

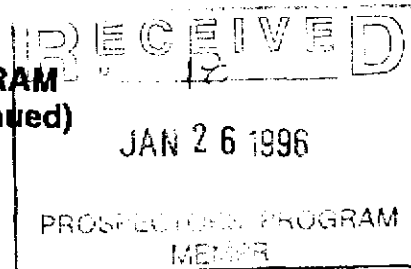
**BRITISH COLUMBIA**  
**PROSPECTORS ASSISTANCE PROGRAM**  
**MINISTRY OF ENERGY AND MINES**  
**GEOLOGICAL SURVEY BRANCH**

PROGRAM YEAR: 1995/1996

REPORT #: PAP 95-11

NAME: ARNE BIRKELAND

**BRITISH COLUMBIA  
PROSPECTORS ASSISTANCE PROGRAM  
PROSPECTING REPORT FORM (continued)**



**B. TECHNICAL REPORT**

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name ARNE BIRKELAND Reference Number 95-96-0018

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) JASPER MINFILE No. if applicable 092C 080  
092C 081  
092C 088

Location of Project Area NTS 92C/15 92C 089 Lat 48° 52' Long 124° 36'

Description of Location and Access The Property lies along 4 mile Creek and extends northward over the ridge to Jasper Creek. Track access is via logging roads from Port Alberni (50km) or Cowichan Lake (45km)

Main Commodities Searched For Cu, Zn, Pb, Au, Ag

Known Mineral Occurrences in Project Area JASPER 1, 092C 080 ;  
TAM 16, 092C 081 ;  
PAN-EAS4, 092C 088

WORK PERFORMED	
1. Conventional Prospecting (area)	<u>ROAD CUTS OVER 1000 Ha</u>
2. Geological Mapping (hectares/scale)	<u>SAME</u>
3. Geochemical (type and no. of samples)	<u>39 ROCK CHIP, 133 SOIL, 40 STREAM SEDIMENTS</u>
4. Geophysical (type and line km)	
5. Physical Work (type and amount)	
6. Drilling (no., holes, size, depth in m, total m)	
7. Other (specify)	

**SIGNIFICANT RESULTS**

Commodities Cu / Zn / Pb / Au / Ag Claim Name JAS 1, JAS 2

Location (show on map) Lat SEE FIG 4 AND 5, Long SEE ASSESSMENT REPORT

Best assay/sample type IBRANCH MAIN SHOWING 2.0% Cu, 3.2% Zn, 284 ppb Au over 2.7 m width  
PAN ROAD SHOWING 4.6% Cu, 17.4% Zn, 0.97% Au over 1.99 m trace width

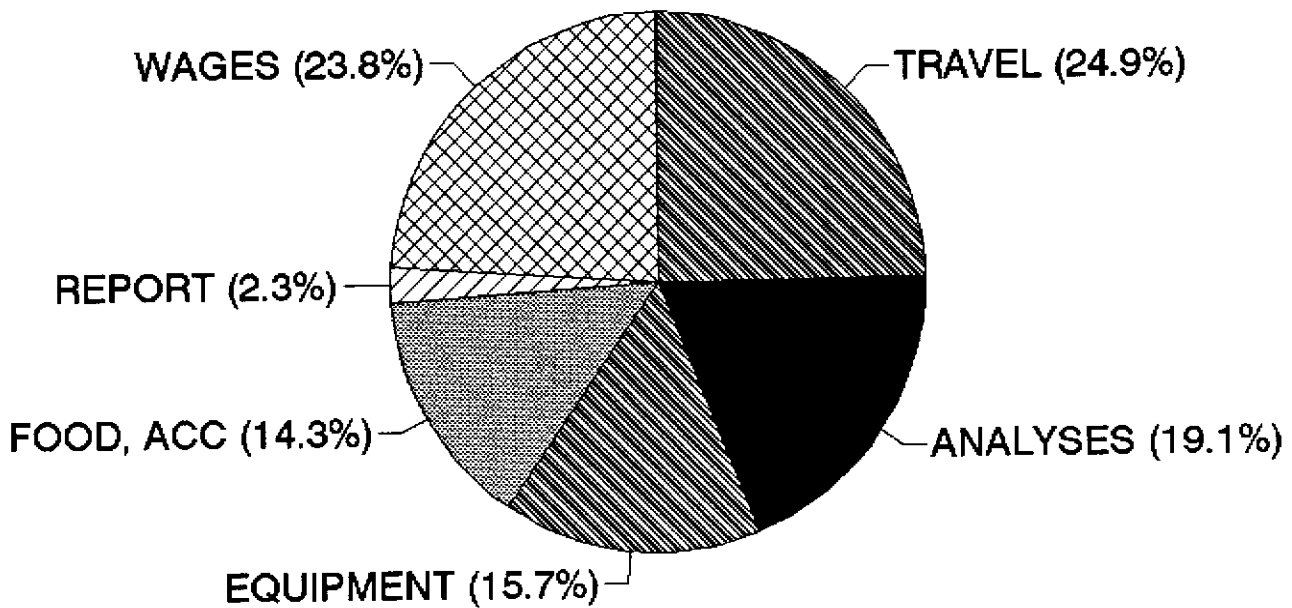
Description of mineralization, host rocks, anomalies The Jasper Property is underlain by mafic, intermediate and felsic subaqueous volcanics previously mapped as Bonanza group. A + 5 Km long altered pyritic gossan hosts at least 9 massive sulphide (>60% sulphides) showings. Mineralization consists of brecciated and/or banded pyrite, sphalerite, chalcopyrite ± galena. Soil and stream sediments are anomalous over a + 4 Km strike length of the gossanous alteration zone.

Supporting data must be submitted with this TECHNICAL REPORT

SEE ACCOMPANYING REPORT: GEOCHEMICAL AND GEOLOGICAL ASSESSMENT REPORT  
A.O. BIRKELAND JAN 9, 1996

RECEIVED  
JAN 26 1996  
PROSPECTORS PROGRAM  
MEMPR

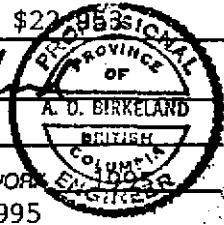
TABLE 2  
1995 PAP EXPENDITURES





TITLE OF REPORT [type of survey(s)] TOTAL COST  
GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT ON THE JASPER PROPERTY \$22,883.00

AUTHOR(S) A. O. Birkeland, P.Eng. SIGNATURE(S) A.O. Birkeland



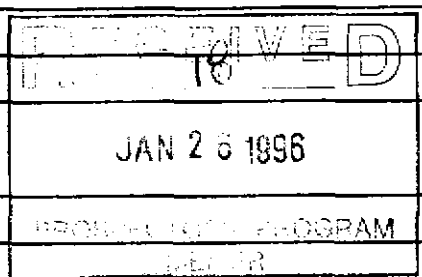
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) NAN -95-0800949-56 July 10, 1995 YEAR OF WORK  
STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) No. 3077535 October 13, 1995

PROPERTY NAME Jasper Property  
CLAIM NAME(S) (on which work was done) Jas 1, Jas 2

COMMODITIES SOUGHT Cu, Zn, Pb, Au, Ag  
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 092C 080, 081 and 088  
MINING DIVISION Victoria NTS 092C/15, 092C 088  
LATITUDE 48 ° 52 ' \_\_\_\_\_ LONGITUDE 124 ° 36 ' \_\_\_\_\_ (at centre of work)

OWNER(S)  
1) A. O. Birkeland 2) \_\_\_\_\_

MAILING ADDRESS  
4005 Brockton Cres.  
North Vancouver, B.C.  
V7G 1E5



OPERATOR(S) [who paid for the work]  
1) A. O. Birkeland 2) \_\_\_\_\_

MAILING ADDRESS  
Same

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
The property is underlain by mafic to felsic sub-aqueous volcanics mapped as lower  
Jurassic Bonanza Group. A northerly trending gossanous alteration zone with a strike  
length in excess of 5 km hosts at least 9 massive sulphide showings. Best assays for  
the current program were 4.59% Cu and 17.37 % Zn over 1.99 m. at the Pan Road Showing.  
Soil and stream sediment anomalies occur over a plus 4 km strike length.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 17105, 16700, 12,260, 13,916

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping	1:5,000 Road cuts over 1,000 Ha	Jas 1, Jas 2	\$12,000
Photo Interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for ...)</b>			
Soil	133	Jas 1, Jas 2	\$ 4,520
Silt	40	Jas 1, Jas 2	\$ 4,522
Rock	39	Jas 1, Jas 2	\$ 1,911
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST</b>			<b>\$22,953</b>

**GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT**  
**ON THE**  
**JASPER PROPERTY, VICTORIA M.D.**  
**VANCOUVER ISLAND, B.C.**

**NTS: 092C 088**

**LAT: 48° 52'; LONG: 124°; 36'**

**REPORT BY OWNER**  
**ARNE O. BIRKELAND, P.ENG.**  
**ARNEX RESOURCES LTD.**

**January 9, 1996**

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APPENDIX

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APPENDIX IV	ANALYTICAL RESULTS AND CERTIFICATES
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1	92C	Property Location Map	1:250,000	3
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4	92C/15	Roadcut Geology, North Sheet	1:5,000	In Pocket
5	92C/15	Roadcut Geology, South Sheet	1:5,000	In Pocket
6	92C/15	Soil and Stream Sediment Geochemistry, North Sheet	1:5,000	In Pocket
7	92C/15	Soil and Stream Sediment Geochemistry, South Sheet	1:5,000	In Pocket
8	92C/15	Soil and Stream Sediment Geochemistry, Anomalous Values, North Sheet	1:5,000	In Pocket
9	92C/15	Soil and Stream Sediment Geochemistry, Anomalous Values, South Sheet	1:5,000	In Pocket
10		Pan Road Showing, Detailed Sketch Map	1:200	14
11		Upper Camp Creek Showing	1:10	15

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## **GEOLOGICAL AND GEOCHEMICAL REPORT**

### **JAS PROPERTY, VICTORIA M.D.**

#### **1.0 INTRODUCTION**

##### **1.1 General**

A 38 man-day field program was conducted on the Jas 1 and Jas 2 Mineral Claims during the period August 15 to August 31, 1994. The field work consisted of reconnaissance road-cut geologic mapping over a 1,000 Ha area, rock chip sampling, road-cut and grid soil geochemical sampling, and stream sediment sampling. Thirty-nine rock chip, 133 soil and 40 stream sediment samples were taken and analyzed by Chemex Labs. A total expenditure of \$22,953 was incurred (APPENDIX I). The work was conducted under work permit number NAN950800949-56.

##### **1.2 Property Tenure**

The Jasper Claim group consists of the Jas 1 and 2 Mineral Claims which total 40 units (Table 1, Figure 2). The property is 100% owned by A. O. Birkeland of North Vancouver, B.C.

Table 1  
Jas 1 Claim - Mineral Tenure

Claim Name	Record #	No of Units	Expiry Date
Jas 1	328705	20	07/23/99
Jas 2	331922	20	10/22/99

### 1.3 Location, Access, Physiography and Climate

The Jasper Property is located in BCGS Map Sheet 092C 088 (NTS 92C/15, Figures 1 and 2). The Jasper property lies along Four Mile Creek and extends over the height of land to the tributaries of Jasper Creek. Logging road access is via Port Alberni or Cowichan Lake. J Branch road accesses the northern portion of the property; Caycuse main the southern portion.

Steep, incised drainages with rugged relief to approximately 300 metres characterizes the physiography of the area. Much of the region has been logged in recent years and young second growth forest is present over most of the claims. Climatic conditions are temperate.

# MÉTRIQUE

CAPE FLATTERY  
92 C

Port Alberni 32 km

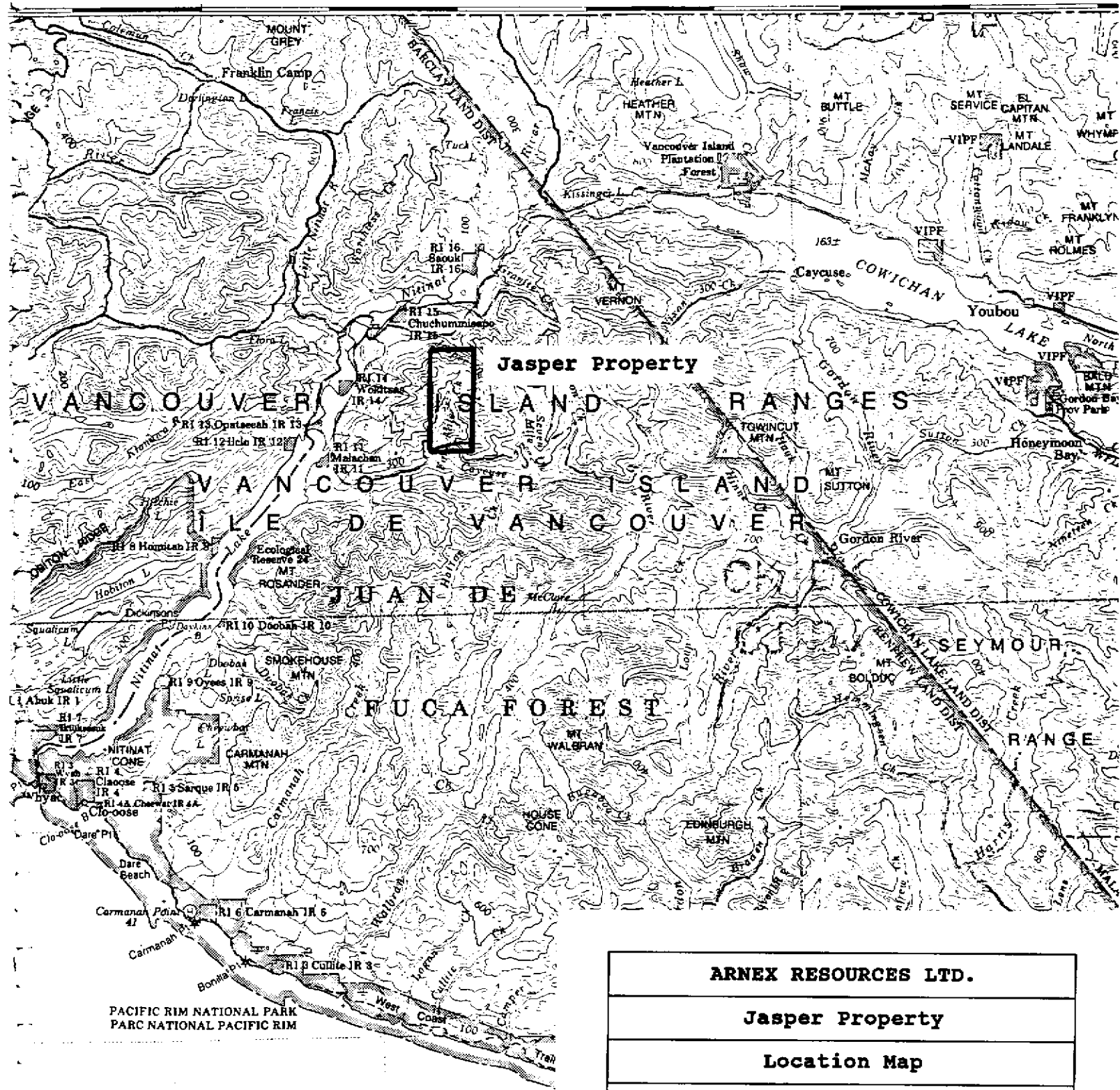
Port Alberni 34 km

45'

30'

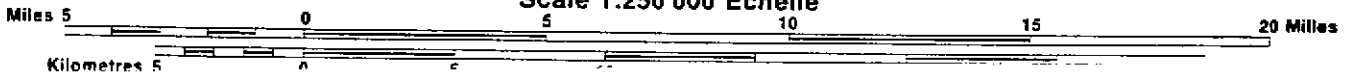
DUNSMUIR LAND DISTRICT

15'



<b>ARNEX RESOURCES LTD.</b>
<b>Jasper Property</b>
<b>Location Map</b>
<b>Scale: 1:250,000</b>
<b>September, 1995</b>

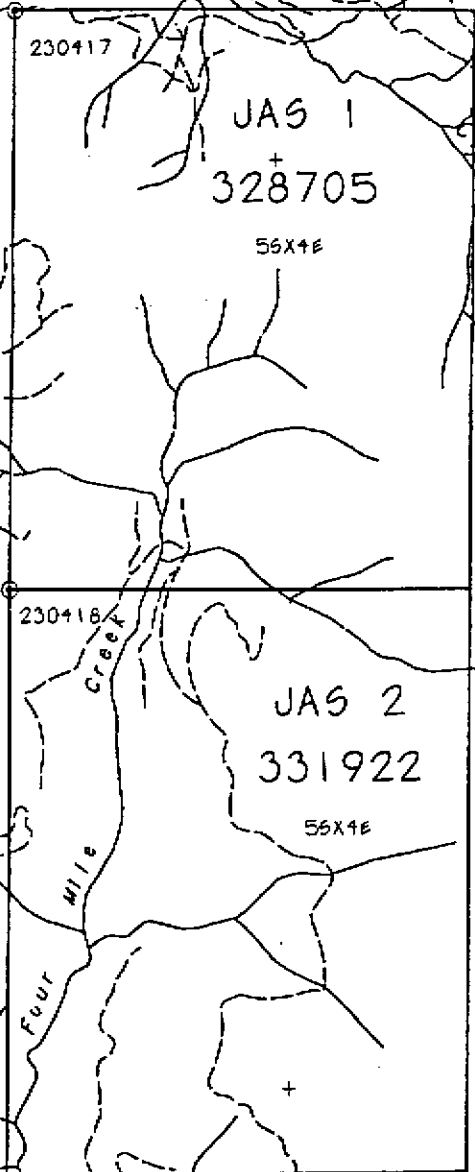
Figure 1



Scale 1:250 000 Échelle

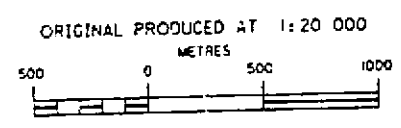
JUAN

VICTORIA M.D.  
MINERAL RESERVE  
O/C 95 (15 JAN-1976)  
NO STAKING  
BC 80082



PROVINCE OF  
BRITISH COLUMBIA  
MINISTRY OF  
ENERGY, MINES AND  
PETROLEUM RESOURCES

MINERAL TITLES REFERRED TO  
MAP 092C088  
U.T.M. ZONE 10  
LAST MAP UPDATE: 1995 MAY 27



ADMINISTRATIVE AREAS  
MINING DIVISION: ALBERNI  
VICTORIA

<b>ARNEX RESOURCES LTD.</b>
<b>Jasper Property</b>
<b>Claim Location Map</b>
<b>Scale: 1:20,000</b>
<b>September, 1995</b>

Figure 2

#### 1.4 History

The current Jasper Property consists of three former Minfile occurrences known from north to south as the Jasper 1 (092C 080), Tam 16 (092C 081) and Pan-Easy (092C 088) prospects. The Tam and Easy properties were previously staked by Hudson Bay Mining and Smelting who conducted geological mapping, soil and rock chip geochemistry and an IP geophysical survey in 1970 and 1971. Also in 1971, Marshall Creek Copper conducted an extensive soil sampling program on the Pan, Easy and Tam properties. It is reported that Noranda conducted a regional magnetic survey during this era, but no information regarding the results were filed as a matter of public record.

The next period of exploration activity occurred in 1980 and 1981 when Malibar Mines conducted soil sampling on the Jasper property. In 1984 a prospecting program was carried out by Ron Bilquest followed by a geological, soil and VLF-EM program by Falconbridge in 1985. Asamara then conducted a brief geology, soil sampling and EM program in 1987.

The properties were then allowed to lapse and were relocated by the current owner in the summer and fall of 1994. This was the first time the all the prospects were held under one ownership. A detailed geologic mapping and sampling program was then carried out by the author in August, 1994 on the J Branch Main Showing.

## 2.0 GEOLOGY

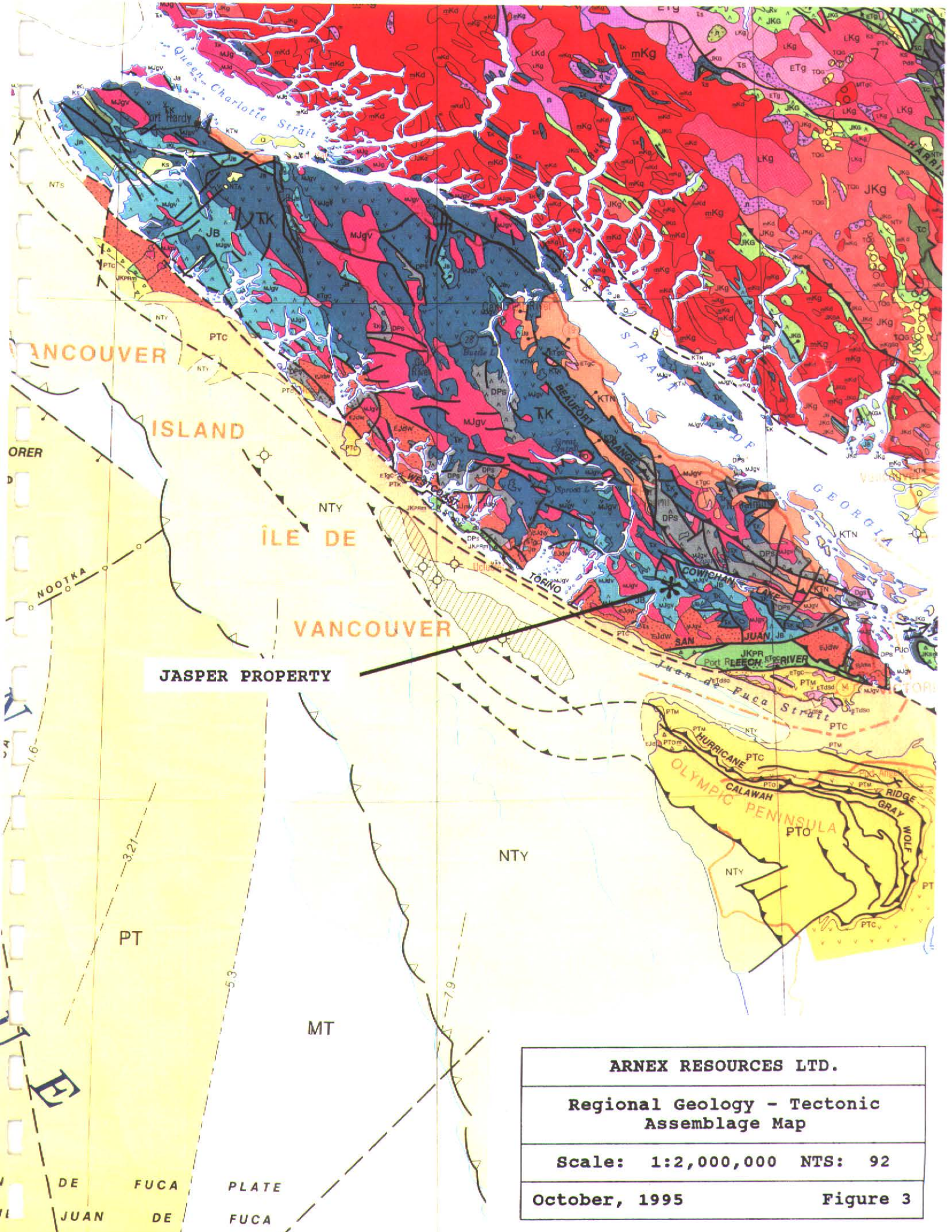
### 2.1 Regional Geology

Vancouver Island lies within the Canadian Cordillera within terrain classified as Wrangellia. Central and western Vancouver Island is predominantly underlain by Paleozoic and Mesozoic strata intruded by Jurassic and Tertiary Intrusions (Fig 3).

The Jasper property is hosted in a belt of rocks mapped as lower Jurassic Bonanza group which trends southeasterly from Nitinat Lake through Gordon River, south of Cowichan Lake.

The Bonanza Group in this vicinity consists of a variety of maroon to grey-green, feldspar phyric basalt and andesite flows, dacite and felsic lapilli tuff containing various minor gabbro, andesite and dacite dykes. There is a lack of lithologic continuity and distinct marker beds are absent. In the basal part of the sequence, sedimentary rocks are found interbedded with lapilli and crystal tuffs and a sub-aqueous environment is indicated.

Several granodiorite Island Intrusion stocks occur in the area. The coeval stocks are regular to elongated in shape with steep sides. The major lithology is granodiorite to quartz-diorite and most of the stocks are rich in mafic inclusions, particularly in



**JASPER PROPERTY**

<b>ARNEX RESOURCES LTD.</b>	
<b>Regional Geology - Tectonic Assemblage Map</b>	
<b>Scale: 1:2,000,000</b>	<b>NTS: 92</b>
<b>October, 1995</b>	<b>Figure 3</b>

# TECTONIC ASSEMBLAGE MAP LEGEND

## UPPER CRETACEOUS - OLIGOCENE

**KTn** NANAIMO fault-trough clastic wedge

**KTb** BRAZEAU foredeep clastic wedge

## UPPER UPPER CRETACEOUS

**uKc** CARMACKS transtensional arc volcanics

**uKy** YAKUTAT accretionary prism

## UPPER CRETACEOUS

**uKm** MIDNIGHT PEAK transpressional arc volcanics

**uKh** HONNA easterly derived clastic wedge

**uKv** VIRGINIAN RIDGE westerly derived clastic wedge

**uKt** TREVOR southwesterly derived clastic wedge

**uKs** SMOKY foredeep marine shales

## CRETACEOUS

**Kv** VALDEZ accretionary prism

**Ks** SKEENA easterly derived back-arc clastics

## MID-CRETACEOUS

**mKs** SOUTH FORK transtensional cauldron-subsidence and arc volcanics

**mKb** BLAIRMORE foredeep clastic wedge

## LOWER CRETACEOUS

**IKL** LONGARM clastic wedge

## UPPER JURASSIC - LOWER CRETACEOUS

**JKPR** PACIFIC RIM mélangé and chert-volcanic assemblage on Upper Triassic calc-alkaline arc volcanics

**JKs** SAN JUAN imbricate, amalgamated mélangé terrane

**JKG** GAMBIER arc and locally, rift volcanics

**JKR** RELAY MOUNTAIN easterly derived clastics

**JKk** KOOTENAY foredeep clastic wedge

**JKP** PARSONS continental margin clastics; JKPA in Arctic Alaska Terrane; JKPP in Porcupine Terrane

## MIDDLE AND UPPER JURASSIC

**JBL** BOWSER LAKE back-arc (?) and foredeep clastic wedge on Stikinia

## LOWER AND MIDDLE JURASSIC

**JB** BONANZA arc volcanics and near-shore clastics in Wrangellia

**JHL** HARRISON LAKE arc volcanics

**Js** SHUKSAN near-arc oceanic marginal basin crust and sediments

**JL** LADNER arc clastics and volcanics

**JH** HAZELTON volcanic arc complexes in Stikinia

**JT** TAKWAHONI Stikinia arc-derived clastics

**Ji** INKLIN arc clastics above Cache Creek Terrane

**JHA** HALL Quesnellia arc-derived clastics

## TRIASSIC - JURASSIC

**TJS** SPRAY RIVER continental margin prism; **TJSA** in Arctic Alaska Terrane; **TJSP** in Porcupine Terrane; **TJSC** in Cassiar Terrane; **TJSCA** in Cariboo Subterrane

## UPPER TRIASSIC - LOWER JURASSIC

**TJSE** SETTLER oceanic crust and oceanic sediments

**TJc** CULTUS arc clastics in Chilliwack Terrane

**TJN** NICOLA arc volcanics in Quesnellia

## UPPER TRIASSIC

**TK** KARMUTSEN rift volcanics in Wrangellia

**TH** HYD bimodal rift volcanics in Alexander Terrane

**Tc** CADWALLADER arc clastics and volcanics

**Ts** STUHINI arc volcanics in Stikinia

**TL** LEWES RIVER arc clastics, in part in Cache Creek Terrane

**TKU** KUTCHO arc volcanics in Cache Creek Terrane

**PKT** undivided TAKU assemblage

## PERMIAN - TRIASSIC

**PTA** Undivided Alexander Terrane sediments and volcanics



# TECTONIC ASSEMBLAGE MAP LEGEND

## PERMIAN - JURASSIC

**PJb** BRIDGE RIVER accretionary prism and oceanic crust

**PJo** ORCAS oceanic volcanics and sediments

## PERMIAN

**Pp** PYBUS platform sediments and volcanics

**PH** HALLECK sediments and volcanics

**PJ** JUNGLE CREEK clastics mainly derived from uplift of ancestral Aklavik Arch; PJP in Porcupine Terrane

## CARBONIFEROUS - JURASSIC

**CTt** TOZITNA oceanic volcanics and sediments

**MTs** SHEENJEK oceanic volcanics and sediments

## PENNSYLVANIAN - PERMIAN

**PPs** SKOLAI arc volcanics and sediments in Wrangellia

**PPI** ISHBEL faulted passive continental margin sediments; PPICA in Cariboo Subterrane

## MISSISSIPPIAN - UPPER TRIASSIC

**MTc** CACHE CREEK oceanic volcanics and sediments and local accretionary prism mélangé

## DEVONIAN - TRIASSIC

**DTH** HARPER RANCH arc clastics; basement of Quesnellia

**DTs** SLIDE MOUNTAIN oceanic marginal basin volcanics and sediments

## DEVONIAN - PERMIAN

**DPC** CANNERY offshore clastics

**DPCH** CHILLIWACK arc volcanics and clastics

**DPA** ASITKA arc volcanics and platform carbonates; basement of Stikinia

**DPS** SICKER arc volcanics clastics and platform carbonates; basement of Wrangellia

## CARBONIFEROUS - PERMIAN

**CPA** ANARCHIST oceanic volcanics and sediments; basement of Quesnellia

**CPO** Outer detrital clastics; CPOP in Porcupine Terrane

## CARBONIFEROUS

**CI** IYOUKEEN platform carbonate

**CD** DORSEY marginal basin chert and clastics

## DEVONIAN - MISSISSIPPIAN

**DME** EARN fault-trough clastic wedge. DMEP in Porcupine Terrane; DMEC in Cassiar Terrane; DMECA in Cariboo Subterrane

**DMI** IMPERIAL distal northerly derived clastic wedge, DMIA Arctic Alaska Terrane

**DMB** BESA RIVER most distal part of northerly derived Imperial Assemblage and westerly derived Earn Assemblage; upper Devonian shale partly derived from craton

## DEVONIAN - CARBONIFEROUS

**DCR** RUNDLE continental shelf carbonate and shale; DCRC in Cassiar Terrane

## DEVONIAN - CRETACEOUS

**DKWR** WHITE RIVER mixed assemblage of Paleozoic-lower Mesozoic oceanic rocks including undated clastics like those in the Gambier Assemblage

## DEVONIAN

**Dc** CEDAR COVE platform carbonate and rift volcanics

**DK** KARHEEN post-Klakas Orogeny clastic wedge

## ORDOVICIAN - TRIASSIC

**OTA** Undivided phyllite in Alexander Terrane, OTAD includes Devonian to Triassic rocks in Duncan Canal Shear Zone

**OTS** SHOEMAKER enigmatic assemblage of Paleozoic oceanic tuffs and sediments and Triassic arc (?) volcanics and sediments in Okanagan subterrane of Quesnel Terrane

## ORDOVICIAN - DEVONIAN

**ODK** KASKAWULSH back-arc carbonate and pelite

**ODd** DONJEK back-arc volcanic clastics

## ORDOVICIAN - SILURIAN

**OSd** DESCON oceanic arc volcanics and sediments

## UPPER PROTEROZOIC - PALEOZOIC

**PPEK** EAGLE BAY clastics and volcanics of pericratonic Kootenay Terrane and Devonian and older magmatic arc rocks in Yukon-Tanana Terrane

## UPPER PROTEROZOIC - TRIASSIC

**PTNK** NISUTLIN cataclastic sediments and volcanics of pericratonic Kootenay Terrane

## CAMBRIAN - DEVONIAN

**CDN** NASINA partly metamorphosed carbonaceous and siliceous offshore sediments

**CDR** ROCKY MOUNTAINS passive continental margin sediments; CDRA in Arctic Alaska Terrane; CDRP in Porcupine Terrane; CDRC in Cassiar displaced passive margin terrane; CDRCa in Cariboo displaced offshore passive margin terrane

## MIDDLE CAMBRIAN

**mCr** Rift assemblage

## UPPER PROTEROZOIC - LOWER CAMBRIAN

**PCW** WALES metamorphosed oceanic arc volcanics

**PCN** NISLING metamorphosed passive continental margin assemblage

marginal zones where magmatic intrusive breccias are developed. Stocks are rounded in outcrop shape.

Numerous RGS anomalies and Minfile occurrences are known within this belt and both porphyry and VMS style mineralization has been reported by BCGS geologists. Porphyry style Cu-Mo occurrences are commonly associated with high level sub-volcanic dykes and sills. Massey and Friday note VMS stratigraphic mineral potential where reported "*sulfidic argillites are found interbedded with tuffs*" in the basal part of the Bonanza sequence.

## 2.2 Property Geology

The Jasper property is underlain by mafic to felsic volcanic rocks which have been previously mapped as Bonanza group. The central part of the property is underlain by a north-south trending sequence of intermediate flows and flow breccias which are flanked to the east by mafic flows (Figures 4 and 5). A wedge shaped body of felsic flows overlies the mafic rocks to the east. Felsite dykes intrude the intermediate and mafic volcanics and are likely feeders to the younger felsic flows. Often the intermediate and mafic flows and flow breccias are massive and bedding orientation is impossible to determine. Local foliation is oriented north-south.

Lithologic descriptions for the map units depicted in Figures 4 and 5, Roadcut Geology, are as follows:

**Map Unit 1. Mafic Volcanics**

A thick monotonous massive mafic volcanic assemblage appears to be the lowest stratigraphic unit on the property. The sequence is made up of thick featureless flows and minor flow breccias. The rocks are dark green in color, are fine grained and are locally feldspar pyrrhic. Epidote and hematite alteration is often present as well as quartz and calcite stringers and veins. Remnant pillow structures and calcite clots (occurring at the interstices of pillows) are evidence of a subaqueous depositional environment.

**Map Unit 2. Intermediate Volcanics**

Map Unit 2 consists of a thick succession of andesitic to dacitic flows and flow breccias. The rocks are light green to light grey in colour and are predominantly fine grained in the featureless flows. Flow breccias are often dacitic in composition and contain angular hetrolithic fragments to 30 cm in size.

**Map Unit 3. Felsic Volcanics**

The felsic volcanic unit occurs to the east of the Main Showing area in the central portion of the north map sheet.

The unit consists of a pale apple green to creamy grey, very fine grained (glassy) rhyolite, commonly with conchoidal fracture. Flow banded textures are locally common.

#### Map Unit 4. Argillite

The argillite unit has only been found locally on the road to the east of the Main Showing. Large blocks of subcrop consist of medium to thick bedded, dark grey, very fine grained argillite. The beds are locally calcareous and/or graphitic.

#### Map Unit 5. Hematite Breccia

The hematite breccia unit occurs in the spur road to the northeast of the Main Showing and on the lower J Branch road. The unit consists of rouge, friable poorly consolidated agglomerate of subrounded mafic volcanic clasts in a hematitic matrix.

#### Map Unit 6. Hornblend Porphyry Dyke

A thick (20 m) hornblend porphyry dyke was mapped in the extreme southern portion of Figure 5 map sheet. The rock contains light to medium grey, fine grained andesitic matrix with coarse euhedral hornblend and feldspar porphyroblasts.

Argillic alteration and pyrite mineralization occurs at the dyke margins.

