse quartz grains, in part associated with extremely fine grained recrystallized quartz.

Native gold occurs as a few grains from 0.005-0.01 mm in size bordering pyrrhotite and in quartz, both near a patch 0.12 mm across of bismuth with minor bismuthinite, tellurbismuth, and a secondary Bi-mineral (Photo 4).

360016H (A) **Quartz Vein, Deformed and Replaced by Pyrrhotite-(Chalcopyrite) with patches and late veinlets of Ankerite; Minor Tourmaline and trace Bismuth and Native Gold**

The rock contains patches of medium to coarse grained quartz which was deformed and recrystallized moderately, and replaced by massive pyrrhotite-(chalcopyrite). Ankerite forms patches associated with sulfides, and late veinlets cutting sulfides. Tourmaline and bismuth are minor minerals on and near borders of quartz and pyrrhotite. Native gold and bismuth form a patch in pyrrhotite.

quartz	25-30%
pyrrhotite	60-65
chalcopyrite	1- 2
ankerite	2- 3
tourmaline	0.2
bismuth	minor
bismuthinite	trace
native gold	trace

Quartz forms medium to coarse grained aggregates in irregular to subrounded patches. It is deformed moderately and recrystallized moderately to very fine to fine, subgrain aggregates with slightly disoriented extinction.

Pyrrhotite forms patches of medium to coarse grains. These are altered along grain borders to aggregates of dusty secondary pyrite/marcasite, with extremely fine grained trains of pyrite/marcasite along center-lines of alteration zones.

Chalcopyrite forms scattered grains averaging 0.2-0.5 mm in size on borders of pyrrhotite patches, and scattered grains averaging 0.05-0.1 mm in size within pyrrhotite patches.

Ankerite forms patches up to 1 mm in size of very fine grained aggregates on borders of pyrrhotite patches against quartz, and a few veinlets up to 0.1 mm wide along zones of deformed quartz.

Tourmaline forms a few disseminated clusters of acicular to prismatic grains up to 0.15 mm in size in quartz, and a few stubby prismatic grains up to 0.15 mm in length on borders of pyrrhotite patches and within a few ankerite patches. Pleochroism is from colorless to light brownish green.

Bismuth forms scattered grains and concentrations of a few grains averaging 0.02-0.05 mm in size, with a few up to 0.15 mm in size. Bismuth is disseminated in quartz near pyrrhotite patches. A few patches on the border of pyrrhotite consist of intimate intergrowths of bismuth and bismuthinite, with textures suggesting an exsolution origin.

Native gold forms a grain 0.008 mm across associated with a similar grain of bismuth enclosed in pyrrhotite (Photo 7).

360016H (B) **Deformed Quartz Vein with Seam of Tourmaline-Pyrrhotite-Quartz; Patches of Pyrrhotite in Quartz; Trace Bismuth**

The sample is a medium to coarse grained quartz vein which was deformed moderately and replaced along an irregular seam by tourmaline-pyrrhotite, and in irregular patches by pyrrhotite.

quartz	70-75%
tourmaline	15-20
pyrrhotite	7- 8
chalcopyrite	0.2
bismuth	trace

Quartz forms coarse to very coarse grained aggregates which are deformed slightly to moderately and recrystallized slightly, mainly along grain borders to much finer subgrain aggregates. Quartz commonly contains dense to open, irregular clusters of acicular tourmaline grains averaging 0.03-0.1 mm in length. These grade into patches up to 0.5 mm in size of ragged prismatic to acicular tourmaline aggregates. Many of the latter occur along borders of larger quartz grains, and may have formed after deformation of quartz. Quartz also contains abundant dusty to extremely fine grained inclusions.

An irregular band averaging 0.3-0.8 mm in width is dominated by extremely fine to locally medium grained tourmaline, with interstitial patches of pyrrhotite and of quartz. Tourmaline forms scattered subhedral to euhedral prismatic grains averaging 0.2-1 mm in length, with a few up to 1.7 mm long. Some are bent and slightly broken, and many show irregular to concentric growth color zoning. Pleochroism is from nearly colorless to light to medium greenish brown. Finer grained acicular to prismatic tourmaline forms a network of overlapping grains with interstitial fine to medium grained quartz. Other patches contain extremely fine grained tourmaline grains surrounded by abundant interstitial pyrrhotite, with a few patches up to 0.3 mm across containing interstitial chalcopyrite rather than pyrrhotite. A few anhedral grains of pyrrhotite are up to 1.2 mm in size, and a few of chalcopyrite are up to 0.17 mm in size. Pyrrhotite is altered moderately along grain borders to secondary pyrite-marcasite; thus much of the interstitial pyrrhotite is altered in this manner.

The tourmaline-pyrrhotite-quartz lens is cut by a veinlet of hematite 0.05 mm wide.

Pyrrhotite forms a few irregular patches up to a few mm across in quartz away from the tourmaline-pyrrhotite-quartz lens. Pyrrhotite in these is altered moderately to dusty pyrite-marcasite a;long grain borders and fractures, with a few extremely fine grained seams of pyrite-marcasite along center-lines of fractures. Chalcopyrite forms a few grains averaging 0.03-0.05 mm in size with these pyrrhotite patches.

Bismuth forms a few grains averaging 0.02-0.06 mm in size in irregular seams of recrystallized quartz near the largest patch of pyrrhotite.

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY B.C.
VOX 1JO

PHONE (604) 888-1323

Report for: Douglas MacQuarrie,
Pacific Comox Resources,
704-850 West Hastings St.,
Vancouver, B.C.
V6C 1E1

Invoice 7872

January 9th, 1989

Samples:

6 mineralized core samples for polished thin sectioning and petrographic examination.

Samples are numbered as follows:

88 LP-19	56.00m.
88 LP-19	94.55m.
88 LP-19	98.70m.
88 LP-19	101.20m.
88 LP-19	102.70m.
88 LP-19	109.45m.

Summary:

All of these samples appear to be vein material composed essentially of quartz, tourmaline and pyrrhotite, in various proportions.

The sample from 56.0m. is composed almost entirely of an aggregate of tourmaline, cemented by pyrrhotite via grain boundaries and microfractures. Tourmaline is also relatively abundant in the sample from 109.45m.

The remaining four samples are essentially quartz-pyrrhotite rocks, with pyrrhotite making up 20 - 95%. Accessory sulfides are confined to rare traces of chalcopyrite. The pyrrhotite typically shows a tracery of hairline veinlets and grain boundary replacements of secondary pyrite, representing incipient alteration.

No optically detectable gold could be found in any of the samples; the distinct difference in analyzed Au levels between the samples from 101.2m. and 102.7m. (7000 - 8000ppb) vs those from 94-55m. and 98.7m. (500ppb) is thus unexplained by the present study. It cannot

necessarily be assumed that this difference in Au levels actually applies to the small portions represented in the thin sections. Chemical analyses of the corresponding cut-off pieces would clarify this point.

The only systematic differences between the assumed high Au and low Au pairs are a higher total pyrrhotite content in the former. The former two samples also show a component of marcasite in the alteration veinlets which is lacking in the other two - but this is unlikely to be related to their Au content.

Sample 107.7m. contains traces of native bismuth.

The enclosed photomicrographs illustrate some features of the higher Au samples. Subject matter is as follows:

Neg. 143-0: Sample LP 19-102.7m. Scale 1cm = 85 microns.
Shows pockets of native Bi (lighter) in pyrrhotite. Speckled black areas are inclusions of fine-grained tourmaline in the massive pyrrhotite.

Neg. 143-2: Sample LP 19-102.7m. Scale 1cm = 85 microns.
Shows veinlets of secondary pyrite (cream colour) traversing massive pyrrhotite (buff). Dark grey associated with the pyrite is carbonate. Note envelopes of brownish colloform marcasite marginal to the pyrite.

Individual petrographic descriptions are attached.

J.F. Harris Ph.D.

(929-5867)

SAMPLE 88LP-19 56.0m. TOURMALINITE WITH PYRRHOTITE

Estimated mode

Tourmaline	84
Carbonate	trace
Quartz	1
Pyrrhotite	15
Pyrite	trace
Chalcopyrite	trace

This rock consists predominantly of a varigranular aggregate of tourmaline. This is zoned and pleochroic from colourless to light brown in thin section. It ranges from 0.02 - 2.0mm in grain size, and occurs as elongate prismatic crystals, often in parallel intergrowth.

A general parallelism of elongation is recognizable throughout the aggregate, though there are local disruptions and areas of apparent granulation. Occasional patches are seen in which fine-grained tourmaline is cemented by carbonate. Quartz is present as areas of interstitial cement, and as scattered, diffuse pockets and discontinuous veniform bodies enclosing acicular tourmaline needles.

The tourmaline aggregate is intimately permeated intergranularly, and via cleavages and microfractures, by pyrrhotite. This ranges from minutely interstitial fillings and hairline networks, on the scale of 5 - 20 microns, to relatively coarse patches, of several mm in size, which form a matrix to swarms of vari-sized tourmaline crystals.

The pyrrhotite is notably fresh except for a very minor tracery of secondary pyrite flecks and threads. Chalcopyrite is a trace accessory in the coarser pyrrhotite segregations as rare, tiny patches, 0.05 - 0.3mm in size.

Discrete veinlets of pyrrhotite, sometimes with fine-grained carbonate and clumps of microgranular quartz can sometimes be distinguished but, for the most part, the pyrrhotite appears simply to cement a loose aggregate of tourmaline. The two components are probably not far separated in time of deposition.

SAMPLE 88LP-19 94.55m. QUARTZ-PYRRHOTITE VEIN

Estimated mode

Quartz	65
Sericite	trace
Carbonate	1
Tourmaline	trace
Pyrrhotite	32
Pyrite	2
Chalcopyrite	trace

This sample is a simple intergrowth of pyrrhotite and quartzose gangue of apparent vein-type.

The quartz is a varigranular anhedral aggregate, of grain size 0.05 - 5.0mm. It commonly shows more or less strong shadowy strain polarization, and has patches of apparent microgranulation. It contains two-phase fluid inclusions up to 25 microns in size.

The pyrrhotite forms coarse, coalescent patches, up to 10mm in size, and grades to finer clumps and networks of grain size down to 0.1mm.

It is homogenous and generally fresh except for a random tracery of hairline veinlets, 5 - 25 microns in thickness, representing incipient alteration to secondary pyrite (partly along grain boundaries) associated with threads of carbonate. The carbonate threads are also seen following pyrrhotite/quartz contacts, and are developed to a minor degree as in intergranular phase within the quartz aggregate.

Rare traces of sericite and tourmaline are seen in similar mode to the carbonate.

Vary rare flecks of chalcopyrite occur within the pyrrhotite, but no gold was seen.

SAMPLE 88LP-19 98.7m. QUARTZ-PYRRHOTITE VEIN

Estimated mode

Quartz	80
Tourmaline	trace
Carbonate	trace
Sericite	trace
Pyrrhotite	19
Pyrite	1
Chalcopyrite	trace

This sample is essentially identical to the previous one (94.55m.), but has somewhat less abundant sulfides.

It consists of a vari-granular aggregate of more or less strongly strained and locally sheared/microgranulated quartz, with pockety impregnations and intergranular networks of pyrrhotite, in the size range 0.05 - 5.0mm.

As in the previous sample, the pyrrhotite is fresh but for a delicate tracery of micron-sized veinlets of alteration to secondary pyrite associated with carbonate. Rarely this secondary pyrite forms small segregations up to 0.1mm in size.

Accessory chalcopyrite - as random small patches to 0.2mm in the pyrrhotite (usually at its contact with the quartz matrix), is somewhat commoner than in the previous sample.

The same is true of tourmaline, which forms local fibrous/acicular streaks associated with fine-grained pyrrhotite networks and the margins of coarser pyrrhotite segregations.

SAMPLE 88LP-19 101.2m. PYRRHOTITE-QUARTZ VEIN

Estimated mode

Quartz	30
Carbonate	1
Pyrrhotite	64
Secondary pyrite	3
Marcasite	2
Chalcopyrite	trace

This is another sample of similar general type to the previous two. It differs only in terms of showing a higher ratio of pyrrhotite to quartz.

The quartz has a grain size of 0.2 - 6.0mm, is an anhedral, strain-polarized aggregate showing occasional microgranulation and incipient recrystallization.

The pyrrhotite forms coarse pockets, grading to finer intergranular permeations of the quartz gangue. The coarse masses show an anhedral aggregate grain structure on the scale 0.5 - 3.0mm.

The pyrrhotite is homogenous and fresh but for the development of rather abundant secondary pyrite and colloform marcasite, as veinlets 5 - 50 microns in thickness, formed adjacent to a network of cross-cutting, carbonate threads. The latter also cut the quartz gangue.

Chalcopyrite occurs as occasional small pockets at the peripheries of the pyrrhotite masses, and as rare, tiny, discontinuous veinlets and threads in the body of the pyrrhotite.

Despite intensive search under high magnification, no gold was found in either the pyrrhotite or the quartz. The only apparent difference between this sample (from an interval assaying around 8000 ppb Au) and the previous ones (from an interval assaying 500 ppb) is a higher proportion of sulfides.

SAMPLE 88LP-19 102.7m. MASSIVE PYRRHOTITE

Estimated mode

Quartz	1
Tourmaline	2
Carbonate	2
Pyrrhotite	85
Secondary pyrite	5
Marcasite	5
Chalcopyrite	trace
Native Bi	trace

This sample consists essentially of compact, well-polished, non-magnetic pyrrhotite. Cross-polarized light observations show that this is an equigranular, sub-polygonal to elongate aggregate, of grain size 0.1 - 0.3mm.

The pyrrhotite contains occasional small included grains and pockets of quartz and of fibrous/acicular tourmaline (the latter sometimes showing intimate permeation by the pyrrhotite matrix).

The pyrrhotite is traversed by a network of abundant hairline microfractures and intergranular fillings, partly cemented by carbonate. These are the loci for development of threads and rare pockets of secondary pyrite, commonly mantled by colloform envelopes of radiate marcasite.

Chalcopyrite is a trace accessory, as in the other samples, forming sporadic discrete patches within the pyrrhotite.

No gold was found, even after a detailed search at high magnification. A single clump of grains, 25 - 250 microns in size, of a soft, bright, creamy-white mineral having the appearance of a telluride was seen. However, SEM microanalysis shows that this is native bismuth.

SAMPLE 88LP-19 109.45m. QUARTZ-TOURMALINE-PYRRHOTITE VEIN

Estimated mode

Quartz	64
Tourmaline	15
Sericite	3
Rutile	trace
Pyrrhotite	17
Secondary pyrite	1
Chalcopyrite	trace

This sample is intermediate in type between those from 56.0m. and 98.7m. It contains pockety/network permeations of pyrrhotite in similar proportion to those samples, but the gangue is an intergrowth of quartz and rather abundant accessory tourmaline.

The quartz matrix is a strained, varigranular, anhedral aggregate showing grain sizes ranging from 0.02 - 2.0mm.

It contains abundant tourmaline as prismatic grains from 0.3mm down to minute acicular needles. In part, fine-grained tourmaline forms irregular felted pockets; elsewhere, prismatic grains occur in locally oriented swarms, or as sporadic disseminated grains; and occasionally tourmaline euhedra are associated with sinuous schlieren of sericite. The overall fabric is distinctly heterogenous, and suggests development under conditions of cataclasis.

Pyrrhotite occurs as irregular, partially coalescent pockets and network zones of intimate veining and intergranular cementation of quartz and tourmaline. Some of the pyrrhotite pockets are packed with numerous, relatively coarse, prismatic tourmaline crystals.

Small, elongate grains of rutile are a trace constituent not seen in other samples of the suite.

The pyrrhotite shows a similar feature to that in the other samples, in the form of a tracery of threadlike veinlets of secondary pyrite. In this case the associated non-sulfide component in these appears to be tourmaline rather than carbonate. The secondary pyrite is also often developed as thin rims to tourmaline crystals included within the pyrrhotite.

The paragenetic relations in this sample appear complex. The pyrrhotite, in part, veins and cements, and is later than, quartz and tourmaline, but tourmaline (as clumps of euhedral grains in pyrrhotite) may also be partly contemporaneous with pyrrhotite, or (as hairline veinlets within it) later than the sulfide. The secondary pyrite is clearly a subsequent alteration of pre-existing pyrrhotite. The pyrrhotite, quartz and tourmaline are best viewed as a concomittent, tri-component mineralizing assemblage.

No gold was seen in this sample.

APPENDIX II

TAY-LP DATABASE

LEGEND- SYMBOLS

Type : Boulder
Drillcore
Outcrop

Lithology: Felsite, Granite, K-skarn, Limestone, Marble, Other, Quartz, Schist, Vein, Y-syenite, Z-qtz. monzonite

Qtz: Quartz	Po: Pyrrhotite	Py: Pyrite
Cpy: Chalcopyrite	AsPy: Arsenopyrite	Sphl: Sphalerite
Tour: Tourmaline	Marc: Marcasite	Bio : Biotite
Chlor: Chlorite	Musc: Muscovite	Calc: Calcite

Au: Gold	Bi: Bismuth	Cu: Copper	As: Arsenopyrite
Pb: Lead	Zn: Zinc	W : Tungsten	Fe: Iron

Magnetic : (High, Medium, Low, Non)
Conductive : (Strong, Medium, Weak, Non)

Record#	TYPE	NUMBER	COMINCO	LITHO	QTZ	PO	PY	CPY	ASPY	SPHL	TOUR	MARC	BIO	CHLOR	MUSC	CALCITE	AU_PPB	BI_PPM	CU_PPM	AS_PPM	PB_PPM	ZN_PPM	W_PPM	FE_PRCNT	MAGNETIC	CONDUCTV	BIDIVIDEAU
1	B	A	R85-9540	Y	Y	Y											10	7.00	264.00	207.00	23.00	27.00	5.00	6.29			700
2	B	B	R85-9541	V	Y	V		Y									6400	1619.00	537.00	17.00	44.00	24.00	1.00	14.49			253
3	B	F	R85-9542	S	Y												10	18.00	75.00	1.00	4.00	12.00	2.00	2.13			1800
4	B	I	R85-9543	M		Y											10	2.00	12.00	2.00	4.00	5.00	1.00	3.52			200
5	B	J	R85-9544	V	Y	Y											5640	304.00	101.00	32.00	38.00	24.00	71.00	18.21			54
6	B	M	R85-9545	V	Y	Y											552	54.00	38.00	104159.00	13263.00	4411.00	48.00	9.08			98
7	B	O	R85-9546	V	Y	Y											1712	5.00	902.00	6155.00	1472.00	51.00	11.00	29.98			3
8	B	Q	R85-9547	V	Y	Y		Y									1448	135.00	338.00	64.00	81.00	11.00	2.00	7.19			93
9	B	T	R85-9548	S	Y									Y			520	36.00	168.00	37.00	24.00	19.00	24.00	3.92			69
10	B	V	R85-9549	V	Y	Y		Y									9200	676.00	94.00	24.00	28.00	2.00	445.00	12.16			74
11	B	X	R85-9550	O		Y											10	2.00	44.00	21.00	19.00	18.00	11.00	1.14			200
12	B	Z	R85-9551	V	Y	Y		Y									4140	389.00	456.00	11.00	14.00	14.00	5.00	5.71			94
13	B	Z1	R85-9552	Y			Y										10	2.00	98.00	17.00	3.00	12.00	1.00	2.93			200
14	B	Z2	R85-9553	V	Y	Y		Y									3500	494.00	582.00	7.00	16.00	13.00	1.00	6.71			141
15	B	Z5	R85-9554	S	Y	Y							Y				10	2.00	39.00	17.00	8.00	96.00	6.00	2.79			200
16	B	Z7	R85-9555	S	Y	Y							Y				1740	114.00	283.00	8.00	103.00	1.00	1.00	6.89			66
17	B	Z9	R85-9556	S	Y	Y											1508	143.00	96.00	9.00	7.00	9.00	1.00	7.91			95
18	B	Z10	R85-9557	S	Y	V								Y			4310	472.00	714.00	54.00	39.00	27.00	26.00	15.52			119
19	B	Z13	R85-9558	V	Y						Y						24	32.00	15.00	252.00	106.00	19.00	1.00	1.34			1333
20	B	Z15	R85-9559	V	Y	Y		Y									2940	574.00	1543.00	35.00	31.00	24.00	1.00	16.23			195
21	B	Z16	R85-9560	V	Y		Y							Y			10	2.00	37.00	3.00	4.00	6.00	1.00	1.40			200
22	B	Z19	R85-9561	S	Y	Y							Y				10	13.00	21.00	2.00	37.00	15.00	1.00	5.36			1300
23	B	Z21	R85-9562	V	Y		Y				Y						10	2.00	28.00	12.00	25.00	5.00	1.00	0.90			200
24	B	Z23	R85-9563	S	Y	Y							Y				7960	429.00	481.00	8.00	16.00	11.00	7.00	7.97			54
25	B	Z25	R85-9564	V	Y	Y											4080	309.00	379.00	24.00	17.00	1.00	1.00	8.47			76
26	B	Z27	R85-9565	V	Y	Y		Y			Y						500	43.00	402.00	18.00	23.00	11.00	5.00	8.20			86
27	B	Z28	R85-9566	V	Y	Y											400	2782.00	334.00	2563.00	4319.00	165.00	1.00	14.28			6955
28	B	Z31	R85-9567	S	Y	Y		Y					Y				2040	178.00	828.00	42.00	49.00	25.00	104.00	14.86			97
29	B	Z33	R85-9568	S	Y	Y							Y		Y		316	35.00	1.00	32.00	26.00	31.00	11.00	4.78			111
30	B	Z35	R85-9569	V	V	Y					V						3680	77.00	31.00	19.00	31.00	1.00	1.00	6.19			21
31	B	Z37	R85-9570	S	Y	Y		Y					V				764	65.00	409.00	32.00	33.00	28.00	5.00	8.44			85
32	B	Z39	R85-9571	V	Y	Y											5	211.00	129.00	36.00	1.00	11.00	1.00	5.88			42200
33	B	Z40	R85-9572	S	Y	Y					Y		Y				150	17.00	115.00	22.00	17.00	27.00	8.00	5.01			106
34	B	Z42	R85-9573	V	Y	Y		Y									594	42.00	93.00	11.00	3.00	9.00	1.00	3.46			71
35	B	Z44	R85-9574	S	Y	Y					Y						10	22.00	261.00	8.00	17.00	8.00	1.00	3.75			2200
36	B	Z46	R85-9575	V	Y	Y											5340	372.00	466.00	17.00	22.00	16.00	1.00	10.86			72
37	B	Z49	R85-9576	V	Y		Y				V						308	15.00	63.00	15.00	9.00	6.00	1.00	1.76			49
38	B	Z51	R85-9577	S	Y	Y							Y				80	14.00	131.00	26.00	19.00	25.00	7.00	4.74			175
39	B	Z53	R85-9578	S	Y	Y	V										1702	84.00	142.00	12.00	46.00	7.00	1.00	1.57			49
40	B	Z55	R85-9579	S	Y	V							V				765	57.00	314.00	151.00	75.00	27.00	11.00	8.74			95
41	B	Z57	R85-9580	V	Y	V					V						316	33.00	127.00	12.00	5.00	11.00	349.00	5.14			104
42	B	Z59	R85-9581	V	Y	Y					V						10	5.00	124.00	16.00	1.00	5.00	6.00	2.49			500
43	B	Z61	R85-9582	S	Y	Y					Y		V				489	51.00	282.00	12.00	11.00	86.00	3.00	10.67			109
44	B	Z64	R85-9583	V	Y	Y					V						3650	24.00	127.00	6.00	15.00	12.00	7.00	10.63			7
45	B	Z66	R85-9584	S	Y	Y	Y	Y					V				180	3.00	316.00	14.00	14.00	27.00	1.00	12.72			17
46	B	Z68	R85-9585	V	V		V										38	6.00	137.00	7.00	4.00	6.00	2.00	5.49			107
47	B	Z69	R85-9586	V	Y		Y				V						10	7.00	1.27	3.00	3.00	8.00	57.00	2.68			700
48	B	Z71	R85-9587	V	V		V				V						10	1.00	139.00	6.00	3.00	7.00	51.00	3.83			200
49	B	Z74	R85-9588	V	V		V										12	2.00	5.00	5.00	1.00	3.00	4.00	0.56			100
50	B	Z77	R85-9589	S	Y								Y				2120	149.00	195.00	3.00	7.00	17.00	25.00	3.41			70
51	B	Z78	R85-9590	S	V								V				116	3.00	454.00	16.00	21.00	34.00	1.00	11.74			25
52	B	Z81	R85-9591	V	V		V										2180	167.00	675.00	3.00	12.00	18.00	1.00	13.17			142
53	B	Z83	R85-9592	S	Y	Y							Y				1150	1.00	15.00	24.00	2.00	15.00	6.00	5.45			1
54	B	Z84	R85-9593	S	Y	Y							Y				2240	151.00	304.00	21.00	19.00	23.00	3.00	12.86			67
55	B	Z86	R85-9594	V	V	Y											9800	588.00	941.00	2.00	7.00	15.00	1.00	8.29			60

56	B	Z89	R85-9595	V	Y	Y	Y								1840	122.00	395.00	125.00	26.00	2.00	158.00	12.56	66
57	B	Z90	R85-9596	S	Y	Y				Y					10	11.00	59.00	12.00	9.00	1.00	4.00	1.68	1100
58	B	Z93	R85-9597	S	Y	Y						Y			908	41.00	205.00	6.00	9.00	25.00	3.00	3.34	45
59	B	Z94	R85-9598	S	Y		Y					Y			1890	35.00	58.00	307.00	15.00	8.00	1.00	5.66	19
60	B	Z97	R85-9599	V	Y		Y								15600	1212.00	405.00	61.00	6.00	33.00	5.00	18.90	78
61	B	Z99	R85-9600	V	Y		Y			Y					10	19.00	72.00	6.00	34.00	5.00	1.00	4.71	1900
62	B	Z100	R85-9601	V	Y	Y				Y					2090	133.00	504.00	4.00	9.00	1.00	1.00	8.73	64
63	B	Z102	R85-9602	S	Y	Y						Y			82	21.00	75.00	11.00	23.00	4.00	2.00	4.33	256
64	B	Z104	R85-9603	V	Y	Y									2010	398.00	117.00	22.00	89.00	55.00	5.00	13.46	497
65	B	Z106	R85-9604	V	Y		Y			Y					10	18.00	67.00	14.00	48.00	7.00	1.00	4.63	1800
66	B	Z108	R85-9605	V	Y		Y	Y							1880	842.00	133.00	30468.00	164.00	11.00	1.00	19.90	448
67	B	Z110	R85-9606	V	Y		Y								70	19.00	409.00	932.00	7.00	9.00	6.00	8.42	271
68	B	Z112	R85-9607	V	Y	Y									456	23.00	398.00	73.00	3.00	9.00	1.00	5.74	50
69	B	Z114	R85-9608	V	Y		Y			Y					10	6.00	184.00	3.00	5.00	7.00	1.00	5.59	600
70	B	Z116	R85-9609	V	Y		Y	Y							10	7.00	193.00	11423.00	1.00	9.00	1.00	5.19	700
71	B	Z117	R85-9610	V	Y	Y	Y								3790	318.00	18.00	61.00	14.00	11.00	1.00	6.39	84
72	B	Z119	R85-9611	V	Y	Y									24	5.00	191.00	25.00	5.00	6.00	1.00	5.41	208
73	B	Z121	R85-9612	S	Y	Y						Y			10	13.00	5.00	23.00	14.00	3.00	3.00	3.79	1300
74	B	Z123	R85-9613	V	Y	Y									2200	416.00	302.00	7.00	89.00	11.00	5.00	16.71	189
75	B	Z125	R85-9614	S	Y	Y		Y				Y		Y	330	4.00	84.00	38.00	27.00	1.00	6.00	5.62	12
76	B	Z128	R85-9615	V	Y		Y			Y					10	6.00	6.00	7.00	3.00	4.00	1.00	3.96	600
77	B	Z130	R85-9616	S	Y	Y						Y	Y		156	27.00	66.00	18.00	21.00	25.00	4.00	3.79	173
78	B	Z132	R85-9617	S	Y		Y			Y					400	35.00	63.00	7.00	3.00	11.00	1.00	2.49	88
79	B	Z133	R85-9618	V	Y	Y									2850	188.00	378.00	7.00	7.00	1.00	9.00	7.49	66
80	B	Z136	R85-9619	S	Y	Y						Y			542	46.00	177.00	7.00	13.00	12.00	1.00	9.23	85
81	B	Z137	R85-9620	V	Y	Y									1464	146.00	417.00	8.00	15.00	12.00	495.00	15.51	100
82	B	Z140	R85-9621	S	Y	Y									36	6.00	288.00	8.00	5.00	13.00	1.00	17.98	167
83	B	Z142	R85-9622	V	Y	Y									382	51.00	26.00	3.00	9.00	4.00	95.00	2.09	134
84	B	Z143	R85-9623	V	Y	Y									14800	1242.00	437.00	9.00	333.00	15.00	1.00	20.01	84
85	B	Z145	R85-9624	V	Y		Y								20	13.00	18.00	28.00	6.00	5.00	38.00	4.16	650
86	B	Z147	R85-9625	S	Y	Y						Y			118	12.00	22.00	3.00	45.00	11.00	2.00	3.57	102
87	B	Z149	R85-9626	V	Y	Y									36	38.00	84.00	5.00	12.00	5.00	83.00	3.29	1056
88	B	Z151	R85-9627	S	Y	Y						Y			10	7.00	38.00	13.00	12.00	2.00	15.00	3.03	700
89	B	Z156	R85-9628	Y			Y								10	3.00	59.00	14.00	9.00	15.00	18.00	3.76	300
90	B	Z158	R85-9629	S	Y	Y						Y			20	13.00	45.00	15.00	15.00	24.00	3.00	3.56	650
91	B	Z159	R85-9630	S	Y		Y					Y		Y	2060	153.00	329.00	6.00	23.00	26.00	1.00	15.94	74
92	B	Z161	R85-9631	V	Y	Y									10	3.00	13.00	14.00	8.00	8.00	5.00	0.75	300
93	B	Z164	R85-9632	Q		Y									10	1.00	12.00	5.00	15.00	106.00	6.00	2.50	100
94	B	Z166	R85-9633	S	Y	Y						Y			10	17.00	123.00	24.00	2.00	35.00	8.00	5.95	1700
95	B	Z167	R85-9634	S	Y	Y						Y			42	37.00	416.00	59.00	21.00	11.00	1.00	14.26	881
96	B	Z169	R85-9635	S	Y	Y						Y		Y	22	17.00	267.00	6.00	14.00	16.00	1.00	8.08	773
97	B	Z171	R85-9636	V	Y	Y									10	43.00	873.00	128.00	19.00	22.00	1.00	29.64	4300
98	B	Z173	R85-9637	Y			Y								10	6.00	56.00	49.00	1.00	12.00	5.00	3.85	600
99	B	Z176	R85-9638	V	Y	Y									1418	1143.00	975.00	84.00	34.00	25.00	1.00	35.24	806
100	B	Z178	R85-9639	S	Y	Y						Y		Y	42	16.00	82.00	15.00	17.00	23.00	3.00	3.65	381
101	B	Z179	R85-9640	S	Y	Y						Y			82	18.00	525.00	23.00	15.00	18.00	2.00	8.95	220
102	B	Z181	R85-9641	V	Y		Y								10	114.00	342.00	877.00	19507.00	6221.00	467.00	2.53	11400
103	B	Z182	R85-9642	S	Y	Y									264	32.00	171.00	26.00	114.00	35.00	2.00	7.26	121
104	B	Z184	R85-9643	S	Y	Y			Y			Y			336	211.00	73.00	38.00	21.00	23.00	1.00	31.26	628
105	B	Z185	R85-9644	V	Y	Y			Y						898	79.00	194.00	2.00	17.00	8.00	1.00	5.74	88
106	B	Z187	R85-9645	V	Y	Y			Y						740	68.00	138.00	1.00	2.00	9.00	2.00	5.26	92
107	B	Z190	R85-9646	V	Y	Y									7000	333.00	909.00	9.00	24.00	2.00	1.00	17.37	48
108	B	Z192	R85-9647	V	Y	Y									4990	259.00	297.00	2.00	25.00	9.00	1.00	13.26	52
109	B	Z193	R85-9648	S	Y	Y							Y		620	48.00	338.00	5.00	12.00	13.00	1.00	7.53	77
110	B	Z195	R85-9649	V	Y	Y									20	105.00	597.00	63.00	29.00	2.00	1.00	33.15	5250
111	B	Z197	R85-9650	V	Y	Y		Y							840	24.00	381.00	5.00	33.00	17.00	1.00	14.95	29
112	B	Z199	R85-9651	S	Y	Y						Y			408	26.00	455.00	7.00	14.00	13.00	1.00	11.03	64
113	B	Z201	R85-9652	V	Y	Y		Y							6360	474.00	817.00	6.00	28.00	22.00	1.00	17.54	75
114	B	Z202	R85-9653	S	Y	Y						Y			4180	285.00	496.00	19.00	25.00	22.00	1.00	16.36	68
115	B	Z203	R85-9654	S	Y	Y						Y		Y	3320	246.00	342.00	12.00	22.00	19.00	3.00	10.37	74
116	B	Z205	R85-9655	Y	Y	Y									756	951.00	327.00	4.00	209.00	11.00	1.00	7.36	1258
117	B	Z208	R85-9656	V	Y	Y		Y							1560	118.00	246.00	12.00	45.00	26.00	12.00	10.29	76
118	B	Z209	R85-9657	S	Y	Y						Y		Y	264	23.00	83.00	9.00	16.00	16.00	11.00	5.97	81
119	B	Z212	R85-9658	V	Y	Y									10	7.00	48.00	5.00	14.00	7.00	5.00	2.07	700
120	B	Z213	R85-9659	S	Y	Y						Y		Y	90	14.00	291.00	7.00	16.00	16.00	3.00	5.73	156
121	B	Z217	R85-9660	S	Y	Y						Y			10	2.00	115.00	5.00	15.00	15.00	4.00	2.80	200

