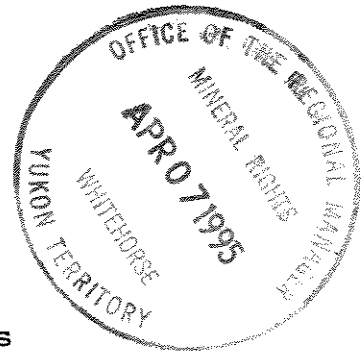


093301

1994 GEOLOGICAL  
REPORT  
ON THE  
GILA 1-6 CLAIMS



Located in the Ogilvie Mountains  
Dawson Mining District  
NTS 116B/14  
64° 45'30" North Latitude  
139° 22' West Longitude

-prepared for-  
PENDISLE RESOURCES LIMITED

-prepared by-  
Robert B. Falls, B.Sc.  
Mark E. Baknes, P.Geo.

WORK PERFORMED: August, 1994  
DATE OF REPORT: January, 1995



# 1994 GEOLOGICAL REPORT ON THE GILA 1-6 CLAIMS

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## 1.0 INTRODUCTION

The Gila property, comprising the Gila 1-6 claims, is located in the southern Ogilvie Mountains, approximately 75 kilometres north of Dawson in west central Yukon (Figure 1). This part of the Ogilvie Mountains is cored by the Coal Creek Inlier (Lane, 1992), an oval-shaped and east-trending window of Middle and Late Proterozoic clastic and carbonate rocks that have been penetrated by mineralized breccias and cut by mafic sills and dykes. The geological setting of the southern Ogilvie Mountains is favourable for hosting Olympic Dam copper-uranium-gold-silver breccia type deposits. The Gila property was staked to cover mineralized breccia outcroppings, discovered during regional prospecting.

Geological mapping, prospecting and geochemical sampling were carried out on the Gila property during August of 1994. This work program was conducted jointly by Pamicon Developments Ltd. and Equity Engineering Ltd. for Pendisle Resources Limited. The same companies have been retained to report on the fieldwork.

## 2.0 LIST OF CLAIMS

The Gila property comprises 6 contiguous quartz mineral claims, located in the Dawson Mining District (Figure 2). Government records indicate that the following claims are owned by Mark Baknes of Vancouver, British Columbia.

**TABLE 2.0.1**  
**CLAIM DATA**

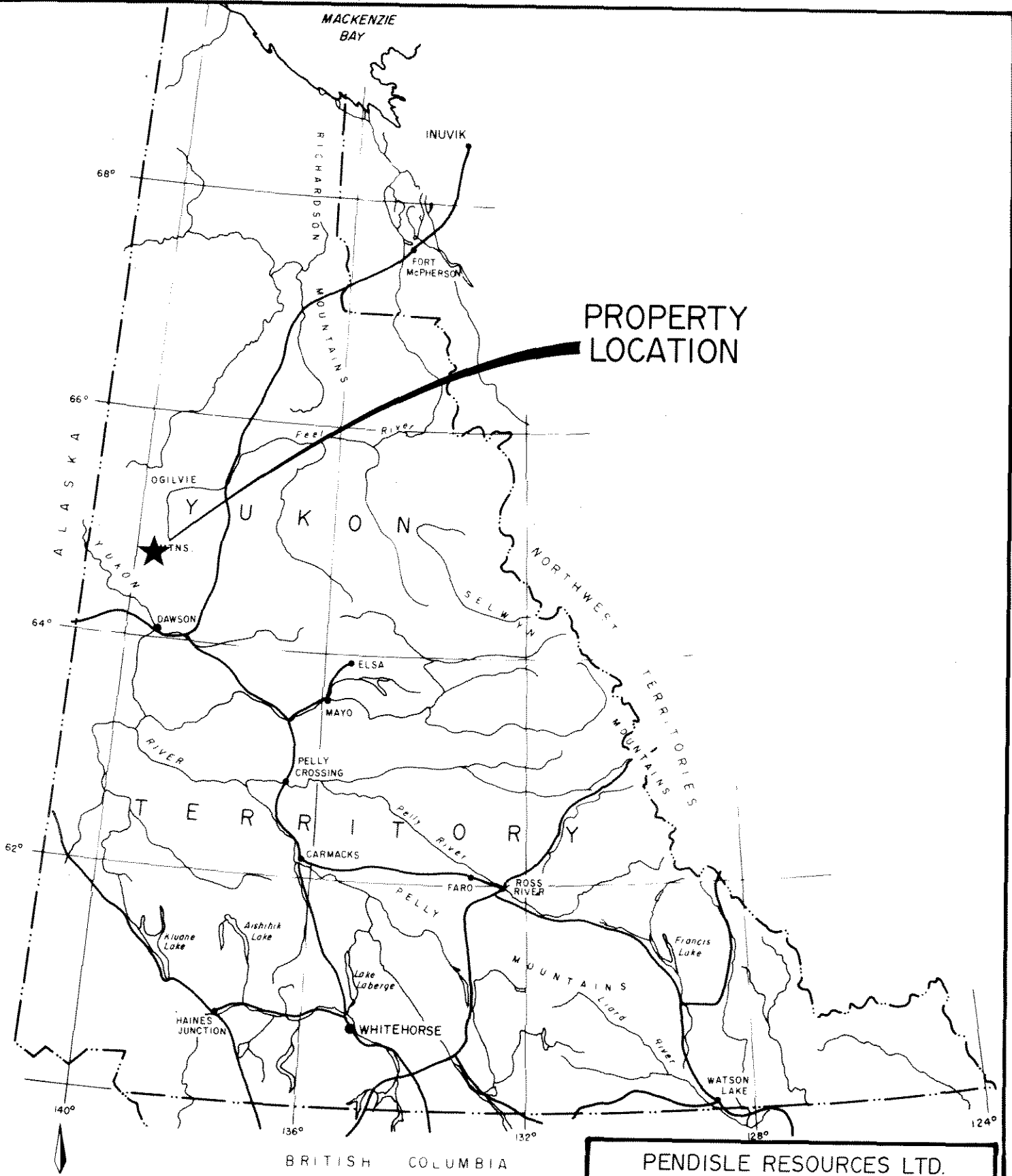
Claim Name	Record Numbers	Record Date	Expiry Date
Gila 1-6	YB52445-52450	Aug. 3, 1994	Dec. 31, 1997

\* Subject to approval of assessment work covered by this report.

## 3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Gila property is located in the southern Ogilvie Mountains of west central Yukon, approximately 75 kilometres north of Dawson (Figure 1). The claims are situated in the Dawson Mining District, centered at 64° 45'30" north latitude and 139° 22' west longitude.