### **2.3 Structure and Alteration**

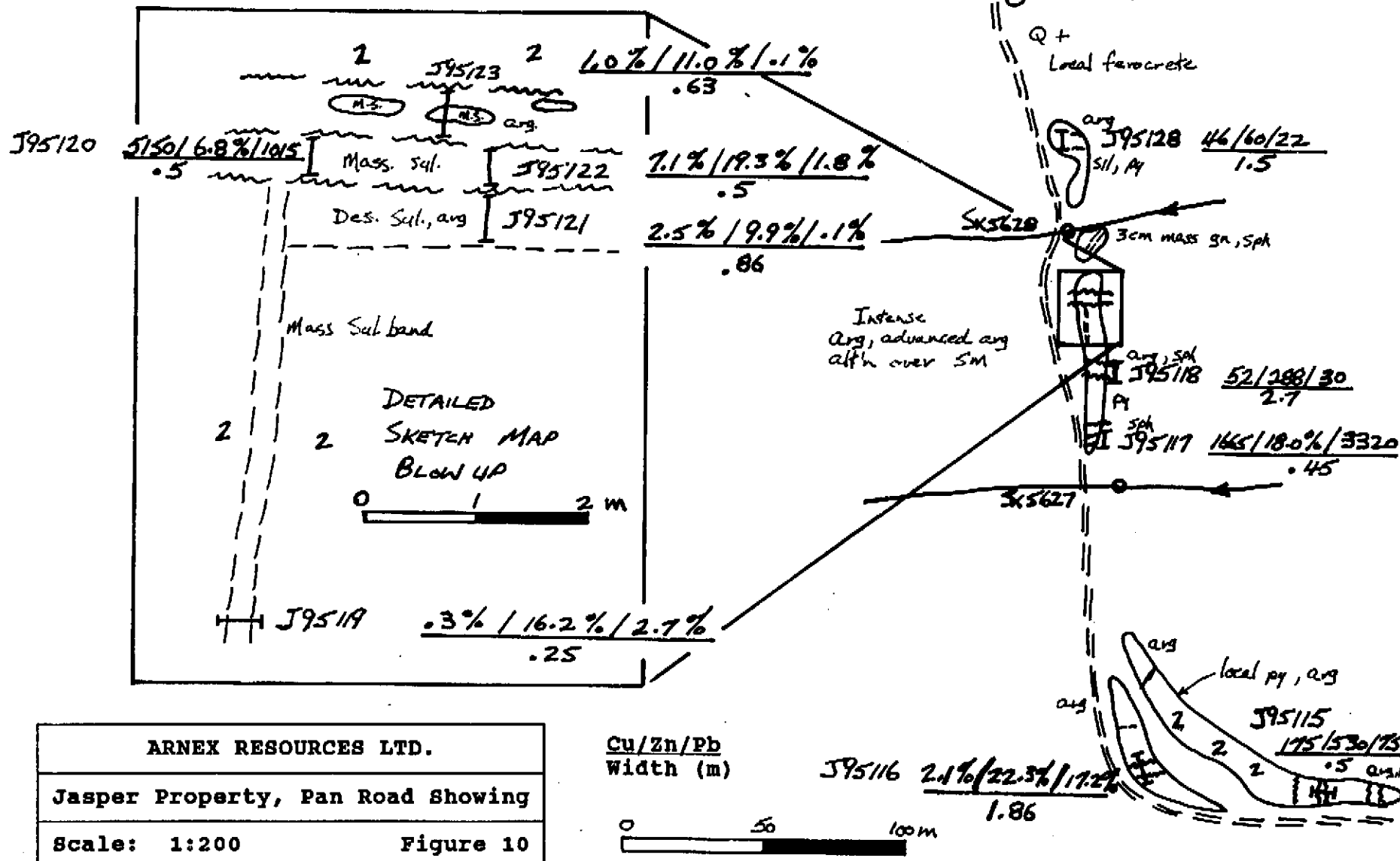
A late major fault suture cuts Vancouver Island from the mouth of the Carmanah River on the west coast to Qualicum Beach on the east coast. Four Mile Creek and the Main Showing on Jasper Ridge occur along the major fault structure. A north trending gossanous alteration zone with a strike length greater than 5 km lies along the fault from the Caycuse Creek drainage in the south to the Nitinat Valley in the north. The alteration zone is characterized by moderate to intense argillization and silicification accompanied by ubiquitous pyrite flooding. Coincidental narrow fault and fracture zones often emanate at right angles to the main north trending fault system.

### **2.4 Mineralization**

At least nine high-grade Cu, Zn +/- Pb sulphide showings have been identified on the property to date.

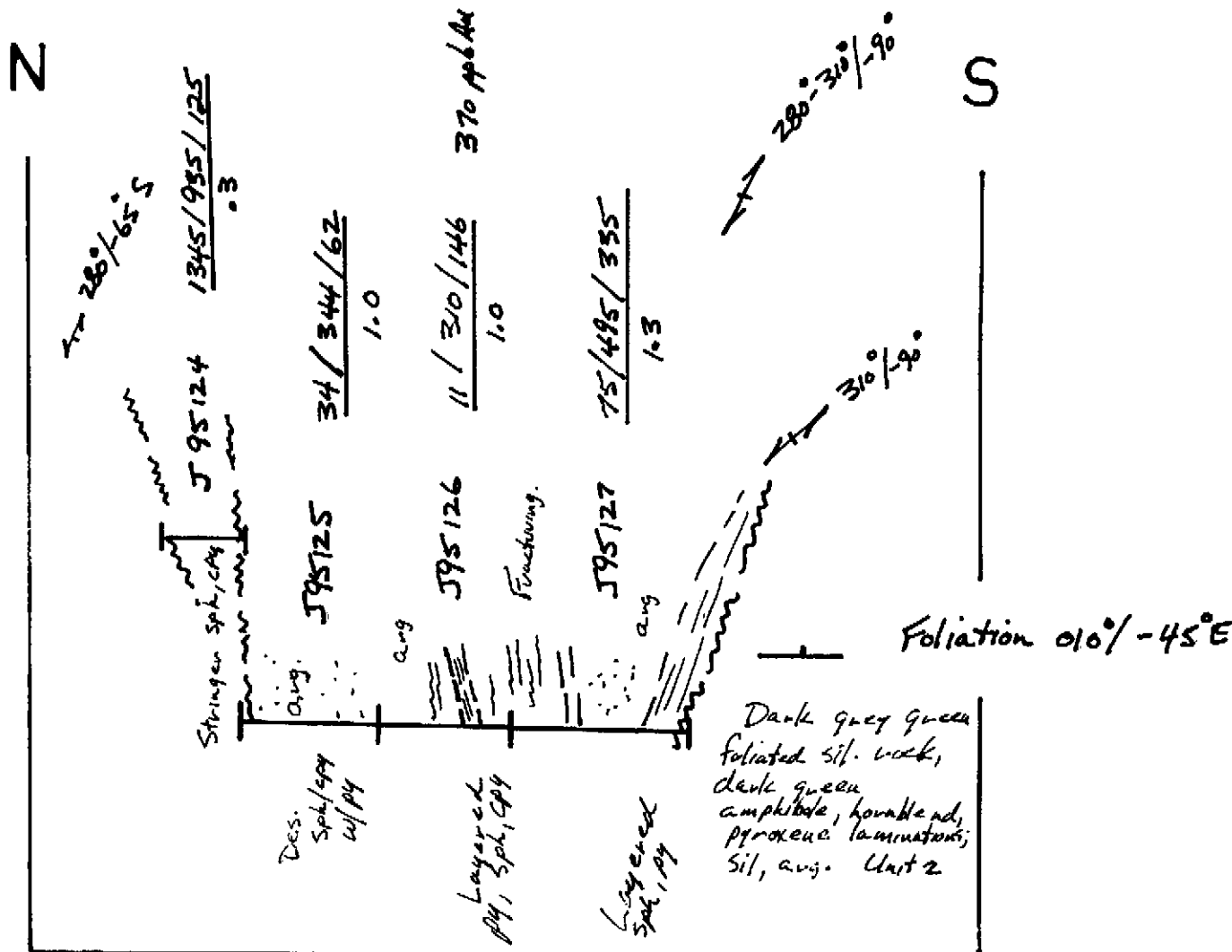
At the J-Branch Main Showing at the Jasper Minfile Occurrence, two massive sulphide lenses are traceable in outcrop in road-cuts over a strike length of +44 m. Representative continuous chip sampling reported in a previous assessment report returned

SAMPLE NO.	Cu %	Zn %	Pb %	WIDTH M	Cu %*M	Zn %*M	Pb %*M
95121	2.50	9.90	0.13	0.86	2.15	8.51	0.11
95122	7.12	19.30	1.81	0.50	6.12	16.60	1.56
95123	1.00	11.00	0.12	0.63	0.86	9.46	0.10
SUM %*M				1.99	9.13	34.57	1.77
SUM/WIDTH %				4.59	17.37	0.89	



ARNEX RESOURCES LTD.  
 Jasper Property, Pan Road Showing  
 Scale: 1:200 Figure 10

Cu/Zn/Pb  
 Width (m)  
 0 50 100m



Cu/Zn/Pb  
Width (m)



ARNEX RESOURCES LTD.

Jasper Property, Upper Camp Creek  
Showing

Cross Section Sketch Map,  
Looking East

Scale: 1:10.

Figure 11

weighted grades of over 2% Cu and 3% Zn over true widths of up to 2.7 m.

To the north, a narrow massive pyrite and chalcopyrite zone returned values of 13.3% Cu over 0.3 m width at sample Rx J95100. To the south in the vicinity of Four Mile Creek, values of up to 2.1% Cu and 7.9% Zn occur in narrow massive sulphide zones at samples Rx J95101 and Rx J95107 respectively (Figure 4).

The best showing sampled to date in the south map sheet occurs at the Pan Road Showing (see Figure 5 and Figure 10). A weighted average interval over 1.99 m width returned values of 4.59% Cu, 17.37% Zn and 0.89% Pb with precious metal credits. A showing approximately 100 m to the south at sample Rx J95116 returned 2.13% Cu, 22.3% Zn and 17.2% Pb over 1.86 m. Approximately 700 m north of the Pan Road Showing is the Upper Camp Creek Road Showing (Figure 11) where anomalous Cu and Zn values occur over a 3.6 m width.

### **3.0 SOIL AND STREAM SEDIMENT GEOCHEMISTRY**

Over 4,000 soil samples located on three principle grids are reported to have been taken historically on the property, although only limited soil sampling was conducted on the J-Branch Main Showing. Essentially, previous soil sampling indicates coincident anomalous Cu-Zn +/- Ag-Au over a +4 km strike length within the altered gossan zone.



### 3.1 Methodology

The objectives and the resulting geochemical program being reported is as follows:

- to sample the J Branch Main Showing, a detailed soil grid was established with 100 m line spacing and 50 m sample spacing,
- to soil sample all roadcuts not previously sampled, sampling was carried out along the Caycuse logging road system in Four Mile Creek,
- to confirm previous soil anomalies reported in the Pan showing area, a reconnaissance soil line was run down the ridge with a sample spacing of approximately 50 m.,
- to moss mat or stream sediment sample drainages not previously sampled, sampling was conducted in the Four Mile drainages and in tributaries of Jasper Creek.

Sample observations were recorded and are reported in Appendix III, Geochemical Data Sheets.

Soil and Stream Samples were dried and sieved to -80 mesh and analyzed by ICP-32 analytical techniques (See Sample Preparation, Analytical Techniques and Certificates of Analysis, Appendix IV).

### 3.2 Results

Analytical Results, Analytical Certificates and geostatistics for selected elements are appended as Appendix IV. Soil and Stream

sediment locations and results are appended as Figures 6 and 7. Anomalous results are plotted on Figures 8 and 9.

Highly anomalous values were encountered from the soil grid on the Main Showing. Values of up to 810 ppm Cu and 342 ppm Zn occur within a minimum 300 m long anomaly. Stream sampling in this area was also highly anomalous returning values of up to 527 ppm Cu and 574 ppm Zn.

Stream sediments and soil samples taken along the highest logging road in both flanks of the headwaters of Four Mile Creek are also highly anomalous. Soil values of up to 458 ppm Cu and stream sediment values to 612 ppm Cu and 830 ppm Zn occur near the road along the creek; values to 544 ppm Cu, 184 Zn, 20 ppb Au and 2.0 ppm Ag occur along the upper road approximately 150 ft vertically above the creek side anomalies. The anomalous zone in this area has an apparent width of approximately 500 m and indicates approximately a 1.5 km strike length to the Main Showing. The anomaly is open at both ends. Stream sediment sampling in tributaries of Jasper Creek approximately 600 m northwest of the Main Showing also encountered highly anomalous values of up to 153 ppm Cu and 872 ppm Zn.

In the south map sheet, the reconnaissance soil line down Pan Ridge encountered very highly anomalous results. Of 12 samples taken, 6 returned Cu values >210 ppm Cu (max. 741 ppm) and 4 samples had values >260 ppm Zn (max. 796 ppm). The soil anomaly

down Pan Ridge appears to have an apparent width of +500 m. Stream sediment sampling from Four Mile and Pan Creek in this vicinity returned values of 140 and 120 ppb Au respectively.

Numerous soil and stream sediment samples are also strongly anomalous in the vicinity of the Pan Road Showing. Anomalies occur along three road switch-back levels which transgress an elevation difference of approximately 200 ft over an apparent width of 900 m.

Soil and Stream sediment anomalies also occur between the Pan showing areas and the anomalies in upper Four Mile Creek. Stream sediment values of up to 308 ppm Cu and 624 ppm Zn also occur at the souther boundary of the claim group.

All geochemical anomalies appear to be related to the argillic, pyritic alteration zones which are the host of the known sulphide showings. Numerous anomalies occur where no mineralization has been identified to date indicating additional showings have yet to be found.

#### **4.0 CONCLUSIONS**

On the Jasper property, a very large hydrothermal system has resulted in the formation of a northerly trending extensive alteration zone with a strike length >5 km. Within the alteration zone, three documented Minfile occurrences are present

which have seen historical geological, geochemical and prospecting programs conducted with encouraging results and several mineralized showings are also known.

At the J Branch Main Showing, two massive sulphide lenses approximately of 0.8 m to 1.2 m (up to 2.7 m) width grading +2% Cu and + 3% Zn outcrop over a strike length of 44 m. At the Pan Road Showing, an average weighted interval over 1.99 m width grades 4.6% Cu and 17.4% Zn. At least nine massive sulphide showings are reported hosted in the altered gossan zone.

Soil and stream sediment sampling indicates coincident anomalous Cu-Zn +\ - Ag-Au over a +4 km strike length within the altered gossan zone. At the J Branch Main Showing, a +300 m long anomaly contains soil values of up to 810 ppm Cu and 342 ppm Zn and stream sediment values of up to 527 ppm Cu and 574 ppm Zn. Highly anomalous values were also encountered on the Pan soil line where values were up to 741 ppm Cu and 796 ppm Zn.

It is possible that some of the known mineralized outcrop showings are of the volcanogenic massive sulphide class and have previously not been readily recognizable because recent Tertiary age faulting and alteration has slightly dislocated, re-mobilized and overprinted the original metallogenic setting.

The property exhibits the following characteristics common to volcanogenic environments:

Massive sulphide showings are stratabound with (poorly developed) foliation and are generally at the contacts between subaqueous mafic, intermediate and felsic differentiated volcanic units.

At the J Branch Main Showing, chloritic alteration is present in what appears to be the structural footwall of the mineralized zone; re-mobilized chert? appears present in the structural hangingwall and is reported elsewhere on the property.

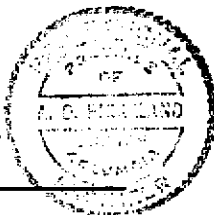
Massive sulphide mineralization commonly demonstrates compositional layering or crude banding of chalcopyrite, sphalerite and pyrite. Large (up to 1 m) massive sulphide fragments are present in some massive sulphide lenses which also contain (co-genetic?) mafic and felsic volcanic (and chert?) wallrock fragments.

A characteristic volcanogenic mineral assemblage containing Cu, Zn, Pb, Ag, Au, Cd, and Ba is present.

It is concluded that the property offers excellent exploration potential based on the large scale size of the hydrothermal system, positive geochemical responses from areas tested to date and the presence of high grade outcrop showings in several localities. Additional exploration work is warranted.

Dated in North Vancouver, British Columbia this 9<sup>th</sup> day of January, 1996.

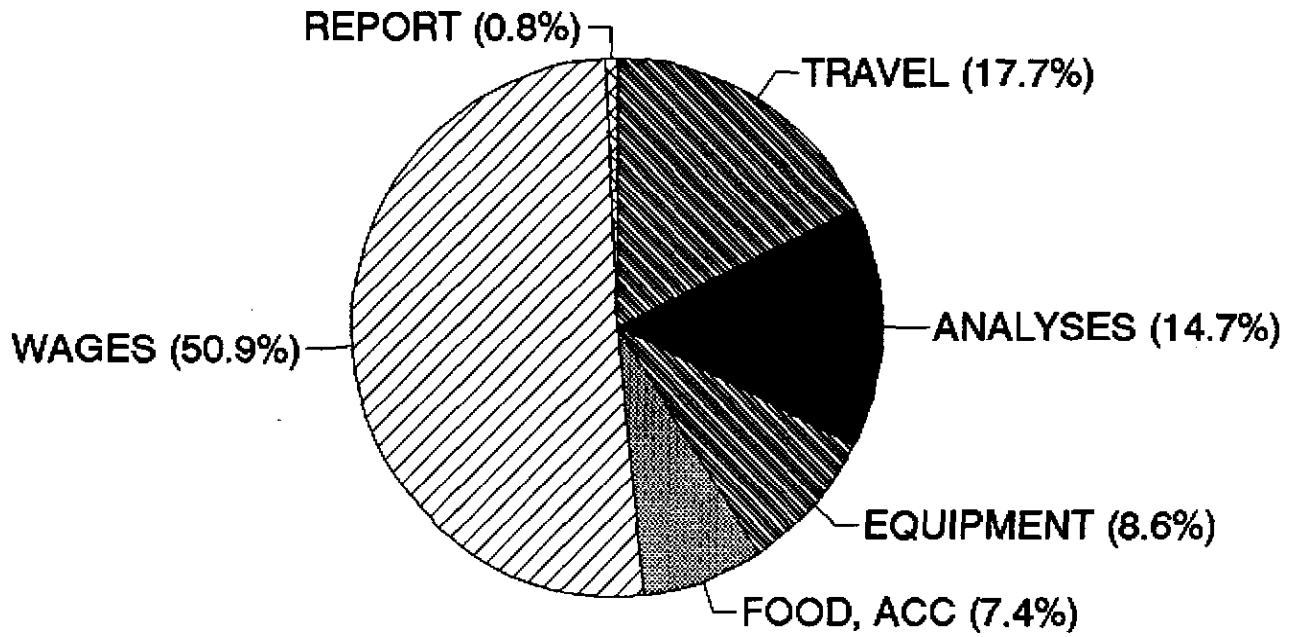
A. O. Birkeland



Arne O. Birkeland, P.Eng.

# 1995 EXPENDITURES

## APPENDIX I



APPENDIX II

CERTIFICATE OF QUALIFICATION

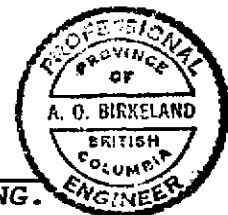
I, ARNE O. BIRKELAND, DO HEREBY CERTIFY THAT:

1. I am a Geological Engineer in the employ of Arnex Resources Ltd. with offices at 4005 Brockton Crescent, North Vancouver, British Columbia.
2. I am a 1972 graduate of the Colorado School of Mines with a Bachelor of Science Degree in Geological Engineering.
3. I have been a registered Professional Engineer with the Association of Professional Engineers of British Columbia (Registration No. 9870) since 1975.
4. My primary employment since 1966 has been in the field of mineral exploration, namely as a Geological Engineer.
5. My experience has encompassed a wide range of geological environments and has allowed considerable familiarization with geophysical, geochemical and diamond drilling techniques.
6. I have conducted the exploration work on the property reported on herein. This report is based on data acquired and also draws from researched published information available on the area.

DATED at North Vancouver, British Columbia,

this 9<sup>th</sup> day of January, 1996

A. O. Birkeland  
ARNE O. BIRKELAND, P. ENG.





**APPENDIX III**  
**GEOCHEMICAL DATA SHEETS**

## APPENDIX III

## GEOCHEMICAL DATA SHEET - SOIL SAMPLING

NTS: 92C\15, 92C 088

REF. MAPS: FIGURES 6 TO 9

SCALE: 1:5,000

C:\JASGC95\SOGDS1.WK1

SAMPLE NO.	LOCATION	DEPT (CM)	HORIZ	DESCRIPTION		SLOPE GRADIENT	ADDITIONAL OBSERVATIONS	
				Colour	Part Size			
5100	5000N/5000E	25	B	or	silt	low	flat, mod	directly above Main Showing
5101	5000N/5005E	20	B	or	silt	low	mod	
5102	5000N/5166E	25	B	or	silt	low	steep	taken just above road cut
5103	5000N/4928E	20	B	or	silt	low	flat, mod	
5104	5000N/4900E	25	B	or	silt	low	flat, mod	creek @ 10350 N
5105	5000N/4850E	20	B	or	silt, pebble	low	mod	
5106	5000N/4800E	35	B	or	silt	low	steep	
5107	5000N/4750	20	B	or br	sand, silt	low	steep	sample taken from fallen tree roots
5108	4900N/5000E	30	B	or	silt	low, mod	mod-steep	
5109	4900N/5050E	10	B	or	silt	low	flat	sample taken next to outcrop
5110	4900N/5187E	10	B	or	silt	low	low, mod	sample taken above road cut
5111	4900N/4940E	10	B	or	silt	low	mod	sample taken above road cut
5112	4900N/4900E	30	B	or	silt	low, mod	mod	
5113	4900N/4840E	15	B	or	silt	low	steep	
5114	4900N/4800E	20	B	or	silt, pebble	high, mod	steep	
5115	4800N/4950	30	B	or	silt	low, mod	mod	
5116	4800N/4900	15	B	or	silt	mod	steep	sample taken just over cliff at O/C
5117	4800N/4850	30	B+A	or	silt	low, mod	low, mod	
5118	4800N/4785	25	B+A	or	silt, pebble	mod	mod	
5119	5700N/5000E	35	B	or	silt	low, mod	low, mod	
5120	STREAM SILTS							
5121	5700N/5050	10	B	or	silt	low, mod	flat	
5122	5700N/5100E	25	B	or br	clay, silt	low	flat	
5123	5700N/5140E	10	B	or	silt	low, mod	mod	
5124	RD CUT	5	B	or	silt	low	steep	
5125	RD CUT	30	B	or	silt	low	mod, steep	
5126	RD CUT	20	B	or	silt	low	steep	
5127	RD CUT/44M FROM	20	B	or	silt	low	steep	
5128	STREAM SILT							
5129	4500N/4490N	25	B	or	silt	mod, high	flat, mod	
5130	4500N/4963E	15	B	or	silt	low, mod	steep	
5131	4500N/4850E	15	B	or	silt	low	flat	
5132	4500N/4800E	20	B	or	silt	low	steep	
5133	4500N/4750E	25	B	or	silt	low	steep	
5134	4500N/4695E	10	B	or	silt, pebble	mod	steep	
5135	ROAD CUT/OM	30	B	or	silt, pebble	low	steep	
5136	ROAD CUT/+75M	30	B	or	silt, pebble	low	steep	
5137	ROAD CUT/+60M	20	B	or	silt, pebble	low	steep	
5138	ROAD CUT/+50M	20	B	or	silt	low	mod	
5139	ROAD CUT/+58M	15	B	or	silt	low	flat, mod	

## APPENDIX III

## GEOCHEMICAL DATA SHEET - SOIL SAMPLING

NTS: 92C\15, 92C 088

REF. MAPS: FIGURES 6 TO 9

SCALE: 1:5,000

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SAMPLE NO.	LOCATION	DEPT (CM)	HORIZ	DESCRIPTION		SLOPE GRADIENT	ADDITIONAL OBSERVATIONS
				Colour	Part Size		
5140	ROAD CUT/+30M	15	B	or	silt	low	mod, steep
5141	ROAD CUT/+79M	10	B	or	silt	low	steep
5142	ROAD CUT/+45M	15	B	or	silt	low, mod	flat, mod
5143	ROAD CUT/+55M	10	B	or red	silt	mod, low	flat, mod
5144	ROAD CUT/+70M	30	B	or	silt	low	mod, steep
5145	ROAD CUT/+35M	70	B	or	silt	low	steep
5146	ROAD CUT/+46M	35	B	or	silt	low, mod	steep
5147	ROAD CUT/+50M	20	B	or	silt	low, mod	mod, flat
5148	ROAD CUT/+60M	25	B	or	silt, pebble	low, mod	mod, low
5149	ROAD CUT/+70M	20	B	or	silt, pebble	low	low, mod
5150	ROAD CUT/+70M	20	B+C	or	silt, gravel	low	low, mod
						low	flat, mod
5151	ROAD CUT/+30M	15	B	or	silt	low	mod, steep
5152	ROAD CUT/+60M	15	B	or	silt	low	flat
5153	ROAD CUT/+55M	15	B	or	silt	low	mod, steep
5154	ROAD CUT/+57M	15	B	or	silt	low, mod	steep
5155	ROAD CUT/+50M	10	B	or	silt	low	steep, mod
5156	ROAD CUT/+57M	15	B+A	or, gray	silt, clay	low, mod	flat
5157	ROAD CUT/+170M	15	B	or	silt	mod	steep
5158	ROAD CUT/+30M	30	B	or	silt	low	steep
5159	ROAD CUT/+140M	45	B+C	or	silt	low, mod	steep
5160	ROAD CUT/+60M	40	B	or	silt	low	steep, mod
5161	ROAD CUT/+53M	30	B	or	silt	low, mod	mod
5162	ROAD CUT/+32M	30	B	or	silt, pebble	low, mod	mod
5163	ROAD CUT/+50M	20	B+C	or	silt, sand	low	mod
5164	ROAD CUT/+46M	35	B+A	or, br	silt, pebble	mod, high	mod
5165	ROAD CUT/+57M	30	B	or	silt	low, mod	mod
5166	ROAD CUT/+54M	30	B	or	silt	low, mod	mod, steep
5167	ROAD CUT/+50M	20	B	or	silt	low	mod
5168	ROAD CUT/+50M	15	B	or	silt, pebble	low	mod
5169	ROAD CUT/+67M	25	B+A	br or	sand, silt	high	steep
5170	ROAD CUT/+88M	20	B	or	silt	low	steep, mod
5171	ROAD CUT/+64M	20	B	or	silt	low	steep
5172	ROAD CUT/+70M	25	B	or	silt	low, mod	steep
5173	ROAD CUT/+59M	10	B	or	silt	low	mod
5174	ROAD CUT/+115M	20	B	or	silt	low	steep
5175	ROAD CUT/+50M	10	B	or	silt	mod, low	mod
5176	ROAD CUT/+58M	35	B	or	silt	low	mod, steep
5177	ROAD CUT/+54M	25	B	or	silt	low	low, mod
5178	ROAD CUT/+45M	30	B	or	silt	low	steep
5179	ROAD CUT/+58M	25	B	or	silt	low, mod	mod, steep
5180	ROAD CUT/+50M	30	B	or	silt	low, mod	mod
5181	ROAD CUT/+50M	30	B	or	silt	low, mod	mod, low

## APPENDIX III

## GEOCHEMICAL DATA SHEET - SOIL SAMPLING

NTS: 92C\15, 92C 088

REF. MAPS: FIGURES 6 TO 9

SCALE: 1:5,000

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SAMPLE NO.	LOCATION	DEPT (CM)	HORIZ	Colour	DESCRIPTION Part Size	% Org	SLOPE GRADIENT	ADDITIONAL OBSERVATIONS
5182	ROAD CUT/+136M	25	B	or	silt	mod	mod	
5183	ROAD CUT/+45M	20	B	or	silt, pebble	mod	mod, steep	
5184	STREAM SILTS							
5185	ROAD CUT/+140M	30	B	or	silt	low	steep	
5186	ROAD CUT/+50M	40	B	or	silt, pebble	low	steep	
5187	ROAD CUT/+50M	35	B	or	silt, gravel	mod	steep	
5188	ROAD CUT/+50M	40	B	or	silt, sand	low	steep	
5189	ROAD CUT/+60M	40	B	or	silt, gravel	low	steep	
5190	ROAD CUT/+95M	30	B	or	silt	low	steep	
5191	ROAD CUT/+90M	35	B	or	silt	low	steep	from fork
5192	STREAM SILT							
5193	ROAD CUT/+70M	36	B+C	gr, tn	silt, sand	mod, high	steep	crossed creek +43M took MM
5194	STREAM SILT							
5195	ROAD CUT/+52M	20	B	or	silt, pebble	low	steep	crossed creek + 33M took MM
5196	ROAD CUT/+66M	35	B	or	silt, pebble	mod	steep	
5197	ROAD CUT/+45M	30	B+C	or	silt, pebble	low	steep	
5198	ROAD CUT/+73M	25	B	or	silt, pebble	low	steep	
5199	ROAD CUT/+98m	20	B	or	silt, pebble	low	steep	
5200	STREAM SILT							
5201	ROAD CUT/+27M	20	B	or	silt	low	steep	
5202	ROAD CUT/+50M	15	B	or	silt	mod	steep	
5203	ROAD CUT/+55M	20	B	or	silt, pebble	low	steep	
5204	ROAD CUT/+50M	25	B	or	silt, pebble	low	steep	
5205	ROAD CUT/+30M	10	B	or	silt, pebble	low	steep	talus
5206	ROAD CUT/+60M	20	B	or	silt, pebble	mod, high	mod	
5207	ROAD CUT	15	B	or	silt, pebble	low	steep	
5208	ROAD CUT/+47M	15	B	or	silt, pebble	low	steep	
5209	ROAD CUT/+20M	20	B	or	silt, pebble	low	steep	
5210	ROAD CUT/+60M	20	B	or	silt, pebble, gra	low, mod	steep	
5211	ROAD CUT/+75M	25	B	or	sand, silt	low	steep	main road +18M
5212	ROAD CUT/+83M	10	B	or	silt, pebble	low, mod	mod, steep	
5213	ROAD CUT/+85M	20	B	or	silt, pebble	low	steep	
5214	ROAD CUT/+45M	10	B	or, br	silt, pebble	high	mod	
5215	ROAD CUT/+25M	20	B	or	silt, pebble	low, mod	mod	
5216	ROAD CUT/+45M	25	B	or	silt, pebble	low, mod	mod	
5217	ROAD CUT/+25M	25	B	or	silt	low	mod	
5218	ROAD CUT/+50M	25	B	or	silt, pebble	low, mod	mod, steep	
5219	ROAD CUT/+57M	20	B	or	silt	low	steep	
5220	ROAD CUT/+42M	20	B	or	silt	low	steep	
5221	ROAD CUT/+57M	25	B	or, tn	silt	high	mod	

## APPENDIX III

## GEOCHEMICAL DATA SHEET - SOIL SAMPLING

NTS: 92C\15, 92C 088

REF. MAPS: FIGURES 6 TO 9

SCALE: 1:5,000

C:\JASGC95\SOGDS1.WK1

SAMPLE NO.	LOCATION	DEPT (CM)	HORIZ	DESCRIPTION		SLOPE GRADIENT	ADDITIONAL OBSERVATIONS
				Colour	Part Size		
5222	ROAD CUT/+100M	35	B	or	silt	low mod	poor sample at road side
5223	ROAD CUT/+56M	15	B	or	pebble, sand	mod low, mod	
5224	ROAD CUT/+73M	20	B	or, br	silt, pebble	mod, high low, mod	
5225	ROAD CUT/+50M	20	B	or	silt	low steep	
5226	ROAD CUT/+50M	25	B	or	silt	low steep	
5227	ROAD CUT/+75M	25	B	or	silt	low, mod steep	
5228	ROAD CUT/+50M	20	B	or	silt, pebble	low steep	
5229	ROAD CUT/+50M	25	B	or	silt, pebble	low steep	
5230	ROAD CUT/+50M	25	B	or	silt	low steep	
5231	ROAD CUT/+75M	15	B	or	silt	low steep	
5232	ROAD CUT/+50M	20	B	or	silt	low steep	
5233	ROAD CUT/+50M	30	B	or	silt	low steep	
5234	ROAD CUT/+50M	15	B	or	silt, pebble	low steep	
5235	ROAD CUT/+70M	30	B	or	silt, pebble	low steep	
5236	ROAD CUT/+50M	30	B+A	or	silt, pebble	low, mod steep	
5237	STREAM SILT						
5238	STREAM SILT						
5239	STREAM SILT						
5240	STREAM SILT						
5241	ROAD CUT/+150M	35	B+C	or	sand, silt	low, mod steep	
5242	ROAD CUT/+60M	35	B	or, tn	silt, pebble	mod, low steep	
5243	ROAD CUT/+75M	20	B	or	silt	low mod	
5244	ROAD CUT/+55M	15	B	or	silt	low, mod mod	

## APPENDIX III

## GEOCHEMICAL DATA SHEET - STREAM SEDIMENT SAMPLING

PROJECT: JAS

NTS: 92C/15, 92C 088

REF. MAPS: FIGURES 6 TO 9

SCALE: 1:5,000

C:\JASCGC95\SXGDS2.WK1

SAMPLE NO.	LOCATION	DRAINAGE			TYPE	Colour	DESCRIPTION Texture	% Org	ADDITIONAL OBSERVATIONS
		Width	Depth	Gradient					
5120	JAS	2.0 m	25 cm		MM	or br	silt, sand	low	@ 4700N at 5020E
5128	JAS	1.0 m	40 cm		MM	or dk br	silt	mod	low silt in MM
5184	JAS	2.0 m	15 cm		silt	or		low	
5192	JAS	0.8 m	dry	steep	MM	dk br	silt	low	+33M from 5191
5194	JAS	3.0 m	falls	steep	MM	dk br	silt, sand	low	+33M from 5193
5200	JAS	2.5 m	trickle		MM	dk br	silt, sand	low	+12M from 5199
5237	JAS	5.0 m	50 cm		MM	tn br	sand, silt	low	
5238	JAS	8.0 m	1.3 m		MM	tn br	sand, silt	low	
5239	JAS	5.0 m	.5-2 m		MM	gr br	sand	low	
5240	JAS	1.5 m	50 cm		MM	br tn	silt, sand	low	







SAMPLER A.O. BIRKELAND

PROJECT JAS

NTS 92C/15  
92C 088  
15000

DATE 08/16/95

SAMPLE NO.	VOLUME		DRAIN AGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
	Width	Depth												
5602	2	.3	Mod		MM	lt. gr	v.f. silt	low	JAV	And, m.v., minor Maroon Creek boulders; waxy py side epl, prep, avg. SPEC				
5603 JASPER CREEK	4 m	1 m	Med		MM	br	sandy silt	Low	JAV	Float - Maroon and JAV GRK MV, JAV LST, minor Jg Good MM sample				
5604	1	.3	Mod		MM	lt. br gr	sandy silt	Low	JAV	Feldspar phyoic and o.c. Epidote alt. xls and amygdaloids				
5605	Dry - major creek in freshette		Mod		MM	br.	sandy silt	Low - Mod	fpa o.c.	Feld phy and + mv oc. Prop. altn - strong epidote along fractures.				
5606	Dry - Lunsin		St. Fresh.		MM	Dk br Dk gr	silt	Low	fpa o.c.	Epidote on fracs.				