122	B	Z218	R85-9661	M		Y								10	15.00	181.00	7.00	17.00	7.00	1.00	6.90	1500
123	B	Z223	R85-9662	V	Y	Y		Y						5750	284.00	69.00	23.00	23.00	3.00	1.00	15.66	49
124	B	Z225	R85-9563	S	Y	Y						Y		9200	495.00	812.00	1.00	36.00	21.00	6.00	20.13	54
125	B	Z227	R85-9664	V	Y		Y		Y					4720	154.00	511.00	95549.00	7336.00	22.00	1.00	27.65	33
126	B	Z228	R85-9665	Y	Y		Y							44	8.00	6.00	362.00	4.00	13.00	2.00	2.63	182
127	B	Z229	R85-9666	M			Y							20	18.00	56.00	58.00	26.00	15.00	1.00	4.35	900
128	B	Z231	R85-9667	F			Y							10	3.00	4.00	39.00	15.00	1.00	4.00	2.88	300
129	B	Z233	R85-9668	O										10	11.00	22.00	46.00	21.00	9.00	1.00	2.35	1100
130	B	Z234	R85-9669	S	Y		Y					Y	Y	10	3.00	166.00	46.00	22.00	17.00	1.00	6.81	300
131	B	PR334	R85-14502	V	Y	Y								804	422.00	33.00	452.00	66.00	25.00	9.00	29.84	525
132	B	PR335	R85-14503	V	Y	Y		Y						8120	2735.00	522.00	7.00	84.00	2.00	1.00	19.16	337
133	B	PR336	R85-14504	V	Y	Y		Y						40	32.00	241.00	7.00	66.00	2.00	1.00	14.03	800
134	B	PR337	R85-14505	V	Y	Y								2900	231.00	2273.00	2.00	41.00	22.00	1.00	11.04	80
135	B	PR338	R85-14506	S	Y	Y								27000	35.00	999.00	11.00	35.00	18.00	1.00	12.75	1
136	B	PR339	R85-14507	V	Y	Y								886	14.00	816.00	2.00	12.00	11.00	222.00	6.34	16
137	B	PR340	R85-14508	S	Y	Y								102	68.00	142.00	7.00	45.00	9.00	1.00	7.26	667
138	B	PR341	R85-14509	S										880	74.00	428.00	7.00	22.00	24.00	1.00	9.43	84
139	B	PR342	R85-14510	V	Y	Y								1672	116.00	118.00	2.00	37.00	7.00	1.00	8.03	69
140	B	PR343	R85-14511	V	Y	Y		Y						2430	182.00	115.00	1.00	26.00	7.00	84.00	4.11	75
141	B	PR344	R85-14512	S	Y	Y								178	43.00	56.00	2.00	9.00	12.00	57.00	9.18	242
142	B	PR345	R85-14513	S	Y	Y					Y			2020	26.00	12.00	2.00	14.00	7.00	2.00	4.04	13
143	B	PR346	R85-14514	S	Y	Y							Y	10	43.00	425.00	24.00	35.00	25.00	1.00	18.31	4300
144	B	PR347	R85-14515	V	Y	Y								240	261.00	192.00	5.00	172.00	7.00	1.00	5.48	1088
145	B	PR349	R85-14516	V	Y	Y								140	376.00	155.00	154.00	26.00	11.00	1.00	11.85	2686
146	B	PR350	R85-14517	V	Y	Y								40	5.00	133.00	2.00	23.00	6.00	1.00	2.86	125
147	B	PR351	R85-14518	S	Y									10	8.00	61.00	3.00	29.00	6.00	3.00	0.77	800
148	B	PR353	R85-14519	V	Y	Y								10	2.00	34.00	9.00	12.00	8.00	2.00	1.67	200
149	B	PR354	R85-14520	V	Y	Y		Y						10	23.00	178.00	9143.00	35.00	22.00	1.00	3.19	2300
150	B	PR355	R85-14521	V	Y	Y		Y						26	16.00	211.00	44.00	19.00	8.00	48.00	3.93	615
151	B	PR357	R85-14522	V	Y	Y								10020	868.00	105.00	1.00	36.00	8.00	1.00	4.57	87
152	B	PR361	R85-14523	Q	Y									361	5.00	2.00	2.00	9.00	4.00	1.00	0.27	14
153	B	PR368	R85-14527	V								Y		24	109.00	374.00	311.00	187.00	329.00	73.00	9.92	4542
154	B	PR370	R85-14528	V		Y		Y						1826	166.00	333.00	3.00	16.00	3.00	1.00	6.52	91
155	B	PR373	R85-14529	V	Y		Y							24	4.00	25.00	17.00	8.00	16.00	1.00	1.36	167
156	B	PR377	R85-14530	V	Y		Y	Y	Y					680	994.00	845.00	124744.00	966.00	69.00	6.00	13.64	1462
157	B	PR378	R85-14531	V	Y		Y							164	237.00	1945.00	2533.00	8983.00	48.00	1.00	17.28	1445
158	B	PR379	R85-14532	V	Y		Y							10	1.00	24.00	431.00	101.00	8.00	1.00	1.39	100
159	B	PR381	R85-14533	V	Y		Y		Y	Y				482	143.00	52.00	95669.00	22024.00	20688.00	464.00	7.59	297
160	B	PR383	R85-14534	V	Y	Y								30	7.00	156.00	401.00	112.00	95.00	3.00	2.15	233
161	B	PR385	R85-14535	V	Y						Y		Y	30	5.00	8.00	314.00	147.00	86.00	3.00	0.34	167
162	B	PR386	R85-14536	V	Y	Y								2040	174.00	414.00	67.00	19.00	27.00	1.00	2.47	85
163	B	PR387	R85-15043	V	Y	Y								10	6.00	758.00	39.00	13.00	21.00	1.00	6.80	500
164	B	PR388	R85-15044	V	Y	Y								10	5.00	203.00	9.00	12.00	8.00	1.00	8.15	500
165	B	PR389	R85-15045	V	Y	Y								10	17.00	38.00	27.00	22.00	16.00	7.00	1.58	1700
166	B	PR390	R85-15046	V	Y	Y								40	16.00	479.00	7.00	18.00	12.00	1.00	11.05	400
167	B	PR391	R85-15047	V	Y	Y								10620	861.00	338.00	4.00	18.00	12.00	1.00	11.26	81
168	B	PR399	R85-15048	S	Y	Y		Y						1600	177.00	21.00	1.00	18.00	11.00	16.00	8.81	111
169	B	PR403	R85-15051	V	Y									660	19.00	7.00	8.00	28.00	8.00	8.00	5.38	29
170	B	PR412	R85-15052	V	Y		Y			Y				62	262.00	177.00	4954.00	19133.00	97721.00	2347.00	14.82	4226
171	B	PR413	R85-15053	V	Y	Y								160	12.00	149.00	18.00	54.00	19.00	8.00	5.89	75
172	B	PR415	R85-15055	S	Y	Y							Y	1018	81.00	321.00	2.00	3.00	43.00	4.00	9.35	80
173	B	PR416	R85-15056	S		Y							Y	10	18.00	25.00	14.00	304.00	132.00	5.00	10.28	1800
174	B	PR418	R85-15057	V	Y	Y								1204	1344.00	865.00	42.00	4.00	19.00	39.00	9.05	1116
175	B	PR422	R85-15058	V	Y	Y		Y						100	35.00	375.00	16.00	109.00	26.00	2.00	11.05	350
176	B	PR90	R85-9686	V	Y	Y		Y						10	2.00	9.00	4.00	34.00	9.00	1.00	2.26	200
177	B	PR91	R85-9687	Y										10	2.00	335.00	4229.00	15.00	1.00	1.00	7.60	200
178	B	PR109	R85-9688	Y										10	2.00	24.00	65.00	12.00	14.00	1.00	1.60	200
179	B	PR110	R85-9689	V	Y		Y							10	2.00	4.00	455.00	31.00	5.00	1.00	0.53	200
180	B	PR111	R85-9690	Q	Y									10	337.00	2064.00	6227.00	1111.00	31.00	1.00	2.56	33700
181	B	PR113	R85-9691	V	Y									10	16.00	21.00	204.00	14.00	14.00	1.00	0.90	1600
182	B	PR118	R85-9692	V	Y	Y		Y	Y					20	15.00	12.00	11.00	15.00	4.00	1.00	0.83	750
183	B	PR119	R85-9693	Z	Y									10	2.00	3.00	3667.00	21.00	13.00	1.00	0.98	200
184	B	PR121	R85-9694	V	Y						Y			10	2.00	2.00	496.00	1.00	1.00	1.00	0.39	200
185	B	PR123	R85-9695	F			Y		Y					10	458.00	521.00	2.00	26.00	2.00	1.00	16.64	45800
186	B	PR124	R85-9696	F			Y		Y					10	16.00	93.00	2.00	1.00	4.00	5.00	0.62	1600
187	B	PR125	R85-9697	V	Y	Y								11560	909.00	604.00	2.00	31.00	16.00	25.00	19.60	79

188	B	PR129	R85-9698	S			Y	Y													166	4.00	435.00	34.00	5.00	11.00	1.00	10.48			24
189	B	PR130	R85-9699	V																	10	8.00	21.00	2.00	112.00	7.00	1.00	1.60			800
190	B	PR131	R85-9700	V					Y	Y							Y				20	2.00	22.00	2.00	9.00	21.00	1.00	5.61			100
191	B	GR34	R85-9671	V		Y	Y	Y													10	1204.00	342.00	39.00	1482.00	111.00	1.00	10.40			120400
192	B	GR35	R85-9672	V		Y	Y														1862	171.00	1298.00	39.00	38.00	23.00	1.00	16.34			92
193	B	GR36	R85-9673	V		Y	Y														10	2.00	157.00	3.00	12.00	6.00	1.00	3.22			200
194	B	GR37	R85-9674	V		Y	Y														7160	536.00	383.00	11.00	9.00	8.00	1.00	8.38			75
195	B	GR38	R85-9675	V		Y	Y														10	7.00	16.00	19.00	16.00	11.00	7.00	0.92			700
196	B	GR39	R85-9676	V		Y		Y													10	2.00	103.00	93.00	26.00	9.00	1.00	2.47			200
197	B	GR40	R85-9677	S		Y	Y									Y					10	22.00	48.00	27.00	27.00	53.00	2.00	4.48			2200
198	B	GR41	R85-9678	S		Y		Y													10	6.00	65.00	11.00	23.00	43.00	3.00	3.35			600
199	B	GR42	R85-9679	V		Y	Y														62	2.00	248.00	4.00	7.00	8.00	1.00	3.55			32
200	B	GR43	R85-9680	V		Y		Y													10	2.00	4.00	47.00	1.00	4.00	1.00	0.31			200
201	B	GR44	R85-9681	S		Y	Y									Y					614	67.00	255.00	1.00	23.00	15.00	45.00	13.32			109
202	B	GR44	R85-9684	V		Y		Y									Y				730	16.00	489.00	1.00	203.00	257.00	3.00	9.85			22
203	B	GR46	R85-9685	Y				Y		Y											10	11.00	178.00	17.00	29.00	137.00	2.00	10.32			1100
204	B	TR88-1-1		V		Y		Y		Y							Y				500	860.00	341.00	68391.00	4605.00	92.00	1.00	18.00	N	S	1720
205	B	TR88-1-2		V		Y		Y					Y								490	1351.00	518.00	40184.00	9193.00	52.00	1.00	10.85	N	W	2757
206	B	TR88-1-3		M		Y	Y	Y													480	41.00	482.00	66.00	39.00	22.00	1.00	19.08	H	N	85
207	B	TR88-1-4		V		Y	Y		Y				Y	Y					Y	Y	4900	358.00	430.00	333.00	89.00	20.00	4.00	21.05	M	M	73
208	B	TR88-1-5		S		Y	Y	Y		Y			Y	Y					Y		1620	713.00	527.00	99999.00	3673.00	25.00	1.00	30.63	N	S	440
209	B	TR88-1-6		S		Y	Y	Y			Y			Y						Y	60	174.00	1143.00	657.00	6068.00	849.00	1.00	41.17	H	S	2900
210	B	TR88-1-7		D		Y		Y	Y											Y	100	533.00	1250.00	681.00	82.00	29.00	2.00	23.16	N	W	5330
211	B	TR88-1-8		S		Y	Y		Y				Y	Y			Y		Y	Y	11000	722.00	967.00	96.00	50.00	21.00	17.00	21.19	W	W	66
212	B	TR88-1-9		V		Y		Y	Y	Y				Y							670	408.00	726.00	99999.00	47.00	29.00	1.00	30.30	N	S	609
213	B	T88-1-10		S		Y	Y		Y				Y				Y		Y	Y	6600	481.00	750.00	762.00	16.00	21.00	2.00	17.77	W	M	73
214	B	T88-1-11		D		Y		Y	Y				Y								180	29.00	257.00	91.00	22.00	11.00	83.00	6.85	N	N	161
215	B	T88-1-12		V		Y	Y	Y	Y	Y			Y	Y					Y		430	2361.00	598.00	99999.00	1610.00	797.00	1.00	30.24	W	S	5491
216	B	T88-1-13		G		Y	Y		Y				Y	Y						Y	3470	250.00	761.00	54.00	11.00	14.00	237.00	9.72	M	M	72
217	B	T88-1-14		G		Y	Y		Y					Y						Y	11000	717.00	327.00	126.00	21.00	12.00	297.00	13.34	M	W	65
218	B	T88-1-15		S		Y							Y						Y		80	28.00	77.00	116.00	48.00	11.00	3.00	4.40	N	N	350
219	B	T88-1-16		V		Y	Y		Y				Y	Y						Y	8700	585.00	633.00	37.00	7.00	11.00	2.00	11.42	M	W	67
220	B	T88-1-17		V		Y	Y		Y												5	2.00	30.00	16.00	15.00	17.00	1.00	1.02	M		400
221	B	T88-1-18		V		Y	Y		Y												1560	108.00	702.00	36.00	3.00	13.00	1.00	13.07	N		69
222	D	T88-2-19		V		Y	Y		Y												10700	626.00	621.00	10.00	15.00	25.00	38.00	33.71			59
223	D	T88-2-20		V		Y	Y		Y												23000	1526.00	652.00	16.00	21.00	16.00	2.00	18.92			66
224	D	T88-2-21		V		Y	Y	Y	Y												820	53.00	297.00	10.00	9.00	34.00	4.00	48.47	H		65
225	D	T88-2-22		V		Y		Y												Y	7800	83.00	11.00	9.00	3.00	3.00	238.00	1.16			11
226	D	T88-2-23		M		Y		Y													1380	33.00	83.00	8.00	8.00	36.00	5.00	13.07			24
227	D	T88-2-24		S			Y	Y	Y												2160	357.00	853.00	9.00	12.00	28.00	3.00	40.38			165
228	B	L0 2+96E		S		Y	Y	Y													100	1786.00	607.00	16.00	3480.00	21.00	3.00	20.47			17860
229	D	LP1-22		V		Y	Y		Y											Y	60	5.00	104.00	0.00	0.00	0.00	0.00	0.00			83
230	D	LP1-57		V		Y	Y								Y			Y		Y	10	5.00	37.00	0.00	0.00	0.00	0.00	0.00			500
231	D	LP1-59		S		Y	Y	Y												Y	122	6.00	144.00	0.00	0.00	0.00	0.00	0.00			49
232	D	LP1-61		V		Y	Y													Y	22	5.00	113.00	0.00	0.00	0.00	0.00	0.00			227
233	D	LP1-74		V		Y														Y	52	5.00	55.00	0.00	0.00	0.00	0.00	0.00			96
234	D	LP1-76		V		Y	Y													Y	80	14.00	120.00	0.00	0.00	0.00	0.00	0.00			175
235	D	LP1-78		V		Y	Y														110	28.00	42.00	0.00	0.00	0.00	0.00	0.00			255
236	D	LP1-80		V		Y	Y								Y					Y	206	25.00	154.00	0.00	0.00	0.00	0.00	0.00			121
237	D	LP1-82		V		Y	Y		Y						Y						232	23.00	148.00	0.00	0.00	0.00	0.00	0.00			99
238	D	LP1-84		S		Y	Y								Y		Y				1920	190.00	396.00	0.00	0.00	0.00	0.00	0.00			99
239	D	LP1-86		V		Y	Y		Y												2240	202.00	414.00	0.00	0.00	0.00	0.00	0.00			90
240	D	LP1-88		S		Y	Y		Y												3290	273.00	765.00	0.00	0.00	0.00	0.00	0.00			83
241	D	LP1-89		S		Y									Y		Y		Y		22	5.00	46.00	0.00	0.00	0.00	0.00	0.00			227
242	D	LP1-90		S		Y	Y								Y						738	74.00	285.00	0.00	0.00	0.00	0.00	0.00			100
243	D	LP1-91		V		Y	Y					Y									192	28.00	127.00	0.00	0.00	0.00	0.00	0.00			146
244	D	LP1-92		S		Y	Y					Y									192	28.00	127.00	0.00	0.00	0.00	0.00	0.00			146
245	D	LP1-93		S		Y	Y		Y												20	5.00	84.00	0.00	0.00	0.00	0.00	0.00			250
246	D	LP1-94		S		Y	Y										Y				364	46.00	97.00	0.00	0.00	0.00	0.00	0.00			126
247	D	LP1-96		S		Y	Y		Y											Y	720	78.00	192.00	0.00	0.00	0.00	0.00	0.00			108
248	D	LP1-98		S		Y	Y		Y											Y	242	20.00	215.00	0.00	0.00	0.00	0.00	0.00			83
249	D	LP1-100		S		Y	Y		Y						Y					Y	10	5.00	60.00	0.00	0.00	0.00	0.00	0.00			500
250	D	LP1-102		V		Y	Y		Y												60	5.00	317.00	0.00	0.00	0.00	0.00	0.00			83
251	D	LP1-103		V		Y	Y		Y						Y					Y	20	5.00	35.00	0.00	0.00	0.00	0.00	0.00			250
252	D	LP1-104		S		Y	Y														300	30.00	272.00	0.00	0.00	0.00	0.00	0.00			100
253	D	LP1-106		S		Y	Y								Y						472	58.00	516.00	0.00	0.00	0.00	0.00	0.00			123

									Y			Y	240	30.00	0.00	0.00	0.00	0.00	0.00	0.00	125
254	D	LP1-108	S	Y	Y		Y						966	91.00	351.00	0.00	0.00	0.00	0.00	0.00	94
255	D	LP1-110	S	Y	Y		Y						2720	296.00	341.00	0.00	0.00	0.00	0.00	0.00	109
256	D	LP1-112	S	Y	Y		Y			Y		Y	580	55.00	347.00	0.00	0.00	0.00	0.00	0.00	95
257	D	LP1-114	S	Y	Y		Y			Y		Y	880	95.00	572.00	0.00	0.00	0.00	0.00	0.00	108
258	D	LP1-116	S	Y	Y		Y						962	102.00	586.00	0.00	0.00	0.00	0.00	0.00	106
259	D	LP1-117	0	Y					Y			Y	10	5.00	65.00	0.00	0.00	0.00	0.00	0.00	500
260	D	LP2-24	S	Y	Y		Y					Y	10	5.00	66.00	0.00	0.00	0.00	0.00	0.00	500
261	D	LP2-38	0	Y	Y			Y	Y		Y		10	5.00	36.00	0.00	0.00	0.00	0.00	0.00	500
262	D	LP2-49	S	Y	Y				Y		Y	Y	1102	116.00	136.00	0.00	0.00	0.00	0.00	0.00	105
263	D	LP2-56	S	Y	Y				Y		Y	Y	26	7.00	36.00	0.00	0.00	0.00	0.00	0.00	269
264	D	LP2-98	S	Y	Y		Y		Y		Y	Y	10	5.00	56.00	0.00	0.00	0.00	0.00	0.00	500
265	D	LP2-100	S	Y	Y		Y					Y	100	5.00	58.00	0.00	0.00	0.00	0.00	0.00	50
266	D	LP2-102	S	Y	Y							Y	80	12.00	90.00	0.00	0.00	0.00	0.00	0.00	150
267	D	LP2-104	S	Y	Y								42	5.00	56.00	0.00	0.00	0.00	0.00	0.00	119
268	D	LP2-106	S	Y	Y				Y			Y	240	30.00	306.00	0.00	0.00	0.00	0.00	0.00	125
269	D	LP2-108	S	Y	Y		Y						1546	164.00	53.00	0.00	0.00	0.00	0.00	0.00	106
270	D	LP2-109	S	Y	Y		Y						444	53.00	346.00	0.00	0.00	0.00	0.00	0.00	119
271	D	LP2-110	S	Y	Y		Y	Y					1366	142.00	350.00	0.00	0.00	0.00	0.00	0.00	104
272	D	LP2-111	V	Y	Y		Y						424	53.00	298.00	0.00	0.00	0.00	0.00	0.00	125
273	D	LP2-112	S	Y	Y								328	31.00	155.00	0.00	0.00	0.00	0.00	0.00	95
274	D	LP2-114	S	Y	Y								86	5.00	131.00	0.00	0.00	0.00	0.00	0.00	58
275	D	LP2-116	S	Y	Y			Y					32	7.00	126.00	0.00	0.00	0.00	0.00	0.00	219
276	D	LP2-118	S	Y	Y								164	19.00	159.00	0.00	0.00	0.00	0.00	0.00	116
277	D	LP2-120	S	Y	Y		Y						88	5.00	137.00	0.00	0.00	0.00	0.00	0.00	57
278	D	LP2-122	S	Y	Y		Y						46	5.00	185.00	0.00	0.00	0.00	0.00	0.00	109
279	D	LP2-124	S	Y	Y								156	31.00	92.00	0.00	0.00	0.00	0.00	0.00	199
280	D	LP2-126	S	Y	Y								10	5.00	67.00	0.00	0.00	0.00	0.00	0.00	500
281	D	LP2-127	V	Y	Y	Y		Y					20	5.00	152.00	0.00	0.00	0.00	0.00	0.00	250
282	D	LP2-128	V	Y	Y	Y		Y					10	5.00	95.00	0.00	0.00	0.00	0.00	0.00	500
283	D	LP2-130	S	Y	Y				Y	Y	Y	Y	10	5.00	41.00	0.00	0.00	0.00	0.00	0.00	500
284	D	LP2-132	S	Y	Y			Y	Y		Y		46	5.00	73.00	0.00	0.00	0.00	0.00	0.00	109
285	D	LP2-134	S	Y	Y	Y		Y				Y	44	5.00	59.00	0.00	0.00	0.00	0.00	0.00	114
286	D	LP3-15	S	Y	Y				Y	Y	Y	Y	200	16.00	37.00	0.00	0.00	0.00	0.00	0.00	80
287	D	LP3-25	S	Y	Y								10	6.00	94.00	0.00	0.00	0.00	0.00	0.00	600
288	D	LP3-28	V	Y	Y		Y						10	5.00	36.00	0.00	0.00	0.00	0.00	0.00	500
289	D	LP3-30	S	Y	Y								80	26.00	212.00	0.00	0.00	0.00	0.00	0.00	325
290	D	LP3-31	V	Y					Y		Y	Y	10	5.00	76.00	0.00	0.00	0.00	0.00	0.00	500
291	D	LP3-33	S	Y	Y								240	23.00	146.00	0.00	0.00	0.00	0.00	0.00	96
292	D	LP3-44	V	Y	Y								10	5.00	48.00	0.00	0.00	0.00	0.00	0.00	500
293	D	LP3-46	S	Y	Y		Y						20	10.00	85.00	0.00	0.00	0.00	0.00	0.00	500
294	D	LP3-48	S	Y	Y		Y	Y		Y		Y	20	5.00	67.00	0.00	0.00	0.00	0.00	0.00	250
295	D	LP3-50	S	Y	Y					Y		Y	10	6.00	70.00	0.00	0.00	0.00	0.00	0.00	600
296	D	LP3-57	V	Y						Y		Y	10	10.00	30.00	0.00	0.00	0.00	0.00	0.00	1000
297	D	LP3-87	S	Y					Y		Y		40	10.00	85.00	0.00	0.00	0.00	0.00	0.00	250
298	D	LP4-15	S	Y	Y				Y		Y		780	63.00	146.00	0.00	0.00	0.00	0.00	0.00	81
299	D	LP4-17	S	Y	Y				Y		Y		120	13.00	84.00	0.00	0.00	0.00	0.00	0.00	108
300	D	LP4-19	S	Y	Y				Y			Y	22	5.00	46.00	0.00	0.00	0.00	0.00	0.00	227
301	D	LP4-21	S	Y	Y		Y		Y			Y	160	22.00	68.00	0.00	0.00	0.00	0.00	0.00	138
302	D	LP4-24	S	Y	Y		Y		Y			Y	10	5.00	55.00	0.00	0.00	0.00	0.00	0.00	500
303	D	LP4-26	S	Y	Y		Y	Y					176	31.00	134.00	0.00	0.00	0.00	0.00	0.00	176
304	D	LP4-28	S	Y	Y	Y			Y	Y		Y	20	6.00	48.00	0.00	0.00	0.00	0.00	0.00	300
305	D	LP4-30	S	Y	Y		Y		Y				10	7.00	75.00	0.00	0.00	0.00	0.00	0.00	700
306	D	LP4-32	S	Y	Y		Y						24	7.00	67.00	0.00	0.00	0.00	0.00	0.00	292
307	D	LP4-34	S	Y	Y	Y	Y	Y	Y			Y	10	5.00	46.00	0.00	0.00	0.00	0.00	0.00	500
308	D	LP4-36	S	Y	Y							Y	10	6.00	53.00	0.00	0.00	0.00	0.00	0.00	600
309	D	LP4-38	S	Y	Y			Y			Y	Y	92	27.00	79.00	0.00	0.00	0.00	0.00	0.00	293
310	D	LP4-40	S	Y	Y		Y					Y	42	10.00	109.00	0.00	0.00	0.00	0.00	0.00	238
311	D	LP4-42	S	Y	Y		Y					Y	60	10.00	102.00	0.00	0.00	0.00	0.00	0.00	167
312	D	LP4-44	S	Y	Y							Y	352	48.00	128.00	0.00	0.00	0.00	0.00	0.00	136
313	D	LP4-46	S	Y	Y				Y		Y		362	51.00	92.00	0.00	0.00	0.00	0.00	0.00	141
314	D	LP4-48	S	Y	Y						Y		120	18.00	98.00	0.00	0.00	0.00	0.00	0.00	150
315	D	LP4-50	S	Y	Y		Y						114	22.00	146.00	0.00	0.00	0.00	0.00	0.00	193
316	D	LP4-52	S	Y	Y		Y	Y			Y		314	38.00	134.00	0.00	0.00	0.00	0.00	0.00	121
317	D	LP4-56	S	Y	Y			Y					634	171.00	194.00	0.00	0.00	0.00	0.00	0.00	270
318	D	LP4-58	V	Y	Y		Y						2470	370.00	197.00	0.00	0.00	0.00	0.00	0.00	150

320	D	LP4-62	S	Y	Y										10	7.00	44.00	0.00	0.00	0.00	0.00	0.00			700
321	D	LP4-73	S	Y	Y										10	5.00	28.00	0.00	0.00	0.00	0.00	0.00			500
322	D	LP5-12	S	Y						Y		Y			10	6.00	42.00	0.00	0.00	0.00	0.00	0.00			600
323	D	LP5-14	V	Y	Y	Y						Y	Y		10	9.00	120.00	0.00	0.00	0.00	0.00	0.00			900
324	D	LP5-15	S	Y	Y					Y		Y			20	10.00	56.00	0.00	0.00	0.00	0.00	0.00			500
325	D	LP5-22	G	Y						Y		Y			20	10.00	6.00	0.00	0.00	0.00	0.00	0.00			500
326	D	LP5-34	S	Y	Y					Y		Y			10	5.00	48.00	0.00	0.00	0.00	0.00	0.00			500
327	D	LP5-36	S	Y	Y					Y		Y			10	5.00	63.00	0.00	0.00	0.00	0.00	0.00			500
328	D	LP5-37	V	Y	Y	Y	Y		Y						10	5.00	96.00	0.00	0.00	0.00	0.00	0.00			500
329	D	LP5-38	V	Y	Y	Y	Y		Y						10	5.00	453.00	0.00	0.00	0.00	0.00	0.00			500
330	D	LP5-39	V	Y	Y	Y	Y		Y						10	5.00	7.00	0.00	0.00	0.00	0.00	0.00			500
331	D	LP5-40	V	Y	Y	Y	Y		Y						24	5.00	262.00	0.00	0.00	0.00	0.00	0.00			208
332	D	LP5-41	S	Y	Y	Y			Y						10	5.00	246.00	0.00	0.00	0.00	0.00	0.00			500
333	D	LP5-42	S	Y	Y	Y			Y						10	55.00	216.00	0.00	0.00	0.00	0.00	0.00			5500
334	D	LP5-43	S	Y	Y	Y	Y		Y						10	5.00	328.00	0.00	0.00	0.00	0.00	0.00			500
335	D	LP5-44	S	Y	Y				Y						10	12.00	294.00	0.00	0.00	0.00	0.00	0.00			1200
336	D	LP5-45	S	Y		Y			Y	Y		Y	Y		10	5.00	44.00	0.00	0.00	0.00	0.00	0.00			500
337	D	LP5-68	S	Y	Y	Y	Y		Y						10	5.00	67.00	0.00	0.00	0.00	0.00	0.00			500
338	D	LP5-75	S	Y	Y	Y	Y		Y	Y		Y			10	5.00	83.00	0.00	0.00	0.00	0.00	0.00			500
339	D	LP5-77	V	Y	Y		Y		Y						10	51.00	171.00	0.00	0.00	0.00	0.00	0.00			5100
340	D	LP5-83	S	Y	Y	Y				Y					10	5.00	41.00	0.00	0.00	0.00	0.00	0.00			500
341	D	LP5-88	S	Y	Y	Y									20	7.00	104.00	0.00	0.00	0.00	0.00	0.00			350
342	D	LP5-90	S	Y	Y	Y									24	6.00	134.00	0.00	0.00	0.00	0.00	0.00			250
343	D	LP5-94	S	Y	Y	Y			Y	Y			0		10	8.00	64.00	0.00	0.00	0.00	0.00	0.00			800
344	D	LP5-99	S	Y	Y	Y			Y	Y			Y		20	5.00	39.00	0.00	0.00	0.00	0.00	0.00			250
345	D	LP5-102	V	Y		Y	Y								20	11.00	125.00	0.00	0.00	0.00	0.00	0.00			550
346	D	LP6-9	K	Y	Y	Y	Y								692	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
347	D	LP6-12	V	Y	Y	Y	Y								2080	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
348	D	LP6-15	S	Y	Y					Y			Y		872	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
349	D	LP6-16	V	Y	Y					Y			Y		640	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
350	D	LP6-18	S	Y		Y			Y	Y			Y		40	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
351	D	LP6-25	G	Y		Y			Y						5	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
352	D	LP7-7	K	Y									Y		5	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
353	D	LP7-14	K	Y	Y	Y				Y			Y		80	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
354	D	LP7-16	V	Y	Y	Y	Y		Y	Y			Y		1584	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
355	D	LP7-18	S	Y	Y	Y				Y					420	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
356	D	LP7-20	V	Y	Y	Y	Y		Y		Y				260	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
357	D	LP7-22	V	Y	Y	Y	Y		Y		Y				104	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
358	D	LP7-24	V	Y	Y	Y	Y		Y		Y				72	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
359	D	LP7-26	G	Y	Y			Y	Y			Y			20	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0
360	D	LP8-16	S	Y	Y	Y									88	0.00	299.00	0.00	0.00	0.00	0.00	0.00		M	0
361	D	LP8-18	S	Y	Y	Y									138	0.00	270.00	0.00	0.00	0.00	0.00	0.00		M	0
362	D	LP8-24	S	Y		Y	Y								104	0.00	132.00	0.00	0.00	0.00	0.00	0.00		W	0
363	D	LP8-31	S	Y	Y										40	0.00	161.00	0.00	0.00	0.00	0.00	0.00		W	0
364	D	LP8-38	S	Y	Y	Y	Y		Y						78	0.00	262.00	0.00	0.00	0.00	0.00	0.00			0
365	D	LP8-44	S	Y	Y				Y	Y					128	0.00	196.00	0.00	0.00	0.00	0.00	0.00		M	0
366	D	LP8-73	S	Y	Y			Y		Y	Y		Y		20	32.00	0.00	0.00	0.00	0.00	0.00	0.00			1600
367	D	LP8-82	S	Y	Y		Y			Y	Y		0		5	30.00	0.00	0.00	0.00	0.00	0.00	0.00			6000
368	D	LP8-84	S	Y	Y	Y	Y		Y						5	0.00	0.00	0.00	0.00	0.00	0.00	0.00		M	0
369	D	LP8-86	S	Y	Y				Y						5	0.00	56.00	0.00	0.00	0.00	0.00	0.00			0
370	D	LP8-88	S	Y	Y				Y						5	0.00	72.00	0.00	0.00	0.00	0.00	0.00			0
371	D	LP8-90	S	Y	Y				Y				Y		5	0.00	64.00	0.00	0.00	0.00	0.00	0.00			0
372	D	LP8-92	V	Y	Y				Y						5	0.00	85.00	0.00	0.00	0.00	0.00	0.00			0
373	D	LP8-94	S	Y	Y					Y			Y		20	59.00	0.00	0.00	0.00	0.00	0.00	0.00			2950
374	D	LP9-16	V	Y	Y		Y		Y						2350	0.00	279.00	0.00	0.00	0.00	0.00	0.00		S	0
375	D	LP9-45	V	Y	Y				Y						5	0.00	93.00	0.00	0.00	0.00	0.00	0.00		M	0
376	D	LP9-47	V	Y	Y				Y						5	0.00	258.00	0.00	0.00	0.00	0.00	0.00		M	0
377	D	LP9-49	V	Y	Y				Y						5	0.00	92.00	0.00	0.00	0.00	0.00	0.00		M	0
378	D	LP9-51	V	Y	Y				Y						3280	0.00	97.00	0.00	0.00	0.00	0.00	0.00		M	0
379	D	LP9-53	V	Y	Y				Y						5	0.00	56.00	0.00	0.00	0.00	0.00	0.00		M	0
380	D	LP9-55	V	Y	Y				Y						5	0.00	119.00	0.00	0.00	0.00	0.00	0.00		M	0
381	D	LP9-57	V	Y	Y				Y						5	0.00	111.00	0.00	0.00	0.00	0.00	0.00		M	0
382	D	LP9-59	V	Y	Y				Y						5	0.00	67.00	0.00	0.00	0.00	0.00	0.00		M	0
383	D	LP9-61	V	Y	Y				Y						22	0.00	146.00	0.00	0.00	0.00	0.00	0.00		M	0
384	D	LP9-63	V	Y	Y				Y						5	0.00	85.00	0.00	0.00	0.00	0.00	0.00		M	0
385	D	LP9-65	V	Y	Y				Y						20	0.00	119.00	0.00	0.00	0.00	0.00	0.00		M	0