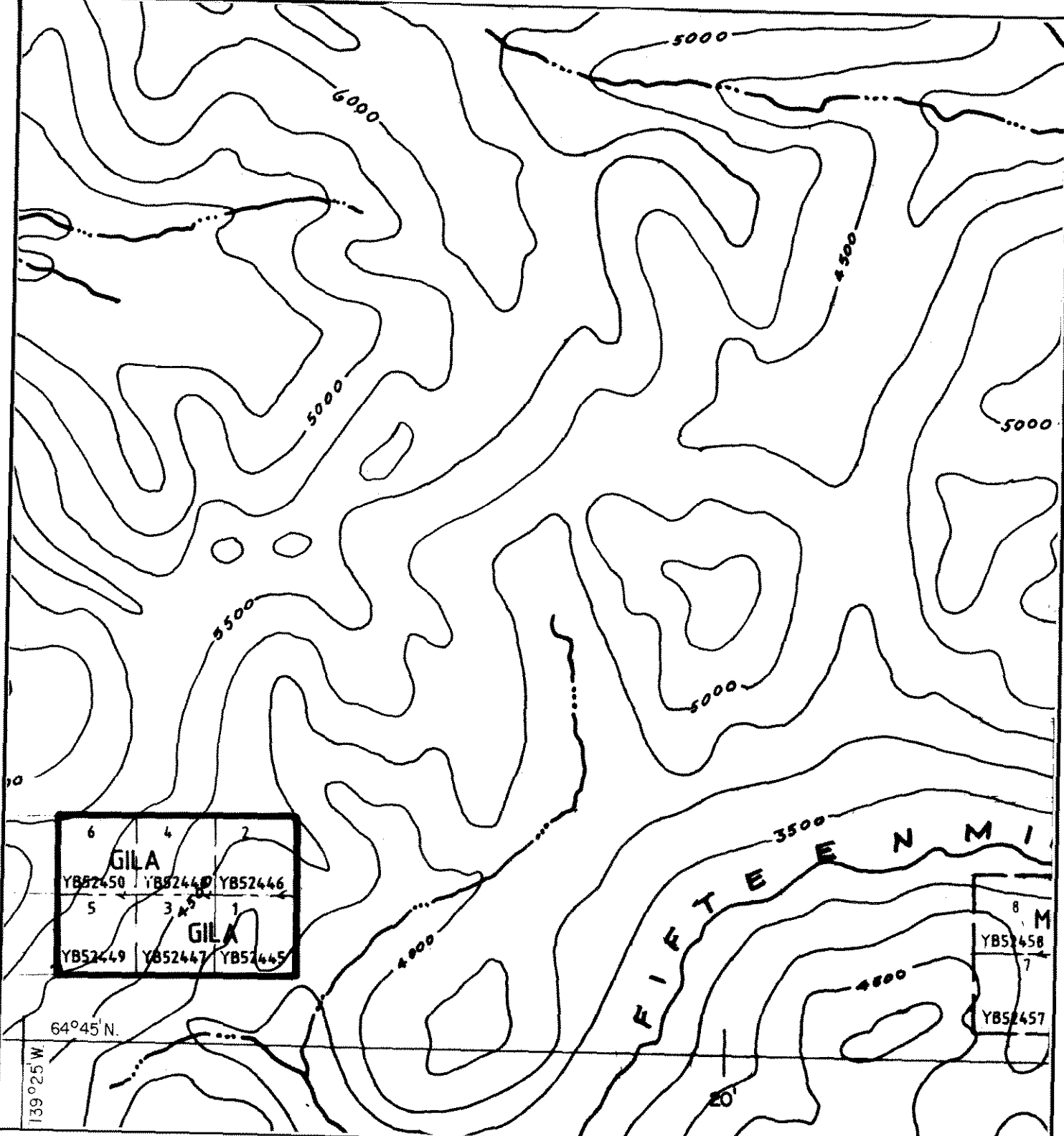
The property lies in the western portion of the southern Ogilvie Mountains approximately 55 kilometres north of the Tintina Trench. This region was unaffected by continental glaciation during the Pleistocene (Lane, 1990) resulting in rounded mountainous terrain. Elevations on the Gila property range from 1,067 metres (3,500') to 1,402 metres (4,600'). The entire area



**PROPERTY  
LOCATION**



<b>PENDISLE RESOURCES LTD.</b>		
<b>GILTA 1-6 CLAIMS LOCATION MAP</b>		
<b>YUKON TERRITORY</b>		
— PAMICON DEVELOPMENTS LTD. — — EQUITY ENGINEERING LTD. —		
<b>DRAWN :</b> J.W. / R.F.	<b>MINING DIST.:</b> DAWSON	<b>FIGURE</b> <b>1</b>
<b>N.T.S.:</b> 116 B / 14	<b>SCALE:</b> 1:500,000	
<b>DATE:</b> NOV. 1994	<b>REVISED:</b>	



6	4	2
GILA		
YB52450	YB52449	YB52446
5	3	1
	GILA	
YB52449	YB52447	YB52445

8	M
YB52458	
7	
YB52457	

64°45' N.

139°25' W.



KILOMETRES

PENDISLE RESOURCES LTD.		
GILA 1-6 CLAIMS <b>CLAIM MAP</b>		
YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN: J.W.	MINING DIST.: DAWSON	FIGURE <b>2</b>
N.T.S.: 116 B/14	SCALE: AS SHOWN	
DATE: NOV. 1994	REVISED:	

is above tree line and is covered by alpine grasses and shrubs. Thick stands of spruce are found only in the major river valleys within this region.

The Gila property was accessed by helicopter from Dawson during the 1994 field program.

#### **4.0 AREA EXPLORATION HISTORY AND 1994 EXPLORATION PROGRAM**

##### **4.1 Area Exploration History**

The most concentrated exploration work in the area was carried out in the mid to late 70's by Hudson Bay, Dynasty, Cyprus Anvil and UMEX/Shell. That work was directed primarily at carbonate-hosted Pb-Zn targets in the Gillespie Lake Group. During that same period, UMEX/Shell conducted work on the breccia-hosted ID, DAS, Rob and Lala occurrences. The results of their geochemical surveys were very encouraging, but the anomalies were never thoroughly followed up. There was no further exploration recorded in the area until the recent staking of the Monster claims and the staking by Placer Dome and Major General of the Lala occurrence. In addition to their assessment of the Lala occurrence, Placer Dome conducted limited silt and rock sampling program in the Monster West and Southwest areas in 1992. In 1993, a preliminary exploration program was carried out by the Monster Joint Venture on the Monster 1-72 claims. The program focused on the two areas, the Monster East and Monster West and consisted of geological mapping, prospecting and soil geochemistry (Caulfield, 1994 a,b). In May of 1994, an additional 193 Monster claims were staked to span the area between the Monster East and West groups and to extend the claims to the southwest to cover known breccia occurrences. The Gila claims were staked during August of 1994.

##### **4.2 1994 Exploration Program**

During August of 1994, a preliminary exploration program was carried out on the Gila property, consisting of geological mapping, prospecting and geochemical sampling. The program was designed to determine the potential for an Olympic Dam copper-uranium-gold-silver breccia type deposit. Geological mapping was carried out on a scale of 1:10,000 (Figure 4). A total of 9 rock samples were taken during the field program (Figure 4). Other rock and silt samples shown on Figure 4 were taken during regional prospecting and mapping, completed prior to staking of the Gila claims. All rock samples are described in Appendix D, and analytical certificates are attached in Appendix E. Rock samples were analyzed geochemically for gold and by ICP for 24 other elements. Samples exceeding 10,000 ppm copper were assayed. In the field, sample locations were marked by a metal tag and a combination of pink and blue flagging.