SAMPLER A.O. BIRKELAND  
DATE 09/17/95

PROJECT JAS

NTS 92C/15  
92C 088  
1:5,000

SAMPLE NO.	VOLUME		DRAIN AGE	PH	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
	Width	Depth												
5611	.5	.2	ST		MM	DK Br	Silt	Low	JBU	Mafic dolo o.c.; hem. 655 m. elev.				
5612	.3	.1	ST		MM	DK Br	Silt v.f.g.	Low Mod	JBU	4 Mile Creek headwaters - fpa - porphyritic Rx 95102				
5613	.3	.1	Mod		MM	DK Gr Bl	Silt Muck	Mod	JBU	Fresh fpa / contact w/				
5614			Mod		MM	Br	Grut	Low	JBU	Arg. Py. attn zone Dry Runs in freshette				
5615	.1	.05	Mod		MM	DK Br	Silt	Low	JBU	Maroon + M.V.				
5616	1	.2	Mod		MM	Or	Silt	Low	JBU gn. and.	415m Mass arg. py attn Rx J95107				
5617	.3	.1	Mod		MM	DK gr	Silt	Low	JBU gn and	Local Py Flooding Rx J95108				



SAMPLER A.O. BIRKELAND  
DATE 08/18/95

PROJECT JAS

SAMPLE NO.	VOLUME		DRAIN AGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
	Width m	Depth m												
6x 5622	2 m	.5 m	Med		MM	DK Br	Silt	Low	JBU	Fpa, altered py arg, sil. Rx J95110 @ 130m				
5623	.6	.2	med		MM	Lt gr	Silt	Very Low	JBU	And; sample taken from Calcanite Creek - Bed elev = 130m				
5624	.8	.2	med		MM	Br	Silt	Low	JBU	Mass arg. alt. Rx J95111				
5625	2.5 m	1m	Med		MM	Br	Silt	Low	JBU	Hldd field por - dike?; alt. fracture zones @ 110°/step E SPEC				
5626	2.0	.8	Med		MM	DK Br	lumpy Silt	Low	JBU	Alt fract. @ 110°/step E; hldd field por dacite dike? SPEC elev = 225m				

SAMPLER

A.O. BIRKELAND

PROJECT

JAB

92C 088

DATE

08/20/95

1:5000

SAMPLE NO.	VOLUME		DRAIN AGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
	Width	Depth												
5627	Dry - Rins in fresette		Med		S.S.	Or Br	pebbles sand silt	Low	JBU	Fines from dry creek; unalt. and or dyke o.c.				
5628	.1 Almost Dry	.01	ST.		MM	DK Br	vfg silt	Mod	JBU	Py weak arg alt. and.				
5629	1m	.2	ST.		S.S.	Br	coarse gravel	Very Low	JBU	F-pa., local py, large qtz boulders to 1m x 3m, Epithermal style qtz w/ minor sulphides elev = 405m				





NTS 92C/15  
92C 088  
1:5,000

SAMPLER A.O. BERKELAND

PROJECT JAS

DATE 08/17/95

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION					ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPEARANT WIDTH	TRUE WIDTH	Alteration	Freshness		Mineralization	ICP	ASSAY	Whole Rock	NAA
Rx 95102	4 mile ck head	Alt. fpa feldspar phyritic and. + MS.	Chip	4cm		Avg.	Mod.	Massive Py stringer Py=50% over 4cm	Narrow (to 4cm) massive py stringer min along avg. altered fractures; In-Place Float				
95103		Avg. Alt + Sul.	Chip	15cm		Mass. avg alt. flank by blebs gn chert + Prop.	Poor	Euhedral py + des py.	Stringer, mass alt.				
95104		Avg. alt fpa + sul.	chip	1m		Avg-mass	Mod.	Des + stringer Py = 30%	Stringer zone py.				
95105		Qtz vein in alt fpa		8cm		Local Avg Prop Sil.	Mod- Poor	None noted	Euhedral + quartz veining Check for Au				

NTS

92C115  
92C 088  
1:5,000

SAMPLER

A. D. BIRKELAND

PROJECT

JAS

DATE

08/17/95

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION				ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPARENT WIDTH TRUE WIDTH	Alteration	Freshness		Mineralization	ICP	ASSAY	Whole Rock	NAA
J95106	Cayuse TAM	Muss. arg/py alt	chip	4.5cm	mass arg py	Very Poor - leached	Py = 50% Jarosite	Character sample of py alt zone				
J95107	"	Arg/py gn and	chip	3cm 30cm?	mass arg/py	Very Poor	Py 50% sph? Cpy 15-20%	Sulphid stringer vein in mass alt zone				
J95108	"	And.	grab chip	10m	local arg/py	Poor	Des Py 1-5% Tr Cpy	Character sample of 10 m alt zone				
J95109	"	Dacite	chip	2.5cm	local py arg	Very Poor	Mass Py Py = 50%	Py stringer zone				

SAMPLER A.O. BIRKELAND

PROJECT JAS

DATE 08/18/95

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION					ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPARENT WIDTH	TRUE WIDTH	Alteration	Freshness		Mineralization	ICP	ASSAY	WHEEL ROCK	NAA
Rx J95110	Lowest Cayuse Br.	Fpa	Chip	1m		chl, epi, mod. arg. qtz veining	Poor	Py locally to 5%	Altn zone; py arg. + prop.; Character chip rep. of alt. rock.				
J95111	"	And. Alt.	GRAB CHIP REP.	6m		Intense arg/PY + Prop. (chl, epi)	Poor - Mod	Py = 50%+	Intense advanced argillic zone - sulphidized - acid sulphate 6m character grab of alt.				
J95112	"	Intense alt. and	Grab Chip	3m Character		Intense advanced argillic (AA)	Poor - Mod	Py + 50%	AA zone as above; bx; albite (pink) veining and as dots and bx frags.				
J95113	"	And.	Grab Chip	2m Character		Prop - epi chl. well developed	Good	Py 5-10% CPY?	Prop. altn zone flanking AA zone above 145 m. elev.				
J95114	F-10	Alt and	Grab Chip	2m Character		min AA, arg, Py	Poor - Mod	Py = 5-10%	Character Grab of 5m wide altn zone elev = 555m				



NTS

SAMPLER

A.O. BIRKELAND

PROJECT

JAS

DATE

08/19/95

92C 088

1:5,000

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION					ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPARENT WIDTH	TRUE WIDTH	Alteration	Freshness		Mineralization	ICP	ASSAY	Whole Rock	NAA
Rx 595116	PAN ROAD Sitowina	Alt And M.S.	chip	1.2m		Argillie Ad., Py sulphidation Bl chl, Mn, Calcite	Med- some leaching	Sph. Galena. Cpy, Az, Py.	Massive sulphide stringer vein, 090/-60N Mal, locally faulted, Flanked by Int. Arg altn. ASSAY. SPEC				
Rx 595117	"	Mass. sul. Lens	chip	45cm		A.A. sulphidation	Poor	Mass Py Sph = 10% Miner gn, Cpy	Mass sulphide lens, brecciating fault 055/-65SE cuts min-; Field par wall rock - Phenocryst alt to clay ASSAY				
595118	Coyuse M.L.	Arg. Feld par dyke?		2.7m		A.A. Sulphidation Heavy jarosite	Very Poor	Vfg. Aphanitic sulphides?	Acid sulphate leached zone, Fracture controlled 325°/stap Field phenocryst alt to clay - May be flanked by mafic dykes				
595119	"	Sphalerite vein		25m		Sil.	OK	Massive sphalerite clas. cpy py	Sph. lens or vein Exposed over 12m strike Continued to S, Faulted to N. ASSAY				

SAMPLER A.O. BIRKELAND

PROJECT JAS

92C 088

DATE 08/19/95

1:5000

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION					ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPARENT WIDTH	TRUE WIDTH	Alteration	Freshness		Mineralization				
Rx 595120	Cayuse M.L.	Sph vein	chip	5cm		Sil	Mod	Mass sph, dcs cp4 py	Mass sph vein 110°/steep Flanked by fault; cuts off 595119 band. ASSAY				
595121	"	Py Sph Vein-Bx	chip	8cm		Sil, py	Mod	Dcs to mass py, sph blebs and bands	Hanging wall contact 095°/steep south ASSAY				
595122	"	Mass sulphide vein	chip	5cm		Sil py		Mass Py = 50% sph = 40% CP4 = 10%	Mass. sulphide vein flanked on hanging wall by fault 095°/steep Continuation of Rx 595120 Vein				
595123	"	Fault gouge zone with mass sul. lens	chip	63cm		Mass. Intense Arg actn, sul	Mod	Sph, cp4 py banded lens Sph 40% CP4 10 Py 10% Gouge 40%	Hanging wall Fault Gouge zone.				

NTS

SAMPLER

A.O. BIRKELAND

PROJECT

N JAS

DATE

08/19/95

92C 088

1:5,000

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION					ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPARENT WIDTH	TRUE WIDTH	Alteration	Freshness		Mineralization	ICP	ASSAY	WHOLE ROCK	AAA
Rx 595124	CANYON ML BRANCH RD.	ALT AND/ Sulphide Vein	Chip	30cm		Arg, Py, Chl, Mn, Prop	Mod	Py, sph, Cpy	Sulphide stringer zone, high-grade sph. photo 33,34				
595125	"	AND + Sulphides	Chip	1m		Arg, Chl Mn, Qtz veining	Mod	Py, sph, Cpy	Low-grade des. + fracture sulphide zone Contact 280°-55°				
595126	"	Silicified And	Chip	1m		chl, Sil. arg.	Mod	Des. py minor sph cpy	Low-grade fracture zone, locally well mineralized				
595127	"	Silicified And	Chip	1.3m		chl Sil. arg.	Mod	Py sph Cpy minor gn	Layered Mineralization Well Mineralized along Contact 310°/vert.				





**APPENDIX IV**  
**ANALYTICAL RESULTS AND CERTIFICATES**

1995 ANALYTICAL RESULTS  
 ARNEX RESOURCES LTD. PROJECT JAS  
 C:\JASGC95A9527434.WK1

SAMPLE NO.	Au ppb	Ag ppm	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Cr ppm	V ppm	W ppm	As ppm	Sb ppm	Hg ppm	Cd ppm	Ba ppm	Mn ppm	Fe %	K %	Mg %	Al %	P ppm	Sc ppm	Sr ppm	Ti %
5100	-5	0.2	581	1	164	54	4	4	31	183	-10	8	-2	-1	0.5	20	370	9.64	0.03	0.69	5.53	1330	6	10	0.14
5101	-5	-0.2	15	-1	28	8	3	4	20	211	-10	-2	-2	-1	-0.5	20	270	6.43	0.02	0.39	2.92	660	5	10	0.15
5102	-5	-0.2	7	-1	36	4	1	1	7	35	-10	-2	2	-1	-0.5	40	85	3.52	0.02	0.16	8.79	790	2	2	0.05
5103	-5	0.2	154	3	248	32	4	8	17	135	-10	8	-2	-1	-0.5	80	725	6.35	0.06	1.02	4.98	710	6	16	0.12
5104	-5	-0.2	237	3	114	10	2	6	13	119	-10	4	-2	1	-0.5	100	560	7.59	0.04	0.82	5.52	1020	7	15	0.09
5105	-5	-0.2	39	-1	70	14	2	3	14	190	-10	4	-2	1	-0.5	50	185	6.36	0.01	0.16	4.35	510	5	17	0.14
5106	-5	-0.2	41	-1	60	14	2	4	16	168	-10	6	2	-1	-0.5	40	335	6.53	0.02	0.45	4.37	860	4	18	0.12
5107	-5	0.2	80	2	130	16	4	9	18	147	-10	6	2	-1	-0.5	110	480	5.33	0.04	0.50	5.99	960	6	18	0.15
5108	-5	1.6	100	-1	294	164	5	18	50	200	-10	26	2	-1	-0.5	60	1725	8.15	0.03	0.97	4.95	850	11	20	0.07
5109	-5	-0.2	85	-1	46	4	4	7	24	259	-10	-2	2	1	-0.5	20	325	7.27	0.02	0.93	4.97	1050	9	7	0.18
5110	-5	-0.2	32	-1	42	6	6	7	30	216	-10	6	2	-1	-0.5	30	245	6.87	0.02	0.56	5.40	810	9	12	0.17
5111	-5	0.2	110	4	68	14	2	4	19	182	-10	14	2	-1	-0.5	40	370	6.88	0.04	0.46	5.90	910	6	15	0.11
5112	-5	0.2	83	2	124	16	3	8	14	137	-10	6	-2	-1	0.5	40	450	5.49	0.02	0.43	4.74	640	4	13	0.09
5113	-5	-0.2	106	1	70	4	3	4	12	141	-10	14	2	-1	-0.5	70	465	9.98	0.04	0.65	8.43	1300	14	9	0.09
5114	-5	-0.2	54	-1	48	18	2	4	12	163	-10	4	-2	-1	-0.5	50	525	6.83	0.03	0.42	4.23	1200	6	11	0.11
5115	-5	0.4	103	3	394	44	4	8	15	87	-10	6	4	-1	1.0	90	345	5.68	0.04	0.51	5.39	930	4	9	0.07
5116	15	0.2	29	3	78	84	1	1	8	90	-10	4	-2	2	-0.5	40	145	6.31	0.03	0.17	3.75	770	3	7	0.07
5117	-5	-0.2	25	3	28	28	1	2	7	112	-10	6	-2	-1	-0.5	50	195	5.47	0.04	0.29	2.95	860	3	13	0.09
5118	-5	0.2	37	1	46	12	2	3	12	138	-10	6	-2	-1	-0.5	60	270	6.03	0.02	0.36	3.51	830	4	14	0.10
5119	-5	-0.2	114	1	38	16	2	2	19	207	-10	8	-2	-1	-0.5	30	220	7.80	0.02	0.31	2.27	670	5	8	0.15
5120	-5	-0.2	810	1	342	22	2	36	3	29	-10	2	2	-1	4.0	80	3390	2.56	0.15	0.21	7.02	850	2	15	0.03
5121	-5	-0.2	62	-1	182	12	3	10	10	244	-10	6	-2	-1	-0.5	40	785	7.75	0.03	1.97	6.14	1010	10	30	0.14
5122	-5	-0.2	13	2	40	8	3	5	20	160	-10	-2	-2	1	-0.5	70	480	5.03	0.02	0.51	3.49	370	5	13	0.14
5123	-5	-0.2	31	1	46	6	5	6	31	214	-10	6	-2	-1	-0.5	30	340	7.96	0.04	0.87	6.14	610	10	11	0.21
5124	25	0.2	114	2	104	114	-1	1	6	74	-10	6	-2	-1	-0.5	110	270	9.98	0.08	0.23	6.65	1720	7	8	0.09
5125	-5	0.2	66	1	108	26	2	2	16	140	-10	4	2	1	-0.5	40	210	6.47	0.03	0.35	6.79	910	6	13	0.12
5126	10	0.6	45	4	104	22	1	2	10	94	-10	6	2	-1	-0.5	50	170	7.38	0.03	0.31	6.80	810	8	9	0.08
5127	-5	-0.2	33	2	66	12	2	4	12	154	-10	6	-2	-1	-0.5	40	305	6.13	0.02	0.38	4.34	480	5	22	0.12
5128	-5	-0.2	527	1	574	16	3	77	3	37	-10	-2	-2	1	4.5	130	6060	2.26	0.06	0.29	4.98	1120	1	21	0.04
5129	-5	-0.2	47	1	58	10	2	4	16	165	-10	-2	2	-1	-0.5	30	345	6.39	0.04	0.47	3.44	820	4	11	0.12
5130	-5	-0.2	70	1	78	14	3	3	21	161	-10	4	-2	1	-0.5	30	340	6.67	0.03	0.52	4.18	670	6	13	0.15
5131	-5	-0.2	95	2	86	16	3	6	20	162	-10	4	-2	1	-0.5	40	495	7.18	0.03	0.60	5.33	1260	7	17	0.18
5132	-5	-0.2	44	-1	56	8	1	4	5	116	-10	2	2	-1	-0.5	40	300	5.26	0.05	0.55	4.84	420	6	22	0.08
5133	-5	-0.2	89	1	198	16	4	18	16	109	-10	8	-2	-1	-0.5	90	635	6.16	0.03	0.37	7.66	910	7	14	0.18
5134	-5	-0.2	80	-1	56	10	3	9	14	196	-10	2	-2	-1	-0.5	30	465	6.66	0.02	0.47	4.02	610	7	30	0.19
5135	-5	-0.2	94	1	136	12	6	8	22	114	-10	16	-2	-1	-0.5	40	570	5.99	0.04	0.88	9.77	1320	10	9	0.12
5136	50	2	183	2	148	22	3	30	19	136	-10	14	2	2	-0.5	70	3090	7.78	0.03	0.37	7.53	1490	7	17	0.13
5137	-5	1.4	103	-1	66	6	2	23	20	86	-10	48	-2	-1	-0.5	100	1900	7.73	0.20	0.27	6.03	1690	9	3	0.03
5138	30	0.4	262	-1	140	22	4	6	19	123	-10	12	-2	1	-0.5	60	730	8.14	0.04	1.19	5.66	740	7	15	0.16
5139	-5	-0.2	81	2	46	10	1	4	8	161	-10	8	-2	-1	-0.5	30	365	6.52	0.03	0.39	3.67	960	4	22	0.24
5140	-5	-0.2	544	2	184	16	5	12	17	135	-10	8	2	1	-0.5	80	735	8.02	0.06	0.99	8.25	1030	9	23	0.16
5141	-5	-0.2	139	-1	68	8	2	10	7	119	-10	6	-2	2	-0.5	90	890	6.69	0.06	0.74	6.27	610	8	23	0.09
5142	-5	0.2	132	3	28	26	1	1	8	117	-10	2	-2	-1	-0.5	60	195	7.34	0.04	0.25	4.06	1050	4	9	0.04
5143	-5	-0.2	57	1	56	18	1	6	14	203	-10	6	-2	1	-0.5	60	490	7.07	0.03	0.50	5.04	540	11	27	0.22
5144	-5	-0.2	36	-1	42	4	3	4	23	199	-10	4	-2	-1	-0.5	30	190	6.89	0.01	0.37	5.02	510	6	9	0.17
5145	-5	-0.2	44	-1	74	4	4	6	32	163	-10	4	4	1	-0.5	30	180	6.18	0.02	0.33	6.37	580	9	8	0.13
5146	-5	0.2	119	-1	82	8	2	6	21	166	-10	4	6	-1	-0.5	40	240	6.71	0.02	0.28	7.98	790	10	18	0.18
5147	-5	0.2	36	1	30	8	1	1	9	136	-10	8	2	-1	-0.5	40	155	5.91	0.02	0.30	4.07	600	6	9	0.07
5148	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999.00	-999	-999	-999.00	-999.00	-999.00	-999.00	-999	-999	-999	-999.00
5149	-5	-0.2	62	1	94	14	2	9	7	182	-10	18	-2	-1	-0.5	40	445	6.97	0.02	0.57	5.11	360	6	31	0.27
5150	-5	-0.2	92	1	142	14	6	9	21	170	-10	8	2	-1	-0.5	50	445	6.78	0.03	0.75	6.00	360	9	22	0.19
5151	-5	-0.2	44	-1	116	12	1	4	11	147	-10	2	-2	-1	-0.5	40	285	5.43	0.02	0.35	3.87	420	6	27	0.18
5152	-5	-0.2	145	1	128	16	5	9	21	192	-10	14	-2	1	-0.5	30	530	7.53	0.03	0.88	6.36	830	10	25	0.25
5153	-5	-0.2	51	1	74	6	2	4	12	216	-10	4	4	1	-0.5	20	330	6.77	0.01	0.35	4.05	270	4	30	0.22
5154	-5	0.2	96	1	134	14	2	4	15	212	-10	-2	2	-1	-0.5	50	250	7.81	0.02	0.33	7.25	540	8	15	0.22
5155	-5	0.2	458	2	214	14	3	9	14	182	-10	6	4	-1	-0.5	70	380	6.62	0.02	0.56	5.91	330	9	25	0.16
5156	-5	-0.2	161	-1	132	14	8	13	21	187	-10	8	2	1	-0.5	50	570	6.81	0.03	0.87	6.67	770	12	24	0.21
5157	-5	-0.2	90	-1	222	26	6	12	18	176	-10	4	-2	1	0.5	110	515	6.99	0.06	0.77	6.48	920	12	15	0.20
5158	-5	-0.2	84	-1	172	72	3	20	14	120	-10	-2	-2	-1	0.5	90	920	6.06	0.04	0.39	6.43	1170	11	13	0.12
5159	-5	-0.2	90	-1	192	14	5	12	18	160	-10	8	-2	1	-0.5	80	1050	6.43	0.03	0.49	7.00	1550	10	16	0.18
5160	-5	-0.2	76	-1	178	12	4	11	23	153	-10	8	2	1	-0.5	60	410	6.70	0.02	0.44	8.79	980	14	17	

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SAMPLE NO.	Au ppb	Ag ppm	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Cr ppm	V ppm	W ppm	As ppm	Sb ppm	Hg ppm	Cd ppm	Ba ppm	Mn ppm	Fe %	K %	Mg %	Al %	P ppm	Sc ppm	Sr ppm	Ti %
5166	-5	-0.2	83	-1	110	12	4	11	20	199	-10	14	-2	-1	-0.6	40	935	7.27	0.02	0.61	7.12	1110	10	21	0.25
5167	-5	-0.2	124	-1	114	8	7	14	23	217	-10	-2	2	1	-0.5	40	650	7.73	0.04	0.92	6.37	810	12	29	0.27
5168	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999.0	-999	-999.00	-999.00	-999.00	-999.00	-999.00	-999	-999	-999	-999.00
5169	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999.0	-999	-999.00	-999.00	-999.00	-999.00	-999.00	-999	-999	-999	-999.00
5170	-5	0.4	244	1	226	48	7	80	16	165	-10	8	-2	-1	0.5	140	1255	6.76	0.03	0.33	6.34	1150	10	16	0.15
5171	-5	0.6	156	1	238	32	4	8	18	163	-10	6	2	-1	-0.5	60	590	6.90	0.03	0.73	7.04	840	8	12	0.16
5172	-5	0.2	76	1	130	22	3	6	14	136	-10	6	-2	-1	-0.5	50	535	5.71	0.04	0.44	6.10	1010	9	11	0.13
5173	-5	0.2	38	-1	138	20	1	3	10	171	-10	2	-2	-1	-0.5	70	420	7.17	0.03	0.40	4.84	640	8	16	0.15
5174	-5	0.4	136	1	134	18	2	4	16	149	-10	6	-2	1	-0.5	60	590	6.98	0.03	0.44	5.91	1520	8	16	0.12
5175	-5	-0.2	84	-1	104	14	3	8	15	144	-10	6	2	1	-0.5	40	990	5.98	0.03	0.48	5.07	1180	7	17	0.16
5176	15	-0.2	91	-1	140	14	5	9	19	181	-10	8	2	-1	-0.5	40	460	5.97	0.03	0.64	5.85	800	13	25	0.21
5177	-5	-0.2	100	-1	108	8	4	9	21	159	-10	8	-2	1	-0.5	30	545	6.35	0.03	0.75	6.77	1290	18	18	0.21
5178	-5	0.4	278	1	180	24	3	9	14	148	-10	8	-2	-1	-0.5	70	450	6.84	0.04	0.46	6.02	790	8	20	0.12
5179	15	0.2	87	1	134	20	2	3	13	108	-10	12	-2	-1	-0.5	80	345	5.79	0.04	0.41	7.50	1170	8	12	0.09
5180	-5	-0.2	37	-1	54	20	1	2	11	155	-10	6	-2	-1	-0.5	40	230	5.82	0.02	0.27	3.79	810	4	9	0.10
5181	-5	-0.2	27	1	94	20	1	2	13	149	-10	4	-2	-1	-0.5	30	190	5.83	0.01	0.24	3.63	440	6	10	0.10
5182	-5	-0.2	47	1	70	14	4	6	16	180	-10	2	-2	-1	-0.5	60	305	5.79	0.04	0.58	4.85	480	7	11	0.14
5183	-5	-0.2	55	-1	80	14	5	8	17	195	-10	10	-2	-1	-0.5	60	335	6.13	0.04	0.81	5.98	580	10	14	0.19
5184	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999	-999.0	-999	-999.00	-999.00	-999.00	-999.00	-999.00	-999	-999	-999	-999.00
5185	-5	0.2	20	-1	56	10	3	4	12	107	-10	6	-2	-1	-0.5	40	180	5.94	0.03	0.36	5.41	1200	4	6	0.08
5186	-5	0.2	17	-1	54	10	2	3	12	107	-10	6	-2	1	-0.5	40	185	5.78	0.03	0.34	4.85	1100	3	6	0.07
5186	-5	-0.2	68	1	84	8	4	55	-1	57	-10	18	-2	1	1.0	230	6390	15.00	0.03	0.20	0.88	710	3	14	0.03
5187	-5	-0.2	15	-1	50	10	2	4	13	87	-10	6	-2	-1	-0.5	30	240	5.32	0.02	0.29	5.45	1610	3	3	0.06
5188	10	-0.2	46	1	84	14	9	12	17	97	-10	12	4	-1	-0.5	100	785	4.83	0.06	1.11	4.45	1520	6	6	0.06
5189	-5	0.8	58	-1	62	8	7	21	13	97	-10	4	-2	-1	-0.5	210	995	5.51	0.17	0.77	3.81	990	8	6	-0.01
5190	-5	-0.2	66	-1	194	22	7	12	21	155	-10	4	-2	-1	-0.5	180	470	6.42	0.05	0.64	5.02	440	9	10	0.06
5191	-5	-0.2	9	-1	64	12	1	2	8	38	-10	10	-2	-1	-0.5	40	420	3.78	0.03	0.21	7.89	2110	2	2	0.03
5192	-5	-0.2	10	-1	52	14	1	5	4	28	-10	4	-2	-1	0.5	420	1240	1.99	0.12	0.58	2.15	1070	1	32	0.03
5193	-5	-0.2	7	-1	58	8	1	3	6	42	-10	6	-2	-1	-0.5	80	190	3.20	0.03	0.36	3.68	890	2	4	0.03
5194	-5	-0.2	8	-1	68	16	1	3	4	20	-10	2	-2	-1	1.0	470	1420	1.42	0.19	1.18	2.05	1620	1	46	0.01
5195	-5	-0.2	20	1	68	10	3	6	12	119	-10	6	-2	-1	-0.5	70	400	4.83	0.02	0.39	3.90	800	3	8	0.06
5196	-5	0.2	81	1	162	20	4	7	13	107	-10	4	2	1	-0.5	100	280	5.42	0.04	0.52	6.62	1010	7	14	0.06
5197	-5	-0.2	332	3	194	28	4	11	14	120	-10	14	2	-1	-0.5	110	535	6.15	0.08	0.89	5.58	730	6	14	0.02
5198	-5	-0.2	72	1	84	8	3	7	9	108	-10	4	2	-1	-0.5	80	400	4.85	0.08	0.70	4.33	610	6	21	0.01
5199	-5	-0.2	39	1	98	8	6	11	18	154	-10	-2	-2	1	-0.5	100	470	5.95	0.05	0.88	5.54	690	8	13	0.06
5200	-5	-0.2	40	-1	326	36	3	10	8	49	-10	8	2	-1	2.5	390	2080	1.97	0.12	0.72	2.75	1670	2	56	0.02
5201	-5	0.2	141	1	182	16	6	11	15	146	-10	-2	-2	-1	-0.5	80	685	5.99	0.05	0.77	6.54	920	7	17	0.12
5202	-5	-0.2	25	-1	56	14	3	3	8	131	-10	8	-2	-1	-0.5	50	250	5.58	0.02	0.40	3.04	510	4	14	0.12
5203	-5	-0.2	220	1	146	66	2	8	9	137	-10	4	-2	-1	-0.5	90	400	6.08	0.03	0.41	4.32	800	5	15	0.09
5204	-5	-0.2	126	-1	142	34	4	7	14	150	-10	12	-2	1	-0.5	60	715	6.24	0.04	0.76	6.06	1140	8	18	0.13
5205	-5	-0.2	413	2	232	106	7	18	17	146	-10	12	2	-1	-0.5	110	1430	6.68	0.12	1.06	6.92	1330	11	27	0.13
5206	-5	0.2	110	1	378	56	3	8	16	152	-10	16	-2	-1	-0.5	80	435	6.99	0.04	0.56	7.61	1580	7	12	0.15
5207	-5	0.4	95	-1	148	28	3	7	18	156	-10	14	-2	-1	-0.5	50	330	6.21	0.04	0.74	6.46	900	8	9	0.12
5208	-5	-0.2	76	1	116	28	3	6	13	141	-10	-2	-2	-1	-0.5	60	380	5.37	0.02	0.49	4.49	730	6	16	0.13
5209	-5	-0.2	82	1	152	30	3	8	8	127	-10	8	-2	1	-0.5	90	385	6.23	0.04	0.61	5.14	690	7	9	0.05
5210	-5	-0.2	51	-1	232	18	3	7	17	147	-10	8	-2	-1	-0.5	80	400	5.78	0.04	0.72	5.90	710	7	9	0.09
5211	-5	-0.2	157	2	208	34	10	21	15	112	-10	10	2	-1	-0.5	140	1290	5.28	0.08	1.27	4.92	1020	9	15	0.14
5212	-5	-0.2	30	1	42	16	2	3	12	171	-10	12	2	1	-0.5	40	265	5.91	0.06	0.45	2.95	840	4	12	0.06
5213	-5	0.2	151	7	128	20	1	3	8	70	-10	6	-2	1	-0.5	80	475	6.03	0.05	0.56	6.58	1600	3	7	0.02
5214	-5	-0.2	208	2	36	14	2	2	8	59	-10	12	2	1	-0.5	70	895	4.42	0.08	0.46	2.94	1860	2	6	-0.01
5215	-5	-0.2	139	2	108	14	4	11	17	152	-10	8	-2	-1	-0.5	80	1245	7.26	0.04	0.97	4.82	1120	7	11	0.07
5216	-5	-0.2	71	1	138	18	3	6	17	152	-10	6	-2	-1	-0.5	70	590	5.47	0.02	0.56	3.95	810	6	13	0.10
5217	-5	-0.2	106	-1	212	16	4	6	20	170	-10	6	-2	1	-0.5	40	615	5.80	0.03	0.63	5.55	820	8	14	0.16
5218	-5	0.2	157	-1	182	18	4	7	17	127	-10	12	-2	-1	-0.5	30	605	5.48	0.04	0.74	7.08	1340	8	9	0.10
5219	-5	0.2	56	-1	114	14	4	9	-17	181	-10	6	-2	-1	-0.5	40	515	6.44	0.04	0.65	4.53	820	9	17	0.12
5220	-5	0.4	73	1	178	12	6	9	20	132	-10	2	-2	1	-0.5	80	490	5.57	0.06	0.61	6.70	1020	9	16	0.11
5221	-5	-0.2	90	-1	78	12	2	18	15	121	-10	6	-2	1	-0.5	30	1200	6.31	0.02	0.38	5.05	1320	6	9	0.06
5222	-5	0.2	71	1	116	8	5	12	16	118	-10	8	-2	-1	-0.5	80	945	6.21	0.04	0.58	6.21	1150	10	12	0.06
5223	-5	-0.2	130	2	178	96	4	16	9	88	-10	6	2	1	-0.5	180	1250	5.47	0.08	1.36	4.33	1220	9	33	0.18
5224	-5	0.2	87	1	112	14	4	11	13	145	-10	6	-2	1	-0.5	70	800	6.36	0.03	0.53	4.73	1130	9	20	0.19
5225	-5	0.6	301	1	210	6	6	16																	

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SAMPLE NO.	Au ppb	Ag ppm	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Cr ppm	V ppm	W ppm	As ppm	Sb ppm	Hg ppm	Cd ppm	Ba ppm	Mn ppm	Fe %	K %	Mg %	Al %	P ppm	Sc ppm	Sr ppm	Tl %
5231	-5	0.6	61	1	102	20	1	3	13	181	-10	8	-2	1	-0.5	60	605	6.84	0.07	0.48	5.29	720	11	15	0.10
5232	-5	0.8	190	-1	166	24	2	5	14	149	-10	18	-2	2	-0.5	60	645	6.52	0.04	0.61	6.31	1330	12	17	0.11
5233	-5	0.4	182	1	270	16	6	7	17	133	-10	12	2	1	-0.5	120	620	6.69	0.06	1.02	7.91	1330	13	12	0.06
5234	30	0.4	147	1	134	20	6	9	15	176	-10	12	-2	1	-0.5	280	910	7.72	0.18	1.98	5.04	1280	15	41	0.20
5235	-5	0.6	237	1	136	16	7	10	18	169	-10	16	-2	1	-0.5	70	380	6.35	0.04	0.89	7.08	810	11	21	0.14
5236	-5	1.4	741	1	124	14	7	10	14	136	-10	6	-2	-1	-0.5	90	390	5.53	0.03	0.88	6.63	700	10	29	0.15
5237	120	0.4	103	-1	146	22	8	18	18	146	-10	12	-2	1	-0.5	120	690	5.85	0.10	1.51	2.64	900	10	33	0.18
5238	140	-0.2	70	-1	128	12	10	19	24	167	-10	10	-2	1	-0.5	100	840	5.63	0.09	1.43	2.64	670	10	62	0.21
5239	-5	0.2	96	-1	146	14	10	21	23	181	-10	10	-2	2	-0.5	130	950	6.22	0.08	1.71	3.03	710	10	57	0.20
5240	-5	0.4	154	2	114	6	10	23	16	140	-10	16	-2	1	-0.5	120	940	7.20	0.04	1.97	4.21	980	10	97	0.20
5241	-5	-0.2	89	1	78	8	8	11	13	116	-10	4	-2	1	-0.5	140	690	5.29	0.04	1.49	3.73	920	9	40	0.14
5242	-5	0.2	48	-1	62	8	5	7	12	139	-10	6	-2	-1	-0.5	60	490	5.20	0.03	1.11	2.90	530	7	26	0.14
5243	-5	-0.2	85	3	40	10	5	41	13	85	-10	12	-2	-1	-0.5	30	755	4.90	0.02	0.61	7.74	1770	10	16	0.15
5244	-5	-0.2	97	2	46	4	6	24	14	102	-10	8	-2	-1	-0.5	30	825	5.25	0.02	0.54	7.24	1820	11	17	0.13
5600	-5	-0.2	679	2	196	20	2	59	3	17	-10	4	-2	-1	2.0	60	4020	1.89	0.11	0.10	6.86	680	2	11	0.01
5601	-5	0.2	52	-1	114	6	4	8	17	130	-10	4	-2	-1	-0.5	40	525	4.58	0.08	0.36	5.98	1150	9	14	0.16
5602	375	-0.2	77	-1	80	6	19	22	48	194	-10	8	-2	-1	-0.5	80	875	6.65	0.10	1.42	2.98	950	12	48	0.21
5603	40	0.2	61	-1	84	6	12	20	27	256	-10	2	-2	1	-0.5	120	910	7.11	0.09	1.71	3.30	730	15	44	0.22
5604	30	0.2	126	-1	226	26	8	20	19	147	-10	6	-2	1	0.5	140	1030	5.16	0.10	1.26	3.38	580	10	85	0.20
5606	10	-0.2	139	1	530	52	4	18	7	97	-10	12	-2	-1	1.5	190	1910	4.90	0.14	1.55	3.37	820	9	55	0.15
5606	-5	-0.2	45	-1	88	16	4	8	9	76	-10	-2	-2	1	-0.5	130	1120	2.58	0.28	0.43	2.84	1160	4	44	0.08
5607	-5	-0.2	50	-1	76	14	5	9	9	83	-10	-2	-2	-1	-0.5	130	990	2.03	0.14	0.41	2.54	1020	4	42	0.06
5608	-5	0.2	86	-1	230	22	4	7	7	47	-10	-2	-2	-1	3.0	370	1150	1.88	0.18	0.38	2.44	1170	2	52	0.04
5609	-5	0.2	153	1	872	18	8	23	12	71	-10	8	-2	1	3.5	250	1345	3.30	0.10	0.72	3.44	920	6	37	0.07
5610	-5	0.2	71	3	170	28	6	15	17	151	-10	8	-2	-1	-0.5	70	340	5.23	0.04	0.27	8.79	940	12	10	0.13
5611	-5	-0.2	36	-1	92	8	7	14	15	133	-10	8	-2	1	-0.5	130	1025	4.58	0.13	1.32	3.53	810	9	28	0.14
5612	-5	0.4	406	2	488	22	6	99	6	54	-10	10	-2	-1	4.0	100	3300	3.18	0.19	0.47	4.75	1080	4	36	0.07
5613	-5	-0.2	133	1	164	14	4	18	8	48	-10	6	-2	-1	0.5	230	1875	1.87	0.11	0.44	2.77	1140	2	64	0.05
5614	-5	-0.2	97	1	96	22	7	14	12	74	-10	6	-2	-1	0.5	210	1250	2.47	0.14	0.89	2.28	1020	4	48	0.10
5615	-5	0.2	47	-1	114	14	8	14	18	129	-10	2	-2	-1	0.5	100	1150	3.49	0.11	1.32	3.06	1080	9	45	0.14
5616	10	0.2	365	2	516	28	12	64	9	69	-10	30	-2	1	2.0	160	2590	6.59	0.15	0.83	4.71	1080	8	29	0.14
5617	25	0.2	612	3	830	24	10	46	10	106	-10	24	2	1	3.0	150	1490	5.47	0.13	1.48	3.92	1010	9	56	0.13
5618	15	0.4	187	1	220	14	7	34	10	101	-10	10	-2	1	1.0	140	1580	4.41	0.11	0.98	3.77	920	8	47	0.13
5619	-5	0.4	195	1	422	18	9	35	14	118	-10	8	-2	2	2.0	170	1700	5.70	0.11	1.31	3.61	820	9	51	0.17
5620	-5	0.4	371	3	232	12	20	175	11	144	-10	20	-2	1	0.5	110	2680	9.25	0.10	2.11	5.09	1440	12	71	0.19
5621	-5	-0.2	150	1	208	18	10	17	13	84	-10	8	-2	-1	1.0	200	1250	3.53	0.15	0.89	2.70	890	6	58	0.09
5622	-5	0.2	70	1	624	16	7	34	9	92	-10	6	-2	1	2.0	290	2840	4.23	0.09	0.84	3.41	1070	6	37	0.12
5622	-5	0.4	92	-1	92	8	11	23	23	199	-10	6	-2	2	-0.5	210	1050	7.21	0.10	1.36	3.49	920	11	68	0.26
5623	-5	-0.2	62	-1	70	8	18	17	26	114	-10	2	-2	-1	-0.5	210	885	4.81	0.17	1.32	2.90	1140	9	46	0.10
5624	-5	0.4	308	-1	50	9	6	9	9	46	-10	2	-2	-1	0.5	740	410	1.41	0.41	0.40	1.07	2730	-1	52	0.01
5625	10	-0.2	156	1	114	8	13	27	19	146	-10	8	-2	-1	-0.5	210	1100	6.20	0.09	1.63	3.63	980	10	65	0.19
5626	-5	-0.2	169	1	130	14	11	25	16	124	-10	12	-2	-1	-0.5	140	950	5.89	0.09	1.50	3.16	980	8	55	0.15
5627	-5	-0.2	355	3	246	44	9	30	10	104	-10	10	-2	1	-0.5	100	1375	5.57	0.08	1.20	5.44	1130	10	51	0.13
5628	-5	1.2	689	2	738	696	10	43	7	49	-10	10	-2	-1	7.5	270	2790	2.87	0.15	0.79	3.53	1380	4	48	0.07
5629	105	0.2	249	2	360	48	12	32	10	93	-10	20	-2	1	0.5	240	1960	5.44	0.15	1.81	4.08	830	8	31	0.06

1995 ANALYTICAL RESULTS  
 ARNEX RESOURCES LTD. PROJECT JAS  
 C:\JASGC95\A9527432.WK1

SAMPLE NO.	Au ppb	Ag ppm	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Cr ppm	V ppm	W ppm	As ppm
95100	110	71	50000	10	115	75	5	110	20	40	-20	40
95104	20	1	265	-5	105	5	20	15	30	20	-20	-10
95106	25	1	670	-5	200	40	15	20	60	40	-20	20
95107	70	4	3410	40	50000	15	20	45	20	80	60	20
95109	30	1	225	5	375	10	5	45	30	120	-20	10
95111	10	-1	40	-5	115	15	10	25	50	-20	-20	10
95112	-5	-1	75	-5	15	5	20	20	120	-20	-20	10
95115	15	-1	175	5	530	75	5	20	180	-20	-20	20
95116	15	26	22900	-5	50000	50000	10	10	20	40	480	70
95117	35	3	1665	5	50000	3320	10	20	10	40	360	30
95119	115	11	3050	-5	50000	28600	10	10	60	20	300	70
95120	120	6	5150	5	50000	1015	10	15	80	40	80	20
95121	100	18	25400	5	50000	1180	5	20	60	20	120	20
95122	175	15	9890	-5	50000	1170	10	20	30	40	160	30
95123	25	55	50000	-5	50000	18140	15	15	50	-20	440	40
95124	45	3	1345	130	935	125	-5	45	10	40	-20	90
95127	190	-1	75	65	495	335	-5	5	40	-20	-20	30

