REPORT ON 1983 EXPLORATION PROGRAM

RUN CLAIMS

RANCHERIA AREA

WATSON LAKE MINING DIVISION

YUKON TERRITORY

Location

NTS: 105-B-1

Latitude: 60°03'48"

Longitude: 130°10'30"

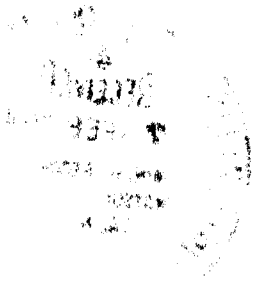
For

Tungco Resources Corporation
102 - 1099 West 8th Avenue
Vancouver, British Columbia
V6H 1C3

By

Peter A. Christopher, Ph.D., P.Eng.
Peter Christopher & Associates Inc.
3707 West 34th Avenue
Vancouver, British Columbia
V6N 2K9

October 15, 1983



This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 8,400.00.

K. Grapes

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

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

TABLE

Summary Report 1983 Exploration
Run Claims, Rancheria, Y.T.

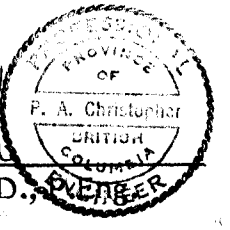
SUMMARY

Field work completed during August 27 to September 2, 1983 by P.A. Christopher and Associates on the Run claims, owned by Tungco Resources Ltd., included geological mapping, soil sampling and VLF-EM surveys. Soil sampling established an area in the west and central part of the claim block with moderately scattered anomalous values for lead, zinc and silver. The VLF survey found strong EM conductors which appear to represent a conjugate system of faults or veins coincident with the central geochemically anomalous area. Prospecting revealed several areas with abundant frost heaved large pieces of quartz - carbonate veins cutting and co-planar with bedding in phyllitic Cambrian sediments.

On the Hot claims nearby, Canamax Ltd. are exploring a zone of tungsten mineralization in similar rocks. The zone is reported to trend northwest toward the RUN claims.

Further exploration is recommended and this includes re-analysis of the 1983 soil samples for tungsten, tin, molybdenum and arsenic.

Additional EM surveys, magnetometer surveys, geological mapping and blast trenching are recommended with estimated cost for Stage II of $35,000. A third stage of diamond drilling would be dependent on encouraging results from Stage II.



Peter A. Christopher, Ph.D., P.Eng.
October 15, 1983

INTRODUCTION

The Run 1 to 28 mineral claims are situated immediately north of the Midway property of Regional Resources Ltd. (Amax-Procan option), and seven miles (11 kilometres) north of the "Midway" silver-lead-zinc deposit. Discovery of the "Midway" silver-lead-zinc stratiform mineral deposit near the Tootsee River in 1981 by Regional Resources has encouraged re-evaluation of adjacent areas with similar geology for silver-lead-zinc or barite deposits. The "Midway" deposit is hosted by Devonian units similar to those mapped by the Geological Survey of Canada in the Run claim area. Figure I shows the location of the Run claims with respect to the Midway deposits and other significant deposits in Northern British Columbia and the Yukon Territory.

This report describes field work accomplished during the period August 27 - September 2 by geologists B.J. Price, M.Sc. and L. Demczuk under the supervision of the writer. A total of 244 geochemical soil samples were taken and analyzed for Pb, Zn and Ag and 11.8 km of VLF - electromagnetic survey were done on reconnaissance-style lines. Sufficient outcrop was seen in the course of sampling to provide a simple geological map and section. Work done enables application of 2 years assessment to each claim; this report is submitted as documentation of assessment work done. A detailed cost statement is presented in Appendix A.

LOCATION AND ACCESS (Figures I and II)

The Run Claims are situated between about 5 kilometres and 7 kilometres east of the Tootsee River about 115 kilometres (72 miles) west of Watson Lake, Y.T. and 22 kilometres (13.7 miles) east of Rancheria, a small settlement on the Alaska Highway. The Tootsee Lake Road, a gravel access road which leaves the Alaska Highway at mile post 701 provides four wheel drive access to within 5 kilometres of the Run Claims and the Alaska Highway passes within 6 kilometres of the claims. Equipment and supplies can be trucked to within 5 kilometres of the property. Helicopter support is required because crossing the Tootsee River or Rancheria River makes road construction costs prohibitive for an initial exploration program.

