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

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ASSESSMENT REPORT

describing

PROSPECTING, MAPPING, AND GEOCHEMICAL SURVEYS

on the

STICK PROPERTY

Stick 1-30 Claims YB60484-YB60513

Latitude 61°25' N; Longitude 131°14' W

NTS 105G/6

in the

WATSON LAKE MINING DISTRICT

YUKON TERRITORY

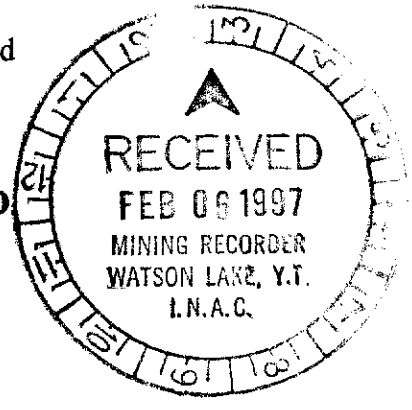
093654

Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.



A. Burgert, B.Sc.
January, 1997

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 $ 11,250.00 .

M-Burk

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

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093634

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INTRODUCTION

Expatriate Resources Ltd. has a 100% interest in the Stick 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. Thirty claims were staked in August 1995 over a series of soil sample sites that had yielded moderately to strongly anomalous lead and zinc values. Prospecting in 1973 had also located two gossans.

Field exploration was conducted during June by four-person crews and during August and September 1996 by a one-person crew working from Expatriate's base camp on Finlayson Lake. The work consisted of reconnaissance soil geochemistry, geological mapping and prospecting and was managed by Archer Cathro. The author participated in the work and Appendix I contains the Author's Statement of Qualifications.

PROPERTY, LOCATION AND ACCESS

The property is located in southeast Yukon at latitude 61°25'N and longitude 131°14'W on NTS map sheet 105G/6 (Figure 1). It comprises thirty 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*
Stick 1-30 claims	YB60484-YB60513	March 17, 2000

*Expiry date includes work done in 1996 which has been filed but not yet accepted for credit.

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 45 km southwest of the base camp and 230 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.

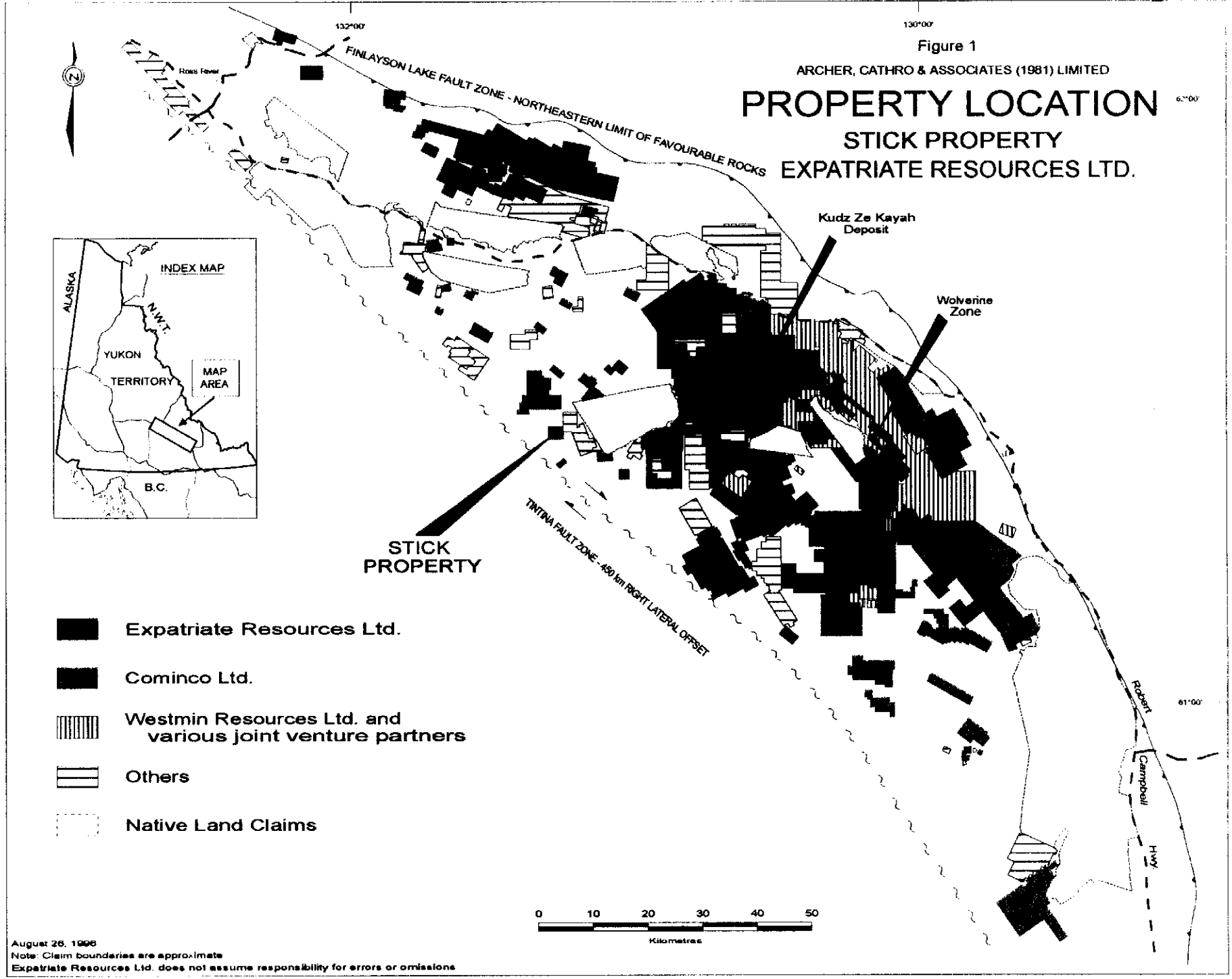
Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

STICK PROPERTY

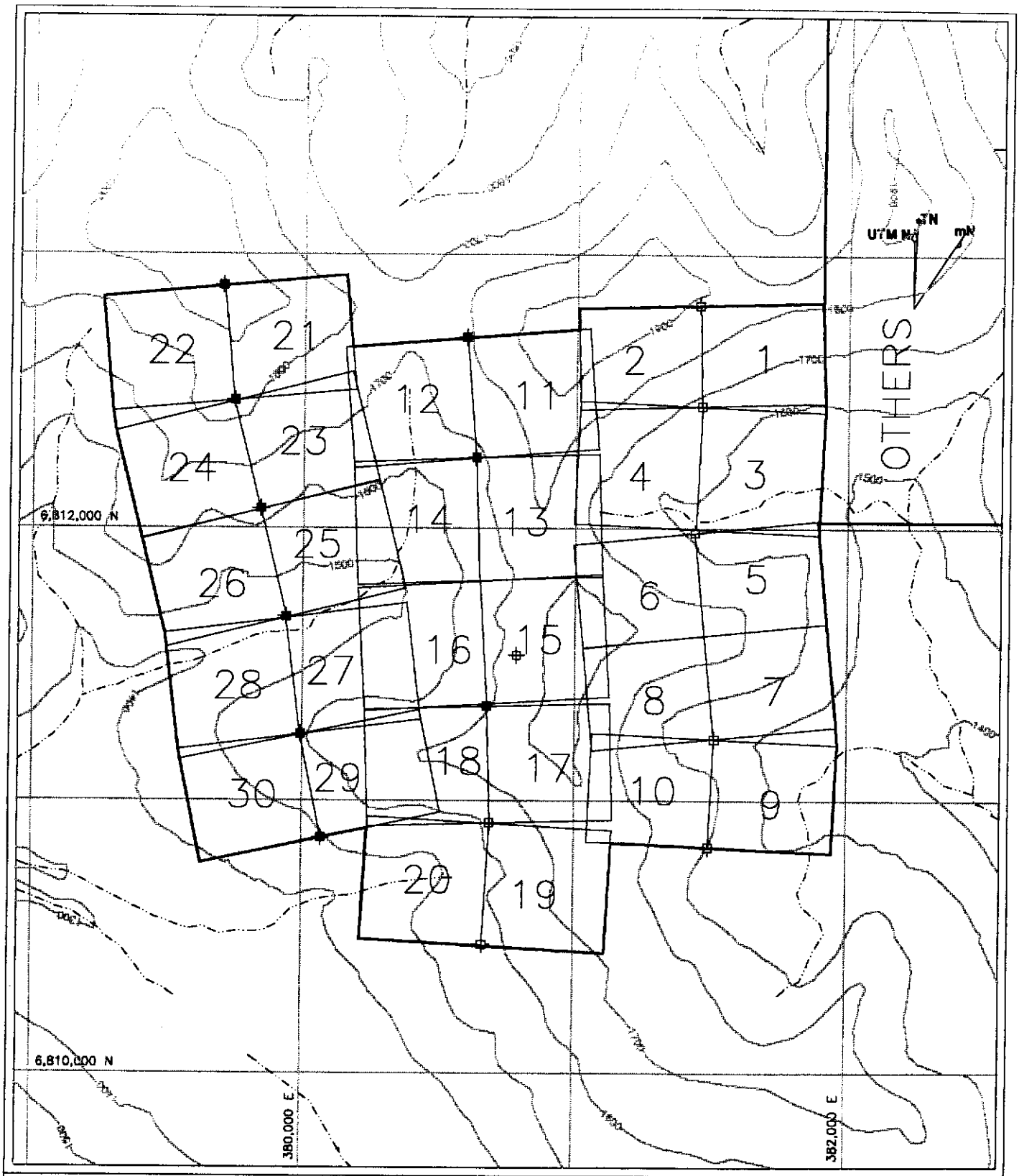
EXPATRIATE RESOURCES LTD.



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 uncorrected GPS data

Claim posts with poor GPS data; location suspect

STREAM

0 100 200 400 600 800 1000 m

FIGURE 2

Archer, Cathro & Associates (1981) Limited

CLAIM LOCATION

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

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GEOMORPHOLOGY

The Stick property covers a ridge in the Pelly Mountains about 5 km northeast of the Tintina Trench. Creeks draining the property flow southward into Hoole River, which forms a part of the Pelly River watershed.

Elevations range from 1400 m in a valley at the property's southwestern margin to 1860 m atop a ridge near the centre of the claim block. Topographic relief is moderately steep, typically 20 to 35°. 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 1550 m and eventually to scattered buckbrush, alpine grass and lichen at elevations exceeding 1700 m. Steep talus slopes are vegetated only by lichen.

In 1996 significant accumulations of snow in the vicinity of the mineralized showing persisted until mid-July.

