

ARIS SUMMARY SHEET

District Geologist, Vancouver

Off Confidential: 94.10.18

ASSESSMENT REPORT 23283

MINING DIVISION: Alberni

PROPERTY: Deer Bay
LOCATION: LAT 49 14 00 LONG 125 35 00
UTM 10 5456387 311935
NTS 092F05E

CAMP: 025 Tofino - Kennedy River Area

CLAIM(S): Super 1
OPERATOR(S): Buckland, P.
AUTHOR(S): Birkeland, A.
REPORT YEAR: 1994, 63 Pages

COMMODITIES

SEARCHED FOR: Copper, Nickel, Platinum, Gold, Silver

KEYWORDS: West Coast Complex, Gabbros, Gneisses, Amphibolites, Massive sulphides
Pyrite, Pyrrhotite, Chalcopyrite, Magnetite, Galena, Sphalerite
Violarite, Millerite, Pentlandite

WORK

DONE: Geological, Geochemical
GEOL 10.0 ha
Map(s) - 1; Scale(s) - 1:90
ROCK 15 sample(s) ;ME
SOIL 8 sample(s) ;ME

RELATED

REPORTS: 08016, 08138, 14807, 16220, 17284, 18751, 21136, 22749
MINFILE: 092F 029

LOG NO:	FEB 21 1994	RD.
ACTION:		
FILE NO:		

GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT

ON THE

DEER BAY PROPERTY, ALBERNI, M.D.

NTS 92 F/4, F/5

LAT: 49° 14'; LONG: 125° 35'

FOR

PETER C. BUCKLAND

BY

ARNE O. BIRKELAND, P.ENG.

ARNEX RESOURCES LIMITED

JANUARY 15, 1994

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

C:\DBPRPT2T.DOC

23.283

TABLE OF CONTENTS

	Page
1.0 INTRODUCTION	1
1.1 General	1
1.2 Property	1
1.3 Location and Access	2
1.4 History	5
2.0 PROPERTY GEOLOGY	5
2.1 Lithology	5
2.2 Structure	10
2.3 Metamorphism	11
2.4 Mineralization	12
3.0 GEOCHEMISTRY	13
3.1 Procedure	13
3.2 Results	13
3.2.1 Rock Geochemistry	14
3.2.2 Orientation Soil Sampling	14
3.2.3 Stream Sediment Geochemistry	15
4.0 CONCLUSIONS	15
5.0 RECOMMENDATIONS	17

LIST OF FIGURES

Figure No	NTS No	Figure Name	Scale	Page
1	92F	Location Map	1:250,000	3
2	92F/4, F/5	Claim Location Map	1:50,000	4
3	92F/4, F/5	Compilation Map Tranquil Creek Area	1:20,000	In Pocket
4	92F/4	Geology and Geochemistry Main Showing	1:90	In Pocket

LIST OF TABLES

Table No	Title	Page
1	Deer Bay Property - Mineral Tenure	2
2	Stratigraphy and Lithology	6

APPENDIX

Appendix No	Description
I	Statement of Expenditures
II	Statement of Qualification
III	Geochemical Data Sheets
IV	Analytical Results and Certificates
V	Bibliography

GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT

DEER BAY PROPERTY

1.0 INTRODUCTION

1.1 General

Detailed geological mapping, rock chip sampling and orientation geochemical sampling were conducted on the Deer Bay Property between June 15th and June 21st, 1993.

The objective of the field work was to re-locate and sample the Ni-Cu-PGM massive sulphide Main Showing to determine the dimension and tenor of the mineralization, geological setting, metallogenesis, and, if warranted, make work program recommendations to further develop the property. Orientation soil sampling was also conducted to measure dispersion effects to aid geochemical interpretation.

1.2 Property

The property is comprised of 6 continuous mineral claims totalling 40 units owned by Peter Buckland (See Table 1, Figure 2).

Deer Bay Property

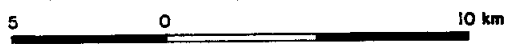
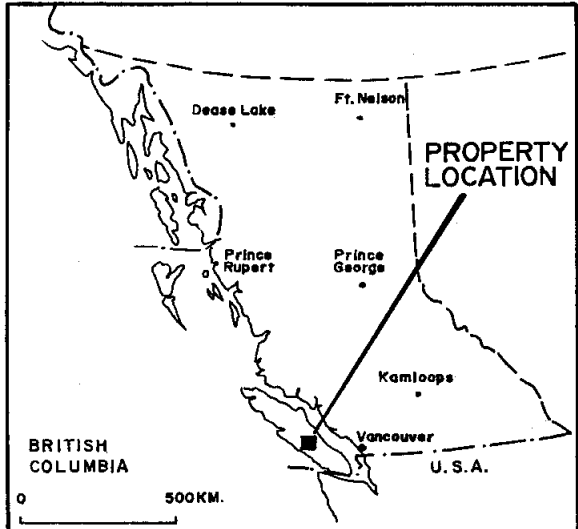
Mineral Tenure

Claim Name	Record #	No of Units	Expiry Date
Nickel 1	200102, 1048	2	Oct. 24/93
Nickel 2	200131, 1338	2	Nov. 12/93
Lorne	200132, 1341	6	Nov. 12/93
Super 1	200234, 2150	6	May 10/94
Super 2	200235, 2151	12	May 10/94
Inlet	200614, 3404	12	Dec. 1/93