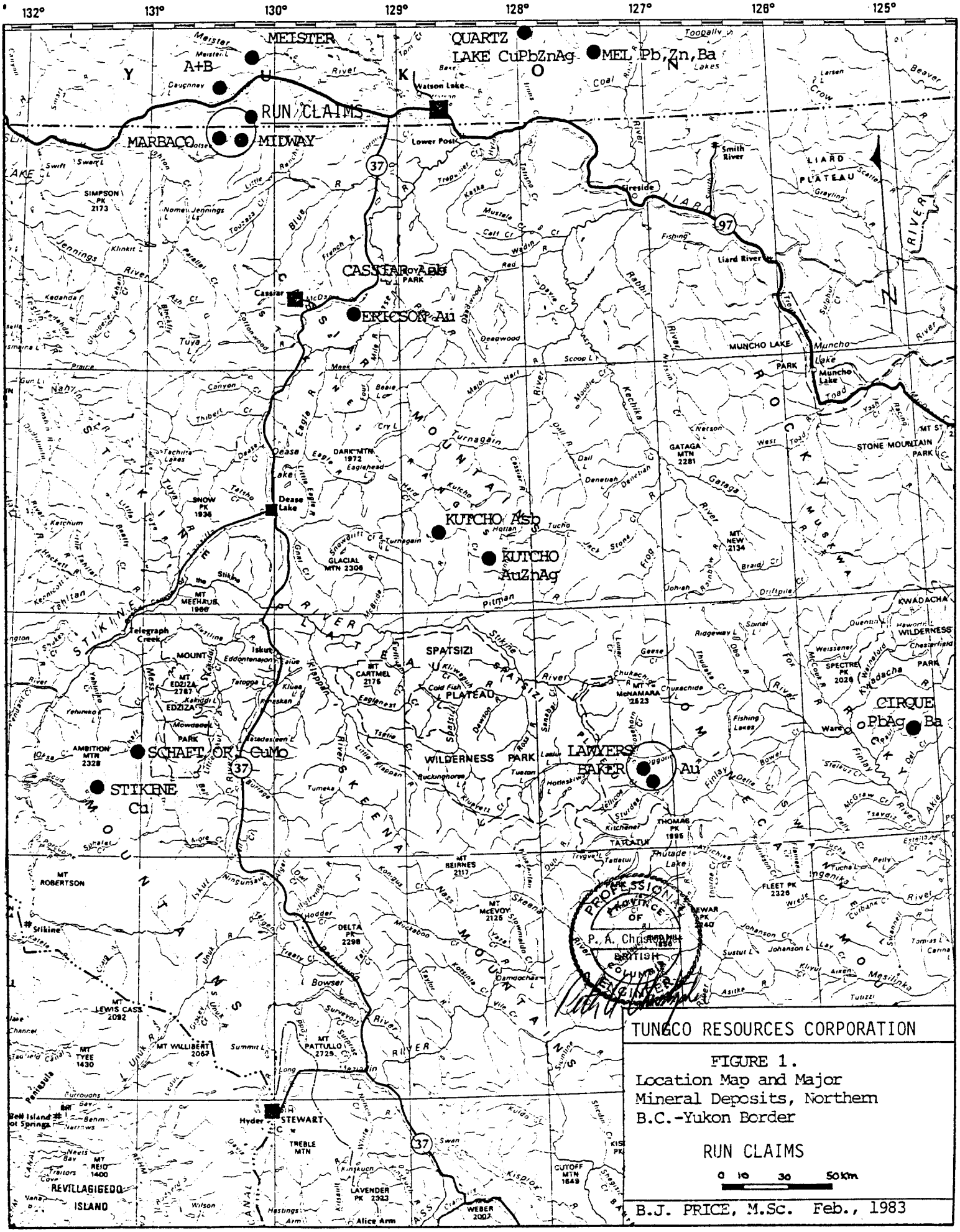
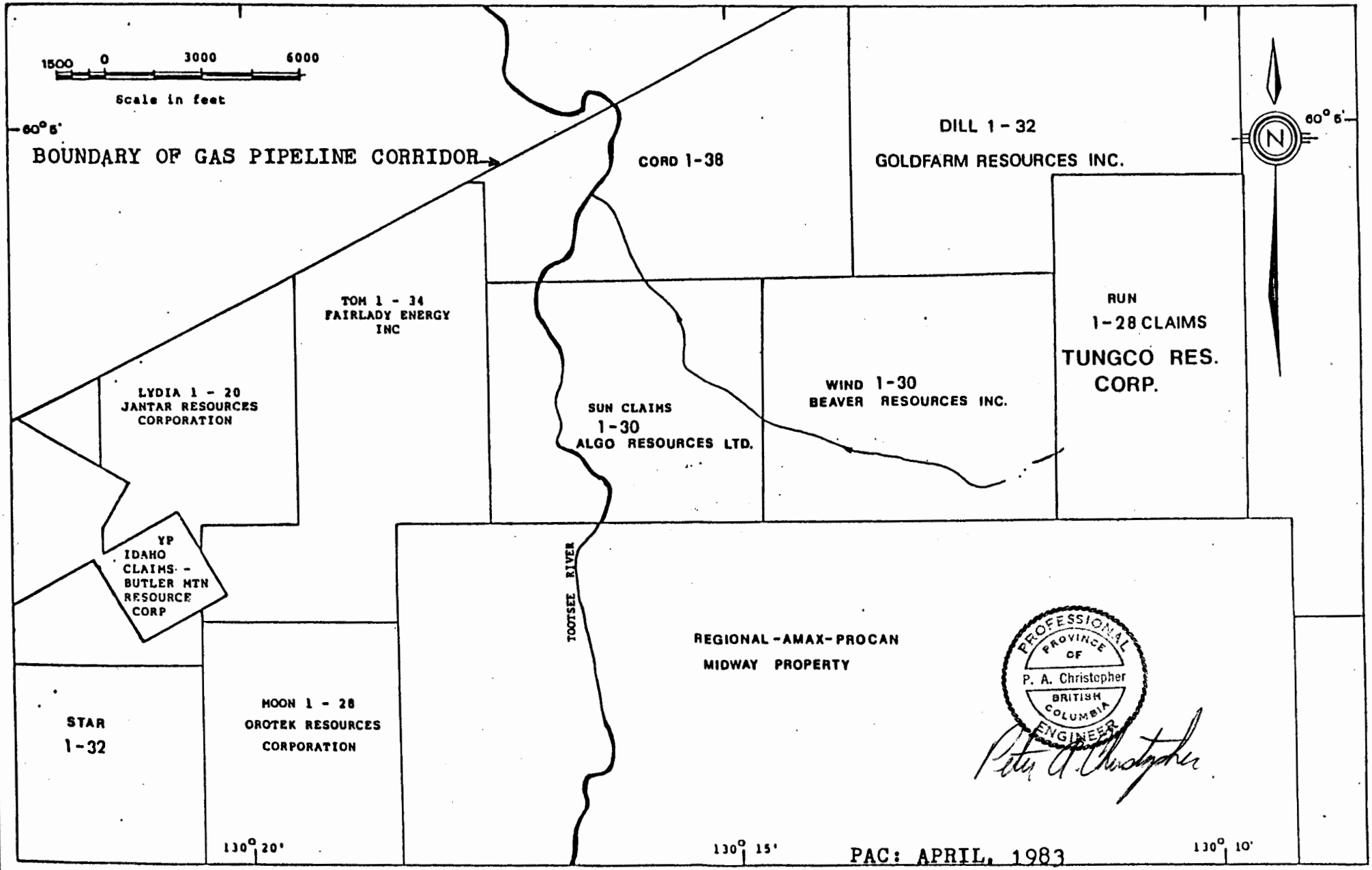

132°
131°
130°
129°
128°
127°
126°
125°
MEISTER
A+B
RUN CLAIMS
MARBACO
MIDWAY
QUARTZ LAKE CuPbZnAg
MEL Pb,Zn,Ba
CASSIAR
ERICSON Au
KUTCHO Asb
KUTCHO AuZnAg
SPATSIZI
SCHAFT CR CuMo
STIKINE Cu
LAWYERS
BAKER Au
CIRQUE PbAg Ba
TUNGCO RESOURCES CORPORATION
FIGURE 1.
Location Map and Major Mineral Deposits, Northern B.C.-Yukon Border
RUN CLAIMS
0 10 30 50km
B.J. PRICE, M.Sc. Feb., 1983

FIGURE II. CLAIM MAP FOR THE RUN CLAIM AREA, TUNGCO RESOURCES CORPORATION. DATA FROM GOVERNMENT CLAIM MAP 105-B-1 AND STAKING PLANS. FIELD CHECKING IS REQUIRED.



Helicopter support was provided by Canwest Helicopters Ltd., based in Rancheria. Camp gear was mobilized from a staging point in the gravel pit at Spencer Creek, approximately 6 km from the claims.

An excellent camp area is situated on the south shore of a small lake near the southeast boundary of the claims.

Fuel and accommodation are available at Rancheria, Y.T. and most supplies and services are available at Watson Lake, Y.T. which is serviced by daily jet flights from Whitheorse and Vancouver.

TOPOGRAPHY AND VEGETATION

The Run Claims lie between 1,067 metres (3,500 feet) and 1,341 metres (4,400 feet) which gives the claim area a moderate relief of 274 metres.

Most of the claim area is covered by relatively heavy brush and sparse to heavy timber. Lower areas are swampy and several small creeks traverse the north part of the property.

CLAIMS AND HISTORY

The Run Claims with grant numbers YA69656 to YA69671, YA69746 to YA69751, and YA69812 to YA69817 were recorded in February, 1983. Table I provides a summary of pertinent claim data. All claim lines were walked during the surveys and the claims are staked in accordance with the Quartz Mining Act and are tagged properly. Claims are shown on the accompanying maps (in pocket).

Table I - Summary of Run Claim Data (NTS 105-B-1). Data obtained from the recording office at Watson Lake, Y.T.

Claim Name	Record No.	Date Recorded	Work Due	Staker
Run 1-6	YA69812-817	Feb. 16/83	Feb. 16/84	Carol Hart
Run 7-14	YA69656-663	Feb. 11/83	Feb. 11/84	Doreen Paish
Run 15-22	YA69664-671	Feb. 11/83	Feb. 11/84	Sandra Koehl
Run 23-28	YA69746-751	Feb. 15/83	Feb. 15/84	Bud Bolton

1983 FIELD PROGRAM

During the period August 27 to September 2, 1983 the property was subjected to mapping, soil sampling and reconnaissance VLF-EM surveys by B.J. Price, M.Sc. and L. Demczuk, geologists. A total of 244 soil samples and 3 rock samples were taken. B-horizon soil was sampled where possible, although much of the property is covered by moss and a thick organic layer. Soils in the low, swampy areas are black and organic, resting on clay and decomposed rock. Areas of organic soils were noted for evaluation of anomalous results. Samples were analyzed by Chemex Labs for lead, zinc and silver by atomic absorption methods. Results are included in the appendix and displayed in figures 4a to 4c.