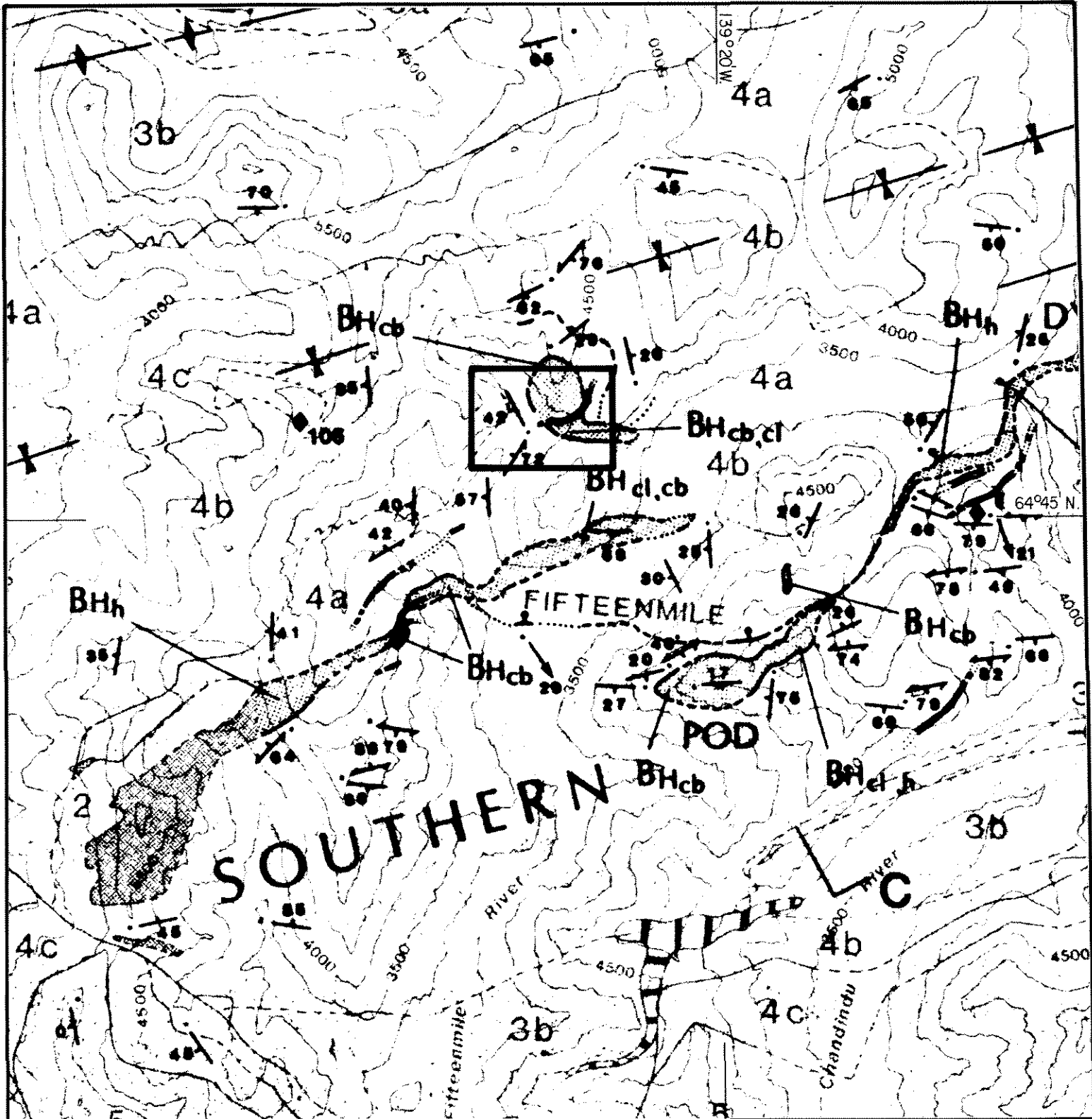
Silt samples were taken from several streams within the region. Samples were placed in labelled kraft envelopes and sample sites were marked in the field with plastic flagging and metal tags. The sampler recorded notes pertaining to stream volume, depth and slope, sample colour and texture, and the petrology of nearby rock. Samples were partially dried in camp and then shipped to Chemex Labs of North Vancouver, B.C. for sample preparation and analysis. Analytical procedures and a complete set of results for gold and 24-elements by ICP geochemistry may be found in the appendices.

## 5.0 REGIONAL GEOLOGY

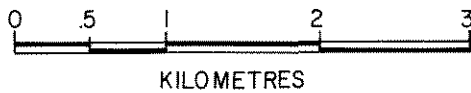
The Dawson 1:250,000 map sheet (116B) was reconnaissance mapped by the Geological Survey of Canada in 1961 by Green and Roddick and published later in a memoir (Green, 1972). More recently, a smaller area which includes the Gila property, was mapped at 1:50,000 by R. Lane as part of a graduate thesis (Lane, 1990) and later as a government map release (Lane and Godwin, 1992). The Geological Survey of Canada has re-mapped the Dawson map area at a scale of 1:50,000 and this work is scheduled for release soon.

The Middle Proterozoic stratigraphy of the Coal Creek Inlier has been correlated by Lane (1990) to that of the Wernecke Supergroup as defined by Delaney (1985) in the Wernecke Mountains, some 250 kilometres to the east. The Wernecke Supergroup is a thick succession of generally fine-grained terrigenous and carbonate rocks of Helikian age that have been penetrated by mineralized breccias and cut by mafic sills and dykes (Figure 3). The entire succession has been mapped by Lane (1990) in the Coal Creek Inlier. The Wernecke Supergroup has been divided into three groups (oldest to youngest): Fairchild Lake Group, Quartet Group and Gillespie Lake Group. To the north, Cambrian to Devonian carbonate and clastic units unconformably overlie the Wernecke Supergroup stratigraphy whereas the Late Proterozoic Fifteenmile Group sediments lie unconformably over it to the south.

The Quartet Group consists of a monotonous succession of fine-grained, interbedded sandstone to siltstone and black argillite (Lane, 1990). The Gillespie Lake strata consists of a lower unit of orange-weathering dolostone and an upper unit of grey-weathering dolostone. Mafic, locally amygdaloidal, flows were mapped at the Quartet-Gillespie Lake contact. The Fairchild Lake Group rocks consist predominantly of light grey, dolomitic limestone and pink silty dolostone. The group also includes minor mudstone and quartzite. In the area of the Gila property, rocks of the Fifteenmile group unconformably overly the Wernecke Supergroup strata. The Fifteenmile group consists of a lower sequence of predominantly mudstone, shale and sandstone, overlain by a thick sequence of platformal dolostone (Lane, 1992).



Geology by: Lane and Godwin, 1992  
 Legend on following page



PENDISLE RESOURCES LTD.		
GILA 1-6 CLAIMS REGIONAL GEOLOGY YUKON TERRITORY		
PAMICON DEVELOPMENTS LTD. EQUITY ENGINEERING LTD.		
DRAWN:	J.W.	MINING DIST.: DAWSON
N.T.S.:	116 B / 11/14	SCALE: 1: 50,000
DATE:	NOV. 1994	REVISED:
		FIGURE <b>3</b>

# LEGEND

(to accompany Figure 3)

## STRATIFIED UNITS

### ORDOVICIAN TO DEVONIAN

- 8 Road River Group  
black shale, chert

### EARLY CAMBRIAN TO DEVONIAN

- 7 CDb Formation  
pale grey dolostone
- 6 Slats Creek Group  
dolostone, mudstone, sandstone, conglomerate

### MIDDLE TO LATE PROTEROZOIC

- 5 Upper Fifteenmile Group  
dolomitic limestone and dolostone
- 4 Lower Fifteenmile Group  
c:mudstone, limestone, sandstone  
b:dolostone and dolostone breccia  
a:limestone, shale, sandstone, olistoliths

### EARLY? TO MIDDLE PROTEROZOIC

- 3 Gillespie Lake Group  
b:buff-weathering dolostone  
a:orange-weathering dolostone
- 2 Quartet Group  
sandstone, mudstone, argillite
- 1 Fairchild Lake Group  
b:silty dolostone, mudstone, quartzite  
a:platey dolomitic limestone

## INTRUSIVE UNITS

### PROTEROZOIC AND YOUNGER

Mafic dykes

## OGILVIE MOUNTAIN BRECCIAS

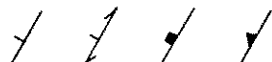

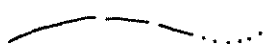


### PROTEROZOIC

**Heterolithic Breccia**  
BHcb:carbonate-rich matrix  
BHh:hematite-rich matrix  
BHcl:chlorite-rich matrix

**Monolithic Breccia**  
BM1:Fairchild Lake Group fragments  
BM2:Quartet Group fragments  
BM3:Gillespie Lake Group fragments

**Unclassified Breccia**

## SYMBOLS

-  Bedding, Foliation, Jointing, Layering
-  Fold axis, Anticline, Syncline
-  Contacts (known, approximate, assumed)
-  Fault (ball denotes side down)
-  Disrupted bedding

Strata of the Wernecke Supergroup and the Fifteenmile group are cut by two east-west, fault-related belts of hematite breccias that are enriched in iron, copper, uranium, REE, cobalt and gold. The Gila property straddles the most southerly of the two breccia belts. Lane (1992) has subdivided the breccias into two main groups: homolithic (one clast type) and heterolithic (several clast types). Other breccia types including quartz-specularite breccia, intraformational breccia and rare pebble dykes were identified. Alteration minerals associated with the breccias are hematite (specular and earthy red varieties), carbonate, chlorite, silica and potassium feldspar. Fragments are normally subangular to subrounded and average 1 to 2 centimetres. Wernecke Supergroup strata are the dominant clast lithology with rare igneous, massive specular hematite and quartz vein fragments. The matrix of the breccia is comprised of the alteration minerals listed above and finely fragmented rock. The breccias mostly have steep discordant contacts although bodies following bedding have been mapped by Lane (1992). Maroon mudstone is associated with the breccia as interbeds, and as fragments and matrix of many breccias.