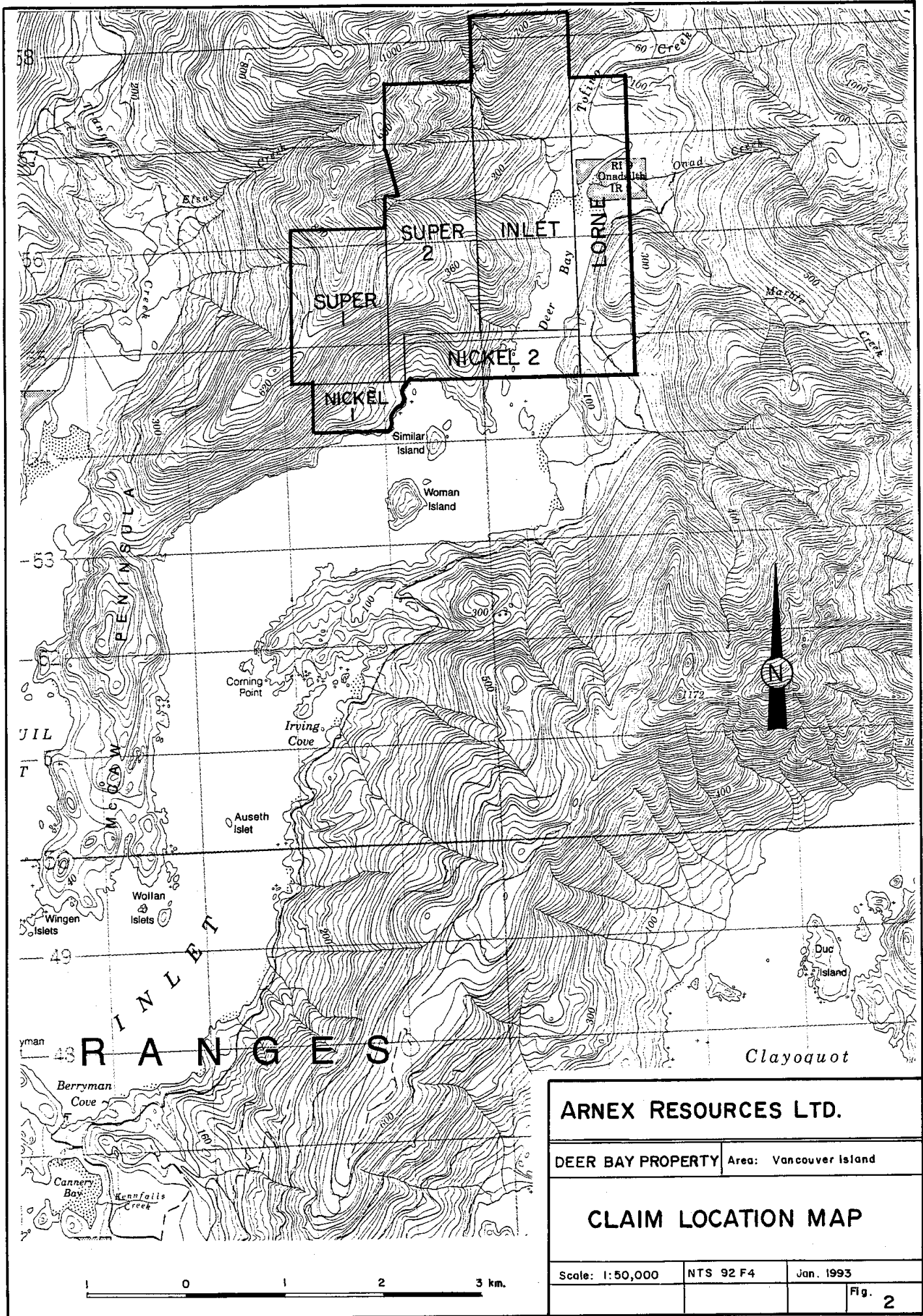
Table 1

1.3 Location and Access

The property is located 25 km ENE of Tofino near the head of Tofino Inlet in NTS 92F/4, 49° 14'N, 125° 35'E (Fig 1,2). Access is by logging road (70 km from Tofino via Kennedy Lake bridge) or by boat (30 km from Tofino). The Main Showing is at the 275 m elevation on a steep timbered hillside 0.5 km north of Similar Island.



ARNEX RESOURCES LTD.		
DEER BAY PROPERTY	Area: Vancouver Island	
LOCATION MAP		
Scale: 1:250,000	NTS 92F4	Jan. 1993
		Fig. 1



ARNEX RESOURCES LTD.		
DEER BAY PROPERTY	Area: Vancouver Island	
CLAIM LOCATION MAP		
Scale: 1:50,000	NTS 92 F4	Jan. 1993
		Fig. 2

1.4 History

Intermittent exploration has been carried out on the property since discovery in 1898. Gold quartz veins, Cu-Mo porphyry and Ni-Cu-PGM mineralization have variously been evaluated by different operators. The focus of the current investigation has been on the Ni-Cu-PGM mineralization. The most meaningful work was carried out in 1984 and 1985 by Cominco who conducted geological mapping, geochemical, geophysical and trenching programs on the main Cu - Ni - PGM showing area.

2.0 PROPERTY GEOLOGY

2.1 Lithology

Lithologic descriptions are summarized in Table 2, Stratigraphy and Lithology.

Stratigraphy and Lithology

Catface Intrusives (Tg)

Tgdi - light grey medium to coarse grained quartz diorite.

Island Intrusives (Jg)

Jgdi - grey medium to coarse grained diorite; granodiorite.

Sicker Group (CPs)

1st - grey medium grained massive bioclastic limestone; marble locally.

arg - alternating light, dark grey thin bedded argillite; pyrite.

and - green, grey fine grained massive andesite; chlorite.

bas - dark green, grey basalt; calcite epidote veinlets, local py+/-cpy.

meta - layered dark grey silicified argillite,
sed chert, greywacke.

meta - dark green basalt; epidote, calcite;
bas amphibolite gneiss.

West Coast Crystalline Complex (WC3)

gab - massive medium grained dark grey-green hornblend gabbro.

amp - medium to coarse grained black amphibolite.

gns - pale green, grey fine to medium grained quartzo-feldspathic gneiss; amphibolite layers common; quartz, feldspar, muscovite chlorite veins.

Table 2

The northerly trending, easterly dipping stratigraphic sequence on the Deer Bay Property consists of the following (from west to east, oldest to youngest):

WEST COAST COMPLEX (WC3) - Quartzo-felspathic gneiss; amphibolite

SICKER GROUP (CPS) - Mafic, felsic volcanics; argillite;
limestone

Intruding the Paleozoic strata to the southwest and northeast respectively are intrusive stocks and related dykes and sills as follows:

CATFACE INTRUSIONS (Tg) - Quartz diorite

ISLAND INTRUSIONS (Jg) - Diorite; granodiorite

Lithologic Descriptions

WEST COAST CRYSTALLINE COMPLEX (WC3)

The principal rock type underlying the Main Showing area consists of quartzo-feldspathic gneiss containing numerous thin foliated amphibolite bands. Gneisses are characteristically fine to medium grained and are pale green to grayish in colour with moderately developed foliation. Dark green chlorite rich bands

and amphibolite dykes and sills are common within the gneissic complex and remnant basaltic sills and intercalated felsic volcanics were observed where metamorphism is less prevalent. Chalky white feldspar, light colored muscovite and disseminated pyrite often occur at contacts between gneiss and amphibolite.

The WC3 is interpreted as a migmatic zone of granitized Paleozoic strata. Granitization has occurred at depth and preferentially along major structures. Uplift and erosion have exposed graded metamorphic fronts as observed on the property.

PALEOZOIC SICKER GROUP (CPs)

A thick sequence of metabasalts are comprised of dark green fine grained basalt and andesite containing local amygdales. Calcite and epidote stringers are common and a wide variety of dykes intrude the metabasalts. Limestone lenses occur near the contacts with metabasalt or diabase in the upper portion of the assemblage. They have been metamorphosed to a coarse grained assemblage of calcite and garnet diopside skarn assemblage. Near the upper portion of the metabasalt sequence the intercalated limestone and metabasalt/diabase unit may represent a metamorphose equivalent of the Sediment Sill unit. This is supported by the presence of a large limestone occurrence in the north central portion of the claim group which may represent an overlying segment of the Buttle Lake formation.

INTRUSIVE ROCKS

Of particular note is a hornblende gabbro intrusive body 400 m southwest of the Main Showing. The hornblende gabbro is a massive medium grained dark green to grey rock consisting of amphibolite and altered feldspar. Several variations of this intrusive include dark grey, black and green amphibolite.

The hornblend gabbro intrusive is considered to be upper Triassic in age and is interpreted to be a subvolcanic magmatic feeder for Karmutsen formation tholeiitic basalts. The numerous amphibolite and hornblend gabbro amphibolite dykes and sills in the area are related to the hornblend gabbro intrusive. A genetic relationship between the gabbro and Cu-Ni-PGM bearing amphibolite is postulated. It is possible that the Main Showing amphibolite may thicken down dip or along strike and allow a substantial accumulation of massive sulphide to form as the hornblend gabbro amphibolite differentiates and magmatic and meteoric (sea water) fluids inter-react.

The head of Tofino Inlet is underlain by Jurassic Island Intrusions (Jg) consisting of a poly-phase sequence of diorite and granodiorite stocks, sills and dykes.

The northern portion of the property in the vicinity of Tofino Creek is underlain by a thick unit of dacite feldspar porphyry which is thought to belong to the Tertiary Catface Intrusive

complex (Tg). A body of Tg diorite also has been mapped in the southwestern portion of the property.

2.2 Structure

Pronounced jointing and faulting occur along a northeasterly direction generally paralleling Tofino Creek and Deer Bay. A conjugate fault set trending in a northwesterly direction commonly contains numerous gabbro and diabased dykes and local pyrite. These normal faults are considered to be Tertiary in age and relate to emplacement of Tg.

Geologic mapping reveals changes in direction of foliation indicating folding in the WC3 and CPs units is common. Small isoclinal folds plunging northwesterly are often observed in outcrop.

At the Main Showing, foliation is locally oriented northeast with moderate dips to the southwest. Foliation in the rocks immediately adjacent to the showing strikes northwest (paralleling the regional trend) with moderate to steep dips to the west.

2.3 Metamorphism

Metamorphic events include contact metamorphic aureoles marginal to Jg and Tg intrusives and lower amphibolite grade regional metamorphism from migmatization of CPs group protolith.

Contact metamorphic aureoles around diorite intrusions and quartz-feldspar and diorite dykes occur primarily as skarn assemblages when in contact with carbonate rich wall rocks. Skarn assemblages often contain magnetite and varying amount of base metal +/- Au, Ag. Hornfels aureoles occur when intrusives are in contact with volcanic and sedimentary wall rocks and commonly contain disseminated chalcopyrite.