VLF-EM (very low frequency, electromagnetic) surveys were done using a Phoenix-VLF-2 instrument. Approximatelly 11.8 km (7.3 mi.) were surveyed with station spacing 30 m on the claim baselines and 50 m spacing elsewhere. Seattle, Washington and Cutler, Maine provided the best response, although Hawaii was used when Seattle station was not broadcasting. Results are shown as profiles of dip angles, with traces of the most important anomalies shown in plan view in figure 4d.

REGIONAL GEOLOGY (Figure 3)

The area of interest is situated on the east flank of the Cassiar batholith which extends over 300 km southeasterly from Wolf Lake map sheet in the Yukon to the Kechika map area in British Columbia. In the Jennings River and Cassiar-McDame map areas and the south part of Wolf Lake area the eastern flank is underlain by Paleozoic rocks from Cambrian to Carboniferous in age and separable into two or more contrasting assesmblages, some of which are believed to be "allocthonous" (i.e., deposited elsewhere and moved into place along flat lying faults) (Gabrielse and Mansy, 1980).

Rocks are described by Poole (Map 10-1960) and by Gabrielse (GSC Paper 68-55, 1968); brief descriptions of the mapped units are summarized below:

TUNGCO RESOURCES LTD

FIGURE 3

REGIONAL GEOLOGY

RANCHERIA, Y.T.

Traced From maps. 10-1960, 68-55.

P.A. CHRISTOPHER B.J. PRICE 1983

L. Cambrian

RUN CLAIMS

0 1 2 3 4km

FIDDLER — W, Sn, Mo

A+B — Pb Zn Ag W

Boulder Creek

Ag Pb

RANCHERIA 2km

RANCHERIA RIVER

YP — Ag Pb Zn Au

Cu

Spencer Cr.

T VOLCS

O-S

MD

L. Syl

QUARTZ VNS

Hornfels + Skarn

W HOT

McDAME

CASSIAR BATHOLITH

TOOTSEE RIVER

U. Syl

YUKON BC

105B 1040

60°

130°

Mo W SUE

Mo, W

SUE Ag Pb

BERG

Ag Pb

Ag Pb AG-BEAR

MARBACO Ag Pb

MIDWAY Ag Pb Zn

SYLVESTER

Ba

CAMBRIAN

Lst

Serp

Sep

LEGEND

- Є - Cambrian
- O - Ordovician, S - Silurian
- MD - Middle Devonian
- Mc Dame Formation.
- L. Syl. - Lower Sylvester.
- U. Syl - Upper Sylvester.
- Mineral Deposit
- Bedding
- Low Angle Fault.
- Anticline.
- Area of Skarn, Hornfels.
- Fault
- Intrusion.
- Ba Barite.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — P. A. Christopher

Peter A. Christopher

Units 1 and 2: (Lower Cambrian)

Unit 1 consists of biotite schists, quartizite, marble and skarn, with areas of extensive sills, dykes and irregular bodies of pegmatites, particularly near the contact with the Cassiar batholith.

Unit 2 contains quartzite, slate and phyllite, quartz grit and fine pebble conglomerate. Adjacent to the batholith the rocks are hornfelsed.

Unit 3: (Lower Cambrian)

This unit, which is host to numerous lead-zinc-silver showings in the area, contains grey limestone, grey to green argillite and slate, and dolomite. The unit is converted to skarn adjacent to the batholith.

Unit 4: (Middle Cambrian to Silurian)

Slates, phyllites and limestone, buff to dark grey, with dolomite and dolomitic limestone partly converted to skarn forms a unit which is difficult to separate from units 2 and 3.

Unit 5: (Ordovician-Silurian)

This unit contains mainly quartzites, dolomitic siltstone and thin-bedded shale and limestone, and is probably equivalent to unit 4 in the adjacent Jennings River map sheet.

McDame Group - Unit 6:

The McDame Group, dark, fetid, dolomites and limestones with abundant fossil debris, forms a distinctive marker unit. Dolomite (intraformational?) breccia is common and white vuggy dolomite may represent reefoid accumulations of fossils, representing shoals in a shallow platform environment. Fossil evidence indicates that the McDame Group is Middle Devonian in age. This unit is host to significant strata-bound lead zinc mineralization at the Midway deposits.

Lower Sylvester Group - Unit 7b:

According to Gabrielse (1968) "the contact of the McDame Group with the overlying Sylvester Group is almost invariably a fault." The lower part of the unit is fine-grained, black, locally graphitic slates and phyllites, with grey to black bedded and ribbon cherts. The upper part contains argillites, interbedded with sandstones, grit and conglomerate. Cherty, fine-grained limestone may be present near the top of the unit.

Several barite-silica "exhalite" horizons are present within the lower Sylvester Group in the vicinity of the "Midway" property. Stratigraphy in this area, within the Sylvester Group is described in detail by Hylands (1981), and is shown on the following page, with a diagrammatic stratigraphic section (Figure 4).

Upper Sylvester Group - Units 7a & 8:

Massive volcanic rocks, including flows, breccias, tuffs and agglomerates with aggregate thickness of over 1500 feet form Unit 7; with ultramafic bodies (Unit 8) cutting the volcanics. The volcanics include basalt, dacite and rhyolite flows and coarse-grained equivalent intrusive rocks are said to exist in the unit (Gordey, et al 1982). Most rocks are pervasively altered to "greenstones", making them appear massive.

Cassiar Batholith:

The northwesterly trending elongate Cassiar Batholith underlies the most rugged terrain in the map area. Much of the batholith consists of massive, homogeneous biotite quartz-monzonite, grey in color and medium to coarse grained in texture. Other varieties include muscovite quartz-monzonite, augen gneisses, and later pegmatitic dykes. Alteration and shearing are commonly associated features -- sericitization, chloritization and albitization are prevalent in some areas.

Other granitoid rock types occur in the Jennings River map sheet but are not within the scope of this report.

Dykes:

Greenstone dykes are common in the batholith and also within the adjacent Paleozoic rock units. Some of the dykes are known to be lamprophyres.

Structure:

The Sylvester "allocthon" is characterized by a broad, northwesterly-trending synclinal feature commonly referred to as the McDame Synclinorium. This feature parallels the contact of the Cassiar batholith in a general way but is modified by smaller scale folds conforming to embayments in the batholith, as is seen near the Marbaco property. Tight folding in Cambrian-Silurian rocks is present near Tootsee Lake. Strong northwest to northeast faulting has also affected the area, as is seen in the accompanying geological map (Figure 3). Most faults are steep, normal faults such as the north-trending, easterly dipping fault cutting through the western portion of the Midway property. Faults are marked by depressions and green dykes, some of which are schistose, indicating continued movement.

Low angle faults, probably related to the hypothesized sole fault of the allocthon, are known to cut the Sylvester sequence in the vicinity of the Midway deposit (Hylands, 1981).

A strong shear zone trends northwest through the Cassiar batholith west of Tootsee Lake, and along this feature pervasive shearing and mylonization occurs over widths of 2 miles.

The Sylvester allocthon appears to pinch out in the vicinity of the Alaska Highway in Wolf Lake map area (Figure 3). Major faults mark the northern limit at Spencer Creek. South of Rancheria River, a broad area of Sylvester and McDame group rocks is thought to represent the same mineralized units as at the Midway and Marbaco properties.

MINERAL DEPOSITS IN THE AREA

The most significant development in mineral exploration in the southern Yukon and northern B. C. within the last few years has been the discovery of stratiform silver-lead-zinc mineralization within "exhalite" massive sulphide and silica/barite horizons in the lower portion of the Mississippian-Devonian Sylvester group.

The discovery, by Regional Resources Ltd. and partners Amax of Canada and Procan Exploration Ltd. has resulted in an extensive staking program and re-evaluation of geological data concerning mineral showings adjacent to the "Midway" property.