The Wernecke Supergroup, Fifteenmile group and breccia bodies are cut by diorite. Conversely, fragments of the mafic intrusives are also found within the breccia indicating a close genetic relationship between the two. Lane (1990) reported a lead isotope date of 0.9 Ga from mineralization in a crosscutting dyke in a breccia penetrating lower Fifteenmile Group. This remains ambiguous, since Lane did not map dykes intruding Fifteenmile Group strata. These mafic units vary from a fine-grained, amygdaloidal form to medium-to coarse-grained equigranular varieties. Lane (1990) noted that the dykes are amygdaloidal where in contact with breccia bodies.

## 6.0 PROPERTY GEOLOGY AND MINERALIZATION

### 6.1 Property Geology

Limited mapping on the Gila property indicates that the property is underlain by Fifteenmile Group sediments (Unit **FM**) (Figure 4). These rocks consist of interbedded orange-brown, blocky dolostone (Unit **FMdo**), grey mudstone (Unit **FMms**) and well bedded, grey limestone (Unit **FMls**). The sediments strike northerly and dip moderately towards the west.

Proterozoic breccias (Unit **B**) underlie most of the eastern third of the property. The breccias have been classified as homolithic, or one clast type (Unit **Bm**) and heterolithic, containing more than one fragment type (Unit **Bt**). The breccias have been further subdivided based on clast and matrix composition.

Both breccia types are matrix-supported with subrounded,

altered sediment fragments ranging from 1.0 centimetre to 1.0 metre, but normally averaging less than 5 centimetres. The matrix consists of extremely milled fragments (<2-3 mm.) and hydrothermal minerals including quartz, orthoclase, carbonate, chlorite and specular hematite. These hydrothermal minerals are mainly within the breccia matrix, but also affect the fragments.

Dark green, medium to fine-grained diorite (Unit Di) occurs as dykes and sills. In general diorites are equigranular and composed of euhedral plagioclase and interstitial chloritized hornblende, magnetite and trace sulphides. Diorite intrusives have a close spatial, and perhaps, genetic association with breccias.

## 6.2 Mineralization

Several rock samples taken on the Gila property showed indications of copper mineralization. These are summarized in table 6.2.1.

**TABLE 6.2.1**  
**SIGNIFICANT ROCK SAMPLES**

Sample	Type	Gold (ppb)	Silver (ppm)	Copper (ppm)	Cobalt (ppm)	Lead (ppm)	Zinc (ppm)
596597	Float	<5	<0.2	406	25	<2	74
596729	Grab	60	0.6	2710	17	36	84
596731	Float	15	<0.2	325	4	4	10
596736	Float	<5	<0.2	712	34	4	76

Grab sample 596729 was taken from an outcrop of homolithic breccia in contact with diorite in the southeast corner of the property. Mineralization consisted of patchy chalcopyrite mineralization over less than 10 metres width.

The other samples listed in table 6.2.1 were taken from similar breccia material found in float.

## 7.0 SILT GEOCHEMISTRY

During the 1994 field season, silt samples were taken on the Gila property and on several other properties within the region. In order to determine the significance of each sample, anomalous levels were established based on a statistical analysis of all of the samples taken within the region (Table 7.0.1). For the purposes of this report, a metal value which exceeds the 85th percentile will be considered anomalous and a value which exceeds the 95th percentile will be considered highly anomalous. The same procedure could not be used for gold and silver as most analytical values for these metals were found to be below detection levels. The anomalous levels used for gold and silver are based on

government regional geochemical survey data (Friske et. al., 1991).

**TABLE 7.0.1**  
**ANOMALOUS LEVELS FOR SILT GEOCHEMISTRY**

Percentile	Gold (ppb)	Silver (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)	Cobalt (ppm)
50th	3.0	0.1	58.0	22.0	110.0	17.0
85th	7.5	0.3	113.5	76.0	268.0	30.0
95th	15.0	0.7	156.0	114.0	568.0	46.0

The silt sample analyses for the Gila property and surrounding region are listed in the margin of Figure 4. Sample 94RF-13, taken from a stream which drains the southwest corner of the property, returned a slightly anomalous silver value of 0.4 ppm. The source of this anomaly may be sulphide mineralization, which was discovered in breccia exposures upstream of the silt sample (Section 6.2). None of the other silt samples returned anomalous values.

#### 8.0 CONCLUSIONS AND RECOMMENDATIONS

The Ogilvie mountain geology appears to be favourable towards Olympic-Dam style breccia deposits. Several rock samples on the Gila claims returned anomalous copper values, however, the relatively small expanse of breccia combined with generally low copper concentrations indicate that only a small program be conducted to cover the areas not examined by the 1994 survey.

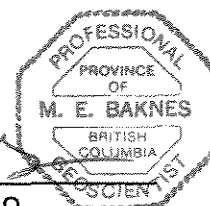
Respectfully submitted,

*Robert B. Falls*

Robert B. Falls, B.Sc.  
EQUITY ENGINEERING LTD.

*Mark E. Baknes*

Mark E. Baknes, P.Geo.  
EQUITY ENGINEERING LTD.



Vancouver, British Columbia  
January, 1995

**APPENDIX A**

**BIBLIOGRAPHY**

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**APPENDIX B**

**LIST OF PERSONNEL**

LIST OF PERSONNEL

Mark E. Baknes (Professional Geologist)  
207, 675 West Hastings Street  
Vancouver, B.C. V6B 1N2

**APPENDIX C**

**STATEMENT OF EXPENDITURES**

**STATEMENT OF EXPENDITURES  
GILA 1-6 CLAIMS**

**CANADA**        )     In the matter of an evaluation program on the  
                  )     Gila 1-6 Mineral Claims

I, Mark Baknes for Equity Engineering Ltd., 207, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of geochemical sampling, geological mapping, and prospecting was carried out on the Gila 1-6 Mineral Claims on the date of August 3, 1994.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

**PROFESSIONAL FEES AND WAGES:**

Mark E. Baknes, P. Geo.			
1.4796 days @ \$400/day	\$	591.81	
Robert B. Falls, Geologist			
0.7024 days @ \$350/day		245.83	
Mark Malfair, Geologist			
0.6667 days @ \$225/day		150.00	
Clerical			
6.9475 hours @ \$20/hour		<u>138.95</u>	\$ 1,126.59

**EXPENSES:**

Aircraft Charters	\$	4.24	
Auto Fuel		1.11	
Camp Food		4.25	
Chemical Analyses		202.05	
Courier and Telefax		2.74	
Drafting		35.58	
Freight		10.88	
Helicopter Charters		518.92	
Maps and Publications		.76	
Materials and Supplies		10.20	
Meals		23.26	
Printing and Reproductions		35.83	
Telephone Distance Charges		3.97	
Travel		<u>.22</u>	854.01

**JOINT MOBILIZATION COSTS:** 70.28

**EQUIPMENT RENTAL:**

4WD Equity	\$	2.66	
Handheld Radios		5.00	
Fly Camp		<u>19.16</u>	26.82

**MANAGEMENT FEES:**

15% on expenses only			<u>128.11</u>
----------------------	--	--	---------------

<b>SUBTOTAL:</b>	\$ 2,205.81
<b>GST:</b>	
7% on subtotal	<u>154.41</u>
<b>TOTAL:</b>	<b>\$ 2,360.22</b>
	<u><u>=====</u></u>

Notes:

1. Wages and general expenses (all other costs) are prorated according to man days allocated to each property.
2. Assay charges are based on actual number of samples from the property.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the )  
Province of British Columbia this )  
\_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_ )

\_\_\_\_\_  
A Commissioner for Oaths for, or  
Notary Public for the Yukon Territory

## APPENDIX D

### ROCK SAMPLE DESCRIPTIONS

#### MINERALS AND ALTERATION TYPES

AB	albite	AD	adularia
AK	ankerite	AS	arsenopyrite
AZ	azurite	BA	barite
BI	biotite	BO	bornite
BR	brannerite	CA	calcite
CB	Fe-carbonate	CC	chalcocite
CL	chlorite	CO	cobaltite
CP	chalcopyrite	CY	clay
DI	diopside	DO	dolomite
EP	epidote	ER	erythrite
GA	garnet	GE	goethite
GL	galena	GR	graphite
HE	earthy hematite	HS	specularite
JA	jarosite	KF	potassium feldspar
MC	malachite	MG	magnetite
MN	Mn-oxides	MR	mariposite
MS	muscovite/sericite	NE	neotocite
PO	pyrrhotite	PY	pyrite
QZ	quartz	SI	silica
SP	sphalerite	TT	tetrahedrite

#### ALTERATION INTENSITIES

m	medium	s	strong	tr	trace
vs	very strong	vw	very weak	w	weak

Property : GILA

NTS : 1168/14

Date : MARCH 2, 1995

Sample No.	UTM :	7181139 N	Type :	Float	Alteration :	sCB	Au	Ag	Ba	Co	Cu	Zn
		578240 E	Strike Length Exp. :	m	Metallics :	3-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596549	Elevation:	3450 ft	Sample Width :	m	Secondaries:	wJA	<5	<0.2	420.	10.	<1	16.
	Orientation:	/	True Width :	m	Host :	Breccia						

Comments : Grab of talus over 10m.