REGIONAL GEOLOGY

The Stick property is located within the Finlayson Block, a 380 by 60 km area 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 northeastern margin of the block is the Finlayson Lake Fault Zone, a complex zone of steep and shallow faults related to transpressive suturing. The southwestern 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 Lake area was completed by the Geological Survey of Canada (GSC) 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

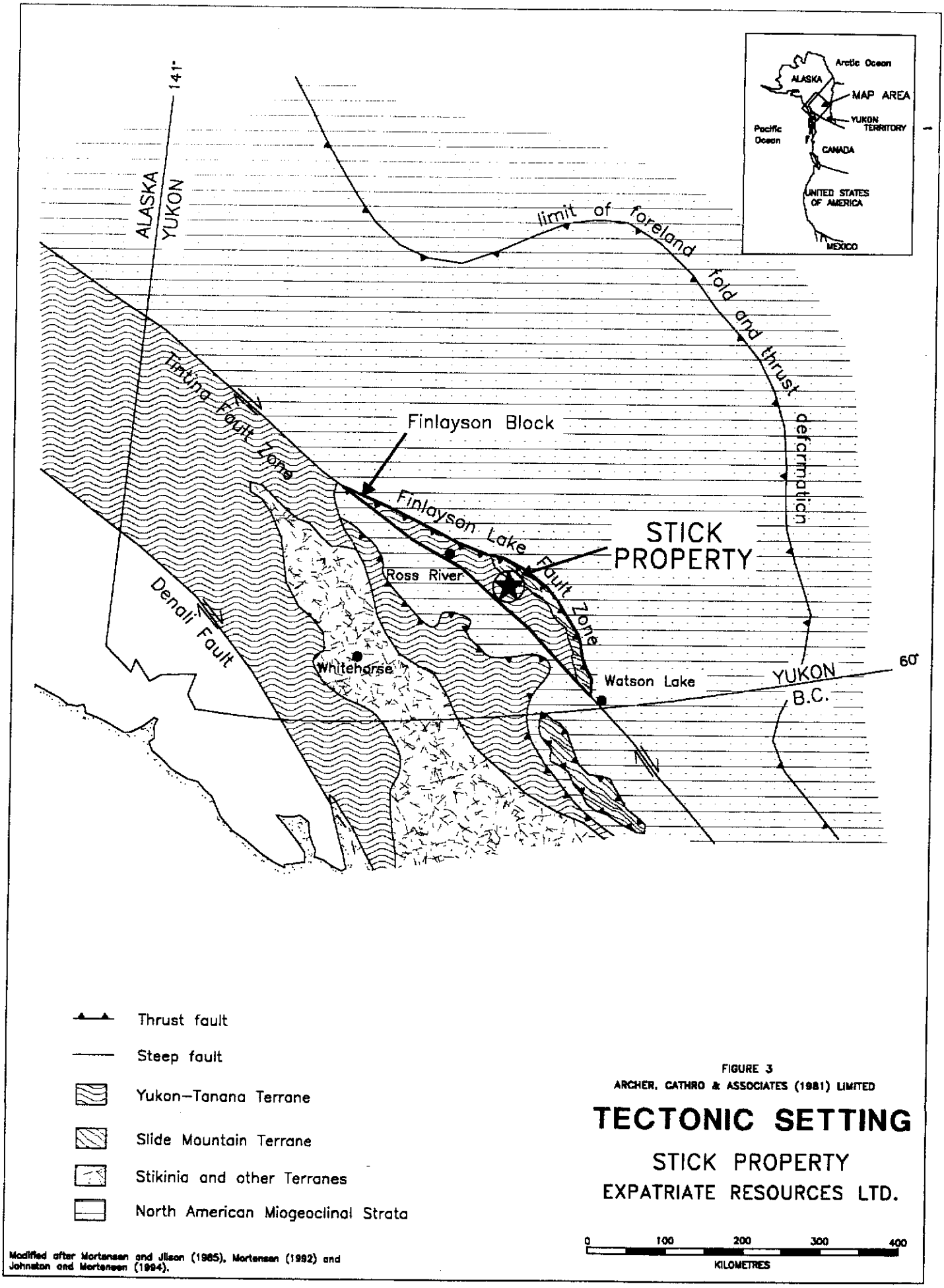


FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

STICK PROPERTY

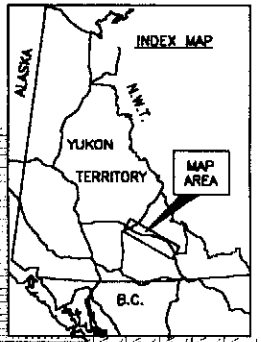
EXPATRIATE RESOURCES LTD.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

STICK PROPERTY
EXPATRIATE RESOURCES LTD.



Modified after Mortensen and Jilson (1988)

south of Finlayson Lake, large isolated outcrops of marble and quartzite which are poorly dated 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 northeastern 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 includes 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 volcanogenic massive sulphide (VMS) deposits within the Finlayson Block in the last few years (Johnston and Mortensen, 1994) has refocussed 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; Johnston and Mortensen, 1994) and the recently discovered Ice Deposit appears to be Cyprus-type. Two occurrences have definite economic potential, the Kudz Ze Kayah and Wolverine Deposits (Figure 4). These Kuroko-type 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 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 the 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 30, 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 GSC (Hornbrook and Friske, 1988; 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 Stick property was staked to protect a target selected from the Archer Cathro data. Peak values from 1973 sampling at Stick were 675 ppm copper, 260 ppm lead, 2124 ppm zinc and 39 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 (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 GSC 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 Stick property lies near the centre of a broad, subtle, horseshoe-shaped aeromagnetic high.

PROPERTY GEOLOGY AND MINERALIZATION

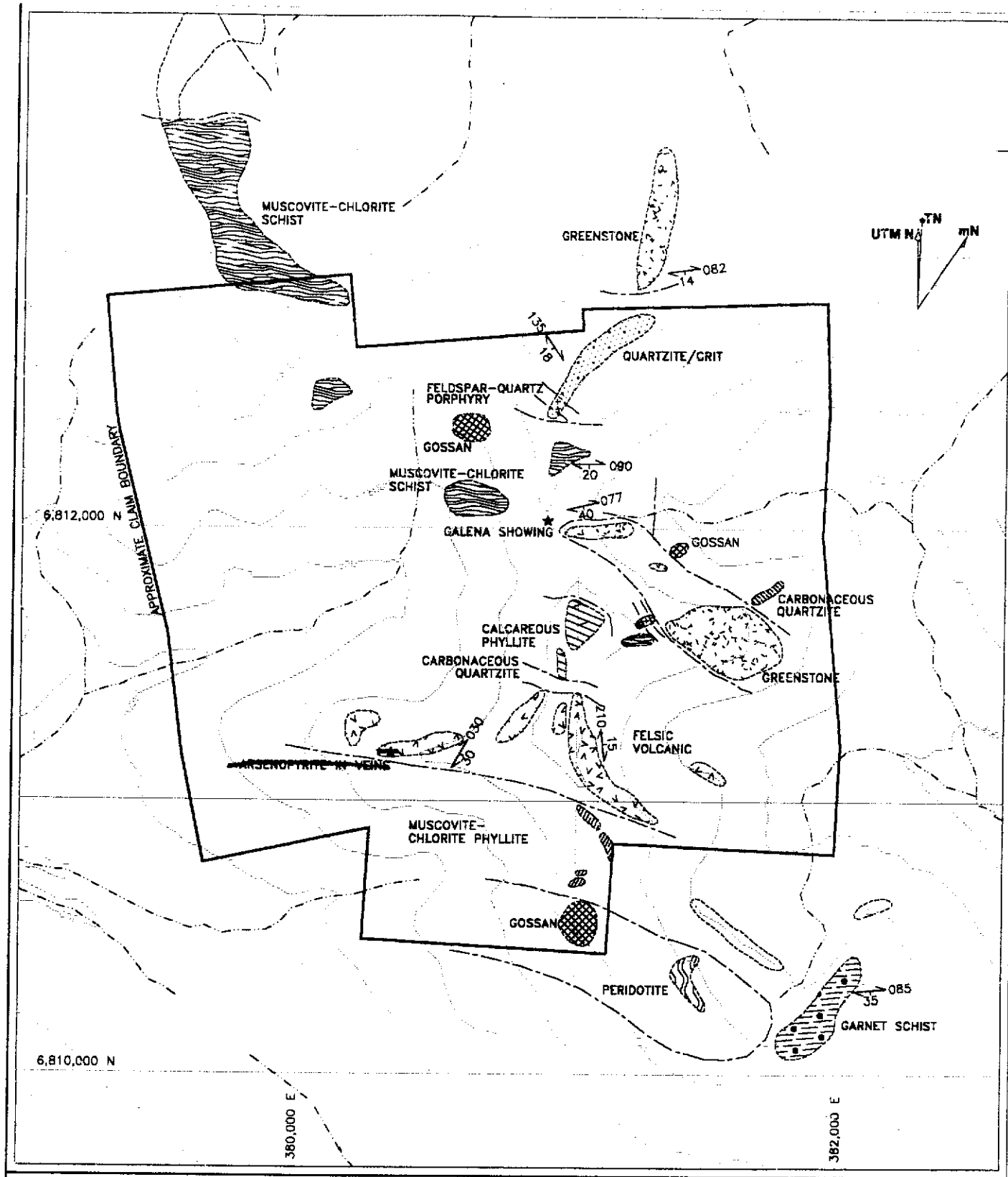
Bedrock exposure is good on north-facing slopes and along the ridge top but poor to non-existent on talus-covered hillsides. Property geology is shown on Figure 5 and described below.

Two foliations are visible in outcrop (Pigage, personal communication). Both generally trend east-west. The earlier foliation is parallel to compositional banding and dips steeply to the north or south. The later foliation forms a spaced cleavage. Measurements of north part of the property show gentle to moderate south dips, while those on the south part of the property indicate easterly dips. It is unclear how this foliation varies across the property.

Ten units have been recognized and mapped on the property. Some clearly belong to the middle unit of the Metamorphic Layered Sequence, while others are a part of the Slide Mountain Terrane and others are uncertain. All units except for a late feldspar porphyry intrusive contain the same foliations and have gone through the same deformation. Age relationships between most units are uncertain, and they are described below in the approximate order in which they occur from north to south across the property.

The rock unit encountered at the northernmost extent of the geology traverses was a carbonate-altered chloritic phyllite which has been mapped as greenstone. The extent of this unit to the north is uncertain. Locally it contains quartzite intervals bearing disseminated biotite.

Immediately south of the greenstone is a dark grey to medium grey quartzite/grit unit. These rocks are micaceous, medium crystalline and clearly exhibit spaced cleavage which is marked by muscovite-biotite laminae. Some intervals are carbonaceous. Gritty horizons bear quartz clasts of up to 5 mm in diameter. Interbanded with this unit are thin biotite schists that



GREENSTONE
QUARTZITE/GRIT
FELDSPAR-QUARTZ PORPHYRY
MUSCOVITE-CHLORITE SCHIST
CALCAREOUS PHYLLITE
FELSIC VOLCANICS
CARBONACEOUS QUARTZITE
MUSCOVITE-CHLORITE PHYLLITE
PERIDOTITE
GARNET SCHIST
STREAM
GEOLOGY BOUNDARY
OUTCROP BOUNDARY
GOSSAN
0 100 200 400 600 800 1000 m

FIGURE 5

Archer, Cathro & Associates (1981) Limited

PROPERTY GEOLOGY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

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may represent altered mafic dykes/sills. Minor sulphide disseminations form rusty brown weathering spots within the rocks.

South of the quartzite is a dull brown weathering, non-calcareous, muscovite-chlorite schist which is assumed to have been a felsic to intermediate volcanic. White feldspar phenocrysts up to 2 cm across are scattered throughout the schists. Thin intervals of bright orange weathering muscovite-quartz phyllite occur locally within the unit and are thought to have been more felsic volcanics. In one locality (380300E/6811150N) the volcanics host arsenopyrite-bearing quartz veins, two rock samples (N110347, 8) of which were submitted for ICP analysis and returned values of 7.8 and 6.0 ppm silver.

A fine-grained, dark grey feldspar-quartz porphyry intrudes the muscovite-chlorite schist and quartzite/grit units. This porphyry contains partially resorbed feldspar phenocrysts up to 5 cm long. Quartz phenocrysts up to 2 cm across are rounded and possibly resorbed as well. Fine white feldspar microlites also occur within the fine-grained matrix. The unit is massive and unfoliated.

The next unit encountered was a thinly banded, silvery grey calcareous phyllite. This unit resembles Kechika Group and weathers with a patchy white calcite surface coating. It is locally very carbonaceous, taking on a dark grey colour. A slightly calcareous siltstone horizon occurs within the phyllite. This siltstone weathers to an orange-brown colour.

South of the calcareous phyllite is a rapidly changing sequence of tan weathering calcareous phyllites, carbonate-altered felsic volcanics, and medium grey carbonaceous quartzites. No outcrop of these rocks is exposed; they were observed only in scree.

The next unit to the south was a fissile muscovite-chlorite phyllite. This unit exhibits a uniform dull orange-brown surface weathering. Locally it contains small feldspar phenocrysts and elongate lenses that are slightly calcareous. Biotite occurs as scattered grains in a matrix of chlorite and muscovite. This phyllite is likely derived from a protolith of intermediate volcanic or feldspar porphyry, and displays local skarnification with irregular patches of deep green hornblende along foliations.