Several other silver-lead-zinc deposits not as yet of economic size or grade, occur in close proximity, in Cambrian to Middle Devonian strata, and also in high grade veins (Silver Tip) within the Cassiar Batholith.

Midway Deposit:

The "Midway" deposit, staked by Regional Resources in 1980 and drilled from 1981 to 1983 was discovered as a result of careful exploration of the previously explored Silverknife (Silver Tip) silver-lead-zinc showing, following investigation of strongly anomalous silt sample results in the 1980 regional geochemical survey.

Six drill holes in 1981, totalling 853 meters indicated the presence of 3 mineralized zones dipping southeasterly at about 30 degrees. The lowermost zone observed only in drill core infills karst topography in the McDame limestone and varies from 1 to 1.5 meters thick and contains from 2.65 to 23.39% combined lead-zinc and from 1.25 to 22.59 oz/ton silver. This zone is locally absent and may grade laterally into siliceous, pyritic, exhalite. Four of the 6 holes encountered a "dry cavernous opening 15 cm to 150 cm wide" near the McDame-Sylvester contact.

The lower zone consists of weakly bedded to brecciated pyrite, galena, sphalerite and carbonate fragments in an argillaceous matrix.

The middle, or "Discovery" zone, found in outcrop, occurs about 70 meters stratigraphically above the lower zone, within argillite and sandstones.

This zone varies for 0.5m to 11.2 meters in thickness and ranges in grade from 4.56 to 13.36 percent combined Pb-Zn and 1.26 to 5.03 oz/ton silver.

The Upper Zone is about 10 - 20 meters above the Discovery zone, ranges in thickness from 0.40m to 3.17m in thickness and has combined lead-zinc grades ranging from 2.62% to 13.15% and silver grades.

Drilling of 18 additional holes in 1982 and fill in drilling in 1983 suggested the presence of at least 2.78 million tonnes (3.05 M. tons) averaging 13.3 oz/tonne silver, 12% zinc and 6.1% lead with minor but possibly economic quantities of tin, bismith, gold and copper. (Richardson, Greenshields, Canada Ltd. - research report). Composite samples from core from 8 holes averaged 0.023 oz/ton gold, 0.35% copper, and 0.14% tin. 1983 drilling has continued to expand the potential ore reserves, with further zones of mineralization discovered at the old Siver Tip showing which is part of the property.

The exhalite horizons can be traced for at least 14 km along strike on the southwest part of the property and similar horizons are seen 10 km to the northeast. On the northeast side of the property a barite exhalite 4 m-thick has been traced for 5 km in float and outcrop.

The mineralized horizons are believed to represent sulfide rich exhalations deposited on the floor of a rift-controlled basin up to 14 km wide (Hylands, 1981).

The showings respond well to standard geochemical soil and silt sampling techniques; the Discovery showing has a broad coincident Pb-Zn-Ag-Ba anomaly, and seven additional areas have coincident Pb-Zn-Ag anomalies. Airborne EM and magnetometer surveys were flown and ground EM and gravity surveys were done. Two pulse EM anomalies and one vector EM anomaly were verified by drilling.

Silver Tip Showing (Midway Property)

The Silver Tip showing, a vein or replacement deposit, is situated three miles northeast of Tootsee Lake. Extensive work was done on the property from 1956 to 1968 by several large companies including Conwest, Canex, Noranda, Bralorne Mines

and Peerless Oil and Gas. It now forms part of the Midway property of Regional Resources and partners.

The area is underlain by thick-bedded McDame limestone of Devonian age, overlain by Mississippian-Devonian Sylvester Group phyllites. Gossan zones and galena float are found in several zones trending north-easterly. The largest gossan zone, No. 2, ranges from 15 to 65 feet wide and is 700 feet long and was reported to average 5.7 oz/ton silver, 6.2% lead and 2.9% zinc. Individual pieces of galena from the zone assay about 150 oz/ton silver and 70% lead (BCMM Ann. Report 1968, p. 25-33). The same zone intersected in several drill holes consisted of "frozen mineralized gossan". No. 4 zone, intersected in the upper adit was sampled over 38 feet by taking muck from 175 cars, the average was 13.84 oz/ton silver, and 15.4% lead. The average of the channel samples along 40 feet in the west drift was over five feet, 0.02 oz/ton gold, 12.0 oz/ton silver, and 14.5% lead. The same zone, intersected in the lower adit, approximately 650 feet down the dip of the fault zone, is almost completely oxidized and resembles "soft brown sugar". This almost completely leached material assays 0.2 oz/ton silver, 0.1% lead and 4.5% zinc.

Mineralized zones such as the above are localized on strong faults and fractures in the McDame limestone, along the crest of an anticline and appear to be almost completely oxidized to depths exceeding 600 feet from the surface. Apart from the gossan zones, considerable pyrite with minor sphalerite and galena occurs in the holes drilled in the phyllite, (presumably Sylvester Group), and minor galena and sphalerite occur in quartz and calcite veins and in limestone. To the writer's knowledge, fresh vein material from which the gossans resulted has not been seen on the property.

These vein-replacement deposits, currently being drilled by Regional Resources has strong similarities to the Amy deposit of Marbaco Resources. Mineralogy and grades are similar and probable origin by replacement in limy horizons along fault zones seems almost certain. Considering the presence of mineralization over a vertical range of over 650 feet and 5 foot mining width, the eventual development of economic reserves on this portion of the property seems certain.

YP Property:

The YP property, adjacent to the Flo and Lydia claims, situated 4 km south of mile 701 on the Alaska Highway, is currently being explored by Butler Mountain Resources Ltd.. Several oxidized vein or replacement zones occur in limestone of probable Cambrian age. Some solid galena was hand-cobbed and shipped from the property in the 1960's. Several large gossan zones, with residual argentiferous galena, are thought to represent oxidized replacement zones of galena-tetrahedrite-sphalerite and other sulphides in siderite gangue, comparable with zones present on the Silver Tip showing of the Midway property. Geochemical surveys, geologic mapping, trenching and drilling were recommended by B.J. Price in 1980.

In July 1983 a strong vector pulse EM anomaly was found over 700 meters long and approximately 100 meters below the mineralized trenches. Concurrent geochemical surveys outlined a strong silver-lead-zinc anomaly with 1 kilometer of strike length.

Several drill holes have intersected massive to disseminated sulphides. Hole 1 intersected 8 feet of banded sphalerite and pyrite. The extension of this zone, intersected in hole 3, gave 11 feet assaying 0.446 oz/ton gold and 0.37 oz/ton silver. Mineralization is associated with quartz-eye porphyry "tuffs". Additional diamond drilling has been done. (Butler Mountain Minerals Corp. news releases, July 25 - Sept. 2, 1983).

Amy Prospect

The Amy silver-lead-zinc prospect is situated approximately two miles (3.2 kilometers) northwest of the north end of Tootsee Lake. Galena, tetrahedrite, sphalerite, pyrrhotite and ankerite occur as a replacement zone in limestone along a limestone-argillite contact and near the surface trace of a granite contact. The zone occupies a shear zone striking north 55-65 degrees west and dipping 60 degrees southwest. Reserves of about 80,000 of measured and drill indicated mineralization grading 10.70 oz/ton silver, 2.87% lead and 6.03% zinc with an additional inferred tonnage of about 60,000 tons were reported by Chapman, Wood and Griswold (1974).

A + B Claims:

The A + B deposit, is situated 6 km north of the Alaska Highway, is owned by Delphi Resources Ltd. and was explored by SEREM Ltd., and partners. Strongly folded limestone and phyllites of Cambrian or Devonian age are host to stratiform massive zinc-lead-silver zones, highly irregular in shape. The best intersection to date has been in hole 3 (1962) drilled by Scurry Rainbow Oils Ltd.: 39 feet of 1.66 oz/ton silver, 1.47% lead and 8.32% zinc. Cross cutting quartz calcite veins have significant scheelite content.

