ARCHER, CATHRO
& ASSOCIATES (1981) LIMITED
CONSULTING GEOLOGICAL ENGINEERS

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ASSESSMENT REPORT

describing

PROSPECTING, MAPPING, AND GEOCHEMICAL SURVEYS

on the

BOARDS PROPERTY

Boards 1-20 Claims YB77049-YB77068

Latitude 61°23' N; Longitude 131°04' W

NTS 105G/6

in the

WATSON LAKE MINING DISTRICT

YUKON TERRITORY

Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.

A. Burgert, B.Sc.
December, 1996

BOX 4127, 2054 SECOND AVENUE, WHITEHORSE, Y.T. Y1A 3S9 TEL (403) 667 - 4415

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 $ 10,000.

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

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INTRODUCTION

Expatriate Resources Ltd. has a 100% interest in the Boards property which protects a previously unstaked target selected from a regional geochemical data base documenting results of 1973 exploration by a joint venture managed by Archer, Cathro & Associates (1981) Limited. Twenty claims were staked in spring 1996 over two soil sample sites that had yielded moderately to strongly anomalous lead and zinc values.

Field exploration was conducted in late summer 1996 by crews working from Expatriate's base camp on Finlayson Lake. The work consisted of reconnaissance soil geochemistry, geological mapping, prospecting and claim surveys. The program was managed by Archer Cathro and participated in by the author. Appendix I contains the Author's Statement of Qualifications.

PROPERTY, LOCATION AND ACCESS

The property is located in southeast Yukon at latitude 61°23'N and longitude 131°04'W on NTS map sheet 105G/6 (Figure 1). It is comprised of twenty contiguous mineral claims (Figure 2) registered with the Watson Lake Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Expatriate Resources Ltd. Claim registration data is listed below.

Claim Name	Grant Number	Expiry Date*
Boards 1-20	YB77049-YB77068	February 20, 2002

*Expiry dates include 1996 work filed for assessment credit but not yet accepted.

In 1996 the property was accessed by helicopter from Expatriate's base camp on Finlayson Lake (Km 232 on the Robert Campbell Highway). The property lies 41 km southwest of the base camp and 250 km northeast of Whitehorse. Helicopter support was provided by a Bell 206B Jet Ranger contracted from Kluane Helicopters of Haines Junction, Yukon. The helicopter was stationed at Expatriate's base camp on Finlayson Lake for the summer.

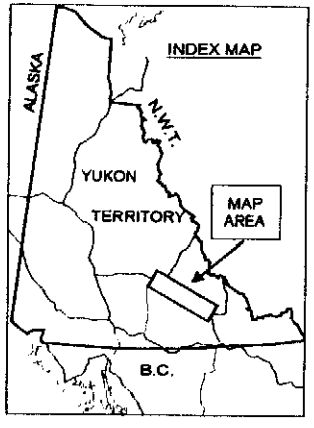
During the 1996 exploration program most claim post locations were surveyed using Trimble Geoexplorer GPS units. Field readings were corrected using base station data from Westmin Resources Limited's camp at Wolverine Lake. GPS survey data appears in Appendix II.

Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

BOARDS PROPERTY
EXPATRIATE RESOURCES LTD.



132°00'

130°00'

62°00'

61°00'

Ross River

FINLAYSON LAKE FAULT ZONE - NORTHEASTERN LIMIT OF FAVOURABLE ROCKS

Kudz Ze Kayah Deposit

Wolverine Zone

TINTINA FAULT ZONE - 450 km RIGHT LATERAL OFFSET

BOARDS PROPERTY

Robert Campbell Hwy.

Expatriate Resources Ltd.

Cominco Ltd.

Westmin Resources Ltd. and various joint venture partners

Others

Native Land Claims

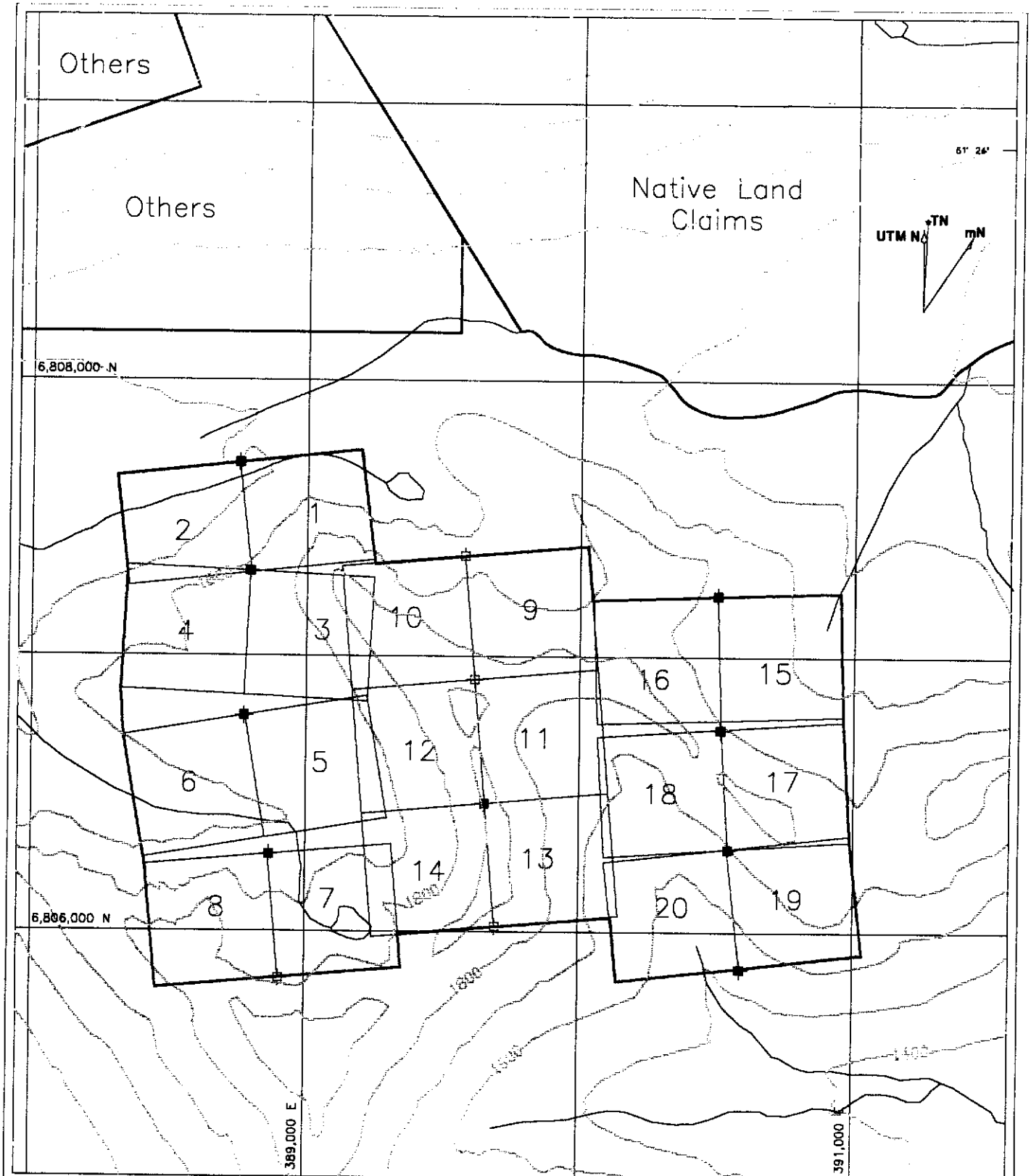
0 10 20 30 40 50

Kilometres

August 26, 1996

Note: Claim boundaries are approximate

Expatriate Resources Ltd. does not assume responsibility for errors or omissions



Claim posts with corrected GPS location

Claim posts with no GPS data

0 100 200 400 600 800 1000 m

FIGURE 2

Archer, Cathro & Associates (1981) Limited

CLAIM LOCATION

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE: 80-CLI.DWG	
DRAWN: AB	PROJ: FP	DATE: 8-DEC-88

GEOMORPHOLOGY

The Boards property covers a sinuous razorback ridge in the Pelly Mountains about 8 km northeast of the Tintina Trench. Creeks draining the eastern portion of the property flow eastward into Grass Lakes and eventually Big Campbell Creek. Creeks draining the western portion of the property flow westward into Hoole River. Both Big Campbell Creek and Hoole River are part of the Pelly River watershed.

Elevations range from 1500 m in a valley at the property's northern margin to 1936 m atop a ridge near the centre of the claim block. Topographic relief is steep, typically 25 to 40°, with occasional impassable cliffs. The valley bottom is covered with Pleistocene deposits of glacial till.