Sample No.	UTM :	7180930 N	Type :	Float	Alteration :		Au	Ag	Ba	Co	Cu	Zn
		577903 E	Strike Length Exp. :	m	Metallics :	3-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596550	Elevation:	3400 ft	Sample Width :	m	Secondaries:		<5	<0.2	250.	13.	<1	10.
	Orientation:	/	True Width :	m	Host :	Maroon breccia						

Comments :

Sample No.	UTM :	7181802 N	Type :	Float	Alteration :		Au	Ag	Ba	Co	Cu	Zn
		577127 E	Strike Length Exp. :	m	Metallics :	trCP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596592	Elevation:	1055 m	Sample Width :	m	Secondaries:	wGE	<5	<0.2	90.	<1	32.	16.
	Orientation:	/	True Width :	m	Host :	Shale						

Comments : QZ-CB stockwork in slate, veins up to 1.5cm, coarse crystalline quartz.

Sample No.	UTM :	7182008 N	Type :	Float	Alteration :	sCB	Au	Ag	Ba	Co	Cu	Zn
		577372 E	Strike Length Exp. :	m	Metallics :	30%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596593	Elevation:	1095 m	Sample Width :	m	Secondaries:	sGE	<5	1.6	1010.	56.	66.	18.
	Orientation:	/	True Width :	m	Host :	Dolomite breccia						

Comments : Rusty float material. Granular pyrite.

Sample No.	UTM :	7181902 N	Type :	Grab	Alteration :	mCB	Au	Ag	Ba	Co	Cu	Zn
		577429 E	Strike Length Exp. :	0.25 m	Metallics :	<1%CP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596594	Elevation:	1135 m	Sample Width :	5 cm	Secondaries:	wGE	<5	<0.2	100.	0.	114.	18.
	Vein :	091 / 56 N	True Width :	2 cm	Host :	Dolomite breccia						

Comments : Dolomite-quartz veinlet hosted within breccia. Contains finely disseminated chalcopyrite.

Sample No.	UTM :	7181903 N	Type :	Grab	Alteration :	wCL	Au	Ag	Ba	Co	Cu	Zn
		577430 E	Strike Length Exp. :	20 m	Metallics :	none observed	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596595	Elevation:	1135 m	Sample Width :	10 cm	Secondaries:		<5	<0.2	220.	<1	8.	18.
	Fault :	091 / 56 N	True Width :	10 m	Host :	Homolithic breccia						

Comments : Breccia composed of subangular dolostone fragments in a mudstone matrix. May be related to faulting or soft sediment deformation along the mudstone/dolostone contact.

Property : GILA

NTS : 1168/14

Date : MARCH 2, 1995

Sample No.	UTM :	7182315 N	Type :	Grab	Alteration :	sCB,sCL,sKF	Au	Ag	Ba	Co	Cu	Zn
		577853 E	Strike Length Exp. :	>50 m	Metallics :	1-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596596	Elevation:	1185 m	Sample Width :	10 cm	Secondaries:	mHE	<5	<0.2	460.	15.	1.	12.
	Massive :	/	True Width :	>50 m	Host :	Heterolithic breccia						

Comments : Consists of altered sediment clasts in a maroon coloured matrix of chlorite, carbonate and specular hematite.

Sample No.	UTM :	7182312 N	Type :	Float	Alteration :	sCL, sKF?	Au	Ag	Ba	Co	Cu	Zn
		577873 E	Strike Length Exp. :	m	Metallics :	<1%CP,1-5%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596597	Elevation:	1185 m	Sample Width :	m	Secondaries:	sMC	<5	<0.2	910.	25.	406.	74.
	Orientation:	/	True Width :	m	Host :	Heterolithic breccia						

Comments : Float, probably in place. Consists of altered rock fragments in a matrix of chlorite and hematite. Finely disseminated chalcocopyrite.

Sample No.	UTM :	7182363 N	Type :	Grab	Alteration :	sCL,sSI	Au	Ag	Ba	Co	Cu	Zn
		577929 E	Strike Length Exp. :	>50 m	Metallics :	10%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596598	Elevation:	1220 m	Sample Width :	10 cm	Secondaries:	sHE	<5	<0.2	1290.	22.	3.	18.
	Massive :	/	True Width :	>50 m	Host :	Homolithic breccia						

Comments : Consists of iron-formation fragments in a matrix of chlorite and hematite. A 2 to 3 metre zone within a larger outcrop of dolomitic breccia.

Sample No.	UTM :	7180818 N	Type :	Float	Alteration :	sCB	Au	Ag	Ba	Co	Cu	Zn
		577611 E	Strike Length Exp. :	m	Metallics :	2-3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596651	Elevation:		Sample Width :	m	Secondaries:	wJA	<5	<0.2	1160.	8.	18.	12.
	Orientation:	/	True Width :	m	Host :	Breccia						

Comments : Maroon banding in fragments.

Sample No.	UTM :	7180087 N	Type :	Float	Alteration :	sCB,sQZ	Au	Ag	Ba	Co	Cu	Zn
		576677 E	Strike Length Exp. :	m	Metallics :	1-2%GL,20-30%BA	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596652	Elevation:	4250 ft	Sample Width :	m	Secondaries:	mGE,wJA	<5	1.2	560.	13.	280.	236.
	Orientation:	/	True Width :	m	Host :	Sediments						

Comments : QZ-CB-barite? vein material.

Sample No.	UTM :	7182018 N	Type :	Grab	Alteration :	sCB, mCL	Au	Ag	Ba	Co	Cu	Zn
		578064 E	Strike Length Exp. :	>10 m	Metallics :	1%CP, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596729	Elevation:	1380 m	Sample Width :	m	Secondaries:	**Note 2 samples same #**	60.	0.6	120.	17.	2710.	84.
	Orientation:	/	True Width :	m	Host :	Chloritic homolithic breccia						

Comments : Large area of homolithic breccia, green and pink siltstone fragments (plag altered?) with minor matrix carbonate, chlorite and rock flower. diorite dykes and fragments in breccia, sample may be adjacent to diorite and weakly sheared, mineralization rare

Property : GILA

NTS : 116B/14

Date : MARCH 2, 1995

Sample No.	UTM :	7182028 N	Type :	Float	Alteration :	mCB, wCL	Au	Ag	Ba	Co	Cu	Zn
		578081 E	Strike Length Exp. :	m	Metallics :	15%SH	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596730	Elevation:	1380 m	Sample Width :	m	Secondaries:	sHE	<5	<0.2	100.	4.	85.	20.
	Orientation:	/	True Width :	m	Host :	Maroon + red specularite rich homolitic breccia						

Comments : Subcrop of maroon mudstone with jasper fragments in carbonate, specularite mudstone matrix. Makes up a small proportion of the talus.

Sample No.	UTM :	7182050 N	Type :	Float	Alteration :	wCB, mCL, sKF, wQZ	Au	Ag	Ba	Co	Cu	Zn
		578094 E	Strike Length Exp. :	m	Metallics :	0.5%CP, 3%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596731	Elevation:	1380 m	Sample Width :	m	Secondaries:	None	15.	<0.2	1380.	4.	325.	10.
	Orientation:	/	True Width :	m	Host :	Kspar altered and brecciated diorite						

Comments : In among maroon mudstone breccia and carbonate, chlorite altered homolitic siltstone breccia, and within 5m of fresh diorite. <5% of talus.