The property is currently being explored by Goldex Resource Inc.

Hot Claims:

The Hot claims, situated approximately 4000 meters southeast of the Run claims, are currently being explored by Canamax Resources Ltd.

The property is described by Tempelman - Kluit (1980) as follows:

> "The claims were staked in 1979 following reconnaissance stream panning in the general area. Preliminary mapping was carried out the same year. Northwest trending Early Paleozoic calcerous sedimentary rocks of Cassiar Platform underlie the region. On the claims they are intruded by small dikes and porphyries of the Cassiar Batholith (Cretaceous) which have metamorphosed and altered the strata. Scheelite is finely disseminated through the metamorphosed rocks and occurs with pyrrhotite and pyrite."

Diamond drilling of this property was carried out in 1983.

PROPERTY GEOLOGY

The property is situated on a southwest dipping panel of shelf-facies sediments of Cambrian to Ordovician age, 12 km east of the Cassiar batholith margin. Although relief is low over most of the property, hills to 4500 ft. A.S.L. occur in the southwest portion of the claims showing a good stratigraphic section, and frost boils in the swamps below reveal rock types near surface.

The area below 4000 ft. A.S.L. appears to be underlain by Unit 3, Cambrian phyllites with thin interbeds of limestone. These sediments, judging from large frost heaved blocks, exhibit small scale disharmonic folds and weak to moderate cleavage foliation. Narrow and wide quartz-carbonate veins occur parallel with bedding and also cross-cutting bedding. In several areas a high proportion of quartz vein material is present in stream debris and frost heaves, suggesting that a great number of quartz veins are present over a wide area. The largest piece of vein seen was in the order of ½ meter in width, with most pieces several inches in width. This quartz veining may be confined to the broad area of Cambrian rocks; no quartz veins were seen in other units.

On the south boundary of the claims, massive white quartzite of unit 5 is exposed. This unit, reminiscent of the Mt. Wilson or Wonah quartzite in the Rocky Mountains, is Ordovician in age. Below this are thinly bedded dolomitic siltstones to massive dolomites and by shaley siltstones of unit 4, containing Monograptus, a species confined to the Ordovician period.

The regional geological map, figure 3, suggests that sediments of the lower Sylvester clastic unit (host to base metal sulfides at Midway) occur in the northwest portion of the claims. This could not be verified during the present program because of extensive overburden cover in this area, however, the best lead zinc anomaly occurs in this area and may indicate that the favourable McDame/Sylvester contact, at which the stratiform mineralization generallay occurs, underlies the small hill on the western claim boundary.

DISCUSSION OF RESULTS

Geochemistry:

A moderately strong lead-zinc anomaly in soils occurs on the western boundary of the claims at the end of line 00. The best value sample PRN 71, where soils are red brown, gave 95 ppm lead and 490 ppm zinc. Adjacent soils DRN 47 and 48 are both strongly anomalous in lead. (150 and 112 ppm respectively).

An area near baseline 2, has moderately high leads. Further close-spaced soil samples should be taken in this area and hand-trenching should be considered to test for mineralization in bedrock.

For the purposes of this survey, anomalous values for soil samples are considered to be:

lead	50 ppm or greater
zinc	300 ppm or greater
silver	0.5 ppm or greater.

Anomalous values grouped in the central area of the claims are scattered weak to moderate values. The spot anomalies and clustering of spot values coincide in a broad sense with areas of intense quartz-carbonate veining.

The presence of strong, structurally controlled introduction of silica and carbonate, when combined with proximity to known tungsten mineralization associated with northwest trending tungsten anomalies (Tempelman-Kluit, 1981) suggests that structurally controlled (vein) tungsten mineralization may be present. Accordingly all soil samples from the central area should be analyzed for tungsten and molybdenum and perhaps arsenic. Arsenic may help in locating gold-arsenic association like the zone on the YP property.

Electromagnetic Survey:

Several strong VLF-EM conductors occur near the south claim boundary (i.e., Ln 15S) may be related to black carbonaceous shales in the Ordovician. Sufficient outcrop occurs in the area to discount the presence of any sulphide mineralization, particularly when geochemical response in the area is poor.

In the central part of the claim group, however, in an area with thick overburden cover; strong conductors occur on several lines in a pattern which suggests a conjugate system of faults or veins. Certainly an abundance of vein quartz supports this, and comparison of the EM conductors with base-metal geochemistry indicates weak to moderate response in the same area. The area should probably be tested by vector pulse EM methods and by hand trenching.

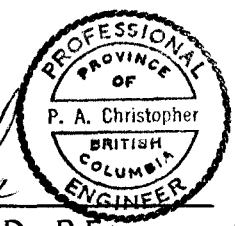
CONCLUSIONS AND RECOMMENDATIONS

The best geochemical anomaly, occuring in an area where the lower Sylvester group sediments may occur, should be tested by further close-spaced soil sample surveys, prospecting and vector pulse or VLF EM methods, and any anomalous areas hand trenched. Samples in this area should be run for barium and arsenic.

The coincident geochemical and geophysical (VLF-EM) anomalies, and vein quartz concentration in frost heaves, suggests that a widespread quartz-stockwork may be present in the central part of the claims. Considering the proximity of skarn tungsten on the nearby HOT claims (Canamax) the writer concludes that further work on the property should be planned to evaluate the potential for stockwork or skarn tungsten-tin deposits within the Cambrian rocks. Soil samples taken on the property should be analyzed for tungsten, tin, molybdenum and arsenic. Additional EM surveys should be done to further define the conductive structures. A ground magnetometer survey using the same grid should be done to check for the presence of buried intrusives or dyke systems. Blast trenches should be done in areas with concentrations of quartz veins and in areas with EM conductors. A camp area for the next exploration season can be set up on baseline 1 near one of the quartz-rich areas (see figure 4a). Additional prospecting should be done along creeks and in the western part of the

claim block, and concurrently additional geologic mapping should be done to help elucidate stratigraphy and structure in the area.

A suggested budget for further exploration is outlined below.



Peter A. Christopher, Ph.D., P.Eng.
October 15, 1983

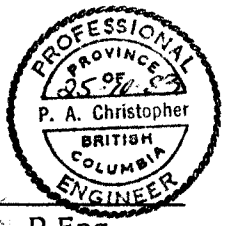
Suggested Exploration Budget

Stage II Geophysical, Geological, Blasting

A.	Field Program:		
1.	Personnel:		
	Geologist/Supervisor	10 days @ $300/day	$ 3,000
	Assistant	10 days @ $150/day	1,500
	Blaster	10 days @ $200/day	2,500
	Geophysical crew	10 days @ $800/day	8,000
2.	Mobilization		2,000
3.	Room & board, etc.	50 man days @ $40/day	2,000
4.	Transportation:		
	Truck rental	10 days @ $100/day	1,000
	Helicopter	8 hrs @ $500/hour	4,000
5.	Rentals: Drill & blasting equipment		1,000
6.	Geochemical:		
	Re-analysis of 1983 samples for W, Mo, Sn, As	200 @ $13.00 each	2,600
	Rock samples - assay W.	50 @ $8.00	400
7.	Camp supplies		2,000
8.	Report preparation, typing, map reproduction, etc.		2,000
			$ 32,000
	Contingency		3,000
	TOTAL STAGE II		$ 35,000

Stage III Diamond Drilling

Diamond drilling	400 m @ $120/m	$ 48,000
Camp costs		10,000
Supervision, report preparation, assays, engineering		18,000
Helicopter	20 hrs. @ $500	10,000
		$ 86,000
Contingency		14,000
TOTAL STAGE III		$ 100,000



Peter A. Christopher, Ph.D., P.Eng.