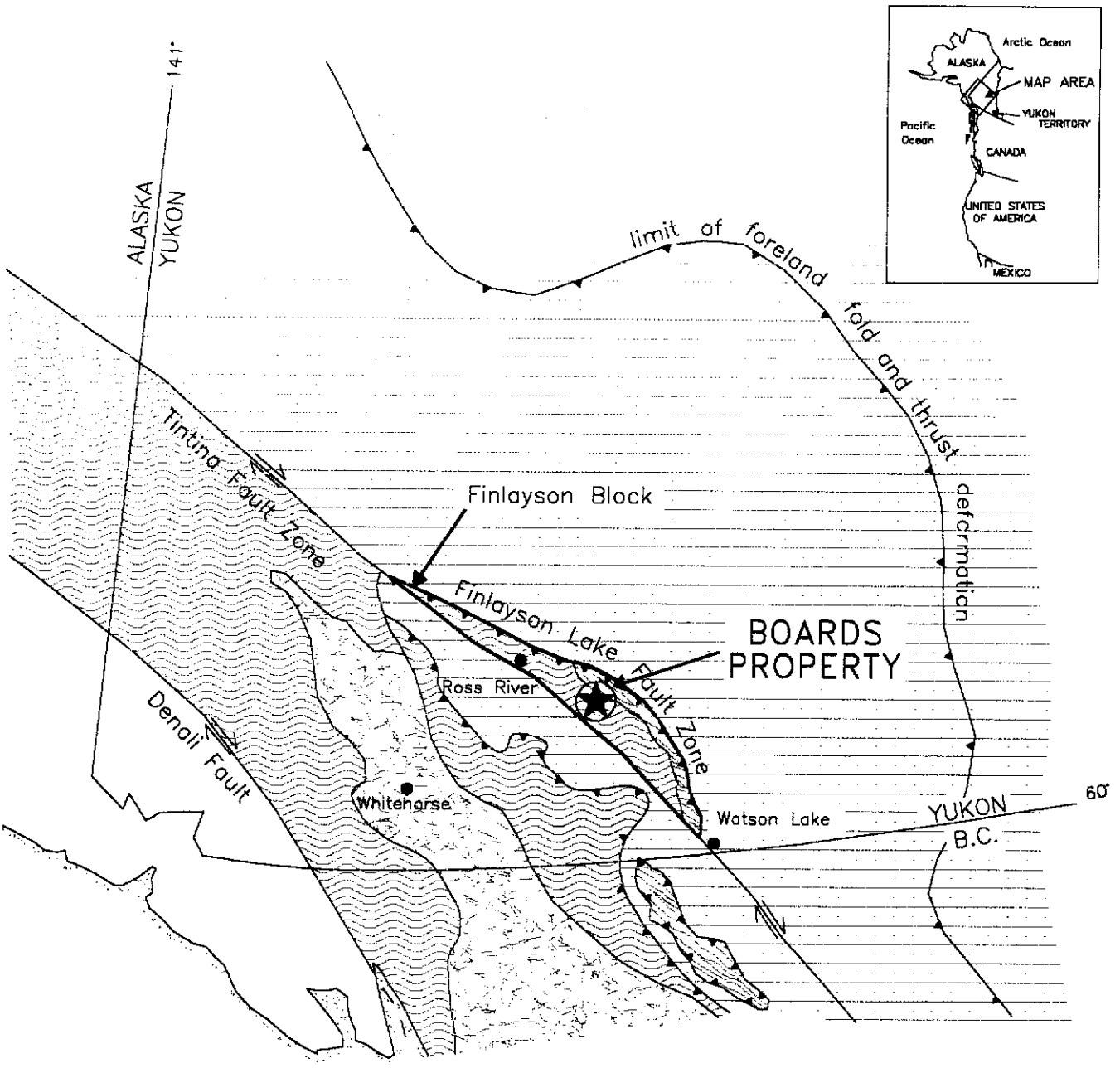
Vegetation consists of moderately dense growths of balsam and black spruce in the valley, giving way to buckbrush, willow and moss above 1540 m and eventually to scattered buckbrush, alpine grass and lichen at elevations exceeding 1700 m. Steep talus slopes and cliffs are vegetated only by lichen.

REGIONAL GEOLOGY

The Boards property is located within the Finlayson Block, a 380 by 60 km area is comprised primarily of the Yukon-Tanana and Slide Mountain geologic terranes (Figure 3). These terranes represent the innermost of the accreted or "suspect" terranes in the Canadian Cordillera (Mortensen and Jilson, 1985). The northeast margin of the block is the Finlayson Lake Fault Zone a complex zone of steep and shallow faults related to transpressive suturing. The southwest boundary of the block is the Tintina Fault, a major strike-slip fault with at least 450 km of dextral displacement during Late Cretaceous and/or Early Tertiary time (Tempelman-Kluit et al, 1976).

Regional mapping of the Finlayson area was completed by the Geological Survey of Canada in the mid to late 1970's (Tempelman-Kluit, 1977, 1979). More recent regional studies have been published by Mortensen and Jilson (1985) and Mortensen (1992). The following discussion of the regional geology (Figure 4) is based partly on the published work and partly on unpublished mapping completed in 1996 (Tempelman-Kluit, personal communication, 1996).

The Yukon-Tanana Terrane cosists of largely Paleozoic continental margin and/or arc stratigraphy deposited on a continental basement of uncertain origin (Mortensen, 1992). The Yukon-Tanana Terrane in the Finlayson Lake area contains three major packages, collectively termed the Layered Metamorphic Sequence. The lowermost unit consists of garnet-mica schist with interbanded marbles, calc-silicates and calcareous schists near the top. The middle unit is a carbonaceous quartzite, schist or phyllite with rare conglomerates and locally extensive felsic and mafic volcanic interbands. Radiometric dating of the felsic metavolcanics in the Finlayson Block has consistently resulted in Late Devonian to Mississippian crystallization ages. Immediately south of Finlayson Lake, large isolated outcrops of marble and quartzite which are poorly dated



Thrust fault

Steep fault

Yukon–Tanana Terrane

Slide Mountain Terrane

Stikinia and other Terranes

North American Miogeoclinal Strata

Modified after Mortensen and Jilson (1985), Mortensen (1992) and Johnston and Mortensen (1994).

FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

0 100 200 300 400

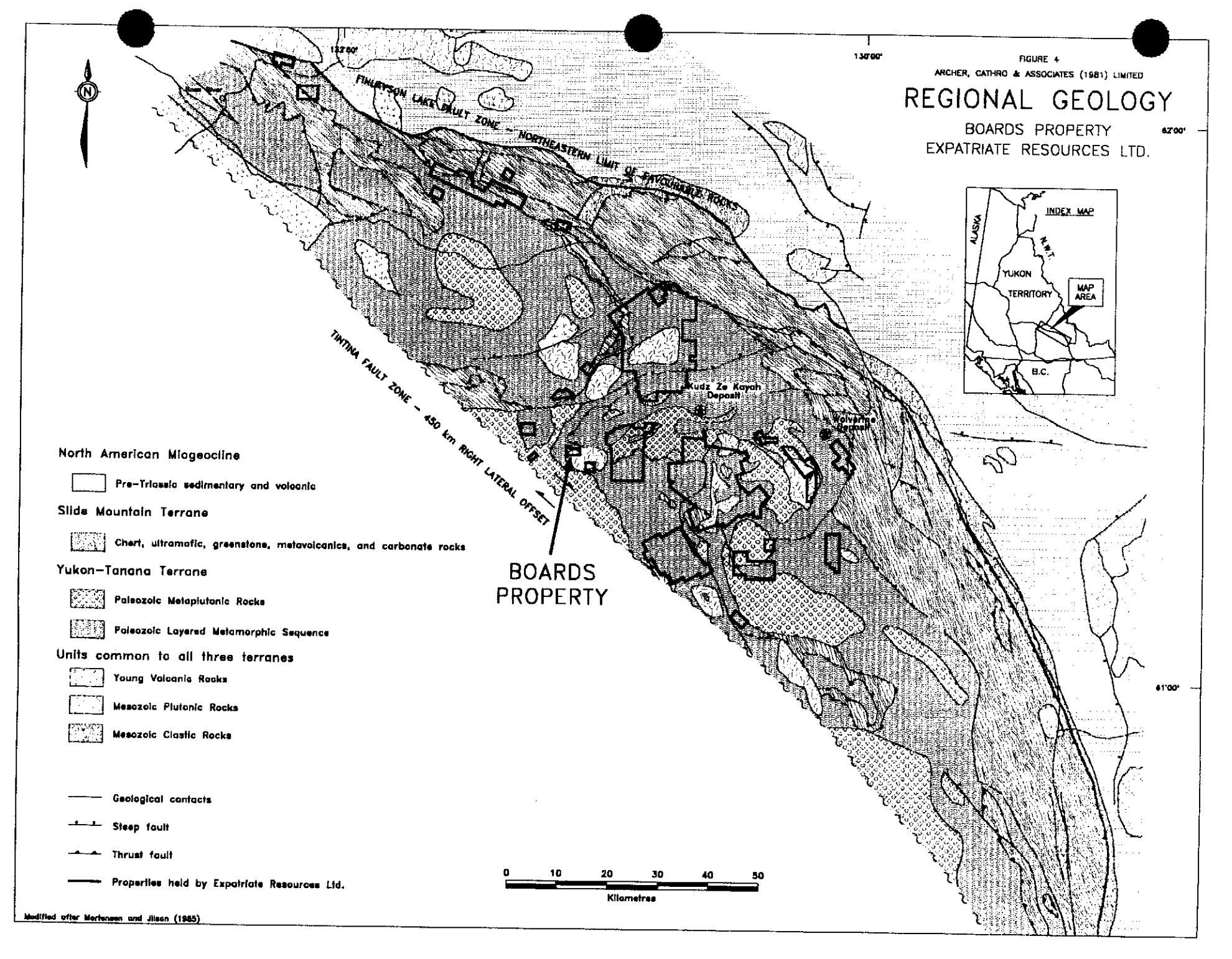
KILOMETRES

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

BOARDS PROPERTY
EXPATRIATE RESOURCES LTD.



as Early Pennsylvanian to Early Permian (Tempelman-Kluit, 1979) form the uppermost unit of the Yukon-Tanana Terrane.