386	D	LP9-67	V	Y	Y			Y				20	0.00	145.00	0.00	0.00	0.00	0.00	0.00	M		0
387	D	LP9-69	V	Y	Y			Y				36	0.00	232.00	0.00	0.00	0.00	0.00	0.00	M		0
388	D	LP9-71	V	Y	Y			Y				22	0.00	129.00	0.00	0.00	0.00	0.00	0.00	M		0
389	D	LP10-13	S	Y	Y	Y	Y	Y				272	0.00	53.00	0.00	0.00	0.00	0.00	0.00			0
390	D	LP10-15	S	Y	Y	Y	Y	Y				380	0.00	178.00	0.00	0.00	0.00	0.00	0.00			0
391	D	LP10-17	S	Y	Y	Y	Y	Y				796	0.00	75.00	0.00	0.00	0.00	0.00	0.00			0
392	D	LP10-19	S	Y	Y	Y	Y	Y				5	0.00	58.00	0.00	0.00	0.00	0.00	0.00			0
393	D	LP10-21	S	Y	Y	Y	Y	Y				42	0.00	77.00	0.00	0.00	0.00	0.00	0.00			0
394	D	LP10-23	S	Y	Y	Y	Y	Y				80	0.00	159.00	0.00	0.00	0.00	0.00	0.00			0
395	D	LP10-25	S	Y	Y		Y	Y	Y		Y	20	0.00	41.00	0.00	0.00	0.00	0.00	0.00			0
396	D	LP10-34	V	Y	Y			Y			Y	5	0.00	60.00	0.00	0.00	0.00	0.00	0.00			0
397	D	LP10-44	S	Y	Y				Y			5	0.00	64.00	0.00	0.00	0.00	0.00	0.00			0
398	D	LP10-49	V	Y		Y		Y				374	0.00	275.00	0.00	0.00	0.00	0.00	0.00			0
399	D	LP10-67	S	Y	Y	Y		Y	Y			40	0.00	68.00	0.00	0.00	0.00	0.00	0.00			0
400	D	LP11-22	S	Y	Y	Y	Y	Y				1602	0.00	38.00	0.00	0.00	0.00	0.00	0.00			0
401	D	LP11-44	L	Y	Y	Y	Y				Y	1532	0.00	200.00	0.00	0.00	0.00	0.00	0.00			0
402	D	LP12-24	S	Y	Y	Y	Y	Y				180	0.00	66.00	0.00	0.00	0.00	0.00	0.00			0
403	D	LP12-42	S	Y	Y	Y		Y				5	0.00	47.00	0.00	0.00	0.00	0.00	0.00			0
404	D	LP12-44	S	Y		Y		Y				5	0.00	32.00	0.00	0.00	0.00	0.00	0.00			0
405	D	LP12-46	S	Y		Y		Y				5	0.00	41.00	0.00	0.00	0.00	0.00	0.00			0
406	D	LP12-56	S	Y				Y				236	0.00	97.00	0.00	0.00	0.00	0.00	0.00			0
407	D	LP12-58	S	Y				Y				206	0.00	99.00	0.00	0.00	0.00	0.00	0.00			0
408	D	LP12-65	V	Y	Y	Y		Y				5	0.00	97.00	0.00	0.00	0.00	0.00	0.00			0
409	D	LP12-67	S	Y		Y		Y				5	0.00	94.00	0.00	0.00	0.00	0.00	0.00			0
410	D	LP12-70	S	Y	Y			Y				372	0.00	387.00	0.00	0.00	0.00	0.00	0.00			0
411	D	LP12-72	S	Y	Y			Y				908	0.00	255.00	0.00	0.00	0.00	0.00	0.00			0
412	D	LP12-74	S	Y	Y			Y				476	0.00	186.00	0.00	0.00	0.00	0.00	0.00			0
413	D	LP12-104	V	Y	Y			Y				42	0.00	409.00	0.00	0.00	0.00	0.00	0.00			0
414	D	LP12-105	V	Y	Y			Y				60	0.00	168.00	0.00	0.00	0.00	0.00	0.00			0
415	D	LP12-107	V	Y	Y			Y				778	0.00	139.00	0.00	0.00	0.00	0.00	0.00			0
416	D	LP12-109	V	Y	Y			Y				934	0.00	206.00	0.00	0.00	0.00	0.00	0.00			0
417	D	LP12-111	V	Y	Y			Y				984	0.00	213.00	0.00	0.00	0.00	0.00	0.00			0
418	D	LP12-113	V	Y	Y			Y				40	0.00	73.00	0.00	0.00	0.00	0.00	0.00			0
419	D	LP13-21	S	Y	Y			Y			Y	60	0.00	52.00	0.00	0.00	0.00	0.00	0.00			0
420	D	LP13-23	S	Y	Y			Y			Y	94	0.00	163.00	0.00	0.00	0.00	0.00	0.00			0
421	D	LP13-34	S	Y	Y		Y	Y				644	0.00	388.00	0.00	0.00	0.00	0.00	0.00			0
422	D	LP13-36	S	Y	Y		Y	Y				406	0.00	428.00	0.00	0.00	0.00	0.00	0.00			0
423	D	LP13-43	V	Y	Y			Y				5	0.00	230.00	0.00	0.00	0.00	0.00	0.00	S		0
424	D	LP13-44	V	Y	Y			Y				64	0.00	553.00	0.00	0.00	0.00	0.00	0.00	S		0
425	D	LP13-46	V	Y	Y			Y				3840	0.00	345.00	0.00	0.00	0.00	0.00	0.00	S		0
426	D	LP13-48	V	Y	Y			Y				2210	0.00	434.00	0.00	0.00	0.00	0.00	0.00	S		0
427	D	LP13-50	V	Y	Y			Y				838	0.00	140.00	0.00	0.00	0.00	0.00	0.00	S		0
428	D	LP13-52	V	Y	Y			Y				642	0.00	81.00	0.00	0.00	0.00	0.00	0.00	S		0
429	D	LP13-56	V	Y	Y		Y					3060	0.00	251.00	0.00	0.00	0.00	0.00	0.00	S		0
430	D	LP13-58	V	Y	Y		Y					526	0.00	443.00	0.00	0.00	0.00	0.00	0.00	S		0
431	D	LP13-63	S	Y	Y	Y	Y	Y	Y		Y	346	0.00	200.00	0.00	0.00	0.00	0.00	0.00			0
432	D	LP13-67	S	Y	Y	Y	Y	Y	Y		Y	1220	0.00	81.00	0.00	0.00	0.00	0.00	0.00			0
433	D	LP13-68	S	Y	Y	Y	Y	Y	Y		Y	80	0.00	74.00	0.00	0.00	0.00	0.00	0.00			0
434	D	LP13-70	S	Y	Y	Y	Y	Y	Y		Y	98	0.00	220.00	0.00	0.00	0.00	0.00	0.00			0
435	D	LP13-72	S	Y	Y	Y	Y	Y	Y		Y	80	0.00	49.00	0.00	0.00	0.00	0.00	0.00			0
436	D	LP14-35	S	Y	Y		Y	Y				1488	0.00	190.00	0.00	0.00	0.00	0.00	0.00			0
437	D	LP14-46	S	Y	Y		Y	Y				96	0.00	258.00	0.00	0.00	0.00	0.00	0.00			0
438	D	LP14-53	S	Y	Y		Y	Y				5	0.00	160.00	0.00	0.00	0.00	0.00	0.00			0
439	D	LP14-57	S	Y	Y		Y	Y				38	0.00	96.00	0.00	0.00	0.00	0.00	0.00			0
440	D	LP14-79	S	Y	Y			Y				5	0.00	91.00	0.00	0.00	0.00	0.00	0.00			0
441	D	LP14-81	S	Y	Y			Y				28	0.00	63.00	0.00	0.00	0.00	0.00	0.00			0
442	D	LP14-83	S	Y	Y			Y				5	0.00	96.00	0.00	0.00	0.00	0.00	0.00			0
443	D	LP14-85	S	Y	Y			Y				102	0.00	119.00	0.00	0.00	0.00	0.00	0.00			0
444	D	LP14-87	V	Y	Y	Y	Y	Y				2700	0.00	392.00	0.00	0.00	0.00	0.00	0.00	S		0
445	D	LP14-89	V	Y	Y	Y	Y	Y				162	0.00	252.00	0.00	0.00	0.00	0.00	0.00	S		0
446	D	LP14-91	V	Y	Y	Y	Y	Y				714	0.00	214.00	0.00	0.00	0.00	0.00	0.00	S		0
447	D	LP14-93	V	Y	Y	Y	Y	Y				116	0.00	460.00	0.00	0.00	0.00	0.00	0.00	S		0
448	D	LP14-95	V	Y	Y	Y	Y	Y				1362	0.00	317.00	0.00	0.00	0.00	0.00	0.00	S		0
449	D	LP14-97	V	Y	Y	Y	Y	Y				1240	0.00	705.00	0.00	0.00	0.00	0.00	0.00			0
450	D	LP14-99	S	Y	Y				Y			360	0.00	133.00	0.00	0.00	0.00	0.00	0.00	S		0
451	D	LP14-101	S	Y	Y				Y			82	0.00	53.00	0.00	0.00	0.00	0.00	0.00			0

452	D	LP14-103	S	Y						Y	Y			524	0.00	76.00	0.00	0.00	0.00	0.00	0.00			0
453	D	LP15-54	S	Y	Y		Y		Y					2680	0.00	146.00	0.00	0.00	0.00	0.00	0.00			0
454	D	LP15-56	S	Y	Y		Y		Y					132	0.00	130.00	0.00	0.00	0.00	0.00	0.00			0
455	D	LP15-58	S	Y	Y		Y		Y					58	0.00	56.00	0.00	0.00	0.00	0.00	0.00			0
456	D	LP15-60	S	Y	Y		Y		Y					1320	0.00	353.00	0.00	0.00	0.00	0.00	0.00			0
457	D	LP15-62	S	Y	Y		Y		Y					178	0.00	303.00	0.00	0.00	0.00	0.00	0.00			0
458	D	LP15-64	S	Y	Y		Y		Y					336	0.00	217.00	0.00	0.00	0.00	0.00	0.00			0
459	D	LP15-66	S	Y	Y		Y		Y					1600	0.00	336.00	0.00	0.00	0.00	0.00	0.00			0
460	D	LP15-68	S	Y	Y		Y		Y					74	0.00	437.00	0.00	0.00	0.00	0.00	0.00			0
461	D	LP15-70	S	Y	Y		Y		Y					46	0.00	547.00	0.00	0.00	0.00	0.00	0.00			0
462	D	LP15-72	S	Y	Y		Y		Y					222	0.00	65.00	0.00	0.00	0.00	0.00	0.00			0
463	D	LP15-74	S	Y	Y		Y		Y					360	0.00	75.00	0.00	0.00	0.00	0.00	0.00			0
464	D	LP15-76	S	Y	Y		Y		Y					112	0.00	106.00	0.00	0.00	0.00	0.00	0.00			0
465	D	LP15-78	S	Y	Y		Y		Y					58	0.00	161.00	0.00	0.00	0.00	0.00	0.00			0
466	D	LP15-80	S	Y	Y	Y	Y		Y					118	0.00	111.00	0.00	0.00	0.00	0.00	0.00			0
467	D	LP15-82	S	Y	Y	Y	Y		Y					196	0.00	121.00	0.00	0.00	0.00	0.00	0.00			0
468	D	LP15-84	S	Y	Y	Y	Y		Y					42	0.00	130.00	0.00	0.00	0.00	0.00	0.00			0
469	D	LP15-86	S	Y	Y	Y	Y		Y					60	0.00	69.00	0.00	0.00	0.00	0.00	0.00			0
470	D	LP16-28	S	Y	Y	Y			Y					52	0.00	156.00	0.00	0.00	0.00	0.00	0.00			0
471	D	LP16-30	S	Y	Y	Y			Y					20	0.00	128.00	0.00	0.00	0.00	0.00	0.00			0
472	D	LP16-48	S	Y	Y		Y		Y		Y			34	0.00	51.00	0.00	0.00	0.00	0.00	0.00			0
473	D	LP16-61	S	Y	Y				Y					274	0.00	110.00	0.00	0.00	0.00	0.00	0.00			0
474	D	LP16-91	S	Y	Y		Y		Y		Y		Y	58	0.00	85.00	0.00	0.00	0.00	0.00	0.00			0
475	D	LP16-94	S	Y	Y				Y		Y		Y	380	0.00	115.00	0.00	0.00	0.00	0.00	0.00			0
476	D	LP16-95	S	Y	Y				Y					330	0.00	112.00	0.00	0.00	0.00	0.00	0.00			0
477	D	LP16-97	S	Y	Y				Y					596	0.00	123.00	0.00	0.00	0.00	0.00	0.00			0
478	D	LP16-99	S	Y	Y		Y		Y					340	0.00	215.00	0.00	0.00	0.00	0.00	0.00			0
479	D	LP16-101	S	Y	Y		Y		Y					120	0.00	64.00	0.00	0.00	0.00	0.00	0.00			0
480	D	LP16-103	S	Y	Y		Y		Y					160	0.00	190.00	0.00	0.00	0.00	0.00	0.00			0
481	D	LP16-105	S	Y	Y		Y		Y					420	0.00	613.00	0.00	0.00	0.00	0.00	0.00			0
482	D	LP16-107	S	Y	Y		Y		Y					1162	0.00	343.00	0.00	0.00	0.00	0.00	0.00	M		0
483	D	LP16-109	S	Y	Y	Y	Y		Y					644	0.00	260.00	0.00	0.00	0.00	0.00	0.00	M		0
484	D	LP16-111	S	Y	Y	Y	Y		Y					1320	0.00	166.00	0.00	0.00	0.00	0.00	0.00	M		0
485	D	LP16-113	S	Y	Y	Y	Y		Y					162	0.00	173.00	0.00	0.00	0.00	0.00	0.00	M		0
486	D	LP16-115	S	Y	Y	Y	Y		Y					234	0.00	108.00	0.00	0.00	0.00	0.00	0.00	M		0
487	D	LP16-117	S	Y	Y	Y	Y		Y					54	0.00	115.00	0.00	0.00	0.00	0.00	0.00	M		0
488	D	LP16-119	S	Y	Y	Y	Y		Y				Y	12	0.00	311.00	0.00	0.00	0.00	0.00	0.00			0
489	D	LP16-121	S	Y	Y	Y	Y		Y				Y	40	0.00	114.00	0.00	0.00	0.00	0.00	0.00			0
490	D	LP16-123	S	Y	Y	Y	Y		Y				Y	60	0.00	130.00	0.00	0.00	0.00	0.00	0.00			0
491	D	LP16-125	S	Y	Y	Y	Y		Y				Y	40	0.00	116.00	0.00	0.00	0.00	0.00	0.00			0
492	D	LP17-132	V	Y	Y	Y			Y					60	59.00	129.00	14.00	35.00	12.00	9.00	5.92	H		983
493	D	LP17-134	S	Y	Y				Y		Y	Y	Y	20	75.00	265.00	16.00	72.00	8.00	11.00	8.10	H		3750
494	D	LP17-136	S	Y	Y				Y		Y	Y	Y	910	95.00	219.00	12.00	51.00	4.00	8.00	7.21	H		104
495	D	LP17-138	V	Y	Y	Y			Y				Y	5	20.00	110.00	11.00	7.00	4.00	6.00	3.68			4000
496	D	LP18-24	V	Y	Y	Y			Y					20	35.00	180.00	13.00	12.00	6.00	8.00	5.00	L		1750
497	D	LP18-26	V	Y	Y	Y			Y					30	62.00	230.00	16.00	50.00	5.00	8.00	8.00	M		2067
498	D	LP18-32	V	Y	Y									20	38.00	181.00	26.00	15.00	10.00	7.00	7.05	M		1900
499	D	LP18-71	S	Y	Y	Y	Y		Y					1440	112.00	255.00	12.00	19.00	33.00	10.00	8.47			78
500	D	LP18-74	V	Y	Y		Y							8640	694.00	600.00	8.00	7.00	119.00	9.00	8.35	L		80
501	D	LP18-77	V	Y	Y	Y			Y					80	29.00	183.00	14.00	4.00	4.00	5.00	4.37	L		362
502	D	LP19-33	S	Y		Y	Y		Y		Y			40	14.00	115.00	9.00	8.00	24.00	7.00	4.96	M		350
503	D	LP19-35	S	Y		Y	Y		Y		Y			5	5.00	74.00	11.00	7.00	27.00	5.00	3.79	M		1000
504	D	LP19-50	S	Y	Y	Y	Y		Y		Y			280	28.00	310.00	6.00	5.00	14.00	6.00	8.29	M		100
505	D	LP19-52	S	Y	Y	Y	Y		Y		Y			530	53.00	251.00	3.00	4.00	7.00	5.00	9.85	M		100
506	D	LP19-54	S	Y	Y	Y	Y		Y		Y			740	55.00	284.00	3.00	3.00	10.00	7.00	8.72	M		74
507	D	LP19-56	S	Y	Y	Y	Y		Y		Y	Y	Y	5	2.00	37.00	13.00	3.00	17.00	3.00	2.75			400
508	D	LP19-64	S	Y	Y	Y	Y							200	21.00	305.00	2.00	5.00	5.00	222.00	10.00		M	105
509	D	LP19-66	S	Y	Y	Y	Y							240	20.00	195.00	2.00	4.00	12.00	5.00	7.12			83
510	D	LP19-68	S	Y	Y	Y	Y		Y					70	8.00	74.00	4.00	4.00	20.00	46.00	4.60			114
511	D	LP19-70	S	Y	Y	Y	Y		Y					390	24.00	462.00	3.00	5.00	7.00	2.00	10.57		M	62
512	D	LP19-72	S	Y	Y	Y	Y		Y					140	14.00	144.00	2.00	6.00	11.00	5.00	7.45			100
513	D	LP19-73	S	Y	Y	Y	Y							40	12.00	241.00	3.00	4.00	3.00	3.00	6.74			300
514	D	LP19-74	S	Y	Y	Y	Y							50	2.00	34.00	2.00	5.00	3.00	1.00	1.39			40
515	D	LP19-75	S	Y	Y	Y	Y							1660	92.00	120.00	2.00	3.00	2.00	8.00	3.48			55
516	D	LP19-76	S	Y	Y	Y	Y							3900	268.00	378.00	2.00	3.00	3.00	34.00	11.79		M	69
517	D	LP19-77	S	Y	Y	Y	Y							500	43.00	660.00	2.00	2.00	5.00	9.00	12.47		M	86

518	D	LP19-78	S	Y	Y	Y	Y							380	27.00	251.00	2.00	4.00	8.00	13.00	9.68		71
519	D	LP19-79	S	Y	Y	Y	Y							240	21.00	241.00	2.00	4.00	13.00	4.00	9.66		88
520	D	LP19-80	S	Y	Y	Y	Y							6900	395.00	644.00	3.00	5.00	9.00	8.00	14.40	S	57
521	D	LP19-81	S	Y	Y	Y	Y							820	74.00	278.00	5.00	11.00	3.00	5.00	8.56		90
522	D	LP19-83	S	Y	Y	Y	Y			Y		Y		290	48.00	219.00	5.00	23.00	9.00	7.00	6.59 L		166
523	D	LP19-85	S	Y	Y	Y	Y			Y		Y		380	36.00	164.00	6.00	13.00	14.00	14.00	8.13 L		95
524	D	LP19-87	S	Y	Y	Y	Y			Y		Y		320	11.00	170.00	2.00	3.00	12.00	1.00	5.49 L		34
525	D	LP19-89	S	Y	Y	Y	Y			Y		Y		70	2.00	137.00	2.00	2.00	16.00	37.00	5.54 L		29
526	D	LP19-91	S	Y	Y	Y	Y			Y		Y		100	5.00	125.00	3.00	3.00	9.00	3.00	5.37 L		50
527	D	LP19-92	S	Y	Y	Y	Y			Y		Y		70	10.00	120.00	4.00	5.00	11.00	6.00	5.06 L		143
528	D	LP19-94	V	Y	Y	Y	Y	Y	Y					760	27.00	182.00	2.00	2.00	3.00	2.00	7.63		36
529	D	LP19-95	V	Y	Y	Y	Y	Y	Y					500	23.00	220.00	2.00	6.00	2.00	343.00	7.58		46
530	D	LP19-96	V	Y	Y	Y	Y	Y	Y					100	2.00	111.00	2.00	2.00	2.00	4.00	5.56		20
531	D	LP19-97	V	Y	Y	Y	Y	Y	Y					280	3.00	136.00	2.00	3.00	2.00	1.00	4.66		11
532	D	LP19-98	V	Y	Y	Y	Y	Y	Y					70	2.00	184.00	2.00	3.00	2.00	124.00	4.69		29
533	D	LP19-99	V	Y	Y	Y	Y	Y	Y					140	2.00	249.00	2.00	2.00	3.00	1.00	6.40		14
534	D	LP19-100	V	Y	Y	Y	Y	Y	Y					5600	249.00	526.00	2.00	2.00	3.00	2.00	14.01	M	44
535	D	LP19-101	V	Y	Y	Y	Y	Y	Y					6900	369.00	453.00	3.00	14.00	4.00	4.00	18.56	S	53
536	D	LP19-102	V	Y	Y	Y	Y	Y	Y					1420	101.00	417.00	3.00	4.00	4.00	3.00	12.08	M	71
537	D	LP19-103	V	Y	Y	Y	Y	Y	Y				Y	5600	266.00	154.00	4.00	12.00	3.00	5.00	14.99	M	48
538	D	LP19-104	V	Y	Y	Y	Y	Y	Y					4000	228.00	840.00	3.00	9.00	4.00	7.00	11.32	M	57
539	D	LP19-105	V	Y	Y	Y	Y	Y	Y					510	51.00	302.00	5.00	5.00	4.00	19.00	9.11	M	100
540	D	LP19-106	V	Y	Y	Y	Y	Y	Y					790	50.00	194.00	2.00	2.00	4.00	15.00	10.26	M	63
541	D	LP19-107	V	Y	Y	Y	Y	Y	Y					190	8.00	269.00	2.00	4.00	5.00	1.00	10.50	M	42
542	D	LP19-108	V	Y	Y	Y	Y	Y	Y					330	23.00	507.00	21.00	10.00	4.00	11.00	9.91		70
543	D	LP19-109	V	Y	Y	Y	Y	Y	Y					360	18.00	247.00	2.00	4.00	4.00	4.00	8.85		50
544	D	LP19-110	V	Y	Y	Y	Y	Y	Y					350	29.00	227.00	5.00	10.00	2.00	27.00	8.68		83
545	D	LP19-112	S	Y	Y	Y	Y	Y				Y		450	48.00	206.00	9.00	18.00	15.00	37.00	9.58		107
546	D	LP19-114	S	Y	Y	Y	Y	Y				Y		40	21.00	201.00	13.00	12.00	20.00	10.00	7.27		525
547	D	LP20-10	S	Y	Y						Y			5	2.00	71.00	9.00	8.00	17.00	3.00	4.00		400
548	D	LP20-18	S	Y	Y	Y	Y	Y			Y			50	37.00	246.00	14.00	37.00	8.00	12.00	9.21 H		740
549	D	LP20-23	S	Y	Y						Y			5	7.00	38.00	11.00	7.00	28.00	6.00	3.77		1400
550	D	LP20-25	S	Y	Y			Y			Y			5	17.00	161.00	9.00	11.00	18.00	8.00	5.37		3400
551	D	LP20-27	S	Y	Y						Y			5	2.00	28.00	7.00	9.00	53.00	3.00	4.35		400
552	D	LP20-29	S	Y	Y	Y	Y				Y			80	8.00	39.00	7.00	3.00	42.00	5.00	4.85		100
553	D	LP20-31	S	Y	Y						Y			5	2.00	26.00	9.00	2.00	37.00	2.00	3.86		400
554	D	LP20-33	S	Y	Y						Y		Y	10	2.00	47.00	13.00	9.00	39.00	6.00	4.40		200
555	D	LP20-35	S	Y	Y	Y					Y			5	2.00	44.00	8.00	2.00	43.00	3.00	4.13		400
556	D	LP20-37	S	Y	Y						Y			5	2.00	26.00	5.00	1.00	42.00	1.00	3.80		400
557	D	LP20-38	V	Y	Y	Y		Y						5	2.00	42.00	11.00	2.00	5.00	457.00	1.93		400
558	D	LP20-40	V	Y	Y	Y		Y						5	2.00	89.00	3.00	3.00	4.00	17.00	3.47		400
559	D	LP20-41	V	Y	Y			Y						5	6.00	130.00	15.00	12.00	18.00	13.00	9.94		1200
560	D	LP20-42	V	Y	Y			Y						5	3.00	45.00	8.00	2.00	39.00	5.00	4.63		600
561	D	LP20-43	V	Y	Y			Y						5	2.00	123.00	6.00	1.00	5.00	7.00	5.09		400
562	D	LP20-44	V	Y	Y			Y						20	2.00	84.00	5.00	1.00	2.00	5.00	2.83		100
563	D	LP20-45	V	Y	Y			Y						5	14.00	47.00	13.00	18.00	9.00	50.00	2.56		2800
564	D	LP20-50	S	Y	Y			Y		Y	Y			1120	107.00	65.00	16.00	14.00	24.00	5.00	5.83		96
565	D	LP20-51	S	Y	Y			Y		Y	Y			30	10.00	39.00	13.00	11.00	29.00	6.00	3.74		333
566	D	LP20-52	S	Y	Y			Y		Y	Y			120	10.00	145.00	8.00	4.00	15.00	5.00	6.22		83
567	D	LP20-53	S	Y	Y			Y		Y	Y			190	22.00	136.00	7.00	1.00	31.00	2.00	8.54		116
568	D	LP20-54	S	Y	Y		Y	Y		Y	Y			60	4.00	87.00	3.00	3.00	25.00	1.00	5.82		67
569	D	LP20-56	S	Y	Y			Y		Y	Y			320	39.00	347.00	5.00	10.00	11.00	6.00	18.07	S	122
570	D	LP20-65	V	Y	Y					Y	Y			5	2.00	23.00	2.00	2.00	11.00	1.00	1.56		400
571	D	LP20-66	S	Y	Y		Y	Y		Y	Y			180	24.00	161.00	8.00	8.00	38.00	6.00	7.80		133
572	D	LP20-82	V	Y	Y		Y	Y		Y	Y			10	120.00	412.00	6.00	1418.00	5.00	4.00	12.50	M	12000
573	D	LP20-91	S	Y	Y	Y		Y		Y	Y			5	2.00	71.00	40.00	13.00	5.00	1.00	3.59		400
574	D	LP20-95	S	Y	Y	Y		Y						20	2.00	155.00	197.00	7.00	5.00	2.00	5.41		100
575	D	LP20-96	S	Y	Y	Y		Y						40	12.00	73.00	169.00	10.00	10.00	9.00	3.86		300
576	D	LP20-97	S	Y	Y	Y								30	7.00	106.00	14.00	10.00	20.00	9.00	5.20		233
577	D	LP20-105	S	Y	Y	Y		Y						30	30.00	117.00	7.00	46.00	9.00	1.00	6.06 M		1000
578	D	LP20-106	S	Y	Y	Y		Y						40	3.00	112.00	11.00	3.00	12.00	4.00	5.78 M		75
579	D	LP20-107	S	Y	Y	Y		Y						10	2.00	70.00	7.00	6.00	11.00	2.00	3.65 M		200
580	D	LP20-111	S	Y	Y	Y		Y						70	28.00	112.00	13.00	13.00	12.00	6.00	4.87		400
581	D	LP20-116	S	Y	Y	Y		Y		Y	Y	Y		40	37.00	261.00	16.00	20.00	13.00	14.00	8.17 H		925
582	D	LP20-118	S	Y	Y	Y		Y		Y	Y	Y		5	26.00	225.00	9.00	15.00	7.00	6.00	10.80 H		5200
583	D	LP20-120	S	Y	Y	Y		Y		Y	Y	Y		5	22.00	168.00	7.00	9.00	6.00	7.00	6.93 H		4400

584	D	LP20-121	S	Y	Y	Y		Y	Y	Y	Y		5	41.00	119.00	9.00	21.00	2.00	5.00	5.31	H		8200
585	D	LP20-124	S	Y	Y	Y	Y	Y	Y		Y	Y	5	27.00	104.00	12.00	15.00	2.00	8.00	4.37			5400
586	D	LP20-126	S	Y	Y	Y	Y	Y	Y		Y	Y	5	21.00	283.00	8.00	12.00	4.00	7.00	16.04		S	4200
587	D	LP20-127	S	Y	Y	Y	Y	Y	Y		Y	Y	5	16.00	113.00	7.00	5.00	3.00	6.00	4.16			3200
588	D	LP20-130	S	Y	Y	Y	Y	Y	Y		Y	Y	5	17.00	134.00	11.00	5.00	5.00	6.00	4.86			3400
589	D	LP20-134	V	Y				Y					5	3.00	33.00	13.00	6.00	3.00	2.00	1.23			600
590	D	LP20-135	V	Y		Y		Y					10	5.00	82.00	25.00	7.00	5.00	1.00	3.78			500
591	D	LP20-138	V	Y	Y	Y		Y					5	2.00	58.00	6.00	2.00	2.00	1.00	2.03			400
592	D	LP20-144	V	Y	Y	Y	Y	Y					5	2.00	95.00	4.00	2.00	2.00	2.00	8.37	L		400
593	D	LP20-150	S	Y	Y	Y	Y	Y					5	20.00	353.00	13.00	11.00	4.00	9.00	11.49		M	4000
594	D	LP20-152	S	Y	Y	Y	Y	Y					20	27.00	256.00	15.00	12.00	7.00	8.00	7.59			1350
595	D	LP20-157	V	Y	Y	Y	Y	Y					5	2.00	185.00	22.00	3.00	4.00	3.00	7.26	L		400
596	D	LP20-159	S	Y	Y	Y	Y	Y				Y	100	21.00	238.00	397.00	42.00	8.00	6.00	11.16		M	210
597	D	LP20-160	S	Y	Y	Y	Y	Y				Y	100	27.00	132.00	510.00	71.00	11.00	8.00	8.84			270
598	D	LP20-162	S	Y	Y	Y	Y	Y				Y	10	19.00	25.00	94.00	14.00	4.00	6.00	1.72			1900
599	D	LP20-164	S	Y	Y	Y	Y	Y				Y	30	14.00	111.00	101.00	7.00	8.00	5.00	3.21			467
600	D	LP20-165	S	Y	Y	Y	Y	Y				Y	20	16.00	17.00	66.00	14.00	5.00	7.00	0.59			800
601	D	LP20-166	S	Y	Y	Y	Y	Y				Y	40	23.00	100.00	131.00	13.00	4.00	10.00	4.94			575
602	D	LP20-167	S	Y	Y	Y	Y	Y				Y	20	32.00	142.00	24.00	16.00	3.00	7.00	5.74			1600
603	D	LP20-170	S	Y	Y	Y	Y	Y				Y	5	6.00	127.00	21.00	11.00	2.00	5.00	4.17			1200
604	D	LP20-176	S	Y	Y		Y	Y					780	142.00	775.00	15.00	18.00	15.00	16.00	20.86	M	S	182
605	D	LP20-181	S	Y	Y	Y		Y	Y	Y		Y	130	50.00	136.00	23.00	12.00	10.00	14.00	6.98	M	M	385
606	D	LP20-186	S	Y	Y	Y		Y	Y	Y		Y	290	62.00	213.00	13.00	11.00	14.00	12.00	10.61	M	M	214
607	D	LP20-189	S	Y	Y	Y		Y	Y	Y		Y	220	60.00	215.00	48.00	21.00	16.00	19.00	11.88	M	M	273
608	D	LP21-71	S	Y	Y					Y			110	45.00	61.00	13.00	17.00	21.00	15.00	4.53			409
609	D	LP21-72	S	Y	Y					Y			480	59.00	151.00	9.00	4.00	17.00	45.00	7.63			123
610	D	LP21-76	S	Y	Y	Y		Y					1010	100.00	87.00	13.00	15.00	19.00	9.00	5.09			99
611	D	LP21-78	S	Y	Y	Y		Y					160	24.00	99.00	11.00	4.00	22.00	11.00	5.38			150
612	D	LP21-79	V	Y	Y	Y	Y	Y			Y		540	52.00	598.00	8.00	3.00	6.00	7.00	15.36		S	96
613	D	LP21-81	V	Y	Y	Y	Y	Y			Y		310	62.00	213.00	6.00	8.00	3.00	6.00	8.54			200
614	D	LP21-82	S	Y	Y	Y	Y	Y					80	29.00	98.00	10.00	12.00	12.00	13.00	5.32			362
615	D	LP21-92	S	Y	Y	Y		Y					5	9.00	38.00	10.00	12.00	3.00	4.00	1.75			1800
616	D	LP22-6	M	Y		Y		Y		Y		Y	10	33.00	50.00	10.00	26.00	3.00	1.00	2.64			3300
617	D	LP22-12	M	Y	Y	Y		Y					5	9.00	42.00	2.00	3.00	6.00	34.00	2.85			1800
618	D	LP22-18	M	Y	Y			Y					50	57.00	115.00	18.00	185.00	12.00	13.00	5.13			1140
619	D	LP22-21	V	Y	Y	Y						Y	1420	170.00	216.00	8.00	131.00	12.00	4.00	7.92			120
620	D	LP22-24	M	Y	Y	Y		Y				Y	660	75.00	66.00	3.00	7.00	5.00	1.00	3.62	S	H	114
621	D	LP22-38	M	Y	Y	Y	Y						70	25.00	152.00	2.00	14.00	3.00	2.00	8.37		H	357
622	D	LP22-42	M	Y	Y		Y			Y		Y	20	24.00	141.00	2.00	3.00	9.00	1.00	4.19		H	1200
623	D	LP22-82	S	Y	Y	Y		Y	Y	Y			50	9.00	54.00	10.00	3.00	13.00	1.00	3.19	M		180
624	D	LP22-104	S	Y	Y	Y		Y	Y	Y			5	7.00	45.00	11.00	22.00	8.00	4.00	2.29	M		1400
625	D	LP22-107	S	Y	Y	Y				Y			10	28.00	41.00	15.00	116.00	19.00	9.00	3.66	M		2800
626	D	LP22-109	S	Y	Y	Y				Y			20	16.00	42.00	17.00	65.00	603.00	26.00	3.64			800

APPENDIX III

J.C.STEPHEN EXPLORATIONS LTD.
North Vancouver, B.C.