South of the phyllite is an ultramafic body (Bedard, personal communication). It is composed of tough, siliceous, dark forest green peridotite that is aphyric and occasionally mottled with fine white carbonate stringers. This rock is moderately to strongly magnetic and sometimes displays fine-grained magnetite euhedra. Associated with the ultramafic unit is locally strong to pervasive quartz carbonate alteration forming a gossan which is described below.

The southernmost unit mapped is a banded and folded micaceous garnet schist. This unit weathers brownish-grey and bears anhedral to subhedral garnet porphyroblasts ranging in size from 2 mm to 2 cm. Locally garnets comprise up to 25% of the rock, but average about 10%.

Three gossans have been visited to date. The southern gossan (381000E/6810500N) is quartz-carbonate alteration of peridotite. It weathers to a rusty colour and contains blebs of mariposite and pyrite.

The northern gossan (381400E/6811900N) marks a zone of pyritic quartzite which locally bears more than 10% pyrite. The western gossan (380600E/6812200N) occurs in talus and exhibits strong rusty fracture coatings but only occasional finely disseminated inhaled pyrite. It occurs in the muscovite-chlorite schist which also hosts a galena showing.

The most significant mineral showing (380950E/6812000N) consists of two outcrops about 20 m apart of felsic volcanic horizons within the muscovite-chlorite schists. Galena occurs as disseminations along thin bands parallel to the compositional layering which appears to be nearly vertical in this locality.

PROPERTY GEOCHEMISTRY

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

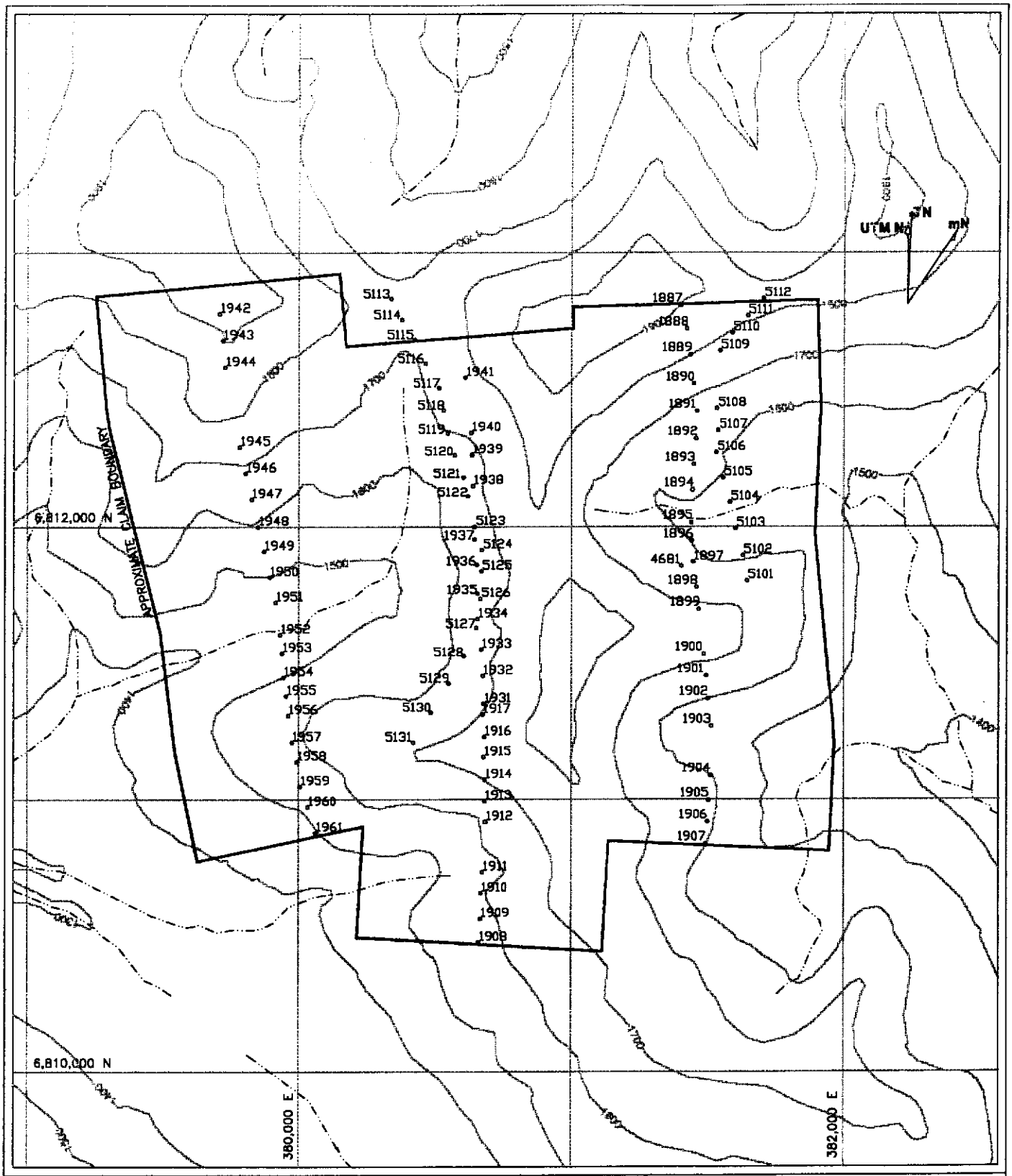
A total of 95 soil samples was taken (locations shown on Figure 6) and sent to Chemex Labs Ltd. where they were screened to -80 mesh, digested in nitric-aqua regia and geochemically analyzed for 32 elements using the Induced Coupled Plasma (ICP) technique. The samples were also analyzed for gold by atomic absorption. Certificates of Analysis appear in Appendix III. Results for seven indicator elements (copper, lead, zinc, molybdenum, silver, arsenic and gold) are plotted on Figures 7 to 13, respectively while anomalous thresholds and peak values are as follows.

ANOMALOUS THRESHOLDS AND PEAK VALUES

	Threshold Values (ppm)				
Element	Weak	Moderate	Strong	Extreme	Peak Value
Copper	50	100	NA*	NA	124
Lead	50	100	200	400	528
Zinc	200	500	1000	NA*	1215
Molybdenum	2	5	10	NA*	20
Silver	1	2	NA*	NA*	4.2
Arsenic	20	50	100	200	5000
Gold	10 ppb	20 ppb	50 ppb	100 ppb	455 ppb

*NA = not applicable

A moderate to strong multi-element anomaly was outlined beneath the galena showing near the centre of the property. Peak values obtained were 124 ppm copper, 528 ppm lead, 1215 ppm zinc and 4.2 ppm silver. The sample lines are too far apart to outline specific targets, however all



5129 sample location with number
all samples prefixed by BB

STREAM

0 100 200 400 600 800 1000 m

FIGURE 6

Archer, Cathro & Associates (1981) Limited

SAMPLE LOCATION

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

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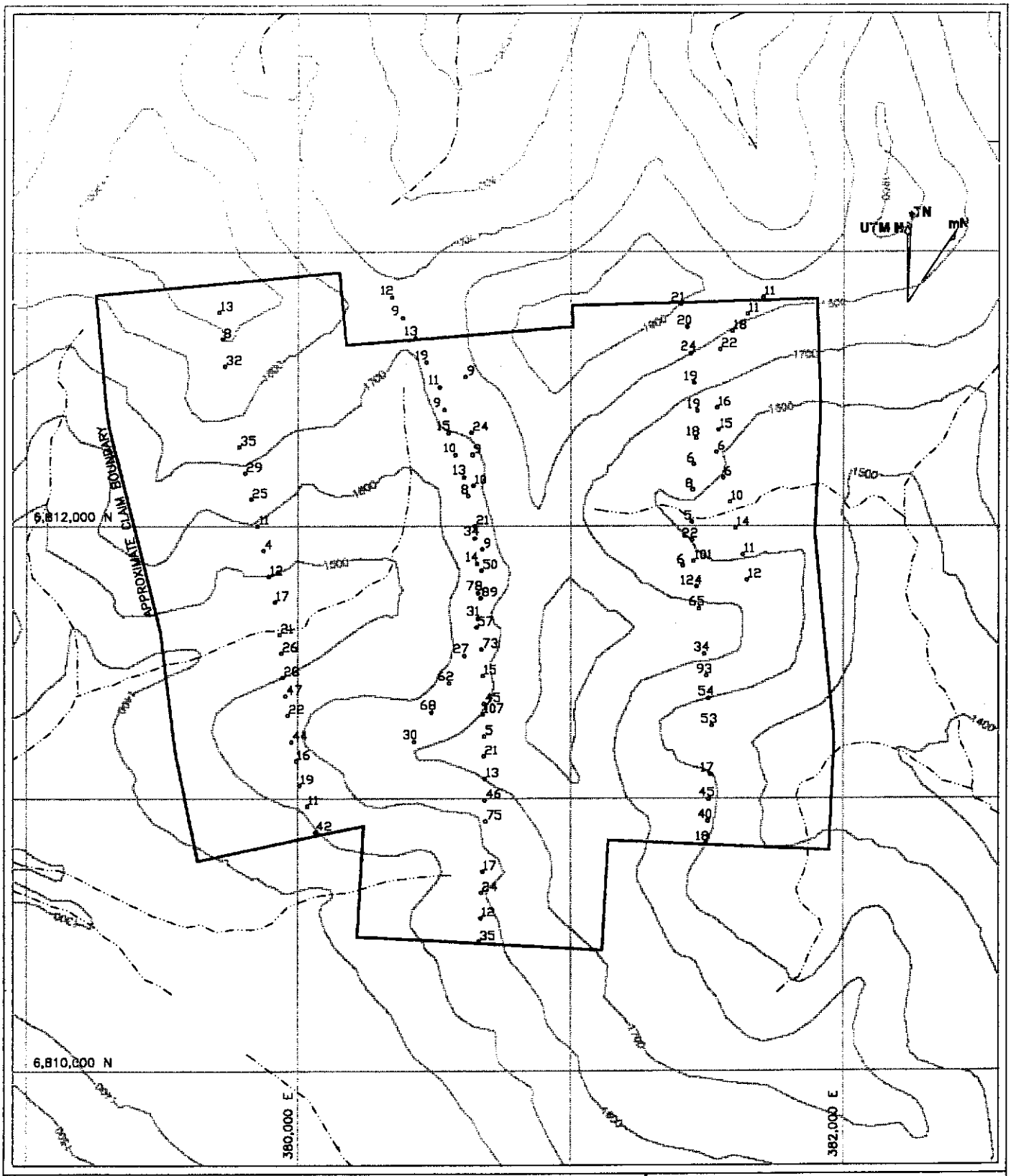