This sequence of units is generally correlative with a similar stratigraphic sequence in ancestral North America (Mortensen and Jilson, 1985; Tempelman-Kluit, personal communication, 1996). The lowermost is correlated with the Lower Cambrian Atan Group and the middle carbonaceous assemblage is correlated with the offshelf, Silurian-Devonian Nasina quartzite assemblage. The felsic volcanics are most similar to locally extensive Mississippian siliceous volcanics in the North American stratigraphy. Local calcareous phyllites and massive greenstones near the top of the lower unit are lithologically similar to the Kechika Group and Lower Paleozoic alkalic and potassic greenstones, respectively.

Gneiss and augen gneiss invariably occur low in the Yukon-Tanana succession beneath either the lowermost calcareous unit or the middle carbonaceous unit. Mortensen and Jilson (1985) considered the gneisses to be metamorphosed Mid-Paleozoic plutonic rocks. Conversely Tempelman-Kluit (personal communication, 1996) considers these gneisses to be at least in part recrystallization of earlier stratigraphy. Radiometric dating of the gneisses has consistently resulted in Late Devonian to Mississippian ages (Mortensen, 1992). The gneisses occur in structural culminations with diameters on the order of 10 km and structural relief up to about 1 km.

The Devonian-Mississippian Simpson Suite (Mortensen, 1992) forms thick intervals of hornblende granodiorite and quartz monzonite higher in the Yukon-Tanana stratigraphic sequence. Mortensen and Jilson (1985) interpreted this suite as intrusive. Tempelman-Kluit (1979, 1996) mapped the suite as an allochthonous slice emplaced on top of the structural pile.

Slide Mountain Terrane consists of Late Devonian to Late Triassic disrupted oceanic crust (Mortensen, 1992). Lithologies include massive and sheared greenstone, chert and mafic to ultramafic plutonic rocks occurring as fault-bounded slices along thrust faults and steep faults. These units are most abundant near the northeast edge of the Finlayson Block but are also found throughout it.

Younger units unconformably overlie units from Slide Mountain, Yukon-Tanana and North American Terranes. Mesozoic clastic rocks are Late Triassic, immature sediments containing cobbles from both Slide Mountain and Yukon-Tanana Terranes. Young volcanic rocks consist of Late Cretaceous to Tertiary felsic volcanic flows and volcaniclastic deposits. They are usually found in close proximity to the Tintina Fault Zone.

Mesozoic intrusive activity in the Finlayson Block consists of two suites. The first is comprised of several unmetamorphosed Early Jurassic mafic and intermediate composition plutons. The second suite consists of Late Cretaceous two-mica quartz monzonite and granite (Mortensen and Jilson, 1985).

Structurally Yukon-Tanana schists and gneisses contain a pervasive, flat- to gently-dipping foliation. Close examination of this fabric indicates that it commonly is a closely spaced crenulation cleavage. Large-scale folds related to this fabric can rarely be mapped in the field. In most cases bedding and earlier fabrics are transposed into near parallelism with this dominant fabric. Later crenulation cleavages are present only locally. Some of the Cretaceous intrusions have a mild deformation fabric, others are massive and do not contain a foliation.

Thrust faults within the Finlayson Block juxtapose lithologic sequences with similar deformation fabrics. Thrusting postdates the Late Paleozoic Slide Mountain lithologies and predates the Cretaceous intrusives. Recent mapping also suggests, but does not definitively prove, the presence of major late extensional faults juxtaposing differing sequences (Tempelman-Kluit, personal communication, 1996). East-northeast trending, steep normal faults disrupt all earlier deformation fabrics.

Metamorphic grades range from lower greenschist facies to middle amphibolite facies. Contact hornfels around plutonic units occur locally.

Metamorphism and deformation are tentatively correlated with transpressive suturing of these suspect terranes with ancestral North America. Suturing is restricted to the time interval of post-Triassic continuing into the Cretaceous. Whether deformation is continuous or sporadic has not been fully verified at present.

The discovery of the Kudz Ze Kayah and Wolverine volcanic massive sulphide deposits within Finlayson Block in the last few years (Johnston and Mortensen, 1994) has refocused exploration activities in the area. Both deposits occur within metasedimentary and metavolcanic sequences of the Yukon-Tanana Terrane and are associated with felsic volcanics present in the middle unit of that terrane.

REGIONAL MINERALIZATION

A total of fifty-one mineral occurrences have been reported within the Finlayson Block (DIAND, 1995). Of these, twenty-one are known or suspected to be volcanogenic in origin while veins, skarns and asbestos occurrences comprise most of the remainder. Although the better known volcanogenic occurrences are thought to be of the Kuroko-type, some Besshi-type mineralization is also present (Morin, 1981 and Johnston and Mortensen, 1994) and the recently discovered Ice property appears to be Cyprus-type. Two occurrences have definite economic potential, the Kudz Ze Kayah and Wolverine Deposits (Figure 4). These occurrences are the main "type-deposits" for Expatriate's exploration in the district and are briefly described below.

The Kudz Ze Kayah (ABM) Deposit lies within Yukon-Tanana Terrane near the centre of the block (Cominco Exploration, 1995; Whiteway, 1995). It is a volcanogenic massive sulphide (VMS) deposit hosted by an overturned assemblage of felsic pyroclastics, aphanitic massive rhyolites and metasiliclastic rocks belonging to the middle unit of the Layered Metamorphic Sequence. Although both the sulphides and wallrocks are highly strained and exhibit pervasive schistosity, compositional layering in the vicinity of the deposit is relatively undeformed with a consistent, shallow northerly dip. Sphalerite, chalcopyrite and galena are the main economic minerals while the gangue includes various mixtures of magnetite, barite, pyrrhotite, pyrite and carbonate. The deposit averages about 18 m thick and has been traced 700 m along strike and up to 400 m downdip. Open pit mineable ore reserves are reported to be 11 million tonnes grading 5.9% zinc, 0.9% copper, 1.5% lead, 130 g/t silver and 1.3 g/t gold (Schultze, 1996). Preliminary studies suggest that satisfactory lead, zinc and copper concentrates can be produced using

conventional flotation processes (Cominco Exploration, 1995). The mineralization responds well to magnetic and electromagnetic surveys but geochemical response is somewhat erratic because the entire deposit is covered by 2 to 10 m of glacial till.

The Wolverine Deposit is located 25 km east of Kudz Ze Kayah property near a contact between Yukon-Tanana and overlying Slide Mountain rocks. It consists of the Wolverine and Lynx Zones which are hosted by rhyolitic metavolcanics and argillites lying within the middle unit of the Layered Metamorphic Sequence. The mineralization consists primarily of semi-massive to massive pyrite and sphalerite with varying amounts of galena, chalcopyrite, tetrahedrite and native gold. The surface expression of the Wolverine Zone is marked by a vegetation kill zone containing weakly malachite-stained argillite while the Lynx Zone is blanketed by glacial till. Westmin has traced the deposit 700 m along strike and up to 450 m downdip, and it is still open. The mineralization averages 6.1 m thick and dips shallowly to the north. Both zones contain significantly more zinc and precious metals than Kudz Ze Kayah. The current geological inventory is reported to be 5,311,000 tonnes grading 12.96% zinc, 1.41% copper, 1.53% lead, 359.1 g/t silver and 1.81 g/t gold (Westmin News Release, November 26, 1996). Soil geochemistry outlined weakly to moderately anomalous values along the projected surface trace of the deposit while magnetic surveys easily traced a laterally extensive, banded iron formation which occurs about 80 m up-section from the massive sulphide horizon. Interpretation of electromagnetic results is complicated by the presence of graphite within the argillite.

REGIONAL GEOCHEMISTRY

Published geochemical data for the Finlayson Lake area are limited to reconnaissance-scale stream sediment sampling conducted in the late 1980's by the Geological Survey of Canada (Hornbrook and Friske, 1988 and Friske et al, 1990). The sampling was done at an approximate density of one sample per 10 sq km. Each sample was analyzed for twenty elements including common indicator elements for VMS deposits such as copper, lead, zinc, silver and arsenic. Anomalous results were obtained from creeks draining some previously known VMS occurrences (DIAND, 1995, Yukon Minfile 105G/32, 34 and 40) but many others, including the streams draining the Wolverine Deposit, produced near background values. Anomalous results were also obtained from several drainages where there were no known mineral occurrences. Follow-up exploration has since located showings in many of the anomalous creeks with the most significant discovery to date being the Kudz Ze Kayah Deposit.

Expatriate was able to supplement the published reports with private data summarizing results of 1973 exploration managed by Archer Cathro on behalf of a joint venture (Cathro, 1973). The reconnaissance prospecting and geochemical sampling program explored for lead-zinc mineralization in the lower unit of the Layered Metamorphic Sequence but because the data provides relatively uniform coverage over the entire region, it is also suitable for evaluating areas underlain by the favourable middle unit. The Archer Cathro samples included approximately 5000 soils and stream sediments collected at a density of approximately one sample per sq km. They were all analyzed for lead, zinc, copper and molybdenum. As might be expected, this closer-spaced sampling outlined many more areas of anomalous geochemical response than the

government survey. Almost all of the known volcanogenic occurrences showed up as anomalies on this survey, including Kudz Ze Kayah and Wolverine.

The following table illustrates regional geochemical backgrounds for the metals and anomalous thresholds used for target selection.

GEOCHEMICAL BACKGROUNDS AND ANOMALOUS THRESHOLDS

		Anomalous Thresholds (ppm)			Peak
	Background	Weak	Moderate	Strong	Value
Copper	25	50	100	200	1720
Lead	30	50	100	200	>4000
Zinc	80	200	500	1000	>4000
Molybdenum	<1	2	5	10	65

The Boards property was staked to protect a target selected from the Archer Cathro data. Peak values from 1973 sampling at Boards were 315 ppm copper, 500 ppm lead, 440 ppm zinc and 3 ppm molybdenum.