October 15, 1983

BIBLIOGRAPHY

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CERTIFICATE

I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:

1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.

2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologists.

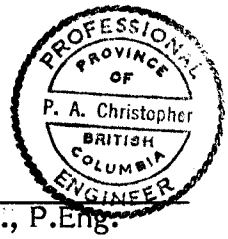
3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from the University of British Columbia.

4) I have been practising my profession as a Geologist for over 15 years.

5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of Tungco Resources Corporation.

6) I have based this report on all available geological data on the property and adjacent mineral deposits, and on a field program between August 27 and September 2, 1983 that was conducted under my supervision.

7) I consent to the use of the report by Tungco Resources Corporation for whatever purposes it deems necessary.



PETER A. CHRISTOPHER, Ph.D., P.Eng.

APPENDIX A

APPENDIX A

COST STATEMENT

Personnel

P.A. Christopher, Consultant 3707 West 34th Avenue Vancouver, B.C. V6N 3K9	1 day @ $325 Sept. 2, 1983		$ 325
Barry J. Price, Project Geologist 2121 West 5th Avenue Vancouver, B.C. V6K 1S1	6 days @ $300 ea. Aug. 27 - Sept. 2, 1983		$ 1,800
Les Demczuk, Assistant Geologist 1769 East 23th Avenue Vancouver, B.C.	6 days @ $150 ea. Aug. 27 - Sept. 2, 1983		$ 900
Mobilization/Demob (1 crew day)			1,000
Room & Board	13 days @ $40 ea.		520
Transporation			
Truck rental	6 days @ $100 ea.		600
Shipping			50
Helicopter (cost plus 10%)	3.9 hours @ $350 ea.		1,365
Geochemistry (cost plus 10%	247 samples		1,175
Base Map Preparation			200
Camp Materials, Field Supplies, Rentals			
Hip Chain Cotton	87.00		
Fuel	63.00		
Flagging	21.20		
Simple Bags	30.00		
Notebooks	6.00		
Office & field consumables	50.00		
Rentals	190.00		
	$447.20	(plus 10%)	492
Report Preparation (typing, drafting, copies, etc.)			1,500
TOTAL COSTS			$ 9,927

Peter A. Christopher, Ph.D., P.Eng.
October 15, 1983

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CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

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CERT. # : A8314628-001-A
INVOICE # : I8314628
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
DRN 001	201	10	110	0.1	--	--	--
DRN 002	201	33	158	0.3	--	--	--
DRN 003	201	28	212	0.6	--	--	--
DRN 004	201	39	570	0.3	--	--	--
DRN 005	201	27	131	1.2	--	--	--
DRN 006	201	2	25	0.2	--	--	--
DRN 007	201	22	212	0.1	--	--	--
DRN 008	201	12	76	0.1	--	--	--
DRN 009	201	22	138	0.2	--	--	--
DRN 010	201	25	235	0.1	--	--	--
DRN 011	201	4	60	0.5	--	--	--
DRN 012	201	15	97	0.2	--	--	--
DRN 013	201	20	96	0.4	--	--	--
DRN 014	201	16	125	0.1	--	--	--
DRN 015	201	7	93	0.1	--	--	--
DRN 016	201	18	110	0.1	--	--	--
DRN 017	201	27	78	0.1	--	--	--
DRN 018	201	22	148	0.1	--	--	--
DRN 019	201	22	130	0.2	--	--	--
DRN 020	201	29	188	0.3	--	--	--
DRN 021	201	36	310	1.2	--	--	--
DRN 022	201	1	45	0.5	--	--	--
DRN 023	201	6	71	0.9	--	--	--
DRN 024	201	25	160	0.2	--	--	--
DRN 025	201	16	110	0.1	--	--	--
DRN 026	201	21	217	0.2	--	--	--
DRN 027	201	16	127	0.6	--	--	--
DRN 028	201	7	87	0.7	--	--	--
DRN 029	201	9	90	0.5	--	--	--
DRN 030	201	25	167	0.4	--	--	--
DRN 031	201	21	136	0.7	--	--	--
DRN 032	201	6	89	0.6	--	--	--
DRN 033	201	23	124	0.3	--	--	--
DRN 034	201	38	190	0.8	--	--	--
DRN 035	201	2	100	0.3	--	--	--
DRN 036	201	20	228	0.5	--	--	--
DRN 037	201	9	149	0.6	--	--	--
DRN 038	201	4	92	0.2	--	--	--
DRN 039	201	2	86	0.2	--	--	--
DRN 040	201	15	105	0.3	--	--	--

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CERT. # : A8314620-002-A
INVOICE # : I8314620
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
DRN 041	201	2	97	0.5	--	--	--
DRN 042	201	1	99	0.3	--	--	--
DRN 043	201	14	129	0.3	--	--	--
DRN 044	201	19	103	0.2	--	--	--
DRN 045	201	12	92	0.2	--	--	--
DRN 046	201	10	130	0.3	--	--	--
DRN 047	201	19	102	0.3	--	--	--
DRN 048	201	15	82	0.2	--	--	--
DRN 049	201	3	67	0.1	--	--	--
DRN 050	201	11	123	0.2	--	--	--
DRN 051	201	10	140	0.2	--	--	--
DRN 052	201	4	95	0.1	--	--	--
DRN 053	201	12	99	0.1	--	--	--
DRN 054	201	17	126	0.5	--	--	--
DRN 055	201	15	121	0.2	--	--	--
DRN 056	201	18	231	0.2	--	--	--
DRN 057	201	8	120	0.2	--	--	--
DRN 058	201	1	103	0.3	--	--	--
DRN 059	201	10	128	0.3	--	--	--
DRN 060	201	1	180	0.2	--	--	--
DRN 061	201	10	215	0.2	--	--	--
DRN 062	201	5	102	0.4	--	--	--
DRN 063	201	14	105	0.2	--	--	--
DRN 064	201	9	125	0.3	--	--	--
DRN 065	201	2	68	0.1	--	--	--
DRN 066	201	27	189	0.3	--	--	--
DRN 067	201	3	86	0.4	--	--	--
DRN 068	201	2	113	0.3	--	--	--
DRN 069	201	26	206	0.4	--	--	--
DRN 070	201	14	122	0.3	--	--	--
DRN 071	201	8	105	0.3	--	--	--
DRN 072	201	2	88	0.3	--	--	--
DRN 073	201	11	136	0.1	--	--	--
DRN 074	201	13	99	0.1	--	--	--
DRN 075	201	5	92	0.2	--	--	--
DRN 076	201	5	92	0.1	--	--	--
DRN 077	201	7	88	0.2	--	--	--
DRN 078	201	12	170	0.2	--	--	--
DRN 079	201	15	95	0.2	--	--	--
DRN 080	201	12	103	0.2	--	--	--