96 Sample location with copper value in ppm

Stream

0 100 200 400 600 800 1000 m

FIGURE 7

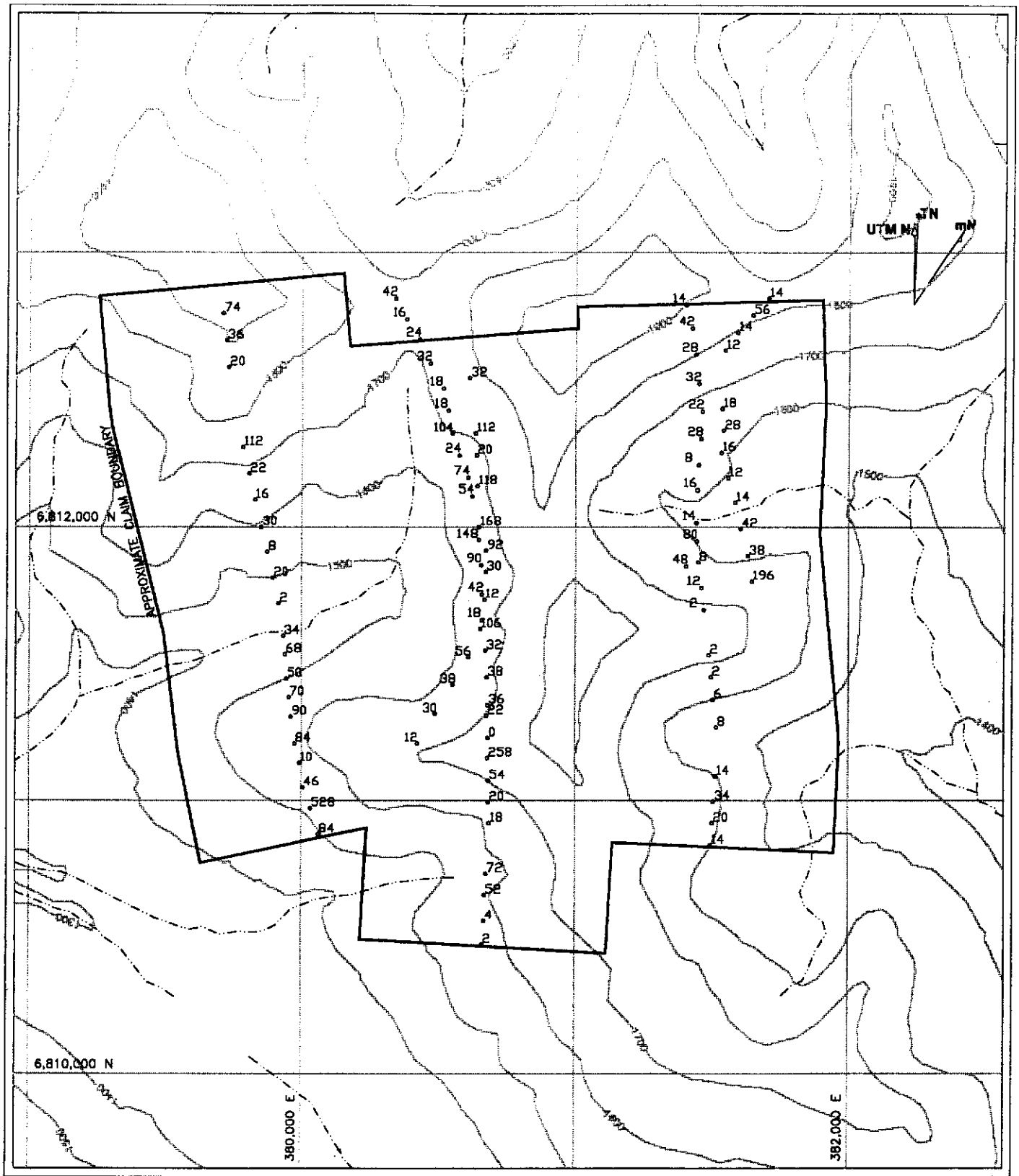
Archer, Cathro & Associates (1981) Limited

COPPER GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-CU.DWG	
DRAWN: AS	PROJ: FP	DATE: 27-NOV-86



.98 Sample location with lead value in ppm

Stream

0 100 200 400 600 800 1000 m

FIGURE 8

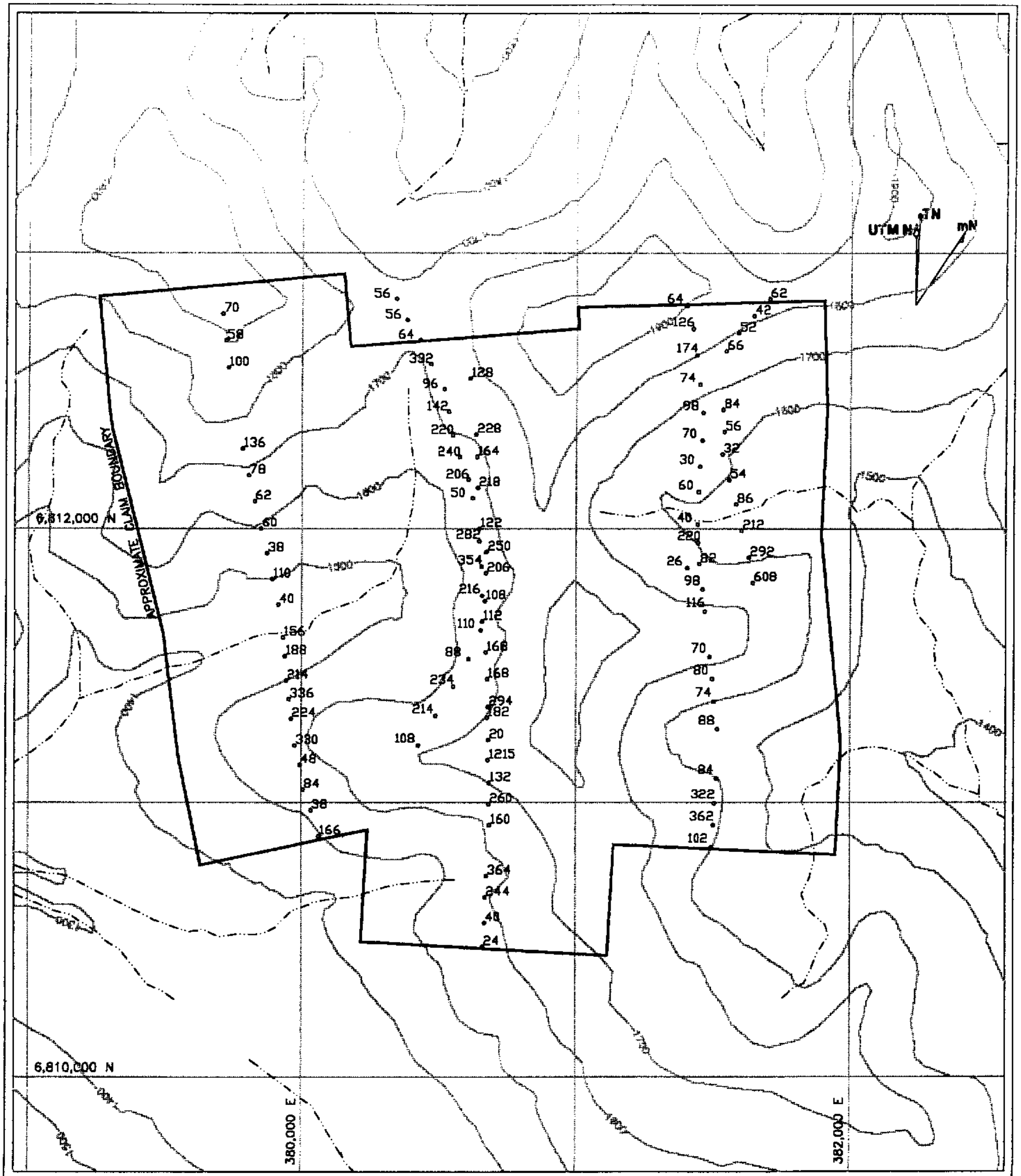
Archer, Cathro & Associates (1981) Limited

LEAD GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-PB.DWG	
DRAWN: AB	PROJ: FP	DATE: 27-NOV-86



Sample location with zinc value in ppm

Stream

0 100 200 400 600 800 1000 m

FIGURE 9

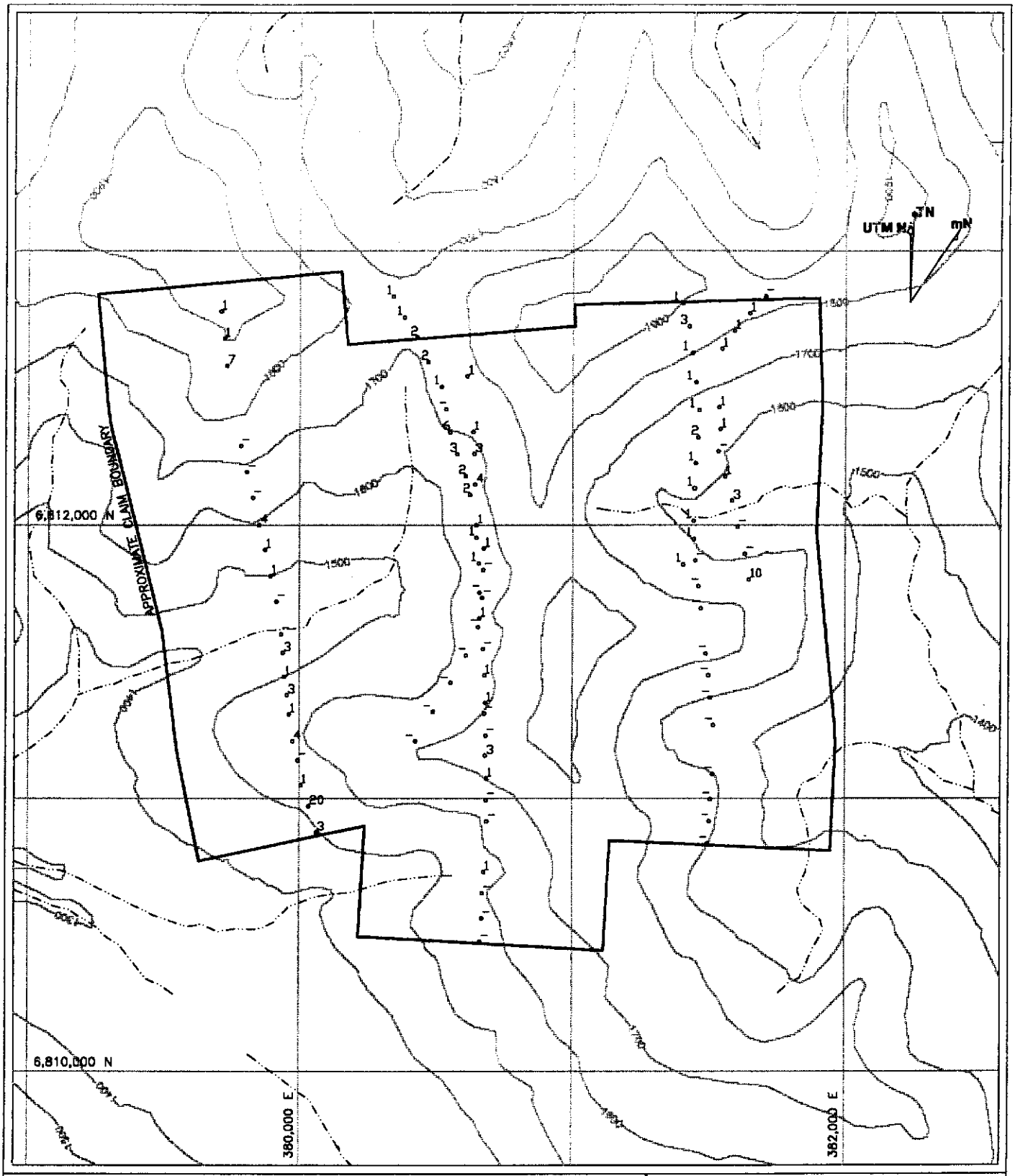
Archer, Cathro & Associates (1981) Limited

ZINC GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-ZN.DWG	
DRAWN: AB	PROJ: FP	DATE: 27-NOV-98