SAMPLE NO.	Hg ppm	Cd ppm	Ba ppm	Mn ppm	Fe %	K %	Mg %	Al %	P ppm	Sc ppm	Sr ppm	Ti %
95100	-10	-5	320	640	29.50	0.08	1.65	2.10	400	-5	10	0.01
95104	-10	-5	780	1310	15.35	0.32	1.08	1.89	800	-5	35	0.10
95106	-10	-5	380	450	17.50	0.18	0.99	1.11	400	-5	20	0.16
95107	80	280	380	1970	9.86	0.23	2.60	2.83	1000	5	45	0.10
95109	-10	-5	580	2700	18.95	0.34	2.15	3.04	300	5	20	0.18
95111	-10	-5	460	30	8.65	0.17	0.06	0.27	100	-5	10	0.04
95112	-10	-5	520	60	5.47	0.31	0.04	0.52	900	-5	20	-0.01
95115	-10	-5	640	280	9.22	0.21	0.26	0.59	100	-5	20	0.06
95116	20	1000	460	7140	9.24	0.07	1.41	1.55	600	-5	25	-0.01
95117	20	1000	260	2510	9.46	0.22	1.75	2.42	1000	-5	5	0.01
95119	20	905	320	1160	8.58	0.24	0.51	0.86	600	-5	10	-0.01
95120	20	355	260	1900	14.45	0.39	1.25	1.98	800	-5	5	0.04
95121	30	535	820	680	9.86	0.29	0.49	0.87	700	-5	15	0.02
95122	40	435	460	2250	16.15	0.29	1.32	2.06	800	5	10	0.07
95123	70	850	400	250	17.05	0.18	0.12	0.29	700	-5	10	0.01
95124	-10	-5	580	2340	10.95	0.10	4.47	4.98	400	-5	5	-0.01
95127	-10	-5	120	1740	2.85	0.45	1.94	2.56	600	-5	5	-0.01

1995 ANALYTICAL RESULTS  
 ARNEX RESOURCES LTD. PROJECT JAS  
 C:\JASGC95\A9527433.WK1

SAMPLE NO.	Au ppb	Ag ppm	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Cr ppm	V ppm	W ppm	As ppm	Sb ppm	Hg ppm	Cd ppm	Be ppm	Ba ppm
95101	175	-0.2	47	8	128	18	7	14	134	48	-10	30	-2	-1	-0.5	-2	30
95102	-5	3	10000	-1	80	2	2	12	87	45	-10	12	-2	-1	-0.5	-8888	-10
95103	115	2	48	19	34	30	2	36	97	22	-10	6	-2	1	-0.5	2	-10
95105	-5	-0.2	22	-1	40	6	2	4	115	37	-10	56	-2	-1	-0.5	-2	100
95108	15	0.4	64	32	398	6	10	20	93	109	-10	6	-2	1	1.5	-2	40
95110	-5	-0.2	47	3	50	2	9	8	175	60	-10	20	-2	-1	-0.5	2	140
95113	-5	-0.2	6	1	24	-2	26	21	118	67	-10	4	-2	-1	-0.5	-2	110
95114	-5	0.6	4020	21	92	6	7	30	204	58	-10	50	2	-1	-0.5	2	20
95118	15	0.2	52	2	288	30	5	12	27	55	-10	4	2	-1	1.5	-2	60
95125	45	0.6	34	23	344	62	1	7	121	15	-10	58	-2	-1	4.5	-2	100
95126	370	0.6	11	56	310	146	-1	4	88	12	-10	22	2	-1	3	-2	130
95128	-5	-0.2	46	1	60	22	11	14	96	75	-10	10	-2	-1	-0.5	-2	40

SAMPLE NO.	Mn ppm	Fe %	K %	Ca %	Mg %	Tl ppm	Al %	Be ppm	Ga ppm	La ppm	Na %	P ppm	Sc ppm	Sr ppm	Ti %	U ppm	U ppm
95101	945	5.78	0.26	0.24	1.32	-10	2.03	-0.5	-10	-10	-0.01	600	3	12	0.05	-10	-10
95102	715	12.55	0.38	0.53	0.81	-10	1.88	-0.5	-10	-10	0.03	1100	4	23	0.17	-10	-10
95103	40	15	0.43	0.02	0.06	-10	0.83	-0.5	-10	-10	-0.01	170	1	1	0.01	-10	-10
95105	880	2.69	0.34	0.07	0.55	-10	1.41	-0.5	-10	-10	-0.01	680	3	3	0.04	-10	-10
95108	1270	6.11	0.23	0.65	2.12	-10	2.79	-0.5	-10	-10	-0.01	770	8	41	0.24	-10	-10
95110	415	4.66	0.34	0.44	1.04	-10	1.95	-0.5	-10	-10	0.01	800	6	32	0.09	-10	-10
95113	640	3.89	0.15	1.32	1.58	-10	2.79	-0.5	-10	-10	0.03	1110	6	111	0.16	-10	-10
95114	1170	7.65	0.18	0.1	1.61	-10	2.26	-0.5	-10	-10	-0.01	410	3	6	0.01	-10	-10
95118	1040	5.97	0.33	0.13	1.17	-10	1.92	-0.5	-10	-10	0.01	1190	4	3	0.01	-10	-10
95125	1745	3.83	0.2	0.16	2.76	-10	3.08	-0.5	-10	-10	0.01	580	-1	2	-0.01	-10	-10
95126	2170	2.93	0.26	0.18	2.26	-10	2.49	-0.5	-10	10	0.02	680	-1	3	-0.01	-10	-10
95128	780	4.94	0.23	0.61	1.38	-10	1.65	-0.5	-10	-10	0.04	1000	7	13	0.23	-10	-10

1995 ANALYTICAL RESULTS  
OVERLIMIT ASSAYS  
ARNEX RESOURCES LTD. PROJECT JAS  
C:\JASGC95\A9529226.WK1

SAMPLE NO.	Cu %	Zn %	Pb %	WIDTH M
95102	2.11	-	-	0.04
95100	13.30	-	-	0.30
95107	-	7.88	-	0.30
95116	2.13	22.30	17.20	1.86
95117	-	18.00	-	0.45
95119	0.29	16.20	2.65	0.25
95120	-	6.76	-	0.50
95121	2.50	9.90	0.13	0.86
95122	7.12	19.30	1.81	0.50
95123	1.00	11.00	0.12	0.63

WEIGHTED INTERVAL - PAN ROAD SHOWING

SAMPLE NO.	Cu %	Zn %	Pb %	WIDTH M	Cu %*M	Zn %*M	Pb %*M
95121	2.50	9.90	0.13	0.86	2.15	8.51	0.11
95122	7.12	19.30	1.81	0.50	6.12	16.60	1.56
95123	1.00	11.00	0.12	0.63	0.86	9.46	0.10
SUM %*M				1.99	9.13	34.57	1.77
SUM/WIDTH %					4.59	17.37	0.89



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

A9527434

Comments: ATTN: A. O. BIRKELAND

**CERTIFICATE**

**A9527434**

(AN) - ARNEX RESOURCES LIMITED

Project: JAS  
 P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 18-SEP-95.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	173	Dry, sieve to -80 mesh
202	173	save reject
229	173	ICP - AQ Digestion charge

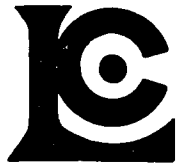
\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	173	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	173	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	173	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	173	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	173	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	173	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	173	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	173	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	173	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	173	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	173	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	173	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	173	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	173	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	173	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	173	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	173	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	173	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	173	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	173	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	173	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	173	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	173	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	173	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	173	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	173	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	173	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	173	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	173	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	173	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	173	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	173	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	173	Zn ppm: 32 element, soil & rock	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 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

Page Number : 1-A  
 Total Pages : 5  
 Certificate Date: 18-SEP-95  
 Invoice No. : 19527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP CODE		Au ppb	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
	201	202	FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
SX5100	201	202	< 5	0.2	5.53	8	20	< 0.5	< 2	0.08	0.5	4	31	581	9.54	10	< 1	0.03	< 10	0.69	370
SX5101	201	202	< 5	< 0.2	2.92	< 2	20	< 0.5	< 2	0.10	< 0.5	4	20	15	6.43	10	< 1	0.02	< 10	0.39	270
SX5102	201	202	< 5	< 0.2	8.79	< 2	40	< 0.5	< 2	0.03	< 0.5	1	7	7	3.52	< 10	< 1	0.02	10	0.16	85
SX5103	201	202	< 5	0.2	4.98	8	80	< 0.5	< 2	0.16	< 0.5	8	17	154	6.35	< 10	< 1	0.06	< 10	1.02	725
SX5104	201	202	< 5	< 0.2	5.52	4	100	< 0.5	< 2	0.15	< 0.5	6	13	237	7.59	< 10	1	0.04	< 10	0.82	560
SX5105	201	202	< 5	< 0.2	4.35	4	50	< 0.5	< 2	0.16	< 0.5	3	14	39	6.38	10	1	0.01	< 10	0.16	185
SX5106	201	202	< 5	< 0.2	4.37	6	40	< 0.5	< 2	0.17	< 0.5	4	16	41	6.53	10	< 1	0.02	< 10	0.45	335
SX5107	201	202	< 5	0.2	5.99	6	110	< 0.5	< 2	0.20	< 0.5	9	18	80	5.33	< 10	< 1	0.04	< 10	0.50	480
SX5108	201	202	< 5	1.6	4.95	26	60	< 0.5	< 2	0.13	< 0.5	18	50	100	8.15	10	< 1	0.03	< 10	0.97	1725
SX5109	201	202	< 5	< 0.2	4.97	< 2	20	< 0.5	< 2	0.06	< 0.5	7	24	85	7.27	10	1	0.02	< 10	0.93	325
SX5110	201	202	< 5	< 0.2	5.40	6	30	< 0.5	< 2	0.11	< 0.5	7	30	32	6.87	10	< 1	0.02	< 10	0.56	245
SX5111	201	202	< 5	0.2	5.90	14	40	< 0.5	< 2	0.16	< 0.5	4	19	110	6.88	10	< 1	0.04	< 10	0.46	370
SX5112	201	202	< 5	0.2	4.74	6	40	< 0.5	< 2	0.14	0.5	8	14	83	5.49	10	< 1	0.02	< 10	0.43	450
SX5113	201	202	< 5	< 0.2	8.43	14	70	< 0.5	< 2	0.07	< 0.5	4	12	106	9.98	< 10	< 1	0.04	< 10	0.65	465
SX5114	201	202	< 5	< 0.2	4.23	4	50	< 0.5	< 2	0.12	< 0.5	4	12	54	6.83	< 10	< 1	0.03	< 10	0.42	525
SX5115	201	202	< 5	0.4	5.39	6	90	< 0.5	< 2	0.09	1.0	8	15	103	5.68	< 10	< 1	0.04	< 10	0.51	345
SX5116	201	202	15	0.2	3.75	4	40	< 0.5	< 2	0.07	< 0.5	1	8	29	6.31	< 10	2	0.03	< 10	0.17	145
SX5117	201	202	< 5	< 0.2	2.95	6	50	< 0.5	< 2	0.12	< 0.5	2	7	25	5.47	< 10	< 1	0.04	< 10	0.29	195
SX5118	201	202	< 5	0.2	3.51	8	60	< 0.5	< 2	0.14	< 0.5	3	12	37	6.03	10	< 1	0.02	< 10	0.36	270
SX5119	201	202	< 5	< 0.2	2.27	8	30	< 0.5	< 2	0.07	< 0.5	2	19	114	7.80	10	< 1	0.02	< 10	0.31	220
SX5120	201	202	< 5	< 0.2	7.02	2	80	0.5	< 2	0.29	4.0	38	3	810	2.58	< 10	< 1	0.15	< 10	0.21	3360
SX5121	201	202	< 5	< 0.2	6.14	6	40	< 0.5	< 2	0.21	< 0.5	10	10	62	7.75	10	< 1	0.03	< 10	1.97	785
SX5122	201	202	< 5	< 0.2	3.49	< 2	70	< 0.5	< 2	0.13	< 0.5	5	20	13	5.03	10	< 1	0.02	< 10	0.51	480
SX5123	201	202	< 5	< 0.2	6.14	6	30	< 0.5	< 2	0.11	< 0.5	6	31	31	7.98	10	< 1	0.04	< 10	0.87	340
SX5124	201	202	25	0.2	6.65	6	110	< 0.5	< 2	0.06	< 0.5	1	6	114	9.98	< 10	< 1	0.08	< 10	0.23	270
SX5125	201	202	< 5	0.2	6.79	4	40	< 0.5	< 2	0.12	< 0.5	2	16	66	6.47	10	1	0.03	< 10	0.35	210
SX5126	201	202	10	0.6	6.80	6	50	< 0.5	< 2	0.09	< 0.5	2	10	45	7.38	10	< 1	0.03	< 10	0.31	170
SX5127	201	202	< 5	< 0.2	4.34	6	40	< 0.5	< 2	0.26	< 0.5	4	12	33	6.13	10	< 1	0.02	< 10	0.38	305
SX5128	201	202	< 5	< 0.2	4.98	< 2	130	0.5	< 2	0.33	4.5	77	3	527	2.28	< 10	1	0.06	< 10	0.29	6090
SX5129	201	202	< 5	< 0.2	3.44	< 2	30	< 0.5	< 2	0.11	< 0.5	4	16	47	6.39	10	< 1	0.04	< 10	0.47	345
SX5130	201	202	< 5	< 0.2	4.18	4	30	< 0.5	< 2	0.13	< 0.5	3	21	70	6.87	10	1	0.03	< 10	0.52	340
SX5131	201	202	< 5	< 0.2	5.33	4	40	< 0.5	< 2	0.17	< 0.5	6	20	95	7.18	< 10	1	0.03	< 10	0.60	495
SX5132	201	202	< 5	< 0.2	4.84	2	40	< 0.5	< 2	0.21	< 0.5	4	5	44	5.26	< 10	< 1	0.05	< 10	0.55	300
SX5133	201	202	< 5	< 0.2	7.66	8	90	0.5	< 2	0.14	< 0.5	18	16	69	6.16	< 10	< 1	0.03	< 10	0.37	635
SX5134	201	202	< 5	< 0.2	4.02	2	30	< 0.5	< 2	0.30	< 0.5	9	14	60	6.68	10	< 1	0.02	< 10	0.47	465
SX5135	201	202	< 5	< 0.2	9.77	16	40	< 0.5	< 2	0.09	< 0.5	8	22	94	5.99	< 10	< 1	0.04	< 10	0.88	570
SX5136	201	202	50	2.0	7.53	14	70	< 0.5	< 2	0.16	< 0.5	30	19	183	7.78	< 10	2	0.03	< 10	0.37	3080
SX5137	201	202	< 5	1.4	6.03	48	100	< 0.5	< 2	0.02	< 0.5	23	20	103	7.73	< 10	< 1	0.20	10	0.27	1930
SX5138	201	202	30	0.4	5.66	12	60	< 0.5	< 2	0.12	< 0.5	6	19	262	8.14	< 10	1	0.04	< 10	1.19	730
SX5139	201	202	< 5	< 0.2	3.87	8	30	< 0.5	< 2	0.17	< 0.5	4	8	81	6.52	< 10	< 1	0.03	< 10	0.39	365

CERTIFICATION:

*Handwritten signature: Hank Bickler*



# Chemex Labs Ltd.

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4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

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 Invoice No. : 19527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS

### A9527434

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
SX5100	201 202	1 < 0.01		4	1330	54 < 2		6	10	0.14	< 10	< 10	183	< 10	164
SX5101	201 202	< 1 < 0.01		3	660	6 < 2		5	10	0.15	< 10	< 10	211	< 10	28
SX5102	201 202	< 1 < 0.01		1	790	4 < 2		2	2	0.05	< 10	< 10	35	< 10	38
SX5103	201 202	3 < 0.01		4	710	32 < 2		6	16	0.12	< 10	< 10	135	< 10	248
SX5104	201 202	3 < 0.01		2	1020	10 < 2		7	15	0.09	< 10	< 10	119	< 10	114
SX5105	201 202	< 1 < 0.01		2	510	14 < 2		5	17	0.14	< 10	< 10	180	< 10	70
SX5106	201 202	< 1 < 0.01		2	880	14 < 2		4	18	0.12	< 10	< 10	168	< 10	60
SX5107	201 202	2 < 0.01		4	990	16 < 2		6	16	0.15	< 10	< 10	147	< 10	130
SX5108	201 202	< 1 < 0.01		5	850	164 < 2		11	20	0.07	< 10	< 10	200	< 10	294
SX5109	201 202	< 1 < 0.01		4	1050	4 < 2		9	7	0.16	< 10	< 10	259	< 10	46
SX5110	201 202	< 1 < 0.01		6	610	6 < 2		9	12	0.17	< 10	< 10	216	< 10	42
SX5111	201 202	4 < 0.01		2	910	14 < 2		6	15	0.11	< 10	< 10	152	< 10	68
SX5112	201 202	2 < 0.01		3	640	16 < 2		4	13	0.09	< 10	< 10	137	< 10	124
SX5113	201 202	1 < 0.01		3	1300	4 < 2		14	9	0.09	< 10	< 10	141	< 10	70
SX5114	201 202	< 1 < 0.01		2	1200	16 < 2		6	11	0.11	< 10	< 10	163	< 10	48
SX5115	201 202	3 < 0.01		4	930	44 < 2		4	9	0.07	< 10	< 10	87	< 10	394
SX5116	201 202	3 < 0.01		1	770	84 < 2		3	7	0.07	< 10	< 10	90	< 10	78
SX5117	201 202	3 < 0.01		1	880	28 < 2		3	13	0.09	< 10	< 10	112	< 10	28
SX5118	201 202	1 < 0.01		2	830	12 < 2		4	14	0.10	< 10	< 10	138	< 10	46
SX5119	201 202	1 < 0.01		2	670	16 < 2		5	8	0.15	< 10	< 10	207	< 10	38
SX5120	201 202	1 < 0.02		2	850	22 < 2		2	15	0.03	< 10	< 10	29	< 10	342
SX5121	201 202	< 1 < 0.01		3	1010	12 < 2		10	30	0.14	< 10	< 10	244	< 10	182
SX5122	201 202	2 < 0.01		3	370	6 < 2		5	13	0.14	< 10	< 10	160	< 10	40
SX5123	201 202	1 < 0.01		5	610	6 < 2		10	11	0.21	< 10	< 10	214	< 10	46
SX5124	201 202	2 < 0.01		< 1	1720	114 < 2		7	8	0.09	< 10	< 10	74	< 10	104
SX5125	201 202	1 < 0.02		2	910	26 < 2		6	13	0.12	< 10	< 10	140	< 10	108
SX5126	201 202	4 < 0.01		1	810	22 < 2		8	9	0.06	< 10	< 10	94	< 10	104
SX5127	201 202	2 < 0.01		2	490	12 < 2		5	22	0.12	< 10	< 10	154	< 10	96
SX5128	201 202	1 < 0.01		3	1120	16 < 2		1	21	0.04	< 10	< 10	37	< 10	574
SX5129	201 202	1 < 0.01		2	820	10 < 2		4	11	0.12	< 10	< 10	165	< 10	58
SX5130	201 202	1 < 0.01		3	670	14 < 2		6	13	0.15	< 10	< 10	161	< 10	78
SX5131	201 202	2 < 0.01		3	1260	16 < 2		7	17	0.16	< 10	< 10	162	< 10	86
SX5132	201 202	< 1 < 0.01		1	420	8 < 2		6	22	0.06	< 10	< 10	116	< 10	56
SX5133	201 202	1 < 0.01		4	910	16 < 2		7	14	0.16	< 10	< 10	109	< 10	198
SX5134	201 202	< 1 < 0.01		3	610	10 < 2		7	30	0.19	< 10	< 10	198	< 10	56
SX5135	201 202	1 < 0.01		6	1320	12 < 2		10	9	0.12	< 10	< 10	114	< 10	136
SX5136	201 202	2 < 0.01		3	1490	22 < 2		7	17	0.13	< 10	< 10	136	< 10	148
SX5137	201 202	< 1 < 0.01		2	1690	6 < 2		9	3	0.03	< 10	< 10	86	< 10	66
SX5138	201 202	< 1 < 0.01		4	740	22 < 2		7	15	0.16	< 10	< 10	123	< 10	140
SX5139	201 202	2 < 0.02		1	990	10 < 2		4	22	0.24	< 10	< 10	161	< 10	46

CERTIFICATION:



# 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: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
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Project: JAS  
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## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP CODE		Au ppb	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
			FA+AA																		
SX5140	201	202	< 5	< 0.2	8.25	8	80	< 0.5	< 2	0.17	< 0.5	12	17	544	8.02	< 10	1	0.06	< 10	0.99	735
SX5141	201	202	< 5	< 0.2	6.27	6	90	< 0.5	< 2	0.18	< 0.5	10	7	139	6.69	10	2	0.06	< 10	0.74	890
SX5142	201	202	< 5	0.2	4.06	2	60	< 0.5	< 2	0.09	< 0.5	1	8	132	7.34	< 10	< 1	0.04	< 10	0.25	195
SX5143	201	202	< 5	< 0.2	5.04	6	60	< 0.5	< 2	0.18	< 0.5	6	14	57	7.07	10	1	0.03	< 10	0.50	460
SX5144	201	202	< 5	< 0.2	5.02	4	30	< 0.5	< 2	0.08	< 0.5	4	23	36	6.89	10	< 1	0.01	< 10	0.37	190
SX5145	201	202	< 5	< 0.2	8.37	4	30	< 0.5	< 2	0.07	< 0.5	6	32	44	6.18	< 10	1	0.02	< 10	0.33	160
SX5146	201	202	< 5	0.2	7.98	4	40	< 0.5	< 2	0.13	< 0.5	6	21	119	6.71	10	< 1	0.02	< 10	0.28	240
SX5147	201	202	< 5	0.2	4.07	8	40	< 0.5	< 2	0.08	< 0.5	1	9	35	5.91	10	< 1	0.02	< 10	0.30	155
SX5148	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5149	201	202	< 5	< 0.2	5.11	18	40	< 0.5	< 2	0.28	< 0.5	9	7	52	6.97	10	< 1	0.02	< 10	0.57	445
SX5150	201	202	< 5	< 0.2	6.00	8	50	< 0.5	< 2	0.20	< 0.5	9	21	92	6.78	< 10	< 1	0.03	< 10	0.75	445
SX5151	201	202	< 5	< 0.2	3.87	2	40	< 0.5	< 2	0.25	< 0.5	4	11	44	5.43	< 10	< 1	0.02	< 10	0.35	285
SX5152	201	202	< 5	< 0.2	6.36	14	30	< 0.5	< 2	0.19	< 0.5	9	21	145	7.53	< 10	1	0.03	< 10	0.88	530
SX5153	201	202	< 5	< 0.2	4.05	4	20	< 0.5	< 2	0.26	< 0.5	4	12	51	6.77	10	1	0.01	< 10	0.35	330
SX5154	201	202	< 5	0.2	7.25	< 2	50	< 0.5	< 2	0.12	< 0.5	4	15	96	7.61	10	< 1	0.02	< 10	0.33	250
SX5155	201	202	< 5	0.2	5.91	6	70	< 0.5	< 2	0.19	< 0.5	9	14	458	6.62	10	< 1	0.02	< 10	0.58	380
SX5156	201	202	< 5	< 0.2	6.67	6	50	< 0.5	< 2	0.24	< 0.5	13	21	161	6.61	< 10	1	0.03	< 10	0.87	570
SX5157	201	202	< 5	< 0.2	6.48	4	110	0.5	< 2	0.13	0.5	12	18	90	6.99	10	1	0.06	< 10	0.77	515
SX5158	201	202	< 5	< 0.2	6.43	< 2	90	0.5	< 2	0.10	0.5	20	14	84	6.08	< 10	< 1	0.04	< 10	0.39	920
SX5159	201	202	< 5	< 0.2	7.00	8	80	0.5	< 2	0.14	< 0.5	12	18	90	6.43	< 10	1	0.03	< 10	0.49	1050
SX5160	201	202	< 5	< 0.2	8.79	8	60	< 0.5	< 2	0.11	< 0.5	11	23	76	6.70	< 10	1	0.02	< 10	0.44	410
SX5161	201	202	< 5	< 0.2	5.19	8	110	0.5	< 2	0.23	< 0.5	18	18	65	6.77	< 10	< 1	0.04	< 10	0.72	895
SX5162	201	202	< 5	< 0.2	7.36	8	70	< 0.5	< 2	0.24	< 0.5	12	20	91	5.98	< 10	1	0.04	< 10	0.62	690
SX5163	201	202	< 5	< 0.2	4.48	6	120	< 0.5	< 2	0.21	0.5	15	18	72	5.93	< 10	< 1	0.03	< 10	0.67	1120
SX5164	201	202	< 5	< 0.2	4.54	< 2	110	< 0.5	< 2	0.20	< 0.5	16	17	65	6.51	10	< 1	0.03	< 10	0.51	785
SX5165	201	202	< 5	< 0.2	6.60	< 2	40	< 0.5	< 2	0.11	< 0.5	12	20	89	6.25	< 10	< 1	0.03	< 10	0.69	710
SX5166	201	202	< 5	< 0.2	7.12	14	40	< 0.5	< 2	0.14	< 0.5	11	20	83	7.27	< 10	< 1	0.02	< 10	0.61	935
SX5167	201	202	< 5	< 0.2	6.37	< 2	40	< 0.5	< 2	0.22	< 0.5	14	23	124	7.73	< 10	1	0.04	< 10	0.92	650
SX5168	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5169	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5170	201	202	< 5	0.4	6.34	8	140	0.5	< 2	0.14	0.5	60	16	244	6.76	10	< 1	0.03	10	0.33	1255
SX5171	201	202	< 5	0.6	7.04	6	60	< 0.5	< 2	0.10	< 0.5	8	18	156	6.90	< 10	< 1	0.03	< 10	0.73	560
SX5172	201	202	< 5	0.2	6.10	6	50	< 0.5	< 2	0.10	< 0.5	6	14	76	5.71	< 10	< 1	0.04	< 10	0.44	535
SX5173	201	202	< 5	0.2	4.84	2	70	< 0.5	< 2	0.12	< 0.5	3	10	38	7.17	10	< 1	0.03	< 10	0.40	420
SX5174	201	202	< 5	0.4	5.91	6	60	< 0.5	< 2	0.10	< 0.5	4	16	136	6.88	< 10	1	0.03	< 10	0.44	590
SX5175	201	202	< 5	< 0.2	5.07	6	40	< 0.5	< 2	0.13	< 0.5	8	15	84	5.98	< 10	1	0.03	< 10	0.46	990
SX5176	201	202	15	< 0.2	5.65	8	40	< 0.5	< 2	0.18	< 0.5	9	19	91	5.97	< 10	< 1	0.03	< 10	0.64	460
SX5177	201	202	< 5	< 0.2	6.77	8	30	< 0.5	< 2	0.13	< 0.5	9	21	100	6.35	< 10	1	0.03	< 10	0.75	545
SX5178	201	202	< 5	0.4	6.02	8	70	< 0.5	< 2	0.13	< 0.5	9	14	278	6.84	< 10	< 1	0.04	< 10	0.46	450
SX5179	201	202	15	0.2	7.50	12	80	< 0.5	< 2	0.08	< 0.5	3	13	87	5.79	< 10	< 1	0.04	< 10	0.41	345

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



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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## CERTIFICATE OF ANALYSIS

### A9527434

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5140	201	202	2 < 0.01		5	1030	16	2	9	23	0.16	< 10	< 10	135	< 10	184
SX5141	201	202	< 1	0.01	2	610	8	< 2	8	23	0.09	< 10	< 10	119	< 10	68
SX5142	201	202	3	0.01	1	1050	26	< 2	4	9	0.04	< 10	< 10	117	< 10	28
SX5143	201	202	1 < 0.01		1	540	18	< 2	11	27	0.22	< 10	< 10	203	< 10	56
SX5144	201	202	< 1	< 0.01	3	510	4	< 2	6	9	0.17	< 10	< 10	199	< 10	42
SX5145	201	202	< 1	< 0.01	4	580	4	4	9	8	0.13	< 10	< 10	163	< 10	74
SX5146	201	202	< 1	< 0.01	2	780	8	6	10	18	0.18	< 10	< 10	166	< 10	82
SX5147	201	202	1 < 0.01		1	600	8	2	6	9	0.07	< 10	< 10	136	< 10	30
SX5148	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5149	201	202	1 < 0.01		2	390	14	< 2	6	31	0.27	< 10	< 10	182	< 10	94
SX5150	201	202	1 < 0.01		6	380	14	2	9	22	0.19	< 10	< 10	170	< 10	142
SX5151	201	202	< 1	< 0.01	1	420	12	< 2	6	27	0.18	< 10	< 10	147	< 10	116
SX5152	201	202	1 < 0.01		5	830	16	< 2	10	25	0.25	< 10	< 10	192	< 10	128
SX5153	201	202	1 < 0.01		2	270	6	4	4	30	0.22	< 10	< 10	216	< 10	74
SX5154	201	202	1 < 0.01		2	540	14	2	8	15	0.22	< 10	< 10	212	< 10	134
SX5155	201	202	2 < 0.01		3	330	14	4	9	25	0.16	< 10	< 10	182	< 10	214
SX5156	201	202	< 1	< 0.01	8	770	14	2	12	24	0.21	< 10	< 10	187	< 10	132
SX5157	201	202	< 1	< 0.01	6	920	26	< 2	12	15	0.20	< 10	< 10	176	< 10	222
SX5158	201	202	< 1	< 0.01	3	1170	72	< 2	11	13	0.12	< 10	< 10	120	< 10	172
SX5159	201	202	< 1	< 0.01	5	1550	14	< 2	10	16	0.18	< 10	< 10	160	< 10	192
SX5160	201	202	< 1	< 0.01	4	980	12	2	14	17	0.20	< 10	< 10	153	< 10	178
SX5161	201	202	1 < 0.01		6	940	16	< 2	9	24	0.23	< 10	< 10	173	< 10	164
SX5162	201	202	1 < 0.01		6	1500	10	2	11	17	0.21	< 10	< 10	137	< 10	152
SX5163	201	202	1 < 0.01		5	1040	24	< 2	10	20	0.18	< 10	< 10	165	< 10	192
SX5164	201	202	< 1	< 0.01	4	690	26	2	8	25	0.17	< 10	< 10	188	< 10	142
SX5165	201	202	< 1	< 0.01	4	1640	12	< 2	13	13	0.18	< 10	< 10	163	< 10	166
SX5166	201	202	< 1	< 0.01	4	1110	12	< 2	10	21	0.25	< 10	< 10	199	< 10	110
SX5167	201	202	< 1	< 0.01	7	810	8	2	12	29	0.27	< 10	< 10	217	< 10	114
SX5168	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5169	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5170	201	202	1 < 0.01		7	1150	48	< 2	10	16	0.15	< 10	< 10	165	< 10	226
SX5171	201	202	1 < 0.01		4	840	32	2	8	12	0.16	< 10	< 10	163	< 10	238
SX5172	201	202	1	0.01	3	1010	22	< 2	9	11	0.13	< 10	< 10	136	< 10	130
SX5173	201	202	< 1	< 0.01	1	640	20	< 2	8	16	0.15	< 10	< 10	171	< 10	138
SX5174	201	202	1	0.01	2	1520	18	< 2	8	16	0.12	< 10	< 10	149	< 10	134
SX5175	201	202	< 1	< 0.01	3	1180	14	2	7	17	0.16	< 10	< 10	144	< 10	104
SX5176	201	202	< 1	< 0.01	5	800	14	2	13	25	0.21	< 10	< 10	181	< 10	140
SX5177	201	202	< 1	< 0.01	4	1290	8	< 2	18	18	0.21	< 10	< 10	159	< 10	108
SX5178	201	202	1 < 0.01		3	790	24	< 2	8	20	0.12	< 10	< 10	146	< 10	180
SX5179	201	202	1	0.01	2	1170	20	< 2	8	12	0.09	< 10	< 10	106	< 10	134

CERTIFICATION:

*Hunter Becker*



# Chemex Labs Ltd.

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	FA+AA																				
SX5180	201	202	< 5	< 0.2	3.79	6	40	< 0.5	< 2	0.07	< 0.5	2	11	37	5.82	10	< 1	0.02	< 10	0.27	230
SX5181	201	202	< 5	< 0.2	3.83	4	30	< 0.5	< 2	0.08	< 0.5	2	13	27	5.63	10	< 1	0.01	< 10	0.24	160
SX5182	201	202	< 5	< 0.2	4.85	2	60	< 0.5	< 2	0.09	< 0.5	6	16	47	5.79	10	< 1	0.04	< 10	0.58	305
SX5183	201	202	< 5	< 0.2	5.96	10	60	< 0.5	< 2	0.12	< 0.5	8	17	55	6.13	10	< 1	0.04	< 10	0.61	335
SX5184	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5185	201	202	< 5	0.2	5.41	6	40	< 0.5	< 2	0.04	< 0.5	4	12	20	5.94	10	< 1	0.03	< 10	0.36	180
SX5186	201	202	< 5	0.2	4.85	6	40	< 0.5	< 2	0.03	< 0.5	3	12	17	5.76	10	1	0.03	< 10	0.34	185
SX5186A	201	202	< 5	< 0.2	0.88	18	230	< 0.5	< 2	0.21	1.0	55	< 1	68	>15.00	< 10	1	0.03	< 10	0.20	6360
SX5187	201	202	< 5	< 0.2	5.45	6	30	< 0.5	< 2	0.02	< 0.5	4	13	15	5.32	< 10	< 1	0.02	< 10	0.29	240
SX5188	201	202	10	< 0.2	4.45	12	100	< 0.5	< 2	0.07	< 0.5	12	17	46	4.63	< 10	< 1	0.06	< 10	1.11	765
SX5189	201	202	< 5	0.8	3.81	4	210	< 0.5	< 2	0.04	< 0.5	21	13	58	5.51	< 10	< 1	0.17	< 10	0.77	995
SX5190	201	202	< 5	< 0.2	5.02	4	160	< 0.5	< 2	0.09	< 0.5	12	21	66	6.42	< 10	< 1	0.05	< 10	0.64	470
SX5191	201	202	< 5	< 0.2	7.69	10	40	< 0.5	< 2	0.01	< 0.5	2	8	9	3.76	< 10	< 1	0.03	< 10	0.21	420
SX5192	201	202	< 5	< 0.2	2.15	4	420	0.5	< 2	0.59	0.5	5	4	10	1.69	< 10	< 1	0.12	< 10	0.58	1240
SX5193	201	202	< 5	< 0.2	3.68	6	80	< 0.5	< 2	0.03	< 0.5	3	6	7	3.20	< 10	< 1	0.03	< 10	0.36	180
SX5194	201	202	< 5	< 0.2	2.05	2	470	1.0	< 2	1.11	1.0	3	4	8	1.42	< 10	< 1	0.19	< 10	1.18	1420
SX5195	201	202	< 5	< 0.2	3.80	6	70	< 0.5	< 2	0.08	< 0.5	6	12	20	4.83	< 10	< 1	0.02	< 10	0.39	400
SX5196	201	202	< 5	0.2	6.62	4	100	< 0.5	< 2	0.10	< 0.5	7	13	81	5.42	10	1	0.04	< 10	0.52	280
SX5197	201	202	< 5	< 0.2	5.58	14	110	< 0.5	< 2	0.14	< 0.5	11	14	332	6.15	10	< 1	0.08	< 10	0.89	535
SX5198	201	202	< 5	< 0.2	4.33	4	80	< 0.5	< 2	0.20	< 0.5	7	9	72	4.65	< 10	< 1	0.06	< 10	0.70	400
SX5199	201	202	< 5	< 0.2	5.54	< 2	100	< 0.5	< 2	0.13	< 0.5	11	18	39	5.95	10	1	0.05	< 10	0.66	470
SX5200	201	202	< 5	< 0.2	2.75	8	390	0.5	< 2	1.44	2.5	10	8	40	1.97	< 10	< 1	0.12	< 10	0.72	2080
SX5201	201	202	< 5	0.2	6.54	< 2	80	< 0.5	< 2	0.17	< 0.5	11	15	141	5.99	< 10	< 1	0.05	< 10	0.77	685
SX5202	201	202	< 5	< 0.2	3.04	8	50	< 0.5	< 2	0.16	< 0.5	3	8	25	5.58	10	< 1	0.02	< 10	0.40	250
SX5203	201	202	< 5	< 0.2	4.32	4	90	< 0.5	< 2	0.14	< 0.5	8	9	220	6.08	10	< 1	0.03	< 10	0.41	400
SX5204	201	202	< 5	< 0.2	6.06	12	60	< 0.5	< 2	0.16	< 0.5	7	14	126	6.24	< 10	1	0.04	< 10	0.76	715
SX5205	201	202	< 5	< 0.2	6.92	12	110	< 0.5	< 2	0.34	< 0.5	18	17	413	6.68	10	< 1	0.12	< 10	1.06	1430
SX5206	201	202	< 5	0.2	7.61	16	80	< 0.5	< 2	0.12	< 0.5	8	16	110	6.99	10	1	0.04	< 10	0.58	435
SX5207	201	202	< 5	0.4	6.46	14	50	< 0.5	< 2	0.09	< 0.5	7	18	95	6.21	10	< 1	0.04	< 10	0.74	330
SX5208	201	202	< 5	< 0.2	4.49	< 2	60	< 0.5	< 2	0.16	< 0.5	6	13	76	5.37	10	< 1	0.02	< 10	0.49	360
SX5209	201	202	< 5	< 0.2	5.14	8	90	< 0.5	< 2	0.09	< 0.5	8	8	82	6.23	< 10	1	0.04	< 10	0.61	365
SX5210	201	202	< 5	< 0.2	5.90	8	80	< 0.5	< 2	0.08	< 0.5	7	17	51	5.78	10	< 1	0.04	< 10	0.72	400
SX5211	201	202	< 5	< 0.2	4.92	10	140	0.5	< 2	0.19	< 0.5	21	15	157	5.28	< 10	< 1	0.08	< 10	1.27	1260
SX5212	201	202	< 5	< 0.2	2.95	12	40	< 0.5	< 2	0.12	< 0.5	3	12	30	5.91	10	1	0.06	< 10	0.45	265
SX5213	201	202	< 5	0.2	6.58	6	80	0.5	< 2	0.07	< 0.5	3	8	151	6.03	10	1	0.05	< 10	0.56	475
SX5214	201	202	< 5	< 0.2	2.94	12	70	< 0.5	< 2	0.12	< 0.5	2	8	206	4.42	< 10	1	0.08	< 10	0.46	885
SX5215	201	202	< 5	< 0.2	4.62	8	80	< 0.5	< 2	0.11	< 0.5	11	17	139	7.28	10	< 1	0.04	< 10	0.97	1245
SX5216	201	202	< 5	< 0.2	3.95	6	70	< 0.5	< 2	0.12	< 0.5	6	17	71	5.47	< 10	< 1	0.02	< 10	0.56	560
SX5217	201	202	< 5	< 0.2	5.55	6	40	< 0.5	< 2	0.12	< 0.5	6	20	106	5.60	< 10	1	0.03	< 10	0.63	615
SX5218	201	202	< 5	0.2	7.08	12	30	< 0.5	< 2	0.08	< 0.5	7	17	157	5.48	< 10	1	0.04	< 10	0.74	605