Copper, lead and zinc are major metals in most VMS occurrences in the Finlayson Lake area and are obvious indicator elements. Molybdenum is present in anomalous quantities in the banded iron formation overlying the Wolverine Deposit (H. Meade, personal communication, 1995) and appears to be slightly enriched in the felsic metavolcanic rocks. Based on the geochemical signature in the vicinity of known occurrences its presence can be used to distinguish copper anomalies associated with volcanogenic mineralization from those derived from ultramafic rocks.

REGIONAL GEOPHYSICS

The only published geophysical data for the Finlayson Lake area resulted from airborne magnetic surveys conducted in 1961 by the Geological Survey of Canada on behalf of the Department of Mines and Technical Surveys. The surveys were flown with fixed-wing aircraft at a nominal elevation of 300 m above ground level on east-west lines spaced approximately 1.6 km apart. Results are presented on a 1:250,000 scale map (DMTS, 1961) and in more detail on a series of 1:50,000 maps.

The largest, most intense areas of positive magnetic response are associated with obducted ultramafic rocks belonging to the Slide Mountain Terrane. Within the Campbell Range Belt where dips are usually moderate to steep, the anomalies are narrow and elongate while in the remainder of the block where the ultramafic rocks occur along shallowly-dipping thrust faults, they are much broader.

A series of secondary positive anomalies was also recorded over Yukon-Tanana rocks but until recently they had no obvious explanation. Prospecting and mapping have now shown that magnetite occurs locally within schists of the middle unit of the Layered Metamorphic Sequence. The greatest documented concentration of magnetite is found in the hanging wall of the Wolverine Deposit where it forms several thin horizons approximately 80 m up-section from the massive sulphide mineralization. Magnetite is also a significant constituent of the mineralization at Kudz Ze Kayah. The Boards property straddles the southern margin of a subtle east-west trending aeromagnetic anomaly.

PROPERTY GEOLOGY AND MINERALIZATION

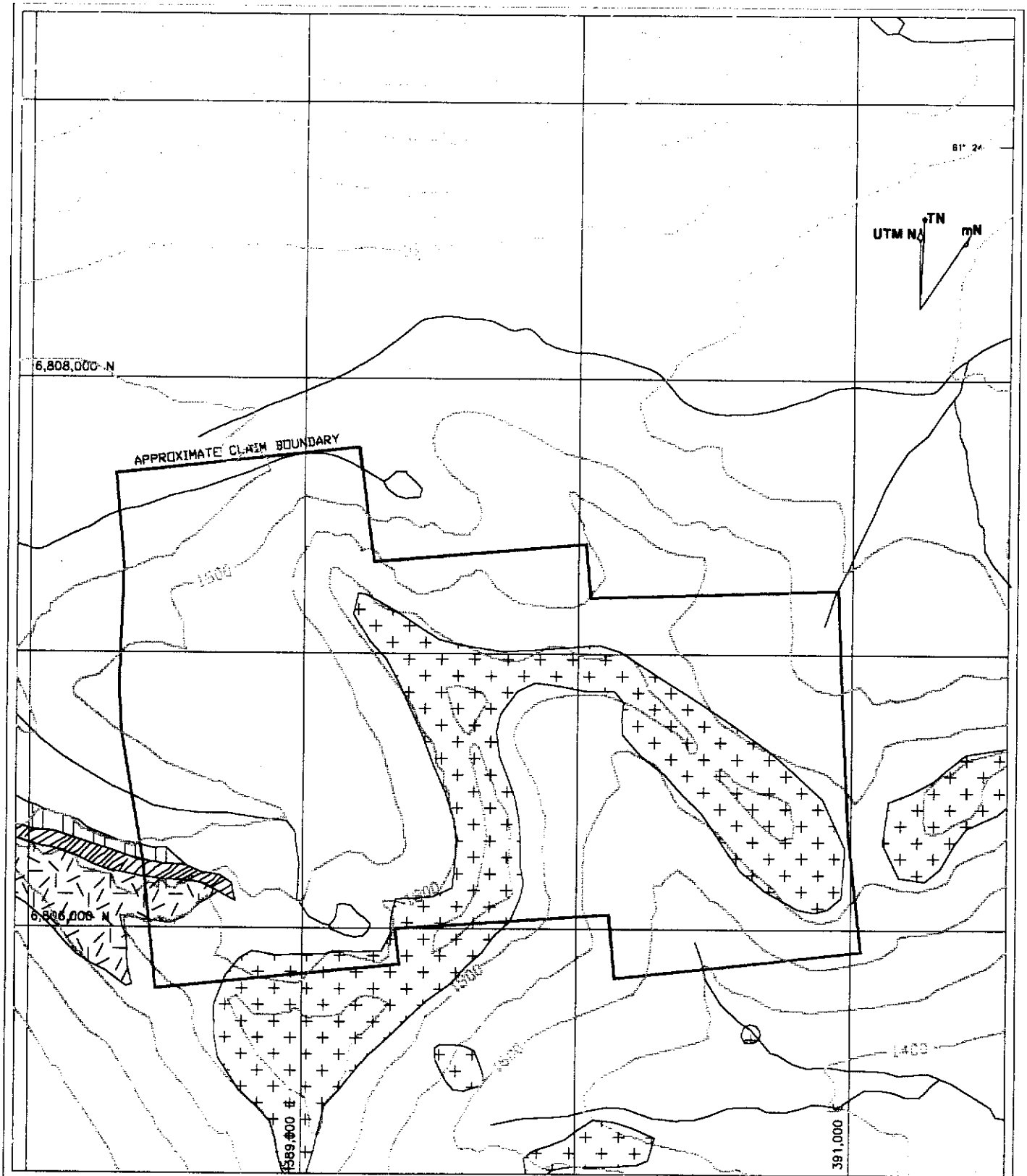
Bedrock exposure is excellent on north-facing slopes and along the ridge-top. Property geology is shown on Figure 5 while the four main rock types in the vicinity of the property are described below. The first belongs to the Mesozoic Plutonic Rocks while the latter three are part of the Paleozoic Layered Metamorphic Sequence.

The main rock type encountered on the property is unfoliated to weakly foliated muscovite-biotite granite. Biotite constitutes 5 to 10% of the granite and quartz about 20%. Muscovite occurs in much lesser amounts than biotite while euhedral megacrysts of white feldspar of up to 10 cm in length are common. The granite bears occasional veins of quartz and amphibole. Weak pyrite disseminations were noted at one locality. A sample (N110198) of weakly pyritic and veined granite was sent to Chemex Labs Ltd. of North Vancouver for Induced Coupled Plasma (ICP) 32 element rock geochemical analysis. The results were background or weakly anomalous for all metals as shown on the Certificates of Analysis in Appendix III.

On a ridge in the southwest corner of the property the granite is underlain by a horizontally layered, green-grey, siliceous greenstone unit, within which lies a 1 m thick layer bearing 5 to 10% pyrite. A sample (N110212) of rusty pyritic greenstone was also submitted for ICP 32 element rock geochemical analysis and again returned background values for all metals.

Underlying the greenstone layer are well-foliated, flat-lying quartzites. Their colour varies with graphite content from tan to black. The quartzites are micaceous and display strong planar parting. Minor pyrite disseminations were noted within them.

The quartzites are underlain by a horizontally layered, light-coloured unit which was not examined.



Granite

Greenstone

Quartzite

Light-coloured unit

0 100 200 400 600 800 1000 m

FIGURE 5

Archer, Cathro & Associates (1981) Limited

PROPERTY GEOLOGY

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE: BO-GEOL.DWG	
DRAWN: AB	PROJ: FP	DATE: 6-DEC-88

PROPERTY GEOCHEMISTRY

Reconnaissance soil sampling was carried out at 100 m intervals along the claim lines and on two contour lines. Sample locations were marked with 50 cm wooden lath bearing aluminum tags inscribed with sample numbers.