Sample No.	UTM :	7182081 N	Type :	Float	Alteration :	mCB, wCL, wMS	Au	Ag	Ba	Co	Cu	Zn
		578144 E	Strike Length Exp. :	>25m m	Metallics :	sHS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596732	Elevation:	1375 m	Sample Width :	m	Secondaries:	sHE	<5	<0.2	730.	18.	18.	60.
	Orientation:	/	True Width :	m	Host :	Maroon mudstone breccia						

Comments : Fairly extensive subcrop of maroon mudstone breccia, no visible sulphides, otherwise identical to Monster West 4900 zone.

Sample No.	UTM :	7182241 N	Type :	Float	Alteration :	mCB, wCL, wKF, sQZ	Au	Ag	Ba	Co	Cu	Zn
		578081 E	Strike Length Exp. :	m	Metallics :	0.5%CP, 5%HS, 1%MG, 0.2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596733	Elevation:	1330 m	Sample Width :	m	Secondaries:	None	<5	0.4	210.	4.	68.	8.
	Orientation:	/	True Width :	m	Host :	Brecciated banded iron formation						

Comments : Brecciated with quartz filling, minor chalcopyrite disseminations, also minor coarse grained magnetite, rare in talus.

Sample No.	UTM :	7182548 N	Type :	Float	Alteration :	sCB, mCL, wKF	Au	Ag	Ba	Co	Cu	Zn
		578108 E	Strike Length Exp. :	>25 m	Metallics :	trCP, 7%HS, 1%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596734	Elevation:	1260 m	Sample Width :	m	Secondaries:	None	<5	0.4	290.	7.	35.	10.
	Orientation:	/	True Width :	m	Host :	Maroon mudstone breccia						

Comments : Subcrop, bedded and brecciated banded iron formation.

Sample No.	UTM :	7182759 N	Type :	Float	Alteration :	mCB, mCL, wQZ	Au	Ag	Ba	Co	Cu	Zn
		577899 E	Strike Length Exp. :	m	Metallics :	trCP, trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596735	Elevation:	1360 m	Sample Width :	m	Secondaries:	None	<5	<0.2	1020.	12.	63.	28.
	Orientation:	/	True Width :	m	Host :	Homolitic breccia, chloritic matrix						

Comments : Matrix supported white siltstone fragments in a matrix of pale green chlorite carbonate +/- feldspar and quartz, traces of disseminated chalcopyrite and pyrite may be associated with 1cm quartz-carbonate stringers; moderately common in talus.

Property : GILA

NTS : 116B/14

Date : MARCH 2, 1995

Sample No.	UTM :	7182759 N	Type :	Float	Alteration :	mCB, sCL, mKF	Au	Ag	Ba	Co	Cu	Zn
		577899 E	Strike Length Exp. :	m	Metallics :	0.5%CP, 0.5%HS, 0.5%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596736	Elevation:	1360 m	Sample Width :	m	Secondaries:	None	<5	<0.2	2450.	34.	712.	76.
	Orientation:	/	True Width :	m	Host :	Chloritic Kspar altered homolitic breccia						

Comments : 80x70cm boulder, breccia with light and dark siltstone fragments in a chlorite carbonate rich matrix with 1-3mm kspar porphyroblasts? in matrix.

Sample No.	UTM :	7182641 N	Type :	Float	Alteration :	sCB, wQZ	Au	Ag	Ba	Co	Cu	Zn
		577742 E	Strike Length Exp. :	m	Metallics :	2%HS, 2%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596737	Elevation:		Sample Width :	m	Secondaries:	None	<5	0.2	800.	8.	43.	14.
	Orientation:	/	True Width :	m	Host :	Crackle brecciated grey dolomitic siltstone						

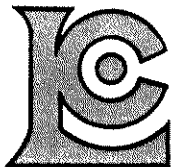
Comments : Abundant talus of crackle breccia with sparry carbonate matrix and medium to coarse grained anhedral + euhedral pyrite.

Sample No.	UTM :	7179103 N	Type :	Float	Alteration :	mCL, mSI	Au	Ag	Ba	Co	Cu	Zn
		578698 E	Strike Length Exp. :	m	Metallics :	10%HS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
596991	Elevation:	990 m	Sample Width :	m	Secondaries:		<5	<0.2	490.	12.	<1	48.
	Orientation:	/	True Width :	m	Host :	Heterolithic, mudstone, siltstone breccia						

Comments : Matrix supported heterolithic breccia, with subrounded clasts of silicified siltstone and mudstone

**APPENDIX E**

**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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N2

A9422688

Comments:

CERTIFICATE

A9422688

EQUITY ENGINEERING LTD.

Project: JR94-02  
P.O. #:

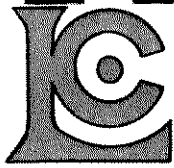
Samples submitted to our lab in Vancouver, BC.  
This report was printed on 15-AUG-94.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	72	Dry, sieve to -80 mesh
203	10	Dry, sieve to -35 mesh
205	10	Geochem ring to approx 150 mesh
285	82	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	82	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	82	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	82	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	82	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	82	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	82	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	82	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	82	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	82	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	82	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	82	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	82	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	82	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	82	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	82	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	82	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	82	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	82	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	82	Pb ppm: 24 element, rock & core	AAS	2	10000
582	82	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	82	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	82	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	82	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	82	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N2

Project : GILA  
 Comments:

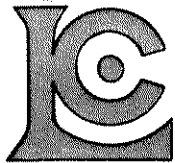
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 Certificate Date: 15-AUG-94  
 Invoice No. : 19422688  
 P.O. Number :  
 Account : EIA

## CERTIFICATE OF ANALYSIS

### A9422688

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
94MM-28	201 285	< 5	< 0.2	7.48	580	2.0	2	0.56	< 0.5	24	87	59	4.02	2.86	1.42
94MM-29	201 285	< 5	< 0.2	7.85	570	2.0	6	0.44	< 0.5	24	90	54	4.17	3.03	1.50
94MM-30	201 285	< 5	0.2	6.75	520	2.0	2	0.59	< 0.5	23	88	72	4.15	2.55	1.69
94RF-13	201 285	< 5	0.4	3.08	450	0.5	< 2	12.85	0.5	4	40	31	2.17	1.59	8.00
94RF-14	201 285	< 5	< 0.2	3.40	440	1.0	< 2	12.85	< 0.5	5	38	35	2.29	1.98	7.57
94RF-15	201 285	< 5	0.2	2.78	390	0.5	< 2	14.80	< 0.5	2	42	25	1.71	1.25	9.17

CERTIFICATION: \_\_\_\_\_



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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N2

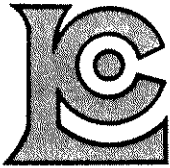
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Total Pages : 2  
Certificate Date: 15-AUG-94  
Invoice No. : I9422688  
P.O. Number :  
Account : EIA

## CERTIFICATE OF ANALYSIS A9422688

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
94MM-28	201 285	1680	1	0.62	30	410	70	48	0.33	93	< 10	120			
94MM-29	201 285	1825	< 1	0.60	33	390	62	40	0.32	97	< 10	120			
94MM-30	201 285	2010	< 1	0.59	33	470	72	50	0.32	96	< 10	126			
94RF-13	201 285	1165	2	0.35	25	370	40	60	0.14	63	< 10	122			
94RF-14	201 285	1255	3	0.15	23	390	40	62	0.14	77	< 10	174			
94RF-15	201 285	800	< 1	0.47	15	320	30	63	0.13	51	< 10	96			

CERTIFICATION: \_\_\_\_\_



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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N2

A9422855

Comments: ATTN: M. BAKNES

CERTIFICATE

A9422855

EQUITY ENGINEERING LTD.