CERTIFICATION: *[Signature]*



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Analytical Chemists \* Geochemists \* Registered Assayers  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

Page Number : 3-B  
 Total Pages : 5  
 Certificate Date: 18-SEP-95  
 Invoice No. : I9527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5180	201	202	< 1	< 0.01	1	810	20	< 2	4	9	0.10	< 10	< 10	155	< 10	54
SX5181	201	202	1	< 0.01	1	440	20	< 2	6	10	0.10	< 10	< 10	149	< 10	94
SX5182	201	202	1	0.01	4	480	14	< 2	7	11	0.14	< 10	< 10	180	< 10	70
SX5183	201	202	< 1	0.01	5	580	14	< 2	10	14	0.19	< 10	< 10	195	< 10	80
SX5184	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5185	201	202	< 1	< 0.01	3	1200	10	< 2	4	6	0.08	< 10	< 10	107	< 10	56
SX5186	201	202	< 1	< 0.01	2	1100	10	< 2	3	6	0.07	< 10	< 10	107	< 10	54
SX5186A	201	202	1	< 0.01	4	710	8	< 2	3	14	0.03	< 10	< 10	57	< 10	84
SX5187	201	202	< 1	< 0.01	2	1510	10	< 2	3	3	0.06	< 10	< 10	87	< 10	50
SX5188	201	202	1	< 0.01	9	1520	14	4	6	6	0.06	< 10	< 10	97	< 10	84
SX5189	201	202	< 1	0.01	7	990	8	< 2	8	6	< 0.01	< 10	< 10	57	< 10	62
SX5190	201	202	< 1	< 0.01	7	440	22	< 2	9	10	0.08	< 10	< 10	155	< 10	194
SX5191	201	202	< 1	0.01	1	2110	12	< 2	2	2	0.03	< 10	< 10	38	< 10	64
SX5192	201	202	< 1	0.01	1	1070	14	< 2	1	32	0.03	< 10	< 10	28	< 10	52
SX5193	201	202	< 1	0.01	1	660	8	< 2	2	4	0.03	< 10	< 10	42	< 10	58
SX5194	201	202	< 1	0.02	1	1620	16	< 2	1	46	0.01	< 10	< 10	20	< 10	68
SX5195	201	202	1	0.01	3	600	10	< 2	3	8	0.06	< 10	< 10	119	< 10	68
SX5196	201	202	1	< 0.01	4	1010	20	2	7	14	0.06	< 10	< 10	107	< 10	162
SX5197	201	202	3	0.01	4	730	28	2	6	14	0.02	< 10	< 10	120	< 10	194
SX5198	201	202	1	0.01	3	610	8	2	6	21	0.01	< 10	< 10	108	< 10	84
SX5199	201	202	1	0.01	6	660	8	< 2	8	13	0.06	< 10	< 10	154	< 10	98
SX5200	201	202	< 1	0.01	3	1670	36	2	2	56	0.02	< 10	< 10	49	< 10	326
SX5201	201	202	1	0.01	6	920	16	< 2	7	17	0.12	< 10	< 10	146	< 10	182
SX5202	201	202	< 1	< 0.01	3	510	14	< 2	4	14	0.12	< 10	< 10	131	< 10	56
SX5203	201	202	1	< 0.01	2	800	66	< 2	5	15	0.09	< 10	< 10	137	< 10	146
SX5204	201	202	< 1	< 0.01	4	1140	34	< 2	8	18	0.13	< 10	< 10	150	< 10	142
SX5205	201	202	2	< 0.01	7	1330	106	2	11	27	0.13	< 10	< 10	146	< 10	232
SX5206	201	202	1	< 0.01	3	1580	56	< 2	7	12	0.15	< 10	< 10	152	< 10	378
SX5207	201	202	< 1	< 0.01	3	900	28	< 2	8	9	0.12	< 10	< 10	156	< 10	148
SX5208	201	202	1	< 0.01	3	730	28	< 2	6	16	0.13	< 10	< 10	141	< 10	116
SX5209	201	202	1	0.01	3	660	30	< 2	7	9	0.05	< 10	< 10	127	< 10	152
SX5210	201	202	< 1	< 0.01	3	710	18	< 2	7	9	0.09	< 10	< 10	147	< 10	232
SX5211	201	202	2	< 0.01	10	1020	34	2	9	15	0.14	< 10	< 10	112	< 10	208
SX5212	201	202	1	< 0.01	2	840	16	2	4	12	0.08	< 10	< 10	171	< 10	42
SX5213	201	202	7	0.01	1	1600	20	< 2	3	7	0.02	< 10	< 10	70	< 10	126
SX5214	201	202	2	0.01	2	1890	14	2	2	6	< 0.01	< 10	< 10	59	< 10	38
SX5215	201	202	2	< 0.01	4	1120	14	< 2	7	11	0.07	< 10	< 10	152	< 10	106
SX5216	201	202	1	< 0.01	3	810	18	< 2	6	13	0.10	< 10	< 10	152	< 10	136
SX5217	201	202	< 1	< 0.01	4	820	16	< 2	8	14	0.16	< 10	< 10	170	< 10	212
SX5218	201	202	< 1	< 0.01	4	1340	18	< 2	8	9	0.10	< 10	< 10	127	< 10	182

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



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: ARNEX RESOURCES LIMITED

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Page Number :4-A  
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 Account :AN

## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP CODE		Au ppb	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
	201	202	FA+AA																		
SX5219	201	202	< 5	0.2	4.53	6	40	< 0.5	< 2	0.16	< 0.5	9	17	56	6.44	10	< 1	0.04	< 10	0.65	515
SX5220	201	202	< 5	0.4	6.70	2	60	< 0.5	2	0.13	< 0.5	9	20	73	5.57	10	1	0.06	< 10	0.61	480
SX5221	201	202	< 5	< 0.2	5.05	6	30	< 0.5	< 2	0.08	< 0.5	18	15	90	6.31	10	1	0.02	< 10	0.36	1200
SX5222	201	202	< 5	0.2	6.21	8	60	< 0.5	< 2	0.13	< 0.5	12	16	71	6.21	10	< 1	0.04	< 10	0.58	945
SX5223	201	202	< 5	< 0.2	4.33	6	180	< 0.5	< 2	0.54	< 0.5	16	9	130	5.47	< 10	1	0.08	< 10	1.36	1250
SX5224	201	202	< 5	0.2	4.73	6	70	0.5	8	0.19	< 0.5	11	13	67	6.35	10	1	0.03	< 10	0.53	600
SX5225	201	202	< 5	0.6	5.03	2	80	< 0.5	< 2	0.18	< 0.5	16	14	301	7.57	10	< 1	0.04	< 10	0.90	1570
SX5226	201	202	< 5	0.2	4.60	6	70	< 0.5	< 2	0.23	< 0.5	16	9	229	6.34	10	< 1	0.03	< 10	0.75	1230
SX5227	201	202	< 5	0.2	7.04	14	160	0.5	< 2	0.28	0.5	28	12	665	7.55	10	1	0.05	< 10	1.08	1170
SX5228	201	202	< 5	< 0.2	5.98	10	120	< 0.5	< 2	0.19	< 0.5	17	14	169	5.76	10	< 1	0.06	< 10	0.97	860
SX5229	201	202	< 5	0.6	7.00	4	160	0.5	< 2	0.20	0.5	18	16	334	5.32	10	1	0.05	< 10	0.74	1915
SX5230	201	202	< 5	0.4	7.62	14	70	< 0.5	< 2	0.20	< 0.5	13	14	188	6.14	10	< 1	0.03	< 10	0.64	960
SX5231	201	202	< 5	0.6	5.29	8	60	< 0.5	4	0.11	< 0.5	3	13	61	6.84	10	1	0.07	< 10	0.48	605
SX5232	201	202	< 5	0.8	6.31	18	60	< 0.5	2	0.11	< 0.5	5	14	190	6.52	10	2	0.04	< 10	0.61	645
SX5233	201	202	< 5	0.4	7.91	12	120	< 0.5	< 2	0.07	< 0.5	7	17	182	6.69	10	1	0.06	< 10	1.02	620
SX5234	201	202	30	0.4	5.04	12	260	< 0.5	8	0.28	< 0.5	9	15	147	7.72	10	1	0.18	< 10	1.88	910
SX5235	201	202	< 5	0.6	7.08	16	70	< 0.5	< 2	0.14	< 0.5	10	18	237	6.35	10	1	0.04	< 10	0.69	380
SX5236	201	202	< 5	1.4	6.63	6	90	< 0.5	4	0.19	< 0.5	10	14	741	5.53	10	< 1	0.03	10	0.88	390
SX5237	201	202	120	0.4	2.64	12	120	< 0.5	4	0.63	< 0.5	18	18	103	5.85	< 10	1	0.10	< 10	1.51	890
SX5238	201	202	140	< 0.2	2.64	10	100	< 0.5	2	0.74	< 0.5	19	24	70	5.83	10	1	0.09	< 10	1.43	840
SX5239	201	202	< 5	0.2	3.03	10	130	< 0.5	2	0.76	< 0.5	21	23	96	6.22	< 10	2	0.08	< 10	1.71	950
SX5240	201	202	< 5	0.4	4.21	16	120	< 0.5	4	1.28	< 0.5	23	16	154	7.20	10	1	0.04	< 10	1.97	940
SX5241	201	202	< 5	< 0.2	3.73	4	140	< 0.5	< 2	0.32	< 0.5	11	13	89	5.29	10	1	0.04	< 10	1.49	660
SX5242	201	202	< 5	0.2	2.90	6	60	< 0.5	< 2	0.23	< 0.5	7	12	48	5.20	< 10	< 1	0.03	< 10	1.11	460
SX5243	201	202	< 5	< 0.2	7.74	12	30	0.5	< 2	0.13	< 0.5	41	13	65	4.90	< 10	< 1	0.02	10	0.61	755
SX5244	201	202	< 5	< 0.2	7.24	8	30	0.5	4	0.14	< 0.5	24	14	97	5.25	< 10	< 1	0.02	< 10	0.54	825
SX5600	201	202	< 5	< 0.2	6.86	4	60	1.0	< 2	0.20	2.0	59	3	679	1.89	< 10	< 1	0.11	< 10	0.10	4020
SX5601	201	202	< 5	0.2	5.98	4	40	< 0.5	< 2	0.15	< 0.5	8	17	52	4.58	10	< 1	0.08	< 10	0.36	525
SX5602	201	202	375	< 0.2	2.98	8	80	< 0.5	< 2	1.08	< 0.5	22	46	77	6.65	10	< 1	0.10	< 10	1.42	875
SX5603	201	202	40	0.2	3.30	2	120	< 0.5	< 2	1.00	< 0.5	20	27	61	7.11	10	1	0.09	< 10	1.71	910
SX5604	201	202	30	0.2	3.38	6	140	< 0.5	< 2	1.04	0.5	20	19	126	5.18	< 10	1	0.10	< 10	1.26	1030
SX5605	201	202	10	< 0.2	3.37	12	190	< 0.5	< 2	0.80	1.5	18	7	139	4.60	< 10	< 1	0.14	< 10	1.55	1910
SX5606	201	202	< 5	< 0.2	2.84	< 2	130	< 0.5	< 2	1.79	< 0.5	8	9	45	2.58	< 10	1	0.26	< 10	0.43	1120
SX5607	201	202	< 5	< 0.2	2.54	< 2	130	< 0.5	< 2	1.86	< 0.5	9	9	50	2.03	< 10	< 1	0.14	< 10	0.41	990
SX5608	201	202	< 5	0.2	2.44	< 2	370	< 0.5	< 2	1.67	3.0	7	7	88	1.88	< 10	< 1	0.18	< 10	0.38	1150
SX5609	201	202	< 5	0.2	3.44	8	250	< 0.5	< 2	0.90	3.5	23	12	153	3.30	< 10	1	0.10	< 10	0.72	1345
SX5610	201	202	< 5	0.2	8.79	8	70	0.5	< 2	0.13	< 0.5	15	17	71	5.23	10	< 1	0.04	< 10	0.27	340
SX5611	201	202	< 5	< 0.2	3.53	8	130	< 0.5	< 2	0.47	< 0.5	14	15	38	4.58	< 10	1	0.13	< 10	1.32	1025
SX5612	201	202	< 5	0.4	4.75	10	100	0.5	< 2	0.82	4.0	69	6	406	3.18	< 10	< 1	0.19	< 10	0.47	3300
SX5613	201	202	< 5	< 0.2	2.77	6	230	< 0.5	< 2	1.16	0.5	18	8	133	1.87	< 10	< 1	0.11	< 10	0.44	1875

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



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### A9527434

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5219	201	202	< 1	< 0.01	4	820	14	< 2	9	17	0.12	< 10	< 10	181	< 10	114
SX5220	201	202	1	< 0.01	6	1020	12	< 2	9	16	0.11	< 10	< 10	132	< 10	178
SX5221	201	202	< 1	< 0.01	2	1320	12	< 2	6	9	0.08	< 10	< 10	121	< 10	78
SX5222	201	202	1	< 0.01	5	1150	8	< 2	10	12	0.08	< 10	< 10	118	< 10	116
SX5223	201	202	2	< 0.01	4	1220	98	2	9	33	0.18	< 10	< 10	88	< 10	178
SX5224	201	202	1	< 0.01	4	1130	14	< 2	9	20	0.19	< 10	< 10	145	< 10	112
SX5225	201	202	1	< 0.01	6	1430	6	< 2	11	29	0.07	< 10	< 10	163	< 10	210
SX5226	201	202	< 1	< 0.01	3	740	14	< 2	8	34	0.10	< 10	< 10	155	< 10	190
SX5227	201	202	< 1	< 0.01	8	1270	6	< 2	11	42	0.10	< 10	< 10	154	< 10	640
SX5228	201	202	< 1	< 0.01	7	790	12	< 2	15	40	0.10	< 10	< 10	133	< 10	272
SX5229	201	202	1	< 0.01	8	1320	12	< 2	12	39	0.06	< 10	< 10	117	< 10	796
SX5230	201	202	< 1	< 0.01	6	1290	22	< 2	16	27	0.13	< 10	< 10	156	< 10	330
SX5231	201	202	1	< 0.01	1	720	20	< 2	11	15	0.10	< 10	< 10	181	< 10	102
SX5232	201	202	< 1	< 0.01	2	1330	24	< 2	12	17	0.11	< 10	< 10	149	< 10	186
SX5233	201	202	1	< 0.01	6	1330	16	2	13	12	0.06	< 10	< 10	133	< 10	270
SX5234	201	202	1	0.01	6	1280	20	< 2	15	41	0.20	< 10	< 10	176	< 10	134
SX5235	201	202	1	< 0.01	7	810	16	< 2	11	21	0.14	< 10	< 10	169	< 10	136
SX5236	201	202	1	< 0.01	7	700	14	< 2	10	29	0.15	< 10	< 10	136	< 10	124
SX5237	201	202	< 1	< 0.01	8	800	22	< 2	10	33	0.18	< 10	< 10	146	< 10	146
SX5238	201	202	< 1	< 0.01	10	670	12	< 2	10	62	0.21	< 10	< 10	167	< 10	128
SX5239	201	202	< 1	< 0.01	10	710	14	< 2	10	57	0.20	< 10	< 10	161	< 10	146
SX5240	201	202	2	< 0.01	10	960	6	< 2	10	97	0.20	< 10	< 10	140	< 10	114
SX5241	201	202	1	< 0.01	8	920	8	< 2	9	40	0.14	< 10	< 10	116	< 10	78
SX5242	201	202	< 1	< 0.01	5	530	8	< 2	7	26	0.14	< 10	< 10	139	< 10	62
SX5243	201	202	3	< 0.01	5	1770	10	< 2	10	16	0.15	< 10	< 10	85	< 10	40
SX5244	201	202	2	< 0.01	6	1820	4	< 2	11	17	0.13	< 10	< 10	102	< 10	46
SX5600	201	202	2	0.01	2	660	20	< 2	2	11	0.01	< 10	< 10	17	< 10	196
SX5601	201	202	< 1	< 0.01	4	1150	8	< 2	9	14	0.16	< 10	< 10	130	< 10	114
SX5602	201	202	< 1	< 0.01	19	950	6	< 2	12	48	0.21	< 10	< 10	194	< 10	80
SX5603	201	202	< 1	0.01	12	730	6	< 2	15	44	0.22	< 10	< 10	256	< 10	84
SX5604	201	202	< 1	< 0.01	8	580	26	< 2	10	85	0.20	< 10	< 10	147	< 10	226
SX5605	201	202	1	< 0.01	4	820	52	< 2	9	55	0.15	< 10	< 10	97	< 10	530
SX5606	201	202	< 1	< 0.02	4	1160	16	< 2	4	44	0.08	< 10	< 10	76	< 10	88
SX5607	201	202	< 1	0.01	5	1020	14	< 2	4	42	0.06	< 10	< 10	63	< 10	76
SX5608	201	202	< 1	0.01	4	1170	22	< 2	2	52	0.04	< 10	< 10	47	< 10	230
SX5609	201	202	1	< 0.01	8	920	18	< 2	6	37	0.07	< 10	< 10	71	< 10	872
SX5610	201	202	3	< 0.01	6	940	28	< 2	12	10	0.13	< 10	< 10	151	< 10	170
SX5611	201	202	< 1	< 0.01	7	810	8	< 2	9	28	0.14	< 10	< 10	133	< 10	92
SX5612	201	202	2	0.01	6	1080	22	< 2	4	35	0.07	< 10	< 10	54	< 10	488
SX5613	201	202	1	0.01	4	1140	14	< 2	2	64	0.05	< 10	< 10	48	< 10	164

CERTIFICATION:

*Handwritten signature: Stuart Birkeland*





# 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: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

Page Number : 5-A  
 Total Pages : 5  
 Certificate Date: 18-SEP-95  
 Invoice No. : I9527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS

A9527434

SAMPLE	PREP CODE		Au ppb	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
	FA+AA																				
SX5614	201	202	< 5	< 0.2	2.28	6	210	< 0.5	< 2	0.81	0.5	14	12	97	2.47	< 10	< 1	0.14	< 10	0.89	1250
SX5615	201	202	< 5	0.2	3.08	2	100	< 0.5	< 2	1.02	0.5	14	18	47	3.49	< 10	< 1	0.11	< 10	1.32	1150
SX5616	201	202	10	0.2	4.71	30	160	1.0	< 2	0.49	2.0	54	9	365	6.59	< 10	1	0.15	< 10	0.83	2590
SX5617	201	202	25	0.2	3.92	24	150	0.5	2	0.93	3.0	46	10	612	5.47	< 10	1	0.13	< 10	1.48	1490
SX5618	201	202	15	0.4	3.77	10	140	0.5	2	0.95	1.0	34	10	187	4.41	< 10	1	0.11	< 10	0.98	1560
SX5619	201	202	< 5	0.4	3.81	8	170	< 0.5	< 2	0.78	2.0	35	14	195	5.70	< 10	2	0.11	< 10	1.31	1700
SX5620	201	202	< 5	0.4	5.09	20	110	0.5	< 2	1.20	0.5	175	11	371	9.25	10	1	0.10	< 10	2.11	2660
SX5621	201	202	< 5	< 0.2	2.70	8	200	< 0.5	< 2	1.93	1.0	17	13	150	3.53	< 10	< 1	0.15	< 10	0.89	1250
SX5622 A	201	202	< 5	0.2	3.41	6	280	< 0.5	< 2	0.84	2.0	34	9	70	4.23	< 10	1	0.09	< 10	0.64	2640
SX5622 B	201	202	< 5	0.4	3.49	6	210	< 0.5	2	1.18	< 0.5	23	23	92	7.21	< 10	2	0.10	< 10	1.36	1050
SX5623	201	202	< 5	< 0.2	2.60	2	210	< 0.5	< 2	1.43	< 0.5	17	26	62	4.81	< 10	< 1	0.17	< 10	1.32	885
SX5624	201	202	< 5	0.4	1.07	2	740	< 0.5	< 2	2.59	0.5	9	9	308	1.41	< 10	< 1	0.41	< 10	0.40	410
SX5625	201	202	10	< 0.2	3.63	8	210	< 0.5	< 2	0.89	< 0.5	27	19	156	6.20	< 10	< 1	0.09	< 10	1.63	1100
SX5626	201	202	< 5	< 0.2	3.16	12	140	< 0.5	8	0.67	< 0.5	25	16	169	5.69	< 10	< 1	0.09	< 10	1.50	950
SX5627	201	202	< 5	< 0.2	5.44	10	100	0.5	6	0.88	< 0.5	30	10	355	5.57	10	1	0.06	< 10	1.20	1375
SX5628	201	202	< 5	1.2	3.53	10	270	2.0	< 2	1.10	7.5	43	7	689	2.87	< 10	< 1	0.15	20	0.79	2790
SX5629	201	202	105	0.2	4.08	20	240	0.5	< 2	0.44	0.5	32	10	249	5.44	< 10	1	0.15	< 10	1.81	1960

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



# 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: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N. VANCOUVER, BC  
 V7G 1E5

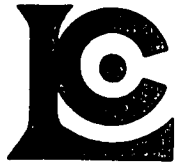
Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 18-SEP-95  
 Invoice No. : I9527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5614	201	202	1 < 0.01		7	1020	22	< 2	4	48	0.10	< 10	< 10	74	< 10	98
SX5615	201	202	< 1 < 0.01		8	1060	14	< 2	9	45	0.14	< 10	< 10	129	< 10	114
SX5616	201	202	2 < 0.01		12	1080	28	< 2	8	29	0.14	< 10	< 10	69	< 10	516
SX5617	201	202	3 < 0.01		10	1010	24	2	9	56	0.13	< 10	< 10	105	< 10	830
SX5618	201	202	1 < 0.01		7	920	14	< 2	8	47	0.13	< 10	< 10	101	< 10	220
SX5619	201	202	1 < 0.01		9	820	18	< 2	9	51	0.17	< 10	< 10	118	< 10	422
SX5620	201	202	3 < 0.01		20	1440	12	< 2	12	71	0.19	< 10	< 10	144	< 10	232
SX5621	201	202	1 0.01		10	880	18	< 2	6	56	0.09	< 10	< 10	84	< 10	208
SX5622 A	201	202	1 < 0.01		7	1070	16	< 2	6	37	0.12	< 10	< 10	92	< 10	624
SX5622 B	201	202	< 1 < 0.01		11	920	8	< 2	11	68	0.26	< 10	< 10	199	< 10	92
SX5623	201	202	< 1 0.03		18	1140	8	< 2	9	46	0.10	< 10	< 10	114	< 10	70
SX5624	201	202	< 1 0.09		6	2730	8	< 2	< 1	52	0.01	< 10	< 10	46	< 10	50
SX5625	201	202	1 < 0.01		13	980	8	< 2	10	65	0.19	< 10	< 10	146	< 10	114
SX5626	201	202	1 < 0.01		11	960	14	< 2	8	55	0.15	< 10	< 10	124	< 10	130
SX5627	201	202	3 < 0.01		9	1130	44	< 2	10	51	0.13	< 10	< 10	104	< 10	246
SX5628	201	202	2 0.02		10	1380	686	< 2	4	48	0.07	< 10	< 10	49	< 10	738
SX5629	201	202	2 0.01		12	830	48	< 2	8	31	0.06	< 10	< 10	93	< 10	360

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



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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

Page Number : 1-A  
 Total Pages : 5  
 Certificate Date: 18-SEP-95  
 Invoice No. : 19527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP CODE		Au ppb	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
			FA+AA																		
SX5100	201	202	< 5	0.2	5.53	8	20	< 0.5	< 2	0.08	0.5	4	31	581	9.54	10	< 1	0.03	< 10	0.69	370
SX5101	201	202	< 5	< 0.2	2.92	< 2	20	< 0.5	< 2	0.10	< 0.5	4	20	15	6.43	10	< 1	0.02	< 10	0.39	270
SX5102	201	202	< 5	< 0.2	8.79	< 2	40	< 0.5	< 2	0.03	< 0.5	1	7	7	3.52	< 10	< 1	0.02	10	0.16	85
SX5103	201	202	< 5	0.2	4.98	8	80	< 0.5	< 2	0.16	< 0.5	8	17	154	6.35	< 10	< 1	0.06	< 10	1.02	725
SX5104	201	202	< 5	< 0.2	5.52	4	100	< 0.5	< 2	0.15	< 0.5	6	13	237	7.59	< 10	1	0.04	< 10	0.82	560
SX5105	201	202	< 5	< 0.2	4.35	4	50	< 0.5	< 2	0.16	< 0.5	3	14	39	6.38	10	1	0.01	< 10	0.16	185
SX5106	201	202	< 5	< 0.2	4.37	6	40	< 0.5	< 2	0.17	< 0.5	4	16	41	6.53	10	< 1	0.02	< 10	0.45	335
SX5107	201	202	< 5	0.2	5.99	6	110	< 0.5	< 2	0.20	< 0.5	9	18	80	5.33	< 10	< 1	0.04	< 10	0.50	480
SX5108	201	202	< 5	1.6	4.95	26	60	< 0.5	< 2	0.13	< 0.5	18	50	100	8.15	10	< 1	0.03	< 10	0.97	1725
SX5109	201	202	< 5	< 0.2	4.97	< 2	20	< 0.5	< 2	0.06	< 0.5	7	24	85	7.27	10	1	0.02	< 10	0.93	325
SX5110	201	202	< 5	< 0.2	5.40	6	30	< 0.5	< 2	0.11	< 0.5	7	30	32	6.87	10	< 1	0.02	< 10	0.56	245
SX5111	201	202	< 5	0.2	5.90	14	40	< 0.5	< 2	0.16	< 0.5	4	19	110	6.88	10	< 1	0.04	< 10	0.46	370
SX5112	201	202	< 5	0.2	4.74	6	40	< 0.5	< 2	0.14	0.5	8	14	83	5.49	10	< 1	0.02	< 10	0.43	450
SX5113	201	202	< 5	< 0.2	8.43	14	70	< 0.5	< 2	0.07	< 0.5	4	12	106	9.98	< 10	< 1	0.04	< 10	0.65	465
SX5114	201	202	< 5	< 0.2	4.23	4	50	< 0.5	< 2	0.12	< 0.5	4	12	54	6.83	< 10	< 1	0.03	< 10	0.42	525
SX5115	201	202	< 5	0.4	5.39	6	90	< 0.5	< 2	0.09	1.0	8	15	103	5.68	< 10	< 1	0.04	< 10	0.51	345
SX5116	201	202	15	0.2	3.75	4	40	< 0.5	< 2	0.07	< 0.5	1	8	29	6.31	< 10	2	0.03	< 10	0.17	145
SX5117	201	202	< 5	< 0.2	2.95	6	50	< 0.5	< 2	0.12	< 0.5	2	7	25	5.47	< 10	< 1	0.04	< 10	0.29	195
SX5118	201	202	< 5	0.2	3.51	8	60	< 0.5	< 2	0.14	< 0.5	3	12	37	6.03	10	< 1	0.02	< 10	0.36	270
SX5119	201	202	< 5	< 0.2	2.27	8	30	< 0.5	< 2	0.07	< 0.5	2	19	114	7.80	10	< 1	0.02	< 10	0.31	220
SX5120	201	202	< 5	< 0.2	7.02	2	80	0.5	< 2	0.29	4.0	38	3	810	2.58	< 10	< 1	0.15	< 10	0.21	3360
SX5121	201	202	< 5	< 0.2	6.14	6	40	< 0.5	< 2	0.21	< 0.5	10	10	62	7.75	10	< 1	0.03	< 10	1.97	785
SX5122	201	202	< 5	< 0.2	3.49	< 2	70	< 0.5	< 2	0.13	< 0.5	5	20	13	5.03	10	1	0.02	< 10	0.51	480
SX5123	201	202	< 5	< 0.2	6.14	6	30	< 0.5	< 2	0.11	< 0.5	6	31	31	7.98	10	< 1	0.04	< 10	0.87	340
SX5124	201	202	25	0.2	6.65	6	110	< 0.5	< 2	0.06	< 0.5	1	6	114	9.98	< 10	< 1	0.08	< 10	0.23	270
SX5125	201	202	< 5	0.2	6.79	4	40	< 0.5	< 2	0.12	< 0.5	2	16	66	6.47	10	1	0.03	< 10	0.35	210
SX5126	201	202	10	0.6	6.80	6	50	< 0.5	< 2	0.09	< 0.5	2	10	45	7.38	10	< 1	0.03	< 10	0.31	170
SX5127	201	202	< 5	< 0.2	4.34	6	40	< 0.5	< 2	0.26	< 0.5	4	12	33	6.13	10	< 1	0.02	< 10	0.38	305
SX5128	201	202	< 5	< 0.2	4.98	< 2	130	0.5	< 2	0.33	4.5	77	3	527	2.28	< 10	1	0.06	< 10	0.29	6090
SX5129	201	202	< 5	< 0.2	3.44	< 2	30	< 0.5	< 2	0.11	< 0.5	4	16	47	6.39	10	< 1	0.04	< 10	0.47	345
SX5130	201	202	< 5	< 0.2	4.18	4	30	< 0.5	< 2	0.13	< 0.5	3	21	70	6.87	10	1	0.03	< 10	0.52	340
SX5131	201	202	< 5	< 0.2	5.33	4	40	< 0.5	< 2	0.17	< 0.5	6	20	95	7.18	< 10	1	0.03	< 10	0.60	495
SX5132	201	202	< 5	< 0.2	4.84	2	40	< 0.5	< 2	0.21	< 0.5	4	5	44	5.26	< 10	< 1	0.05	< 10	0.55	300
SX5133	201	202	< 5	< 0.2	7.66	8	90	0.5	< 2	0.14	< 0.5	18	16	69	6.16	< 10	< 1	0.03	< 10	0.37	635
SX5134	201	202	< 5	< 0.2	4.02	2	30	< 0.5	< 2	0.30	< 0.5	9	14	60	6.68	10	< 1	0.02	< 10	0.47	465
SX5135	201	202	< 5	< 0.2	9.77	16	40	< 0.5	< 2	0.09	< 0.5	8	22	94	5.99	< 10	< 1	0.04	< 10	0.88	570
SX5136	201	202	50	2.0	7.53	14	70	< 0.5	< 2	0.16	< 0.5	30	19	183	7.78	< 10	2	0.03	< 10	0.37	3080
SX5137	201	202	< 5	1.4	6.03	48	100	< 0.5	< 2	0.02	< 0.5	23	20	103	7.73	< 10	< 1	0.20	10	0.27	1930
SX5138	201	202	30	0.4	5.66	12	60	< 0.5	< 2	0.12	< 0.5	6	19	262	8.14	< 10	1	0.04	< 10	1.19	730
SX5139	201	202	< 5	< 0.2	3.87	8	30	< 0.5	< 2	0.17	< 0.5	4	8	81	6.52	< 10	< 1	0.03	< 10	0.39	365

CERTIFICATION: Hank Birkeland





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 212 Brooksbank Ave., North Vancouver  
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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
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Project : JAS  
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## CERTIFICATE OF ANALYSIS A9527434

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
SX5140	201 202	< 5	< 0.2	8.25	8	80	< 0.5	< 2	0.17	< 0.5	12	17	544	8.02	< 10	1	0.06	< 10	0.99	735
SX5141	201 202	< 5	< 0.2	6.27	6	90	< 0.5	< 2	0.18	< 0.5	10	7	139	6.69	10	2	0.06	< 10	0.74	890
SX5142	201 202	< 5	0.2	4.06	2	60	< 0.5	< 2	0.09	< 0.5	1	8	132	7.34	< 10	< 1	0.04	< 10	0.25	195
SX5143	201 202	< 5	< 0.2	5.04	6	60	< 0.5	< 2	0.18	< 0.5	6	14	57	7.07	10	1	0.03	< 10	0.50	460
SX5144	201 202	< 5	< 0.2	5.02	4	30	< 0.5	< 2	0.08	< 0.5	4	23	36	6.89	10	< 1	0.01	< 10	0.37	190
SX5145	201 202	< 5	< 0.2	8.37	4	30	< 0.5	< 2	0.07	< 0.5	6	32	44	6.18	< 10	1	0.02	< 10	0.33	160
SX5146	201 202	< 5	0.2	7.98	4	40	< 0.5	< 2	0.13	< 0.5	6	21	119	6.71	10	< 1	0.02	< 10	0.28	240
SX5147	201 202	< 5	0.2	4.07	8	40	< 0.5	< 2	0.08	< 0.5	1	9	35	5.91	10	< 1	0.02	< 10	0.30	155
SX5148	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5149	201 202	< 5	< 0.2	5.11	18	40	< 0.5	< 2	0.28	< 0.5	9	7	52	6.97	10	< 1	0.02	< 10	0.57	445
SX5150	201 202	< 5	< 0.2	6.00	8	50	< 0.5	< 2	0.20	< 0.5	9	21	92	6.78	< 10	< 1	0.03	< 10	0.75	445
SX5151	201 202	< 5	< 0.2	3.87	2	40	< 0.5	< 2	0.25	< 0.5	4	11	44	5.43	< 10	< 1	0.02	< 10	0.35	285
SX5152	201 202	< 5	< 0.2	6.36	14	30	< 0.5	< 2	0.19	< 0.5	9	21	145	7.53	< 10	1	0.03	< 10	0.88	530
SX5153	201 202	< 5	< 0.2	4.05	4	20	< 0.5	< 2	0.26	< 0.5	4	12	51	6.77	10	1	0.01	< 10	0.35	330
SX5154	201 202	< 5	0.2	7.25	< 2	50	< 0.5	< 2	0.12	< 0.5	4	15	96	7.61	10	< 1	0.02	< 10	0.33	250
SX5155	201 202	< 5	0.2	5.91	6	70	< 0.5	< 2	0.19	< 0.5	9	14	458	6.62	10	< 1	0.02	< 10	0.58	380
SX5156	201 202	< 5	< 0.2	6.67	6	50	< 0.5	< 2	0.24	< 0.5	13	21	161	6.61	< 10	1	0.03	< 10	0.87	570
SX5157	201 202	< 5	< 0.2	6.48	4	110	0.5	< 2	0.13	0.5	12	18	90	6.99	10	1	0.06	< 10	0.77	515
SX5158	201 202	< 5	< 0.2	6.43	< 2	90	0.5	< 2	0.10	0.5	20	14	84	6.08	< 10	< 1	0.04	< 10	0.39	920
SX5159	201 202	< 5	< 0.2	7.00	8	80	0.5	< 2	0.14	< 0.5	12	18	90	6.43	< 10	1	0.03	< 10	0.49	1050
SX5160	201 202	< 5	< 0.2	8.79	8	60	< 0.5	< 2	0.11	< 0.5	11	23	76	6.70	< 10	1	0.02	< 10	0.44	410
SX5161	201 202	< 5	< 0.2	5.19	8	110	0.5	< 2	0.23	< 0.5	18	18	65	6.77	< 10	< 1	0.04	< 10	0.72	895
SX5162	201 202	< 5	< 0.2	7.36	8	70	< 0.5	< 2	0.24	< 0.5	12	20	91	5.98	< 10	1	0.04	< 10	0.62	690
SX5163	201 202	< 5	< 0.2	4.48	6	120	< 0.5	< 2	0.21	0.5	15	18	72	5.93	< 10	< 1	0.03	< 10	0.67	1120
SX5164	201 202	< 5	< 0.2	4.54	< 2	110	< 0.5	< 2	0.20	< 0.5	16	17	65	6.51	10	< 1	0.03	< 10	0.51	785
SX5165	201 202	< 5	< 0.2	6.60	< 2	40	< 0.5	< 2	0.11	< 0.5	12	20	89	6.25	< 10	< 1	0.03	< 10	0.69	710
SX5166	201 202	< 5	< 0.2	7.12	14	40	< 0.5	< 2	0.14	< 0.5	11	20	83	7.27	< 10	< 1	0.02	< 10	0.61	935
SX5167	201 202	< 5	< 0.2	6.37	< 2	40	< 0.5	< 2	0.22	< 0.5	14	23	124	7.73	< 10	1	0.04	< 10	0.92	650
SX5168	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5169	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5170	201 202	< 5	0.4	6.34	8	140	0.5	< 2	0.14	0.5	60	16	244	6.76	10	< 1	0.03	10	0.33	1255
SX5171	201 202	< 5	0.6	7.04	6	60	< 0.5	< 2	0.10	< 0.5	8	18	156	6.90	< 10	< 1	0.03	< 10	0.73	560
SX5172	201 202	< 5	0.2	6.10	6	50	< 0.5	< 2	0.10	< 0.5	6	14	76	5.71	< 10	< 1	0.04	< 10	0.44	535
SX5173	201 202	< 5	0.2	4.84	2	70	< 0.5	< 2	0.12	< 0.5	3	10	38	7.17	10	< 1	0.03	< 10	0.40	420
SX5174	201 202	< 5	0.4	5.91	6	60	< 0.5	< 2	0.10	< 0.5	4	16	136	6.88	< 10	1	0.03	< 10	0.44	590
SX5175	201 202	< 5	< 0.2	5.07	6	40	< 0.5	< 2	0.13	< 0.5	8	15	84	5.98	< 10	1	0.03	< 10	0.46	990
SX5176	201 202	15	< 0.2	5.65	8	40	< 0.5	< 2	0.18	< 0.5	9	19	91	5.97	< 10	< 1	0.03	< 10	0.64	460
SX5177	201 202	< 5	< 0.2	6.77	8	30	< 0.5	< 2	0.13	< 0.5	9	21	100	6.35	< 10	1	0.03	< 10	0.75	545
SX5178	201 202	< 5	0.4	6.02	8	70	< 0.5	< 2	0.13	< 0.5	9	14	278	6.84	< 10	< 1	0.04	< 10	0.46	450
SX5179	201 202	15	0.2	7.50	12	80	< 0.5	< 2	0.08	< 0.5	3	13	87	5.79	< 10	< 1	0.04	< 10	0.41	345