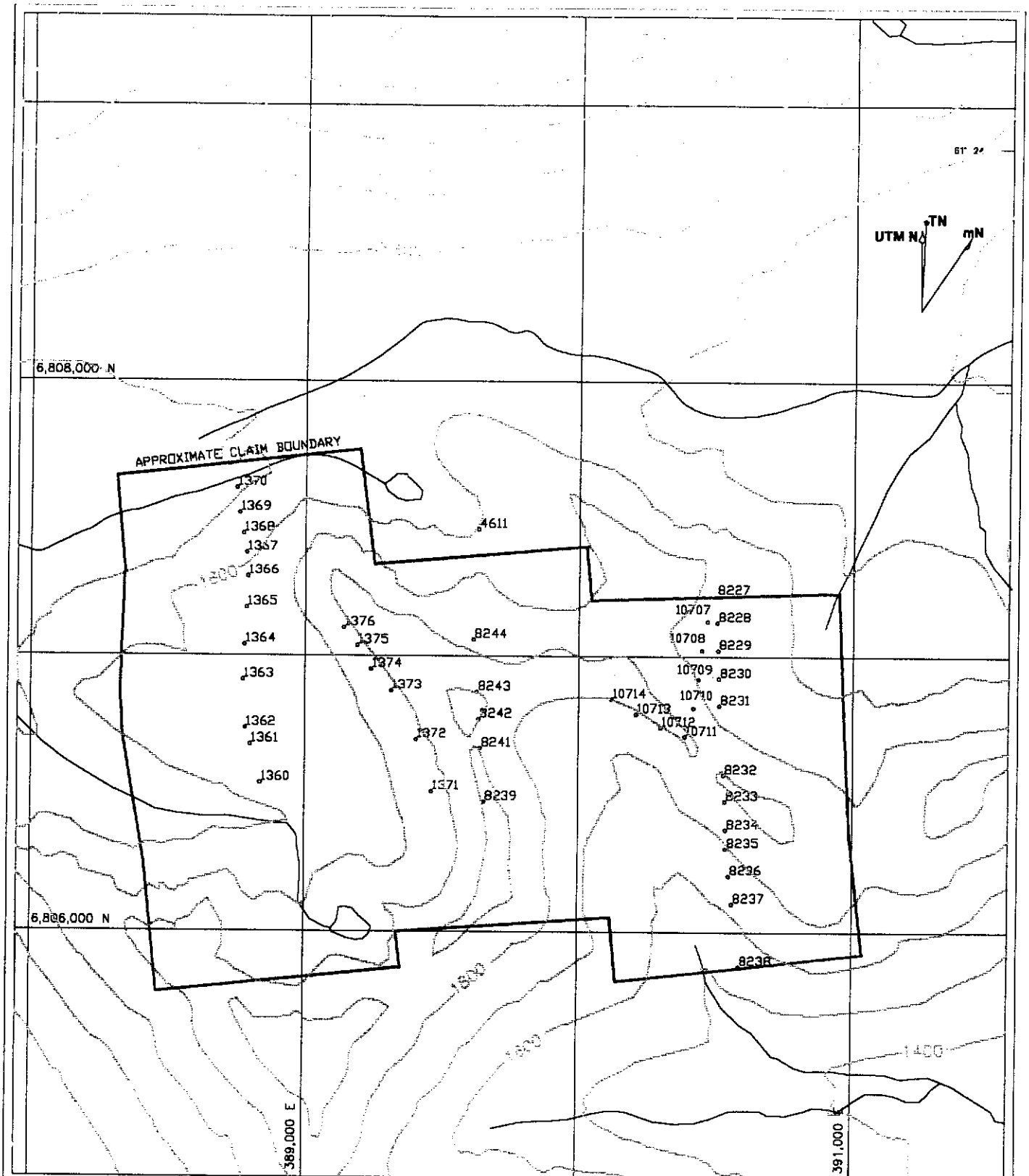
A total of 46 soil samples was taken (locations shown on Figure 6) and sent to Chemex where they were screened to -80 mesh, digested in nitric acid-aqua regia and geochemically analyzed for 32 elements using the ICP technique. Certificates of Analysis are listed in Appendix III. Results for three indicator elements (silver, lead and zinc) are plotted on Figures 7 to 9 while anomalous thresholds and peak values for several pathfinder metals are as follows.

	Threshold Values (ppm)				
Element	Weak	Moderate	Strong	Extreme	Peak Value
Silver	1	2	5	NA*	4.8
Lead	50	100	200	400	412
Zinc	200	NA*	NA*	NA*	388

*NA = not applicable because property values did not reach regional thresholds.

A strong lead anomaly was outlined along the northwest-trending ridge in the centre of the property. The peak value of 412 ppm is considered extremely anomalous while three adjacent samples to the northwest were moderately to strongly anomalous. This anomaly occurs on a steep talus-covered slope and the anomalous soil is locally derived. The high lead values coincide with weakly to moderately anomalous zinc and silver response.

The highest individual silver value (4.8 ppm) came from a sample taken about 600 m southwest, directly downslope of the strongest lead anomaly. This sample was also weakly anomalous for lead and was extremely anomalous for arsenic (240 ppm).



•1361 Sample location with sample number
all sample numbers prefixed by BB

0 100 200 400 600 800 1000 m

FIGURE 6

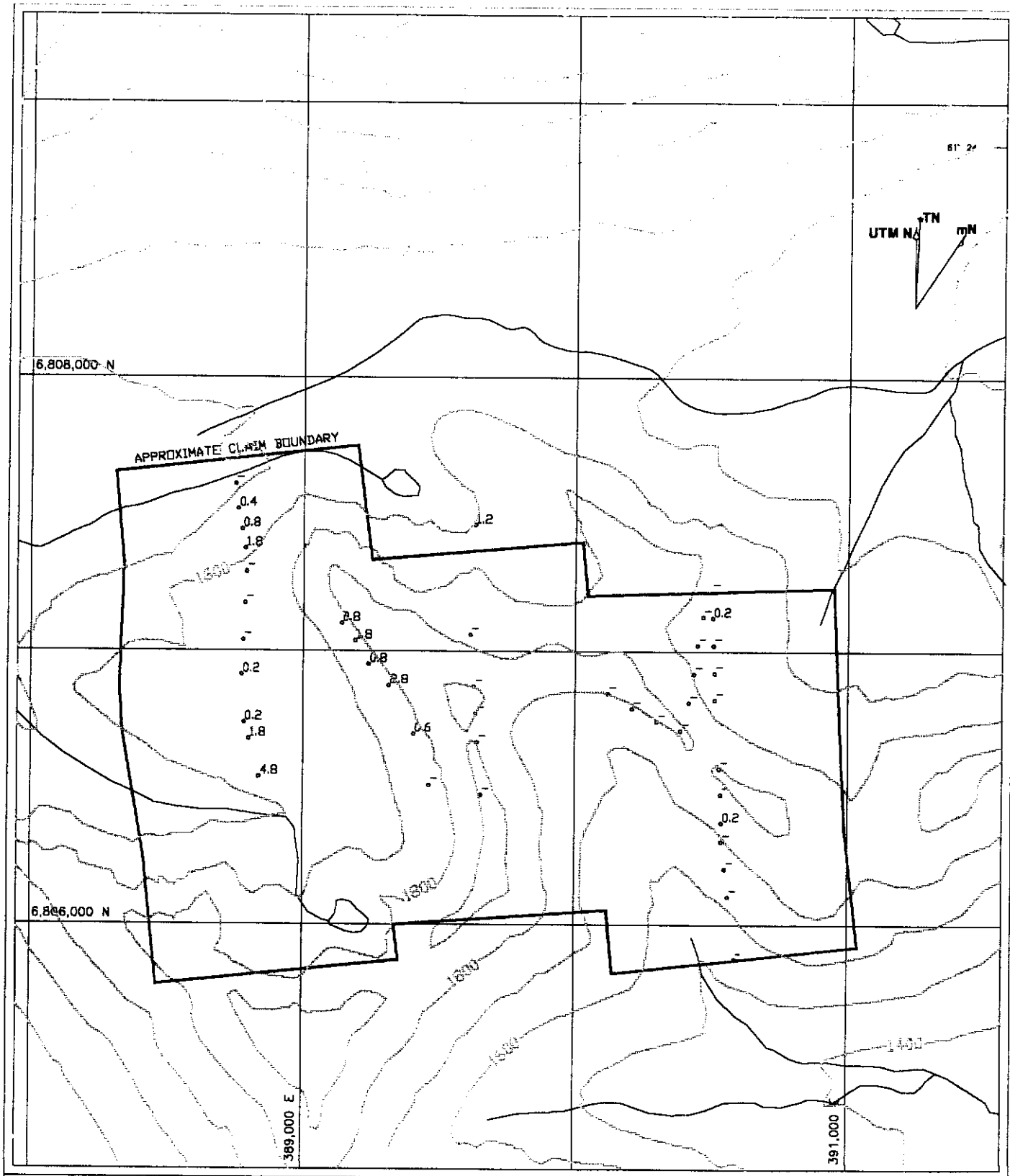
Archer, Cathro & Associates (1981) Limited

SAMPLE LOCATION

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE: BO-SNO.DWG	
DRAWN: AB	PROJ: FP	DATE: 8-DEC-88