Sample location with molybdenum value in ppm

\- Below detection limit

Stream

FIGURE 10

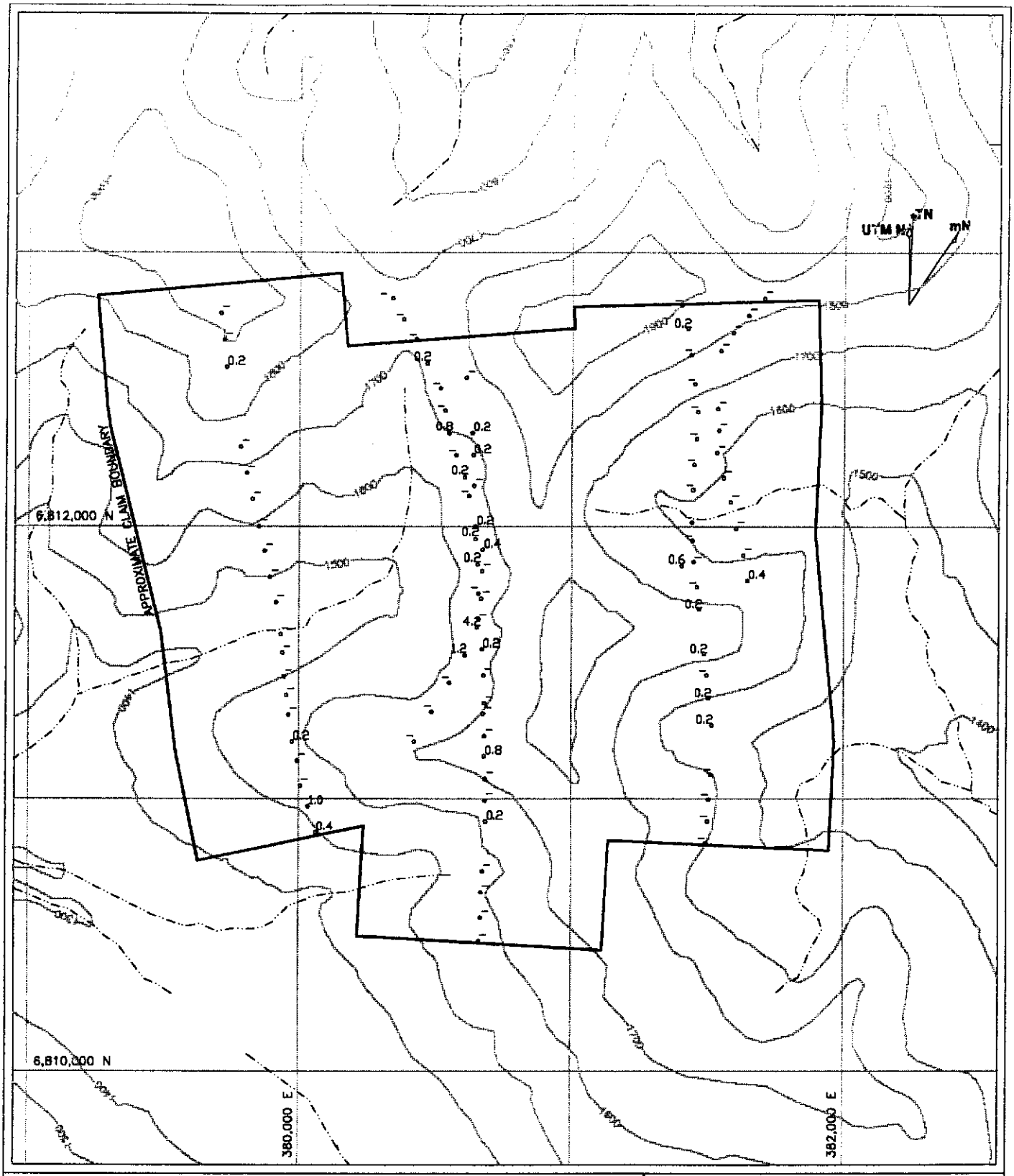
Archer, Cathro & Associates (1981) Limited

MOLYBDENUM GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-MO.DWG	
DRAWN: AB	PROJ: FP	DATE: 27-NOV-86



Stream

.98 Sample location with silver value in ppm

\- Below detection limit

0 100 200 400 600 800 1000 m

FIGURE 11

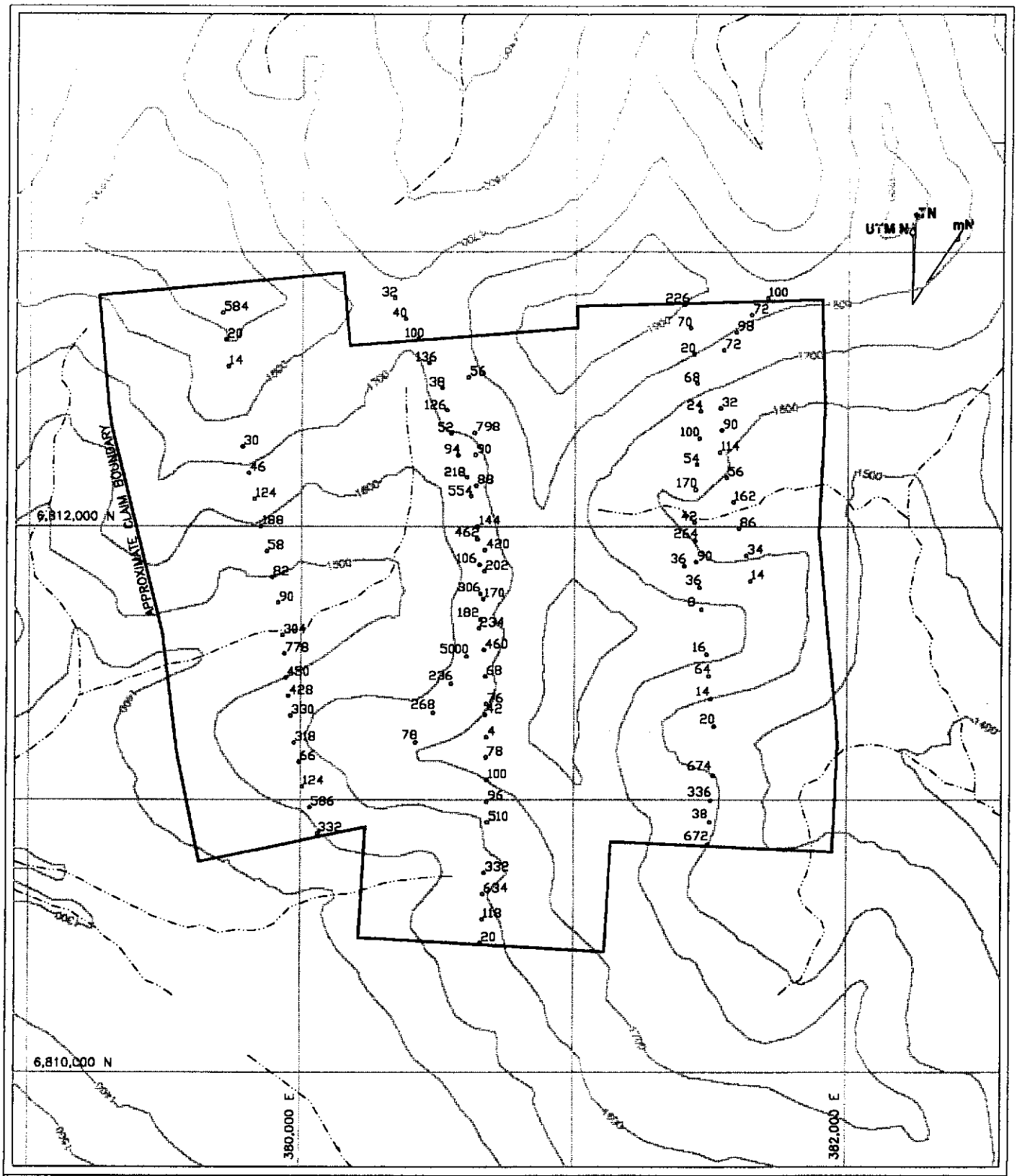
Archer, Cathro & Associates (1981) Limited

SILVER GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-AG.DWG	
DRAWN: AB	PROJ: FP	DATE: 27-NOV-86



98 Sample location with arsenic value in ppm

Stream

0 100 200 400 600 800 1000 m

FIGURE 12

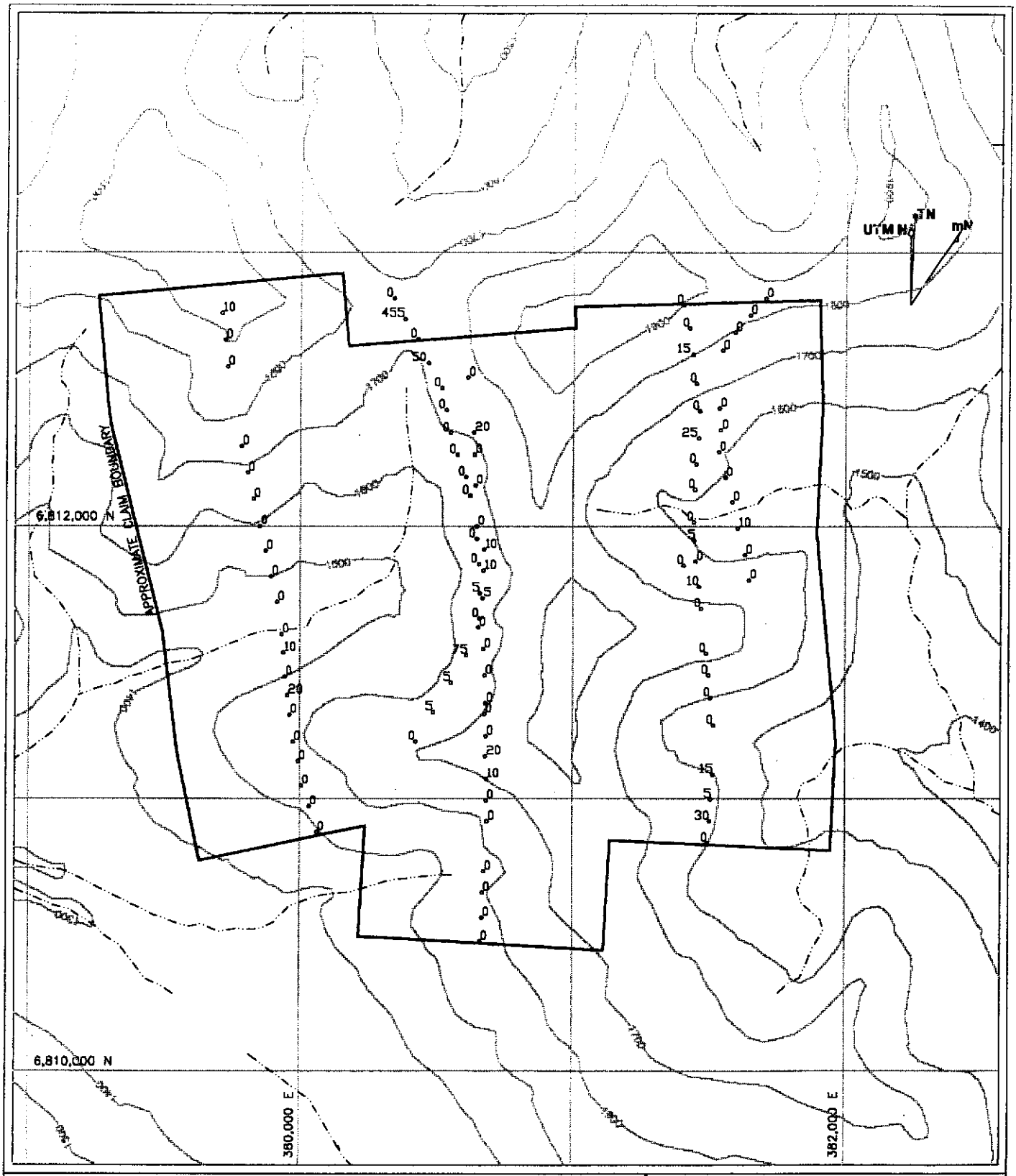
Archer, Cathro & Associates (1981) Limited

ARSENIC GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-AS.DWG	
DRAWN: AB	PROJ: FP	DATE: 27-NOV-86



25 Sample location with gold value in ppb

Stream

FIGURE 13

Archer, Cathro & Associates (1981) Limited

GOLD GEOCHEMISTRY

STICK PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:20,000	FILE : ST-AU.DWG	
DRAWN: AB	PROJ: FP	DATE: 27-NOV-86

the galena showing to the northern and western gossans. A second band of anomalous values roughly coincides with the felsic volcanic unit in the southern part of the property indicating possible continuation of the mineralized horizon.

Gold geochemistry returned numerous spot anomalies. A 455 ppb gold anomaly in a saddle near the property's northern boundary returned background values for all other metals. A 75 ppb anomaly to the south of the showings had coincident silver and arsenic values of 1.2 ppm and 5000 ppm, respectively. The entire centre part of the property exhibits unusually high arsenic backgrounds which reflect the arsenopyrite-bearing quartz veins observed.

CONCLUSIONS AND RECOMMENDATIONS

The Stick property is largely underlain by units of Yukon-Tanana Terrane that are favourable host rocks for volcanogenic massive sulphide mineralization. Prospecting has confirmed the presence of foliaform galena within one of these units. Reconnaissance soil geochemistry outlined multi-element anomalies over the mineralized unit and a second favourable unit deeper in the section.