Migmatization of the Paleozoic CPs protolith is responsible for the quartz-feldspar and amphibolite gneiss complexes which make up the WC3. Truly intrusive diorites and related contact metasomatism can be observed within the WC3 but most greenschist to amphibolite metamorphic facies appears to be related to recrystallization (of subducting strata, ie partial melting). Greenschist to higher grade amphibolite facies is irregularly distributed within the complex highgrade metamorphic belt. The metamorphic events of the WC3 are poorly understood.

2.4 Mineralization

Massive sulphide mineralization is hosted in approximately a 1.5 m wide band which is exposed in outcrop and trenches over approximately a 22 m strike length (Fig 4). The mineralization is hosted in, and intimately associated with, a black, coarse grained, euhedral, hypidomorphic granular, biotite hornblend amphibolite. The mineralization is concordant with the strongly developed foliation which may represent relict bedding in Sicker protolith rocks.

Fine to coarse grained massive pyrrhotite and pyrite mineralization contains locally up to 50% chalcopyrite with minor magnetite, sphalerite and galena. Accessory minerals includes violarite, millerite +/- pentlandite.

The strike extension of the mineralization to the southeast is unknown as outcrop in the heavy bush is restricted. The zone appears to pinch out in the most northwestern trench (Trench 1).

Sulfide float from this occurrence is distributed downstream from where the showing outcrops.

3.0 GEOCHEMISTRY

3.1 Procedure

Rock chip channel samples and grab samples taken from the Main Showing were analyzed by Chemex Labs using ICP and various assay techniques. Lithogeochemical analysis was also conducted by Activation Laboratories using NAA.

Orientation soil sampling was conducted at the Main Showing. Soil samples were taken from the B horizon, from residual soil profiles where possible. Soils were analyzed by Chemex Labs utilizing multi-element ICP analytical techniques.

Orientation stream sediment samples were taken in two northern drainages adjacent to the Main Showing and analyzed by Chemex Labs using ICP.

3.2 Results

Results and analytical procedures are reported in Appendix IV, Analytical Results and Certificates and key elements are plotted on Figures 3 and 4.

3.2.1 Rock Geochemistry

Values of up to 10.1% Ni, 0.24% Cu, 0.17 o/T Pt and 0.76 o/T Pd were obtained from representative grab sampling of loose high-grade talus at the Main Showing. The best rock chip channel sampling of the zone returned 2.06% Ni, 1.97% Cu, 0.051 o/T Pt and 0.171 o/T Pd over a 2.2 m width and 1.58% Ni, 1.9% Cu, 0.024 o/T Pt and 0.166 o/T Pd over 1.3 m. This confirmed Cominco results (1985) where *chip sampling over 11.1 m gave values up to 1.5% Ni, 4.2% Cu, 1.4 ppm Pt and 4 ppm Pd. Selected character samples gave considerably higher values.*

Of importance was grab sampling of unmineralized amphibolite host at the Main Showing and from the gabbro amphibolite body on the western portion of the property. Anomalous Ni values of 103 ppm and 147 ppm respectively may indicate a genetic link between the amphibolite hosted mineralization and the gabbro body. Ni occurrences associated with WC3 amphibolite are also known to exist to the northwest indicating that a Ni-PGM Belt may be present and that the Deer Bay showing is not an isolated occurrence.

3.2.2 Orientation Soil Sampling

Orientation soil sampling achieved anomalous results immediately adjacent to the showing. Anomalous values ranged from 146 to 1400 ppm Cu, 79 to 771 ppm Ni, 90 to 750 ppb Pd, 110 to 310 ppb

Pt and 44 to 70 ppb Au in close proximity to the mineralization but sampling as close as 10 m away (Sx 210016) failed to return anomalous values.

Because of the poor dispersion, isolated soil anomalies which occur elsewhere on the Main Showing grid may be significant. From previous limited work, soil sampling conducted on a grid in the Ni-PGM area encountered highly anomalous Pt and Pd values approximately 100 m south of the Main Showing (75 ppm Cu, 37 ppm Ni, 9 ppb Au, 40 ppb Pt and 117 ppb Pd). Samples with moderate highly anomalous Cu, Ni values also occur as clusters in two areas located 120 m north and 200 m southeast of the main showing.

3.2.3 Stream Sediment Geochemistry

Stream sediment samples (Sx 210329, 210330) were taken from drainages to the north of the Main Showing area (Fig 3). Samples were poor quality coarse sediments from dry flood channels. Values were not anomalous.

4.0 CONCLUSIONS

The Deer Bay property is primarily underlain by quartz-feldspar gneiss belonging to the WC3 and metavolcanic and metasedimentary rocks of the Paleozoic Sicker Group. Greenschist metamorphic facies within the WC3 results from granitization of the Sicker

protolith. Foliated gneissic rocks cut by amphibolite dykes and sills are present at the Main Showing.

Ni-Cu-PGM sulfide mineralization occurs in outcrop at the Main Showing area. The massive sulphide zone appears to have a strike length of 22 m and is continuously exposed over 11 m. The best channel sample intercept was 2.2 m of approximately 2% Ni, 2% Cu, 0.05 o/T Pt and 0.2 o/T Pd. The showing has never been tested in the vertical dimension by diamond drilling.

Minor disseminated chalcopyrite observed in an intrusive gabbro complex accompanied by anomalous Ni geochemical values indicate that mineralization may be related to Karmutsen differentiated sill complexes and implicating considerable size potential may be possible.

Orientation soil sampling indicates metal dispersions are very restricted and are not present as near as 10 m away from the Main Showing. From previous work, soil anomalies on the grid north and south of the Main Showing indicate additional mineralized showings may be present, and reconnaissance soil sampling (Birkeland, 1992) from road-cuts indicates anomalous values occur over a +2 km strike length.

5.0 RECOMMENDATIONS

A property program is recommended as follows:

- Drill test the Main Showing (with a light-weight helicopter portable diamond drill) at a shallow depth from two relatively easy set-ups to sample the mineralized zone in the vertical dimension. Surface disturbance would be minimal.
- If significant intercepts are achieved, initiate a conventional property program. The first step would be to compile all historical data and prepare base maps.
- An integrated field exploration program would follow the data compilation phase. The program should conduct geochemical soil sampling, follow up prospecting, mapping and sampling, contingent geophysics and conventional drilling.

Mapping and reconnaissance soil sampling on all newly constructed access roads is recommended on an ongoing basis as active logging continues to provide exposure and access on the property.

A favourable geologic setting, a highgrade showing in outcrop and several geochemical responses over a +2 km strike length indicates additional exploration work is warranted at the Main Showing, Ni-Cu-PGM area.

Dated this 15Th day of January, 1994



By:

Arne O. Birkeland, P.Eng.

APPENDIX I

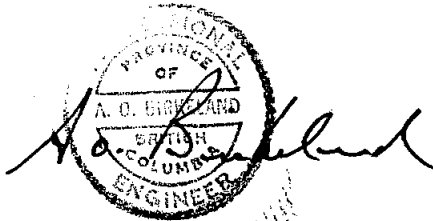
STATEMENT OF EXPENDITURES

ARNEX RESOURCES LTD.
 4005 BROCKTON CRES.
 NORTH VANCOUVER, B.C., V7G 1E5

DATE: DECEMBER 16, 1993

RE: DEER BAY PROPERTY - 1992 GEOLOGICAL/GEOCHEMICAL PROGRAM
 STATEMENT OF EXPENDITURES

DESCRIPTION =====	UNITS =====	COST/UNIT =====	AMOUNT =====	
SERVICES				
Fees	Geological Engineer	3 field day	\$454.75 / day	\$1,364.25
	Geologists	3 field day	\$367.75 / day	\$1,103.25
	Geological Engineer	4 report day	\$454.75 / day	\$1,819.00
	Clerical	20 hrs	\$22.47 / hr	\$449.40
RENTALS				
Rentals	Truck	1 day	\$80.25 / day	\$80.25
	Camper	1 day	\$26.75 / day	\$26.75
	Field Equip	6 day	\$16.05 / day	\$96.30
	Boat	2 day	\$142.67 / day	\$285.34
	IC-H16 Radio	3 day	\$8.63 / day	\$25.89
	IC-H18 Radio	3 day	\$6.90 / day	\$20.71
	PC Computer	4 day	\$6.90 / day	\$27.61
	Rock Slab Saw	10 hr	\$5.35 / hr	\$53.50
	Binoc Microscope	6 hr	\$4.14 / hr	\$24.85
	Subtotal			\$5,377.10
	GST			\$376.40
Expenses	Chemex Labs - Analytical	8 Sx	\$13.48 / Sx	\$107.84
	Chemex Labs - Analytical	10 Rx	\$32.20 / Rx	\$322.00
	Chemex Labs - Analytical	9 Rx	\$32.00 / Rx	\$288.00
	Act Labs - Analytical	5 Rx	\$10.70 / Rx	\$53.50
	Mineral Tenure Recording Fees			\$400.00
	Printing, Copying			\$10.00
			=====	
TOTAL				\$6,934.84