.98 Sample location with silver value in ppm

\- Below detection limit

≥ 5 ppm Ag

≥ 2 < 5 ppm Ag

≥ 1 < 2 ppm Ag

0 100 200 400 600 800 1000 m

FIGURE 7

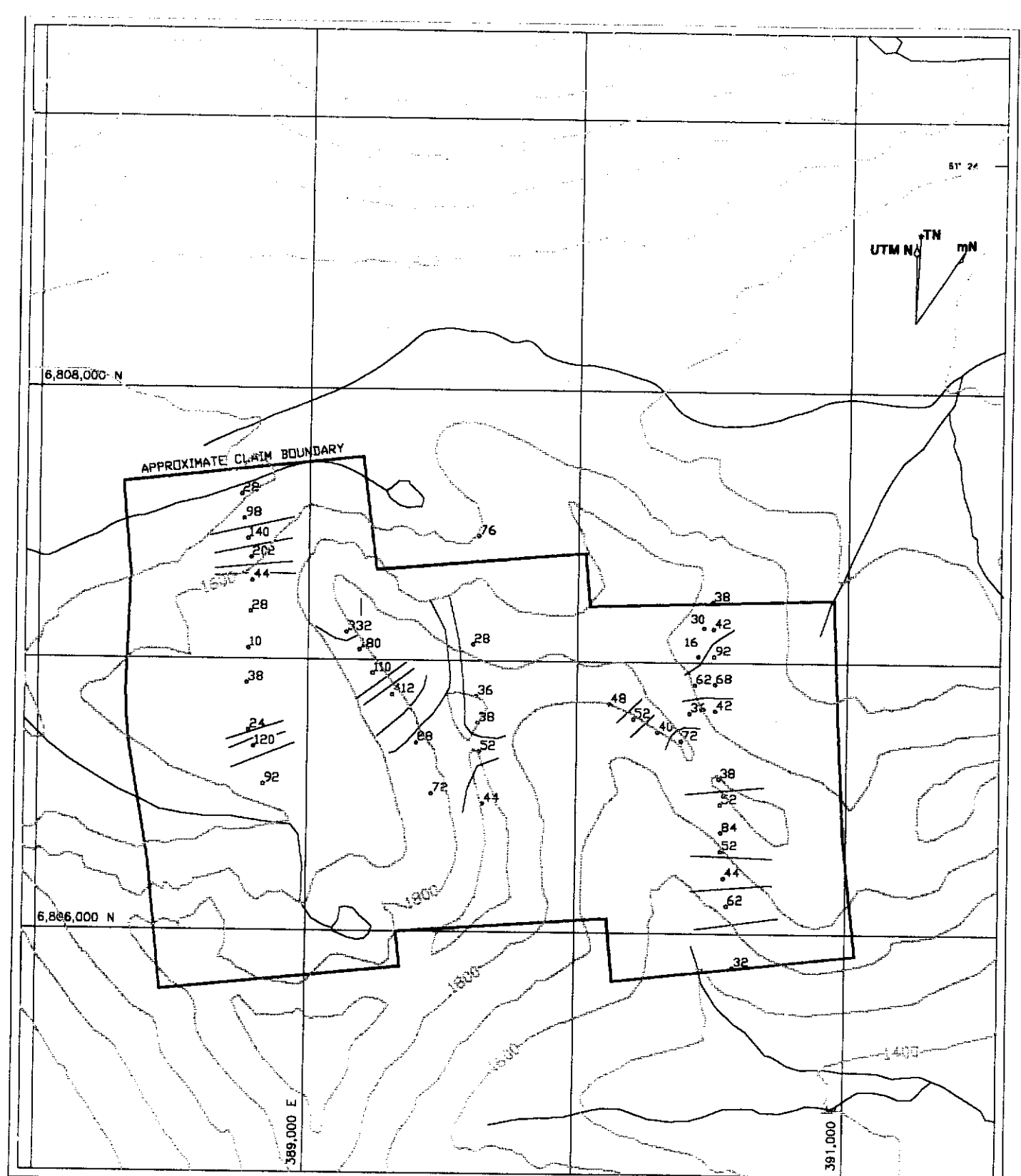
Archer, Cathro & Associates (1981) Limited

SILVER GEOCHEMISTRY

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE: BO-AG.DWG	
DRAWN: AB	PROJ: FP	DATE: 8-DEC-88



98 Sample location with lead value in ppm

≥ 200 ppm Pb

≥ 100 < 200 ppm Pb

≥ 50 < 100 ppm Pb

0 100 200 400 600 800 1000 m

FIGURE 8

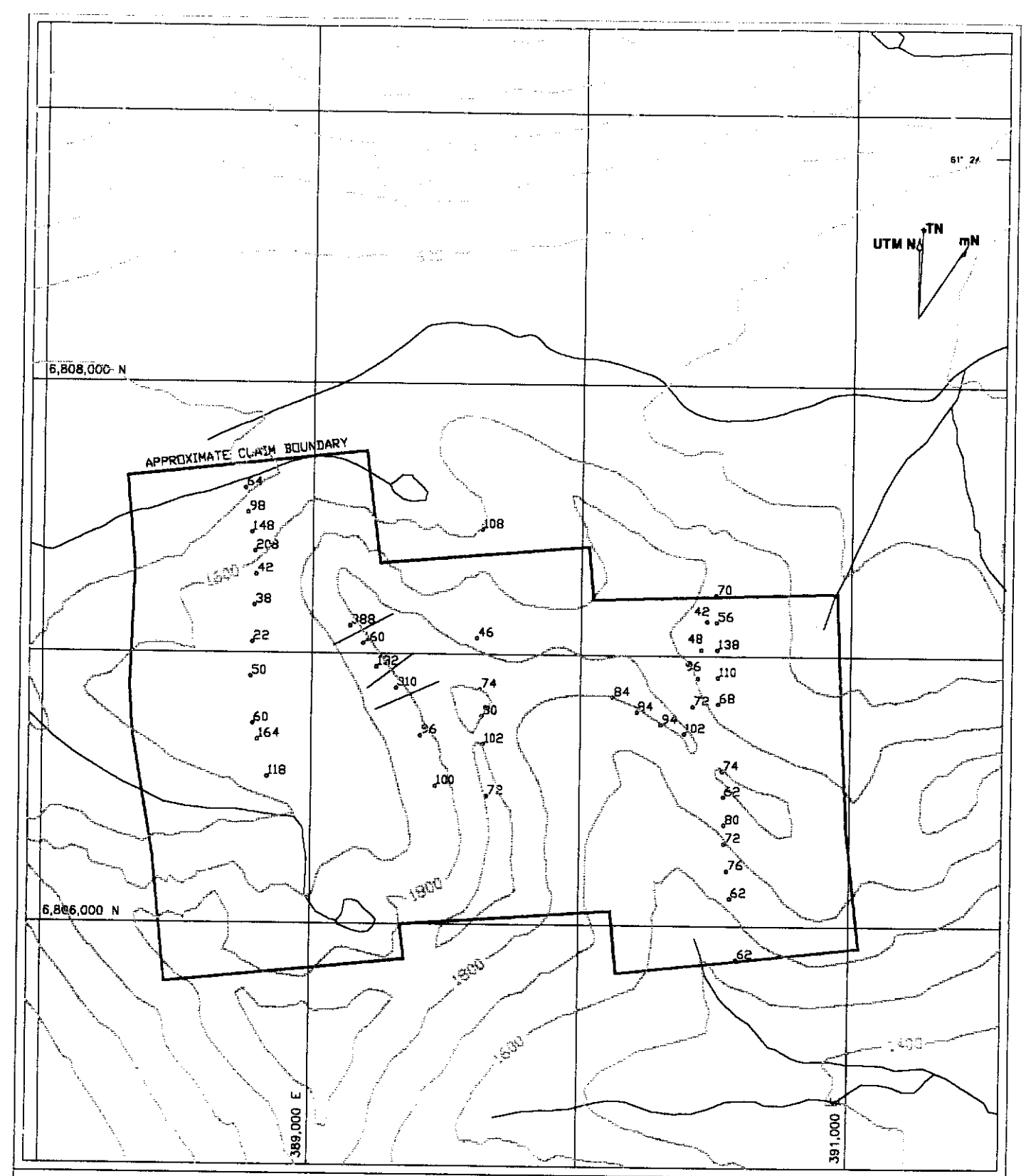
Archer, Cathro & Associates (1981) Limited

LEAD GEOCHEMISTY

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE: BO-PB.DWG	
DRAWN: AS	PROJ: FP	DATE: 9-DEC-86



.98 Sample location with zinc value in ppm

≥ 1000 ppm Zn

≥ 500 < 1000 ppm Zn

≥ 200 < 500 ppm Zn

0 100 200 400 600 800 1000 m

FIGURE 9

Archer, Cathro & Associates (1981) Limited

ZINC GEOCHEMISTRY

BOARDS PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE: BC-ZN.DWG	
DRAWN: AB	PROJ: FP	DATE: 9-DEC-86

An apparently separate anomaly about 650 m to the northwest may be related. This second anomaly has peak values of 202 ppm lead, 208 ppm zinc and 1.8 ppm silver. It is located on a broad till-covered terrace and may represent down-ice dispersion from the first anomaly.

Sampling in 1996 did not reproduce the 1973 copper anomaly. Molybdenum results were near background as were gold analyses conducted in fall 1996.

CONCLUSIONS AND RECOMMENDATIONS

The Boards property appears to be underlain by Mesozoic granite but rocks of the Paleozoic Layered Metamorphic Sequence may be present beneath the granite. Reconnaissance soil geochemistry outlined two areas of strong lead response with coincident weakly to moderately anomalous zinc and silver values. One of the anomalies may have resulted from down-ice dispersion from the other.

Prospecting and soil sampling traverses on the low slopes and creek bottoms are recommended to determine whether or not favourable Paleozoic Layered Metamorphic Sequence rocks are present beneath the granite. Additional prospecting is also recommended in the vicinity of the soil geochemical anomalies to see whether or not they are related to veins. Pending results of the prospecting traverses a grid soil geochemistry program is recommended to better define the lead-zinc-silver anomalies.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A. Burgert, B.Sc.

SELECTED REFERENCES

Cathro, R.J.
1973 Final Report, Finlayson Joint Venture; November 30, 1973, p.44.

Cominco Exploration
1995 Kudz Ze Kayah Program, Yukon; Information handout from Cordilleran Roundup, Spring 1995.

DIAND
1995 Yukon Minfile, November/95; Exploration Geological Services Division, Indian and Northern Affairs Canada.

DMTS
1961 Finlayson Lake (105G), Airborne Magnetic Map; Department of Mines and Technical Surveys, Geophysical Paper 70006G.

Friske, P.W.B., Hornbrook, E.H.W., Lynch, J.J., McCurdy, M.W., Gross, H., Galletta, A.C. and Durham, C.C.
1990 Regional stream sediment and water geochemical data, central Yukon; Geological Survey of Canada Open File 2174 (105K East).

Hansen, V.L.
1990 Yukon-Tanana Terrane: A partial acquittal; Geology, V.18, pp.365-369, April 1990.

Hornbrook, E.H.W. and Friske, P.W.B.
1988 Regional stream sediment and water geochemical data, southeastern Yukon; Geological Survey of Canada Open File 1648 (105G).