DRILL HOLE RECORD

Property Tay-LP	District Watson Lake M.D.	**HOLE NO. LP 88-17**	Claim	
Commenced 26/9/88	Location	Tests at -	Hor. Comp.	
Completed 28/9/88	Core Size BQ	Dip -45 deg.	Vert. Comp.	
Co-ordinates 4+90S/11+65E	Elev.	True Brg. 242 deg.	Logged by R.R./L.K.	
Objective	Length 152.7m (501 ft.)	% Recov. 95-97%	Date Oct./88	

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au(ppb)	Au oz/ton
0 -	14.00	Overburden				
14.00 -	100.90	Deformed Black Shale: Black carbonaceous + micaceous shales (with lesser pale grey-dark grey shales). Extensive narrow quartz veinlets. 0.5-1% pyrite in quartz veinlets + occasional massive pyrite veins up to 2cm wide locally abundant calcite veinlets. Well developed cleavage at high angle to bedding; range 40-90 deg to C.A. (normal 50-75 deg to C.A.) - bedding often subparallel to C.A. Very low grade metamorphism; development of micaceous cleavage surfaces and incipient "spotting" (incomplete small porphyroblasts). Locally strong folding; sometimes sheared and badly brecciated- core very soft and broken in some sections. 22.60-23.30: Quartzite (qz-chlorite-pyrite). up to 10% py. diss + veinlets. 78.50-78.95: Ash or tuff. Pale grey, soft, clay-rich unit with 1-2% py as narrow, wispy grains aligned along bedding/cleavage. 80.75-83.70: Altered Ultramafic Rock: Quartz-carbonate-mariposite-pyrite unit. Heavily veined (brecciated and healed) by quartz, calcite and magnesite (or ankerite). Up to 3-4% py. upper contact: broken core. lower contact: 80 deg to C.A. with narrow (3 cm) zone of hard breccia. 86.45- 100.90: extremely soft, crumbly, strongly sheared black & grey shales + minor green shale.				
100.90-	152.70	Quartz-Muscovite-Biotite-Chlorite-Schist: with 5% or less interbands of marble. Foliation 20-60 deg to C.A. ; disturbed near upper contact and around local fold hinges. Minor qz + calcite veinlets, locally w. chlorite. Pyrite (0.1-0.2%) diss in schist and in qz veinlets. Rarely, small grains of Po (weak-moderate magnetism) in qz. veinlets. 103.90-104.10: Tm + qz replacing biotite schist along foliation. Minor qz veining. no sulphides. 107.00-107.20: as 103.90- 104.10				

J.C.STEPHEN EXPLORATIONS LTD.
North Vancouver, B.C.

DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-17
Commenced	26/9/88	Location		Tests at	-
Completed	28/9/88	Core Size	BQ	Dip	-45 deg.
Co-ordinates	4+90S/11+65E	Elev.		True Brg.	242 deg.
Objective		Length	152.7m (501 ft.)	% Recov.	95-97%

Claim
Hor. Comp.
Vert. Comp.
Logged by R.R./L.K.
Date Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au(ppb)	Au oz/ton
		119.15- 119.50: Qz vein, 5-10 cm. wide, 35 deg to C.A., x cuts foliation (also 35 deg to C.A. here), carries po, py, tm. Po strongly magnetic. Tm replaces schist along foliation. One grain of magnetite wholly enclosed by po; 1 tiny grain blue-grey metallic mineral within qz.				
		126.00-126.60: narrow irregular qz vein parallel to C.A. Minor Tm, approx 1% po (strongly magnetic)				
		128.70- 128.90: Patchy + Diss. Po to 5% in schist parallel to Foliation (10-15 deg to C.A.) Po strongly magnetic. Chlor-Bi-Qz schist. Minor py and minor associated qz + chlor veining. Overall sulphides 5% of section. Po: Py= 5:1				
		132.85-133.50: Qz vein (15 cm) with Tm selvedges in schist. 5% Po in vein; strongly magnetic Trace py.	360208	0.65	60	
		134.85-135.20: patchy Tm + qz following foliations and locally xcutting; up to 5% Po (strongly magnetic).	360209	0.35	20	
		136.20-136.35: as above	360210	0.15	910	0.032
		138.10-138.60: Qz-Tm-Po veining with minor diss. Po in adjacent schist. Vein Xcuts foliation; vein perpendicular to C.A. /Foliation 40 deg to C.A. Po approx 2% of section (strongly magnetic). Trace py. minor calcite in vein.	360211	0.50	5	
		140.80-141.20: Tm + Qz replacing schist along foliation; Trace po, Py only.				
	152.70	End of Hole				

J.C.STEPHEN EXPLORATIONS LTD.
North Vancouver, B.C.

DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-18	Claim	
Commenced	28/9/88	Location		Tests at	-		Hor. Comp.
Completed	30/9/88	Core Size	BQ	Dip	-45.0 deg		Vert. Comp.
Co-ordinates	30+10S/6+70E	Elev.		True Brg.	242 deg		Logged by R.R./L.K.
Objective		Length	99.4m (326 ft)	% Recov.	97%		Date Oct./88

Footage From		Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
0	-	10.00	Overburden				
10.00	-	99.40	Quartz-Muscovite-Biotite-Chlorite Schist: minor marble interbands (<5%) Foliation 40-90 deg to C.A. except around small folds and in crumpled zones close to quartz vein contacts. 13.85-14.05: Qz veins (15-20 cm), minor chlorite, Po, Py. Contacts parallel to foliation (upper 65 deg to C.A. ; lower 85 deg to C.A.) 23.20-23.50: Schist replaced by Tm, with minor Qz, calcite bands, approx. 5% Py. Contacts parallel to foliation (60 deg to C.A.)				
			23.90-24.60: Qz-Tm vein + 5-10% Po (V. weakly magnetic), 1% Py. Upper contact parallel to foliation (perpendicular to C.A.) , lower in broken core.	360183	0.30	20	
			25.75-26.60: Tm. vein- minor Qz, 3% Py, 1% Po (mod. mag.) U. contact parallel to foliation (60 deg to C.A.); lower in broken core	360184	0.70	30	
			32.25-32.30: Qz vein w. 0.5% Po (moderately magnetic) parallel to foliation (80 deg to C.A.).	360185	0.85	20	
			71.90-72.40: Schist with 5% sulphide mineralization as diss. + veinlet po + py + tr. cpy. Minor Tm. Contacts parallel to foliation (85-90 deg to C.A.) 4% po, 1% py.	360186	0.50	1440	0.054
			73.80-74.50: Qz vein with 10-15% Po, 0.5% cpy. Po weakly magnetic. Contacts parallel to foliation: upper - 85 deg to C.A. Lower - 60 deg to C.A.	360187	0.70	8640	0.315
			77.10-77.20: Qz vein, 1% Po (weakly magnetic) minor Py, Tm, selvedges.Contacts parallel foliation; in broken core. (Sample 360188 77.1- 79.0m)	360188	1.90	80	
			77.76-79.00: Qz vein + tm- 2 to 5% sulphides Po: Py = 5:1. Po weak to moderately magnetic.				
			98.40-99.15: zone of small Qz veins and irregular patches with Tm, Po in folded, crumpled schist. Po strongly magnetic. Tm vein (10 cm) @ 98.90 m. Veining approx. 10% of section.				
		99.40	End of Hole				

J.C.STEPHEN EXPLORATIONS LTD.
North Vancouver, B.C.

DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-19	Claim
Commenced	30/9/88	Location		Tests at 99m (325 ft)	Hor. Comp.
Completed	1/10/88	Core Size	BQ	Corr. Dip -48 deg (collar -45 deg)	Vert. Comp.
Co-ordinates	28+00S/2+50E	Elev.		True Brg. 242 deg	Logged by DMQ/ R.R.
Objective		Length	123.7m (406 ft.)	% Recov. 95-97%	Date Oct.2/88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
0	19.2	Overburden				
19.2	33.3	Chlorite Schist - Foliation @ 60 deg to C.A.- minor disturbed, folded (crumpled sections) generally soft-reacts mildly to dil. Hcl. -minor Ca CO_3. Non-magnetic. Thin (1.0 cm) xcutting tourmaline veinlets. -10 cm qtz vein (barren) at 23.5 m- 60 deg to C.A.				
33.3	37.6	Chlorite Schist - vuggy qtz-py patches - m. cpy -slightly bleached lt. grey appearance -variably silicified -10 cm qtz - Po vein @ 35.65 (with minor py, cpy), 8 cm - tourmalined section @ 37.15 -strong folding in schist - pyrrohotite is moderately magnetic -say 2 to 4% to sulfides				
		33.3 to 35.3	360026	2m	40	
		35.3 to 37.3	360027	2m	5	
37.6 -	50.1	Chlorite Schist - Foliation @ 75 deg to C.A. Minor tourmalinization parallel to foliation - One tourmaline band every 2-3 cm. 43.2-10 cm - tourmalinized -silcified schist to 50% tm , 50% grey qtz 49.7-49.9 - drag folded section + occasional 2-3 mm Po veinlets.				
50.1 -	56.0	Silicified Schist- variably silicified - Po to 50% in section -average content say 20% Po- always with quartz and tourmaline. -foliation @ 50 deg to C.A. - Po moderately magnetic				
		50.1-52.1	360028	2.0	280	
		52.1-54.1	360029	2.0	530	0.021
		54.1-56.0	360030	1.9	740	0.023
56.0 -	64.0	Chlorite Schist - Foliation @ 60 deg to C.A. -Tourmaline band parallel to foliation at 2 per cm. -62.35 - 45 cm Qtz vein- Po to 5%, Coarse Calcite to 10% Minor muscovite. Contact parallel to foliation @ 60 deg to C.A.				
		61.8 - 62.75	360031	0.95 m	5	

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-19	Claim
Commenced	30/9/88	Location		Tests at 99m (325 ft)	Hor. Comp.
Completed	1/10/88	Core Size	BQ	Corr. Dip -48 deg (collar -45 deg)	Vert. Comp.
Co-ordinates	28+00S/2+50E	Elev.		True Brg. 242 deg	Logged by DHQ/ R.R.
Objective		Length	123.7m (406 ft.)	% Recov. 95-97%	Date Oct.2/88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
64.0 -	73.65	Mineralized Schist -contorted foliation - to 50% of core in patches of 1 m length. Silicified- silicification & mineralization parallel to foliations - sulfides to 40%, locally-averaging to 20%, mainly Po - m. py, cpy. -patches of tourmaline alt- primarily in qtz vein sections, @ 68-68.2, 69-69.08, 70.2 to 70.4 , 71.15 to 71.40, 72.6 to 72.8 - all contacts with schist subparallel to parallel to local foliation (from 60 deg to 0 deg to C.A. and locally contorted) - Po is moderately magnetic.				
		64.0 - 66.0	360032	2 m	200	
		66.0 - 68.0	360033	2 m	240	
		68.0 - 70.0	360034	2 m	70	
		70.0 - 72.0	360035	2 m	390	
		72.0 - 73.65	360036	1.65 m	140	
		73.65 - 74.7	360037	1.05	40	
		74.7 - 75.7	360038	1.0	50	
		75.7 - 76.7	360039	1.0	1660	0.054
		76.7 - 77.7	360040	1.0	3900	0.141
		77.7 - 78.7	360041	1.0	500	0.019
		78.7 - 79.7	360042	1.0	380	
		79.7 - 80.7	360043	1.0	240	
		80.7 - 81.7	360044	1.0	6900	0.207
		81.7 - 82.7	360045	1.0	820	0.028
73.65 -	82.7	Qtz - Po- Tm Vein - To 20% sulfides - mainly magnetic Po., m cpy, py. Varies from massive-generally weakly mineralized qtz @ 75-76 , to heavily Po rich (to 40%) at 76.5 to 76.8, 81.4 to 81.6 Schist inclusions at 78.2 to 78.5 -contorted bedding to 25% of core, with py, m.cpy. Tm alteration to 2 cm wide in veins and patches crosscutting foliation in schist assoc. with fine grained py. Note: Strongly magnetic and non-magnetic pyrrhotite grains occur together.				
82.7 -	93.9	Mineralized - Muscovite- Po- Biotite Schist - foliation from 55 deg to parallel to C.A.				

J.C.STEPHEN EXPLORATIONS LTD.
North Vancouver, B.C.

DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-19	Claim
Commenced	30/9/88	Location		Tests at 99m (325 ft)	Hor. Comp.
Completed	1/10/88	Core Size	BQ	Corr. Dip -48 deg (collar -45 deg)	Vert. Comp.
Co-ordinates	28+00S/2+50E	Elev.		True Brg. 242 deg	Logged by DMQ/ R.R.
Objective		Length	123.7m (406 ft.)	% Recov. 95-97%	Date Oct.2/88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		-parallel to C.A. from 91.4 to 93.9 . Po generally in patches subparallel to foliation -average 10% sulfides- generally weakly magnetic Po- minor - cpy throughout - minor py. -Qtz - Po veins at 83.6 83.7 83.95 84.13 x 5 cm wide 84.33 - 84.88, 86.1-86.3, 86.65- 87.0, 87.4- 87.95, 88.4-88.7, 88.8-88.94, 91-91.38.				
		-schist generally soft - not silicified				
		82.7 - 84.8	360046	2.1	290	
		84.8 - 86.9	360047	2.1	380	
		86.9 - 88.9	360048	2.0	320	
		88.9 - 90.8	360049	1.9	70	
		90.8 - 91.8	360050	1.0	100	
		91.8 - 93.9	360101	2.1	70	
		Best mineralized sections always have tourmaline alteration.				
93.9 -	111.5	<u>Qtz-Po-Vein</u> - Tourmaline Alt -overall 15- 20% sulfides -irregular upper contact - lower contact parallel to foliation - 55 deg to C.A. Alteration - generally wispy bands of tourmaline from 1 mm to 2 cm wide - schist inclusions are silicified to a lt. grey color. Mineralization generally Po- m py, mcpy. Massive tourmaline+po (to 40%) at 101-101.5, 102,7-102.9, 103.6-103.8, 106.3- 106.7, 107.5- 107.7, 108-108.4, 110.5-110.7 -note Po is generally moderately magnetic -Visible gold-one small speck .2mm @ 108.20 - at margin of qtz inclusion (rounded) near massive Po section -assoc. with m cpy - tourmaline banding -77% core recovery (changed bits at this point- some core ground)				
		93.9 - 95.0	360102	1.1	760	0.024
		95 - 96	360103	1.0	500	0.018

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-19	Claim
Commenced	30/9/88	Location		Tests at 99m (325 ft)	Hor. Comp.
Completed	1/10/88	Core Size	BQ	Corr. Dip -48 deg (collar -45 deg)	Vert. Comp.
Co-ordinates	28+00S/2+50E	Elev.		True Brg. 242 deg	Logged by DMQ/ R.R.
Objective		Length	123.7m (406 ft.)	% Recov. 95-97%	Date Oct.2/88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		96 - 97	360104	1.0	100	
		97 - 98	360105	1.0	280	
		98 - 99	360106	1.0	70	
		99 - 100	360107	1.0	140	
		100- 101	360108	1.0	5600	0.196
		101- 102	360109	1.0	6900	0.255
		102- 103	360110	1.0	1420	0.054
		103- 104	360111	1.0	5600	0.227
		104- 105	360112	1.0	4000	0.130
		105- 106	360113	1.0	510	0.018
		106- 107	360114	1.0	790	0.026
		Note: @103.5 in Quartz vein- Po bleb shows some replacement by pyrite. Cpy grains and possible scheelite (?). Carbonate blades in void.				
		107- 108	360115	1.0	190	
		108- 109	360116	1.0	330	
		109- 110	360117	1.0	360	
		110- 111.5	360118	1.5	350	
111.5 -	123.7	Muscovite Schist - mineralized				
		-foliation @ 70-75 deg to C.A. except near drag folded sections from 111.5 - 115.7 and 122.7 - 123.7				
		111.5- 113.5	360119	2.0	450	
		113.5- 115.5	360120	2.0	40	
		Mineralization - 111.5 to 115.0 - to 20% Po-Tourmaline				
		-mcpy- py assoc @ vugs - lined with Qtz				
		-massive Po (to 40%) @ 112-112.4				
		114 - 114.3				
	123.7	End of Hole				

J.C.STEPHEN EXPLORATIONS LTD.
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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-62 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
0	5.30	Overburden				
5.3	38.7	Chlorite Schist - generally < 2% sulfides. Foliation 40-45 deg to C.A.				
		locally - to 20 deg to C.A. @ 5.3, 11.2 - 11.7, 16 - 16.8, crumpling @ 19.1m.				
		10.82 - 11.0	360121	18cm	5	
		18.40 - 18.60	360122	20cm	50	
		Alteration - minor silicification near section with foliation subparallel to C.A.				
		18.4 m - 10 cm tourmaline - Po vein m-cpy,to 60% sulphides-very magnetic Po., 10.85 -				
		7 cm altered schist fragment- silicified. Tourmaline, +Po and py parallel to foliation.				
		Structure - 10 cm sheared schist fragment @ 13.90, 21.4 - 21.6, intensely fractured				
		schist - 90% recovery (20.1- 21.6)				
		Qtz - Po- tourmaline veins 25.3 - 25.4				
		@ 25.5 - 5 cm parallel to foliation 30 deg to C.A.				
		@25.7 - 10 cm, 25% tourmaline				
		30.55 - 4 cm - to 30% Po m py, cpy 45 deg to C.a.				
		33.40 - 30 cm - Qtz calcite - m sulphides, parallel to foliation @ 50 deg to C.A.				
		23.2 - 25.2	360128	2.0m	5	
		25.2 - 27.2	360123	2.0m	5	
		27.2 - 29.2	360124	2.0m	5	
		29.2 - 31.2	360125	2.0m	80	
		31.2 - 33.2	360126	2.0	5	
		33.2 - 35.2	360127	2.0	10	
		35.2 - 37.2	360129	2.0	5	
		37.2 - 38.7	360130	1.5	5	
		-shear @ 34.0 - adjacent to Qtz -calcite vein- with inclusions of grey schist @ py and po in qtz matrix.				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
38.7 -	46.0	Mineralized Schist/Vein				
		38.7 - 40.8 Qtz tourmaline vein- schist fragments are silicified -foliation sub parallel to C.A. Generally < 5% sulfides, -tourmaline (brown) to average of 30% (note Tm is brown on core ground surface, black on split surface)				
		40.8 - 44.1 - Qtz tm vein -schist inclusion 41.25 - 43.8 - foliation @ 20 deg to C.A. - variably silicified parallel to foliation. Qtz - Po - Tm vein @ 50.7 - 50.82 - to 60% Po, 25% Qtz, - m cpy, 10% coarse calcite -massive fg. tourmaline - 43.8- 44.1				
		44.1 - 46.0 - Qtz tour vein				
		38.7 - 40.0	360131	1.3m	5	
		40 - 41	360132	1.0	5	
		41 - 42	360133	1.0	5	
		42 - 43	360134	1.0	5	
		43 - 44	360135	1.0	5	
		44 - 45	360136	1.0	20	
		45 - 46	360137	1.0	5	
46.0 -	50.75	Quartz - Chlorite- Biotite Schist: Minor Amounts of marble (5%) as inter bands from few mm to 5 cm. Foliation 45 - 30 deg to C.A. (flattening downhole). Few thin (1mm - 5 mm) qz - Po veinlets 45 - 60 deg to C.A. (and near perpendicular to foliation) Veinlets have thin Tm. Selvedges. Po also as minor disseminations in schist (locally). Po weakly magnetic.				

J.C.STEPHEN EXPLORATIONS LTD.
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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
50.15 -	67.70	Veined Qz - Chlorite - Biotite Schist :				
		Similar to previous section - minor amounts of marble as interbands ; locally to 20% of schist (51.0- 51.60).				
		Frequent veins varying from massive pyrrhotite (few mm to 10 cm) to Quartz veins with minor amounts of Po. Most veins have some associated tourmaline.				
		50.15 - 51.15	360138	1.0	1120	0.044
		51.15 - 52.10	360139	0.95	30	
		52.10 - 53.20	360140	1.10	120	
		Po also occurs as narrow bands of Diss. Po with fine grained Tm in Schist parallel to foliation (bands to 1 cm wide). Po magnetism quite variable from weak to strong in larger masses; some tendency for Diss. Po in Schist to be strongly magnetic and some larger masses in veins are weakly magnetic.				
		Foliation : Generally regular, some crumpling in sections of marble normally 40- 50 deg to C.A. Local short sections to 30 and 80 deg to C.A.				
		Veining: 50.15 - 50.55 : Patchy Qz - Po - Tm veins and one 1 cm massive Po veinlet (70 deg to C.A. and almost perp. to foliation)				
		50.70: 1 cm band diss. Po + tm. parallel to foliation				
		51.05: 1 cm fault 60 deg to C.A. - sharp contacts, cuts foliation, folded schist with qz, minor Po.				
		51.50 - 51.90: - Dark chl- bi schist + Tm with 2- 3 % Diss. Po. and few thin x-cutting Qz- Po. veinlets.				
		52.10 - 53.20: - minor Diss. Po. in dark Chl-Bi-Tm Schist several 1-2 cm Qz- Po veins @ 45 - 60 deg to C.A. (x-cut foliation) 10 cm Qz - Po vein @ 53.0				
		53.20- 54.20 : - minor Diss. Po- Tm bands in Schist. At 53.60 3 cm fine grained Po-Tm vein xcuts foliation in shape of a fold hinge.				
		54.20-55.40: - at 54.50 - 54.60 coarse Qz- Po vein with Tm. Selvedges at 20 deg to C.A.- xcuts foliation. Minor cpy (2% of sulphide)				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		53.20 - 54.20	360141	1.0 m	190	
		54.20 - 55.40	360142	1.2	60	
		55.40 - 56.50	360143	1.1	320	
		55.40 - 56.50: - Coarse Qz- Po vein 55.40 - 55.50. @ 35 deg to C.A. Xcuts foliation. Some f. gr Qz- Po replacement in adjacent schist wallrock to 10 cm above upper contact and with Tm in wallrock to next Qz - minor Po vein @ 55.70 - 55.85. Patches of coarse Po with Tm. below this vein to 56.00.				
		56.20 - 56.50 : - coarse Qz - Po vein with abundant massive Po (v. weakly magnetic)				
		56.50 - 64.50 : Thin Po ± Tm ± Qz veins + veinlets in schist- 3mm to 4 cm wide. Average 5 per metre.				
		64.50 - 65.40: Coarse Qz vein with 2-5% Po., schist frags.				
		65.70 - 67.20: Schist - approx 40% is Tm-Po zones, mostly replacement with some x-cutting features. Cpy approx 1-2% of sulphides. Most Po weakly magnetic- very variable.				
		64.50- 6570	360144	1.3	5	
		65.70 - 67.20	360145	1.5	180	
67.70 -	73.60	Quartz-Chlorite-Biotite-Muscovite Schist and Marble: Marble as thin bands (few mm to 1 cm). Foliation 30 to 80 deg to C.A. - normally 60 deg to C.A. minor folding/crumpling/crenulation. Veinlets 5 mm to 2.5 cm - calcite + po ± Qz : 3 veins/metre				
73. 60 -	90.0	Quartz - Chlorite-Biotite- Schist + Marble : Interbanded marble and schist - thin bands of marble (mm to cm) to 50% of unit. Foliation variable - locally sub parallel to C.A. - normally 40-50 deg to C.A.				
		Stronger folding and crumpling than before. Minor Qz-Tm-Po replacement bands and veins throughout: bands parallel to foliation. Veins Xcut foliation 0 - 90 deg to C.A. Locally calcite in or near veins. Po moderate to strongly magnetic. A few thin (mm) Qz-Tm-Py veinlets without Po. Cpy v. minor in a few veins only.				
		81.50 - 82.10: coarse Qz-Po vein with 2 cm. Tm selvedge on upper contact (perp to C.A. / subparallel to foliation) and 10 cm Tm + po selvedge on lower contact (perp. to C.A./ subparallel to foliation). Trace cpy (<1% of sulphide). Po moderately magnetic (variable).				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		81.50 - 82.10	360146	0.6	10	
90.0 -	193.6	Quartz + Tourmaline Alteration/Replacement of Schist:				
		Minor sections of Qz-Chlor-Bi-musc. schist with minor marble as before. Many large sections of Qz + Tm replacing Schist bands. Stronger zones have x cutting veins, breccias, variable sulphide content. Foliation in schist quite regular (30 - 50 deg to C.A.). In replacement zones, foliation often subparallel to C.A. and shows folding, crumpling.				
		90.20- 92.00 - Qz- Tm zone, Approx 2-3 % sulphide. Py > Po. Minor veinlets of creamy carbonate (ankerite?) @ 91.96 m.				
		94.40 - 94.50: x cutting 5 mm veinlets of brown mineral (Tm or cassiterite?) in Qz + Black Tm Schist with Py.				
		94.50 - 95.50: Qz-Tm zone in Schist : 3% Py, 0.3% Po.				
		95.80 - 96.60 : Qz zone with 5% sulphides (py = Po) heavy Tm zone over 20 cm at base. Minor carbonate.				
		90.20 - 92.00	360147	1.8	5	
		94.50 - 95.50	360148	1.0	20	
		95.50 - 96.60	360149	1.1	40	
		96.60 - 98.00	360150	1.4	30	
		96.60 - 98.00: Schist with variable Qz replacement (No Tm); some Qz veining (total 35 cm. in 4 zones). Sulphide patches in veins (10-15% of veins) with Po: Py = 10:1. Veins x cut foliation and run 60-70 deg to C.A.				
		104.70 - 105.10: Coarse Qz vein; contacts parallel to foliation (70 deg to C.A.) 5% sulphide (90% Po, 10% Py), Minor Tm in vein.				
		105.40 - 108.50: Weak Qz- sulphide mineralization as veins and schist replacement (minor Tm) . Veins 1 cm - 20 cm; x cut foliation at 45 - 60 deg to C.A. Foliation 30 deg to C.A. Sulphides 3 - 5 % of section; 95% Po. Rest Py. Po moderate to strong magnetism.				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		115.65 - 122.0 : Major zone of tourmaline replacement, breccias, qz. veining, overall sulphide content quite low; Po and Py in approximately equal amounts, usually do not occur together. Po seems earlier than Py. Po often strongly magnetic. Short Sections of musc-Bi Schist with some veining. Chlorite occasionally in narrow veins.				
		122.0 - 159.45: Muscovite- biotite schist with minor amounts of chlorite, carbonate, variable amounts of tourmaline quartz and sulphide veining and replacement. Foliation 30 deg to C.A. to subparallel to C.A. - veins x cut foliation. Some crumpling, sulphide content low (2 - 3%), most Po in veins and branching patches to 5 cm wide, Minor Py, Trace cpy.				
		104.70 - 105.10	360151	0.4	30	
		105.10 - 107.0	360152	1.9	40	
		107.0 - 108.50	360153	1.5	10	
		110.50 - 111.70	360154	1.2	70	
		115.65 - 117.60	306155	1.95	40	
		117.60 - 119.10	360156	1.50	5	
		119.10 - 120.40	360157	1.30	5	
		120.40 - 122.0	360158	1.60	5	
		123.80 - 125.0	360159	1.20	5	
		126.0 - 126.6	360160	0.60	5	
		126.6 - 127.6	360161	1.00	5	
		129.7 - 131.1	360162	1.40	5	
		Most Po quite strongly magnetic.				
		132.40 - 10 cm Tm- Qz vn @ 90 deg to C.A. - xcuts foliation (50 deg to C.A.)				
		133.65- 134.25 - Tm-Qz vein + replacement zone				
		134.90 - 135.30 - Tm- Py- Qz vein/replacement in crumpled schist. Foliation subparallel to C.A. (elsewhere 70 deg to C.A.)				
		137.10 - 138.40 - Qz veining with Tm selvedges + patches. Upper contact 40 deg to C.A. Lower contact 20 deg to C.A. 1% Po (po: Py = 10:1)				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		138.40 - 144.25 : Schist with occasional narrow (<10 cm) Qz- Tm- Po ± Py veins. Po weakly- moderately magnetic. Foliation 60 - 80 deg to C.A.				
		144.25 - 144.75 : Qz + Tm vein with 4% Po, Po: Py= 5:1, trace cpy. po weakly magnetic.				
		144.75 - 150.00 : Schist with minor Qz- Tm ± Po ± Py ± cpy veins.				
		150.00 - 152.60 : Breccia zone of angular schist clasts in Tm + Po matrix. Py + cpy in thin late x-cutting veinlets. Po weak to strong magnetism. Contacts gradational to less broken schist. Most of bx is clast-supported, sulphides = 5% mostly Po.				
		133.65 - 134.40	360163	0.75	5	
		134.90 - 135.30	360164	0.40	10	
		137.10 - 138.40	360165	1.30	5	
		144.25 - 144.75	360166	0.50	5	
		150.00 - 151.20	360167	1.20	5	
		151.20 - 152.60	306168	1.40	20	
		157.15 - 157.90	360169	0.75	5	
		158.50 - 159.45	360170	0.95	100	
		152.60 - 157.15: Schist with occasional narrow Qz-Tm veinlets with Po, Py, Po : variable to strongly magnetic. Foliations 30 - 85 deg to C.A.				
		157.15 - 157.90 : Qz - Tm vein zone with some included (partly replaced) schist. Po and Py in diss/ veins/ patches (Po: Py= 1:1) U contact: 90 deg to C.A.; L contact: 55 deg to C.A.; Po very weakly magnetic.				
		158.50 - 159.45: Crumpled schist with abundant Tm-Py veining, some Qz (less Po), Po weak to strong magnetism (very variable) Foliation 50 - 60 deg to C.A.				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-20	Claim
Commenced	1/10/88	Location		Tests at 193.5m (635 ft.)	Hor. Comp.
Completed	3/10/88	Core Size	BQ	*Corr. Dip -68 deg (Collar -45 deg)	Vert. Comp.
Co-ordinates	21+00S/3+00E	Elev.		True Brg. 242	Logged by D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov. 95%	Date Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
159.45 -	177.30	Tourmaline zone - heavily tourmalinized schist - with lesser Qz + calcite veining, bx, po, py mineralization, minor carbonate. Often strongly factured and broken (broken section 158.5 to 165.5; recovery 75 to 100% ; average 90%). Short sections of crumpled schist; often silicified. Predominantly schist below 171.50 with lesser Tm + sulphide mineralization. Po, Py in approx. equal amounts. Trace cpy. Total sulphides 3- 5%. Possible minor scheelite (?) esp. 170-171. Po variable- moderate to strongly magnetic.				
		159.45 - 161.50	360171	2.05	100	
		161.50 - 163.30	360172	1.80	10	
		163.30 - 164.60	360173	1.30	30	
		164.60 - 165.50	360174	0.90	20	
		165.50 - 167.00	360175	1.50	40	
		167.00 - 168.40	360176	1.40	20	
		169.80 - 171.50	360177	1.70	5	
		175.80 - 177.30	360178	1.50	780	0.020
		175.80 - 177.30: replacement zone of po + qz (50:50) Po moderately magnetic.				
177.30 -	193.60	Quartz - chlorite-Biotite Schist - generally hard and silicified. Marble bands 3-5% (increasing towards base) Several zones of qz- Tm- Po (po moderately to strongly magnetic), as veins and narrow breccias. Sulphides approx 3% of section, most Po. Po: py= 7:1 foliation 50 - 75 deg to C.A. Locally crumpled. Principal mineralized intervals at 180.95 - 182.30, 185.90 - 187.30, 188.80- 189.50. Few late 1 cm calcite veinlets xcut mineralization - 40 deg to C.A.				
		180.95 - 182.30	360179	1.35	130	
		185.90 - 187.30	360180	1.40	290	
		188.80 - 189.50	360181	0.70	220	
193.60 -	196.20	Andesite Dyke: Grey-green, fine grained, amygdaloidal (coarse in centre, smaller towards contacts inferring chilled margins) . Upper contact - 60 deg to C.A.; Lower contact - 90 deg to C.A.				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-20	Claim	
Commenced	1/10/88	Location		Tests at	193.5m (635 ft.)	Hor. Comp.	
Completed	3/10/88	Core Size	BQ	*Corr. Dip	-68 deg (Collar -45 deg)	Vert. Comp.	
Co-ordinates	21+00S/3+00E	Elev.		True Brg.	242	Logged by	D.MacQuarrie/R. Robertson
Objective		Length	217.9m (715 ft.)	% Recov.	95%	Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
196.20 -	216.25	Schist and Marble: Skarny biotite schist bands and lenses in hard (silicified?) marble or dolomite (similar to base of 177.30 - 193.60) musc- schist predominates in central portion. Foliation 40 - 90 deg to C.A. Some crumpling. Mineralized biotite-schist 199.50 - 201.50. 2 - 10% Po- strongly magnetic to variable to moderately magnetic. Quartz Veins w. Po (some Tm) xcutting Py veinlets: From 203.70 - 204.10 : upper contact - 53 deg to C.A.; Lower Contact - 54 deg to C.A. Qz + large patches massive Po, schist fragments replaced by Tm, tr. Py. 205.75 - 206.40: U Contact 30 deg to C.A. Lower contact gradational in broken veined schist Qz + Po + Tm + minor Py				
216.25 -	217.20	Grey Volcanic Dyke- U Contact 50 deg to C.A. (chilled margin) xcuts foliation. L Contact broken core. Small tabular plag. phenos. w. greenish alteration in f. grey brown matrix.				
217.20 -	217.65	Muscovite Schist - thin Qz + calcite veinlets . Tr. Po				
217.65 -	218.00	White Altered Volcanic: badly broken . Clay altered (kaolin?) : U. Contact 65 deg to C.A.				
	218.00	End of Hole				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-21	Claim
Commenced	3/10/88	Location		Tests at	Hor. Comp.
Completed	5/10/88	Core Size	BQ	Dip -45	Vert. Comp.
Co-ordinates	26+00S/1+65E	Elev.		True Brg. 062 deg	Logged by R.R./L.K.
Objective		Length	111.5m (366 ft.)	% Recov.	Date Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
0 -	12.50	Overburden				
12.50 -	60.00	Marble and Biotite-Chlorite Schist: Interbanded, marble> schist. Schist % increases downhole. Schist bands 1 mm- 1 cm. Biotite occurs along contacts between marble and chlorite schist; skarny appearance. Foliation regular (40-70 deg to C.A.) Steepening locally to 90 deg to C.A. in lower 15 m. of section. Few narrow (<10 cm) barren quartz veins.				
60.00 -	111.60	Chlorite-Muscovite Schist: Chlorite and biotite predominate in upper part of unit (with minor amounts of marble); biotite primarily at contacts between chlorite schist and marble. Marble bands generally 5% of unit or less. Increasing muscovite + chlorite in lower part of unit- no marble bands here. Foliation regular; 45-70 deg to C.A. 61.40 - 62.30: zone of crumpled schist with qz. veinlets + patches; po. patches + blebs (weak to moderate magnetism). Total sulphides < 1% . Minor py-chlorite in some veinlets.				
		70.70 - 73.70: narrow (average <1cm) Qz veins + chlorite, massive patches of Po (very weakly magnetic). Veins parallel to foliation but Po patches often xcut foliation in small gash zones. Po approximately 1%.				
		Note: crumpling of foliation starts @ 72.30 m.				
		74.90 - 78.75 : increasing silicification and tourmalinization of schist with some diss. + patchy Po (weak to strong magnetism). Po 1-3% of interval. Po also occurs in some qz veinlets. Minor py. (Po: Py = 10:1)				
		70.70 - 71.90	360200	1.20	110	
		71.90 - 73.70	360201	1.80	480	
		75.50 - 77.10	360202	1.60	1010	0.033
		77.10 - 78.75	360203	1.65	160	
		78.75 - 81.65: Qz- Po vein. Po 25-30% of vein (moderately magnetic). Tr. Py, cpy, minor Tm + coarse muscovite. Minor sections of musc. schist included in vein. Short sections of massive Po contain rounded to euhedral qz. grains.				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-21	Claim	
Commenced	3/10/88	Location		Tests at		Hor. Comp.	
Completed	5/10/88	Core Size	BQ	Dip	-45	Vert. Comp.	
Co-ordinates	26+00S/1+65E	Elev.		True Brg.	062 deg	Logged by	R.R./L.K.
Objective		Length	111.5m (366 ft.)	% Recov.		Date	Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		78.75 - 80.20	360204	1.45	540	0.019
		80.20-81.65	306205	1.45	310	
		81.65- 82.85: silicified, tourmalinized schist; minor qz veins and diss. + patchy Po. Po also in qz veins. Po weak to moderately magnetic. Minor Py: trace cpy. Veinlets parallel to foliation; Po patches xcut foliation				
		81.65 - 82.85	306206	1.20	80	
		Zone of crumpling and minor veining continues to 83.60 m				
		90.54 - 90.92 : Qz + Tm vein w. minor Po (strongly magnetic), trace Py.				
		91.90 - 93.30: zone of Tm + Qz veining (Tm > Qz), with Py, minor Po. (po weakly magnetic). Upper contact parallel to foliation, 90 deg to C.A. Lower contact in broken core.				
		91.90 - 93. 30	360207	1.40	5	
		93.95 - 94.65: Qz + Tm replacing schist along foliation (very little veining) - small patch of strongly magnetic Po.				
	111.60	End of Hole				