C:\ARNEX\BUCKI4.WK1

APPENDIX II

CERTIFICATE OF QUALIFICATION

APPENDIX I

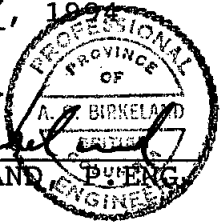
CERTIFICATE OF QUALIFICATION

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 15th day of January, 1974

A. O. Birkeland
ARNE O. BIRKELAND
A circular seal for a Professional Engineer in the Province of British Columbia. The seal contains the text "PROFESSIONAL ENGINEER OF THE PROVINCE OF BRITISH COLUMBIA" around the perimeter and "A. O. BIRKELAND" in the center.

APPENDIX III

GEOCHEMICAL DATA SHEETS

GEOCHEMICAL DATA SHEET -- SOIL SAMPLING

EXPLORATION DIV.

SAMPLER
DATE

A. Travis
JUNE 18/93

ARNEX
RESOURCES LTD.
PROJECT

APP

NTS

90 F/4

LINE

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS							
				Colour	Part Size	% ORG.	Ph				Pb	Zn						
SX																		
10014	Tofino N.	10cm	B	red brown	Sandy	mod	-	SE	Conifers	~ 3m north of top end of outcrop								
10015	"	20cm	B	"	"	"	-	"	"	~ 2m south of "								
10016	"	45cm	B	"	"	"	-	"	"	~ 10m south of "								
10017	"	40cm	B	"	"	"	-	"	"	~ 15m north of bottom of outcrop, just across creek								
10018	"	40cm	B	"	"	"	-	"	"	directly downslope of mineralized amphibolite								
10019	"	30cm	B	"	"	"	-	"	"	South side of bottom end of o/c								

ARNEX
RESOURCES LTD.

GEOCHEMICAL DATA SHEET - STREAM SILTS

EXPLORATION DIV.

COLLECTOR A.O. BIRKELAND
DATE JUN 18, 1993

PROJECT APP- DEER BAY PROPERTY

NTS 92 F/4
CREEK _____
AIR PHOTO NO. _____

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									Pb	Zn		
10329	Sm.	1m	Mod		S.S. lt gr fine dry flood channel		Sandy silty winnow behind rocks	Low	CPs	Meta basalt; py hfls; Jg w/ contact xenoliths				
10330	1m	.1	Mod dry		S.S. lt gr flood channel		coarse gravel +soil	Low- Mod	CPs	Metabas; sil. py hfls.				

SAMPLER A. TRAVIS

PROJECT APP

NTS 92 F/4

DATE JUNE 18/93

LINE _____

AIR PHOTO NO. _____

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION					ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
			Sample Type	APPARENT WIDTH	TRUE WIDTH	Alteration	Freshness		Mineralization	Pb	Zn		
223224	TOFINO N. SHOWING	amphibolite	chip	60cm		propylitic	good	Py 3-5% Cpy 1% Po 1-3%	FOOTWALL SIDE OF MODERATELY MINERALIZED AMPHIBOLITE				
223225	"	amphibolite	chip	100cm		"	"	Py 5-7% Cpy 3-5% Po 3-5%	MINERALIZED ZONE UPPER PORTION OF OUTCROP				
223226	"	granitic gneiss	chip	60cm		-	"	Py 1%	qtz, feld, muscovite, foliated granitic gneiss				
223227	"	"	chip	40cm		-	"	Py 1-3%	footwall side, weak Py				
223228	"	amphibolite	chip	1m		propylitic	"	Py 5-7% Cpy 1-3% Po 3-5%	mineralized zone MIDDLE PORTION OF OUTCROP				
223229	"	amphibolite	chip	1m		propylitic	"	Py 1-3% Cpy 1-3% Po 1-3%	mineralized zone LOWER END OF OUTCROP ABOVE "SPLIT" IN ZONE				

APPENDIX IV

ANALYTICAL RESULTS AND CERTIFICATES

1993 Analytical Results - Deer Bay Property

**Stream Sediment and Soil Geochemistry - Multi-element
Results**

Rock Geochemistry - Multi-element Results

Rock Assay - Multi-element Results

Rock Geochemistry - NAA Results

Whole Rock Multi-element Results

DEER BAY PROPERTY

1993 STREAM SEDIMENT AND SOIL GEOCHEMISTRY - MULTIELEMENT RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\A9316093.WK1

SAMPLE SX#	Au ppb	Pd ppb	Pt 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
210014	66	750	310	0.2	2.28	-2	20	-0.5	-2	0.16	-0.5	38	34	1400	4.96	10	-1
210015	70	140	120	-0.2	3.18	-2	30	-0.5	-2	0.1	-0.5	10	38	317	7.37	30	-1
210016	4	8	-5	0.2	1.52	-2	20	-0.5	-2	0.21	-0.5	4	34	34	4.85	10	-1
210017	10	90	25	0.2	2.11	10	30	-0.5	-2	0.13	-0.5	7	21	146	4.14	10	-1
210018	20	370	140	0.2	4.27	2	50	-0.5	-2	0.13	-0.5	9	52	716	6.26	10	-1
210019	44	340	110	0.2	6.59	8	10	-0.5	-2	0.11	-0.5	6	61	230	5.88	10	-1
210329	20	6	5	0.2	2.51	14	50	-0.5	-2	0.99	-0.5	20	48	96	4.19	10	-1
210330	2	2	5	0.2	2.61	130	30	-0.5	-2	0.5	0.5	18	44	48	4.8	10	-1

DEER BAY PROPERTY

1993 STREAM SEDIMENT AND SOIL GEOCHEMISTRY - MULTIELEMENT RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\A9316093.WK1

SAMPLE SX#	K %	La ppm	Mg %	Mn ppm	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
210014	0.02	10	0.53	370	1	-0.01	771	330	4	-2	2	6	0.07	-10	-10	50	-10	38
210015	0.02	-10	0.41	180	3	-0.01	215	220	12	-2	2	10	0.14	-10	-10	115	-10	36
210016	0.03	-10	0.39	165	-1	0.02	22	190	2	-2	3	11	0.23	-10	-10	120	-10	40
210017	0.02	-10	0.23	190	1	0.01	79	270	4	-2	3	9	0.11	-10	-10	90	-10	34
210018	0.01	-10	0.21	130	1	0.01	231	420	4	-2	6	16	0.14	-10	-10	87	-10	36
210019	0.01	-10	0.18	120	1	0.01	98	490	2	-2	12	6	0.21	-10	-10	107	-10	34
210329	0.04	10	1.33	750	-1	0.01	23	710	-2	-2	9	31	0.22	-10	-10	103	-10	66
210330	0.07	10	0.97	980	1	0.02	19	590	14	2	9	21	0.08	-10	-10	80	10	114

DEER BAY PROPERTY

1993 ROCK GEOCHEMISTRY - MULTIELEMENT RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\A9316094.WK1

SAMPLE RX#	Au ppb	Pd ppb	Pt 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
223224	88	630	195	-0.2	6.11	4	-10	1.00	-2	0.12	-0.5	38	187	3799	12.01	-10	-1
223225	130	2700	730	2.4	2.40	10	-10	-0.5	-2	0.39	-0.5	154	613	10000	9.19	-10	-1
223226	-2	20	5	-0.2	2.51	-2	980	-0.5	-2	1.06	-0.5	8	26	182	2.48	10	-1
223227	54	440	90	-0.2	2.90	-2	160	-0.5	-2	3.57	-0.5	53	20	1324	3.38	-10	-1
223228	220	5130	1520	-0.2	3.90	62	-10	-0.5	-2	0.19	-0.5	655	281	7918	15	-10	-1
223229	84	2020	580	-0.2	2.86	20	-10	-0.5	-2	0.54	-0.5	138	614	3824	5.75	-10	-1