Johnston, S.T. and Mortensen, J.K.
1994 Regional setting of porphyry Cu-Mo deposits, volcanogenic massive sulphide deposits, and mesothermal gold deposits in the Yukon-Tanana Terrane, Yukon; Yukon Metallogeny: Recent Developments, Canadian-Yukon Economic Development Agreement, pp.30-34.

Morin, J.A.
1981 Volcanogenic iron and base metal occurrences in Klondike Schist, Yukon Geology and Exploration 1979-80, Department of Indian and Northern Affairs, pp.91-97.

Mortensen, J.K.
1992 Pre-Mid-Mesozoic Tectonic Evolution of the Yukon-Tanana Terrane, Yukon and Alaska; Tectonics, Vol.11, No.4, pp.836-853.

Mortensen, J.K. and Jilson, G.A.
1985 Evolution of the Yukon-Tanana Terrane: evidence from southeastern Yukon Territory; Geology, V.13, pp.806-810.

Schultze, H.C.
1996 Summary of the Kudz Ze Kayah Project, volcanic hosted massive sulphide deposit Yukon Territory; *in*: Yukon Exploration and Geology, 1995, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, pp.29-32.

Tempelman-Kluit, D.J., Gordey, S.P. and Read, B.C.
1976 Stratigraphic and structural studies in the Pelly Mountains, Yukon Territory; Geological Survey of Canada Paper 76-1A, pp.97-106.

Tempelman-Kluit, D.J.
1977 Quiet Lake (105F) and Finlayson Lake (105G) map areas; Geological Survey of Canada Open File 486.

1979 Transported Cataclasite, Ophiolite and Granodiorite in Yukon: Evidence of Arc-Continent Collision. Geological Survey of Canada, Paper 79-14, 27 pages.

Westmin Resources Limited
1996 News Release, Joint Release with Atna Resources Ltd; November 26, 1996, p.2.

Whiteway, P.
1995 "Fast-Tracking" ABM; *in* Canadian Mining Journal, June 1995, pp.17-21.

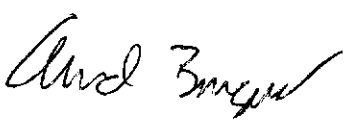
APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Arnd Burgert, geologist, with business address in Vancouver, British Columbia and residential address in White Rock, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1995 with a B.Sc. in geology.
2. From 1989 to present, I have been actively engaged in mineral exploration in British Columbia, the Northwest Territories and the Yukon Territory and am presently employed with Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in the field work reported herein.



A. Burgert, B.Sc.

APPENDIX II

GPS DATA

Boards Property

GPS Survey Coordinates

Data Quality: Standard = The surveyed positions were recorded in 3D mode and were differentially corrected. The reported UTM coordinates are within 1 to 5 meters of their actual locations; Poor = >25% of the surveyed positions were recorded in 2D mode; Uncorrected = The surveyed positions were not differentially corrected; N/S = No survey data available.

Base Station: W = Westmin Resources Limited base station at Wolverine Lake; WL = Ministry of Environment, Lands and Parks base station at Williams Lake; DL = Ministry of Environment, Lands and Parks base station at Dease Lake; RR = Department of Renewable Resources (Forestry) at Whitehorse.

A. Expatriate Resources Ltd. Claim Posts

Claim	Posts 1	Posts 2	UTM Coordinates Northing	UTM Coordinates Easting	Data Quality	Base Station	Date
Boards	1, 2	-	6807698	388753	Standard	W	18-Aug-96
	3, 4	1, 2	6807307	388796	Standard	W	18-Aug-96
	5, 6	3, 4	6806783	388776	Standard	W	18-Aug-96
	7, 8	5, 6	6806278	388867	Standard	W	18-Aug-96
	-	7, 8	-	-	N/S	-	-
Boards	9, 10	-	-	-	N/S	-	-
	11, 12	9, 10	-	-	N/S	-	-
	13, 14	11, 12	6806467	389654	Standard	W	18-Aug-96
	-	13, 14	-	-	N/S	-	-
Boards	15, 16	-	6807222	390500	Standard	W	18-Aug-96
	17, 18	15, 16	6806736	390513	Standard	W	18-Aug-96
	19, 20	17, 18	6806301	390541	Standard	W	18-Aug-96
	-	19, 20	6805866	390586	Standard	W	18-Aug-96

B. Geological Stations

Claim	Station	UTM Coordinates Northing	UTM Coordinates Easting	Data Quality	Base Station	Date
Boards	BB04611	6807505	389657	Standard	W	29-Aug-96
	BB06239	6805881	389632	Standard	W	18-Aug-96
	BB10711	6806762	390286	Poor	W	29-Aug-96

APPENDIX III

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

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VANCOUVER, BC
V6B 1L8

Project : BOARDS
Comments:

Page [redacted]r : 1-A
Total P[redacted] : 1
Certificate Date: 06-OCT-96
Invoice No. : I9634028
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9634028

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BB04610	201	202	< 0.2	1.26	180	50	1.5	6	0.29	< 0.5	4	13	7	2.52	< 10	< 1	0.10	10	0.29	250	5
BB04611	201	202	1.2	2.53	154	90	12.5	6	0.35	< 0.5	5	11	6	2.50	< 10	< 1	0.10	60	0.31	690	1
BB10707	201	202	< 0.2	1.11	14	60	0.5	2	0.04	< 0.5	2	7	7	1.33	< 10	< 1	0.09	10	0.10	450	3
BB10708	201	202	< 0.2	1.39	38	70	1.5	8	0.14	< 0.5	2	9	7	1.44	< 10	< 1	0.09	10	0.13	295	1
BB10709	201	202	< 0.2	2.00	26	80	5.0	4	0.20	< 0.5	6	12	14	2.18	< 10	< 1	0.12	30	0.34	860	< 1
BB10710	201	202	< 0.2	1.52	6	60	3.5	6	0.37	< 0.5	4	10	8	1.57	< 10	< 1	0.15	20	0.32	465	< 1
BB10711	201	202	< 0.2	1.93	20	80	3.0	154	0.36	< 0.5	5	12	10	1.96	< 10	< 1	0.10	20	0.33	615	< 1
BB10712	201	202	< 0.2	1.78	6	70	3.0	6	0.16	< 0.5	6	16	12	2.48	< 10	< 1	0.09	30	0.39	705	< 1
BB10713	201	202	< 0.2	1.69	12	50	2.5	6	0.20	< 0.5	6	12	15	2.08	< 10	< 1	0.11	30	0.29	775	2
BB10714	201	202	< 0.2	1.74	6	60	2.0	6	0.14	< 0.5	6	17	10	2.35	< 10	< 1	0.08	20	0.33	420	< 1

CERTIFICATION: Ian Bichler

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Invoice No. : I9634028
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Account : MPO

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BB04610	201	202	< 0.01	7	400	52	< 2	1	25	0.02	< 10	< 10	31	< 10	60
BB04611	201	202	0.01	6	1550	76	< 2	2	39	< 0.01	< 10	320	18	< 10	108
BB10707	201	202	0.02	4	940	30	< 2	< 1	9	< 0.01	< 10	< 10	19	< 10	42
BB10708	201	202	0.01	5	1210	16	< 2	< 1	27	< 0.01	< 10	< 10	15	10	48
BB10709	201	202	0.01	10	1110	62	< 2	1	21	< 0.01	< 10	30	22	< 10	96
BB10710	201	202	0.01	7	820	36	< 2	1	59	0.02	< 10	10	18	< 10	72
BB10711	201	202	0.01	10	1070	72	< 2	1	66	0.01	< 10	10	23	< 10	102
BB10712	201	202	< 0.01	12	1170	40	< 2	1	17	0.01	< 10	10	31	90	94
BB10713	201	202	< 0.01	8	900	52	4	1	10	< 0.01	< 10	< 10	22	< 10	84
BB10714	201	202	< 0.01	11	820	48	< 2	1	8	0.01	< 10	< 10	31	140	84

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CERTIFICATE OF ANALYSIS A9631821

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N110211	205	226	< 0.2	1.68	22	80	1.5	< 2	7.20	0.5	16	60	22	4.05	< 10	< 1	0.38	30	1.67	750	1
N110212	205	226	0.6	4.11	42	20	3.0	80	2.47	0.5	16	96	466	6.36	10	< 1	0.06	30	0.50	535	< 1

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P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9631821

SAMPLE	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N110198	205 226	0.03	2	660	34	< 2	< 1	71	< 0.01	< 10	10	2	< 10	50
N110211	205 226	0.01	34	390	10	< 2	8	429	< 0.01	< 10	< 10	39	< 10	506
N110212	205 226	0.32	15	370	4	< 2	4	630	0.08	< 10	< 10	23	440	62