Detailed prospecting and hand trenching is recommended in the vicinity of the known mineralization and along the geochemically anomalous trends. Grid soil geochemistry is also warranted to better define the anomalies.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A. Burgert, B.Sc.

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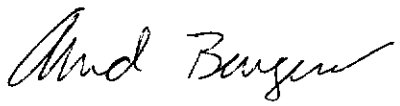
APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Arnd Burgert, geologist, with business addresses 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

Stick 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 a 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	Easting	Data Quality	Base Station	Date
Stick	1,2	-	6812812	381456	Uncorrected	DL	28-Jun-96
	3,4	1,2	6812447	381466	Uncorrected	DL	28-Jun-96
	5,6	3,4	6811979	381443	Uncorrected	DL	28-Jun-96
	7,8	5,6	-	-	N/S	-	-
	9,10	7,8	6811223	381518	Uncorrected	DL	28-Jun-96
	-	9,10	6810828	381498	Uncorrected	DL	28-Jun-96
Stick	11,12	-	6812693	380598	Standard	DL	30-Jun-96
	13,14	11,12	6812254	380635	Standard	DL	30-Jun-96
	15,16	13,14	6811531	380785	Poor	DL	30-Jun-96
	17,18	15,16	6811345	380678	Standard	DL	28-Jun-96
	19,20	17,18	6810918	380691	Uncorrected	DL	28-Jun-96
	-	19,20	6810472	380666	Uncorrected	DL	28-Jun-96
Stick	21,22	-	6812884	379700	Standard	DL	30-Jun-96
	23,24	21,22	6812462	379745	Standard	DL	30-Jun-96
	25,26	23,24	6812067	379842	Standard	DL	30-Jun-96
	27,28	25,26	6811671	379936	Standard	DL	30-Jun-96
	29,30	27,28	6811242	379992	Standard	DL	30-Jun-96
	-	29,30	6810863	380070	Standard	DL	30-Jun-96

B. Geological Stations

Claim	Station	UTM Coordinates Northing	Easting	Data Quality	Base Station	Date
Stick	MB13	6811973	381366	Standard	DL	30-Jun-96
	MB229	6811618	381353	Poor	W	18-Aug-96
	MB233	6810664	381101	Standard	W	18-Aug-96
	MB240	6810575	382051	Standard	W	18-Aug-96
	LCP96-114	6812061	380838	Standard	DL	28-Jun-96
	BB05701	6811802	381663	Standard	W	18-Aug-96
	BB05106	6812267	381527	Standard	DL	30-Jun-96
	BB05109	6812638	381532	Uncorrected	DL	30-Jun-96
	BB05112	6812851	381733	Standard	DL	30-Jun-96
	BB05113	6812846	380338	Standard	DL	30-Jun-96
	BB05117	6812499	380524	Poor	DL	30-Jun-96
	BB05124	6811919	380682	Standard	DL	30-Jun-96
	BB05127	6811629	380663	Standard	DL	30-Jun-96
	BB05131	6811203	380409	Standard	DL	30-Jun-96

Claim	Station	UTM Coordinates Northing	Easting	Data Quality	Base Station	Date
	BB05109	6812638	381532	Uncorrected	DL	30-Jun-96
	BB05112	6812851	381733	Standard	DL	30-Jun-96
	BB05113	6812846	380336	Standard	DL	30-Jun-96
	BB05117	6812499	380524	Poor	DL	30-Jun-96
	BB05124	6811919	380682	Standard	DL	30-Jun-96
	BB05127	6811629	380663	Standard	DL	30-Jun-96
	BB05131	6811203	380409	Standard	DL	30-Jun-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

To: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
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Project : STICK
Comments:

Page Number :1-A
Total Pages :1
Certificate Date: 21-SEP-96
Invoice No. :I9631833
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9631833

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BB05350	201	202	0.8	0.91	104	130	< 0.5	< 2	0.03	< 0.5	6	7	15	4.79	< 10	< 1	0.38	10	0.15	805	9

CERTIFICATION: Stuart Bichler

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P.O. Number :
Account : MPO

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BB05350	201	202	< 0.01	6	860	512	< 2	1	46	< 0.01	< 10	< 10	12	< 10	356

CERTIFICATION: Ivan Bichler

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N110348	205	226	6.0	0.21	>10000	< 10	0.5	18	< 0.01	0.5	11	22	7	>15.00	< 10	1	0.16	10	0.01	25	< 1

CERTIFICATION: Ian Bichler

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N110347	205	226	< 0.01	6	110	1510	14	< 1	111	< 0.01	< 10	< 10	4	< 10	540
N110348	205	226	< 0.01	< 1	50	1210	122	< 1	9	< 0.01	< 10	10	1	< 10	52

CERTIFICATION: Stewart Buchler

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CERTIFICATION: Mark Vonk

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BB05127	244	--	< 5
BB05128	244	--	75
BB05129	244	--	5
BB05130	244	--	5
BB05131	244	--	< 5

CERTIFICATION: [signature]

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P.O. Number :
Account :MPO

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BB 01932	202	202	< 0.2	1.49	68	140	0.5	< 2	0.25	1.0	15	36	15	3.43	< 10	< 1	0.22	30	0.70	935	1
BB 01933	202	202	0.2	2.20	460	140	0.5	< 2	0.97	< 0.5	17	72	73	4.57	< 10	1	0.20	30	1.56	685	< 1
BB 01934	202	202	< 0.2	1.48	182	140	< 0.5	< 2	0.56	< 0.5	15	50	31	3.19	< 10	< 1	0.19	20	0.82	820	1
BB 01935	202	202	< 0.2	2.84	306	180	0.5	< 2	0.76	0.5	26	102	78	5.39	< 10	< 1	0.23	50	2.29	1305	< 1
BB 01936	202	202	0.2	1.27	106	200	0.5	< 2	0.21	0.5	6	19	14	2.82	< 10	< 1	0.25	50	0.47	390	1
BB 01937	202	202	0.2	2.20	462	230	0.5	< 2	0.53	0.5	12	49	34	4.11	< 10	< 1	0.28	60	1.25	710	1
BB 01938	202	202	< 0.2	1.18	88	140	0.5	< 2	0.24	1.5	7	3	10	3.42	< 10	< 1	0.16	90	0.27	1020	4
BB 01939	202	202	0.2	0.96	90	140	< 0.5	< 2	0.85	0.5	6	5	9	3.98	< 10	< 1	0.28	10	0.18	1090	3
BB 01940	202	202	0.2	1.79	798	120	1.0	< 2	0.77	0.5	12	15	24	3.85	< 10	< 1	0.20	30	0.78	1625	1
BB 01941	202	202	< 0.2	2.21	56	220	0.5	< 2	0.36	< 0.5	15	18	9	4.71	< 10	< 1	0.36	10	0.67	830	1
BB 01942	202	202	< 0.2	1.53	584	160	0.5	< 2	0.30	< 0.5	9	11	13	3.89	< 10	< 1	0.20	40	0.45	1565	1
BB 01943	202	202	< 0.2	1.36	20	230	0.5	< 2	0.28	< 0.5	6	17	8	2.34	< 10	< 1	0.13	20	0.24	430	1
BB 01944	202	202	0.2	1.19	14	200	0.5	< 2	0.42	< 0.5	19	5	32	7.23	< 10	< 1	0.53	10	0.16	1065	7
BB 01945	202	202	< 0.2	2.12	30	190	0.5	< 2	0.41	< 0.5	23	69	35	4.36	< 10	1	0.16	30	1.12	1150	< 1
BB 01946	202	202	< 0.2	2.06	46	160	< 0.5	2	0.49	0.5	23	107	29	4.25	< 10	< 1	0.07	< 10	1.34	2620	< 1
BB 01947	202	202	< 0.2	2.00	124	130	< 0.5	< 2	0.56	< 0.5	17	89	25	3.64	< 10	1	0.06	10	1.23	880	< 1
BB 01948	202	202	< 0.2	1.19	188	240	0.5	< 2	0.22	0.5	16	35	11	2.85	< 10	< 1	0.10	10	0.30	2710	4
BB 01949	202	202	< 0.2	1.05	58	130	< 0.5	< 2	0.27	< 0.5	4	13	4	1.59	< 10	< 1	0.11	10	0.25	315	1
BB 01950	202	202	< 0.2	2.11	82	200	0.5	2	0.47	0.5	16	51	12	3.96	< 10	1	0.23	10	1.13	1525	1
BB 01951	202	202	< 0.2	0.81	90	50	< 0.5	< 2	1.34	0.5	1	3	17	0.45	< 10	< 1	0.03	< 10	0.07	215	< 1
BB 01952	202	202	< 0.2	1.45	304	100	0.5	< 2	0.62	0.5	12	34	21	3.14	< 10	1	0.26	40	0.84	880	< 1
BB 01953	202	202	< 0.2	2.03	778	140	1.5	< 2	0.31	0.5	18	50	26	4.16	< 10	< 1	0.17	30	0.93	1030	3
BB 01954	202	202	< 0.2	1.14	450	140	0.5	< 2	0.12	0.5	14	32	28	2.87	< 10	< 1	0.23	30	0.42	1130	1
BB 01955	202	202	< 0.2	1.58	428	170	0.5	< 2	0.23	1.0	17	45	47	3.68	< 10	< 1	0.21	40	0.71	945	3
BB 01956	202	202	< 0.2	1.65	330	170	0.5	< 2	0.12	< 0.5	9	42	22	3.62	< 10	< 1	0.11	20	0.53	360	1
BB 01957	202	202	0.2	1.27	318	120	< 0.5	< 2	0.13	< 0.5	17	50	44	4.56	< 10	< 1	0.13	20	0.44	1080	4
BB 01958	202	202	< 0.2	0.81	66	80	< 0.5	< 2	0.28	< 0.5	5	22	16	1.17	< 10	< 1	0.05	< 10	0.35	175	< 1
BB 01959	202	202	< 0.2	0.58	124	270	< 0.5	< 2	0.04	< 0.5	3	8	19	1.24	< 10	< 1	0.10	10	0.03	1995	1
BB 01960	202	202	1.0	0.27	586	290	< 0.5	< 2	0.01	< 0.5	< 1	5	11	1.75	< 10	< 1	0.20	10	0.01	60	20
BB 01961	202	202	0.4	1.43	332	260	< 0.5	< 2	0.08	< 0.5	6	27	42	3.41	< 10	< 1	0.14	30	0.21	360	3

CERTIFICATION: Hart Bichler

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1016 - 510 W. HASTINGS ST.
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Project : STICK
Comments:

Page Number :1-B
Total Pages :1
Certificate Date: 24-JUL-96
Invoice No. :I9624195
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9624195