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

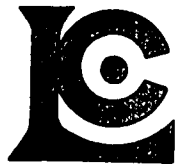
Page Number :2-B  
 Total Pages :5  
 Certificate Date: 18-SEP-95  
 Invoice No. :I9527434  
 P.O. Number :  
 Account :AN

## CERTIFICATE OF ANALYSIS

### A9527434

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5140	201	202	2 < 0.01		5	1030	16	2	9	23	0.16	< 10	< 10	135	< 10	184
SX5141	201	202	< 1 < 0.01		2	610	8	< 2	8	23	0.09	< 10	< 10	119	< 10	68
SX5142	201	202	3	0.01	1	1050	26	< 2	4	9	0.04	< 10	< 10	117	< 10	28
SX5143	201	202	1 < 0.01		1	540	18	< 2	11	27	0.22	< 10	< 10	203	< 10	56
SX5144	201	202	< 1 < 0.01		3	510	4	< 2	6	9	0.17	< 10	< 10	199	< 10	42
SX5145	201	202	< 1 < 0.01		4	580	4	4	9	8	0.13	< 10	< 10	163	< 10	74
SX5146	201	202	< 1 < 0.01		2	780	8	6	10	18	0.18	< 10	< 10	166	< 10	82
SX5147	201	202	1 < 0.01		1	600	8	2	6	9	0.07	< 10	< 10	136	< 10	30
SX5148	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5149	201	202	1 < 0.01		2	390	14	< 2	6	31	0.27	< 10	< 10	182	< 10	94
SX5150	201	202	1 < 0.01		6	380	14	2	9	22	0.19	< 10	< 10	170	< 10	142
SX5151	201	202	< 1 < 0.01		1	420	12	< 2	6	27	0.18	< 10	< 10	147	< 10	116
SX5152	201	202	1 < 0.01		5	830	16	< 2	10	25	0.25	< 10	< 10	192	< 10	128
SX5153	201	202	1 < 0.01		2	270	6	4	4	30	0.22	< 10	< 10	216	< 10	74
SX5154	201	202	1 < 0.01		2	540	14	2	8	15	0.22	< 10	< 10	212	< 10	134
SX5155	201	202	2 < 0.01		3	330	14	4	9	25	0.16	< 10	< 10	182	< 10	214
SX5156	201	202	< 1 < 0.01		8	770	14	2	12	24	0.21	< 10	< 10	187	< 10	132
SX5157	201	202	< 1 < 0.01		6	920	26	< 2	12	15	0.20	< 10	< 10	176	< 10	222
SX5158	201	202	< 1 < 0.01		3	1170	72	< 2	11	13	0.12	< 10	< 10	120	< 10	172
SX5159	201	202	< 1 < 0.01		5	1550	14	< 2	10	16	0.18	< 10	< 10	160	< 10	192
SX5160	201	202	< 1 < 0.01		4	980	12	2	14	17	0.20	< 10	< 10	153	< 10	178
SX5161	201	202	1 < 0.01		6	940	16	< 2	9	24	0.23	< 10	< 10	173	< 10	164
SX5162	201	202	1 < 0.01		6	1500	10	2	11	17	0.21	< 10	< 10	137	< 10	152
SX5163	201	202	1 < 0.01		5	1040	24	< 2	10	20	0.18	< 10	< 10	165	< 10	192
SX5164	201	202	< 1 < 0.01		4	690	26	2	8	25	0.17	< 10	< 10	188	< 10	142
SX5165	201	202	< 1 < 0.01		4	1640	12	< 2	13	13	0.18	< 10	< 10	163	< 10	166
SX5166	201	202	< 1 < 0.01		4	1110	12	< 2	10	21	0.25	< 10	< 10	199	< 10	110
SX5167	201	202	< 1 < 0.01		7	810	8	2	12	29	0.27	< 10	< 10	217	< 10	114
SX5168	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5169	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5170	201	202	1 < 0.01		7	1150	48	< 2	10	16	0.15	< 10	< 10	165	< 10	226
SX5171	201	202	1 < 0.01		4	840	32	2	8	12	0.16	< 10	< 10	163	< 10	238
SX5172	201	202	1 < 0.01		3	1010	22	< 2	9	11	0.13	< 10	< 10	136	< 10	130
SX5173	201	202	< 1 < 0.01		1	640	20	< 2	8	16	0.15	< 10	< 10	171	< 10	138
SX5174	201	202	1 < 0.01		2	1520	18	< 2	8	16	0.12	< 10	< 10	149	< 10	134
SX5175	201	202	< 1 < 0.01		3	1180	14	2	7	17	0.16	< 10	< 10	144	< 10	104
SX5176	201	202	< 1 < 0.01		5	800	14	2	13	25	0.21	< 10	< 10	181	< 10	140
SX5177	201	202	< 1 < 0.01		4	1290	8	< 2	18	18	0.21	< 10	< 10	159	< 10	108
SX5178	201	202	1 < 0.01		3	790	24	< 2	8	20	0.12	< 10	< 10	146	< 10	180
SX5179	201	202	1 < 0.01		2	1170	20	< 2	8	12	0.09	< 10	< 10	106	< 10	134

CERTIFICATION: *Handwritten Signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
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 V7G 1E5

Page Number : 3-A  
 Total Pages : 5  
 Certificate Date: 18-SEP-95  
 Invoice No. : 19527434  
 P.O. Number :  
 Account : AN

Project : JAS  
 Comments: ATTN: A. O. BIRKELAND

## CERTIFICATE OF ANALYSIS A9527434

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA	AA	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
SX5180	201	202	< 5	< 0.2	3.79	6	40	< 0.5	< 2	0.07	< 0.5	2	11	37	5.82	10	< 1	0.02	< 10	0.27	230
SX5181	201	202	< 5	< 0.2	3.83	4	30	< 0.5	< 2	0.08	< 0.5	2	13	27	5.63	10	< 1	0.01	< 10	0.24	160
SX5182	201	202	< 5	< 0.2	4.85	2	60	< 0.5	< 2	0.09	< 0.5	6	16	47	5.79	10	< 1	0.04	< 10	0.58	305
SX5183	201	202	< 5	< 0.2	5.96	10	60	< 0.5	< 2	0.12	< 0.5	8	17	55	6.13	10	< 1	0.04	< 10	0.61	335
SX5184	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5185	201	202	< 5	0.2	5.41	6	40	< 0.5	< 2	0.04	< 0.5	4	12	20	5.94	10	< 1	0.03	< 10	0.36	180
SX5186	201	202	< 5	0.2	4.85	6	40	< 0.5	< 2	0.03	< 0.5	3	12	17	5.76	10	1	0.03	< 10	0.34	185
SX5186A	201	202	< 5	< 0.2	0.88	18	230	< 0.5	< 2	0.21	1.0	55	< 1	68	>15.00	< 10	1	0.03	< 10	0.20	6360
SX5187	201	202	< 5	< 0.2	5.45	6	30	< 0.5	< 2	0.02	< 0.5	4	13	15	5.32	< 10	< 1	0.02	< 10	0.29	240
SX5188	201	202	10	< 0.2	4.45	12	100	< 0.5	< 2	0.07	< 0.5	12	17	46	4.63	< 10	< 1	0.06	< 10	1.11	765
SX5189	201	202	< 5	0.8	3.81	4	210	< 0.5	< 2	0.04	< 0.5	21	13	58	5.51	< 10	< 1	0.17	< 10	0.77	995
SX5190	201	202	< 5	< 0.2	5.02	4	160	< 0.5	< 2	0.09	< 0.5	12	21	66	6.42	< 10	< 1	0.05	10	0.64	470
SX5191	201	202	< 5	< 0.2	7.69	10	40	< 0.5	< 2	0.01	< 0.5	2	8	9	3.76	< 10	< 1	0.03	< 10	0.21	420
SX5192	201	202	< 5	< 0.2	2.15	4	420	0.5	< 2	0.59	0.5	5	4	10	1.69	< 10	< 1	0.12	10	0.58	1240
SX5193	201	202	< 5	< 0.2	3.68	6	80	< 0.5	< 2	0.03	< 0.5	3	6	7	3.20	< 10	< 1	0.03	< 10	0.36	180
SX5194	201	202	< 5	< 0.2	2.05	2	470	1.0	< 2	1.11	1.0	3	4	8	1.42	< 10	< 1	0.19	10	1.18	1420
SX5195	201	202	< 5	< 0.2	3.80	6	70	< 0.5	< 2	0.08	< 0.5	6	12	20	4.83	< 10	< 1	0.02	< 10	0.39	400
SX5196	201	202	< 5	0.2	6.62	4	100	< 0.5	< 2	0.10	< 0.5	7	13	81	5.42	10	1	0.04	< 10	0.52	280
SX5197	201	202	< 5	< 0.2	5.58	14	110	< 0.5	< 2	0.14	< 0.5	11	14	332	6.15	10	< 1	0.08	< 10	0.89	535
SX5198	201	202	< 5	< 0.2	4.33	4	80	< 0.5	< 2	0.20	< 0.5	7	9	72	4.65	< 10	< 1	0.06	< 10	0.70	400
SX5199	201	202	< 5	< 0.2	5.54	< 2	100	< 0.5	< 2	0.13	< 0.5	11	18	39	5.95	10	1	0.05	< 10	0.66	470
SX5200	201	202	< 5	< 0.2	2.75	8	390	0.5	< 2	1.44	2.5	10	8	40	1.97	< 10	< 1	0.12	10	0.72	2080
SX5201	201	202	< 5	0.2	6.54	< 2	80	< 0.5	< 2	0.17	< 0.5	11	15	141	5.99	< 10	< 1	0.05	< 10	0.77	685
SX5202	201	202	< 5	< 0.2	3.04	8	50	< 0.5	< 2	0.16	< 0.5	3	8	25	5.58	10	< 1	0.02	< 10	0.40	250
SX5203	201	202	< 5	< 0.2	4.32	4	90	< 0.5	< 2	0.14	< 0.5	8	9	220	6.08	10	< 1	0.03	< 10	0.41	400
SX5204	201	202	< 5	< 0.2	6.06	12	60	< 0.5	< 2	0.16	< 0.5	7	14	126	6.24	< 10	1	0.04	< 10	0.76	715
SX5205	201	202	< 5	< 0.2	6.92	12	110	< 0.5	< 2	0.34	< 0.5	18	17	413	6.68	10	< 1	0.12	< 10	1.06	1430
SX5206	201	202	< 5	0.2	7.61	16	80	< 0.5	< 2	0.12	< 0.5	8	16	110	6.99	10	1	0.04	< 10	0.58	435
SX5207	201	202	< 5	0.4	6.46	14	50	< 0.5	< 2	0.09	< 0.5	7	18	95	6.21	10	< 1	0.04	< 10	0.74	330
SX5208	201	202	< 5	< 0.2	4.49	< 2	60	< 0.5	< 2	0.16	< 0.5	6	13	76	5.37	10	< 1	0.02	< 10	0.49	360
SX5209	201	202	< 5	< 0.2	5.14	8	90	< 0.5	< 2	0.09	< 0.5	8	8	82	6.23	< 10	1	0.04	< 10	0.61	365
SX5210	201	202	< 5	< 0.2	5.90	8	80	< 0.5	< 2	0.08	< 0.5	7	17	51	5.78	10	< 1	0.04	< 10	0.72	400
SX5211	201	202	< 5	< 0.2	4.92	10	140	0.5	< 2	0.19	< 0.5	21	15	157	5.28	< 10	< 1	0.08	10	1.27	1260
SX5212	201	202	< 5	< 0.2	2.95	12	40	< 0.5	< 2	0.12	< 0.5	3	12	30	5.91	10	1	0.06	< 10	0.45	265
SX5213	201	202	< 5	0.2	6.58	6	80	0.5	< 2	0.07	< 0.5	3	8	151	6.03	10	1	0.05	10	0.56	475
SX5214	201	202	< 5	< 0.2	2.94	12	70	< 0.5	< 2	0.12	< 0.5	2	8	206	4.42	< 10	1	0.08	< 10	0.46	885
SX5215	201	202	< 5	< 0.2	4.62	8	80	< 0.5	< 2	0.11	< 0.5	11	17	139	7.28	10	< 1	0.04	< 10	0.97	1245
SX5216	201	202	< 5	< 0.2	3.95	6	70	< 0.5	< 2	0.12	< 0.5	6	17	71	5.47	< 10	< 1	0.02	< 10	0.56	560
SX5217	201	202	< 5	< 0.2	5.55	6	40	< 0.5	< 2	0.12	< 0.5	6	20	106	5.60	< 10	1	0.03	< 10	0.63	615
SX5218	201	202	< 5	0.2	7.08	12	30	< 0.5	< 2	0.08	< 0.5	7	17	157	5.48	< 10	1	0.04	< 10	0.74	605

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



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

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
 N.VANCOUVER, BC  
 V7G 1E5

Project: JAS  
 Comments: ATTN: A. O. BIRKELAND

Page Number : 3-B  
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 Certificate Date: 18-SEP-95  
 Invoice No. : 19527434  
 P.O. Number :  
 Account : AN

## CERTIFICATE OF ANALYSIS

A9527434

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5180	201	202	< 1	< 0.01	1	810	20	< 2	4	9	0.10	< 10	< 10	155	< 10	54
SX5181	201	202	1	< 0.01	1	440	20	< 2	6	10	0.10	< 10	< 10	149	< 10	94
SX5182	201	202	1	0.01	4	480	14	< 2	7	11	0.14	< 10	< 10	180	< 10	70
SX5183	201	202	< 1	0.01	5	580	14	< 2	10	14	0.19	< 10	< 10	195	< 10	80
SX5184	--	--	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
SX5185	201	202	< 1	< 0.01	3	1200	10	< 2	4	6	0.08	< 10	< 10	107	< 10	56
SX5186	201	202	< 1	< 0.01	2	1100	10	< 2	3	6	0.07	< 10	< 10	107	< 10	54
SX5186A	201	202	1	< 0.01	4	710	8	< 2	3	14	0.03	< 10	< 10	57	< 10	84
SX5187	201	202	< 1	< 0.01	2	1510	10	< 2	3	3	0.06	< 10	< 10	87	< 10	50
SX5188	201	202	1	< 0.01	9	1520	14	4	6	6	0.06	< 10	< 10	97	< 10	84
SX5189	201	202	< 1	0.01	7	990	8	< 2	8	6	< 0.01	< 10	< 10	57	< 10	62
SX5190	201	202	< 1	< 0.01	7	440	22	< 2	9	10	0.08	< 10	< 10	155	< 10	194
SX5191	201	202	< 1	< 0.01	1	2110	12	< 2	2	2	0.03	< 10	< 10	38	< 10	64
SX5192	201	202	< 1	0.01	1	1070	14	< 2	1	32	0.03	< 10	< 10	28	< 10	52
SX5193	201	202	< 1	0.01	1	660	8	< 2	2	4	0.03	< 10	< 10	42	< 10	58
SX5194	201	202	< 1	0.02	1	1620	16	< 2	1	46	0.01	< 10	< 10	20	< 10	68
SX5195	201	202	1	0.01	3	600	10	< 2	3	8	0.06	< 10	< 10	119	< 10	68
SX5196	201	202	1	< 0.01	4	1010	20	2	7	14	0.06	< 10	< 10	107	< 10	162
SX5197	201	202	3	0.01	4	730	28	2	6	14	0.02	< 10	< 10	120	< 10	194
SX5198	201	202	1	0.01	3	610	8	2	6	21	0.01	< 10	< 10	108	< 10	84
SX5199	201	202	1	0.01	6	660	8	< 2	8	13	0.06	< 10	< 10	154	< 10	98
SX5200	201	202	< 1	0.01	3	1670	36	2	2	56	0.02	< 10	< 10	49	< 10	326
SX5201	201	202	1	0.01	6	920	16	< 2	7	17	0.12	< 10	< 10	146	< 10	182
SX5202	201	202	< 1	< 0.01	3	510	14	< 2	4	14	0.12	< 10	< 10	131	< 10	56
SX5203	201	202	1	< 0.01	2	800	66	< 2	5	15	0.09	< 10	< 10	137	< 10	146
SX5204	201	202	< 1	< 0.01	4	1140	34	< 2	8	18	0.13	< 10	< 10	150	< 10	142
SX5205	201	202	2	< 0.01	7	1330	106	2	11	27	0.13	< 10	< 10	146	< 10	232
SX5206	201	202	1	< 0.01	3	1580	56	< 2	7	12	0.15	< 10	< 10	152	< 10	378
SX5207	201	202	< 1	< 0.01	3	900	28	< 2	8	9	0.12	< 10	< 10	156	< 10	148
SX5208	201	202	1	< 0.01	3	730	28	< 2	6	16	0.13	< 10	< 10	141	< 10	116
SX5209	201	202	1	0.01	3	660	30	< 2	7	9	0.05	< 10	< 10	127	< 10	152
SX5210	201	202	< 1	< 0.01	3	710	18	< 2	7	9	0.09	< 10	< 10	147	< 10	232
SX5211	201	202	2	< 0.01	10	1020	34	2	9	15	0.14	< 10	< 10	112	< 10	208
SX5212	201	202	1	< 0.01	2	840	16	2	4	12	0.08	< 10	< 10	171	< 10	42
SX5213	201	202	7	0.01	1	1600	20	< 2	3	7	0.02	< 10	< 10	70	< 10	126
SX5214	201	202	2	0.01	2	1890	14	2	2	6	< 0.01	< 10	< 10	59	< 10	38
SX5215	201	202	2	< 0.01	4	1120	14	< 2	7	11	0.07	< 10	< 10	152	< 10	106
SX5216	201	202	1	< 0.01	3	810	18	< 2	6	13	0.10	< 10	< 10	152	< 10	136
SX5217	201	202	< 1	< 0.01	4	820	16	< 2	8	14	0.16	< 10	< 10	170	< 10	212
SX5218	201	202	< 1	< 0.01	4	1340	18	< 2	8	9	0.10	< 10	< 10	127	< 10	182

CERTIFICATION:





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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SAMPLE	PREP CODE		Au ppb	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
	FA+AA																				
SX5219	201	202	< 5	0.2	4.53	6	40	< 0.5	< 2	0.16	< 0.5	9	17	56	6.44	10	< 1	0.04	< 10	0.65	515
SX5220	201	202	< 5	0.4	6.70	2	60	< 0.5	2	0.13	< 0.5	9	20	73	5.57	10	1	0.06	< 10	0.61	480
SX5221	201	202	< 5	< 0.2	5.05	6	30	< 0.5	< 2	0.08	< 0.5	18	15	90	6.31	10	1	0.02	< 10	0.36	1200
SX5222	201	202	< 5	0.2	6.21	8	60	< 0.5	< 2	0.13	< 0.5	12	16	71	6.21	10	< 1	0.04	< 10	0.58	945
SX5223	201	202	< 5	< 0.2	4.33	6	180	< 0.5	< 2	0.54	< 0.5	16	9	130	5.47	< 10	1	0.08	< 10	1.36	1250
SX5224	201	202	< 5	0.2	4.73	6	70	0.5	8	0.19	< 0.5	11	13	67	6.35	10	1	0.03	< 10	0.53	600
SX5225	201	202	< 5	0.6	5.03	2	80	< 0.5	< 2	0.18	< 0.5	16	14	301	7.57	10	< 1	0.04	< 10	0.90	1570
SX5226	201	202	< 5	0.2	4.60	6	70	< 0.5	< 2	0.23	< 0.5	16	9	229	6.34	10	< 1	0.03	< 10	0.75	1230
SX5227	201	202	< 5	0.2	7.04	14	160	0.5	< 2	0.28	0.5	28	12	665	7.55	10	1	0.05	< 10	1.08	1170
SX5228	201	202	< 5	< 0.2	5.98	10	120	< 0.5	< 2	0.19	< 0.5	17	14	169	5.76	10	< 1	0.06	< 10	0.97	860
SX5229	201	202	< 5	0.6	7.00	4	160	0.5	< 2	0.20	0.5	18	16	334	5.32	10	1	0.05	< 10	0.74	1915
SX5230	201	202	< 5	0.4	7.62	14	70	< 0.5	< 2	0.20	< 0.5	13	14	188	6.14	10	< 1	0.03	< 10	0.64	960
SX5231	201	202	< 5	0.6	5.29	8	60	< 0.5	4	0.11	< 0.5	3	13	61	6.84	10	1	0.07	< 10	0.48	605
SX5232	201	202	< 5	0.8	6.31	18	60	< 0.5	2	0.11	< 0.5	5	14	190	6.52	10	2	0.04	< 10	0.61	645
SX5233	201	202	< 5	0.4	7.91	12	120	< 0.5	< 2	0.07	< 0.5	7	17	182	6.69	10	1	0.06	< 10	1.02	620
SX5234	201	202	30	0.4	5.04	12	260	< 0.5	8	0.28	< 0.5	9	15	147	7.72	10	1	0.18	< 10	1.88	910
SX5235	201	202	< 5	0.6	7.08	16	70	< 0.5	< 2	0.14	< 0.5	10	18	237	6.35	10	1	0.04	< 10	0.69	380
SX5236	201	202	< 5	1.4	6.63	6	90	< 0.5	4	0.19	< 0.5	10	14	741	5.53	10	< 1	0.03	10	0.88	390
SX5237	201	202	120	0.4	2.64	12	120	< 0.5	4	0.63	< 0.5	18	18	103	5.85	< 10	1	0.10	< 10	1.51	890
SX5238	201	202	140	< 0.2	2.64	10	100	< 0.5	2	0.74	< 0.5	19	24	70	5.83	10	1	0.09	< 10	1.43	840
SX5239	201	202	< 5	0.2	3.03	10	130	< 0.5	2	0.76	< 0.5	21	23	96	6.22	< 10	2	0.08	< 10	1.71	950
SX5240	201	202	< 5	0.4	4.21	16	120	< 0.5	4	1.28	< 0.5	23	16	154	7.20	10	1	0.04	< 10	1.97	940
SX5241	201	202	< 5	< 0.2	3.73	4	140	< 0.5	< 2	0.32	< 0.5	11	13	89	5.29	10	1	0.04	< 10	1.49	660
SX5242	201	202	< 5	0.2	2.90	6	60	< 0.5	< 2	0.23	< 0.5	7	12	48	5.20	< 10	< 1	0.03	< 10	1.11	460
SX5243	201	202	< 5	< 0.2	7.74	12	30	0.5	< 2	0.13	< 0.5	41	13	65	4.90	< 10	< 1	0.02	10	0.61	755
SX5244	201	202	< 5	< 0.2	7.24	8	30	0.5	4	0.14	< 0.5	24	14	97	5.25	< 10	< 1	0.02	< 10	0.54	825
SX5600	201	202	< 5	< 0.2	6.86	4	60	1.0	< 2	0.20	2.0	59	3	679	1.89	< 10	< 1	0.11	< 10	0.10	4020
SX5601	201	202	< 5	0.2	5.98	4	40	< 0.5	< 2	0.15	< 0.5	8	17	52	4.58	10	< 1	0.08	< 10	0.36	525
SX5602	201	202	375	< 0.2	2.98	8	80	< 0.5	< 2	1.08	< 0.5	22	46	77	6.65	10	< 1	0.10	< 10	1.42	875
SX5603	201	202	40	0.2	3.30	2	120	< 0.5	< 2	1.00	< 0.5	20	27	61	7.11	10	1	0.09	< 10	1.71	910
SX5604	201	202	30	0.2	3.38	6	140	< 0.5	< 2	1.04	0.5	20	19	126	5.18	< 10	1	0.10	< 10	1.26	1030
SX5605	201	202	10	< 0.2	3.37	12	190	< 0.5	< 2	0.80	1.5	18	7	139	4.60	< 10	< 1	0.14	< 10	1.55	1910
SX5606	201	202	< 5	< 0.2	2.84	< 2	130	< 0.5	< 2	1.79	< 0.5	8	9	45	2.58	< 10	1	0.26	< 10	0.43	1120
SX5607	201	202	< 5	< 0.2	2.54	< 2	130	< 0.5	< 2	1.86	< 0.5	9	9	50	2.03	< 10	< 1	0.14	< 10	0.41	990
SX5608	201	202	< 5	0.2	2.44	< 2	370	< 0.5	< 2	1.67	3.0	7	7	88	1.88	< 10	< 1	0.18	< 10	0.38	1150
SX5609	201	202	< 5	0.2	3.44	8	250	< 0.5	< 2	0.90	3.5	23	12	153	3.30	< 10	1	0.10	< 10	0.72	1345
SX5610	201	202	< 5	0.2	8.79	8	70	0.5	< 2	0.13	< 0.5	15	17	71	5.23	10	< 1	0.04	< 10	0.27	340
SX5611	201	202	< 5	< 0.2	3.53	8	130	< 0.5	< 2	0.47	< 0.5	14	15	38	4.58	< 10	1	0.13	< 10	1.32	1025
SX5612	201	202	< 5	0.4	4.75	10	100	0.5	< 2	0.82	4.0	69	6	406	3.18	< 10	< 1	0.19	< 10	0.47	3300
SX5613	201	202	< 5	< 0.2	2.77	6	230	< 0.5	< 2	1.16	0.5	18	8	133	1.87	< 10	< 1	0.11	< 10	0.44	1875

CERTIFICATION:

*Handwritten signature*



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			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5219	201	202	< 1	< 0.01	4	820	14	< 2	9	17	0.12	< 10	< 10	181	< 10	114
SX5220	201	202	1	< 0.01	6	1020	12	< 2	9	16	0.11	< 10	< 10	132	< 10	178
SX5221	201	202	< 1	< 0.01	2	1320	12	< 2	6	9	0.08	< 10	< 10	121	< 10	78
SX5222	201	202	1	< 0.01	5	1150	8	< 2	10	12	0.08	< 10	< 10	118	< 10	116
SX5223	201	202	2	< 0.01	4	1220	98	< 2	9	33	0.18	< 10	< 10	88	< 10	178
SX5224	201	202	1	< 0.01	4	1130	14	< 2	9	20	0.19	< 10	< 10	145	< 10	112
SX5225	201	202	1	< 0.01	6	1430	6	< 2	11	29	0.07	< 10	< 10	163	< 10	210
SX5226	201	202	< 1	< 0.01	3	740	14	< 2	8	34	0.10	< 10	< 10	155	< 10	190
SX5227	201	202	< 1	< 0.01	8	1270	6	< 2	11	42	0.10	< 10	< 10	154	< 10	640
SX5228	201	202	< 1	< 0.01	7	790	12	< 2	15	40	0.10	< 10	< 10	133	< 10	272
SX5229	201	202	1	< 0.01	8	1320	12	< 2	12	39	0.06	< 10	< 10	117	< 10	796
SX5230	201	202	< 1	< 0.01	6	1290	22	< 2	16	27	0.13	< 10	< 10	156	< 10	330
SX5231	201	202	1	< 0.01	1	720	20	< 2	11	15	0.10	< 10	< 10	181	< 10	102
SX5232	201	202	< 1	< 0.01	2	1330	24	< 2	12	17	0.11	< 10	< 10	149	< 10	186
SX5233	201	202	1	< 0.01	6	1330	16	< 2	13	12	0.06	< 10	< 10	133	< 10	270
SX5234	201	202	1	0.01	6	1280	20	< 2	15	41	0.20	< 10	< 10	176	< 10	134
SX5235	201	202	1	< 0.01	7	810	16	< 2	11	21	0.14	< 10	< 10	169	< 10	136
SX5236	201	202	1	< 0.01	7	700	14	< 2	10	29	0.15	< 10	< 10	136	< 10	124
SX5237	201	202	< 1	< 0.01	8	800	22	< 2	10	33	0.18	< 10	< 10	146	< 10	146
SX5238	201	202	< 1	< 0.01	10	670	12	< 2	10	62	0.21	< 10	< 10	167	< 10	128
SX5239	201	202	< 1	< 0.01	10	710	14	< 2	10	57	0.20	< 10	< 10	161	< 10	146
SX5240	201	202	2	< 0.01	10	960	6	< 2	10	97	0.20	< 10	< 10	140	< 10	114
SX5241	201	202	1	< 0.01	8	920	8	< 2	9	40	0.14	< 10	< 10	116	< 10	78
SX5242	201	202	< 1	< 0.01	5	530	8	< 2	7	26	0.14	< 10	< 10	139	< 10	62
SX5243	201	202	3	< 0.01	5	1770	10	< 2	10	16	0.15	< 10	< 10	85	< 10	40
SX5244	201	202	2	< 0.01	6	1820	4	< 2	11	17	0.13	< 10	< 10	102	< 10	46
SX5600	201	202	2	0.01	2	660	20	< 2	2	11	0.01	< 10	< 10	17	< 10	196
SX5601	201	202	< 1	< 0.01	4	1150	8	< 2	9	14	0.16	< 10	< 10	130	< 10	114
SX5602	201	202	< 1	0.01	19	950	6	< 2	12	48	0.21	< 10	< 10	194	< 10	80
SX5603	201	202	< 1	0.01	12	730	6	< 2	15	44	0.22	< 10	< 10	256	< 10	84
SX5604	201	202	< 1	< 0.01	8	580	26	< 2	10	85	0.20	< 10	< 10	147	< 10	226
SX5605	201	202	1	< 0.01	4	820	52	< 2	9	55	0.15	< 10	< 10	97	< 10	530
SX5606	201	202	< 1	0.02	4	1160	16	< 2	4	44	0.08	< 10	< 10	76	< 10	88
SX5607	201	202	< 1	0.01	5	1020	14	< 2	4	42	0.06	< 10	< 10	63	< 10	76
SX5608	201	202	< 1	0.01	4	1170	22	< 2	2	52	0.04	< 10	< 10	47	< 10	230
SX5609	201	202	1	< 0.01	8	920	18	< 2	6	37	0.07	< 10	< 10	71	< 10	872
SX5610	201	202	3	< 0.01	6	940	28	< 2	12	10	0.13	< 10	< 10	151	< 10	170
SX5611	201	202	< 1	0.01	7	810	8	< 2	9	28	0.14	< 10	< 10	133	< 10	92
SX5612	201	202	2	0.01	6	1080	22	< 2	4	35	0.07	< 10	< 10	54	< 10	488
SX5613	201	202	1	0.01	4	1140	14	< 2	2	64	0.05	< 10	< 10	48	< 10	164

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



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	FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
SX5614	201	202	< 5	< 0.2	2.28	6	210	< 0.5	< 2	0.81	0.5	14	12	97	2.47	< 10	< 1	0.14	< 10	0.89	1250
SX5615	201	202	< 5	0.2	3.08	2	100	< 0.5	< 2	1.02	0.5	14	18	47	3.49	< 10	< 1	0.11	< 10	1.32	1150
SX5616	201	202	10	0.2	4.71	30	160	1.0	< 2	0.49	2.0	54	9	365	6.59	< 10	1	0.15	< 10	0.83	2590
SX5617	201	202	25	0.2	3.92	24	150	0.5	2	0.93	3.0	46	10	612	5.47	< 10	1	0.13	< 10	1.48	1490
SX5618	201	202	15	0.4	3.77	10	140	0.5	2	0.95	1.0	34	10	187	4.41	< 10	1	0.11	< 10	0.98	1560
SX5619	201	202	< 5	0.4	3.81	8	170	< 0.5	< 2	0.78	2.0	35	14	195	5.70	< 10	2	0.11	< 10	1.31	1700
SX5620	201	202	< 5	0.4	5.09	20	110	0.5	< 2	1.20	0.5	175	11	371	9.25	< 10	1	0.10	< 10	2.11	2660
SX5621	201	202	< 5	< 0.2	2.70	8	200	< 0.5	< 2	1.93	1.0	17	13	150	3.53	< 10	< 1	0.15	< 10	0.89	1250
SX5622 A	201	202	< 5	0.2	3.41	6	280	< 0.5	< 2	0.84	2.0	34	9	70	4.23	< 10	1	0.09	< 10	0.64	2640
SX5622 B	201	202	< 5	0.4	3.49	6	210	< 0.5	2	1.18	< 0.5	23	23	92	7.21	< 10	2	0.10	< 10	1.36	1050
SX5623	201	202	< 5	< 0.2	2.60	2	210	< 0.5	< 2	1.43	< 0.5	17	26	62	4.81	< 10	< 1	0.17	< 10	1.32	885
SX5624	201	202	< 5	0.4	1.07	2	740	< 0.5	< 2	2.59	0.5	9	9	308	1.41	< 10	< 1	0.41	< 10	0.40	410
SX5625	201	202	10	< 0.2	3.63	8	210	< 0.5	< 2	0.89	< 0.5	27	19	156	6.20	< 10	< 1	0.09	< 10	1.63	1100
SX5626	201	202	< 5	< 0.2	3.16	12	140	< 0.5	8	0.67	< 0.5	25	16	169	5.69	< 10	< 1	0.09	< 10	1.50	950
SX5627	201	202	< 5	< 0.2	5.44	10	100	0.5	6	0.88	< 0.5	30	10	355	5.57	< 10	1	0.06	< 10	1.20	1375
SX5628	201	202	< 5	1.2	3.53	10	270	2.0	< 2	1.10	7.5	43	7	689	2.87	< 10	< 1	0.15	< 20	0.79	2790
SX5629	201	202	105	0.2	4.08	20	240	0.5	< 2	0.44	0.5	32	10	249	5.44	< 10	1	0.15	< 10	1.81	1960

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



# 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: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

Project : JAS  
Comments: ATTN: A. O. BIRKELAND

Page Number :5-B  
Total Pages :5  
Certificate Date: 18-SEP-95  
Invoice No. : I9527434  
P.O. Number :  
Account : AN