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Account : MPO

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BB 01360	201	202	4.8	1.46	240	30	4.5	6	0.52	0.5	4	< 1	3	1.98	< 10	3	0.26	50	0.35	710	1
BB 01361	201	202	1.8	1.59	104	30	2.5	20	0.16	0.5	4	< 1	18	1.87	< 10	< 1	0.21	30	0.39	480	< 1
BB 01362	201	202	0.2	1.55	22	50	1.5	6	0.14	0.5	4	< 1	3	1.61	< 10	< 1	0.23	30	0.34	380	< 1
BB 01363	201	202	0.2	1.85	100	40	1.5	2	0.02	< 0.5	2	< 1	4	2.24	< 10	< 1	0.10	30	0.21	285	< 1
BB 01364	201	202	< 0.2	0.79	18	30	< 0.5	2	0.01	< 0.5	2	< 1	3	0.98	< 10	< 1	0.08	10	0.10	90	1
BB 01365	201	202	< 0.2	1.48	62	40	1.5	< 2	< 0.01	< 0.5	2	< 1	1	1.74	< 10	< 1	0.10	30	0.17	165	< 1
BB 01366	201	202	< 0.2	1.38	32	50	1.5	2	0.07	< 0.5	2	< 1	3	1.63	< 10	< 1	0.10	30	0.11	130	2
BB 01367	201	202	1.8	1.96	214	90	7.0	6	0.82	0.5	6	< 1	9	3.00	< 10	< 1	0.14	30	0.27	985	2
BB 01368	201	202	0.8	1.12	158	30	4.5	8	0.32	0.5	6	< 1	3	2.27	< 10	< 1	0.17	70	0.31	1125	1
BB 01369	201	202	0.4	1.08	58	30	5.0	6	0.31	< 0.5	3	< 1	1	2.13	< 10	3	0.16	50	0.22	570	1
BB 01370	201	202	< 0.2	1.58	92	70	0.5	4	0.07	< 0.5	5	19	9	2.54	< 10	< 1	0.12	30	0.35	200	1
BB 01371	201	202	< 0.2	1.58	22	50	5.0	2	0.37	0.5	5	< 1	1	2.29	< 10	< 1	0.18	40	0.42	810	1
BB 01372	201	202	0.6	1.49	40	40	5.5	6	0.40	< 0.5	5	< 1	< 1	2.55	< 10	1	0.17	40	0.32	655	1
BB 01373	201	202	2.8	1.13	356	50	8.0	4	0.72	2.0	8	< 1	26	3.67	< 10	1	0.15	30	0.21	1360	1
BB 01374	201	202	0.8	1.84	78	50	7.5	12	0.44	< 0.5	6	< 1	1	2.92	< 10	1	0.25	50	0.39	1045	< 1
BB 01375	201	202	1.8	1.76	168	40	10.5	10	0.59	0.5	6	< 1	3	2.90	< 10	< 1	0.18	40	0.38	1295	3
BB 01376	201	202	0.8	1.38	120	30	8.5	< 2	0.46	1.5	6	< 1	2	2.56	< 10	< 1	0.18	50	0.26	1175	< 1
BB 08227	201	202	< 0.2	1.39	38	60	1.0	2	0.21	< 0.5	6	11	7	1.80	< 10	< 1	0.08	30	0.33	375	< 1
BB 08228	201	202	0.2	1.74	46	50	2.5	2	0.11	< 0.5	3	< 1	9	1.44	< 10	< 1	0.08	10	0.18	320	< 1
BB 08229	201	202	< 0.2	3.49	106	190	7.0	12	0.18	< 0.5	9	26	24	3.38	10	< 1	0.18	30	0.49	810	1
BB 08230	201	202	< 0.2	2.41	46	110	5.5	12	0.23	< 0.5	8	16	13	2.54	< 10	< 1	0.10	30	0.46	775	< 1
BB 08231	201	202	< 0.2	1.51	68	50	1.5	18	0.21	< 0.5	3	< 1	6	1.60	< 10	< 1	0.09	10	0.25	485	< 1
BB 08232	201	202	< 0.2	2.08	12	140	2.0	16	0.36	< 0.5	6	9	8	2.06	< 10	< 1	0.14	40	0.40	425	< 1
BB 08233	201	202	< 0.2	1.52	24	70	2.5	8	0.27	< 0.5	4	3	4	2.07	< 10	< 1	0.10	40	0.30	435	< 1
BB 08234	201	202	0.2	1.95	118	60	4.0	10	0.24	< 0.5	6	3	4	2.50	< 10	< 1	0.11	40	0.32	465	< 1
BB 08235	201	202	< 0.2	1.68	30	80	3.0	8	0.29	< 0.5	5	7	5	2.29	< 10	< 1	0.10	30	0.36	485	1
BB 08236	201	202	< 0.2	1.51	46	80	4.0	18	0.25	< 0.5	6	6	5	1.98	< 10	< 1	0.10	40	0.31	575	< 1
BB 08237	201	202	< 0.2	1.35	12	30	3.0	14	0.35	< 0.5	2	< 1	1	1.32	< 10	< 1	0.13	30	0.19	480	< 1
BB 08238	201	202	< 0.2	2.21	16	40	2.0	6	0.06	< 0.5	3	< 1	3	2.17	< 10	< 1	0.12	20	0.28	370	1
BB 08239	201	202	< 0.2	1.36	50	60	2.5	2	0.21	< 0.5	5	< 1	3	2.20	< 10	2	0.11	30	0.32	425	1
BB 08240	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
BB 08241	201	202	< 0.2	1.74	164	140	3.0	< 2	0.29	< 0.5	8	11	10	2.62	< 10	2	0.11	40	0.44	585	1
BB 08242	201	202	< 0.2	1.83	118	120	2.0	< 2	0.16	< 0.5	6	16	10	2.67	< 10	< 1	0.10	30	0.45	455	< 1
BB 08243	201	202	< 0.2	2.19	24	70	2.0	< 2	0.17	< 0.5	8	18	9	2.72	< 10	< 1	0.15	20	0.50	415	1
BB 08244	201	202	< 0.2	1.88	6	30	2.0	< 2	0.19	< 0.5	3	< 1	< 1	1.61	< 10	< 1	0.21	40	0.45	405	< 1

CERTIFICATION: Ivan Bichler

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BB 01361	201	202	< 0.01	< 1	650	120	< 2	2	8	0.06	< 10	< 10	19	< 10	164
BB 01362	201	202	0.01	< 1	820	24	< 2	1	8	0.05	< 10	< 10	21	< 10	60
BB 01363	201	202	< 0.01	< 1	610	38	2	1	5	0.01	< 10	< 10	21	< 10	50
BB 01364	201	202	0.03	< 1	490	10	< 2	< 1	6	0.01	< 10	< 10	21	< 10	22
BB 01365	201	202	< 0.01	< 1	250	28	< 2	1	5	0.01	< 10	< 10	18	< 10	38
BB 01366	201	202	< 0.01	< 1	490	44	< 2	< 1	8	0.01	< 10	< 10	24	10	42
BB 01367	201	202	0.01	< 1	900	202	4	2	84	< 0.01	< 10	140	13	< 10	208
BB 01368	201	202	< 0.01	< 1	1230	140	102	1	13	0.01	< 10	10	10	< 10	148
BB 01369	201	202	< 0.01	< 1	870	98	< 2	1	34	< 0.01	< 10	10	7	< 10	98
BB 01370	201	202	< 0.01	8	580	28	< 2	1	7	0.03	< 10	< 10	50	< 10	64
BB 01371	201	202	< 0.01	< 1	780	72	< 2	2	32	0.01	< 10	< 10	17	< 10	100
BB 01372	201	202	< 0.01	< 1	790	88	< 2	2	55	< 0.01	< 10	30	11	< 10	96
BB 01373	201	202	< 0.01	< 1	800	412	2	1	87	< 0.01	< 10	30	5	< 10	310
BB 01374	201	202	< 0.01	< 1	780	110	< 2	4	35	0.01	< 10	20	14	< 10	132
BB 01375	201	202	< 0.01	< 1	800	180	< 2	4	47	< 0.01	< 10	10	11	10	160
BB 01376	201	202	< 0.01	< 1	850	332	2	3	42	< 0.01	< 10	10	4	< 10	388
BB 08227	201	202	< 0.01	10	850	38	6	1	10	0.04	< 10	< 10	27	< 10	70
BB 08228	201	202	0.04	< 1	940	42	< 2	< 1	10	< 0.01	< 10	30	17	< 10	56
BB 08229	201	202	< 0.01	18	1570	92	< 2	1	22	< 0.01	< 10	60	36	< 10	138
BB 08230	201	202	< 0.01	12	1150	68	< 2	1	29	0.01	< 10	140	30	< 10	110
BB 08231	201	202	< 0.01	< 1	940	42	< 2	< 1	22	< 0.01	< 10	10	13	< 10	68
BB 08232	201	202	0.01	9	800	38	2	1	42	0.03	< 10	< 10	31	< 10	74
BB 08233	201	202	< 0.01	3	840	52	< 2	1	42	0.01	< 10	< 10	22	< 10	62
BB 08234	201	202	< 0.01	2	980	84	< 2	1	58	< 0.01	< 10	< 10	19	< 10	80
BB 08235	201	202	< 0.01	5	1140	52	< 2	1	34	0.01	< 10	< 10	27	10	72
BB 08236	201	202	< 0.01	5	1000	44	2	1	27	0.01	< 10	10	23	40	76
BB 08237	201	202	< 0.01	< 1	800	62	2	< 1	28	< 0.01	< 10	< 10	7	< 10	62
BB 08238	201	202	< 0.01	< 1	840	32	< 2	< 1	7	0.02	< 10	< 10	22	< 10	62
BB 08239	201	202	< 0.01	2	940	44	< 2	1	12	0.01	< 10	< 10	19	< 10	72
BB 08240	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
BB 08241	201	202	< 0.01	11	960	52	< 2	2	23	0.02	< 10	< 10	34	< 10	102
BB 08242	201	202	< 0.01	12	560	38	< 2	1	16	0.03	< 10	< 10	43	< 10	80
BB 08243	201	202	< 0.01	13	740	36	< 2	1	16	0.05	< 10	< 10	43	< 10	74
BB 08244	201	202	< 0.01	< 1	640	28	< 2	2	6	0.04	< 10	< 10	21	< 10	46

CERTIFICATION: Stuart Bichler