DEER BAY PROPERTY

1993 ROCK GEOCHEMISTRY - MULTIELEMENT RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\A9316094.WK1

SAMPLE RX#	K %	La ppm	Mg %	Mn ppm	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
223224	-0.01	-10	5.75	1220	-1	0.01	1848	-10	-2	-2	4	2	0.08	-10	-10	24	-10	68
223225	-0.01	-10	3.90	390	-1	0.05	1561	-10	-2	-2	3	4	0.10	-10	10	52	30	106
223226	0.13	-10	1.85	515	-1	0.05	402	240	-2	-2	3	31	0.14	-10	10	12	-10	34
223227	0.08	-10	1.68	530	-1	0.08	2924	190	-2	-2	2	24	0.07	-10	-10	6	-10	48
223228	-0.01	-10	4.00	825	-1	0.02	10000	-10	-2	-2	3	3	0.04	120	10	29	-10	126
223229	-0.01	-10	4.49	345	-1	0.07	6021	80	-2	2	3	8	0.12	20	-10	51	20	70

DEER BAY PROPERTY
 1993 ROCK ASSAY - MULTIELEMENT RESULTS
 ARNEX RESOURCES LTD. C:\APPGC93\A9316169.WK1

Sample Rx#	PT OPT	PD OPT	AU OPT	RH OPT	CU %	NI %	CO %	S %	FE %	AS %	AG PPM	CO PPM	CU PPM	FE %	MN PPM	MO PPM	NI PPM	PB PPM	ZN PPM
RX 224001	0.024	0.166	0.004	<.004	1.90	1.58	0.04	8.93	15.1	0	<0.5	450	>10000	13.3	500	<1	>10000	4	306
RX 224003	0.054	0.162	0.012	<.003	3.48	1.00	0.05	12.00	18.3	<0.01	1.0	507	>10000	>15	415	<1	9479	10	244
RX 224004	0.048	0.180	0.006	0.003	0.46	3.12	0.09	15.50	21.6	<0.01	<0.5	802	4812	>15	920	<1	>10000	4	202
RX 224005	0.170	0.760	0.009	0.012	0.24	10.08	0.21	41.40	36.9	0.08	<0.5	2059	2474	>15	65	<1	>10000	<2	402

DEER BAY PROPERTY

1993 ROCK GEOCHEMISTRY - NAA RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\5219.WK1

SAMPLE Rx#	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CAO %	CO PPM	CR PPM	CS PPM	FE203 %	HF PPM	HG PPM	IR PPM	MO PPM	NA2O3 %	NI PPM	RB PPM
RX 224002	66	-5	-2	760	-1	3	46	180	-2	3.29	3.3	-1	-5	-5	3.55	1900	-30
RX 224006	143	-5	2	410	-1	8	25	20	-2	4.22	5.0	-1	-5	-5	5.69	850	44
RX 224007	5	-5	2	200	-1	8	26	87	2	8.96	2.3	-1	-5	-5	3.59	-50	-30
RX 224008	5	-5	-2	-100	-1	10	68	620	-2	12.17	1.2	-1	-5	-5	1.85	430	-30
RX 224009	-5	-5	-2	-100	-1	10	56	1300	-2	8.18	0.6	-1	-5	-5	1.15	560	35

DEER BAY PROPERTY

1993 ROCK GEOCHEMISTRY - NAA RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\5219.WK1

SAMPLE Rx#	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
RX 224002	0.4	3.8	-5	-0.01	-0.05	-1	-0.5	-0.5	-4	66	3.2	9	-5	1.1	0.5	-0.5	1.3	0.20	1.07
RX 224006	0.4	6.0	-5	-0.01	0.08	-1	3.2	-0.5	-4	90	17.1	38	12	3.1	0.6	0.6	3.0	0.51	1.10
RX 224007	-0.2	33.0	-5	-0.01	-0.05	-1	0.9	0.7	-4	180	7.7	17	9	2.7	0.8	0.6	2.2	0.36	1.59
RX 224008	-0.2	46.0	-5	-0.01	-0.05	-1	-0.5	-0.5	-4	160	1.1	6	-5	1.5	0.7	-0.5	2.3	0.35	1.29
RX 224009	-0.2	34.0	-5	-0.01	-0.05	-1	-0.5	-0.5	-4	120	0.7	4	-5	0.6	0.3	-0.5	1.2	0.19	1.72

DEER BAY PROPERTY

1993 ROCK GEOCHEMISTRY - WHOLE ROCK MULTIELEMENT RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\A9316170.WK1

Sample Rx#	AL2O3 %	CAO %	CR2O3 %	FE2O3 %	K2O %	MGO %	MNO %	NA2O3 %	P2O5 %	SIO2 %	TIO2 %	LOI %	TOTAL %
RX 224001	8.43	5.47	0.17	21.70	0.11	16.30	0.17	0.62	0.09	32.40	0.38	9.93	95.77
RX 224002	13.06	2.59	0.03	3.31	0.68	0.83	0.03	3.62	0.15	74.25	0.19	1.94	100.68
RX 224003	7.91	4.96	0.14	25.70	0.07	13.51	0.15	0.58	0.10	29.18	0.34	10.57	93.21
RX 224004	9.43	1.51	<0.01	30.70	0.07	7.57	0.15	0.59	<0.01	28.03	0.17	15.03	93.27
RX 224005	0.29	0.05	<0.01	50.80	0.02	0.23	<0.01	<0.01	<0.01	1.42	<0.01	32.83	85.69
RX 224006	21.59	8.76	0.03	4.15	1.27	2.19	0.09	5.78	0.13	50.93	0.27	5.00	100.19
RX 224007	16.84	8.65	0.11	9.13	0.82	5.79	0.31	3.91	0.26	52.00	0.68	2.79	101.29
RX 224008	14.88	10.25	0.16	11.44	0.20	12.86	0.18	1.92	0.16	44.14	0.62	2.47	99.28
RX 224009	15.99	10.99	0.25	8.09	0.83	14.37	0.16	1.26	0.12	45.40	0.26	2.76	100.48

DEER BAY PROPERTY

1993 ROCK GEOCHEMISTRY - WHOLE ROCK MULTIELEMENT RESULTS

ARNEX RESOURCES LTD.

C:\APPGC93\A9316170.WK1

Sample Rx#	BA PPM	NB PPM	RB PPM	SR PPM	Y PPM	ZR PPM	AG PPM	CO PPM	CU PPM	FE %	MN PPM	MO PPM	NI PPM	PB PPM	ZN PPM
RX 224001	10	<10	<5	40	10	20									
RX 224002	780	<10	10	380	<10	220	0.5	49	5977	2.20	200	<1	1680	2	40
RX 224003	<10	<10	<5	10	10	10									
RX 224004	10	<10	<5	30	10	110									
RX 224005	70	<10	<5	<10	<10	<10									
RX 224006	450	<10	30	490	20	170	<0.05	25	1003	2.46	485	<1	714	2	38
RX 224007	180	<10	15	330	20	70	<0.05	13	54	2.58	680	<1	37	4	52
RX 224008	40	<10	<5	160	20	30	<0.05	18	120	1.98	320	<1	103	<2	22
RX 224009	60	<10	20	90	10	10	<0.05	17	20	1.51	305	<1	147	<2	18

1993 Analytical Certificates - Deer Bay Property

**Stream Sediment and Soil Geochemistry - Multi-element
Results**

Rock Geochemistry - Multi-element Results

Rock Assay - Multi-element Results

Rock Geochemistry - NAA Results

Whole Rock Multi-element Results



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

A9316093

Comments: CC: C. BELL

CERTIFICATE

A9316093

ANALYTICAL PROCEDURES

ARNEX RESOURCES LIMITED

Project: APP-SX
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 30-JUN-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	6	Dry, sieve to -80 mesh
203	2	Dry, sieve to -35 mesh
205	2	Geochem ring to approx 150 mesh
229	8	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.