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO.	LP 88-22
Commenced	5/10/88	Location		Tests at	142.0m (466 ft.)
Completed	7/10/88	Core Size	BQ	Corr Dip	* -56 deg (Collar-45 deg)
Co-ordinates	0+00/3+10E	Elev.		True Brg.	242 deg
Objective		Length	142.0m (466 ft.)	% Recov.	97%

Claim
Hor. Comp.
Vert. Comp.
Logged by R.R./L.K.
Date Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
0 -	5.40	Overburden				
5.40 -	68.70	Marble: Pale gry, partly silicified, with sections of dolomite and fractured quartzite. Bedding in marble: not seen in quartzite. Oxidized sections buff-orange colour. Frequent veinlets and fracture fillings of quartz, calcite, dolomite. Occasional narrow zones of brecciations and veining with sulphides +/or tourmaline (as noted below). Quartzite sections broken by frequent very fine fractures, on several orientations, with dark coating (pyrite and manganese stains?).				
		5.70 - 7.35: Fractured Qtzite with 1% sulphide mineralization in veinlets/fracture fillings. Fractures 60 - 75 deg to C.A. and 25 - 30 deg to C.A. Py, Tm, Chlorite, Qz, Calcite.	360189	1.65	10	
		12.00 - 14.55 : increased fracturing, minor brecciation, local Tm + Py. Occasional Po grains in veinlets of Qz, dolomite (Sample 12.90 - 14.55 m)	360190	1.65	5	
		17.95 - 19.00: increased fracturing, qz veining, local brecciation with Tm, patches of massive, weak to strongly magnetic Po. Up to 10% sulphides.	360191	1.05	50	
		21.40 - 21.65 : narrow qz + dolomite veinlets with coarse Po, Py. Po strongly magnetic. Sulphides to 10% of interval: Py Po in equal amounts.	360192	0.25	1420	0.024
		24.00 - 26.20: zone of narrow qz + dolomite veinlets, minor brecciation, fractures (45 - 60 deg to C.A.) with patchy Tm and sulphide mineralization as blebs along veins. Sulphides less than 3% of interval. Py: Po = 3:2. Po strongly magnetic	360193	2.20	660	0.030
		37.80 - 38.25 : Zone of minor Qz + Dolomite veinlets with patches of massive Po (strongly magnetic). V. minor Py, cpy. Total sulphides = 15%.	360194	0.45	70	
		42.29 - 42.87 : Bedded grey marble and minor schist with calcite veining, qz, chlorite, Po (strongly magnetic) (rimmed by muscovite), very minor cpy. (15% Po, 0.2% cpy)	360195	0.58	20	
68.70 -	142.00	Biotite-Chlorite Schist and Marble: Schist and marble in approx equal amounts, deformed, folded. Schist occurs as wispy, boudinaged strips in marble; biotite rims chlorite schist lenses at marble contacts, skarny appearance. Upper contact gradational; 20 deg to C.A.				
		81.60 - 82.60: crumpled schist + marble with minor patchy qz veining minor Po (moderately magnetic, Tm, Py	360196	1.00	50	
		103.30 - 105.80 : crumpled, folded schist with Qz veins, patchy Tm, minor Po (moderately magnetic), Py.	360197	2.50	5	

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DRILL HOLE RECORD

Property	Tay-LP	District	Watson Lake M.D.	HOLE NO. LP 88-22	Claim	
Commenced	5/10/88	Location		Tests at 142.0m (466 ft)		Hor. Comp.
Completed	7/10/88	Core Size	BQ	Corr Dip * -56 deg (collar-45 deg)		Vert.Comp.
Co-ordinates	0+00/3+10E	Elev.		True Brg. 242 deg		Logged by R.R./L.K.
Objective		Length	142.0m (466 ft.)	% Recov. 97%		Date Oct./88

Footage From	Metres To	Description	Sample No.	Length m	Analysis Au (ppb)	Au oz/ton
		106.60 - 110.25 : Zone of Qz veining (5 mm - 5 cm) @ 4 per metre. Po (mod-strong magnetism) Py, chlorite in veins, Minor diss. sulphides in schist, along foliation (@30 - 60 deg to C.A.) Veins xcut foliation; veins at 40 - 60 deg to C.A.; locally 90 deg to C.A.				
		106.60 - 108.50	360198	1.90	10	
		108.50 - 110.25	360199	1.75	20	
		129.90 - 130.00 : bleached schist with Qz, fsp (?) veining. Foliation crumpled, minor Tm, Po, Py, Po weakly magnetic. Total sulphides < 1%.				
		136.0 - 139.45 : Zone of narrow veins in schist (5 mm - 5 cm; average < 1 cm @ 5 /metre.) Two vein types : 1) Tm > Qz with minor Po (very weakly magnetic) 2) Qz + chlorite (no Tm) + Po (weakly magnetic). Most veins xcut foliation. Total sulphides 0.5%.				
	142.00	End of Hole				

APPENDIX IV

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : TAI-LP
TYPE OF ANALYSIS : ASSAY

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-14
FILE NAME : PCR88325.A
PAGE # : 1

PRE FIX	SAMPLE NAME	oz/t Au	ppb Au	Converted to oz/t Au
A	360 029	0.021	530	.017
A	360 030	0.023	740	.023
A	360 039	0.054	1660	.052
A	360 040	0.141	3900	.122
A	360 041	0.019	500	.016
A	360 044	0.207	6900	.216
A	360 045	0.028	820	.026
A	360 102	0.024	760	.024
A	360 103	0.018	500	.016
A	360 108	0.196	5600	.175
A	360 109	0.255	6900	.216
A	360 110	0.054	1420	.044
A	360 111	0.227	5600	.175
	360 112	0.130	4000	.125
	360 113	0.018	510	.016
	360 114	0.026	790	.025
A	360 138	0.044	1120	.035
A	360 178	0.020	780	.024
A	360 182	0.019	520	.016
A	360 186	0.054	1440	.045
A	360 187	0.315	8640	.270
A	360 192	0.024	1420	.044
A	360 193	0.030	660	.021
A	360 202	0.033	1010	.032
A	360 204	0.019	540	.017
A	360 210	0.032	910	.028

CHECK ASSAYING OF DRILLCORE
GEOCHEMICAL RESULTS

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

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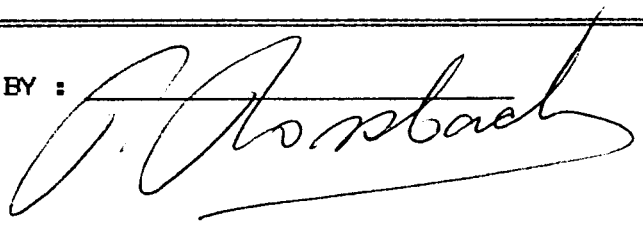
CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : TAI-LP
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-08
FILE NAME : PCR88325.G
PAGE # : 2

PRE FIX	SAMPLE NAME	PPB Au
A	360 116	330
A	360 117	360
A	360 118	350
A	360 119	450
A	360 120	40
A	360 121	5
A	360 122	50
A	360 123	5
A	360 124	5
A	360 125	80
A	360 126	5
A	360 127	10
A	360 128	5
A	360 129	5
	360 130	5
	360 131	5
A	360 132	5
A	360 133	5
A	360 134	5
A	360 135	5
A	360 136	20
A	360 137	5
A	360 138	1120
A	360 139	30
A	360 140	120
A	360 141	190
A	360 142	60
A	360 143	320
A	360 144	5
A	360 145	180
A	360 146	10
A	360 147	5
A	360 148	20
A	360 149	40
A	360 150	30
A	360 151	30
A	360 152	40
A	360 153	10
A	360 154	70
	360 155	40

CERTIFIED BY : 

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CERTIFICATE OF ANALYSIS

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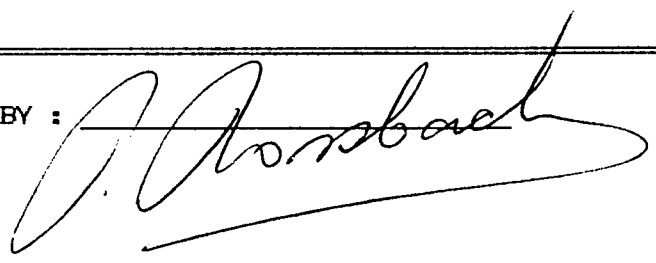
VANCOUVER, B.C.
PROJECT : TAI-LP
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-08
FILE NAME : PCR88325.G
PAGE # : 3

PRE FIX	SAMPLE NAME	PPB Au
A	360 156	5
A	360 157	5
A	360 158	5
A	360 159	5
A	360 160	5
A	360 161	5
A	360 162	5
A	360 163	5
A	360 164	10
A	360 165	5
A	360 166	5
A	360 167	5
A	360 168	20
A	360 169	5
	360 170	100
	360 171	100
A	360 172	10
A	360 173	30
A	360 174	20
A	360 175	40
A	360 176	20
A	360 177	5
A	360 178	780
A	360 179	130
A	360 180	290
A	360 181	220
A	360 182	520
A	360 183	20
A	360 184	30
A	360 185	20
A	360 186	1440
A	360 187	8640
A	360 188	80
A	360 189	10
A	360 190	5
A	360 191	50
A	360 192	1420
A	360 193	660
A	360 194	70
	360 195	20

CERTIFIED BY : 

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CERTIFICATE OF ANALYSIS

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VANCOUVER, B.C.

PROJECT : TAI-LP
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-08
FILE NAME : PCR88325.G
PAGE # : 4

PRE FIX	SAMPLE NAME	PPB Au
A	360 196	50
A	360 197	5
A	360 198	10
A	360 199	20
A	360 200	110
A	360 201	480
A	360 202	1010
A	360 203	160
A	360 204	540
A	360 205	310
A	360 206	80
A	360 207	5
A	360 208	60
	360 209	20
	360 210	910
A	360 211	5

CERTIFIED BY : J. Rossbach

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CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : TAI-LP
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-14
FILE NAME : PCR88325.I
PAGE # : 1

DRILLCORE ICP DATA

DDH LP 88-17 to 22

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM BE
	360026	1	115	8	24	3.9	26	9	125	4.96	9	10	ND	ND	18	1	3	14	13	0.45	0.05	39	39	0.77	32	0.03	5	1.11	0.01	0.01	7	1
	360027	1	74	7	27	1.2	42	6	163	3.79	11	7	ND	ND	53	1	4	5	12	0.96	0.06	43	35	0.76	33	0.05	5	1.15	0.01	0.01	5	1
	360028	1	310	5	14	0.7	28	15	95	8.29	6	5	ND	ND	52	1	2	28	9	0.74	0.05	30	31	0.56	37	0.02	5	0.76	0.01	0.02	6	1
	360029	1	251	4	7	1.0	51	20	51	9.85	3	5	ND	ND	17	1	2	53	6	0.30	0.05	34	26	0.26	31	0.02	5	0.50	0.01	0.02	5	1
	360030	1	284	3	10	0.5	31	18	51	8.72	3	5	ND	ND	17	1	2	55	7	0.30	0.06	37	26	0.40	33	0.02	5	0.62	0.01	0.01	7	1
	360031	1	37	3	17	0.8	20	6	273	2.75	13	5	ND	ND	111	1	2	2	17	2.48	0.29	24	61	0.75	37	0.05	5	1.36	0.03	0.01	3	1
	360032	1	305	5	5	0.6	29	24	45	10.08	2	5	ND	ND	12	1	2	21	4	0.18	0.04	28	36	0.09	21	0.01	5	0.25	0.01	0.02	222	1
	360033	1	195	4	12	0.5	22	13	69	7.12	2	5	ND	ND	20	1	2	20	6	0.23	0.05	43	28	0.37	34	0.03	5	0.58	0.01	0.01	5	1
	360034	1	74	4	20	0.3	23	7	181	4.60	4	5	ND	ND	65	1	2	8	18	1.11	0.06	42	44	0.89	38	0.08	5	1.34	0.01	0.01	46	1
	360035	1	462	5	7	0.4	29	25	47	10.57	3	5	ND	ND	17	1	2	24	4	0.22	0.06	32	26	0.18	29	0.01	7	0.36	0.01	0.01	2	1
	360036	1	144	6	11	0.3	21	15	55	7.45	2	6	ND	ND	21	1	2	14	5	0.21	0.06	43	26	0.27	38	0.01	5	0.48	0.01	0.02	5	1
	360037	1	241	4	3	0.7	15	16	21	6.74	3	10	ND	ND	8	1	2	12	2	0.10	0.03	12	59	0.02	5	0.01	5	0.05	0.01	0.01	3	1
	360038	1	34	5	3	0.1	5	3	21	1.39	2	5	ND	ND	4	1	2	2	1	0.03	0.01	6	115	0.01	2	0.01	5	0.03	0.01	0.01	1	1
	360039	1	120	3	2	0.3	6	7	29	3.48	2	8	ND	ND	2	1	2	92	1	0.03	0.01	1	100	0.01	1	0.01	5	0.02	0.01	0.01	8	1
	360040	1	378	3	3	0.5	15	27	37	11.79	2	5	ND	ND	7	1	2	268	2	0.11	0.02	12	66	0.01	22	0.01	8	0.13	0.01	0.03	34	1
	360041	1	660	2	5	0.2	15	29	44	12.47	2	5	ND	ND	11	2	2	43	3	0.13	0.04	19	48	0.05	30	0.01	8	0.27	0.01	0.02	9	1
	360042	1	251	4	8	0.2	64	21	33	9.68	2	5	ND	ND	10	1	2	27	5	0.10	0.05	25	41	0.12	32	0.01	5	0.39	0.01	0.02	13	1
	360043	1	241	4	13	0.1	14	20	56	9.66	2	5	ND	ND	10	1	2	21	6	0.12	0.04	21	33	0.23	43	0.01	5	0.58	0.01	0.02	4	1
	360044	1	644	5	9	0.6	21	33	65	14.40	3	5	7	ND	11	2	2	395	5	0.13	0.02	11	63	0.13	26	0.01	9	0.33	0.01	0.04	8	1
	360045	1	278	11	3	0.2	13	19	65	8.56	5	12	ND	ND	14	1	3	74	5	0.20	0.04	29	53	0.03	44	0.01	5	0.25	0.01	0.02	5	1
	360046	1	219	23	9	0.4	14	15	64	6.59	5	12	ND	ND	15	1	3	48	6	0.14	0.04	27	69	0.10	36	0.01	5	0.31	0.01	0.02	7	1
	360047	2	164	13	14	0.2	18	19	58	8.13	6	11	ND	ND	15	1	2	36	8	0.12	0.04	33	57	0.23	42	0.02	5	0.51	0.01	0.04	14	1
	360048	1	170	3	12	0.3	14	11	61	5.49	2	6	ND	ND	15	1	2	11	5	0.12	0.04	29	63	0.24	38	0.02	5	0.50	0.01	0.03	1	1
	360049	1	137	2	16	0.1	21	10	107	5.54	2	5	ND	ND	28	1	2	2	11	0.32	0.06	28	39	0.68	41	0.04	5	1.01	0.01	0.01	37	1
	360050	1	125	3	9	0.2	12	10	52	5.37	3	6	ND	ND	17	1	2	5	6	0.19	0.04	26	57	0.37	38	0.02	5	0.63	0.01	0.01	3	1
	360101	1	120	5	11	0.1	16	9	91	5.06	4	5	ND	ND	34	1	2	10	9	0.76	0.06	29	36	0.64	37	0.02	5	0.94	0.01	0.02	6	1
	360102	1	182	2	3	0.3	15	17	28	7.63	2	5	ND	ND	10	1	2	27	3	0.13	0.02	15	74	0.06	24	0.01	5	0.20	0.01	0.03	2	1
	360103	1	220	6	2	0.2	16	20	26	7.58	2	5	ND	ND	5	1	2	23	1	0.09	0.01	3	101	0.01	7	0.01	5	0.05	0.01	0.02	343	1
	360104	1	111	2	2	0.1	11	14	25	5.56	2	5	ND	ND	10	1	2	2	1	0.09	0.02	9	92	0.02	19	0.01	5	0.13	0.01	0.03	4	1
	360105	1	136	3	2	0.2	11	10	27	4.66	2	7	ND	ND	5	1	2	3	1	0.05	0.01	1	129	0.01	2	0.01	5	0.02	0.01	0.02	1	1
	360106	1	184	3	2	0.2	11	11	26	4.69	2	6	ND	ND	4	1	2	2	1	0.04	0.01	1	131	0.01	2	0.01	5	0.01	0.01	0.02	124	1
	360107	1	249	2	3	0.2	14	14	28	6.40	2	6	ND	ND	4	1	2	2	1	0.05	0.01	1	136	0.01	1	0.01	5	0.01	0.01	0.02	1	1
	360108	1	526	2	3	0.4	26	38	23	14.01	2	5	6	ND	5	1	2	249	2	0.05	0.02	9	75	0.01	18	0.01	9	0.09	0.01	0.02	2	1
	360109	2	453	14	4	0.6	37	51	19	18.56	3	5	9	ND	2	5	2	369	2	0.02	0.01	1	95	0.01	4	0.01	13	0.01	0.01	0.01	4	1
	360110	1	417	4	4	0.3	24	31	34	12.08	3	5	ND	ND	5	1	2	101	2	0.05	0.01	2	108	0.01	11	0.01	8	0.05	0.01	0.02	3	1
	360111	3	154	12	3	0.9	31	42	24	14.99	4	5	9	ND	2	2	2	266	4	0.02	0.01	3	124	0.01	3	0.01	10	0.01	0.01	0.02	5	1
	360112	1	840	9	4	0.5	24	32	28	11.32	3	7	5	ND	2	1	3	228	3	0.04	0.01	5	111	0.01	4	0.01	7	0.01	0.01	0.01	7	1
	360113	1	302	5	4	0.1	24	22	22	9.11	5	9	ND	ND	11	1	2	51	6	0.13	0.07	30	41	0.03	46	0.01	5	0.29	0.01	0.03	19	1
	360114	1	194	2	4	0.2	18	26	44	10.26	2	5	ND	ND	13	1	2	50	4	0.14	0.05	23	39	0.04	35	0.01	7	0.28	0.01	0.02	15	1
	360115	1	269	4	5	0.1	18	27	19	10.50	2	5	ND	ND	8	1	2	8	3	0.06	0.02	14	34	0.06	18	0.01	7	0.20	0.01	0.02	1	1

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CERTIFICATE OF ANALYSIS

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#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : TAI-LP
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-14
FILE NAME : PCR88325.I
PAGE # : 2

PREFIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
	360116	2	507	10	4	0.1	21	29	67	9.91	21	5	ND	ND	313	3	2	23	3	4.34	0.03	7	75	0.15	14	0.01	7	0.06	0.01	0.02	11	1
	360117	1	247	4	4	0.1	17	22	52	8.85	2	5	ND	ND	22	1	2	18	2	0.40	0.02	12	86	0.05	23	0.01	5	0.12	0.01	0.01	4	1
	360118	2	227	10	2	0.1	19	23	24	8.68	5	9	ND	ND	13	1	2	29	4	0.16	0.04	15	68	0.02	27	0.01	5	0.14	0.01	0.02	27	1
	360119	2	206	18	15	0.1	24	26	119	9.58	9	5	ND	ND	63	1	4	48	10	1.19	0.07	22	41	0.40	45	0.01	5	0.71	0.01	0.02	37	1
	360120	1	201	12	20	0.1	26	21	239	7.27	13	5	ND	ND	142	1	4	21	12	1.82	0.06	24	44	0.55	33	0.01	5	0.89	0.01	0.02	10	1
	360121	1	71	8	17	0.1	48	20	211	4.00	9	5	ND	ND	113	1	2	2	4	1.31	0.07	17	48	0.21	28	0.01	5	0.41	0.01	0.02	3	1
	360122	1	246	37	8	1.3	48	45	418	9.21	14	5	ND	ND	156	3	2	37	7	4.74	0.08	15	27	0.20	22	0.01	5	0.47	0.01	0.02	12	1
	360123	2	161	11	18	0.1	48	23	169	5.37	9	5	ND	ND	69	1	2	17	9	1.24	0.07	32	50	0.42	35	0.02	5	0.71	0.01	0.01	8	1
	360124	1	28	9	53	0.1	35	12	227	4.35	7	5	ND	ND	57	1	2	2	21	0.78	0.08	12	48	1.09	43	0.09	5	1.83	0.01	0.01	3	1
	360125	1	39	3	42	0.1	36	13	199	4.85	7	5	ND	ND	62	1	2	8	25	1.39	0.07	7	51	1.19	42	0.09	5	2.12	0.01	0.01	5	1
	360126	1	26	2	37	0.1	28	9	161	3.86	9	5	ND	ND	93	1	2	2	29	1.09	0.06	9	56	1.14	72	0.09	5	2.36	0.04	0.01	2	1
	360127	1	47	9	39	0.1	30	13	240	4.40	13	5	ND	ND	131	1	2	2	15	1.95	0.06	28	54	0.74	29	0.03	5	1.04	0.01	0.01	6	1
	360128	1	38	7	28	0.1	31	11	251	3.77	11	5	ND	ND	143	1	2	7	28	2.84	0.08	14	54	1.06	52	0.09	5	2.40	0.06	0.01	6	2
	360129	1	44	2	43	0.1	28	10	178	4.13	8	5	ND	ND	64	1	2	2	29	1.22	0.06	11	58	1.12	55	0.11	5	2.12	0.01	0.01	3	1
	360130	1	26	1	42	0.1	21	8	171	3.80	5	5	ND	ND	56	1	2	2	22	0.88	0.06	10	49	1.00	52	0.12	5	1.81	0.01	0.01	1	1
	360131	1	42	2	5	0.1	12	12	233	1.93	11	5	ND	ND	82	1	3	2	2	1.72	0.06	27	61	0.03	24	0.01	5	0.20	0.01	0.02	457	1
	360132	1	89	3	4	0.1	26	14	130	3.48	3	5	ND	ND	49	1	2	2	3	0.94	0.06	28	50	0.09	29	0.01	5	0.30	0.01	0.03	17	1
	360133	1	130	12	18	0.1	134	46	502	9.94	15	5	ND	ND	139	2	2	6	7	3.49	0.06	10	31	0.31	33	0.02	7	0.54	0.01	0.01	13	1
	360134	1	45	2	39	0.1	30	15	193	4.63	8	5	ND	ND	60	1	2	3	18	1.01	0.06	12	49	0.83	55	0.10	5	1.48	0.01	0.01	5	1
	360135	1	123	1	5	0.1	32	24	102	5.09	6	5	ND	ND	42	1	2	2	3	0.79	0.06	14	34	0.09	26	0.01	5	0.31	0.01	0.01	7	1
	360136	1	84	1	2	0.1	16	14	148	2.83	5	5	ND	ND	54	1	2	2	1	1.12	0.05	10	39	0.04	14	0.01	5	0.18	0.01	0.02	5	1
	360137	1	47	18	9	0.1	16	8	321	2.56	13	5	ND	ND	92	1	2	14	9	3.24	0.07	21	47	0.37	38	0.02	5	0.64	0.01	0.02	50	1
	360138	1	65	14	24	0.1	31	17	210	5.83	16	5	ND	ND	211	2	2	107	29	3.58	0.08	14	63	0.85	53	0.08	5	2.68	0.12	0.01	5	2
	360139	1	39	11	29	0.1	20	6	247	3.74	13	5	ND	ND	280	1	2	10	39	3.84	0.07	14	62	1.10	69	0.10	5	3.68	0.17	0.01	6	2
	360140	1	145	4	15	0.1	21	19	103	6.22	8	5	ND	ND	130	1	2	10	28	1.09	0.05	9	78	0.79	40	0.08	5	2.18	0.12	0.01	5	1
	360141	1	136	1	31	0.1	37	28	136	8.54	7	5	ND	ND	101	1	2	22	26	1.18	0.06	9	53	0.92	48	0.09	5	2.09	0.05	0.01	2	1
	360142	1	87	3	25	0.1	26	18	111	5.82	3	5	ND	ND	72	1	2	4	29	0.77	0.07	9	57	0.96	40	0.10	5	1.86	0.05	0.01	1	1
	360143	2	347	10	11	0.3	60	75	53	18.07	5	5	ND	ND	43	6	2	39	15	0.48	0.04	10	58	0.33	15	0.05	12	0.78	0.05	0.01	6	1
	360144	1	23	2	11	0.1	19	5	54	1.56	2	5	ND	ND	25	1	2	2	7	0.45	0.02	3	62	0.34	18	0.03	5	0.66	0.01	0.01	1	1
	360145	1	161	8	38	0.1	39	25	201	7.80	8	5	ND	ND	50	2	2	24	21	1.40	0.08	21	42	1.50	53	0.09	5	2.00	0.01	0.01	6	1
	360146	2	412	1418	5	41.4	62	50	74	12.50	6	5	ND	ND	62	3	2	120	3	0.67	0.03	9	79	0.06	13	0.01	8	0.15	0.01	0.01	4	1
	360147	1	71	13	5	0.2	18	11	180	3.59	40	5	ND	ND	82	1	2	2	2	1.27	0.05	17	40	0.13	24	0.01	5	0.23	0.01	0.02	1	1
	360148	1	155	7	5	0.4	26	19	66	5.41	197	5	ND	ND	61	1	2	2	3	0.49	0.04	21	32	0.10	25	0.01	5	0.41	0.01	0.02	2	1
	360149	1	73	10	10	0.3	20	13	536	3.86	169	5	ND	ND	297	1	2	12	5	4.37	0.06	16	34	0.30	26	0.01	5	0.46	0.01	0.02	9	1
	360150	1	106	10	20	0.1	28	17	209	5.20	14	5	ND	ND	159	1	2	7	15	2.70	0.07	29	42	0.67	43	0.03	5	1.05	0.02	0.01	9	1
	360151	1	117	46	9	1.1	41	22	108	6.06	7	5	ND	ND	32	1	2	30	6	0.93	0.03	8	73	0.25	20	0.01	5	0.44	0.01	0.01	1	1
	360152	1	112	3	12	0.1	34	19	207	5.78	11	5	ND	ND	77	1	2	3	13	2.72	0.09	24	33	0.55	32	0.04	5	1.01	0.01	0.01	4	1
	360153	1	70	6	11	0.1	21	10	192	3.65	7	5	ND	ND	89	1	2	2	16	1.82	0.07	19	57	0.57	41	0.04	5	1.48	0.05	0.01	2	1
	360154	1	112	13	12	0.1	31	18	132	4.87	13	5	ND	ND	55	1	6	28	18	1.32	0.06	23	48	0.53	40	0.03	5	1.14	0.03	0.01	6	1
	360155	1	261	20	13	0.5	42	29	216	8.17	16	5	ND	ND	91	2	6	37	12	1.95	0.06	20	34	0.26	32	0.02	5	0.73	0.04	0.01	14	1

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LT

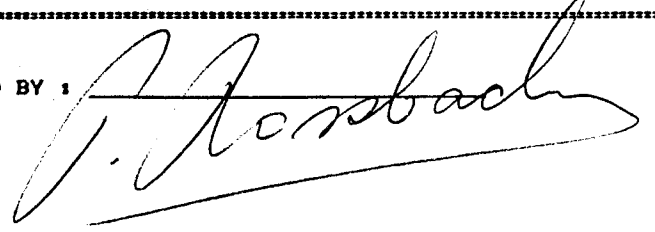
2225 S. Springer Ave., .Burnaby,
British Columbia, Can. V5B 3H1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : TAI-LP
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-14
FILE NAME : PCR88325.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
	360156	2	225	15	7	0.2	53	40	128	10.80	9	5	ND	ND	50	2	3	26	6	0.92	0.05	10	31	0.12	20	0.01	8	0.28	0.01	0.01	6	1
	360157	2	168	9	6	0.1	34	26	65	6.93	7	5	ND	ND	50	1	5	22	6	0.59	0.06	14	27	0.11	27	0.01	5	0.36	0.01	0.02	7	1
	360158	2	119	21	2	0.9	26	20	37	5.31	9	8	ND	ND	17	1	5	41	5	0.30	0.03	13	66	0.02	9	0.01	5	0.07	0.01	0.01	5	1
	360159	2	104	15	2	0.1	25	17	69	4.37	12	7	ND	ND	50	1	6	27	5	0.84	0.06	27	41	0.04	36	0.01	5	0.19	0.02	0.02	8	1
	360160	2	283	12	4	0.1	94	58	34	16.04	8	5	ND	ND	24	4	7	21	5	0.34	0.04	13	33	0.04	29	0.01	12	0.14	0.01	0.02	7	1
	360161	1	113	5	3	0.1	28	14	146	4.16	7	5	ND	ND	55	1	6	16	4	1.18	0.08	29	28	0.05	33	0.01	5	0.21	0.01	0.02	6	1
	360162	1	134	5	5	0.1	34	19	172	4.86	11	5	ND	ND	77	1	3	17	6	1.37	0.05	19	44	0.14	23	0.01	5	0.28	0.01	0.01	6	1
	360163	1	33	6	3	1.4	17	6	319	1.23	13	5	ND	ND	161	1	3	3	2	2.57	0.05	14	43	0.10	15	0.01	5	0.13	0.01	0.02	2	1
	360164	1	82	7	5	0.6	24	11	88	3.78	25	5	ND	ND	87	1	2	5	3	0.65	0.07	17	31	0.28	30	0.01	5	0.27	0.01	0.02	1	1
	360165	1	58	2	2	0.1	11	8	33	2.03	6	5	ND	ND	57	1	2	2	1	0.49	0.04	15	66	0.09	27	0.01	5	0.16	0.01	0.02	1	1
	360166	1	95	2	2	0.4	44	29	52	8.37	4	5	ND	ND	30	1	2	2	2	0.40	0.05	20	48	0.04	46	0.01	5	0.24	0.01	0.02	2	1
	360167	2	353	11	4	0.7	61	54	182	11.49	13	5	ND	ND	109	3	5	20	4	1.32	0.07	24	27	0.06	23	0.01	8	0.13	0.01	0.01	9	1
	360168	2	256	12	7	0.5	39	33	144	7.59	15	5	ND	ND	106	2	6	27	10	1.70	0.06	35	28	0.24	18	0.01	5	0.47	0.03	0.01	8	1
	360169	1	185	3	4	1.0	36	24	118	7.26	22	5	ND	ND	102	1	2	2	2	1.08	0.05	7	59	0.11	18	0.01	5	0.14	0.01	0.02	3	1
	360170	2	238	42	8	1.7	59	29	77	11.16	397	5	ND	ND	114	2	4	21	4	0.78	0.05	8	36	0.23	21	0.01	12	0.17	0.01	0.01	6	1
	360171	2	132	71	11	2.5	65	33	124	8.84	510	5	ND	ND	125	2	5	27	4	1.20	0.07	11	31	0.13	23	0.01	11	0.15	0.01	0.02	8	1
	360172	1	15	14	4	0.1	15	9	234	1.72	94	5	ND	ND	163	1	4	19	3	2.13	0.09	19	36	0.11	17	0.01	5	0.13	0.01	0.01	6	1
	360173	1	111	7	8	0.1	36	18	66	3.21	101	5	ND	ND	97	1	3	14	3	0.99	0.08	12	23	0.05	37	0.01	5	0.22	0.01	0.02	5	1
	360174	2	17	14	5	0.1	65	6	712	0.59	66	5	ND	ND	316	1	3	16	3	5.57	0.06	10	16	0.05	6	0.01	5	0.05	0.01	0.01	7	1
	360175	1	100	13	4	0.5	49	27	675	4.94	131	5	ND	ND	324	2	6	23	4	4.72	0.07	9	26	0.09	14	0.01	5	0.08	0.01	0.01	10	1
	360176	2	142	16	3	0.2	48	23	92	5.74	24	6	ND	ND	69	1	6	32	5	0.80	0.07	18	24	0.10	35	0.01	5	0.20	0.02	0.02	7	1
	360177	1	127	11	2	0.7	24	13	403	4.17	21	5	ND	ND	245	1	4	6	2	2.93	0.06	15	39	0.07	16	0.01	5	0.13	0.01	0.01	5	1
	360178	3	775	18	15	1.1	78	86	72	20.86	15	5	7	6	22	8	11	142	9	0.41	0.06	20	32	0.25	32	0.01	15	0.39	0.03	0.02	16	1
	360179	2	136	12	10	0.2	26	30	227	6.98	23	5	ND	ND	219	2	7	50	19	4.19	0.07	23	47	0.51	24	0.03	5	1.13	0.08	0.01	14	2
	360180	3	213	11	14	0.4	33	42	100	10.61	13	5	ND	ND	125	3	9	62	21	1.04	0.09	25	53	0.46	40	0.05	5	1.42	0.13	0.01	12	2
	360181	3	215	21	16	0.6	39	45	128	11.88	48	5	5	ND	160	4	9	60	18	2.51	0.08	23	48	0.43	31	0.03	8	1.30	0.11	0.02	19	2
	360182	2	157	3	20	0.4	30	30	154	8.78	12	5	ND	ND	212	3	4	74	29	2.12	0.07	18	51	0.84	38	0.04	5	2.13	0.13	0.01	8	2
	360183	1	180	12	6	0.2	39	21	185	5.00	13	7	ND	ND	47	1	8	35	6	1.01	0.09	28	36	0.09	9	0.01	5	0.13	0.02	0.01	8	1
	360184	2	230	50	5	1.3	68	33	112	8.00	16	7	ND	ND	17	1	6	62	7	0.32	0.03	31	49	0.06	22	0.01	5	0.17	0.02	0.01	8	1
	360185	2	181	15	10	0.2	51	27	144	7.05	26	7	ND	ND	25	1	7	38	6	0.32	0.06	12	35	0.15	10	0.01	5	0.13	0.02	0.01	7	1
	360186	2	255	19	33	0.5	48	31	90	8.47	12	5	ND	ND	44	2	8	112	28	0.37	0.06	16	60	1.23	41	0.06	5	1.90	0.04	0.01	10	1
	360187	2	600	7	119	1.2	40	31	71	8.35	8	5	7	ND	32	1	4	694	6	0.95	0.04	18	73	0.14	36	0.01	5	0.31	0.01	0.01	9	1
	360188	1	183	4	4	0.1	19	15	54	4.37	14	5	ND	ND	37	1	5	29	4	0.46	0.03	11	75	0.08	26	0.01	5	0.13	0.01	0.02	5	1
	360189	2	50	26	3	0.9	8	8	541	2.64	10	5	5	ND	112	1	2	33	7	15.84	0.01	7	13	9.19	1	0.01	5	0.01	0.01	0.01	1	2
	360190	1	42	3	6	0.5	5	14	747	2.85	2	5	ND	ND	151	1	2	9	4	13.28	0.01	4	16	7.37	3	0.01	5	0.05	0.01	0.01	34	2
	360191	4	115	185	12	3.9	7	14	974	5.13	18	5	5	ND	124	2	5	57	5	10.33	0.02	6	22	4.92	5	0.01	5	0.02	0.01	0.02	13	1
	360192	2	216	131	12	3.0	7	44	873	7.92	8	6	5	ND	124	3	3	170	5	10.16	0.01	5	23	6.12	5	0.01	5	0.18	0.01	0.02	4	1
	360193	2	66	7	5	1.7	5	11	388	3.62	3	5	ND	ND	304	1	2	75	4	13.71	0.01	5	15	7.63	3	0.01	5	0.01	0.01	0.01	1	2
	360194	3	152	14	3	0.5	5	25	363	8.37	2	5	ND	ND	91	4	2	25	4	12.12	0.01	5	7	7.04	4	0.01	5	0.01	0.01	0.02	2	2
	360195	2	141	3	9	0.5	13	9	334	4.19	2	5	ND	ND	491	1	2	24	7	18.92	0.01	13	14	2.17	9	0.01	5	0.68	0.01	0.01	1	2