## CERTIFICATE OF ANALYSIS

A9527434

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX5614	201	202	1 < 0.01		7	1020	22	< 2	4	48	0.10	< 10	< 10	74	< 10	98
SX5615	201	202	< 1 < 0.01		8	1060	14	< 2	9	45	0.14	< 10	< 10	129	< 10	114
SX5616	201	202	2 < 0.01		12	1080	28	< 2	8	29	0.14	< 10	< 10	69	< 10	516
SX5617	201	202	3 < 0.01		10	1010	24	2	9	56	0.13	< 10	< 10	105	< 10	830
SX5618	201	202	1 < 0.01		7	920	14	< 2	8	47	0.13	< 10	< 10	101	< 10	220
SX5619	201	202	1 < 0.01		9	820	18	< 2	9	51	0.17	< 10	< 10	118	< 10	422
SX5620	201	202	3 < 0.01		20	1440	12	< 2	12	71	0.19	< 10	< 10	144	< 10	232
SX5621	201	202	1 0.01		10	880	18	< 2	6	56	0.09	< 10	< 10	84	< 10	208
SX5622 A	201	202	1 < 0.01		7	1070	16	< 2	6	37	0.12	< 10	< 10	92	< 10	624
SX5622 B	201	202	< 1 < 0.01		11	920	8	< 2	11	68	0.26	< 10	< 10	199	< 10	92
SX5623	201	202	< 1 0.03		18	1140	8	< 2	9	46	0.10	< 10	< 10	114	< 10	70
SX5624	201	202	< 1 0.09		6	2730	8	< 2	< 1	52	0.01	< 10	< 10	46	< 10	50
SX5625	201	202	1 < 0.01		13	980	8	< 2	10	65	0.19	< 10	< 10	146	< 10	114
SX5626	201	202	1 < 0.01		11	960	14	< 2	8	55	0.15	< 10	< 10	124	< 10	130
SX5627	201	202	3 < 0.01		9	1130	44	< 2	10	51	0.13	< 10	< 10	104	< 10	246
SX5628	201	202	2 0.02		10	1380	686	< 2	4	48	0.07	< 10	< 10	49	< 10	738
SX5629	201	202	2 0.01		12	830	48	< 2	8	31	0.06	< 10	< 10	93	< 10	360

CERTIFICATION:

*Walter Birkeland*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

A9527433

Comments: ATTN: A. O. BIRKELAND

CERTIFICATE

A9527433

(AN) - ARNEX RESOURCES LIMITED

Project: JAS  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 18-SEP-95.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	12	Geochem ring to approx 150 mesh
226	12	0-3 Kg crush and split
3202	12	Rock - save entire reject
229	12	ICP - AQ Digestion charge

\* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	12	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	12	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	12	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	12	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	12	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	12	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	12	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	12	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	12	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	12	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	12	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	12	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	12	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	12	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	12	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	12	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	12	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	12	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	12	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	12	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	12	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	12	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	12	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	12	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	12	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	12	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	12	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	12	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	12	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	12	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	12	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	12	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	12	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

Project: JAS  
Comments: ATTN: A. O. BIRKELAND

Page Number :1-A  
Total Pages :1  
Certificate Date: 18-SEP-95  
Invoice No. :19527433  
P.O. Number :  
Account :AN

\* PLEASE NOTE

## CERTIFICATE OF ANALYSIS A9527433

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
RX-J95101	205 226	175	< 0.2	2.03	30	30	< 0.5	< 2	0.24	< 0.5	14	134	47	5.78	< 10	< 1	0.26	< 10	1.32	945
RX-J95102	205 226	< 5	3.0	1.88	12	< 10	< 0.5	Intf*	0.53	< 0.5	12	87	>10000	12.55	< 10	< 1	0.38	< 10	0.81	715
RX-J95103	205 226	115	2.0	0.83	6	< 10	< 0.5	2	0.02	< 0.5	36	97	48	>15.00	< 10	1	0.43	< 10	0.06	40
RX-J95105	205 226	< 5	< 0.2	1.41	56	100	< 0.5	< 2	0.07	< 0.5	4	115	22	2.69	< 10	< 1	0.34	< 10	0.55	880
RX-J95108	205 226	15	0.4	2.79	6	40	< 0.5	< 2	0.65	1.5	20	93	64	6.11	< 10	1	0.23	< 10	2.12	1270
RX-J95110	205 226	< 5	< 0.2	1.95	20	140	< 0.5	2	0.44	< 0.5	8	175	47	4.66	< 10	< 1	0.34	< 10	1.04	415
RX-J95113	205 226	< 5	< 0.2	2.79	4	110	< 0.5	< 2	1.32	< 0.5	21	118	6	3.89	< 10	< 1	0.15	< 10	1.58	640
RX-J95114	205 226	< 5	0.6	2.26	50	20	< 0.5	2	0.10	< 0.5	30	204	4020	7.65	< 10	< 1	0.18	< 10	1.61	1170
RX-J95118	205 226	15	0.2	1.92	4	60	< 0.5	< 2	0.13	1.5	12	27	52	5.97	< 10	< 1	0.33	< 10	1.17	1040
RX-J95125	205 226	45	0.6	3.08	58	100	< 0.5	< 2	0.16	4.5	7	121	34	3.83	< 10	< 1	0.20	< 10	2.76	1745
RX-J95126	205 226	370	0.6	2.49	22	130	< 0.5	< 2	0.18	3.0	4	88	11	2.93	< 10	< 1	0.26	10	2.26	2170
RX-J95128	205 226	< 5	< 0.2	1.65	10	40	< 0.5	< 2	0.61	< 0.5	14	96	46	4.94	< 10	< 1	0.23	< 10	1.38	780

CERTIFICATION:

*Hartmut Beckler*

\* Bi SAMPLE RX-J95102 IS UNAVAILABLE DUE TO INTERFERENCE FROM HIGH Cu



# Chemex Labs Ltd.

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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

Project: JAS  
Comments: ATTN: A. O. BIRKELAND

Page Number :1-B  
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Account :AN

\* PLEASE NOTE

## CERTIFICATE OF ANALYSIS

A9527433

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RX-J95101	205	226	8 < 0.01		7	600	18	< 2	3	12	0.05	< 10	< 10	48	< 10	128
RX-J95102	205	226	< 1	0.03	2	1100	2	< 2	4	23	0.17	< 10	< 10	45	< 10	80
RX-J95103	205	226	19 < 0.01		2	170	30	< 2	1	1	0.01	< 10	< 10	22	< 10	34
RX-J95105	205	226	< 1 < 0.01		2	680	6	< 2	3	3	0.04	< 10	< 10	37	< 10	40
RX-J95108	205	226	32 < 0.01		10	770	6	< 2	8	41	0.24	< 10	< 10	109	< 10	398
RX-J95110	205	226	3	0.01	9	800	2	< 2	6	32	0.09	< 10	< 10	60	< 10	50
RX-J95113	205	226	1	0.03	26	1110	< 2	< 2	6	111	0.16	< 10	< 10	67	< 10	24
RX-J95114	205	226	21 < 0.01		7	410	6	2	3	6	0.01	< 10	< 10	58	< 10	92
RX-J95118	205	226	2	0.01	5	1190	30	2	4	3	0.01	< 10	< 10	55	< 10	288
RX-J95125	205	226	23	0.01	1	580	62	< 2	< 1	2	< 0.01	< 10	< 10	15	< 10	344
RX-J95126	205	226	56	0.02	< 1	680	146	2	< 1	3	< 0.01	< 10	< 10	12	< 10	310
RX-J95128	205	226	1	0.04	11	1000	22	< 2	7	13	0.23	< 10	< 10	75	< 10	60

CERTIFICATION:

*A. O. Birkeland*

\* Bi SAMPLE RX-J95102 IS UNAVAILABLE DUE TO INTERFERENCE FROM HIGH Cu



# 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: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

Project: JAS  
Comments: ATTN: A. O. BIRKELAND

Page Number : 1-A  
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Certificate Date: 18-SEP-95  
Invoice No. : I9527433  
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Account : AN

\* PLEASE NOTE

## CERTIFICATE OF ANALYSIS

A9527433

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
RX-J95101	205 226	175	< 0.2	2.03	30	30	< 0.5	< 2	0.24	< 0.5	14	134	47	5.78	< 10	< 1	0.26	< 10	1.32	945
RX-J95102	205 226	< 5	3.0	1.88	12	< 10	< 0.5	Intf*	0.53	< 0.5	12	87	>10000	12.55	< 10	< 1	0.38	< 10	0.81	715
RX-J95103	205 226	115	2.0	0.83	6	< 10	< 0.5	2	0.02	< 0.5	36	97	48	>15.00	< 10	1	0.43	< 10	0.06	40
RX-J95105	205 226	< 5	< 0.2	1.41	56	100	< 0.5	< 2	0.07	< 0.5	4	115	22	2.69	< 10	< 1	0.34	< 10	0.55	880
RX-J95108	205 226	15	0.4	2.79	6	40	< 0.5	< 2	0.65	1.5	20	93	64	6.11	< 10	1	0.23	< 10	2.12	1270
RX-J95110	205 226	< 5	< 0.2	1.95	20	140	< 0.5	2	0.44	< 0.5	8	175	47	4.66	< 10	< 1	0.34	< 10	1.04	415
RX-J95113	205 226	< 5	< 0.2	2.79	4	110	< 0.5	< 2	1.32	< 0.5	21	118	6	3.89	< 10	< 1	0.15	< 10	1.58	640
RX-J95114	205 226	< 5	0.6	2.26	50	20	< 0.5	2	0.10	< 0.5	30	204	4020	7.65	< 10	< 1	0.18	< 10	1.61	1170
RX-J95118	205 226	15	0.2	1.92	4	60	< 0.5	< 2	0.13	1.5	12	27	52	5.97	< 10	< 1	0.33	< 10	1.17	1040
RX-J95125	205 226	45	0.6	3.08	58	100	< 0.5	< 2	0.16	4.5	7	121	34	3.83	< 10	< 1	0.20	< 10	2.76	1745
RX-J95126	205 226	370	0.6	2.49	22	130	< 0.5	< 2	0.18	3.0	4	88	11	2.93	< 10	< 1	0.26	10	2.26	2170
RX-J95128	205 226	< 5	< 0.2	1.65	10	40	< 0.5	< 2	0.61	< 0.5	14	96	46	4.94	< 10	< 1	0.23	< 10	1.38	780

CERTIFICATION:

*Hart Buchler*

\* Bi SAMPLE RX-J95102 IS UNAVAILABLE DUE TO INTERFERENCE FROM HIGH Cu





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Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

Project: JAS  
Comments: ATTN: A. O. BIRKELAND

Page Number : 1-B  
Total Pages : 1  
Certificate Date: 18-SEP-95  
Invoice No. : 19527433  
P.O. Number :  
Account : AN

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## CERTIFICATE OF ANALYSIS A9527433

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
RX-J95101	205 226	8	< 0.01	7	600	18	< 2	3	12	0.05	< 10	< 10	48	< 10	128
RX-J95102	205 226	< 1	0.03	2	1100	2	< 2	4	23	0.17	< 10	< 10	45	< 10	80
RX-J95103	205 226	19	< 0.01	2	170	30	< 2	1	1	0.01	< 10	< 10	22	< 10	34
RX-J95105	205 226	< 1	< 0.01	2	680	6	< 2	3	3	0.04	< 10	< 10	37	< 10	40
RX-J95108	205 226	32	< 0.01	10	770	6	< 2	8	41	0.24	< 10	< 10	109	< 10	398
RX-J95110	205 226	3	0.01	9	800	2	< 2	6	32	0.09	< 10	< 10	60	< 10	50
RX-J95113	205 226	1	0.03	26	1110	< 2	< 2	6	111	0.16	< 10	< 10	67	< 10	24
RX-J95114	205 226	21	< 0.01	7	410	6	2	3	6	0.01	< 10	< 10	58	< 10	92
RX-J95118	205 226	2	0.01	5	1190	30	2	4	3	0.01	< 10	< 10	55	< 10	288
RX-J95125	205 226	23	0.01	1	580	62	< 2	< 1	2	< 0.01	< 10	< 10	15	< 10	344
RX-J95126	205 226	56	0.02	< 1	680	146	2	< 1	3	< 0.01	< 10	< 10	12	< 10	310
RX-J95128	205 226	1	0.04	11	1000	22	< 2	7	13	0.23	< 10	< 10	75	< 10	60

\* Bi SAMPLE RX-J95102 IS UNAVAILABLE DUE TO INTERFERENCE FROM HIGH CU

CERTIFICATION: Handwritten Signature



# Chemex Labs Ltd.

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PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

A9529226

Comments: ATTN: A.O. BIRKELAND

**CERTIFICATE**

**A9529226**

(AN ) - ARNEX RESOURCES LIMITED

Project: JAS

P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 3-OCT-95.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	10	Pulp; prev. prepared at Chemex

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	7	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0
312	5	Pb %: Reverse Aqua-Regia digest	AAS	0.01	100.0
316	8	Zn %: Reverse Aqua-Regia digest	AAS	0.01	100.0



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V7G 1E5

Project: JAS  
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Page Number :1  
Total Pages :1  
Certificate Date: 03-OCT-95  
Invoice No. : I9529226  
P.O. Number :  
Account : AN

## CERTIFICATE OF ANALYSIS

A9529226

SAMPLE	PREP CODE	Cu %	Pb %	Zn %							
RX-J95102	244 --	2.11	-----	-----							
RX-J95100	244 --	13.30	-----	-----							
RX-J95107	244 --	-----	-----	7.88							
RX-J95116	244 --	2.13	17.20	22.3							
RX-J95117	244 --	-----	-----	18.00							
RX-J95119	244 --	0.29	2.65	16.20							
RX-J95120	244 --	-----	-----	6.76							
RX-J95121	244 --	2.50	0.13	9.90							
RX-J95122	244 --	7.12	1.81	19.30							
RX-J95123	244 --	1.00	0.12	11.00							

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.  
N.VANCOUVER, BC  
V7G 1E5

Project: JAS  
Comments: ATTN: A.O. BIRKELAND

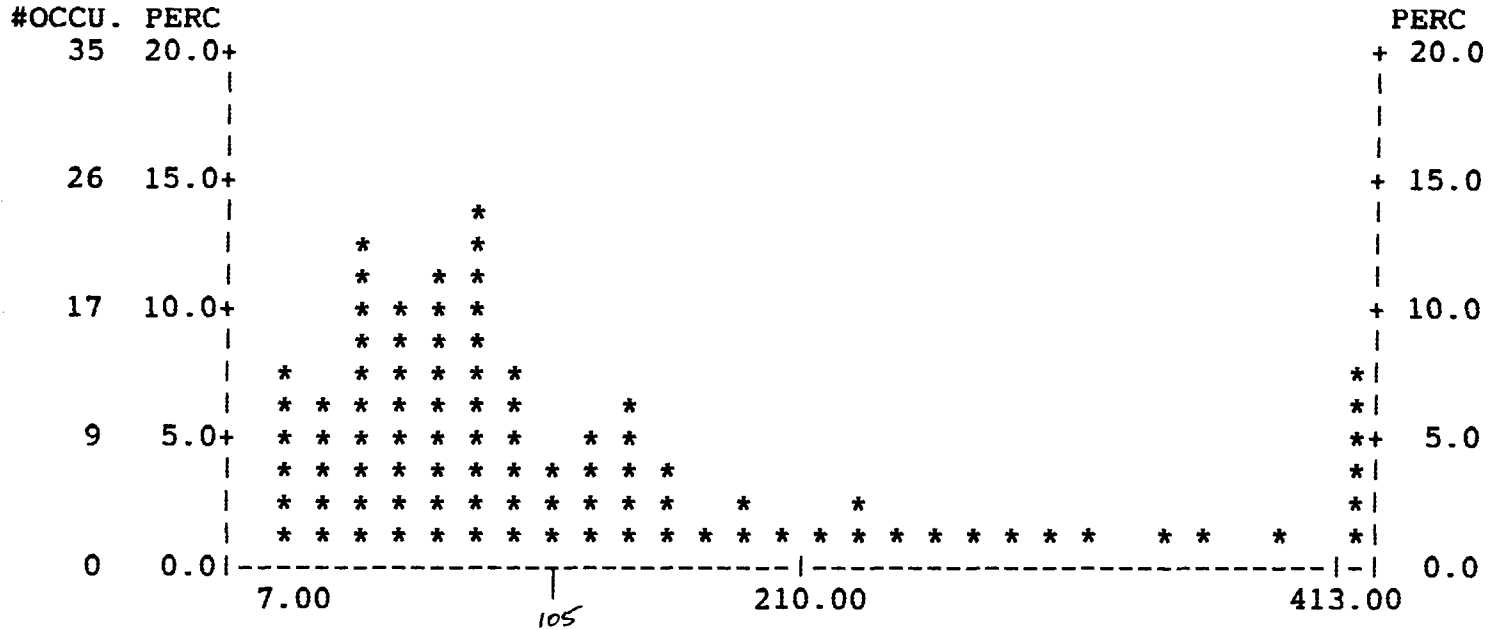
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Total Pages : 1  
Certificate Date: 03-OCT-95  
Invoice No. : 19529226  
P.O. Number :  
Account : AN

## CERTIFICATE OF ANALYSIS A9529226

SAMPLE	PREP CODE	Cu %	Pb %	Zn %							
RX-J95102	244 --	2.11	-----	-----							
RX-J95100	244 --	13.30	-----	-----							
RX-J95107	244 --	-----	-----	7.88							
RX-J95116	244 --	2.13	17.20	22.3							
RX-J95117	244 --	-----	-----	18.00							
RX-J95119	244 --	0.29	2.65	16.20							
RX-J95120	244 --	-----	-----	6.76							
RX-J95121	244 --	2.50	0.13	9.90							
RX-J95122	244 --	7.12	1.81	19.30							
RX-J95123	244 --	1.00	0.12	11.00							

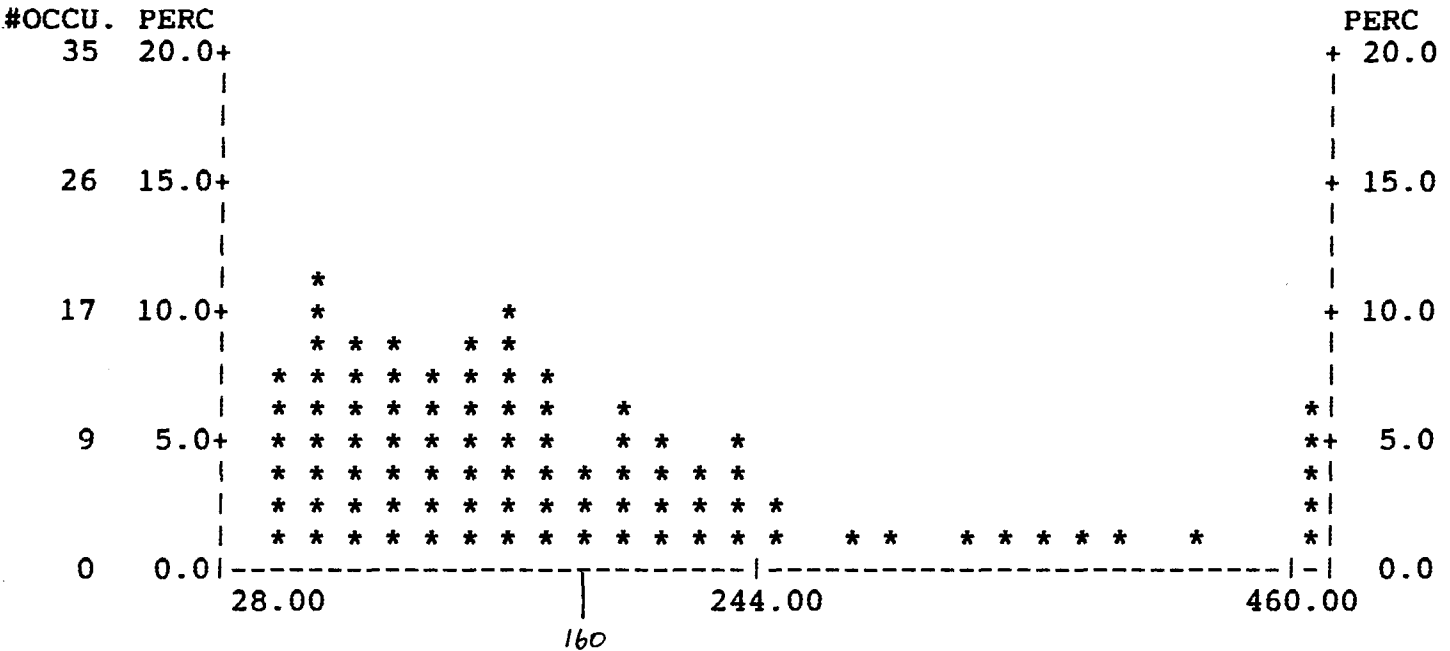
CERTIFICATION:

File Edit Setup Connect Fax  
Var : Cu ppm Col# 15  
D.Limit : 1.0000 Int.Width: 15.000  
Total # of occurrences : 173



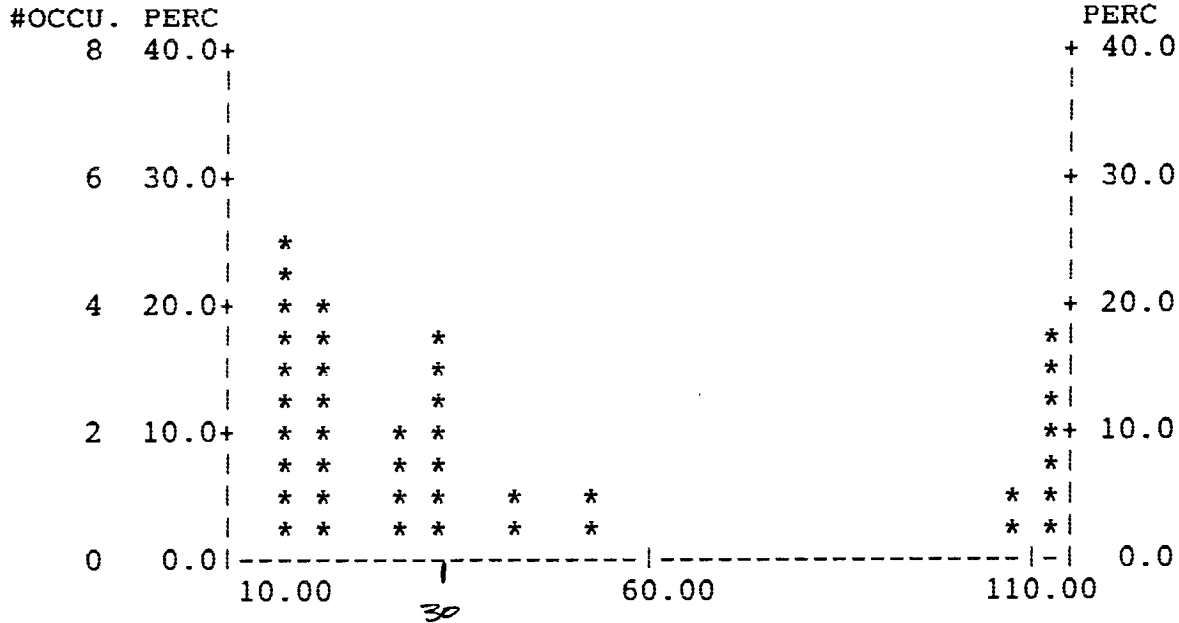
Option :

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Var : Zn ppm Col# 36  
D.Limit : 2.0000 Int.Width: 16.000  
Total # of occurrences : 173



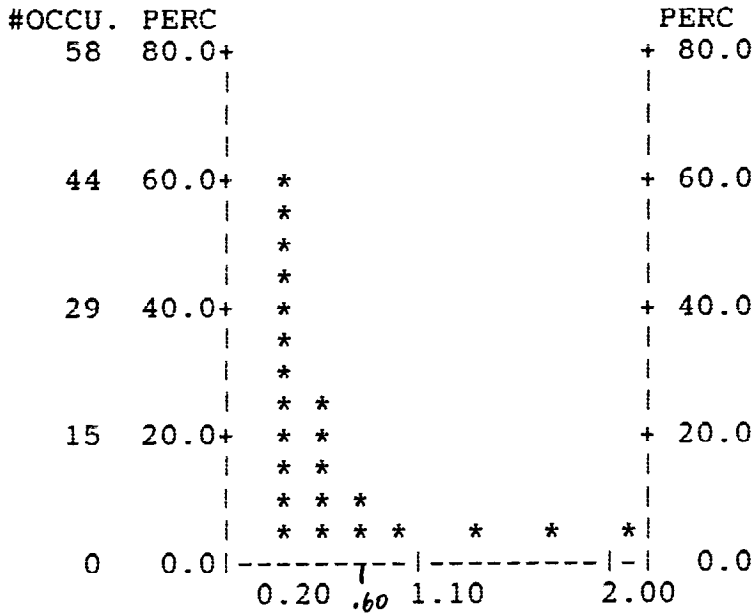
Option :

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Var : Au ddb FA+AA Col# 3  
D.Limit : 5.0000 Int.Width: 5.000  
Total # of occurrences : 20



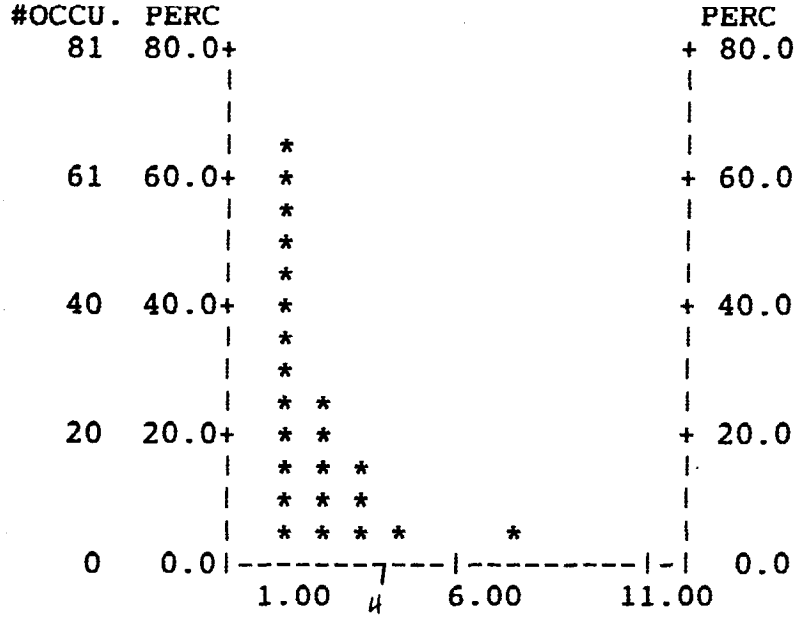
Option :

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Var : Aa ddb Col# 5  
D.Limit : 0.2000 Int.Width: 0.200  
Total # of occurrences : 73



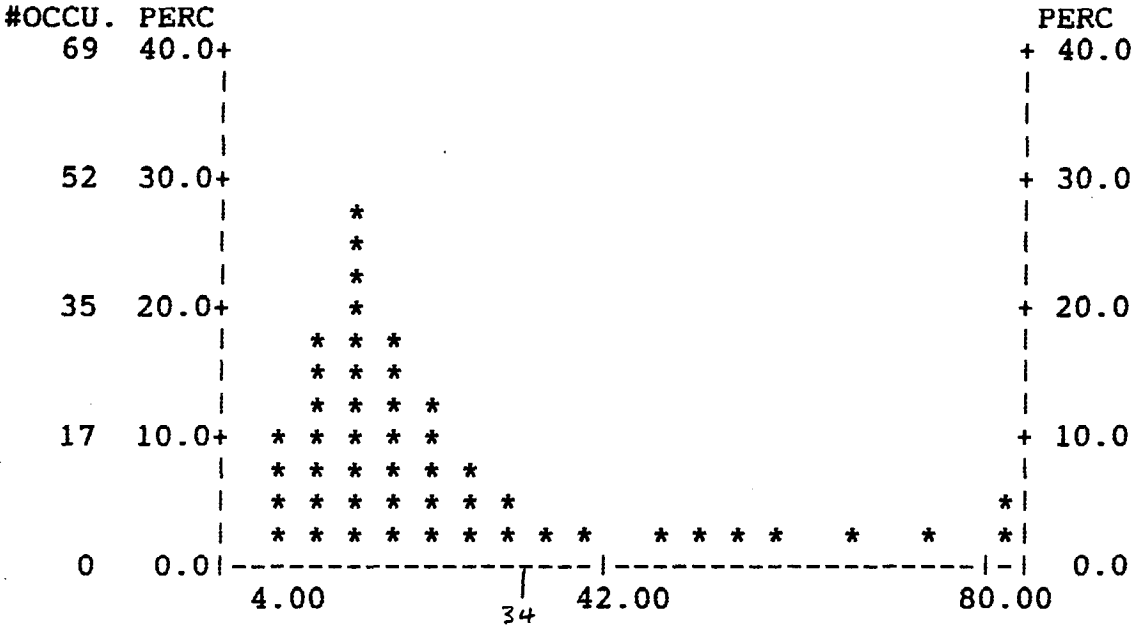
Option :

File Edit Setup Connect Fax  
Var : Mo dpm Col# 23  
D.Limit : 1.0000 Int.Width: 1.000  
Total # of occurrences : 101



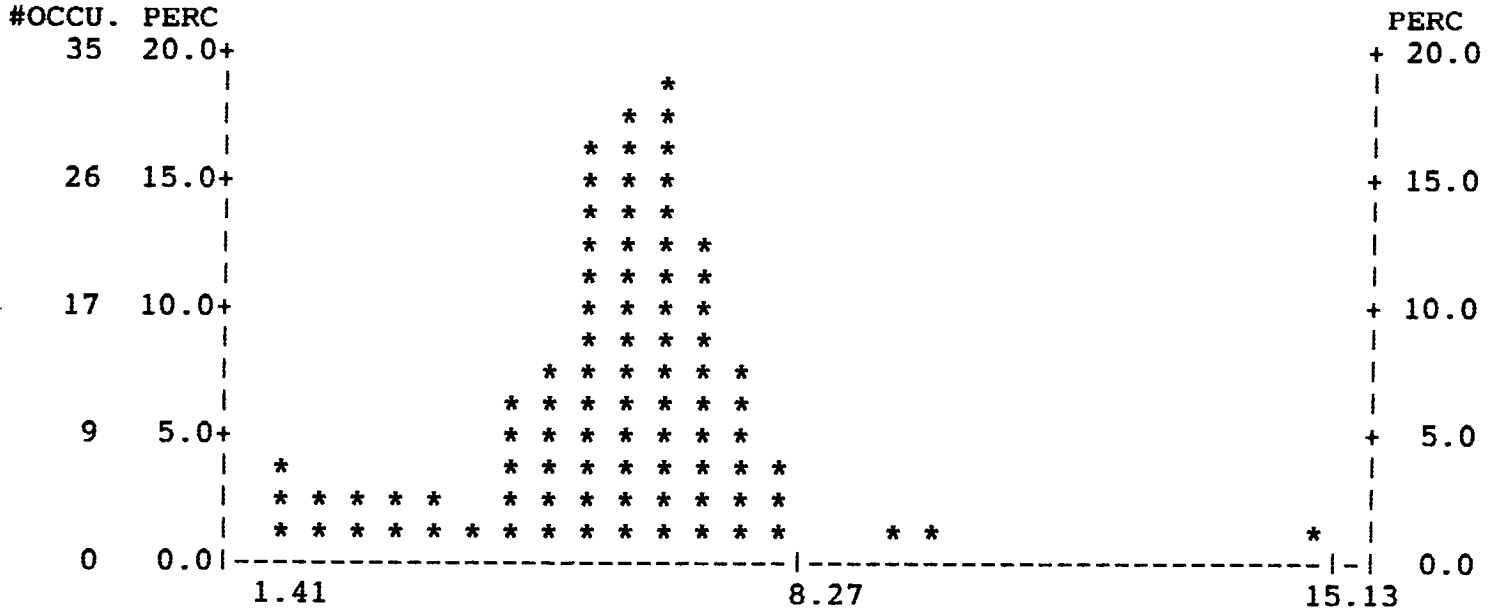
Option :

File Edit Setup Connect Fax  
Var : Pb dpm Col# 27  
D.Limit : 2.0000 Int.Width: 4.000  
Total # of occurrences : 173



Option :

File Edit Setup Connect Fax  
 Var : Fe % Col# 16  
 D.Limit : 0.0100 Int.Width: 0.490  
 Total # of occurrences : 173



Option :

File Edit Setup Connect Fax  
 DETECTION LIMIT : 0.0100  
 NUMBER OF OBSERVATIONS : 173  
 MINIMUM : 1.410  
 MAXIMUM : 15.000  
 MEAN : 5.941  
 STANDARD ERROR OF MEAN : 0.130  
 STANDARD DEVIATION : 1.710  
 COEFFICIENT OF VARIATION : 28.776  
 SKEWNESS : 0.194  
 KURTOSIS : 4.612

Option : Show Fe

VARIABLE : Fe %  
 COLUMN NUMBER : 16  
 DETECTION LIMIT : 0.0100  
 NUMBER OF OBSERVATIONS : 173  
 MINIMUM : 1.410  
 MAXIMUM : 15.000  
 MEAN : 5.941  
 STANDARD ERROR OF MEAN : 0.130  
 STANDARD DEVIATION : 1.710  
 COEFFICIENT OF VARIATION : 28.776  
 SKEWNESS : 0.194  
 KURTOSIS : 4.612

Option :



Project : JAS

Comments : ATTN: A. O. BIRKELAND

=: cstat

Option : dselect

Ignoring "less than" data. [Y] ? v

Ignoring "greater than" data. [Y] ? n

Option : show

Select : Cu

VARIABLE	: Cu	DDM
COLUMN NUMBER	: 15	
DETECTION LIMIT	: 1.0000	
NUMBER OF OBSERVATIONS	: 173	
MINIMUM	: 7.000	
MAXIMUM	: 810.000	
MEAN	: 136.647	
STANDARD ERROR OF MEAN	: 11.310	
STANDARD DEVIATION	: 148.758	
COEFFICIENT OF VARIATION	: 108.863	
SKEWNESS	: 2.465	
KURTOSIS	: 6.201	

Option :

File Edit Setup Connect Fax

TTY 2400-8-N-1

NUMBER OF OBSERVATIONS	: 173
MINIMUM	: 28.000
MAXIMUM	: 872.000
MEAN	: 161.942
STANDARD ERROR OF MEAN	: 11.318
STANDARD DEVIATION	: 148.861
COEFFICIENT OF VARIATION	: 91.922
SKEWNESS	: 2.643
KURTOSIS	: 7.825

Option : show

Select : Zn

VARIABLE	: Zn	DDM
COLUMN NUMBER	: 36	
DETECTION LIMIT	: 2.0000	
NUMBER OF OBSERVATIONS	: 173	
MINIMUM	: 28.000	
MAXIMUM	: 872.000	
MEAN	: 161.942	
STANDARD ERROR OF MEAN	: 11.318	
STANDARD DEVIATION	: 148.861	
COEFFICIENT OF VARIATION	: 91.922	
SKEWNESS	: 2.643	
KURTOSIS	: 7.825	

Option :

```

File Edit Setup Connect Fax
DETECTION LIMIT : 5.0000
NUMBER OF OBSERVATIONS : 20
MINIMUM : 10.000
MAXIMUM : 375.000
MEAN : 54.000
STANDARD ERROR OF MEAN : 18.972
STANDARD DEVIATION : 84.847
COEFFICIENT OF VARIATION : 157.123
SKEWNESS : 2.732
KURTOSIS : 7.351
Option : Show Au
VARIABLE : Au pbb FA+AA
COLUMN NUMBER : 3
DETECTION LIMIT : 5.0000
NUMBER OF OBSERVATIONS : 20
MINIMUM : 10.000
MAXIMUM : 375.000
MEAN : 54.000
STANDARD ERROR OF MEAN : 18.972
STANDARD DEVIATION : 84.847
COEFFICIENT OF VARIATION : 157.123
SKEWNESS : 2.732
KURTOSIS : 7.351
Option :

```

```

File Edit Setup Connect Fax
DETECTION LIMIT : 0.2000
NUMBER OF OBSERVATIONS : 73
MINIMUM : 0.200
MAXIMUM : 2.000
MEAN : 0.389
STANDARD ERROR OF MEAN : 0.041
STANDARD DEVIATION : 0.351
COEFFICIENT OF VARIATION : 90.226
SKEWNESS : 2.682
KURTOSIS : 7.404
Option : show Aa
VARIABLE : Aa DDM
COLUMN NUMBER : 5
DETECTION LIMIT : 0.2000
NUMBER OF OBSERVATIONS : 73
MINIMUM : 0.200
MAXIMUM : 2.000
MEAN : 0.389
STANDARD ERROR OF MEAN : 0.041
STANDARD DEVIATION : 0.351
COEFFICIENT OF VARIATION : 90.226
SKEWNESS : 2.682
KURTOSIS : 7.404
Option :

```

File Edit Setup Connect Fax

DETECTION LIMIT : 1.0000  
 NUMBER OF OBSERVATIONS : 101  
 MINIMUM : 1.000  
 MAXIMUM : 7.000  
 MEAN : 1.574  
 STANDARD ERROR OF MEAN : 0.095  
 STANDARD DEVIATION : 0.952  
 COEFFICIENT OF VARIATION : 60.494  
 SKEWNESS : 2.437  
 KURTOSIS : 8.955

Option : show Mo

VARIABLE : Mo ddm  
 COLUMN NUMBER : 23  
 DETECTION LIMIT : 1.0000  
 NUMBER OF OBSERVATIONS : 101  
 MINIMUM : 1.000  
 MAXIMUM : 7.000  
 MEAN : 1.574  
 STANDARD ERROR OF MEAN : 0.095  
 STANDARD DEVIATION : 0.952  
 COEFFICIENT OF VARIATION : 60.494  
 SKEWNESS : 2.437  
 KURTOSIS : 8.955

Option :