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
975	8	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
977	8	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	8	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
2118	8	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	8	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	8	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	8	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	8	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	8	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	8	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	8	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	8	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	8	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	8	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	8	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	8	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	8	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	8	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	8	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	8	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	8	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	8	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	8	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	8	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	8	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	8	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	8	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	8	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	8	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	8	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	8	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	8	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	8	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	8	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	8	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

Project: APP-SX
Comments: CC: C. BELL

Page Number : 1-A
Total Pages : 1
Certificate Date: 30-JUN-93
Invoice No. : 19316093
P.O. Number :
Account : AN

CERTIFICATE OF ANALYSIS A9316093

SAMPLE	PREP CODE		Au ppb	Pd ppb	Pt 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
			AFS	AFS	AFS																
SX 210014	201	229	66	750	310	0.2	2.28	< 2	20	< 0.5	< 2	0.16	< 0.5	38	34	1400	4.96	10	< 1	0.02	10
SX 210015	201	229	70	140	120	< 0.2	3.18	< 2	30	< 0.5	< 2	0.10	< 0.5	10	38	317	7.37	30	< 1	0.02	< 10
SX 210016	203	205	4	8	< 5	0.2	1.52	< 2	20	< 0.5	< 2	0.21	< 0.5	4	34	34	4.85	10	< 1	0.03	< 10
SX 210017	201	229	10	90	25	0.2	2.11	10	30	< 0.5	< 2	0.13	< 0.5	7	21	146	4.14	10	< 1	0.02	< 10
SX 210018	201	229	20	370	140	0.2	4.27	2	50	< 0.5	< 2	0.13	< 0.5	9	52	716	6.26	10	< 1	0.01	< 10
SX 210019	201	229	44	340	110	0.2	6.59	8	10	< 0.5	< 2	0.11	< 0.5	6	61	230	5.88	10	< 1	0.01	< 10
SX 210329	201	229	20	6	5	0.2	2.51	14	50	< 0.5	< 2	0.99	< 0.5	20	48	96	4.19	10	< 1	0.04	10
SX 210330	203	205	2	2	5	0.2	2.61	130	30	< 0.5	< 2	0.50	0.5	18	44	48	4.80	10	< 1	0.07	10

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

Project: APP-SX
 Comments: CC: C. BELL

Page Number :1-B
 Total Pages :1
 Certificate Date: 30-JUN-93
 Invoice No. :19316093
 P.O. Number :
 Account :AN

CERTIFICATE OF ANALYSIS A9316093

SAMPLE	PREP CODE	Mg %	Mn ppm	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
SX 210014	201 229	0.53	370	1	< 0.01	771	330	4	< 2	2	6	0.07	< 10	< 10	50	< 10	38
SX 210015	201 229	0.41	180	3	< 0.01	215	220	12	< 2	2	10	0.14	< 10	< 10	115	< 10	36
SX 210016	203 205	0.39	165	< 1	0.02	22	190	2	< 2	3	11	0.23	< 10	< 10	120	< 10	40
SX 210017	201 229	0.23	190	1	0.01	79	270	4	< 2	3	9	0.11	< 10	< 10	90	< 10	34
SX 210018	201 229	0.21	130	1	0.01	231	420	4	< 2	6	16	0.14	< 10	< 10	87	< 10	36
SX 210019	201 229	0.18	120	1	0.01	98	490	2	< 2	12	6	0.21	< 10	< 10	107	< 10	34
SX 210329	201 229	1.33	750	< 1	0.01	23	710	< 2	< 2	9	31	0.22	< 10	< 10	103	< 10	66
SX 210330	203 205	0.97	980	1	0.02	19	590	14	2	9	21	0.08	< 10	< 10	80	10	114

CERTIFICATION:

Hart Buehler



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

A9316094

Comments: CC: C. BELL

CERTIFICATE

A9316094

ANALYTICAL PROCEDURES

ARNEX RESOURCES LIMITED

Project: APP-RX
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 30-JUN-93.

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
975	6	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
977	6	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	6	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
2118	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	6	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	6	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	6	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	6	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	6	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	6	Geochem ring to approx 150 mesh
274	6	0-15 lb crush and split
229	6	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.



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

Project : APP-RX
Comments: CC: C. BELL

Page Number :1-A
Total Pages :1
Certificate Date: 30-JUN-93
Invoice No. :19316094
P.O. Number :
Account :AN

CERTIFICATE OF ANALYSIS A9316094

SAMPLE	PREP CODE		Au ppb	Pd ppb	Pt 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
			AFS	AFS	AFS																
RX 223224	205	274	88	630	195	< 0.2	6.11	4	< 10	1.0	< 2	0.12	< 0.5	38	187	3800	12.00	< 10	< 1	< 0.01	< 10
RX 223225	205	274	130	2700	730	2.4	2.40	10	< 10	< 0.5	< 2	0.39	< 0.5	154	613	>10000	9.19	< 10	< 1	< 0.01	< 10
RX 223226	205	274	< 2	20	5	< 0.2	2.51	< 2	980	< 0.5	< 2	1.06	< 0.5	8	26	182	2.48	10	< 1	0.13	< 10
RX 223227	205	274	54	440	90	< 0.2	2.90	< 2	160	< 0.5	< 2	3.57	< 0.5	53	20	1325	3.38	< 10	< 1	0.08	< 10
RX 223228	205	274	220	5130	1520	< 0.2	3.90	62	< 10	< 0.5	< 2	0.19	< 0.5	655	281	7920	>15.00	< 10	< 1	< 0.01	< 10
RX 223229	205	274	84	2020	580	< 0.2	2.86	20	< 10	< 0.5	< 2	0.54	< 0.5	138	614	3820	5.75	< 10	< 1	< 0.01	< 10

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

Project: APP-RX
Comments: CC: C. BELL

Page Number :1-B
Total Pages :1
Certificate Date: 30-JUN-93
Invoice No. : I9316094
P.O. Number :
Account : AN

CERTIFICATE OF ANALYSIS A9316094

SAMPLE	PREP CODE		Mg	Mn	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	ppm
RX 223224	205	274	5.75	1220	< 1	0.01	1850	< 10	< 2	< 2	4	2	0.08	< 10	< 10	24	< 10	68
RX 223225	205	274	3.90	390	< 1	0.05	1560	< 10	< 2	< 2	3	4	0.10	< 10	10	52	30	106
RX 223226	205	274	1.85	515	< 1	0.05	402	240	< 2	< 2	3	31	0.14	< 10	10	12	< 10	34
RX 223227	205	274	1.68	530	< 1	0.08	2920	190	< 2	< 2	2	24	0.07	< 10	< 10	6	< 10	48
RX 223228	205	274	4.00	825	< 1	0.02	>10000	< 10	< 2	< 2	3	3	0.04	120	10	29	< 10	126
RX 223229	205	274	4.49	345	< 1	0.07	6020	80	< 2	2	3	8	0.12	20	< 10	51	20	70

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

A9317273

Comments: CC: C. BELL

CERTIFICATE

A9317273

ARNEX RESOURCES LIMITED

Project: APP-RX
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 31-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	2	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	1	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0
1056	1	Cu %: Fusion - ICP-AES	Fusion - ICP-AES	0.02	20.0
1057	1	Ni %: Fusion - ICP-AES	Fusion - ICP-AES	0.02	20.0
1058	1	Co %: Fusion - ICP-AES	Fusion - ICP-AES	0.01	10.00
1059	1	S %: Leco induction furnace	LECO-IR DETECTOR	0.02	40.0
1060	1	Fe %: Fusion - ICP-AES	Fusion - ICP-AES	0.1	100.0
1061	1	As %: Fusion - ICP-AES	Fusion - ICP-AES	0.01	10.00



Chemex Labs Ltd.