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CERT. # : A8314628-003-A
INVOICE # : I8314628
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
DRN 081	201	17	103	0.2	--	--	--
DRN 082	201	26	135	0.3	--	--	--
DRN 083	201	25	112	0.3	--	--	--
DRN 084	201	4	72	0.4	--	--	--
DRN 085	201	25	125	0.3	--	--	--
DRN 086	201	20	126	0.1	--	--	--
DRN 087	201	2	48	0.4	--	--	--
DRN 088	201	1	33	0.4	--	--	--
DRN 089	201	32	133	0.5	--	--	--
DRN 090	201	28	10	0.4	--	--	--
DRN 091	201	10	78	0.5	--	--	--
DRN 092	201	2	69	0.2	--	--	--
DRN 093	201	1	125	0.3	--	--	--
DRN 094	201	8	98	0.3	--	--	--
DRN 095	201	26	200	0.5	--	--	--
DRN 096	201	22	218	0.5	--	--	--
DRN 097	201	3	122	0.3	--	--	--
DRN 098	201	9	163	0.5	--	--	--
DRN 099	201	5	144	0.5	--	--	--
DRN 100	201	17	156	0.3	--	--	--
DRN 101	201	53	540	0.2	--	--	--
DRN 102	201	6	186	0.2	--	--	--
DRN 103	201	7	171	0.2	--	--	--
DRN 104	201	25	159	0.2	--	--	--
DRN 105	201	1	44	0.4	--	--	--
DRN 106	201	33	250	0.8	--	--	--
DRN 107	201	40	169	0.3	--	--	--
DRN 108	201	33	208	0.1	--	--	--
DRN 109	201	50	308	0.6	--	--	--
DRN 110	201	28	210	0.3	--	--	--
DRN 111	201	80	320	0.3	--	--	--
DRN 112	201	38	143	0.2	--	--	--
DRN 113	201	50	113	0.1	--	--	--
DRN 114	201	26	150	0.2	--	--	--
DRN 115	201	24	136	0.1	--	--	--
DRN 116	201	32	131	0.1	--	--	--
DRN 117	201	20	122	0.2	--	--	--
DRN 118	201	27	127	0.1	--	--	--
DRN 119	201	22	127	0.3	--	--	--
DRN 120	201	15	145	0.4	--	--	--

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CERT. # : A8314623-004-A
INVOICE # : I8314628
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
DRN 121	201	11	76	0.1	--	--	--
DRN 122	201	24	150	0.1	--	--	--
DRN 123	201	45	190	0.1	--	--	--
DRN 124	201	45	175	0.1	--	--	--
DRN 125	201	13	68	0.2	--	--	--
DRN 126	201	32	92	0.1	--	--	--
DRN 127	201	48	330	0.1	--	--	--
DRN 128	201	66	380	0.1	--	--	--
DRN 129	201	2	70	0.2	--	--	--
DRN 130	201	19	117	0.1	--	--	--
DRN 131	201	33	82	0.1	--	--	--
DRN 132	201	20	102	0.1	--	--	--
DRN 133	201	27	213	0.1	--	--	--
DRN 134	201	9	99	0.2	--	--	--
DRN 135	201	33	168	0.3	--	--	--
DRN 136	201	27	220	0.2	--	--	--
DRN 137	201	73	184	0.5	--	--	--
DRN 138	201	34	150	0.3	--	--	--
DRN 139	201	4	180	0.4	--	--	--
DRN 140	201	11	7	0.2	--	--	--
DRN 141	201	3	113	0.1	--	--	--
DRN 142	201	27	288	0.2	--	--	--
DRN 143	201	66	324	0.2	--	--	--
DRN 144	201	45	97	0.3	--	--	--
DRN 145	201	45	124	0.1	--	--	--
DRN 146	201	36	150	0.1	--	--	--
DRN 147	201	150	470	0.4	--	--	--
DRN 148	201	112	300	0.1	--	--	--
PRN 01	201	62	184	0.8	--	--	--
PRN 02	201	34	262	0.1	--	--	--
PRN 03	201	118	300	0.4	--	--	--
PRN 04	201	36	154	0.2	--	--	--
PRN 05	201	21	119	0.1	--	--	--
PRN 06	201	28	295	0.4	--	--	--
PRN 07	201	52	179	0.2	--	--	--
PRN 08	201	18	210	0.1	--	--	--
PRN 10	201	32	96	0.1	--	--	--
PRN 11	201	33	242	0.2	--	--	--
PRN 12	201	72	130	0.1	--	--	--
PRN 13	201	73	129	0.3	--	--	--

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V6N 2K9

CERT. # : A8314623-005-A
INVOICE # : I8314623
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
PRN 14	201	47	86	0.1	--	--	--
PRN 15	201	23	121	0.1	--	--	--
PRN 16	201	59	220	0.2	--	--	--
PRN 17	201	12	167	0.1	--	--	--
PRN 18	201	30	136	0.1	--	--	--
PRN 19	201	19	95	0.1	--	--	--
PRN 20	201	48	240	0.1	--	--	--
PRN 21	201	38	300	0.4	--	--	--
PRN 22	201	50	143	0.2	--	--	--
PRN 23	201	21	148	0.1	--	--	--
PRN 24	201	24	230	0.1	--	--	--
PRN 25	201	23	250	0.1	--	--	--
PRN 26	201	99	199	0.1	--	--	--
PRN 27	201	37	84	0.2	--	--	--
PRN 28	201	30	63	0.1	--	--	--
PRN 29	201	21	95	0.1	--	--	--
PRN 30	201	28	76	0.1	--	--	--
PRN 31	201	26	92	0.5	--	--	--
PRN 32	201	33	345	1.9	--	--	--
PRN 34A	201	77	250	0.2	--	--	--
PRN 34B	201	40	132	0.2	--	--	--
PRN 35	201	46	259	0.3	--	--	--
PRN 36	201	40	86	0.1	--	--	--
PRN 37	201	100	90	0.1	--	--	--
PRN 38	201	25	97	0.2	--	--	--
PRN 39	201	37	94	0.1	--	--	--
PRN 40	201	43	120	0.2	--	--	--
PRN 41	201	33	102	0.2	--	--	--
PRN 42	201	26	95	0.2	--	--	--
PRN 43	201	36	209	0.2	--	--	--
PRN 44	201	32	240	0.1	--	--	--
PRN 45	201	17	90	0.1	--	--	--
PRN 46	201	30	92	0.1	--	--	--
PRN 47	201	17	119	0.1	--	--	--
PRN 48	201	23	132	0.1	--	--	--
PRN 49	201	31	195	0.3	--	--	--
PRN 50	201	34	179	0.3	--	--	--
PRN 51	201	32	130	0.3	--	--	--
PRN 52	201	31	113	0.1	--	--	--
PRN 53	201	35	94	0.3	--	--	--

Certified by .....

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

3707 WEST 34TH AVE.,
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8314623-CC6-A
INVOICE # : I8314623
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
PRN 54	201	59	530	0.2	--	--	--
PRN 55	201	35	133	0.1	--	--	--
PRN 56	201	26	213	0.1	--	--	--
PRN 57	201	27	134	0.4	--	--	--
PRN 58	201	24	330	0.1	--	--	--
PRN 59	201	24	95	0.1	--	--	--
PRN 60	201	39	124	0.1	--	--	--
PRN 61	201	18	94	0.1	--	--	--
PRN 62	201	30	290	0.3	--	--	--
PRN 63	201	25	239	0.2	--	--	--
PRN 64	201	16	430	0.2	--	--	--
PRN 65	201	100	215	0.5	--	--	--
PRN 66	201	94	220	0.4	--	--	--
PRN 67	201	19	330	0.1	--	--	--
PRN 68	201	44	177	0.2	--	--	--
PRN 69	201	34	143	0.1	--	--	--
PRN 70	201	39	290	0.6	--	--	--
PRN 71	201	195	490	0.1	--	--	--
PRN 72	201	32	230	0.2	--	--	--
PRN 73	201	35	147	0.3	--	--	--
PRN 74	201	35	237	0.1	--	--	--
PRN 75	201	79	222	0.2	--	--	--
PRN 76	201	55	215	0.2	--	--	--
PRN 77	201	53	102	0.2	--	--	--
PRN 78	201	30	380	0.2	--	--	--
PRN 79	201	29	230	0.1	--	--	--
PRN 80	201	45	200	0.6	--	--	--
PRN 81	201	1	125	0.1	--	--	--
PRN 82	201	51	154	0.3	--	--	--
PRN 83	201	69	191	0.2	--	--	--
PRN 84	201	35	132	0.4	--	--	--
PRN 85	201	28	99	0.4	--	--	--
PRN 86	201	17	83	0.1	--	--	--
PRN 87	201	59	258	0.5	--	--	--
PRN 88	201	40	242	0.1	--	--	--
PRN 90	201	22	163	0.2	--	--	--
PRN 91	201	17	131	0.1	--	--	--
PRN 92	201	16	125	0.1	--	--	--
PRN 93	201	17	118	0.3	--	--	--
PRN 94	201	20	166	0.2	--	--	--