File Edit Setup Connect Fax

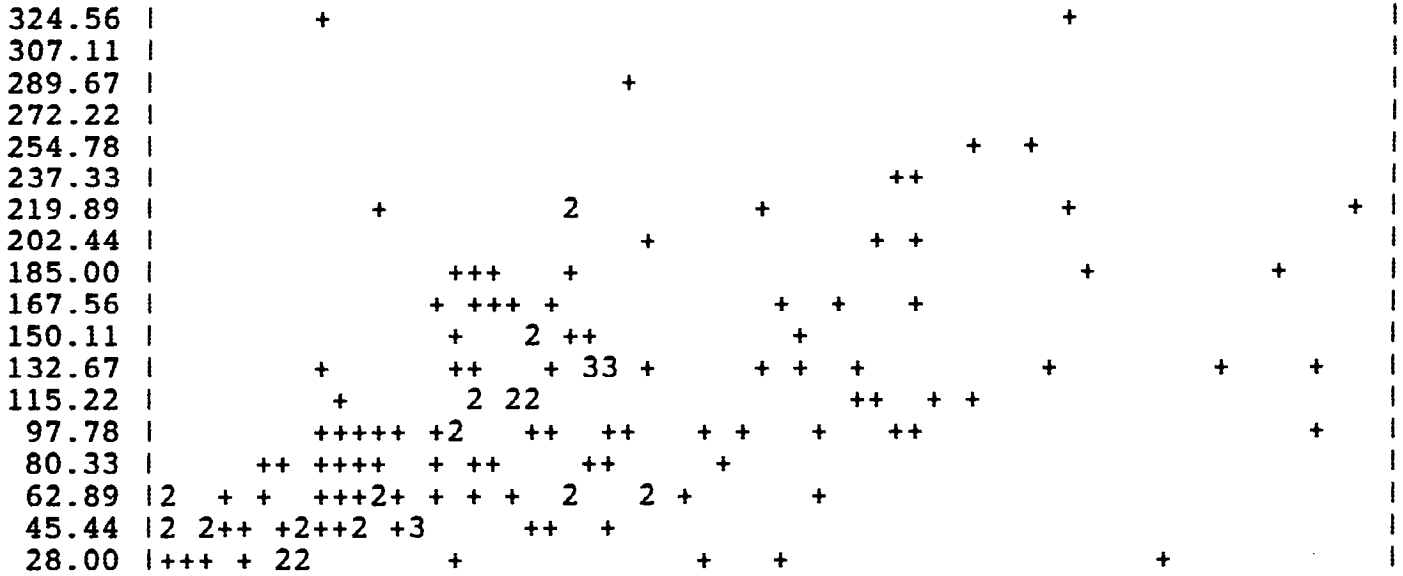
DETECTION LIMIT : 2.0000  
 NUMBER OF OBSERVATIONS : 173  
 MINIMUM : 4.000  
 MAXIMUM : 686.000  
 MEAN : 23.803  
 STANDARD ERROR OF MEAN : 4.143  
 STANDARD DEVIATION : 54.497  
 COEFFICIENT OF VARIATION : 228.944  
 SKEWNESS : 10.539  
 KURTOSIS : 123.380

Option : show Pb

VARIABLE : Pb ddm  
 COLUMN NUMBER : 27  
 DETECTION LIMIT : 2.0000  
 NUMBER OF OBSERVATIONS : 173  
 MINIMUM : 4.000  
 MAXIMUM : 686.000  
 MEAN : 23.803  
 STANDARD ERROR OF MEAN : 4.143  
 STANDARD DEVIATION : 54.497  
 COEFFICIENT OF VARIATION : 228.944  
 SKEWNESS : 10.539  
 KURTOSIS : 123.380

Option :

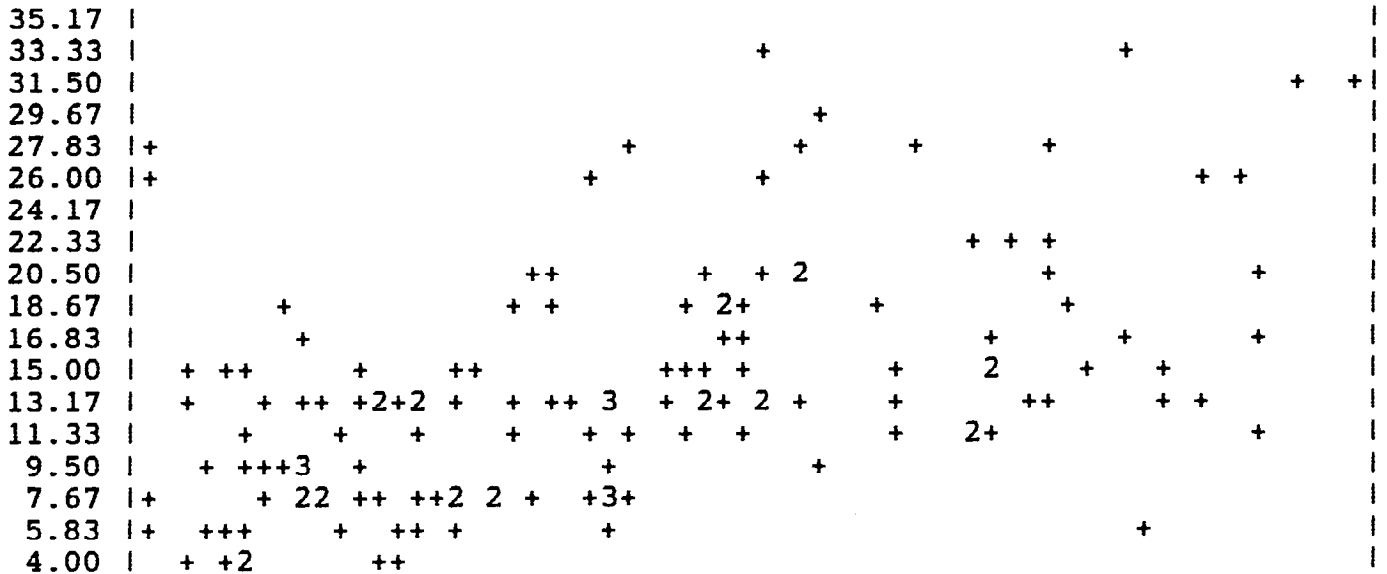
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 Y : Zn X : Cu



7.00 37.50 68.00 98.50 129.00 159.50 190.00 220.50 251.00

File a9527434 28 pts. out of range  
 Rescale the plot [N] ? :

File Edit Setup Connect Fax  
 Y : Pb X : Zn



28.00 55.75 83.50 111.25 139.00 166.75 194.50 222.25 250.00

File a9527434 29 pts. out of range  
 Rescale the plot [N] ? :

## APPENDIX V

### BIBLIOGRAPHY, SELECTED REFERENCES

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# Jasper

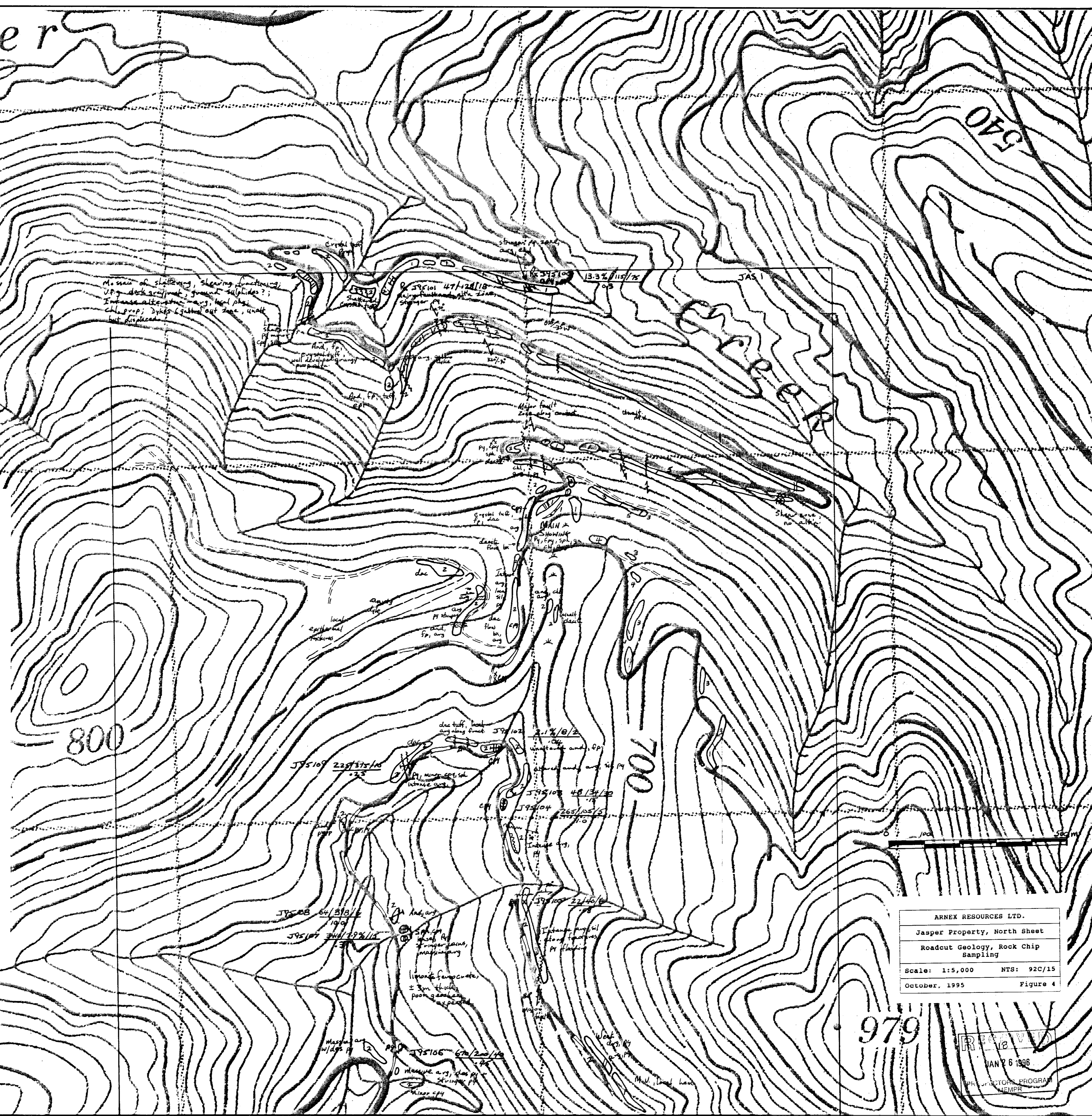
GEOLOGICAL LEGEND	
0	Quaternary colluvium
6	Hornblend feldspar porphyry dyke
5	Hematitic breccia
4	Argillite
3	Felsic volcanics - flow banded rhyolite, tuffaceous rhyolite, minor cherty tuffs
2	Intermediate volcanics - andesite to dacite flows; pyroclastic flow breccias, crystal-litic tuffs
1	Mafic volcanics - undifferentiated basalt and andesite flows

GEOLOGICAL ABBREVIATIONS			
mv	mafic volcanics	arg	argillic alteration
and	andesite	chl	chloritic alteration
dac	dacite	sil	silicification
rhy	rhyolite	prop	propylitic
arg	argillite	epi	epidote
py	pyrite	hem	hematite
po	pyrrhotite	bx	breccia
cpy	chalcopyrite	fp	feldspar phycric
sph	sphalerite	gn	galena

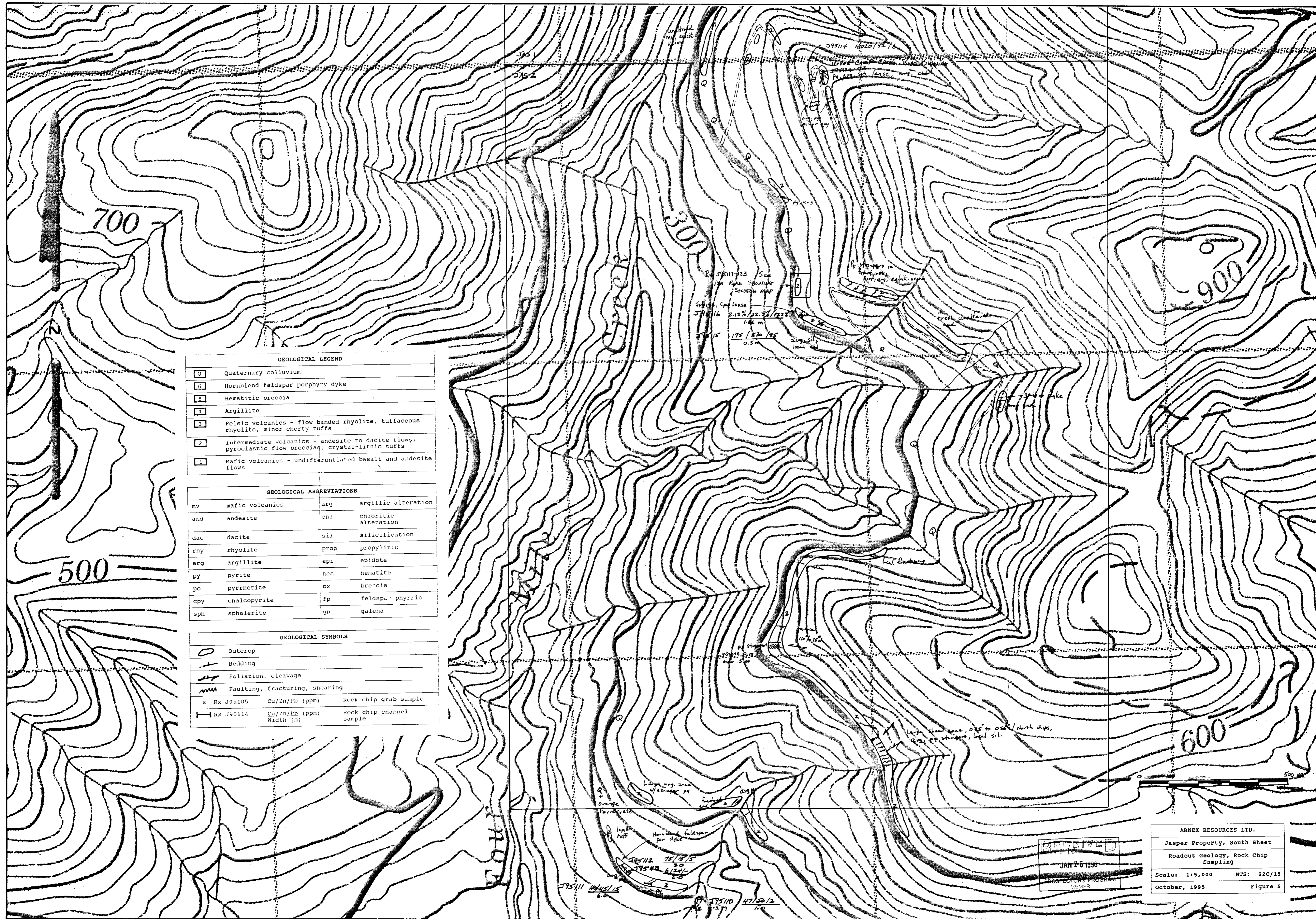
  

GEOLOGICAL SYMBOLS	
0	Outcrop
1	Bedding
4	Foliation, cleavage
mm	Faulting, fracturing, shearing
x Rx J95105	Cu/Zn/Pb (ppm) Rock chip grab sample
→ Rx J95114	Cu/Zn/Pb (ppm) Rock chip channel sample Width (m)



ARNEX RESOURCES LTD.  
 Jasper Property, North Sheet  
 Roadcut Geology, Rock Chip  
 Sampling  
 Scale: 1:5,000 NTS: 92C/15  
 October, 1995 Figure 4

RECEIVED  
 JAN 26 1996  
 PROJECTORS PROGRAM  
 MEMPHIS



**GEOLOGICAL LEGEND**

0	Quaternary colluvium
6	Hornblend feldspar porphyry dyke
5	Hematitic breccia
4	Argillite
3	Felsic volcanics - flow banded rhyolite, tuffaceous rhyolite, minor cherty tuffs
2	Intermediate volcanics - andesite to dacite flows; pyroclastic flow breccias, crystal-lithic tuffs
1	Mafic volcanics - undifferentiated basalt and andesite flows

**GEOLOGICAL ABBREVIATIONS**

mv	mafic volcanics	arg	argillic alteration
and	andesite	chl	chloritic alteration
dac	dacite	sil	silicification
rhy	rhyolite	prop	propylitic
arg	argillite	epi	epidote
py	pyrite	nem	nematite
po	pyrrhotite	bx	breccia
cpy	chalcopryite	fp	feldsp. phyrtric
sph	sphalerite	gn	galena

**GEOLOGICAL SYMBOLS**

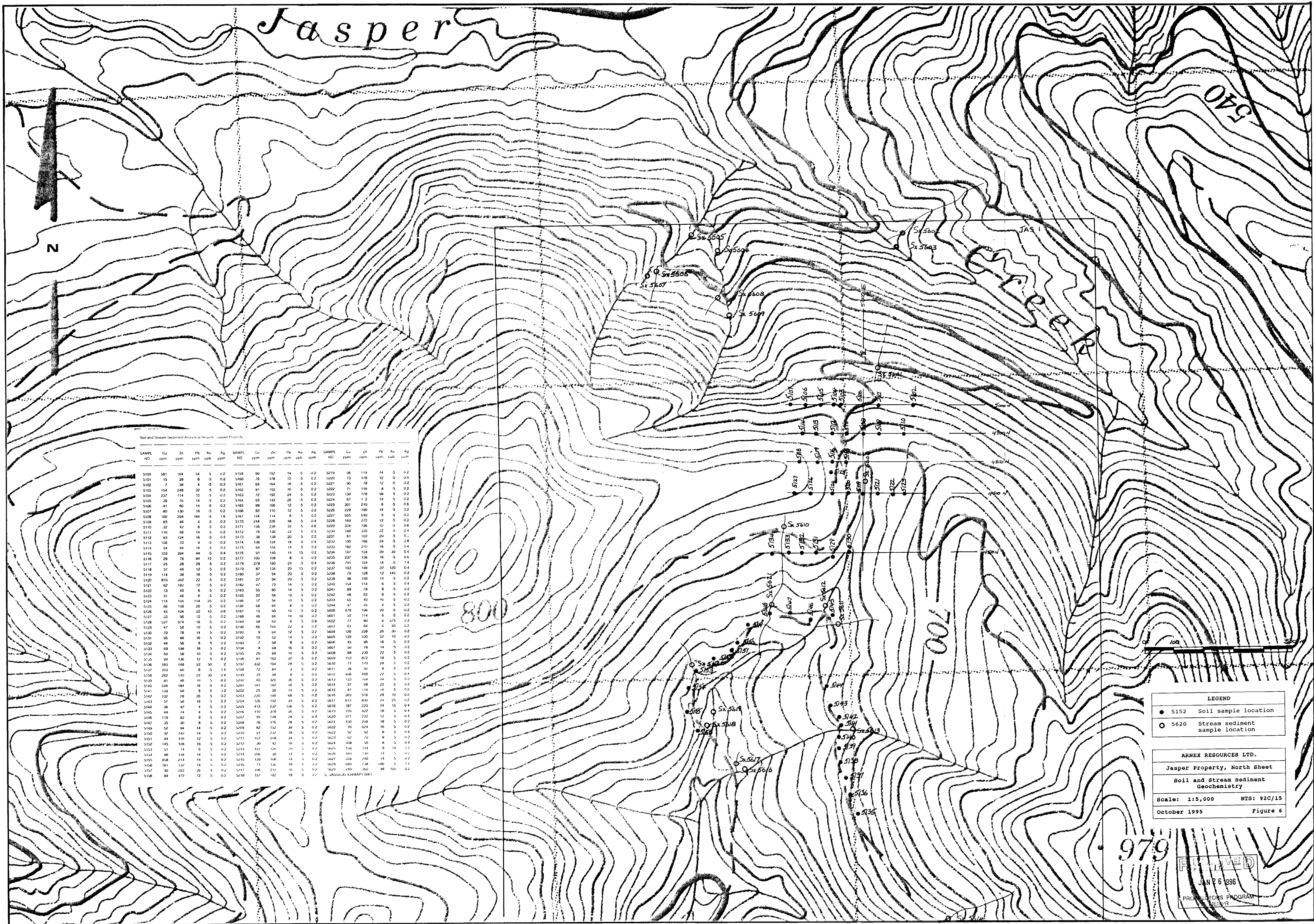
	Outcrop
	Bedding
	Foliation, cleavage
	Faulting, fracturing, shearing
x Rx J95105	Cu/Zn/Pb (ppm) Rock chip grab sample
└ Rx J95114	Cu/Zn/Pb (ppm) Rock chip channel sample Width (m)

ARNEK RESOURCES LTD.  
Jasper Property, South Sheet  
Roadcut Geology, Rock Chip Sampling  
Scale: 1:5,000 NT8: 92C/15  
October, 1995 Figure 5

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JAN 26 1996  
PROSPECTING PROGRAM  
MEMBER



# Jasper



Soil and Stream Sediment Analytical Results - Lower Priority

SAMPL NO	Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag ppm	SAMPL NO	Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag ppm	SAMPL NO	Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag ppm
5100	581	164	54	5	0.2	5159	30	102	14	5	0.2	5219	56	114	14	5	0.2
5101	15	28	6	5	0.2	5160	65	178	12	5	0.2	5220	73	178	12	5	0.4
5102	7	38	4	5	0.2	5161	65	164	16	5	0.2	5221	90	78	12	5	0.2
5103	154	248	32	5	0.2	5162	91	152	10	5	0.2	5222	71	116	8	5	0.2
5104	237	114	10	5	0.2	5163	72	192	24	5	0.2	5223	130	118	8	5	0.2
5105	39	70	14	5	0.2	5164	65	142	26	5	0.2	5224	67	12	14	5	0.2
5106	41	60	14	5	0.2	5165	89	166	12	5	0.2	5225	301	210	6	5	0.6
5107	80	130	16	5	0.2	5166	83	110	12	5	0.2	5226	229	189	14	5	0.2
5108	100	294	164	5	0.2	5167	124	114	8	5	0.2	5227	665	540	5	5	0.2
5109	85	46	4	5	0.2	5170	244	226	48	5	0.4	5228	169	273	12	5	0.2
5110	32	42	6	5	0.2	5171	156	236	32	5	0.6	5229	331	736	12	5	0.2
5111	110	68	14	5	0.2	5172	76	130	22	5	0.2	5230	188	330	22	5	0.4
5112	83	124	16	5	0.2	5173	38	138	20	5	0.2	5231	61	102	20	5	0.2
5113	106	70	4	5	0.2	5174	136	124	18	5	0.4	5232	190	168	24	5	0.6
5114	54	44	16	5	0.2	5175	91	104	14	5	0.2	5233	192	270	16	5	0.4
5115	103	394	44	5	0.4	5176	91	140	14	15	0.2	5234	147	134	20	30	0.4
5116	29	78	84	15	0.2	5177	100	108	8	5	0.2	5235	237	136	16	5	0.6
5117	29	28	28	5	0.2	5178	218	180	24	5	0.4	5236	741	104	14	5	1.4
5118	37	46	12	5	0.2	5179	87	134	20	10	0.2	5237	103	146	22	120	0.4
5119	114	38	16	5	0.2	5180	37	54	20	5	0.2	5238	70	128	12	140	0.2
5120	810	342	22	5	0.2	5181	27	94	20	5	0.2	5239	96	146	14	5	0.2
5121	62	182	12	5	0.2	5182	47	70	14	5	0.2	5240	154	114	6	5	0.4
5122	13	40	6	5	0.2	5183	55	80	14	5	0.2	5241	89	78	8	5	0.2
5123	31	46	6	5	0.2	5185	20	56	10	5	0.2	5242	48	62	6	5	0.2
5124	114	118	114	25	0.2	5186	17	54	10	5	0.2	5243	60	40	10	5	0.2
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5126	45	104	22	10	0.6	5187	15	30	10	5	0.2	5249	679	196	20	5	0.2
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5132	44	56	8	5	0.2	5193	7	38	8	5	0.2	5256	45	88	16	5	0.2
5133	69	196	16	5	0.2	5194	8	48	16	5	0.2	5257	50	16	14	5	0.2
5134	60	56	8	5	0.2	5195	20	108	10	5	0.2	5258	68	230	22	5	0.2
5135	94	136	12	5	0.2	5196	81	162	20	5	0.2	5259	153	872	18	5	0.2
5136	183	148	22	50	2	5197	332	194	28	5	0.2	5260	71	170	28	5	0.2
5137	163	66	6	5	1.4	5198	72	14	8	5	0.2	5261	127	166	14	5	0.2
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5142	132	28	26	5	0.2	5203	220	146	46	5	0.2	5266	365	518	28	10	0.2
5143	57	56	18	5	0.2	5204	120	142	24	5	0.2	5267	612	830	24	25	0.2
5144	36	42	4	5	0.2	5205	413	222	146	5	0.2	5268	187	220	14	10	0.4
5145	44	74	4	5	0.2	5206	110	378	36	5	0.2	5269	195	422	18	5	0.4
5146	119	82	8	5	0.2	5207	95	148	28	5	0.4	5270	371	232	12	5	0.4
5147	35	30	8	5	0.2	5208	76	116	28	5	0.2	5271	130	208	18	5	0.2
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5149	92	142	14	5	0.2	5210	31	232	18	5	0.2	5273	52	52	8	5	0.4
5150	97	142	14	5	0.2	5211	157	218	34	5	0.2	5274	42	70	8	5	0.2
5151	44	116	12	5	0.2	5212	140	42	16	5	0.2	5275	348	50	8	5	0.4
5152	140	108	16	5	0.2	5213	131	126	22	5	0.2	5276	156	114	8	10	0.2
5153	51	74	6	5	0.2	5214	206	38	11	5	0.2	5277	169	110	14	5	0.2
5154	96	134	14	5	0.2	5215	139	146	11	5	0.2	5278	259	436	14	5	0.2
5155	215	14	11	5	0.2	5216	139	146	11	5	0.2	5279	689	748	98	5	1.2
5156	161	132	14	5	0.2	5217	186	212	16	5	0.2	5280	243	162	48	100	0.2
5157	90	252	26	3	0.2	5218	127	182	18	5	0.2						
5158	84	172	22	5	0.2	5218	127	182	18	5	0.2						

LEGEND	
●	5152 Soil sample location
○	5620 Stream sediment sample location

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 Jasper Property, North Sheet  
 Soil and Stream Sediment  
 Geochemistry  
 Scale: 1:5,000 NTS: 92C/15  
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Volume 2 Stream Sediment Analytical Results - Jasper Property

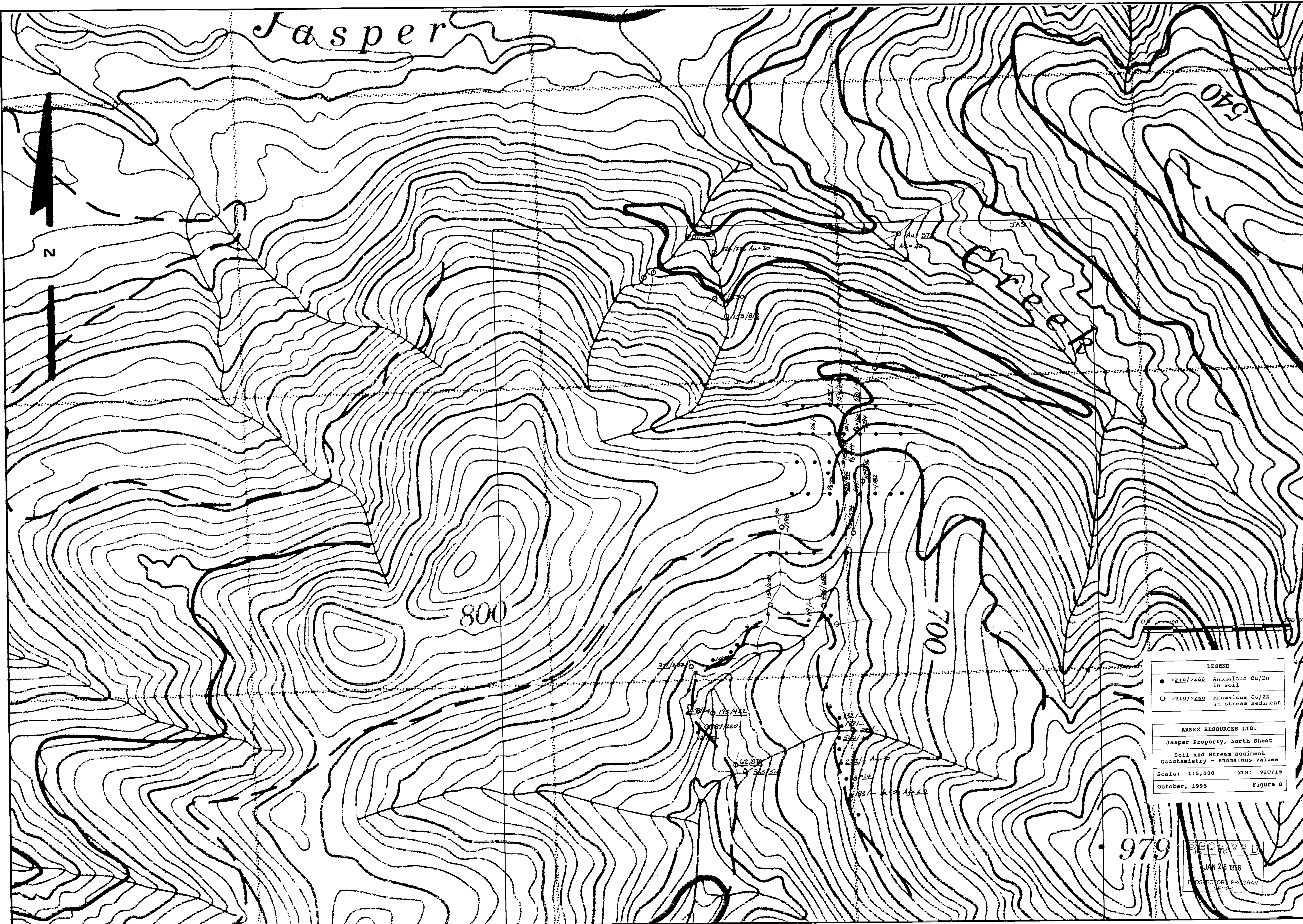
SAMPLE NO.	Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag ppm	SAMPLE NO.	Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag ppm	SAMPLE NO.	Cu ppm	Zn ppm	Pb ppm	Au ppb	Ag ppm
5100	581	164	54	5	0.2	5159	90	122	11	5	0.2	5210	96	114	4	5	0.2
5101	15	29	6	5	0.2	5160	76	176	12	5	0.2	5220	73	118	12	5	0.4
5102	7	38	4	5	0.2	5161	65	164	18	5	0.2	5221	90	78	12	5	0.4
5103	154	248	32	5	0.2	5162	91	152	10	5	0.2	5222	71	116	8	5	0.2
5104	237	114	10	5	0.2	5163	72	192	24	5	0.2	5223	130	118	8	5	0.2
5105	39	70	14	5	0.2	5164	83	142	28	5	0.2	5224	67	112	14	5	0.2
5106	181	90	14	5	0.2	5165	89	166	12	5	0.2	5225	301	210	5	5	0.6
5107	80	130	16	5	0.2	5166	83	110	12	5	0.2	5226	229	190	6	5	0.2
5108	100	294	164	5	1.8	5167	124	114	8	5	0.2	5227	465	649	6	5	0.2
5109	85	46	4	5	0.2	5168	244	226	48	5	0.4	5228	169	272	12	5	0.2
5110	32	42	6	5	0.2	5169	156	238	32	5	0.6	5229	334	738	12	5	0.2
5111	110	98	14	5	0.2	5170	76	130	22	5	0.2	5230	188	180	22	5	0.4
5112	83	124	16	5	0.2	5171	138	134	18	5	0.4	5231	41	102	20	5	0.8
5113	106	70	4	5	0.2	5172	76	130	22	5	0.2	5232	190	186	24	5	0.8
5114	54	49	16	5	0.2	5173	84	104	14	5	0.2	5233	182	210	16	5	0.4
5115	103	394	44	5	0.4	5174	138	134	18	5	0.4	5234	147	134	20	31	0.7
5116	29	78	84	15	0.2	5175	91	140	14	5	0.2	5235	237	138	16	5	0.6
5117	29	28	28	5	0.2	5176	278	180	24	5	0.2	5236	743	124	14	5	0.2
5118	37	46	12	5	0.2	5177	100	108	8	5	0.2	5237	103	146	22	120	0.4
5119	114	38	16	5	0.2	5178	67	134	20	12	0.2	5238	70	128	12	140	0.2
5120	810	342	22	5	0.2	5179	27	94	20	5	0.2	5239	96	146	14	5	0.2
5121	62	182	12	5	0.2	5180	37	54	20	5	0.2	5240	104	114	6	5	0.4
5122	13	40	6	5	0.2	5181	47	70	14	5	0.2	5241	89	78	8	5	0.2
5123	114	104	114	25	0.2	5182	20	36	10	5	0.2	5242	48	62	8	5	0.2
5124	114	104	114	25	0.2	5183	17	54	10	5	0.2	5243	65	100	10	5	0.2
5125	66	108	26	5	0.2	5184	68	84	8	5	0.2	5244	97	46	4	5	0.2
5126	45	104	22	10	0.8	5185	15	54	10	5	0.2	5245	69	136	20	5	0.2
5127	33	96	12	5	0.2	5186	46	81	14	10	0.2	5246	52	114	8	5	0.2
5128	527	374	16	5	0.2	5187	58	104	22	5	0.2	5247	61	84	6	40	0.2
5129	47	38	10	5	0.2	5188	58	104	22	5	0.2	5248	126	226	26	26	0.2
5130	50	78	14	5	0.2	5189	9	64	12	5	0.2	5249	136	136	52	10	0.2
5131	95	86	16	5	0.2	5190	10	52	14	5	0.2	5250	45	86	16	5	0.2
5132	44	58	8	5	0.2	5191	9	58	8	5	0.2	5251	50	76	14	5	0.2
5133	69	158	16	5	0.2	5192	10	52	14	5	0.2	5252	98	235	27	5	0.2
5134	50	76	10	5	0.2	5193	20	108	10	5	0.2	5253	98	235	27	5	0.2
5135	24	136	12	5	0.2	5194	20	108	10	5	0.2	5254	153	872	18	5	0.2
5136	103	148	22	50	0.2	5195	332	194	28	5	0.2	5255	73	170	26	5	0.2
5137	103	66	6	5	1.4	5196	72	84	8	5	0.2	5256	38	52	4	5	0.2
5138	262	140	22	10	0.1	5197	29	38	4	5	0.2	5257	858	488	22	5	0.4
5139	81	86	19	5	0.2	5198	34	36	5	0.2	5258	133	164	14	5	0.2	
5140	244	184	16	5	0.2	5199	111	180	16	5	0.2	5259	97	97	22	5	0.2
5141	133	18	8	5	0.2	5200	25	38	4	5	0.2	5260	47	114	14	5	0.2
5142	137	26	26	5	0.2	5201	186	162	12	5	0.2	5261	305	107	26	10	0.2
5143	57	96	18	5	0.2	5202	126	142	34	5	0.2	5262	132	180	24	20	0.2
5144	36	42	4	5	0.2	5203	443	232	106	5	0.2	5263	187	274	15	14	0.4
5145	44	75	4	5	0.2	5204	180	376	76	5	0.2	5264	192	620	48	5	0.4
5146	119	82	8	5	0.2	5205	110	376	76	5	0.2	5265	192	620	48	5	0.4
5147	35	30	8	5	0.2	5206	76	116	26	5	0.2	5266	130	130	12	5	0.4
5148	52	98	14	5	0.2	5207	82	150	30	5	0.2	5267	255	246	44	5	0.2
5149	52	98	14	5	0.2	5208	110	232	18	5	0.2	5268	39	97	8	5	0.4
5150	119	82	8	5	0.2	5209	110	232	18	5	0.2	5269	92	70	8	5	0.2
5151	44	116	12	5	0.2	5210	157	208	34	5	0.2	5270	408	50	6	5	0.2
5152	145	128	16	5	0.2	5211	80	12	10	5	0.2	5271	136	114	4	10	0.2
5153	51	14	6	5	0.2	5212	135	126	40	5	0.2	5272	169	130	14	5	0.2
5154	76	114	14	5	0.2	5213	236	38	11	5	0.2	5273	255	246	44	5	0.2
5155	408	214	14	5	0.2	5214	139	106	14	5	0.2	5274	683	738	686	5	1.2
5156	161	137	14	5	0.2	5215	71	136	18	5	0.2	5275	243	360	48	10	0.2
5157	90	229	26	5	0.2	5216	146	212	16	5	0.2						
5158	84	122	22	5	0.2	5217	157	182	18	5	0.2						

**LEGEND**  
 ● 5152 Soil sample location  
 ○ 5620 Stream sediment sample location

**ARNEK RESOURCES LTD.**  
 Jasper Property, South Sheet  
 Soil and Stream Sediment Geochemistry  
 Scale: 1:5,000 NTS: 92C/15  
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# Jasper



LEGEND	
●	>210/>260 Anomalous Cu/Zn in soil
○	>210/>260 Anomalous Cu/Zn in stream sediment

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Jasper Property, North Sheet  
Soil and Stream Sediment Geochemistry - Anomalous Values  
Scale: 1:15,000 NTS: 92C/15  
October, 1995 Figure 8

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