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

To: ARNEX RESOURCES LIMITED

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

Project: APP-RX
Comments: CC: C. BELL

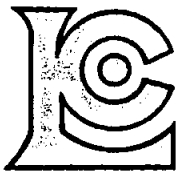
Page Number :1
Total Pages :1
Certificate Date: 31-JUL-93
Invoice No. :19317273
P.O. Number :
Account :AN

CERTIFICATE OF ANALYSIS

A9317273

SAMPLE	PREP CODE	Cu %	Cu %	Ni %	Co %	S % (Leco)	Fe %	As %			
RX 223225	244 --	2.02	-----	-----	-----	13.10	20.9	< 0.01			
RX 223228	244 --	-----	0.77	1.73	0.08						

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
 ATTN: CAM BELL
 2690 - 666 BURRARD ST.
 VANCOUVER, BC
 V6C 2X8

A9316169

Comments: ATTN: C. BELL

CERTIFICATE

A9316169

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: 60555
 P.O. #:

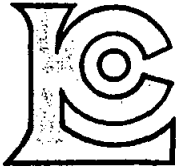
Samples submitted to our lab in Vancouver, BC.
 This report was printed on 5-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	4	Assay ring to approx 150 mesh
274	4	0-15 lb crush and split
233	4	Assay AQ ICP digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
984	4	Pt oz/T - part. cupel. FA-ICP	FA-ICP-ARRAY	0.002	10.00
985	4	Pd oz/T - part. cupel. FA-ICP	FA-ICP-ARRAY	0.002	10.00
986	4	Au oz/T - part. cupel. FA-ICP	FA-ICP-ARRAY	0.001	2.50
988	4	Rh oz/T - part. cupel. FA-ICP	FA-ICP-ARRAY	0.001	5.00
1056	4	Cu %: Fusion - ICP-AES	Fusion - ICP-AES	0.02	20.0
1057	4	Ni %: Fusion - ICP-AES	Fusion - ICP-AES	0.02	20.0
1058	4	Co %: Fusion - ICP-AES	Fusion - ICP-AES	0.01	10.00
1059	4	S %: Leco induction furnace	LECO-IR DETECTOR	0.02	40.0
1060	4	Fe %: Fusion - ICP-AES	Fusion - ICP-AES	0.1	100.0
1061	4	As %: Fusion - ICP-AES	Fusion - ICP-AES	0.01	10.00
1005	4	Ag ppm: 9 element, soil and rock	ICP-AES	0.5	200
1929	4	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	4	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1932	4	Fe %: 9 element, soil & rock	ICP-AES	0.01	15.00
1937	4	Mn ppm: 9 element, soil & rock	ICP-AES	5	10000
1938	4	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	4	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	4	Pb ppm: 9 element, soil and rock	ICP-AES	5	10000
1950	4	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: CAM BELL
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Page Number : 1
Total Pages : 1
Certificate Date: 05-JUL-93
Invoice No. : 19316169
P.O. Number :
Account : KPJB

Project : 60555
Comments: ATTN: C. BELL

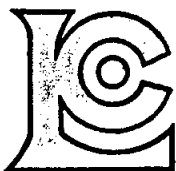
CERTIFICATE OF ANALYSIS

A9316169

SAMPLE	PREP CODE		Pt	Pd	Au	Rh	Cu	Ni	Co	S %	Fe	As	Ag	Co	Cu	Fe	Mn	Mo	Ni	Pb	Zn
	oz/T	oz/T	oz/T	oz/T	oz/T	oz/T	%	%	% (Leco)	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RX224001	208	274	0.024	0.166	0.004	< 0.004	1.90	1.58	0.04	8.93	15.1	< 0.01	< 0.5	450	>10000	13.30	500	< 1	>10000	4	306
RX224003	208	274	0.054	0.162	0.012	< 0.003	3.48	1.00	0.05	12.00	18.3	< 0.01	1.0	507	>10000	>15.00	415	< 1	9480	10	244
RX224004	208	274	0.048	0.180	0.006	0.003	0.46	3.12	0.09	15.50	21.6	< 0.01	< 0.5	802	4810	>15.00	920	< 1	>10000	4	202
RX224005	208	274	0.170	0.760	0.009	0.012	0.24	10.10	0.21	41.4	36.9	0.08	< 0.5	2060	2470	>15.00	65	< 1	>10000	< 2	402

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: CAM BELL
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

A9316170

Comments: ATTN: C. BELL

CERTIFICATE

A9316170

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: 60555
P.O. #:

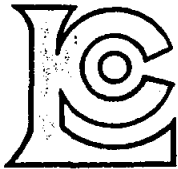
Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	4	Pulp; prepped on other workorder
200	4	Whole rock fusion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	4	Al2O3 %: Whole rock	ICP-AES	0.01	99.99
588	4	CaO %: Whole rock	ICP-AES	0.01	99.99
590	4	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	4	Fe2O3(total) %: Whole rock	ICP-AES	0.01	100.00
821	4	K2O %: Whole rock	ICP-AES	0.01	99.99
593	4	MgO %: Whole rock	ICP-AES	0.01	99.99
596	4	MnO %: Whole rock	ICP-AES	0.01	99.99
599	4	Na2O %: Whole rock	ICP-AES	0.01	99.99
597	4	P2O5 %: Whole rock	ICP-AES	0.01	99.99
592	4	SiO2 %: Whole rock	ICP-AES	0.01	99.99
595	4	TiO2 %: Whole rock	ICP-AES	0.01	99.99
475	4	L.O.I. %: Loss on ignition	FURNACE	0.01	99.99
540	4	Total %	CALCULATION	0.01	105.00
891	4	Ba ppm		10	10000
973	4	Nb ppm	ICP	10	10000
1067	4	Rb ppm		5	10000
898	4	Sr ppm		10	10000
974	4	Y ppm	ICP	10	10000
978	4	Zr ppm	ICP	10	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: CAM BELL
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : 60555
Comments: ATTN: C. BELL

Page Number :1
Total Pages :1
Certificate Date: 07-JUL-93
Invoice No. :19316170
P.O. Number :
Account :KPJB

CERTIFICATE OF ANALYSIS

A9316170

SAMPLE	PREP		Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	LOI	TOTAL	Ba	Nb	Rb	Sr	Y	Zr
	CODE		%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
RX224001	299	200	8.43	5.47	0.17	21.70	0.11	16.30	0.17	0.62	0.09	32.40	0.38	9.93	95.77	10	< 10	< 5	40	10	20
RX224003	299	200	7.91	4.96	0.14	25.70	0.07	13.51	0.15	0.58	0.10	29.18	0.34	10.57	93.21	< 10	< 10	< 5	10	10	10
RX224004	299	200	9.43	1.51	< 0.01	30.70	0.07	7.57	0.15	0.59	< 0.01	28.03	0.17	15.03	93.27	10	< 10	< 5	30	10	110
RX224005	299	200	0.29	0.05	< 0.01	50.80	0.02	0.23	< 0.01	< 0.01	< 0.01	1.42	< 0.01	32.83	85.69	70	< 10	< 5	< 10	< 10	< 10

CERTIFICATION:

Hart Buchler



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

2650-066 BURNARD ST.
 VANCOUVER, BC
 V6C 2X8

A9316173

Comments: ATTN: C. BELL

CERTIFICATE

A9316173

INCO EXPLORATION AND TECHNICAL SERVICES INC.

Project: 60555
 P.O.#:

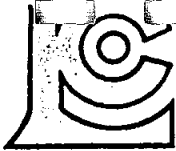
Samples submitted to our lab in Vancouver, BC.
 This report was printed on 5-JUL-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	5	Assay ring to approx 150 mesh
274	5	0-15 lb crush and split
200	5	Whole rock fusion
229	5	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	5	Al2O3 %: Whole rock	ICP-AES	0.01	99.99
588	5	CaO %: Whole rock	ICP-AES	0.01	99.99
590	5	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	5	Fe2O3(total) %: Whole rock	ICP-AES	0.01	100.00
821	5	K2O %: Whole rock	ICP-AES	0.01	99.99
593	5	MgO %: Whole rock	ICP-AES	0.01	99.99
596	5	MnO %: Whole rock	ICP-AES	0.01	99.99
599	5	Na2O %: Whole rock	ICP-AES	0.01	99.99
597	5	P2O5 %: Whole rock	ICP-AES	0.01	99.99
592	5	SiO2 %: Whole rock	ICP-AES	0.01	99.99
595	5	TiO2 %: Whole rock	ICP-AES	0.01	99.99
475	5	L.O.I. %: Loss on ignition	FURNACE	0.01	99.99
540	5	Total %	CALCULATION	0.01	105.00
891	5	Ba ppm		10	10000
973	5	Nb ppm	ICP	10	10000
1067	5	Rb ppm		5	10000
898	5	Sr ppm		10	10000
974	5	Y ppm	ICP	10	10000
978	5	Zr ppm	ICP	10	10000
1005	5	Ag ppm: 9 element, soil and rock	ICP-AES	0.5	200
1929	5	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	5	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1932	5	Fe %: 9 element, soil & rock	ICP-AES	0.01	15.00
1937	5	Mn ppm: 9 element, soil & rock	ICP-AES	5	10000
1938	5	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	5	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	5	Pb ppm: 9 element, soil and rock	ICP-AES	5	10000
1950	5	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000