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
BB 01931	202	202	< 0.01	48	780	36	2	8	30	0.04	< 10	< 10	89	< 10	294
BB 01932	202	202	< 0.01	22	1390	38	2	4	16	< 0.01	< 10	< 10	47	< 10	168
BB 01933	202	202	< 0.01	36	650	32	< 2	6	42	0.06	< 10	< 10	76	< 10	168
BB 01934	202	202	< 0.01	29	1310	18	< 2	4	23	0.02	< 10	< 10	50	< 10	112
BB 01935	202	202	< 0.01	44	690	42	< 2	10	37	0.12	< 10	< 10	99	< 10	216
BB 01936	202	202	< 0.01	13	690	90	2	3	40	0.01	< 10	< 10	26	< 10	354
BB 01937	202	202	< 0.01	22	860	148	< 2	9	64	0.01	< 10	10	52	< 10	282
BB 01938	202	202	0.02	7	1060	118	< 2	3	70	< 0.01	< 10	< 10	7	< 10	218
BB 01939	202	202	< 0.01	5	1570	20	< 2	2	50	< 0.01	< 10	10	20	< 10	164
BB 01940	202	202	< 0.01	12	730	112	< 2	5	35	< 0.01	< 10	< 10	22	< 10	228
BB 01941	202	202	< 0.01	15	1210	32	< 2	6	17	0.08	< 10	< 10	91	< 10	128
BB 01942	202	202	< 0.01	9	1080	74	< 2	3	15	0.01	< 10	10	23	< 10	70
BB 01943	202	202	< 0.01	10	710	36	2	< 1	15	0.02	< 10	10	35	< 10	58
BB 01944	202	202	0.01	12	1960	20	< 2	3	141	0.04	< 10	10	35	< 10	100
BB 01945	202	202	< 0.01	43	1010	112	< 2	6	19	0.08	< 10	< 10	83	< 10	136
BB 01946	202	202	< 0.01	29	1030	22	< 2	7	19	0.17	< 10	10	141	< 10	78
BB 01947	202	202	< 0.01	26	1300	16	< 2	5	21	0.10	< 10	< 10	100	< 10	62
BB 01948	202	202	0.03	10	2550	30	< 2	< 1	14	0.01	< 10	10	58	< 10	60
BB 01949	202	202	0.02	6	970	8	< 2	< 1	15	0.01	< 10	10	30	< 10	38
BB 01950	202	202	< 0.01	17	1200	20	< 2	4	24	0.16	< 10	< 10	108	< 10	110
BB 01951	202	202	0.09	4	920	2	< 2	< 1	55	0.01	< 10	< 10	10	< 10	40
BB 01952	202	202	< 0.01	20	1030	34	< 2	4	32	0.04	< 10	< 10	36	< 10	156
BB 01953	202	202	< 0.01	34	1500	68	2	5	26	0.01	< 10	10	58	< 10	188
BB 01954	202	202	0.01	28	1070	50	2	1	15	< 0.01	< 10	< 10	29	< 10	214
BB 01955	202	202	< 0.01	48	1050	70	2	4	28	0.03	< 10	10	40	< 10	336
BB 01956	202	202	< 0.01	30	700	90	< 2	2	17	0.01	< 10	< 10	39	< 10	224
BB 01957	202	202	< 0.01	59	1070	84	< 2	2	10	< 0.01	< 10	< 10	33	< 10	330
BB 01958	202	202	0.07	11	490	10	2	2	12	0.03	< 10	< 10	25	< 10	48
BB 01959	202	202	0.03	8	680	46	2	< 1	14	< 0.01	< 10	< 10	18	< 10	84
BB 01960	202	202	0.01	4	440	528	2	< 1	33	< 0.01	< 10	< 10	6	< 10	38
BB 01961	202	202	< 0.01	23	540	84	< 2	3	19	0.03	< 10	< 10	48	< 10	166

CERTIFICATION: Hart Bichler

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Project : STICK
Comments: ATTN: AL ARCHER

Page [redacted]er : 1-A
Total P[redacted]es : 2
Certificate Date: 16-JUL-96
Invoice No. : I9623480
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9623480

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
BB04681	201	202	0.6	0.14	36	160	< 0.5	< 2	< 0.01	< 0.5	1	< 1	6	9.13	< 10	< 1	1.11	< 10	< 0.01	10	1
BB01887	201	202	< 0.2	1.02	226	110	0.5	< 2	0.44	< 0.5	11	16	21	2.93	< 10	< 1	0.18	10	0.35	640	1
BB01888	201	202	0.2	1.10	70	290	0.5	< 2	0.68	0.5	10	12	20	2.25	< 10	< 1	0.18	40	0.24	790	3
BB01889	201	202	< 0.2	1.16	20	160	0.5	< 2	0.97	1.0	10	14	24	2.75	< 10	< 1	0.26	20	0.49	645	1
BB01890	201	202	< 0.2	1.31	68	110	0.5	< 2	0.20	< 0.5	13	13	19	3.73	< 10	< 1	0.26	30	0.40	680	1
BB01891	201	202	< 0.2	1.29	24	140	0.5	< 2	0.15	0.5	11	15	19	3.35	< 10	< 1	0.20	20	0.46	760	1
BB01892	201	202	< 0.2	1.03	100	60	0.5	< 2	0.37	< 0.5	9	7	18	2.48	< 10	< 1	0.21	30	0.48	600	2
BB01893	201	202	< 0.2	1.65	54	130	0.5	< 2	0.08	< 0.5	6	10	6	2.84	< 10	< 1	0.17	40	0.31	590	1
BB01894	201	202	< 0.2	1.66	170	90	0.5	< 2	0.07	< 0.5	12	14	8	5.02	< 10	< 1	0.19	40	0.47	1075	1
BB01895	201	202	< 0.2	1.18	42	90	0.5	< 2	0.10	< 0.5	7	6	5	2.96	< 10	< 1	0.21	50	0.29	760	1
BB01896	201	202	< 0.2	1.66	264	220	0.5	< 2	0.22	0.5	13	30	22	3.66	< 10	< 1	0.16	40	0.78	910	1
BB01897	201	202	< 0.2	2.92	90	120	< 0.5	< 2	0.66	0.5	25	126	101	4.60	< 10	< 1	0.11	< 10	2.69	985	< 1
BB01898	201	202	< 0.2	4.25	36	80	< 0.5	< 2	0.54	0.5	43	265	124	6.65	< 10	< 1	0.02	< 10	4.39	1265	< 1
BB01899	201	202	0.2	3.48	8	160	0.5	< 2	0.53	0.5	33	151	65	6.34	< 10	< 1	0.17	< 10	3.17	1315	< 1
BB01900	201	202	0.2	1.65	16	130	< 0.5	< 2	0.34	0.5	18	88	34	3.57	< 10	< 1	0.07	< 10	1.28	850	< 1
BB01901	201	202	< 0.2	2.87	64	310	0.5	< 2	1.14	0.5	32	135	93	4.87	< 10	< 1	0.16	< 10	2.59	1680	< 1
BB01902	201	202	0.2	2.28	14	130	0.5	< 2	0.20	0.5	25	113	54	4.39	< 10	< 1	0.10	< 10	1.50	1435	< 1
BB01903	201	202	0.2	2.58	20	160	0.5	< 2	0.32	0.5	30	143	53	5.11	< 10	< 1	0.10	< 10	1.93	1260	< 1
BB01904	201	202	< 0.2	1.52	674	240	0.5	< 2	0.24	< 0.5	11	85	17	3.59	< 10	< 1	0.13	20	0.45	720	< 1
BB01905	201	202	< 0.2	3.35	336	160	1.5	2	0.70	1.5	22	81	45	4.64	10	< 1	0.16	20	1.77	860	< 1
BB01906	201	202	< 0.2	2.75	38	200	0.5	< 2	0.36	1.5	18	66	40	4.34	10	< 1	0.28	20	1.35	800	< 1
BB01907	201	202	< 0.2	1.85	672	150	0.5	< 2	0.13	< 0.5	8	48	18	2.80	< 10	< 1	0.09	20	0.59	380	< 1
BB01908	201	202	< 0.2	2.20	20	50	< 0.5	< 2	0.44	0.5	28	396	35	2.48	< 10	< 1	0.02	< 10	5.42	340	< 1
BB01909	201	202	< 0.2	0.95	118	210	< 0.5	< 2	0.30	0.5	26	297	12	3.32	< 10	< 1	0.04	< 10	1.58	375	< 1
BB01910	201	202	< 0.2	1.53	634	280	0.5	< 2	0.31	0.5	13	79	24	3.67	< 10	< 1	0.09	60	0.82	395	< 1
BB01911	201	202	< 0.2	0.97	332	130	0.5	< 2	0.18	1.5	11	50	17	3.19	< 10	< 1	0.15	70	0.57	610	1
BB01912	201	202	0.2	1.87	510	170	0.5	< 2	0.36	2.0	15	56	75	3.69	< 10	< 1	0.14	20	0.84	590	< 1
BB01913	201	202	< 0.2	2.25	96	200	0.5	< 2	0.42	1.5	18	71	46	3.99	< 10	< 1	0.18	40	1.13	640	< 1
BB01914	201	202	< 0.2	1.09	100	130	0.5	< 2	0.13	0.5	6	15	13	2.37	< 10	< 1	0.24	60	0.23	535	1
BB01915	201	202	0.8	1.01	78	170	0.5	< 2	0.33	6.0	9	10	21	3.70	< 10	< 1	0.21	60	0.20	845	3
BB01916	201	202	< 0.2	0.35	4	30	< 0.5	< 2	0.14	< 0.5	3	5	5	1.15	< 10	< 1	0.02	< 10	0.07	80	< 1
BB01917	201	202	< 0.2	3.05	42	270	0.5	< 2	0.49	1.5	35	111	107	6.10	< 10	< 1	0.16	30	2.43	2300	< 1
BB05101	201	202	0.4	0.45	14	820	< 0.5	< 2	< 0.01	< 0.5	2	1	12	4.39	< 10	1	0.10	10	0.03	30	10
BB05102	201	202	< 0.2	0.95	34	200	0.5	< 2	0.25	1.5	8	2	11	3.15	< 10	< 1	0.17	50	0.25	1680	< 1
BB05103	201	202	< 0.2	1.12	86	130	0.5	< 2	0.30	1.5	8	6	14	3.35	< 10	< 1	0.20	50	0.27	1470	< 1
BB05104	201	202	< 0.2	1.45	162	170	0.5	< 2	0.56	< 0.5	6	14	10	2.83	< 10	< 1	0.14	30	0.34	595	3
BB05105	201	202	< 0.2	1.44	56	120	0.5	< 2	0.06	< 0.5	7	5	6	4.06	< 10	< 1	0.19	40	0.32	1130	1
BB05106	201	202	< 0.2	1.79	114	210	1.0	< 2	0.29	< 0.5	8	8	6	3.48	< 10	< 1	0.20	60	0.44	705	< 1
BB05107	201	202	< 0.2	0.85	90	50	0.5	< 2	0.41	< 0.5	8	7	15	2.33	< 10	< 1	0.16	30	0.39	425	1
BB05108	201	202	< 0.2	1.29	32	110	0.5	< 2	0.07	< 0.5	9	14	16	2.79	< 10	< 1	0.18	20	0.28	720	1

CERTIFICATION: Stuart Buchler

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Total P[redacted]es : 2
Certificate Date: 16-JUL-96
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CERTIFICATE OF ANALYSIS A9623480