CERTIFIED BY : 

ROSSBACHER LABORATORY LT

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : TAI-LP
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88325
INVOICE # : 90081
DATE ENTERED : 88-11-14
FILE NAME : PCR88325.I
PAGE # : 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CD	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
	360196	1	54	3	13	0.4	28	14	349	3.19	10	5	ND	ND	275	1	2	9	17	8.64	0.06	15	36	0.64	39	0.05	5	1.21	0.03	0.01	1	2
	360197	1	45	22	8	0.8	10	10	294	2.29	11	5	ND	ND	109	1	2	7	8	2.52	0.06	31	30	0.35	90	0.02	5	0.70	0.01	0.01	4	1
	360198	2	41	116	19	2.1	25	15	267	3.66	15	5	ND	ND	78	1	7	28	27	2.05	0.07	28	52	1.02	121	0.09	5	1.65	0.01	0.01	9	1
	360199	1	42	65	603	1.4	29	15	325	3.64	17	5	ND	ND	77	10	4	16	20	2.57	0.07	26	45	0.95	94	0.07	5	1.42	0.01	0.01	26	1
	360200	2	61	17	21	0.1	34	17	124	4.53	13	5	ND	ND	32	2	8	45	23	0.78	0.07	15	66	0.95	69	0.10	5	1.59	0.03	0.01	15	1
	360201	2	151	4	17	0.2	37	26	86	7.63	9	5	ND	ND	30	1	3	59	15	0.62	0.06	15	52	0.72	50	0.07	5	1.25	0.01	0.01	45	1
	360202	2	87	15	19	0.2	32	20	134	5.09	13	5	ND	ND	45	2	5	100	19	1.06	0.07	21	53	0.79	46	0.06	5	1.29	0.02	0.01	9	1
	360203	2	99	4	22	0.1	24	19	162	5.38	11	5	ND	ND	70	2	7	24	14	1.16	0.06	19	50	0.75	43	0.02	5	1.11	0.01	0.01	11	1
	360204	3	598	3	6	0.6	32	51	34	15.36	8	5	ND	ND	8	4	4	52	5	0.09	0.02	8	79	0.04	19	0.01	11	0.13	0.01	0.01	7	1
	360205	3	213	8	3	0.5	21	35	23	8.54	6	5	ND	ND	9	1	4	62	5	0.10	0.02	6	116	0.03	6	0.01	5	0.06	0.01	0.01	6	1
	360206	2	98	12	12	0.2	20	17	141	5.32	10	5	ND	ND	60	2	6	29	12	1.24	0.07	34	38	0.47	49	0.04	5	0.77	0.01	0.01	13	1
	360207	1	38	12	3	0.8	10	7	474	1.75	10	5	ND	ND	173	1	2	9	3	6.69	0.07	11	30	0.09	12	0.01	5	0.14	0.01	0.01	4	1
	360208	2	129	35	12	0.9	39	34	151	5.92	14	5	ND	ND	80	2	7	59	10	1.42	0.05	26	92	0.34	22	0.01	5	0.56	0.01	0.01	9	1
	360209	3	265	72	8	2.2	48	47	212	8.10	16	5	ND	ND	205	2	8	75	7	2.17	0.06	17	41	0.24	25	0.01	5	0.37	0.01	0.02	11	1
	360210	2	219	51	4	1.7	41	40	88	7.21	12	5	ND	ND	78	1	4	95	6	1.23	0.05	26	56	0.09	17	0.01	5	0.22	0.01	0.01	8	1
	360211	2	110	7	4	0.2	32	21	197	3.68	11	5	ND	ND	144	1	4	20	4	1.61	0.05	18	95	0.11	9	0.01	5	0.21	0.01	0.01	6	1

CERTIFIED BY : J. Rossbach

R SSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : J.C. STEPHENS EXPLORATION LTD.
746 REGAL CR.
VANCOUVER, B.C.

PROJECT : TAY-LP
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88278
INVOICE # : 90006
DATE ENTERED : 88-10-11
FILE NAME : JCS88278.G
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au	
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A	360009	670	
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A	360011	180	
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A	360017	5	
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A	360019	10700	
A	360020	23000	
A	360021	820	
A	360022	7800	ROCK TRENCH 88-2
A	360023	1380	
A	360024	2160	
A	360025	100	BOULDER LINE 0 2 + 96E

CERTIFIED BY : _____

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3H1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : J.C. STEPHENS
746 REGAL CR.
VANCOUVER, B.C.
PROJECT : TAY-LP
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88278
INVOICE # : 90006
DATE ENTERED : 88-10-13
FILE NAME : JCS88278.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM Pb	PPM Zn	PPM Ag	PPM Ni	PPM Co	PPM Mn	% Fe	PPM As	PPM U	PPM Au	PPM Th	PPM Sr	PPM Cd	PPM Sb	PPM Bi	PPM V	% Ca	% P	PPM La	PPM Cr	% Mg	PPM Ba	% Ti	PPM B	% Al	% Na	% K	PPM W	
A	360001	1	341	4605	92	203.8	8	243	13	17.99	68391	5	ND	3	5	1	20	860	1	.03	.001	2	30	.01	1	.01	2	.05	.01	.01	1	
A	360002	1	518	9193	52	321.4	5	147	18	10.85	40184	5	ND	1	8	1	15	1351	1	.05	.001	2	55	.01	16	.01	2	.03	.01	.01	1	
A	360003	1	482	29	22	.8	4	46	214	19.08	66	8	ND	2	33	1	2	41	5	3.92	.009	2	4	3.56	6	.01	2	.05	.01	.01	1	
A	360004	1	436	89	20	3.5	35	102	28	21.05	333	5	7	5	18	1	2	358	4	.09	.013	4	37	.17	14	.01	2	.43	.01	.07	4	
A	360005	1	527	3673	25	120.7	14	311	39	30.63	99999	5	5	4	3	2	56	713	1	.07	.002	2	8	.03	8	.01	2	.06	.01	.01	1	
A	360006	1	1143	6068	849	80.6	44	21	1983	41.17	657	5	5	4	1	6	13	174	1	.05	.001	2	11	.25	5	.01	2	.05	.01	.01	1	
A	360007	1	1250	82	29	2.3	13	85	29	23.16	681	5	ND	4	2	1	2	533	3	.02	.008	2	18	.23	5	.01	2	.49	.01	.02	2	
A	360008	1	967	50	21	1.9	33	93	26	21.19	96	5	11	5	7	1	2	722	2	.04	.005	2	42	.09	11	.01	2	.23	.01	.05	17	Boulder Trench 88-1
A	360009	1	726	47	29	2.2	10	18	6	38.38	99999	5	6	4	2	2	34	408	1	.02	.001	2	15	.01	8	.01	6	.05	.01	.01	1	
A	360010	1	759	16	21	1.1	32	91	37	17.77	762	5	10	5	11	1	3	481	3	.07	.013	4	38	.2	16	.01	2	.43	.01	.07	2	
A	360011	1	257	22	11	.7	38	32	37	6.85	91	5	ND	3	2	1	2	29	1	.04	.004	2	89	.01	4	.01	13	.04	.01	.01	83	
A	360012	1	598	1610	797	42.2	27	40	60	30.24	99999	5	4	3	1	10	40	2361	1	.01	.001	2	28	.01	2	.01	2	.05	.01	.01	1	
A	360013	1	761	11	14	.6	27	36	28	9.72	54	5	ND	2	3	1	2	250	1	.03	.002	2	92	.01	2	.01	2	.02	.01	.01	237	
A	360014	1	327	21	12	.9	34	45	29	13.34	126	5	10	2	2	1	2	717	1	.03	.003	2	66	.01	4	.01	2	.02	.01	.01	297	
A	360015	1	77	48	11	.7	14	11	60	4.4	116	5	ND	8	3	1	2	28	1	.07	.011	8	78	.01	8	.01	20	.05	.01	.02	3	
A	360016	1	633	7	11	.7	28	40	42	11.42	37	5	7	2	2	1	2	585	1	.02	.001	2	78	.01	6	.01	2	.02	.01	.01	2	
A	360017	34	30	15	17	.1	6	6	412	1.02	16	5	ND	33	276	1	2	2	5	5	.006	20	53	.25	55	.01	2	.27	.01	.07	1	
A	360018	1	702	3	13	.5	24	58	27	13.07	36	5	ND	4	4	1	2	108	1	.04	.008	3	57	.01	12	.01	2	.1	.01	.02	1	
A	360019	1	621	15	25	.8	37	97	23	33.71	10	5	12	4	1	1	2	626	1	.01	.001	2	30	.01	6	.01	2	.04	.01	.01	38	
A	360020	1	652	21	16	1.4	30	71	20	18.92	16	5	19	2	1	1	2	1526	1	.01	.001	2	61	.01	2	.01	3	.03	.01	.01	2	
A	360021	1	297	9	34	.2	54	128	14	48.47	10	5	ND	5	1	1	2	53	1	.01	.001	2	6	.01	6	.01	2	.06	.01	.01	4	Rock Trench 88-
A	360022	1	11	3	3	.8	1	1	11	1.16	9	5	8	1	1	1	2	83	1	.01	.002	4	115	.01	4	.01	5	.03	.01	.02	238	
A	360023	1	83	8	36	.3	2	5	88	13.07	8	5	ND	7	2	1	2	33	14	.01	.013	3	43	.73	21	.02	2	1.02	.01	.25	5	
A	360024	1	853	12	28	.1	48	138	13	40.38	9	5	ND	4	1	1	2	357	1	.01	.001	2	3	.01	4	.01	2	.04	.01	.01	3	
A	360025	1	607	3460	21	41.3	3	53	131	29.47	16	5	ND	2	6	3	9	1786	2	.35	.001	2	37	.03	6	.01	2	.05	.01	.01	3	Boulder Line 0 2+96

CERTIFIED BY : R. Rossbach

POSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : TAI-LP
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88325
INVOICE # : 90100
DATE ENTERED : 88-11-18
FILE NAME : PCR88325.G1
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
S	881A-01	5
S	881A-02	5
S	881A-03	5
S	881A-04	5
S	881A-05	5
S	881A-06	10
S	881A-07	5
S	881A-08	20
S	881A-09	5
S	881B-01	5
S	881B-02	5
S	881B-03	5
S	881B-04	5
	881B-05	5
	881B-06	5
S	881B-07	5
S	881B-08	5
S	881C-01	5
S	881C-02	5
S	881C-03	5
S	881C-04	5
S	881C-05	5
S	881C-06	5
S	881C-07	5
S	881C-08	10

TRENCH 88-1 SOIL SAMPLES

CERTIFIED BY : J. Possbacher

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : TAI-LP
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88325.I
INVOICE # : 90100
DATE ENTERED : 88-11-18
FILE NAME : PCR88325.I
PAGE # : 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
S	881A-01	7	46	64	208	0.3	34	12	313	3.06	87	5	ND	ND	13	2	2	6	25	0.28	0.14	34	15	0.38	81	0.01	5	0.54	0.01	0.01	1	1
S	881A-02	3	35	50	191	0.4	31	9	340	3.14	208	5	ND	ND	20	2	2	2	28	0.43	0.13	28	16	0.53	123	0.02	5	0.81	0.01	0.01	1	1
S	881A-03	3	30	42	122	0.2	25	5	975	2.25	96	5	ND	ND	31	2	2	6	24	1.02	0.07	22	15	0.69	100	0.02	5	0.69	0.01	0.01	1	1
S	881A-04	7	55	69	234	0.3	63	12	1390	4.25	264	5	ND	ND	27	4	2	2	29	0.49	0.10	33	19	0.55	142	0.02	5	0.88	0.01	0.02	1	1
S	881A-05	3	21	31	95	0.2	27	1	1166	3.70	101	5	ND	ND	65	2	2	2	33	2.38	0.01	27	26	1.90	122	0.05	5	1.66	0.01	0.01	1	1
S	881A-06	9	41	84	122	0.4	30	9	1611	4.91	150	5	ND	ND	23	2	2	2	30	0.63	0.05	29	21	0.65	151	0.02	5	0.88	0.01	0.03	1	1
S	881A-07	3	30	39	128	0.4	26	1	1468	4.08	130	6	ND	ND	70	2	3	2	28	3.11	0.01	26	24	2.31	130	0.04	5	1.51	0.01	0.02	1	1
S	881A-08	3	43	54	201	0.5	35	6	428	3.43	202	5	ND	ND	29	2	3	2	35	0.80	0.12	30	21	0.87	98	0.03	5	1.12	0.01	0.01	1	1
A	881A-09	1	46	22	12	01	23	2	3002	4.50	22	5	ND	ND	56	1	4	2	1	13.05	0.01	3	12	6.65	70	0.01	5	0.02	0.01	0.05	1	1
S	881B-01	3	32	50	136	0.3	25	7	392	2.79	153	5	ND	ND	20	1	2	2	27	0.47	0.14	24	15	0.48	118	0.01	5	0.77	0.01	0.01	2	1
S	881B-02	1	9	1	13	0.1	4	1	48	0.35	8	5	ND	ND	15	1	2	2	7	0.26	0.05	1	2	0.05	30	0.02	5	0.22	0.03	0.01	1	1
S	881B-03	2	28	44	131	0.4	29	1	540	2.79	86	5	ND	ND	104	2	3	2	24	2.75	0.01	26	18	1.10	75	0.03	5	1.16	0.01	0.01	1	1
S	881B-04	4	39	84	187	0.5	35	11	424	3.59	125	5	ND	ND	53	2	2	6	33	1.06	0.10	34	20	0.69	92	0.02	5	0.97	0.01	0.02	1	1
S	881B-05	1	17	20	85	0.2	19	1	353	2.61	62	5	ND	ND	160	1	2	2	24	3.64	0.01	23	17	0.95	51	0.03	5	1.04	0.01	0.01	2	1
S	881B-06	3	35	53	172	0.2	30	8	429	2.90	136	5	ND	ND	29	2	2	2	27	0.60	0.13	29	17	0.61	84	0.02	5	0.79	0.01	0.01	1	1
S	881B-07	1	20	28	95	0.3	23	1	457	3.04	93	5	ND	ND	73	2	2	2	27	1.69	0.04	24	23	1.18	87	0.05	5	1.52	0.01	0.01	2	1
S	881B-08	8	42	51	159	0.3	33	12	769	5.11	657	5	ND	ND	30	3	2	2	29	0.51	0.13	27	22	0.58	125	0.02	5	0.81	0.01	0.01	1	1
S	881C-01	1	20	35	89	0.2	16	4	283	1.85	88	5	ND	ND	37	1	2	2	19	0.77	0.08	16	13	0.46	74	0.02	5	0.68	0.01	0.01	1	1
S	881C-02	1	4	1	20	0.1	2	2	63	0.53	12	5	ND	ND	11	1	2	2	12	0.17	0.06	1	3	0.07	19	0.02	5	0.19	0.02	0.01	1	1
S	881C-03	3	28	46	151	0.2	25	6	341	2.74	92	5	ND	ND	36	2	2	2	26	0.78	0.12	26	17	0.58	95	0.02	5	0.80	0.01	0.01	2	1
S	881C-04	3	34	50	120	0.3	35	5	656	3.41	130	5	ND	ND	62	2	2	2	30	1.65	0.05	30	22	1.15	112	0.03	5	1.31	0.01	0.01	1	1
S	881C-05	2	39	39	117	0.2	31	6	492	3.32	130	5	ND	ND	45	2	2	2	31	1.19	0.09	32	21	0.85	96	0.03	5	1.04	0.01	0.01	1	1
S	881C-06	2	31	49	100	0.3	33	1	461	3.81	171	5	ND	ND	119	2	3	2	34	1.84	0.03	27	32	1.51	100	0.05	5	2.05	0.02	0.02	1	1
S	881C-07	2	30	32	102	0.2	27	2	490	2.97	76	5	ND	ND	59	2	2	2	21	2.12	0.01	29	21	1.00	61	0.03	5	1.19	0.01	0.01	2	1
S	881C-08	2	35	35	107	0.3	28	6	778	3.39	194	5	ND	ND	52	2	2	3	23	1.89	0.01	30	22	1.38	84	0.03	5	1.22	0.01	0.03	1	1

TRENCH 88-1 SOIL SAMPLES

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT :

TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89046.I
INVOICE # : 90210
DATE ENTERED : 89-03-10
FILE NAME : PCR89046.I
PAGE # : 1

COMINCO BOULDERS
ICP DATA

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
P	R85-9540	1	268	23	27	0.1	5	12	179	6.29	207	5	ND	ND	7	1	5	7	2	0.08	0.03	12	44	0.27	34	0.01	714	0.57	0.03	0.01	6	1
P	R85-9541	2	637	44	24	1.7	64	107	50	14.49	17	5	16	ND	2	1	3	1619	3	0.01	0.01	2	88	0.02	21	0.01	1917	0.05	0.03	0.01	1	1
P	R85-9542	1	75	4	12	0.1	5	7	45	2.13	10	5	ND	ND	25	1	2	18	10	0.30	0.03	21	55	0.17	20	0.07	174	0.38	0.06	0.01	2	1
P	R85-9542	1	12	4	5	0.1	6	3	110	0.52	2	5	5	ND	1999	1	2	2	2	21.85	0.01	16	14	0.22	10	0.01	166	0.06	0.02	0.01	1	1
P	R85-9544	5	1010	38	24	0.1	44	158	53	18.21	32	5	23	ND	44	1	9	304	6	0.21	0.02	8	96	0.15	32	0.02	2292	0.26	0.05	0.01	71	1
P	R85-9545	3	38	13263	4411	29.2	16	24	41	9.08	104159	5	7	18	12	106	75	54	1	0.04	0.18	1	95	0.01	12	0.01	1167	0.01	0.13	0.01	480	1
P	R85-9546	2	902	14720	51	36.2	15	4	1758	29.98	6155	5	ND	ND	2	1	30	50	8	0.04	0.06	2	34	0.20	10	0.01	3996	0.04	0.07	0.01	11	1
P	R85-9547	1	338	81	11	0.3	32	45	46	7.19	64	5	ND	ND	4	1	2	135	2	0.08	0.01	1	153	0.01	7	0.01	799	0.01	0.03	0.01	2	1
P	R85-9548	3	168	24	19	0.3	8	20	82	3.92	37	5	ND	5	125	1	11	36	29	0.46	0.03	16	95	0.67	53	0.09	185	1.77	0.11	0.01	24	1
P	R85-9549	2	940	28	20	1.5	44	105	45	12.16	24	5	14	ND	10	1	5	678	3	0.13	0.01	6	101	0.02	44	0.01	1741	0.09	0.04	0.01	445	1
P	R85-9550	3	44	19	18	0.1	34	10	37	1.14	21	5	ND	ND	9	1	4	2	37	0.29	0.07	13	84	0.41	222	0.12	94	0.53	0.04	0.01	11	1
P	R85-9551	1	456	14	14	0.7	27	47	31	5.71	11	5	ND	ND	2	1	2	389	2	0.02	0.01	2	131	0.01	17	0.01	864	0.05	0.03	0.01	50	1
P	R85-9552	1	98	3	12	0.1	4	4	38	2.93	17	5	ND	ND	4	1	2	2	2	0.07	0.03	16	73	0.02	69	0.01	242	0.13	0.03	0.01	1	1
P	R85-9553	1	582	16	13	0.5	26	42	58	6.71	7	5	ND	ND	1	1	2	494	1	0.01	0.01	1	132	0.01	8	0.01	790	0.02	0.03	0.01	1	1
P	R85-9554	8	39	8	96	0.2	57	25	107	2.79	17	5	ND	ND	11	2	5	2	102	0.06	0.02	27	83	0.54	184	0.08	178	1.13	0.04	0.01	6	2
P	R85-9555	2	283	103	10	2.3	42	48	28	6.89	8	5	ND	ND	4	1	2	114	3	0.07	0.02	2	103	0.01	8	0.01	1031	0.03	0.03	0.01	1	1
P	R85-9556	1	96	7	9	0.8	37	44	55	7.91	9	5	6	ND	8	1	2	143	6	0.04	0.01	7	120	0.09	45	0.02	831	0.22	0.03	0.01	1	1
P	R85-9557	4	714	39	27	0.6	19	121	132	15.52	54	5	19	ND	200	1	10	472	4	2.61	0.02	7	87	0.04	23	0.01	2319	0.08	0.04	0.01	26	1
P	R85-9558	1	15	106	19	0.8	6	5	100	1.34	252	5	ND	ND	7	1	2	32	3	0.08	0.02	32	114	0.02	12	0.01	98	0.06	0.03	0.01	1	1
P	R85-9559	3	1543	31	24	0.8	13	146	61	16.23	35	5	16	ND	2	1	4	574	3	0.03	0.01	3	115	0.01	18	0.01	2611	0.01	0.04	0.01	1	1
P	R85-9560	1	37	4	6	0.2	10	6	42	1.40	30	5	ND	ND	1	1	2	2	2	0.01	0.01	1	194	0.01	5	0.01	110	0.02	0.02	0.01	1	1
P	R85-9561	2	210	37	15	0.6	37	35	135	5.36	20	5	ND	ND	14	1	2	13	10	0.15	0.02	6	108	0.16	22	0.03	574	0.16	0.04	0.01	1	1
P	R85-9562	1	28	25	5	0.7	9	4	29	0.90	12	5	ND	ND	3	1	2	2	2	0.02	0.01	10	195	0.01	6	0.01	67	0.03	0.03	0.01	1	1
P	R85-9563	1	481	16	11	0.6	48	65	26	7.97	8	5	8	ND	3	1	2	429	2	0.03	0.01	3	81	0.02	9	0.01	1314	0.04	0.03	0.01	7	1
P	R85-9564	1	379	17	10	0.5	18	53	66	8.47	24	5	7	ND	22	1	2	309	3	0.33	0.01	3	141	0.02	11	0.01	1105	0.05	0.03	0.01	1	1
P	R85-9565	1	402	33	11	0.2	45	66	58	8.20	18	5	5	ND	8	1	2	43	3	0.25	0.09	28	93	0.02	12	0.01	1353	0.04	0.03	0.01	5	1
P	R85-9566	4	334	4319	166	127.7	33	58	24	14.28	2569	5	11	5	9	4	27	2782	3	0.01	0.01	3	139	0.01	17	0.01	3327	0.01	0.05	0.01	1	1
P	R85-9567	5	838	49	25	0.7	39	118	79	14.88	42	5	15	6	97	1	14	178	19	0.31	0.03	13	107	0.40	45	0.05	2293	0.87	0.10	0.01	104	1
P	R85-9568	3	100	26	31	0.2	34	32	152	4.78	32	5	ND	7	64	1	16	35	36	0.35	0.03	14	103	0.93	56	0.09	287	1.88	0.10	0.01	11	2
P	R85-9569	1	310	31	10	0.6	37	57	20	6.19	19	5	ND	ND	4	1	2	77	4	0.04	0.02	3	74	0.04	8	0.01	1005	0.10	0.03	0.01	1	1
P	R85-9570	3	409	33	26	0.6	51	70	113	8.44	32	5	6	7	88	1	15	65	28	0.51	0.03	14	97	0.73	52	0.06	1365	1.62	0.13	0.01	6	2
P	R85-9571	2	129	10	11	0.4	28	39	69	5.88	36	5	ND	ND	5	1	2	211	4	0.05	0.01	7	129	0.10	44	0.01	652	0.21	0.04	0.01	1	1
P	R85-9572	4	115	17	27	0.4	33	33	132	5.01	22	5	ND	5	55	1	12	17	28	0.40	0.03	15	81	0.78	50	0.08	386	1.51	0.12	0.01	8	1
P	R85-9573	2	93	3	8	0.2	29	28	52	3.46	11	5	ND	ND	3	1	2	42	3	0.03	0.01	6	159	0.02	18	0.01	528	0.08	0.03	0.01	1	1
P	R85-9574	1	261	17	8	1.0	24	32	18	3.75	6	5	ND	ND	4	1	2	22	2	0.07	0.03	8	89	0.02	6	0.01	629	0.05	0.03	0.01	1	1
P	R85-9575	2	466	22	16	1.2	82	123	31	10.86	17	5	10	ND	4	1	4	372	4	0.05	0.02	5	72	0.06	13	0.01	1929	0.11	0.04	0.01	1	1
P	R85-9576	1	63	9	6	0.1	9	7	23	1.76	15	5	ND	ND	5	1	2	15	3	0.08	0.02	4	130	0.02	6	0.01	160	0.05	0.03	0.01	1	1
P	R85-9577	3	131	19	29	0.6	38	38	111	4.74	26	5	ND	6	40	1	14	14	30	0.31	0.03	13	97	0.83	37	0.09	490	1.43	0.07	0.01	7	1
P	R85-9578	1	142	46	7	0.5	12	9	21	1.57	12	5	ND	ND	3	1	3	84	4	0.03	0.01	16	188	0.04	6	0.01	262	0.07	0.03	0.01	1	1
P	R85-9579	1	314	75	27	0.6	42	4	145	8.74	191	5	ND	ND	36	1	3	67	26	0.44	0.05	15	66	0.94	24	0.05	1101	1.43	0.11	0.02	11	1

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT :

TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89046.I
INVOICE # : 90210
DATE ENTERED : 89-03-10
FILE NAME : PCR89046.I
PAGE # : 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CD	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
P	R85-9580	1	127	5	11	0.4	23	33	91	5.14	12	5	ND	ND	10	1	7	33	3	0.30	0.04	12	96	0.13	9	0.01	704	0.18	0.02	0.01	349	1
P	R85-9581	1	124	1	5	0.4	15	14	21	3.49	16	5	ND	ND	3	1	2	5	1	0.05	0.03	1	112	0.02	3	0.01	537	0.03	0.02	0.01	9	1
P	R85-9582	2	282	22	86	0.4	39	37	189	10.67	12	5	ND	ND	5	1	9	51	30	0.08	0.05	10	67	2.79	59	0.15	1235	2.73	0.04	0.02	3	1
P	R85-9583	1	427	15	12	0.5	42	50	39	10.83	6	5	5	ND	4	1	2	240	2	0.06	0.03	5	59	0.05	8	0.01	1312	0.10	0.03	0.01	7	1
P	R85-9584	2	316	14	27	0.2	75	77	84	12.72	14	5	5	ND	35	1	6	30	26	0.27	0.05	8	68	0.71	30	0.06	2176	1.29	0.05	0.01	1	1
P	R85-9585	1	117	4	6	0.2	19	18	46	3.40	7	5	ND	ND	5	1	2	6	1	0.15	0.02	1	153	0.04	3	0.01	550	0.04	0.02	0.01	2	1
P	R85-9586	1	127	6	8	0.2	10	11	37	2.66	3	5	ND	ND	4	1	2	7	3	0.05	0.03	47	133	0.08	6	0.01	390	0.12	0.02	0.01	57	1
P	R85-9587	1	138	3	7	0.1	21	17	61	3.83	6	5	ND	ND	7	1	2	2	1	0.17	0.03	3	99	0.03	3	0.01	494	0.04	0.02	0.01	51	1
P	R85-9588	1	5	1	3	0.1	6	6	51	0.36	5	5	ND	ND	19	1	4	2	1	0.52	0.01	1	196	0.01	2	0.01	81	0.01	0.02	0.01	4	1
P	R85-9589	1	195	7	17	0.4	23	22	106	5.41	3	5	ND	ND	25	1	5	149	21	0.20	0.03	9	93	0.68	48	0.07	543	1.16	0.07	0.01	26	1
P	R85-9590	2	454	21	34	0.1	50	68	162	11.74	16	5	ND	ND	12	1	6	30	30	0.13	0.03	11	71	1.67	46	0.11	1723	2.08	0.05	0.01	1	1
P	R85-9591	1	676	12	18	1.5	52	68	97	13.13	3	5	ND	ND	4	1	3	167	1	0.12	0.02	1	47	0.05	8	0.01	1894	0.08	0.03	0.01	1	1
P	R85-9592	2	150	20	15	0.5	25	29	939	5.45	24	5	ND	ND	172	1	5	100	4	6.22	0.04	13	72	0.22	30	0.01	768	0.25	0.02	0.01	6	1
P	R85-9593	2	304	19	23	0.5	51	60	136	12.88	21	5	6	ND	15	1	4	151	11	0.50	0.03	12	57	0.58	20	0.02	1479	0.92	0.04	0.01	3	1
P	R85-9594	1	941	7	15	0.9	35	52	42	8.29	2	5	6	ND	6	1	2	588	5	0.09	0.01	2	105	0.19	13	0.02	1343	0.31	0.03	0.01	1	1
P	R85-9595	2	395	26	20	0.5	47	57	71	12.56	125	5	5	ND	8	2	3	122	3	0.12	0.02	7	69	0.08	17	0.01	1445	0.15	0.03	0.01	158	1
P	R85-9596	1	59	9	10	0.2	11	10	123	1.68	12	5	ND	ND	7	1	2	11	2	0.25	0.03	32	127	0.03	16	0.01	143	0.10	0.02	0.01	4	1
P	R85-9597	1	205	9	25	0.4	13	5	112	5.34	6	5	ND	ND	31	1	4	41	19	0.16	0.03	11	79	0.83	31	0.05	235	1.28	0.05	0.02	3	1
P	R85-9598	1	58	15	8	1.2	153	24	51	5.66	307	5	ND	ND	5	2	2	35	2	0.06	0.04	18	99	0.02	9	0.01	1043	0.08	0.03	0.01	1	1
P	R85-9599	4	405	60	33	1.6	49	58	83	18.90	61	5	20	ND	5	1	8	1212	10	0.03	0.03	5	80	0.20	35	0.02	929	0.44	0.04	0.02	6	1
P	R85-9600	1	72	34	6	0.8	11	11	91	4.71	6	5	ND	ND	6	1	2	19	1	0.04	0.04	25	71	0.02	9	0.01	429	0.05	0.02	0.01	1	1
P	R85-9601	1	504	9	10	0.6	48	46	74	8.73	4	5	ND	ND	4	1	2	133	1	0.14	0.02	1	39	0.02	5	0.01	1188	0.03	0.03	0.01	1	1
P	R85-9602	1	75	23	40	0.5	32	9	183	4.33	11	5	ND	ND	70	1	6	21	48	0.55	0.03	14	99	0.92	91	0.19	293	2.60	0.14	0.01	3	2
P	R85-9603	3	1170	890	55	10.0	63	71	419	13.46	22	5	6	ND	23	1	9	998	2	1.78	0.01	2	74	0.04	12	0.01	1966	0.03	0.03	0.02	8	1
P	R85-9604	1	67	48	7	1.0	10	7	40	4.63	14	5	ND	ND	6	1	2	18	2	0.03	0.03	23	107	0.02	10	0.01	353	0.05	0.02	0.01	1	1
P	R85-9605	5	133	164	11	12.0	13	200	11	19.90	290468	5	ND	ND	4	1	101	842	2	0.02	0.03	1	38	0.02	20	0.01	2214	0.03	0.11	0.01	10	1
P	R85-9606	1	409	7	9	0.6	88	50	44	8.42	932	5	ND	ND	1	1	2	19	1	0.02	0.01	1	114	0.01	4	0.01	1054	0.01	0.02	0.01	6	1
P	R85-9607	1	398	3	9	0.2	11	31	31	5.74	73	5	ND	ND	2	1	2	23	4	0.02	0.01	3	115	0.08	23	0.01	728	0.17	0.03	0.01	1	1
P	R85-9608	2	184	5	7	0.2	58	41	68	5.59	30	5	ND	ND	4	1	2	6	1	0.12	0.03	16	91	0.01	2	0.01	791	0.03	0.02	0.01	1	1
P	R85-9609	4	193	10	9	0.2	3	10	38	5.19	11423	5	ND	ND	3	2	18	7	1	0.11	0.05	7	47	0.11	50	0.01	690	0.24	0.04	0.01	1	1
P	R85-9610	1	180	14	11	0.5	26	33	22	6.39	61	5	ND	ND	1	1	2	318	1	0.01	0.01	1	138	0.01	3	0.01	806	0.01	0.02	0.01	1	1
P	R85-9611	1	191	5	6	0.2	46	35	56	5.41	26	5	ND	ND	6	1	2	5	1	0.22	0.01	1	134	0.01	3	0.01	693	0.01	0.02	0.01	1	1
P	R85-9612	1	50	14	30	0.2	37	6	159	3.79	23	5	ND	ND	108	1	5	13	31	1.21	0.04	15	89	1.05	101	0.10	192	2.92	0.16	0.01	3	2
P	R85-9613	2	302	89	11	0.9	106	105	41	16.71	7	5	9	ND	2	1	7	416	1	0.06	0.01	2	80	0.01	9	0.01	2401	0.03	0.03	0.01	5	1
P	R85-9614	3	84	27	10	0.4	26	28	1787	5.62	38	5	ND	ND	41	1	8	40	4	4.15	0.02	173	44	0.79	31	0.01	848	0.31	0.03	0.01	6	1
P	R85-9615	1	6	3	4	0.1	5	6	27	0.96	7	5	ND	ND	1	1	2	6	1	0.02	0.01	8	157	0.01	10	0.01	85	0.03	0.02	0.01	1	1
P	R85-9616	1	66	21	25	0.1	31	4	146	3.79	18	5	ND	ND	111	1	8	27	39	1.01	0.04	16	108	1.01	84	0.12	222	2.88	0.20	0.01	4	2
P	R85-9617	1	63	3	11	0.1	13	10	53	2.49	7	5	ND	ND	4	1	2	35	6	0.08	0.02	17	100	0.23	51	0.02	205	0.44	0.02	0.01	1	1
P	R85-9618	1	378	7	10	0.8	101	54	35	7.49	7	5	ND	ND	3	1	2	186	1	0.05	0.01	5	89	0.02	8	0.01	1095	0.06	0.02	0.01	9	1
P	R85-9619	2	177	13	12	0.6	80	50	84	9.23	7	5	ND	ND	11	1	2	46	6	0.36	0.04	26	46	0.14	18	0.02	917	0.38	0.05	0.02	1	1

CERTIFIED BY : R Rossbach

ROSSBACHER LABORATORY LTD.