Certified by .....Hart Bichler

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CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

3707 WEST 34TH AVE.,
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8314623-001-A
INVOICE # : I8314623
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
PRN 95	201	13	135	0.5	--	--	--
PRN 96	201	9	120	0.1	--	--	--
PRN 97	201	25	106	0.1	--	--	--
PRN 98	201	17	113	0.2	--	--	--

Certified by .....Ian Bucklen

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NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
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CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

3707 WEST 34TH AVE.,
VANCOUVER, B.C.
V6N 2K9

CERT. # : A8314629-001-A
INVOICE # : I8314629
DATE : 15-SEP-83
P.O. # : NONE
RUN PROJECT

Sample description	Prep code	Pb ppm	Zn ppm	Ag ppm			
PRN 89	205	4	19	0.1	--	--	--
16-17 25M	205	3	89	0.1	--	--	--
435	205	3	25	0.1	--	--	--

CTA MEMBER CANADIAN TESTING ASSOCIATION

Certified by .....Hart Bichler

RUN 13

RUN 14

RUN 11

RUN 12

RUN 27

RUN 28

RUN 9

RUN 10

RUN 25

RUN 26

RUN 7

RUN 8

RUN 23

RUN 24

RUN 5

RUN 6

RUN 21

RUN 22

RUN 3

RUN 4

RUN 19

RUN 20

RUN 18

RUN 17

RUN 1

RUN 2

RUN 15

RUN 16

ERIC 3

ERIC 4

ERIC 1

ERIC 2

MID 223

MID 224

MID 239

MID 240

MID 232

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

Abundant quartz veins in phyllite and limestone

Grey green phyllites Qtz carbonaceous veins

Abundant quartz float in phyllite

Demczuk Lake

CAMP

Dolomite

Grey platy limestone

Helipad

Massive dolomite

Grey dolomite siltstone & quartzite

Grey green siltstone

Dolomitic quartzite

White quartzite

CAMBRIAN

ORDOVICIAN

LEGEND

- Swamp
- Sample line
- Claim line
- Claim post
- PRN sample code
- DRN sample code
- Outcrop
- Quartz float

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA P. A. Christopher

SCALE 1 : 5,000

100 50 0 100 200 300 400 500 Metres

FIGURE 4A

TUNGCO RESOURCES LTD.

GEOLOGY AND SAMPLE LOCATIONS

RUN CLAIMS – RANCHERIA Y.T.

PETER CHRISTOPHER & ASSOCIATES INC.

DATE: SEPT., 83 | N.T.S. 105 – B – 1E

091514

RUN 13
RUN 14
RUN 11
RUN 12
RUN 27
RUN 28
RUN 9
RUN 10
RUN 25
RUN 26
RUN 7
RUN 8
RUN 23
RUN 24
RUN 5
RUN 6
RUN 21
RUN 22
RUN 3
RUN 19
RUN 20
RUN 4
RUN 18
RUN 17
RUN 1
RUN 2
RUN 15
RUN 16
ERIC 3
ERIC 4
ERIC 1
ERIC 2
MID 239
MID 240
MID 223
MID 224
MID 232
3600
3500
3800
3700
3900
4100
4200
4300
4400
4000
Demczuk Lake
CAMP

LEGEND

- Swamp
- Sample line
- Claim line
- Claim post
- PRN sample code
- DRN sample code

SILVER

- >0.5 ppm
- >1.0 ppm

FIGURE 4B

SCALE 1 : 5,000

100 50 0 100 200 300 400 500 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA P. A. Christopher

TUNGCO RESOURCES LTD.

SILVER

GEOCHEMISTRY & INTERPRETATIONS

RUN CLAIMS – RANCHERIA Y.T.

PETER CHRISTOPHER & ASSOCIATES INC.

DATE: SEPT., 83 | N.T.S. 105 – B – 1E

091514

RUN 13
RUN 14
RUN 11
RUN 12
RUN 27
RUN 28
RUN 9
RUN 10
RUN 25
RUN 26
RUN 7
RUN 8
RUN 23
RUN 24
RUN 5
RUN 6
RUN 21
RUN 22
RUN 3
RUN 4
RUN 19
RUN 20
RUN 18
RUN 17
RUN 1
RUN 2
RUN 15
RUN 16
ERIC 3
ERIC 4
ERIC 1
ERIC 2
MID 239
MID 240
MID 223
MID 224
MID 232
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
STRONG ANOMALY
Demczuk Lake
CAMP

LEGEND

- Swamp
- Sample line
- Claim line
- Claim post
- PRN sample code
- DRN sample code
- Lead (ppm) / Zinc (ppm)
- Lead >50ppm
- Zinc >300ppm

FIGURE 4C

SCALE 1 : 5,000

100 50 0 100 200 300 400 500 Metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA P. A. Christopher

TUNGCO RESOURCES LTD.

LEAD, ZINC
GEOCHEMISTRY & INTERPRETATIONS

RUN CLAIMS – RANCHERIA Y.T.

PETER CHRISTOPHER & ASSOCIATES INC.

DATE: SEPT., 83 | N.T.S. 105-B-1E

091514

RUN 13
RUN 14
RUN 11
RUN 12
RUN 27
RUN 28
RUN 9
RUN 10
RUN 25
RUN 26
RUN 7
RUN 8
RUN 23
RUN 24
RUN 5
RUN 6
RUN 21
RUN 22
RUN 3
RUN 4
RUN 19
RUN 20
RUN 17
RUN 18
RUN 1
RUN 2
RUN 15
RUN 16
ERIC 3
ERIC 4
ERIC 1
ERIC 2
MID 223
MID 224
MID 239
MID 240
MID 232

Abundant quartz vein debris in Creek

Area of quartz veins

Area of intense quartz veining

Demczuk Lake

CAMP

LN 9N
LN 0
LN 5S
LN 10S
LN 15S

3600
3500
3800
3700
3900
4000
4100
4200
4300
4400

NOTE : Apparent conductors due to topographic effects and lithologic changes in this area

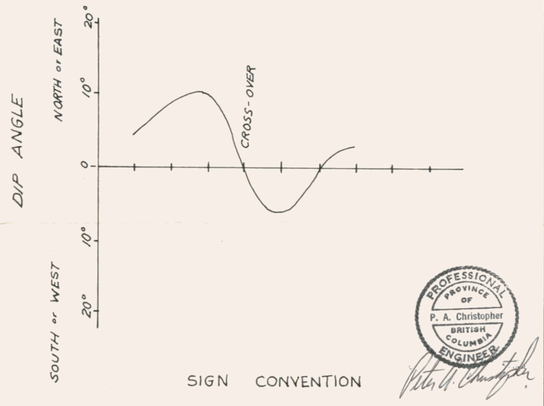
LEGEND

- Swamp
- Sample line
- Claim line
- Claim post
- PRN sample code
- DRN sample code

STATIONS

S	Seattle, Wash.
C	Cutler, Maine
A	Annapolis, Md.
H	Hawaii

- Strong conductor
- Weak conductor



SIGN CONVENTION

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher

SCALE 1 : 5,000

100 50 0 100 200 300 400 500 Metres

FIGURE 4D

TUNGCO RESOURCES LTD.

VLF EM SURVEYS AND INTERPRETATIONS

RUN CLAIMS – RANCHERIA Y.T.

PETER CHRISTOPHER & ASSOCIATES INC.

DATE: SEPT., 83 | N.T.S. 105-B-1E

091514