Project: JR94-02  
 P.O. #:

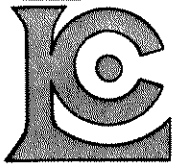
Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 18-AUG-94.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	76	Geochem ring to approx 150 mesh
294	76	Crush and split (6-10 pounds)
285	76	ICP - HF digestion charge

### ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	76	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	76	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	76	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	76	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	76	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	76	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	76	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	76	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	76	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	76	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	76	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	76	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	76	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	76	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	76	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	76	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	76	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	76	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	76	Pb ppm: 24 element, rock & core	AAS	2	10000
582	76	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	76	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	76	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	76	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	76	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N2

Project: GILA  
 Comments: ATTN: M. BAKNES

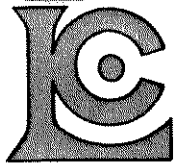
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 Invoice No. : 19422855  
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 Account : EIA

## CERTIFICATE OF ANALYSIS

A9422855

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
596549	205 294	< 5	< 0.2	6.18	420	0.5	< 2	3.70	< 0.5	10	75	< 1	4.21	4.85	4.00
596550	205 294	< 5	< 0.2	6.28	250	0.5	4	4.36	< 0.5	13	89	< 1	5.43	5.00	3.74
596592	205 294	< 5	< 0.2	0.29	90	< 0.5	< 2	17.05	< 0.5	< 1	46	32	3.42	0.27	9.41
596593	205 294	< 5	1.6	5.95	1010	1.0	40	1.94	< 0.5	56	75	66	11.60	3.37	2.63
596594	205 294	< 5	< 0.2	1.00	100	< 0.5	< 2	16.05	< 0.5	< 1	38	114	2.77	0.61	8.94
596595	205 294	< 5	< 0.2	2.69	220	< 0.5	< 2	13.60	< 0.5	< 1	38	8	1.83	1.67	8.79
596596	205 294	< 5	< 0.2	7.38	460	1.5	4	3.65	< 0.5	15	72	1	3.37	4.75	2.32
596597	205 294	< 5	< 0.2	7.12	910	0.5	< 2	1.90	< 0.5	25	89	406	5.52	4.54	3.77
596598	205 294	< 5	< 0.2	7.43	1290	1.0	< 2	1.14	< 0.5	22	78	3	8.21	3.14	5.54
596651	205 294	< 5	< 0.2	4.66	1160	< 0.5	< 2	5.43	< 0.5	8	52	18	2.64	4.62	3.97
596652	205 294	< 5	1.2	0.63	560	< 0.5	< 2	1.55	< 0.5	13	190	280	1.65	< 0.01	1.36
596991	205 294	< 5	< 0.2	6.50	490	0.5	< 2	2.01	< 0.5	12	86	< 1	7.21	3.95	4.05

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N2

Project: GILA  
 Comments: ATTN: M. BAKNES

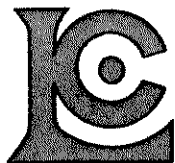
Page Number : 1-B  
 Total Pages : 2  
 Certificate Date: 18-AUG-94  
 Invoice No. : 19422855  
 P.O. Number :  
 Account : EIA

## CERTIFICATE OF ANALYSIS

A9422855

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
	596549	205	294	540	< 1	0.31	21	680	< 2	20	0.25	64	< 10	16		
596550	205	294	1000	< 1	0.25	22	740	10	20	0.27	69	< 10	10			
596592	205	294	4400	< 1	0.02	6	10	14	33	0.01	16	< 10	16			
596593	205	294	790	63	0.21	24	560	< 2	54	0.19	79	< 10	18			
596594	205	294	2550	< 1	0.06	6	80	6	64	0.04	27	< 10	18			
596595	205	294	595	1	0.15	12	230	6	33	0.11	46	< 10	18			
596596	205	294	845	< 1	0.33	25	770	< 2	30	0.33	85	< 10	12			
596597	205	294	630	1	1.13	33	1220	< 2	85	0.28	95	< 10	74			
596598	205	294	375	1	0.36	39	670	< 2	29	0.14	83	< 10	18			
596651	205	294	1405	< 1	0.17	13	770	< 2	37	0.19	46	< 10	12			
596652	205	294	1100	< 1	0.01	76	40	7000	2190	0.02	26	< 10	236			
596991	205	294	535	< 1	0.38	34	850	< 2	31	0.20	68	< 10	48			

CERTIFICATION: \_\_\_\_\_



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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
VANCOUVER, BC  
V6B 1N2

A9424205

Comments: ATTN: M. BAKNES

CERTIFICATE

A9424205

(EIA) - EQUITY ENGINEERING LTD.

Project: JR94-02 GILA  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 10-SEP-94.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Geochem ring to approx 150 mesh
226	9	0-5 lb crush and split
285	9	ICP - HF digestion charge

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	9	Ag ppm: 24 element, rock & core	AAS	0.2	200
573	9	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	9	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	9	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	9	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	9	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	9	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	9	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	9	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	9	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	9	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	9	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	9	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	9	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	9	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	9	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	9	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	9	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	9	Pb ppm: 24 element, rock & core	AAS	2	10000
582	9	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	9	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	9	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	9	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	9	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6B 1N2

Project : JR94-02 GILA  
 Comments: ATTN: M. BAKNES

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 10-SEP-94  
 Invoice No. : 19424205  
 P.O. Number :  
 Account : EIA

## CERTIFICATE OF ANALYSIS A9424205

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
596729	205 226	60	0.6	4.24	120	0.5	< 2	17.95	1.0	17	48	2710	4.92	0.80	5.50
596730	205 226	< 5	< 0.2	0.80	100	< 0.5	< 2	2.47	1.0	4	190	85	15.65	0.16	1.88
596731	205 226	15	< 0.2	3.07	1380	< 0.5	< 2	1.79	< 0.5	4	232	325	3.20	3.72	1.36
596732	205 226	< 5	< 0.2	6.96	730	1.5	< 2	1.56	< 0.5	18	83	18	7.75	3.37	3.95
596733	205 226	< 5	0.4	0.39	210	< 0.5	< 2	1.59	0.5	4	290	68	11.25	0.07	0.95
596734	205 226	< 5	0.4	4.83	290	0.5	< 2	2.38	0.5	7	99	35	8.93	2.76	2.31
596735	205 226	< 5	< 0.2	5.17	1020	0.5	< 2	3.90	< 0.5	12	120	63	2.95	4.68	3.30
596736	205 226	< 5	< 0.2	9.06	2450	0.5	< 2	0.96	< 0.5	34	94	712	6.21	7.97	3.03
596737	205 226	< 5	0.2	5.72	800	0.5	< 2	4.69	< 0.5	8	103	43	1.39	3.10	2.48

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: EQUITY ENGINEERING LTD.

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Project : JR94-02 GILA  
 Comments: ATTN: M. BAKNES

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 10-SEP-94  
 Invoice No. : 19424205  
 P.O. Number :  
 Account : EIA

## CERTIFICATE OF ANALYSIS A9424205

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
596729	205 226	3050	< 1	0.16	11	750	36	205	0.15	37	< 10	84			
596730	205 226	1355	< 1	0.10	6	640	< 2	9	0.02	19	< 10	20			
596731	205 226	845	< 1	0.10	7	20	4	570	0.19	14	< 10	10			
596732	205 226	770	< 1	1.05	31	700	4	65	0.32	86	< 10	60			
596733	205 226	500	< 1	0.03	9	190	< 2	15	0.01	22	< 10	8			
596734	205 226	600	< 1	0.21	19	510	< 2	12	0.10	58	< 10	10			
596735	205 226	1050	< 1	0.38	17	690	< 2	27	0.19	48	< 10	28			
596736	205 226	395	< 1	0.82	56	870	4	77	0.32	97	< 10	76			
596737	205 226	1925	< 1	2.69	8	710	4	34	0.24	54	< 10	14			

CERTIFICATION: \_\_\_\_\_

**APPENDIX F**

**GEOLOGIST'S CERTIFICATE**

**GEOLOGIST'S CERTIFICATE**

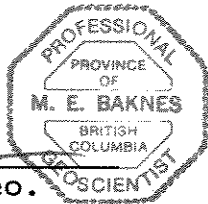
I, MARK E. BAKNES, of 4355 St. Catherines Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology.
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
4. THAT this report is based on fieldwork carried out under my direction in August 1994, government publications and assessment reports filed with the Yukon. I have examined the property in the field.