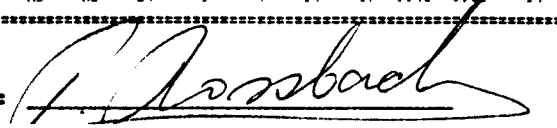
2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT :
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89046.I
INVOICE # : 90210
DATE ENTERED : 89-03-10
FILE NAME : PCR89046.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
P	R85-9620	3	417	15	12	0.5	175	112	24	15.51	8	5	8	ND	2	1	7	146	2	0.04	0.01	2	92	0.01	10	0.01	2073	0.02	0.04	0.01	495	1
P	R85-9621	3	288	50	13	0.4	159	123	41	17.98	8	5	9	ND	3	1	5	60	2	0.02	0.01	4	72	0.01	19	0.01	2330	0.06	0.04	0.01	1	1
P	R85-9622	1	26	9	4	0.2	11	13	31	2.09	3	5	ND	ND	1	1	2	51	1	0.02	0.01	1	156	0.01	1	0.01	221	0.01	0.02	0.01	95	1
P	R85-9623	4	437	333	15	3.1	84	131	26	20.01	9	5	19	ND	2	1	9	1242	2	0.03	0.01	1	70	0.01	11	0.01	2613	0.01	0.04	0.01	1	1
P	R85-9624	1	18	6	5	0.2	5	5	33	4.16	28	5	ND	ND	2	1	2	13	1	0.01	0.01	3	153	0.01	9	0.01	46	0.05	0.02	0.02	38	1
P	R85-9625	1	22	45	11	0.1	8	5	98	3.57	3	5	ND	ND	10	1	2	12	6	0.05	0.03	15	62	0.18	40	0.01	62	0.41	0.03	0.02	2	1
P	R85-9626	1	84	12	5	0.1	36	23	30	3.29	5	5	ND	ND	6	1	3	38	1	0.20	0.01	1	161	0.01	4	0.01	360	0.03	0.02	0.01	83	1
P	R85-9627	1	38	12	20	0.1	25	5	151	3.03	13	5	ND	ND	85	1	6	7	38	0.90	0.04	12	81	0.98	29	0.08	157	2.12	0.16	0.01	15	1
P	R85-9628	3	59	9	15	0.1	3	4	531	3.76	14	5	ND	ND	13	1	3	3	1	0.48	0.04	49	43	0.20	114	0.04	248	0.65	0.05	0.01	18	1
P	R85-9629	2	45	15	24	0.1	20	4	133	3.56	15	5	ND	ND	207	1	7	13	31	0.96	0.03	13	110	0.80	86	0.09	93	2.60	0.23	0.02	3	2
P	R85-9630	3	329	23	26	0.4	43	108	81	15.94	6	5	8	ND	63	1	6	153	14	0.20	0.03	15	55	0.46	30	0.05	2197	1.04	0.07	0.01	1	1
P	R85-9631	1	13	8	8	0.1	8	8	85	0.75	14	5	ND	ND	45	1	4	3	3	0.92	0.01	1	173	0.09	5	0.01	140	0.14	0.03	0.01	5	1
P	R85-9632	6	120	15	106	0.6	44	6	284	2.50	500	5	ND	ND	70	2	3	10	122	1.09	0.25	12	163	0.51	24	0.01	271	1.57	0.15	0.01	6	3
P	R85-9633	3	123	20	35	0.1	13	15	321	5.95	24	5	ND	ND	51	1	9	17	44	2.22	0.44	13	32	2.01	41	0.01	566	1.83	0.03	0.01	8	1
P	R85-9634	2	416	21	11	0.4	95	89	29	14.26	59	5	5	ND	12	1	4	37	3	0.18	0.04	18	44	0.03	9	0.04	1977	0.25	0.05	0.01	1	1
P	R85-9635	1	267	14	16	0.1	48	48	69	8.08	6	5	ND	ND	82	1	5	17	22	0.57	0.05	18	68	0.49	34	0.07	1056	1.50	0.14	0.01	1	1
P	R85-9636	1	873	19	22	0.2	151	243	24	29.64	1280	5	ND	ND	3	1	2	43	7	0.04	0.02	1	25	0.03	9	0.01	4421	0.03	0.10	0.02	1	1
P	R85-9637	2	56	10	12	0.1	3	5	225	3.85	49	5	ND	ND	58	1	6	6	1	1.00	0.03	25	42	0.19	71	0.01	456	0.60	0.05	0.02	5	1
P	R85-9638	1	975	34	25	2.8	114	197	52	35.24	84	5	20	ND	2	1	2	1143	7	0.01	0.02	3	11	0.02	10	0.01	4411	0.03	0.09	0.02	1	1
P	R85-9639	1	82	17	23	0.1	17	2	105	3.65	15	5	ND	ND	131	1	6	16	40	1.01	0.05	14	89	0.85	50	0.09	224	3.02	0.22	0.02	3	2
P	R85-9640	2	525	15	18	0.3	62	55	59	8.95	23	5	ND	ND	47	1	3	18	15	0.42	0.03	12	74	0.34	17	0.05	1256	1.15	0.10	0.01	2	1
P	R85-9641	3	342	19507	6221	58.6	5	7	66	2.53	877	5	ND	6	7	126	13	114	1	0.07	0.01	1	116	0.01	8	0.01	487	0.02	0.06	0.01	467	1
P	R85-9642	1	171	114	35	0.6	46	45	40	7.26	26	5	ND	ND	5	1	2	32	1	0.12	0.01	6	90	0.01	3	0.01	923	0.03	0.03	0.01	2	1
P	R85-9643	2	730	21	23	0.7	203	224	41	31.26	38	5	5	ND	5	1	2	211	7	0.13	0.02	5	22	0.02	10	0.01	4934	0.03	0.10	0.02	1	1
P	R85-9644	1	194	17	8	0.9	35	35	42	5.74	2	5	ND	ND	6	1	2	79	1	0.19	0.01	5	70	0.01	2	0.01	736	0.03	0.02	0.01	1	1
P	R85-9645	1	138	20	9	0.1	51	33	81	5.26	10	5	ND	ND	11	1	2	68	2	0.39	0.03	22	73	0.30	6	0.01	692	0.06	0.03	0.01	2	1
P	R85-9646	3	909	24	20	1.2	131	141	48	17.37	9	5	13	ND	7	1	6	333	3	0.11	0.01	5	55	0.05	18	0.01	2734	0.15	0.05	0.01	1	1
P	R85-9647	2	297	25	9	0.8	99	97	30	13.26	2	5	8	ND	7	1	3	259	2	0.15	0.03	14	53	0.02	12	0.01	2142	0.09	0.04	0.01	1	1
P	R85-9648	1	338	12	13	0.2	46	41	103	7.53	5	5	ND	ND	19	1	2	48	12	0.26	0.05	35	61	0.23	37	0.03	942	0.55	0.06	0.01	1	1
P	R85-9649	2	597	29	20	0.2	232	15	35	33.15	63	5	ND	ND	2	1	2	105	8	0.03	0.01	3	19	0.01	11	0.01	4853	0.02	0.10	0.02	1	1
P	R85-9650	2	381	33	17	0.7	71	104	72	14.95	5	5	6	ND	2	1	2	24	2	0.04	0.01	2	60	0.04	11	0.01	2113	0.07	0.04	0.02	1	1
P	R85-9651	3	455	14	13	0.4	25	70	29	11.03	7	5	ND	ND	3	1	2	26	2	0.04	0.03	9	86	0.02	9	0.01	1399	0.05	0.03	0.01	1	1
P	R85-9652	3	817	28	22	0.7	47	135	63	17.54	6	5	15	ND	164	1	4	474	14	0.37	0.03	7	60	0.37	31	0.04	2789	1.13	0.12	0.01	1	1
P	R85-9653	3	496	25	22	0.6	42	113	80	16.36	19	5	12	ND	238	1	8	285	24	0.78	0.04	10	76	0.56	38	0.07	2373	1.89	0.16	0.02	1	1
P	R85-9654	1	342	22	19	0.3	23	54	95	10.37	12	5	7	ND	252	1	8	246	29	1.14	0.04	11	73	0.63	60	0.07	1347	2.60	0.22	0.02	3	2
P	R85-9655	2	327	209	11	1.3	16	24	157	7.36	40	5	ND	ND	3	1	3	951	1	0.07	0.01	1	108	0.30	12	0.01	688	0.04	0.03	0.01	1	1
P	R85-9656	2	246	45	26	0.5	49	46	37	10.29	12	5	ND	ND	3	1	3	118	3	0.02	0.01	1	72	0.04	13	0.01	1087	0.10	0.03	0.02	12	1
P	R85-9657	1	83	16	16	0.1	6	4	70	5.97	9	5	ND	ND	30	1	6	23	16	0.09	0.07	16	75	0.34	20	0.04	90	0.69	0.04	0.02	11	1
P	R85-9658	1	48	14	7	0.1	15	12	83	2.07	5	5	ND	ND	13	1	2	7	5	0.34	0.06	25	77	0.07	17	0.02	206	0.21	0.02	0.01	5	1
P	R85-9659	1	291	16	16	0.1	33	24	108	5.73	7	5	ND	ND	54	1	4	14	17	0.43	0.03	14	84	0.50	48	0.06	675	1.32	0.11	0.01	3	1

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT :

TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89046.I
INVOICE # : 90210
DATE ENTERED : 89-03-10
FILE NAME : PCR89046.I
PAGE # : 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CD	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
P	R85-9660	30	115	15	15	0.3	122	18	126	2.80	5	5	ND	ND	15	1	2	2	129	0.55	0.18	8	93	0.18	85	0.02	218	0.74	0.05	0.01	4	2
P	R85-9661	2	181	17	7	0.1	16	33	908	6.90	7	5	ND	ND	207	1	2	15	1	15.09	0.01	6	22	0.46	10	0.01	936	0.04	0.03	0.01	1	1
P	R85-9662	3	690	23	30	0.4	67	109	56	15.66	23	5	10	ND	4	1	3	284	2	0.13	0.01	1	64	0.02	19	0.01	1826	0.04	0.03	0.01	1	1
P	R85-9663	5	812	36	21	0.6	43	175	39	20.13	10	5	19	ND	13	1	9	495	4	0.16	0.02	6	52	0.10	13	0.01	3070	0.23	0.04	0.01	6	1
P	R85-9664	4	511	7336	22	94.0	16	114	29	27.65	95549	5	5	5	3	1	59	1540	8	0.01	0.01	4	32	0.01	16	0.01	4404	0.02	0.21	0.01	1	1
P	R85-9665	3	6	40	13	0.2	5	4	654	2.63	362	5	ND	ND	6	1	2	8	1	0.13	0.01	31	78	0.05	56	0.01	63	0.11	0.04	0.02	2	1
P	R85-9666	4	56	26	15	0.1	26	14	626	4.35	58	5	ND	ND	117	1	11	18	46	11.65	0.08	19	22	5.00	88	0.01	229	0.07	0.02	0.01	1	2
P	R85-9667	4	4	15	10	0.3	3	6	888	2.88	39	5	ND	ND	38	1	2	3	1	1.32	0.08	10	46	0.46	28	0.01	332	0.17	0.06	0.01	4	1
P	R85-9668	6	22	21	9	0.2	2	4	44	2.35	46	5	ND	ND	3	1	2	11	2	0.11	0.01	32	48	0.06	13	0.01	46	0.24	0.07	0.02	1	1
P	R85-9669	2	166	22	17	0.1	68	22	39	6.81	46	5	ND	ND	4	1	2	3	33	0.06	0.05	4	98	0.90	23	0.01	1053	0.96	0.03	0.01	1	1
P	R85-9671	1	342	1482	111	46.8	46	57	155	10.40	39	5	ND	ND	2	2	5	1204	1	0.05	0.01	1	119	0.05	4	0.01	1739	0.01	0.03	0.01	1	1
P	R85-9672	2	1298	38	23	1.1	58	73	33	16.34	39	5	9	ND	6	1	4	171	1	0.09	0.01	1	73	0.02	7	0.01	2323	0.03	0.03	0.01	1	1
P	R85-9673	1	157	12	6	0.4	26	16	34	3.23	3	5	ND	ND	1	1	2	2	1	0.02	0.01	1	108	0.01	1	0.01	341	0.02	0.02	0.01	1	1
P	R85-9674	1	383	9	8	0.8	14	34	25	8.38	11	5	6	ND	4	1	2	536	1	0.10	0.01	1	110	0.01	2	0.01	994	0.01	0.03	0.01	1	1
P	R85-9675	1	16	16	11	0.1	15	9	696	0.92	19	5	ND	ND	110	1	4	7	2	3.91	0.01	2	85	0.15	6	0.01	218	0.21	0.02	0.01	7	1
P	R85-9676	1	103	26	9	0.8	13	18	38	2.47	93	5	ND	ND	1	1	2	2	1	0.03	0.01	1	182	0.01	1	0.01	407	0.01	0.02	0.01	1	1
P	R85-9677	1	48	27	53	0.2	44	1	304	4.48	27	5	ND	ND	456	1	2	22	64	2.91	0.07	20	122	1.36	60	0.14	317	5.52	0.45	0.02	2	3
P	R85-9678	1	65	23	43	0.1	33	20	202	3.35	11	5	ND	ND	78	1	3	6	16	0.64	0.01	10	80	0.52	21	0.09	271	1.25	0.12	0.01	3	1
P	R85-9679	1	248	7	8	0.3	7	4	18	3.55	4	5	ND	ND	4	1	2	2	1	0.04	0.01	1	99	0.03	2	0.01	252	0.10	0.03	0.01	1	1
P	R85-9680	1	4	10	4	0.2	4	5	19	0.31	47	5	ND	ND	1	1	2	2	1	0.01	0.01	1	124	0.01	1	0.01	15	0.02	0.01	0.01	1	1
P	R85-9681	2	255	23	15	0.2	47	72	92	13.33	10	5	7	ND	64	1	2	67	16	0.57	0.03	21	73	0.40	30	0.06	1697	1.14	0.12	0.01	45	1
P	R85-9684	1	489	203	257	2.9	43	58	43	9.85	10	5	ND	ND	1	4	2	16	1	0.02	0.01	1	125	0.01	4	0.01	1495	0.02	0.02	0.01	3	1
P	R85-9685	3	178	29	137	0.2	74	30	56	10.32	17	5	ND	ND	10	3	4	11	124	0.44	0.22	49	108	1.63	19	0.01	1545	2.17	0.05	0.01	2	3
P	R85-9686	7	9	34	9	2.0	3	5	40	2.26	40	5	ND	ND	7	1	2	2	2	0.01	0.01	51	62	0.02	428	0.01	164	0.14	0.02	0.01	1	1
P	R85-9687	1	335	15	10	0.3	2	1	34	7.60	4229	5	ND	ND	4	1	9	2	1	0.07	0.03	12	47	0.03	48	0.01	975	0.22	0.03	0.01	1	1
P	R85-9688	3	24	12	14	0.1	4	2	71	1.60	65	5	ND	ND	5	1	2	2	5	0.06	0.03	16	54	0.78	12	0.01	116	0.71	0.04	0.01	1	1
P	R85-9689	1	4	31	5	0.9	3	4	34	0.53	455	5	ND	ND	15	1	2	2	1	0.03	0.01	8	101	0.02	33	0.01	47	0.15	0.02	0.01	1	1
P	R85-9690	2	2064	1111	31	13.5	5	69	38	2.56	6227	5	ND	ND	3	1	2	3370	1	0.02	0.01	3	113	0.01	14	0.01	245	0.04	0.02	0.01	1	1
P	R85-9691	1	21	14	14	0.2	1	5	11	0.90	204	5	ND	ND	8	1	2	16	1	0.08	0.05	5	67	0.01	20	0.01	116	0.20	0.04	0.01	1	1
P	R85-9692	1	12	15	4	0.5	3	4	19	0.83	11	5	ND	ND	1	1	2	15	1	0.01	0.01	1	123	0.01	1	0.01	43	0.02	0.02	0.01	1	1
P	R85-9693	1	3	21	13	0.4	2	4	29	0.98	3667	5	ND	ND	10	1	8	2	1	0.17	0.08	19	57	0.02	35	0.01	121	0.26	0.02	0.01	1	1
P	R85-9694	1	2	10	10	0.2	2	4	34	0.39	496	5	ND	ND	7	1	2	2	1	0.15	0.07	10	53	0.01	16	0.01	64	0.16	0.03	0.01	1	1
P	R85-9095	7	521	26	20	0.6	13	21	56	16.64	20	5	13	ND	28	1	5	458	11	0.20	0.04	8	74	0.28	36	0.05	100	0.51	0.04	0.02	1	1
P	R85-9696	4	604	31	16	1.2	48	150	43	19.60	2	5	22	ND	2	1	6	909	1	0.02	0.01	1	57	0.01	10	0.01	3207	0.02	0.04	0.01	25	1
P	R85-9697	1	93	1	4	0.2	2	5	23	0.62	2	5	ND	ND	5	1	2	16	1	0.02	0.01	1	99	0.01	6	0.01	46	0.03	0.01	0.01	5	1
P	R85-9698	2	435	50	11	0.7	46	48	237	10.48	34	5	ND	ND	12	1	2	40	1	0.42	0.04	11	54	0.03	6	0.01	1346	0.03	0.03	0.01	1	1
P	R85-9699	1	21	112	7	3.0	4	4	21	1.60	2	5	ND	ND	4	1	2	8	1	0.01	0.02	8	127	0.01	7	0.01	68	0.03	0.02	0.01	1	1
P	R85-9700	1	220	9	21	0.4	21	1	933	5.61	2	5	ND	ND	6	1	2	2	14	0.30	0.03	23	75	0.29	11	0.04	227	1.17	0.03	0.01	1	1
P	R85-14502	1	330	66	25	0.6	31	260	14	29.84	452	5	ND	ND	2	1	2	422	6	0.02	0.01	1	25	0.01	15	0.01	3563	0.01	0.09	0.02	9	1
P	R85-14503	4	522	84	20	2.7	86	180	30	19.16	7	5	34	ND	2	1	11	2735	2	0.03	0.01	1	60	0.06	18	0.01	3415	0.01	0.04	0.01	1	1

CERTIFIED BY : R Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT :
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89046.I
INVOICE # : 90210
DATE ENTERED : 89-03-10
FILE NAME : PCR89046.I
PAGE # : 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
P	R85-14504	2	241	66	20	0.3	27	68	21	14.03	7	5	7	ND	11	1	4	32	1	0.47	0.01	1	103	0.04	12	0.01	2219	0.03	0.03	0.01	1	1
P	R85-14505	1	2273	41	22	1.8	50	75	12	11.04	2	5	5	ND	5	1	3	231	2	0.10	0.03	6	50	0.03	14	0.04	1857	0.15	0.03	0.01	1	1
P	R85-14506	2	999	35	18	2.5	28	58	25	12.75	11	5	22	ND	7	1	2	3500	1	0.09	0.02	4	76	0.02	15	0.01	2011	0.06	0.03	0.01	1	1
P	R85-14507	1	816	12	11	0.6	14	44	10	6.34	2	5	ND	ND	7	1	2	140	1	0.06	0.02	2	56	0.02	41	0.01	1255	0.16	0.02	0.01	222	1
P	R85-14508	1	142	45	9	1.2	41	44	54	7.26	7	5	ND	ND	5	1	2	68	1	0.09	0.02	1	91	0.02	32	0.01	1066	0.04	0.03	0.01	1	1
P	R85-14509	2	428	22	24	0.3	21	41	97	9.43	7	5	ND	ND	58	1	5	74	11	0.32	0.03	16	50	0.62	35	0.03	1471	1.36	0.06	0.01	1	1
P	R85-14510	1	118	37	7	1.4	37	48	42	8.03	2	5	ND	ND	7	1	2	116	1	0.14	0.02	15	104	0.02	31	0.03	1232	0.26	0.03	0.01	1	1
P	R85-14511	1	115	26	7	0.8	12	22	20	4.11	10	5	ND	ND	12	1	2	182	2	0.09	0.04	16	63	0.04	75	0.01	611	0.22	0.02	0.01	84	1
P	R85-14512	1	560	9	12	0.3	12	36	16	9.18	2	5	ND	ND	5	1	2	43	1	0.06	0.01	1	106	0.01	30	0.01	1180	0.02	0.03	0.01	57	1
P	R85-14513	1	120	14	7	0.2	26	29	20	4.04	2	5	ND	ND	6	1	2	26	1	0.08	0.03	25	93	0.02	79	0.01	629	0.06	0.02	0.01	2	1
P	R85-14514	4	425	35	25	0.2	22	82	41	18.31	24	5	11	ND	6	1	7	43	5	0.03	0.03	14	46	0.33	29	0.01	2257	0.47	0.04	0.02	1	1
P	R85-14515	1	192	172	7	3.2	32	30	56	5.48	5	5	ND	ND	7	1	2	261	1	0.28	0.04	1	99	0.02	38	0.01	721	0.06	0.03	0.01	1	1
P	R85-14516	2	155	2600	11	30.8	6	73	157	11.85	154	5	ND	ND	3	1	8	376	1	0.01	0.01	1	101	0.01	31	0.01	1102	0.04	0.03	0.01	1	1
P	R85-14517	1	133	23	6	0.2	12	18	22	2.86	2	5	ND	ND	2	1	2	5	1	0.02	0.01	1	127	0.01	29	0.01	373	0.01	0.02	0.01	1	1
P	R85-14518	1	61	29	6	0.3	5	11	27	0.77	3	5	ND	ND	4	1	2	8	1	0.03	0.02	3	116	0.01	51	0.01	105	0.11	0.02	0.01	3	1
P	R85-14519	1	34	12	8	0.1	20	15	166	1.67	9	5	ND	ND	6	1	2	2	3	0.52	0.01	2	96	0.29	153	0.01	180	0.28	0.05	0.01	2	1
P	R85-14520	1	178	350	22	8.0	6	13	35	3.19	9143	5	ND	ND	1	1	8	23	1	0.02	0.01	1	103	0.02	103	0.01	325	0.01	0.03	0.01	1	1
P	R85-14521	1	211	19	8	0.2	18	26	42	3.93	44	5	ND	ND	3	1	2	16	1	0.04	0.01	1	119	0.01	51	0.01	527	0.04	0.02	0.01	48	1
P	R85-14522	1	105	36	8	1.4	22	22	27	4.57	10	5	8	ND	2	1	2	868	1	0.02	0.01	1	104	0.01	91	0.01	541	0.01	0.02	0.01	1	1
P	R85-14523	1	2	9	4	0.2	5	6	12	0.27	2	5	ND	ND	1	1	2	5	1	0.01	0.01	1	178	0.01	38	0.01	17	0.01	0.02	0.01	1	1
P	R85-14527	1	374	187	3290	9.9	14	5	70	9.92	311	5	ND	ND	1	33	5	109	1	0.01	0.01	1	92	0.01	20	0.01	2004	0.01	0.03	0.01	73	1
P	R85-14528	1	333	16	30	0.6	35	79	14	6.52	3	5	ND	ND	3	1	2	166	1	0.04	0.02	7	35	0.05	44	0.01	1339	0.22	0.03	0.01	1	1
P	R85-14529	1	25	8	16	0.1	10	11	77	1.36	17	5	ND	ND	1	1	2	4	3	0.01	0.01	1	148	0.09	48	0.01	56	0.16	0.02	0.01	1	1
P	R85-14530	4	845	966	69	38.3	15	13	50	13.64	124744	5	7	ND	1	1	51	994	1	0.02	0.01	1	78	0.01	21	0.01	1887	0.01	0.10	0.01	6	1
P	R85-14531	5	1945	8983	48	112.8	8	14	17	17.28	2533	5	9	6	11	1	2	237	4	0.05	0.01	2	106	0.04	13	0.01	4442	0.09	0.05	0.01	1	1
P	R85-14532	1	24	101	8	1.2	5	6	20	1.39	431	5	ND	ND	4	1	4	10	1	0.01	0.01	1	126	0.01	68	0.01	183	0.01	0.02	0.01	1	1
P	R85-14533	6	52	22024	20688	84.6	14	14	76	7.59	95669	5	ND	ND	7	307	91	143	7	0.05	0.01	1	85	0.01	33	0.01	1126	0.01	0.14	0.02	464	1
P	R85-14534	1	156	112	95	0.6	16	20	30	2.15	401	5	ND	ND	2	1	2	7	1	0.01	0.01	2	119	0.01	27	0.01	334	0.02	0.02	0.01	3	1
P	R85-14535	1	8	147	86	0.8	2	4	46	0.34	314	5	ND	ND	12	2	2	5	1	0.19	0.11	1	67	0.01	25	0.01	41	0.15	0.05	0.01	3	1
P	R85-14536	1	414	19	27	0.5	16	17	21	2.47	67	5	ND	ND	1	1	2	174	1	0.02	0.01	1	123	0.01	27	0.01	290	0.01	0.02	0.01	1	1
P	R85-15043	1	758	13	21	0.6	53	49	35	6.80	39	5	ND	ND	1	1	2	6	1	0.04	0.01	1	106	0.01	4	0.01	899	0.01	0.02	0.01	1	1
P	R85-15044	1	203	12	8	0.4	66	52	31	8.15	9	5	ND	ND	1	1	2	5	1	0.02	0.01	1	96	0.01	4	0.01	1000	0.01	0.02	0.01	1	1
P	R85-15045	1	38	22	16	0.2	33	15	126	1.58	27	5	ND	ND	153	1	8	17	12	3.92	0.05	19	50	0.20	19	0.07	365	0.70	0.06	0.02	7	1
P	R85-15046	1	479	18	12	0.4	89	66	42	11.05	7	5	ND	ND	2	1	2	16	2	0.05	0.01	2	89	0.02	9	0.01	1321	0.03	0.03	0.01	1	1
P	R85-15047	2	338	18	12	1.1	30	52	20	11.26	4	5	10	ND	2	1	2	861	1	0.04	0.01	1	80	0.01	5	0.01	1505	0.01	0.03	0.01	1	1
P	R85-15048	1	210	18	11	0.3	43	49	40	8.81	10	5	ND	5	7	1	8	177	3	0.04	0.04	14	103	0.02	17	0.01	1061	0.08	0.03	0.01	16	1
P	R85-15051	3	70	26	8	0.5	7	7	27	5.38	8	5	ND	ND	16	1	2	19	4	0.01	0.04	6	98	0.01	16	0.01	72	0.07	0.02	0.02	8	1
P	R85-15052	14	177	19133	97721	735.9	11	27	192	14.82	4954	5	6	16	1	1081	95	262	1	0.01	0.01	1	66	0.01	14	0.01	4751	0.01	0.09	0.01	2347	1
P	R85-15053	1	149	54	190	0.3	26	31	39	5.89	18	5	ND	ND	10	2	2	12	2	0.10	0.01	2	111	0.03	10	0.01	719	0.09	0.03	0.01	8	1
P	R85-15055	1	321	30	43	0.3	39	38	140	9.35	20	5	ND	ND	169	1	5	81	37	1.10	0.04	13	90	0.84	85	0.08	1117	2.97	0.23	0.01	4	2

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PACIFIC COMOX RESOURCES LTD.
#704-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT :
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 89046.I
INVOICE # : 90210
DATE ENTERED : 89-03-10
FILE NAME : PCR89046.I
PAGE # : 6

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% SI	PPM W	PPM BE
P	R85-15056	2	250	304	132	3.1	66	52	612	10.28	14	5	ND	ND	15	2	3	18	1	0.45	0.01	1	76	0.16	13	0.01	1403	0.04	0.03	0.01	5	1
P	R85-15057	2	865	40	19	0.6	20	46	52	9.05	42	5	ND	ND	3	1	4	1344	1	0.17	0.01	1	94	0.03	10	0.01	1284	0.02	0.03	0.01	39	1
P	R85-15058	2	375	109	26	0.3	51	59	128	11.05	16	5	ND	ND	15	4	6	35	21	0.37	0.04	15	66	0.63	21	0.06	1448	1.17	0.04	0.01	2	1

CERTIFIED BY : R. Rossbach

Aug. 30 / 1989

DIANE EMOND:

Dear Diane:

Please find enclosed the report I promised you — and a copy of my bills to Tony Penikett.

I would appreciate if the report was kept as your 'personal property' at this stage and not put on file at DIAND or potential land claims applications.

Am hoping to get funded in near future and will call you at that time.

Thanks.

D. R. MacQuarrie

Douglas R. MacQuarrie

CONFIDENTIAL

August 23, 1989

COPY

Yukon Department of Economic Development
Mines and Small Business
Box 2703, Whitehorse, Yukon, Y1A 2C6

ATTENTION: Mr. Tony Penikett, Minister
Government Leader

Dear Sir:

RE: FUNDING REQUEST

I would like to take this opportunity to introduce Pacific Comox to you. The ultimate intent of this letter is to see if we can work out some mutual financial arrangement that would see the continued development of our very substantial and promising TAY-LP mineral claims located south of Ross River.

Pacific Comox is a junior gold exploration company with claim holdings in the Yukon, B.C., Saskatchewan and Quebec. All of our projects are of very high calibre reflecting the expertise level of our board of directors whom are all professional geologists, geophysicists, consultants and explorationists. By far our most advanced property is the TAY-LP.

Cominco Ltd. completed extensive exploration on these claims - including some 16 drill holes over the period from 1985 to December 1987. This exploration outlined strong, wide, gold bearing structures. In January 1988, we optioned the property from Cominco and last October, drilled 6 holes at wide spaced intervals from the previous drilling, returning two excellent gold intersections. In late November we re-mobilized Arctic diamond drilling to further test these zones, however we were unable to access the property as a result of major snow slides.

These two near ore grade intersections occur in a previously untested area and are co-incident with very strong geophysical anomalies, inferring major size potential.

Given the present weak junior equity - flow through markets and the lack of activity hence 'excitement' in the Yukon, we have found it difficult to raise further funds to proceed with the required step-out drilling. This next phase has a good chance at outlining a major 'new, exciting find' for the Yukon and potentially provide the impetus to shake the Yukon's exploration industry out of its stagnation, while at the same time creating the demand for our shares to provide equity funding for our continuing exploration.

...../2

COPY

According to the Whitehorse Star, July 19, 1989, there is a large unused cash reserve in the Exploration Incentives Program. Rather than see those budgeted funds sit idle, the type of arrangement I would like to make would see the Yukon government loan between $200,000 and $300,000 to Pacific Comox, interest free for a period of time, secured by our general assets and in particular our mineral properties, repayable against future equity placements or on production from the property. I repeat, it would be a loan not a grant.

These funds would be used to continue our exploration on the TAY-LP, with the bulk of the contracts going to Yukon contractors for drilling, trenching, etc.

Please do not hesitate to consult Diane Emond of DIAND or Ron Robertson, consultant, both of Whitehorse, for further information on the technical merits of the program. They have both visited the property in the past.

Please contact me directly should you see a potential funding of our project along the line discussed or some other route. I have enclosed a 'Corporate Profile' on Pacific Comox for your general information.

I would be glad to make a direct presentation in Whitehorse if required, and provide further background information, proposed budgets etc.

Yours sincerely,
PACIFIC COMOX RESOURCES LTD.,

Douglas R. MacQuarrie
Chairman

pl90823

RAM CLAIMS

BOB CLAIMS

MAC CLAIMS

RAM CLAIMS

MAT

MEGAN

2 Km. Area of Influence

N

105F/7
105F/10

61° 30' N.

0 1 2 3 Km.

441
MAP# 105 F/10
DOC# 093041

PACIFIC COMOX RESOURCES LTD.