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
BB04681	201	202	0.01	< 1	1190	48	< 2	1	36	< 0.01	< 10	< 10	7	< 10	26
BB01887	201	202	< 0.01	16	1050	14	< 2	2	16	0.01	< 10	< 10	41	< 10	64
BB01888	201	202	< 0.01	19	1670	42	< 2	2	40	< 0.01	< 10	< 10	18	< 10	126
BB01889	201	202	< 0.01	18	1560	28	< 2	3	44	0.01	< 10	< 10	44	< 10	174
BB01890	201	202	< 0.01	15	1380	32	< 2	4	19	< 0.01	< 10	< 10	39	< 10	74
BB01891	201	202	< 0.01	12	1390	22	< 2	1	14	< 0.01	< 10	< 10	39	< 10	98
BB01892	201	202	< 0.01	12	990	28	< 2	3	17	< 0.01	< 10	< 10	27	< 10	70
BB01893	201	202	< 0.01	4	900	8	< 2	2	8	< 0.01	< 10	< 10	26	< 10	30
BB01894	201	202	< 0.01	8	940	16	< 2	3	8	0.01	< 10	< 10	38	< 10	60
BB01895	201	202	< 0.01	4	850	14	< 2	2	7	< 0.01	< 10	< 10	17	< 10	40
BB01896	201	202	< 0.01	17	710	80	< 2	5	20	< 0.01	< 10	< 10	34	< 10	220
BB01897	201	202	0.01	44	610	8	< 2	9	17	0.18	< 10	< 10	132	< 10	82
BB01898	201	202	< 0.01	73	480	12	< 2	9	14	0.25	< 10	< 10	156	< 10	98
BB01899	201	202	< 0.01	47	690	2	< 2	18	15	0.25	< 10	< 10	227	< 10	116
BB01900	201	202	< 0.01	30	980	2	< 2	6	12	0.10	< 10	< 10	104	< 10	70
BB01901	201	202	< 0.01	55	660	2	< 2	17	26	0.10	< 10	< 10	116	< 10	80
BB01902	201	202	< 0.01	43	840	6	< 2	5	12	0.09	< 10	< 10	117	< 10	74
BB01903	201	202	< 0.01	57	900	8	< 2	8	14	0.10	< 10	< 10	126	< 10	88
BB01904	201	202	0.01	23	750	14	< 2	3	14	0.03	< 10	< 10	52	< 10	84
BB01905	201	202	< 0.01	50	940	34	< 2	7	28	0.11	< 10	< 10	87	< 10	322
BB01906	201	202	< 0.01	48	940	20	< 2	7	21	0.07	< 10	< 10	72	< 10	362
BB01907	201	202	< 0.01	24	950	14	< 2	1	11	< 0.01	< 10	< 10	46	< 10	102
BB01908	201	202	< 0.01	521	270	2	< 2	10	16	0.01	< 10	< 10	51	< 10	24
BB01909	201	202	0.01	455	920	4	< 2	4	19	0.01	< 10	< 10	32	< 10	40
BB01910	201	202	< 0.01	93	900	52	< 2	5	18	< 0.01	< 10	< 10	35	< 10	244
BB01911	201	202	< 0.01	65	890	72	< 2	4	19	< 0.01	< 10	< 10	16	< 10	364
BB01912	201	202	0.01	42	1090	18	< 2	1	22	0.01	< 10	< 10	46	< 10	160
BB01913	201	202	< 0.01	59	1080	20	< 2	6	24	0.02	< 10	< 10	58	< 10	260
BB01914	201	202	< 0.01	11	680	54	< 2	1	14	< 0.01	< 10	< 10	17	< 10	132
BB01915	201	202	< 0.01	13	1080	258	< 2	3	73	< 0.01	< 10	< 10	17	< 10	1215
BB01916	201	202	0.06	1	400	< 2	< 2	< 1	8	0.06	< 10	< 10	41	< 10	20
BB01917	201	202	< 0.01	73	570	22	< 2	17	33	0.10	< 10	< 10	129	< 10	182
BB05101	201	202	< 0.01	1	370	196	< 2	1	7	< 0.01	< 10	< 10	1	< 10	608
BB05102	201	202	< 0.01	5	650	38	< 2	4	16	< 0.01	< 10	< 10	11	< 10	292
BB05103	201	202	0.01	7	910	42	< 2	4	14	0.01	< 10	< 10	18	< 10	212
BB05104	201	202	< 0.01	7	930	14	< 2	1	27	< 0.01	< 10	< 10	29	< 10	86
BB05105	201	202	< 0.01	3	990	12	< 2	1	7	< 0.01	< 10	< 10	16	< 10	54
BB05106	201	202	< 0.01	5	650	16	< 2	3	13	< 0.01	< 10	< 10	24	< 10	32
BB05107	201	202	< 0.01	9	1310	28	< 2	3	20	< 0.01	< 10	< 10	21	< 10	56
BB05108	201	202	0.01	8	890	18	< 2	1	9	0.01	< 10	< 10	50	< 10	84

CERTIFICATION: Stewart Buchler

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212 Brooksbank Ave., North Vancouver
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[redacted]: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : STICK
Comments: ATTN: AL ARCHER

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Total Pages :2
Certificate Date: 16-JUL-96
Invoice No. :19623480
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9623480

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
BB05109	201	202	< 0.2	1.39	72	100	0.5	< 2	0.25	< 0.5	12	22	22	3.68	< 10	< 1	0.21	10	0.44	700	1
BB05110	201	202	< 0.2	1.53	98	150	0.5	< 2	0.89	< 0.5	16	18	18	4.11	< 10	< 1	0.21	20	0.47	1210	1
BB05111	201	202	< 0.2	1.55	72	100	0.5	< 2	0.19	< 0.5	11	19	11	4.02	< 10	< 1	0.19	10	0.50	500	1
BB05112	201	202	< 0.2	1.79	100	80	0.5	< 2	0.21	0.5	15	26	11	4.67	< 10	< 1	0.23	10	0.77	570	< 1
BB05113	201	202	< 0.2	1.10	32	60	0.5	< 2	0.06	< 0.5	6	8	12	2.78	< 10	< 1	0.17	20	0.21	435	1
BB05114	201	202	< 0.2	1.34	40	60	0.5	< 2	0.33	< 0.5	6	6	9	2.56	< 10	< 1	0.19	30	0.60	655	1
BB05115	201	202	< 0.2	0.90	100	130	0.5	< 2	0.13	< 0.5	7	3	13	3.89	< 10	1	0.26	30	0.16	1890	2
BB05116	201	202	0.2	1.89	136	180	1.5	< 2	0.39	1.5	22	7	19	6.44	< 10	< 1	0.29	30	0.58	3330	2
BB05117	201	202	< 0.2	1.36	38	80	< 0.5	< 2	0.15	0.5	9	24	11	4.16	< 10	< 1	0.13	10	0.43	485	1
BB05118	201	202	< 0.2	1.19	126	60	< 0.5	< 2	0.21	0.5	7	8	9	3.14	< 10	< 1	0.14	20	0.38	650	< 1
BB05119	201	202	0.8	0.47	52	180	< 0.5	< 2	< 0.01	< 0.5	3	< 1	15	5.18	< 10	< 1	0.47	10	0.04	150	6
BB05120	201	202	< 0.2	1.28	94	130	0.5	< 2	0.36	0.5	8	7	10	4.63	< 10	< 1	0.22	30	0.29	1100	3
BB05121	201	202	0.2	0.88	218	130	0.5	< 2	0.31	1.5	8	1	13	3.73	< 10	< 1	0.23	60	0.21	885	2
BB05122	201	202	< 0.2	0.87	554	240	0.5	< 2	0.10	< 0.5	5	6	8	2.66	< 10	< 1	0.23	20	0.08	515	2
BB05123	201	202	0.2	1.06	144	290	0.5	< 2	0.26	0.5	10	24	21	3.10	< 10	< 1	0.21	20	0.49	660	1
BB05124	201	202	0.4	1.05	420	330	0.5	< 2	0.32	0.5	7	6	9	2.72	< 10	< 1	0.28	30	0.22	660	1
BB05125	201	202	< 0.2	1.89	202	150	0.5	< 2	0.73	1.0	16	49	50	4.54	< 10	< 1	0.16	40	1.24	530	< 1
BB05126	201	202	< 0.2	2.78	170	140	0.5	< 2	0.65	0.5	28	130	89	5.09	< 10	< 1	0.18	10	2.38	1010	< 1
BB05127	201	202	4.2	2.04	234	60	< 0.5	4	0.49	0.5	23	93	57	4.13	< 10	< 1	0.14	10	1.87	750	< 1
BB05128	201	202	1.2	1.51	5000	90	2.0	2	0.53	0.5	20	16	27	5.38	< 10	< 1	0.21	30	0.73	1690	< 1
BB05129	201	202	< 0.2	2.38	236	200	0.5	< 2	0.46	0.5	22	74	62	4.73	< 10	< 1	0.15	20	1.60	860	< 1
BB05130	201	202	< 0.2	1.93	268	150	0.5	< 2	0.56	1.0	33	89	68	5.30	< 10	< 1	0.22	20	1.32	1460	< 1
BB05131	201	202	< 0.2	2.51	78	190	0.5	< 2	0.28	0.5	24	131	30	3.67	< 10	< 1	0.16	< 10	1.17	475	< 1

CERTIFICATION: [signature]

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Project : STICK
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Total Pages :2
Certificate Date: 16-JUL-96
Invoice No. :I9623480
P.O. Number :
Account :MPO

CERTIFICATE OF ANALYSIS A9623480

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
BB05109	201	202	< 0.01	9	1290	12	< 2	1	13	0.02	< 10	< 10	83	< 10	66
BB05110	201	202	< 0.01	13	1720	14	< 2	5	30	0.01	< 10	< 10	59	< 10	52
BB05111	201	202	< 0.01	8	1010	56	< 2	2	11	0.03	< 10	< 10	72	< 10	42
BB05112	201	202	< 0.01	10	1110	14	< 2	5	10	0.06	< 10	< 10	110	< 10	62
BB05113	201	202	< 0.01	6	730	42	< 2	1	5	< 0.01	< 10	< 10	14	< 10	56
BB05114	201	202	< 0.01	6	590	16	< 2	2	17	< 0.01	< 10	< 10	12	< 10	56
BB05115	201	202	< 0.01	3	1120	24	< 2	3	25	< 0.01	< 10	< 10	16	< 10	64
BB05116	201	202	< 0.01	9	1250	32	< 2	12	77	< 0.01	< 10	< 10	39	< 10	332
BB05117	201	202	< 0.01	14	700	18	< 2	3	19	0.05	< 10	< 10	42	< 10	96
BB05118	201	202	< 0.01	7	950	18	< 2	3	14	< 0.01	< 10	< 10	19	< 10	142
BB05119	201	202	< 0.01	1	730	104	< 2	1	65	< 0.01	< 10	< 10	5	< 10	220
BB05120	201	202	< 0.01	6	940	24	< 2	6	32	< 0.01	< 10	< 10	22	< 10	240
BB05121	201	202	0.02	5	1110	74	< 2	3	65	< 0.01	< 10	< 10	7	< 10	206
BB05122	201	202	< 0.01	4	1090	54	< 2	1	37	< 0.01	< 10	< 10	12	< 10	50
BB05123	201	202	< 0.01	13	710	168	< 2	5	40	< 0.01	< 10	< 10	24	< 10	122
BB05124	201	202	< 0.01	6	740	92	< 2	2	51	< 0.01	< 10	< 10	10	< 10	250
BB05125	201	202	< 0.01	27	710	30	< 2	9	46	0.04	< 10	< 10	58	< 10	206
BB05126	201	202	< 0.01	48	610	12	< 2	11	21	0.19	< 10	< 10	120	< 10	108
BB05127	201	202	< 0.01	35	810	106	< 2	6	18	0.10	< 10	< 10	90	< 10	110
BB05128	201	202	< 0.01	15	1120	56	< 2	7	31	0.01	< 10	< 10	42	< 10	88
BB05129	201	202	< 0.01	48	730	38	< 2	8	25	0.04	< 10	< 10	89	< 10	234
BB05130	201	202	< 0.01	94	1460	30	< 2	9	25	0.05	< 10	< 10	68	< 10	214
BB05131	201	202	< 0.01	63	740	12	< 2	6	16	0.11	< 10	< 10	94	< 10	108

CERTIFICATION: Stewart Buchan

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To: EXPATRIATE RESOURCES LTD.
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Total Pages :1
Certificate Date: 16-JUL-96
Invoice No. :I9623479
P.O. Number :V
Account :MPO

CERTIFICATE OF ANALYSIS A9623479

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
N110310	205	226	-----	20.0	1.59	212	730	0.5	38	0.03	1.0	2	185	4	2.53	< 10	< 1	0.49	10	< 0.01	15
N110311	205	226	-----	0.6	0.03	24	40	< 0.5	< 2	< 0.01	< 0.5	2	75	1	4.81	< 10	< 1	0.03	< 10	< 0.01	< 5
N110312	205	226	-----	7.4	0.77	90	460	< 0.5	6	2.55	8.5	3	110	12	2.23	< 10	< 1	0.43	20	0.11	670
N110313	205	226	< 5	< 0.2	0.05	142	960	< 0.5	< 2	2.82	0.5	27	474	1	2.55	< 10	< 1	< 0.01	< 10	10.05	375

CERTIFICATION: Hart Bichler

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CERTIFICATE OF ANALYSIS A9623479

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
N110310	205	226	< 1	0.03	5	500	1665	< 2	1	31	< 0.01	< 10	< 10	1	< 10	270
N110311	205	226	5	< 0.01	4	< 10	72	< 2	< 1	13	< 0.01	< 10	< 10	< 1	< 10	6
N110312	205	226	1	< 0.01	4	450	8410	< 2	2	65	< 0.01	< 10	< 10	4	< 10	1310
N110313	205	226	< 1	< 0.01	595	< 10	50	2	2	322	< 0.01	< 10	< 10	8	< 10	< 2

CERTIFICATION: Ian Bichler