DATED at Vancouver, British Columbia, this 27th day of February, 1995.



Mark E. Baknes, P.Geol.



GEOLOGIST'S CERTIFICATE

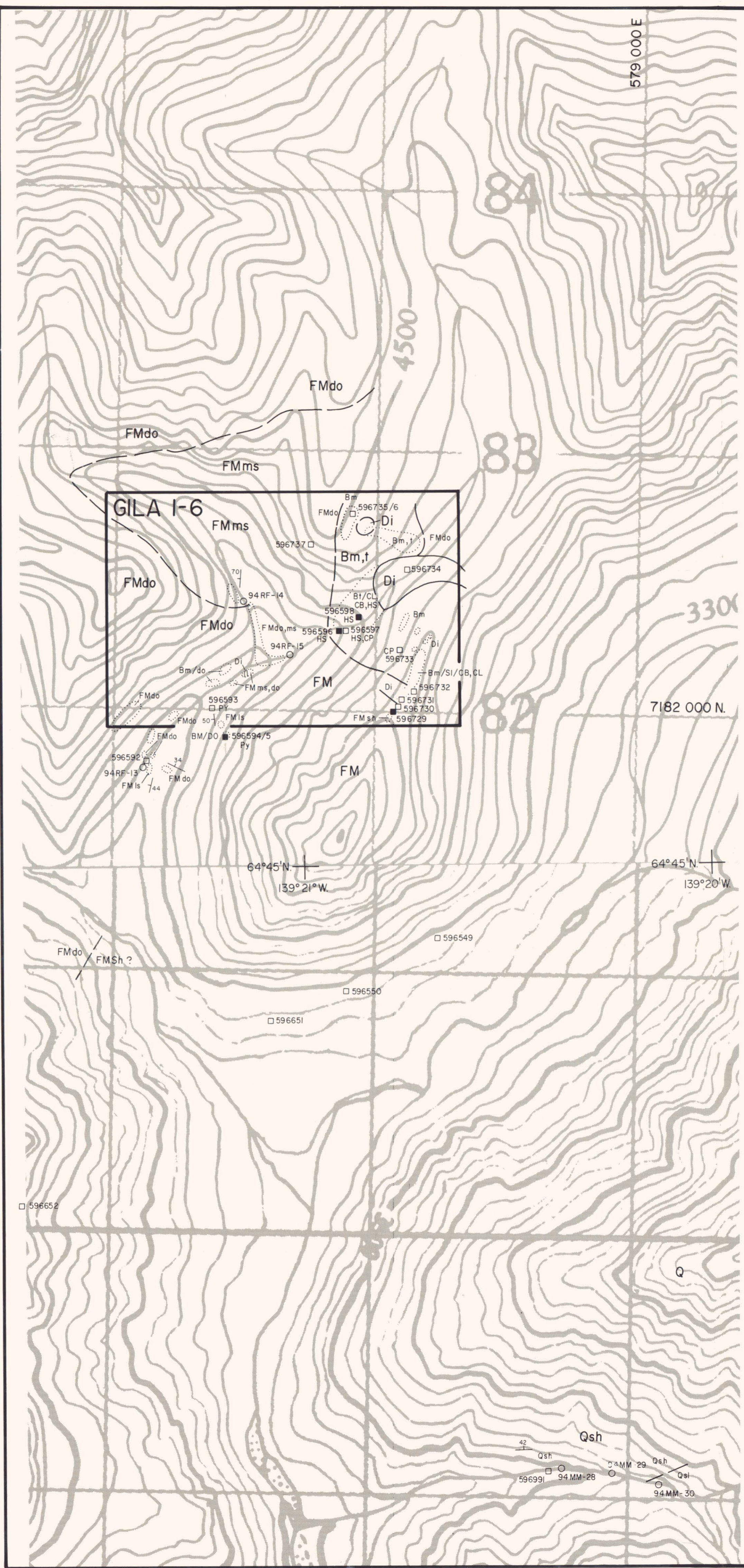
I, Robert B. Falls, of 103 - 2181 Panorama Drive, North Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of Toronto with a Bachelor of Science degree in Geology.
3. THAT this report is based on property work completed during 1994, government publications and assessment reports filed with the Yukon. I have examined the property in the field

DATED at Vancouver, British Columbia, this 23rd day of February, 1995.

  
Robert B. Falls, BSc

B14-4



gila

**LEGEND**

**LITHOLOGIES**

**PROTEROZOIC**

- Di Diorite
- B Breccia
- Bt Heterolithic breccia
- Bm Homolithic breccia

Note: Convention for breccia description; Breccia class/fragment type/matrix components, i.e. Bm/do/CL indicates a homolithic breccia, with dolostone clasts, and chlorite matrix.

**MIDDLE TO LATE PROTEROZOIC**

- FM Lower Fifteenmile Group
- FMdo orange-brown dolostone
- FMls dark grey limestone
- FMms dark grey mudstone

**SYMBOLS**

- Outcrop boundary
- Geological contact (approximate)
- ~ Fault (assumed)
- /// Bedding, Foliation, Jointing
- ↗ Lineation
- ↖ Vein
- Rock sample (float, outcrop)
- Silt sample
- Soil sample
- ... Contour soil line

**ROCK AND MINERAL ABBREVIATIONS**

ct	chert	CA	calcite
do	dolostone	CB	carbonate
ls	limestone	CL	chlorite
mg	grey mudstone	DO	dolomite
mm	maroon mudstone	EP	epidote
ms	mudstone	GR	graphite
qt	quartzite	JP	jasper
sh	shale	KF	orthoclase
sl	siltstone	PF	plagioclase
ss	sandstone	QZ	quartz
sw	stockwork	SD	siderite
		SI	silica

**METALLIC AND SECONDARY MINERALS**

CC	chalcocite	CP	chalcopyrite
GE	goethite	GL	galena
HE	hematite	HS	specularite
MC	malachite	PY	pyrite
SP	sphalerite		

**Gila**

**1994 Rock Geochemical Analyses**

Sample	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)
596549	<5	<0.2	10	<1
596550	<5	<0.2	13	<1
596592	<5	<0.2	<1	32
596593	<5	1.6	56	66
596594	<5	<0.2	<1	114
596595	<5	<0.2	<1	8
596596	<5	<0.2	15	1
596597	<5	<0.2	25	406
596598	<5	<0.2	22	3
596651	<5	<0.2	8	18
596652	<5	1.2	13	280
596729	60	0.6	17	2710
596730	<5	<0.2	4	85
596731	15	<0.2	4	325
596732	<5	<0.2	18	18
596733	<5	0.4	4	68
596734	<5	0.4	7	35
596735	<5	<0.2	12	63
596736	<5	<0.2	34	712
596737	<5	0.2	8	43
596991	<5	<0.2	12	<1

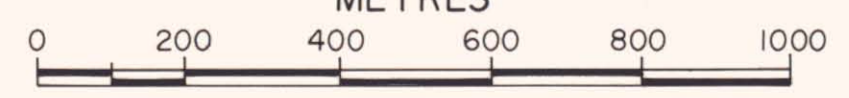
**1994 Silt Geochemical Analyses**

Sample	Au (ppb)	Ag (ppm)	Co (ppm)	Cu (ppm)
94RF - 13	<5	0.4	4	31
94RF - 14	<5	<0.2	5	35
94RF - 15	<5	0.2	2	25
94MM - 28	<5	<0.2	24	59
94MM - 29	<5	<0.2	24	54
94MM - 30	<5	0.2	23	72



TRUE NORTH IS 1°35' W.  
OF UTM GRID NORTH

**METRES**



093301

**PENDISLE RESOURCES LTD.**

**GILA I-6 CLAIMS  
GEOLOGY &  
GEOCHEMISTRY  
YUKON TERRITORY**

**PAMICON DEVELOPMENTS LTD.  
EQUITY ENGINEERING LTD.**

DRAWN:	J.W./R.F.	MINING DISTRICT:	DAWSON	FIGURE
N.T.S.:	116 B/14	SCALE:	1:10,000	<b>4</b>
DATE:		REVISED:		

DWG 1