TAY-LP CLAIMS

GRID AND DRILL HOLE LOCATIONS

WATSON LAKE M.D.

NTS 105F/7,10

FIGURE 2

GRID EAST 62°

CLAIM BOUNDARY

ROAD

RAM

CREEK

SEAGULL

TOLBERT

CAMP

88-17 88-18 88-19 88-20 88-21 88-22

87-6 87-7 87-8 87-9 87-10 87-11 87-12 87-13 87-14 87-15 87-16

85-1 85-2 85-3 85-4 85-5

4200 4100 4000 3900 3800 3700 4300 4400

For details of North Grid see FIGURE's 11 & 12

L1E L1W L2W L3W L5W

TL 5+00 N (056°)

NORTH GRID

LEGEND

- H — Magnetic high anomaly ≥ 58,200 gammas.
- L — Magnetic low anomaly ≤ 58,120 gammas.
- Aerodat — Interpreted bedrock conductor axis. (4600 HZ coaxial).
- Max-Min and or VLF-EM conductors, Axis, Zone of multiple conductors.
- Induced Polarization high ≥ 20% frequency effect.
- Fault, interpreted.
- 88-20 — Diamond drill hole, Drill number.
- Road.
- Claim boundary.
- Creek.
- Topographic contours, Contour interval 100 feet.

NOTE: Induced Polarization data in selected area only.

PACIFIC COMOX RESOURCES LTD.

TAY — L P CLAIMS

WATSON LAKE MINING DISTRICT — YUKON TERRITORY

GEOPHYSICAL COMPILATION MAP

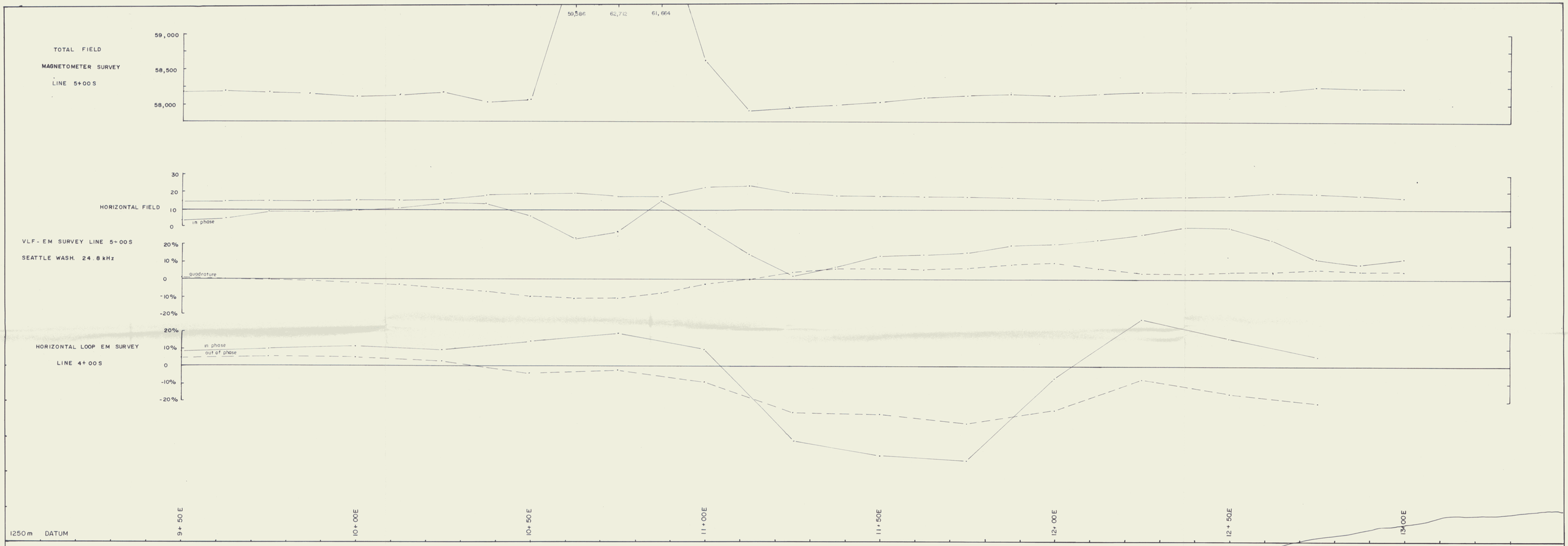
SCALE 1 : 5,000 (200 0 200 400 METRES; 500 0 500 FEET)

(442)
MAP# 105 F/10
DOCE 093041

DATE: May, 1989

N.T.S. 105 f/10

FIGURE 4



1250m DATUM

9+50E | 10+00E | 10+50E | 11+00E | 11+50E | 12+00E | 12+50E | 13+00E

DDH LP 88-17
LOCATION 490S 1165E
DIP -45°
AZIMUTH 242°
LENGTH 152.7m

Sh C
QZ
UM AF
VQT
VQ
SQMBH
Po
VQTPo
6.0 ppb
20 at/ton
910
0.032

E.O.H 152.7m

LEGEND

LITHOLOGIES

- Sh = SHALE
- QZ = QUARTZITE
- AF = ASH-TUFF
- UM = ULTRAMAFIC
- AN = ANDESITE / VOLCANIC
- L = LIMESTONE / MARBLE
- S = SCHIST
- V = VEIN

MODIFIERS

- C = CARBONACEOUS
- H = CHLORITE
- M = MUSCOVITE
- B = BIOTITE
- Q = SILICIFIED
- T = TOURMALINE
- K = SKARN
- Po = PYRRHOTITE
- Py = PYRITE
- Cpy = CHALCOPYRITE
- Mag = MAGNETITE
- BR = BRECCIATED

360183 420ppb = SAMPLE NUMBER, INTERVAL, GOLD VALUE

FAULT

0 10 20 30 m

SCALE 1:500

(443)
MAP# 105 F/10
DOC# 093041

J.C STEPHEN EXPLORATIONS LTD.

PACIFIC COMOX RESOURCES LTD.

TAY-LP CLAIMS

5+00 S

DDH LP 88-17

FIGURE 5a

TOTAL FIELD

MAGNETOMETER SURVEY

LINE 30+00S

59,000

58,500

58,000

HORIZONTAL FIELD

30

20

10

0

VLF-EM SURVEY LINE 30+00S

SEATTLE WASH. 24.8 kHz

20 %

10 %

0

-10 %

-20 %

quadrature

in phase

HORIZONTAL LOOP EM SURVEY

LINE 30+00S

20%

10%

0

-10%

-20%

in phase

out of phase

1150m DATUM

5+50 E

6+00E

6+50 E

7+00E

7+50E

8+00E

8+50E

9 00E

DDH LP 88-18
LOCATION 3000S 670E
AZIMUTH 242°
DIP -45°
LENGTH 99.4m

Vgpx VGT

T

III

8250

8253

spb

azmsh

SCHBH (L)

VGTPo Vg Pe

II III

1440

8640

0.554

0.315

BO

E.O.H. 99.4m

LEGEND

LITHOLOGIES

Sh = SHALE
QZ = QUARTZITE
AF = ASH-TUFF
UM = ULTRAMAFIC
AN = ANDESITE / VOLCANIC
L = LIMESTONE / MARBLE
S = SCHIST
V = VEIN

MODIFIERS

C = CARBONACEOUS
H = CHLORITE
M = MUSCOVITE
B = BIOTITE
Q = SILICIFIED
T = TOURMALINE
K = SKARN
Po = PYRRHOTITE
Py = PYRITE
Cpy = CHALCOPYRITE
Mag = MAGNETITE
BR = BRECCIATED

360183 420ppb = SAMPLE NUMBER, INTERVAL, GOLD VALUE

FAULT

0 10 20 30 m

SCALE 1:500

(444)
MAP# 105F/10
OOC# 093041

J.C STEPHEN EXPLORATIONS LTD.

PACIFIC COMOX RESOURCES LTD.

TAY-LP CLAIMS

30+00 S

DDH LP 88-18

FIGURE 5b

TOTAL FIELD

MAGNETOMETER SURVEY

LINE 28+00 S

59,000
58,500
58,000

HORIZONTAL FIELD

30
20
10
0

VLF- EM SURVEY LINE 28+00S

SEATTLE WASH. 24.8 kHz

20 %
10 %
0
-10%
-20%

in phase
quadrature

HORIZONTAL LOOP EM SURVEY

LINE 28+00S

20%
10%
0
-10%
-20%

out of phase
in phase

1150 m DATUM

0+50 E
1+00 E
1+50 E
2+00 E
2+50 E
3+00 E
3+50 E
4+00 E

DDH LP 88-19
LOCATION 2800 S 250E
AZIMUTH 242°
DIP -45°
LENGTH 123.7m

Sh
SHQB
ppb
oz/ton
Sh
SQ
SQPoPyCpy
Sh
VQPoT
SMBPo
VQPoT
ShPoT
E.O.H 123.7m

LEGEND

LITHOLOGIES

Sh = SHALE
QZ = QUARTZITE
AF = ASH- TUFF
UM = ULTRAMAFIC
AN = ANDESITE / VOLCANIC
L = LIMESTONE / MARBLE
S = SCHIST
V = VEIN

MODIFIERS

C = CARBONACEOUS
H = CHLORITE
M = MUSCOVITE
B = BIOTITE
Q = SILICIFIED
T = TOURMALINE
K = SKARN
Po = PYRRHOTITE
Py = PYRITE
Cpy = CHALCOPYRITE
Mag = MAGNETITE
BR = BRECCIATED

360183 420ppb = SAMPLE NUMBER, INTERVAL, GOLD VALUE

FAULT

0 10 20 30 m

SCALE 1:500

(445)
MAP# 105 F/10
DOC# 093041

J.C STEPHEN EXPLORATIONS LTD.

PACIFIC COMOX RESOURCES LTD.

TAY- LP CLAIMS

28+00 S

DDH LP 88-19

FIGURE 5c

TOTAL FIELD
MAGNETOMETER SURVEY
LINE 21+00 S.

59,000
58,500
58,000

HORIZONTAL FIELD

30
20
10
0

VLF-EM SURVEY LINE 21+00 S.
SEATTLE, WASH 24.8 kHz

20%
10%
0
-10%
-20%
quadrature
in phase

HORIZONTAL LOOP EM SURVEY
LINE 22+00 S.

20%
10%
0
-10%
-20%
in phase
out of phase

0+50 E
1+00E
1+50E
2+00E
2+50E
3+00E
3+50E
4+00E

1150 m DATUM

1100 m.

LP88-20
LOCATION 2100 S 300 E
AZIMUTH 242°
COLLAR -45° 217.9m uncorrected -68°
LENGTH 217.9 m

S H Q,T,Pb 18.5 ppb GOLD 0.011
V Q,T,Pb 0.033 0.0044
S H,B,Q,L 0.0044
S Q,H,B 18.5
S Q,H,B,L 10
0.0440 0.0044
S Q,T 0.034 0.0044
0.0440 0.0044
780 0.020
S Q,H,B 130 290 520
AN
S,L
AN T.D. 217.9 m

LEGEND

LITHOLOGIES

- Sh = SHALE
- QZ = QUARTZITE
- AF = ASH-TUFF
- UM = ULTRAMAFIC
- AN = ANDESITE / VOLCANIC
- L = LIMESTONE / MARBLE
- S = SCHIST
- V = VEIN

MODIFIERS

- C = CARBONACEOUS
- H = CHLORITE
- M = MUSCOVITE
- B = BIOTITE
- Q = SILICIFIED
- T = TOURMALINE
- K = SKARN
- Po = PYRRHOTITE
- Py = PYRITE
- Cpy = CHALCOPYRITE
- Mag = MAGNETITE
- BR = BRECCIATED

360183 420ppb = SAMPLE NUMBER, INTERVAL, GOLD VALUE

FAULT

0 10 20 30 m

SCALE 1:500

(446)
MAP# 105 F/10
DOC# 093041

J.C STEPHEN EXPLORATIONS LTD.

PACIFIC COMOX RESOURCES LTD.

TAY-LP CLAIMS

21+00 S.

DDH LP 88-20

FIGURE 5d

TOTAL FIELD

MAGNETOMETER SURVEY

LINE 26+00S

59,000

58,500

58,000

HORIZONTAL FIELD

30

20

10

0

VLF-EM SURVEY LINE 26+00S

SEATTLE WASH. 24.8 kHz

in phase

quadrature

20%

10%

0

-10%

-20%

HORIZONTAL LOOP EM SURVEY

LINE 26+00S

in phase

out of phase

20%

10%

0

-10%

-20%

0+50E

1+00E

1+50E

2+00E

2+50E

3+00E

3+50E

4+00E

1150m DATUM

DDH LP 88-21
LOCATION 2600S 165E
AZIMUTH 062°
DIP -45°
LENGTH 111.5m

SHALE

SHALE VQPB T

azimuth ppb

110 1880
1010 1640
1010 1550
0.033
0.019

E.O.H. 111.5m

LEGEND

LITHOLOGIES

- Sh = SHALE
- QZ = QUARTZITE
- AF = ASH-TUFF
- UM = ULTRAMAFIC
- AN = ANDESITE/VOLCANIC
- L = LIMESTONE/MARBLE
- S = SCHIST
- V = VEIN

MODIFIERS

- C = CARBONACEOUS
- H = CHLORITE
- M = MUSCOVITE
- B = BIOTITE
- Q = SILICIFIED
- T = TOURMALINE
- K = SKARN
- Po = PYRRHOTITE
- Py = PYRITE
- Cpy = CHALCOPYRITE
- Mag = MAGNETITE
- BR = BRECCIATED

360183 420ppb = SAMPLE NUMBER, INTERVAL, GOLD VALUE

FAULT

0 10 20 30 m

SCALE 1:500

(447)

MAP# 105 F/10

DOC# 093041

J.C STEPHEN EXPLORATIONS LTD.

PACIFIC COMOX RESOURCES LTD.

TAY-LP CLAIMS

26 00 S

DDH LP 88-21

FIGURE 5a

TOTAL FIELD
MAGNETOMETER SURVEY
LINE 0+00 S

59,000
58,500
58,000

HORIZONTAL FIELD

30
20
10
0

VLF - EM SURVEY
LINE 0+00 S
SEATTLE, WASH. 24.8 kHz

20%
10%
0
-10%
-20%
quadrature
in phase

HORIZONTAL LOOP EM SURVEY
LINE 0+00S

20%
10%
0
-10%
-20%
out of phase
in phase

0 50E | 1 00E | 1 50E | 2 00E | 2 50E | 3 00E | 3 50E | 4 00E

1150 m DATUM

LEGEND

LITHOLOGIES

- Sh = SHALE
- QZ = QUARTZITE
- AF = ASH-TUFF
- UM = ULTRAMAFIC
- AN = ANDESITE / VOLCANIC
- L = LIMESTONE / MARBLE
- S = SCHIST
- V = VEIN

MODIFIERS

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- Q = SILICIFIED
- T = TOURMALINE
- K = SKARN
- Po = PYRRHOTITE
- Py = PYRITE
- Cpy = CHALCOPYRITE
- Mag = MAGNETITE
- BR = BRECCIATED

360183 420ppb = SAMPLE NUMBER, INTERVAL, GOLD VALUE

FAULT

0 10 20 30 m

SCALE 1:500

(448)
MAP# 105 F/10
DOC# 093041

J. C STEPHEN EXPLORATIONS LTD.

PACIFIC COMOX RESOURCES LTD.

TAY-LP CLAIMS

0 00 S

DDH LP 88-22

FIGURE 51

PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT

WATSON LAKE MINING DIVISION, YUKON

TOTAL MAGNETIC FIELD CONTOUR MAP

20 Gamma Contour Interval

TAY–LP CLAIMS

NTS Ref.:	105–F/10	INSTRUMENTATION
Data Units:	Gammas	Model : IGS 2 / MP4/ MP3
Scale:	1:5,000	Resolution :
Date :	November 1988	Manufacturer : SCINTREX

R. F. SHELDRAKE & ASSOCIATES LTD.

FIGURE 6

(449)
MAP # 105 F/10
DOC # 093041

PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT

WATSON LAKE MINING DIVISION, YUKON

HORIZONTAL LOOP ELECTROMAGNETIC CONTOUR MAP

10 Percent Contour Interval

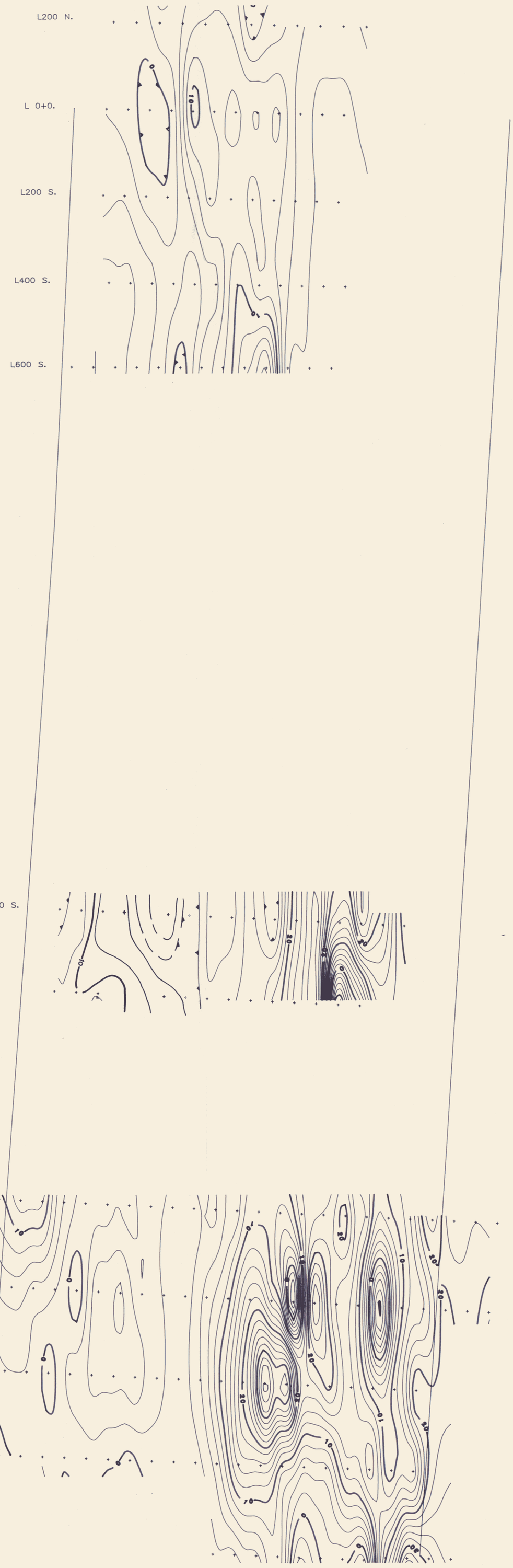
TAY–LP CLAIMS

NTS Ref.:	105–F/10	INSTRUMENTATION	
Data Units:	Percent	Model :	Max–Min 2
Scale:	1:5,000	Resolution :	1 Percent
Date :	March 1988	Manufacturer :	Apex Parametrics Inc.

R. F. SHELDRAKE & ASSOCIATES LTD.

(450) MAP# 105F/10 DOC# 093041

FIGURE 7



PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT

WATSON LAKE MINING DIVISION, YUKON

INDUCED POLARIZATION CONTOUR MAP

2 Percent Frequency Effect Contour Interval

N = 1 , A = 50m DIPOLE DIPOLE ARRAY

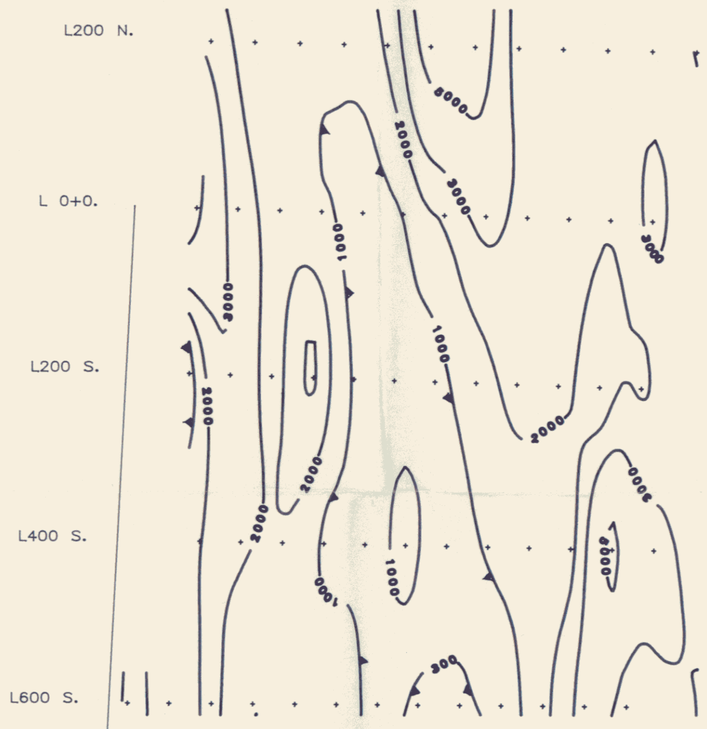
TAY–LP CLAIMS

NTS Ref.:	105–F/10	INSTRUMENTATION	
Data Units:	Percent	Model :	SABRE I.P. System
Scale:	1:5,000	Resolution :	1 Percent
Date :	November 1988	Manufacturer	Sabre Electronics Ltd., Vancouver

R. F. SHELDRAKE & ASSOCIATES LTD.

FIGURE 8

(451) MAP # 105 F/10
DOC # 093041



PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT

WATSON LAKE MINING DIVISION, YUKON

RESISTIVITY CONTOUR MAP

10, 100, 300, 1000, 2000, 3000, 5000, 10000 Contours

N = 1 , A = 50m DIPOLE DIPOLE ARRAY

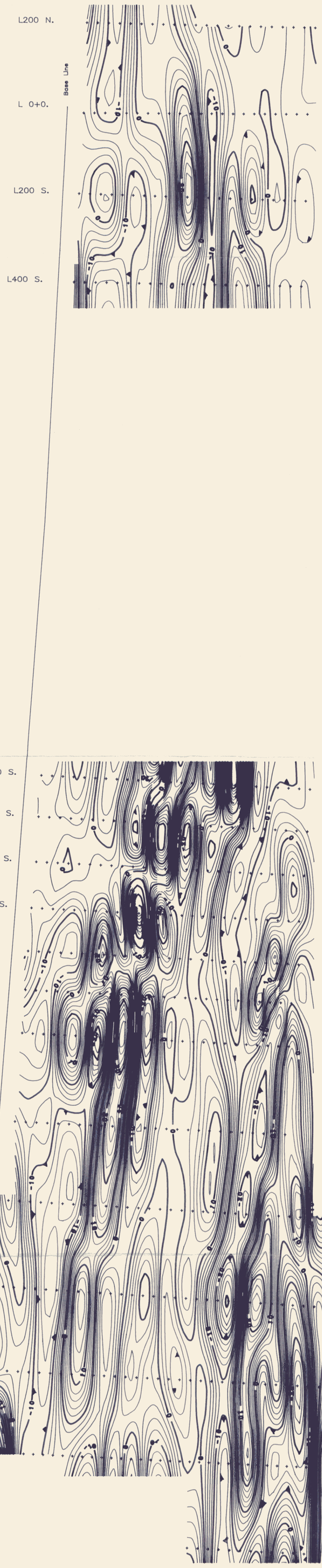
TAY–LP CLAIMS

NTS Ref.:	105–F/10	INSTRUMENTATION	
Data Units:	Ohm–metres	Model :	SABRE I.P. System
Scale:	1:5,000	Resolution :	1 Ohm–metre
Date :	November 1988	Manufacturer	Sabre Electronics Ltd., Vancouver

R. F. SHELDRAKE & ASSOCIATES LTD.

(452) MAP# 105F/10
DOC# 093041

FIGURE 9



PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT

WATSON LAKE MINING DIVISION, YUKON

FRASER FILTER CONTOUR MAP

2 Percent Contour Interval

STATION SEATTLE, WASHINGTON

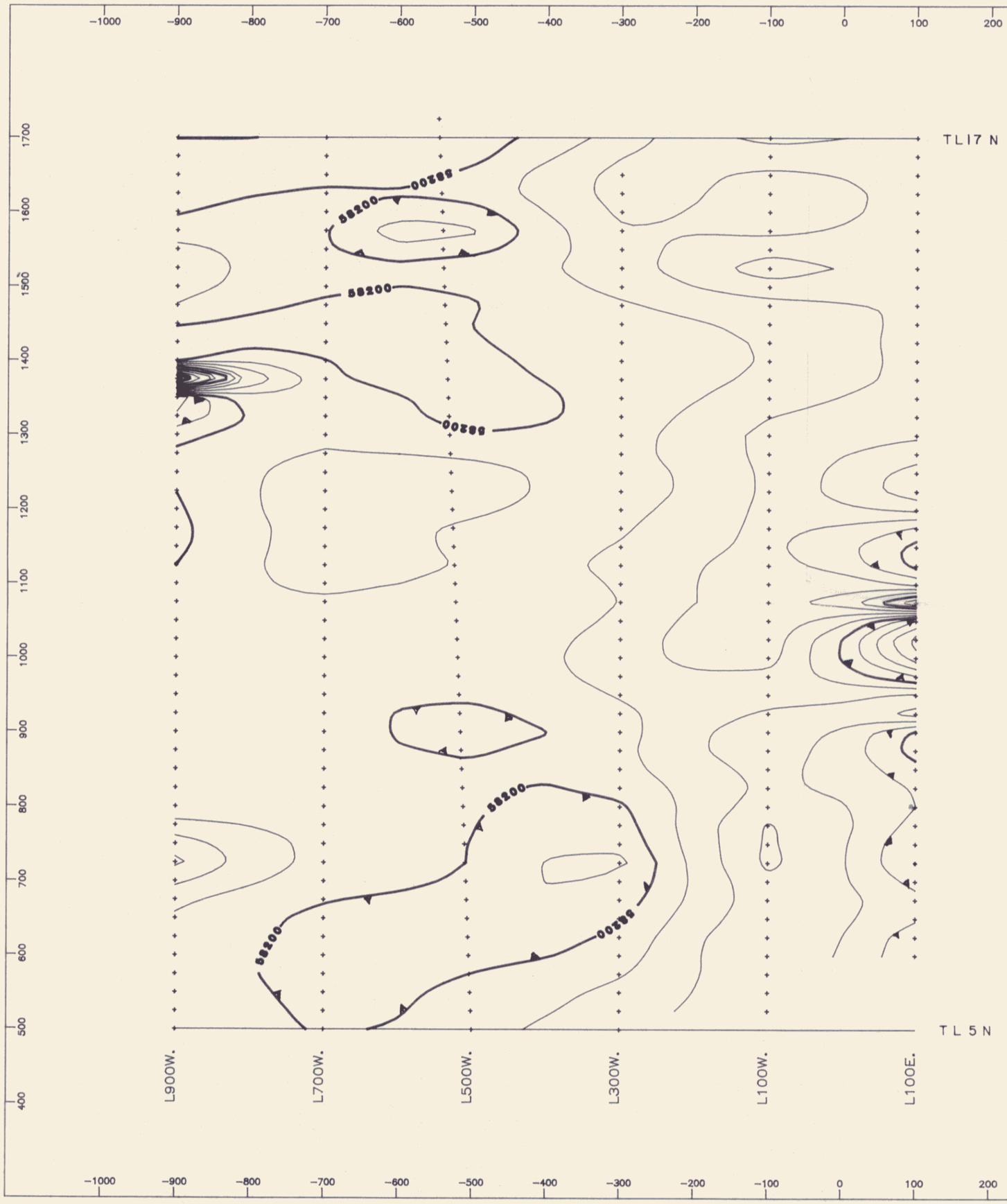
TAY–LP CLAIMS

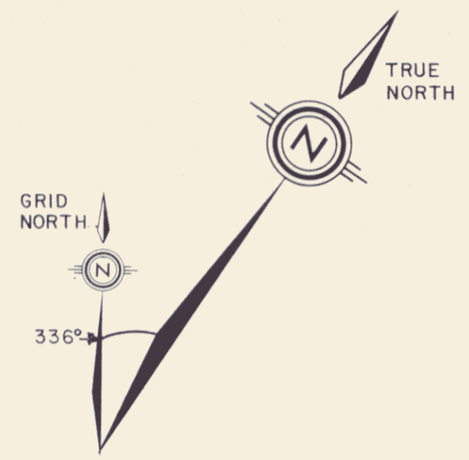
NTS Ref.:	105–F/10	INSTRUMENTATION	
Data Units:	Deg.	Model :	I.G.S. System/VLF 4
Scale:	1:5,000	Resolution :	1 Percent
Date :	November 1988	Manufacturer :	Scintrex Ltd., Toronto

R. F. SHELDRAKE & ASSOCIATES LTD.

FIGURE 10

(453) MAP# 105 F/10
DOC# 093041





(454) MAP # 105F/10
DOC # 093041

PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT – NORTH GRID
WATSON LAKE MINING DIVISION, YUKON

TOTAL MAGNETIC FIELD CONTOUR MAP

20 Gamma Contour Interval

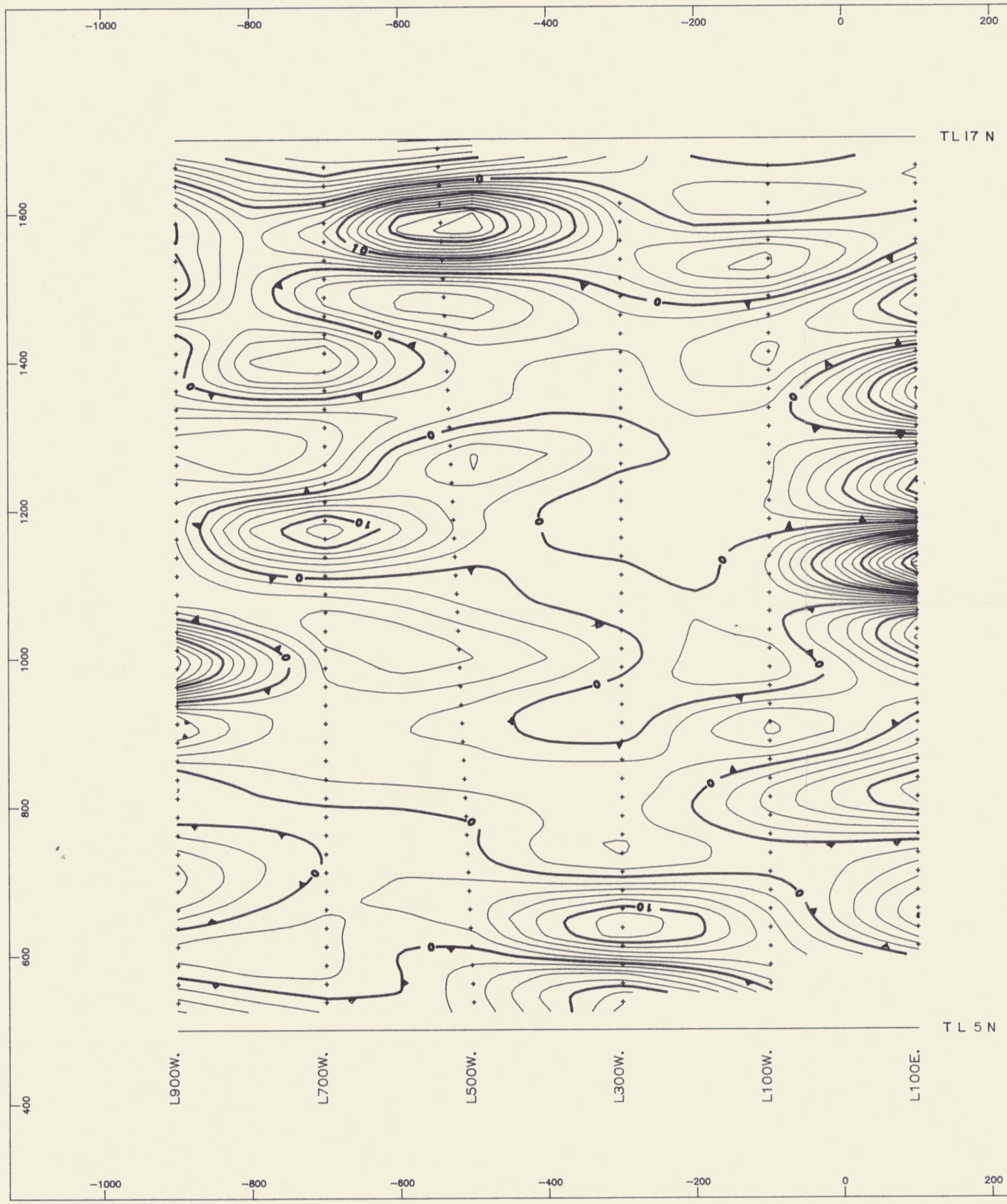
NORTH GRID

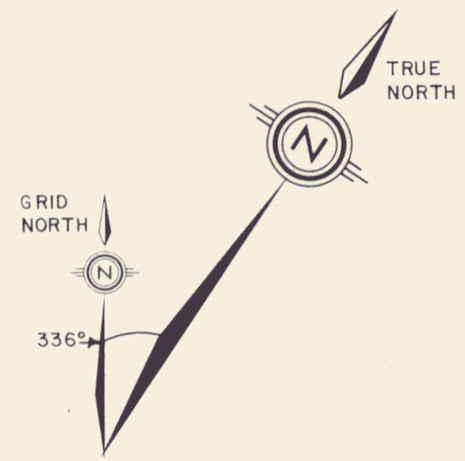
TAY–LP CLAIMS

NTS Ref.:	105–F/10	INSTRUMENTATION	
Data Units:	Gammas	Model :	I.G.S. System
Scale:	1:5,000	Resolution :	1 Gamma
Date :	November 1988	Manufacturer :	Scintrex Ltd.

R. F. SHELDRAKE & ASSOCIATES LTD.

FIGURE 11





(455) MAP# 105F/10
OOC# 093041

PACIFIC COMOX RESOURCES LTD.

SEAGULL CREEK VALLEY PROJECT – NORTH GRID
WATSON LAKE MINING DIVISION, YUKON

VLF–EM FRASER FILTER CONTOUR MAP

2 Percent Contour Interval

NORTH GRID

TAY–LP CLAIMS

NTS Ref.:	105–F/10	INSTRUMENTATION	
Data Units:	Percent	Model :	I.G.S. System
Scale:	1:5,000	Resolution :	1 Percent
Date :	November 1988	Manufacturer :	Scintrex Ltd., Toronto

FIGURE 12