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

26 66 BL RD S
 VANCOUVER, BC
 V6C 2X8

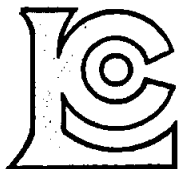
Date: 5-JUL
 Invoice No.: 19316173
 P.O. Number:
 Account: KPJB

Project: 60555
 Comments: ATTN: C. BELL

CERTIFICATE OF ANALYSIS A9316173

SAMPLE	PREP CODE	Nb ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
RX224002	208 274	< 10	10	380	< 10	220	0.5	49	5980	2.20	200	< 1	1680	2	40
RX224006	208 274	< 10	30	490	20	170	< 0.5	25	1005	2.46	485	< 1	714	2	38
RX224007	208 274	< 10	15	330	20	70	< 0.5	13	54	2.58	680	< 1	37	4	52
RX224008	208 274	< 10	< 5	160	20	30	< 0.5	18	120	1.98	320	< 1	103	< 2	22
RX224009	208 274	< 10	20	90	10	10	< 0.5	17	20	1.51	305	< 1	147	< 2	18

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: CAM BELL
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : 60555
Comments: ATTN: C. BELL

Page Number :1-A
Total Pages :1
Certificate Date: 05-JUL-93
Invoice No. :19316173
P.O. Number :
Account :KJPB

CERTIFICATE OF ANALYSIS A9316173

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Ba ppm
RX224002	208 274	13.06	2.59	0.03	3.31	0.68	0.83	0.03	3.62	0.15	74.25	0.19	1.94	100.70	780
RX224006	208 274	21.59	8.76	0.03	4.15	1.27	2.19	0.09	5.78	0.13	50.93	0.27	5.00	100.20	450
RX224007	208 274	16.84	8.65	0.11	9.13	0.82	5.79	0.31	3.91	0.26	52.00	0.68	2.79	101.30	180
RX224008	208 274	14.88	10.25	0.16	11.44	0.20	12.86	0.18	1.92	0.16	44.14	0.62	2.47	99.28	40
RX224009	208 274	15.99	10.99	0.25	8.09	0.83	14.37	0.16	1.26	0.12	45.40	0.26	2.76	100.50	60

CERTIFICATION: *Hart Buchler*



ACTIVATION LABORATORIES LTD

Invoice No.: 5219
 Work Order: 5288
 Invoice Date: 08-JUL-93
 Date Submitted: 29-JUN-93
 Your Reference: PROJ#60555
 Account Number: 77

INCO EXPLORATION-COPPER CLIFF
 FIELD EXPLORATION BUILDING
 HIGHWAY 17 WEST
 COPPER CLIFF, ONT
 POM 1NO
 ATTN: HERB MACKOWIAK

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	100.	PPM
BR	1.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
CS	2.	PPM	FE	0.01	%	HF	0.5	PPM	HG	1.	PPM
IR	5.	PPB	MO	5.	PPM	NA	100.	PPM	NI	50.	PPM
RB	30.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	5.	PPM
SN	0.01	%	SR	0.05	%	TA	1.	PPM	TH	0.5	PPM
U	0.5	PPM	W	4.	PPM	ZN	50.	PPM	LA	0.5	PPM
CE	3.	PPM	ND	5.	PPM	SM	0.1	PPM	EU	0.2	PPM
TB	0.5	PPM	YB	0.2	PPM	LU	0.05	PPM			

CERTIFIED BY :

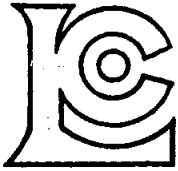
Ingrid Hengemuhle
 per DR. ERIC L. HOFFMAN

Activation Laboratories Ltd. Work Order: 5288 Report: 5219

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
RX 224002	66	<5	<2	760	<1	2	46	180	<2	2.30	3.3	<1	<5	<5	26300	1900	<30	0.4	3.8	<5	<0.01	<0.05	<1	<0.5
RX 224006	143	<5	2	410	<1	6	25	20	<2	2.95	5.0	<1	<5	<5	42200	850	44	0.4	6.0	<5	<0.01	0.08	<1	3.2
RX 224007	5	<5	2	200	<1	6	26	87	2	6.27	2.3	<1	<5	<5	26600	<50	<30	<0.2	33	<5	<0.01	<0.05	<1	0.9
RX 224008	5	<5	<2	<100	<1	7	68	620	<2	8.51	1.2	<1	<5	<5	13700	430	<30	<0.2	46	<5	<0.01	<0.05	<1	<0.5
RX 224009	<5	<5	<2	<100	<1	7	56	1300	<2	5.72	0.6	<1	<5	<5	8520	560	35	<0.2	34	<5	<0.01	<0.05	<1	<0.5
RX 51041	20	<5	11	3200	<1	<1	6	120	<2	2.42	3.3	<1	<5	<5	5420	<50	42	0.5	5.4	<5	<0.01	<0.05	<1	4.2
RX 51042	73	<5	6	10000	<1	1	6	74	<2	2.37	5.4	<1	<5	<5	22800	<50	35	0.4	7.1	<5	<0.01	<0.05	<1	6.1
RX 51043	<5	<5	12	1600	<1	<1	7	93	<2	1.84	3.2	<1	<5	8	5270	120	46	0.5	7.9	<5	<0.01	<0.05	<1	4.5

Activation Laboratories Ltd. Work Order: 5288 Report: 5219

Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
RX 224002	<0.5	<4	66	3.2	9	<5	1.1	0.5	<0.5	1.3	0.20	1.074
RX 224006	<0.5	<4	90	17.1	38	12	3.1	0.6	0.6	3.0	0.51	1.095
RX 224007	0.7	<4	180	7.7	17	9	2.7	0.8	0.6	2.2	0.36	1.585
RX 224008	<0.5	<4	160	1.1	6	<5	1.5	0.7	<0.5	2.3	0.35	1.292
RX 224009	<0.5	<4	120	0.7	4	<5	0.6	0.3	<0.5	1.2	0.19	1.718
RX 51041	2.0	<4	72	12.7	29	10	1.9	0.7	0.6	1.6	0.27	0.8110
RX 51042	2.9	<4	100	19.7	41	12	3.0	1.0	0.6	2.5	0.41	1.087
RX 51043	2.5	<4	93	15.0	29	10	1.7	0.6	<0.5	1.8	0.28	1.126



Chemex Labs Ltd.

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

To: INCO EXPLORATION AND TECHNICAL SERVICES INC.
ATTN: CAM BELL
2690 - 666 BARRARD ST.
VANCOUVER, BC
V6C 2X8

Page Number : 1-A
Total Pages : 1
Certificate Date: 05-JUL-93
Invoice No. : 19316173
P.O. Number :
Account : KPJB

Project : 60555
Comments: ATTN: C. BELL

CERTIFICATE OF ANALYSIS A9316173

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Ba ppm
RX224002	208 274	13.06	2.59	0.03	3.31	0.68	0.83	0.03	3.62	0.15	74.25	0.19	1.94	100.70	780
RX224006	208 274	21.59	8.76	0.03	4.15	1.27	2.19	0.09	5.78	0.13	50.93	0.27	5.00	100.20	450
RX224007	208 274	16.84	8.65	0.11	9.13	0.82	5.79	0.31	3.91	0.26	52.00	0.68	2.79	101.30	180
RX224008	208 274	14.88	10.25	0.16	11.44	0.20	12.86	0.18	1.92	0.16	44.14	0.62	2.47	99.28	40
RX224009	208 274	15.99	10.99	0.25	8.09	0.83	14.37	0.16	1.26	0.12	45.40	0.26	2.76	100.50	60

CERTIFICATION: *Hart Buchler*

APPENDIX V

BIBLIOGRAPHY

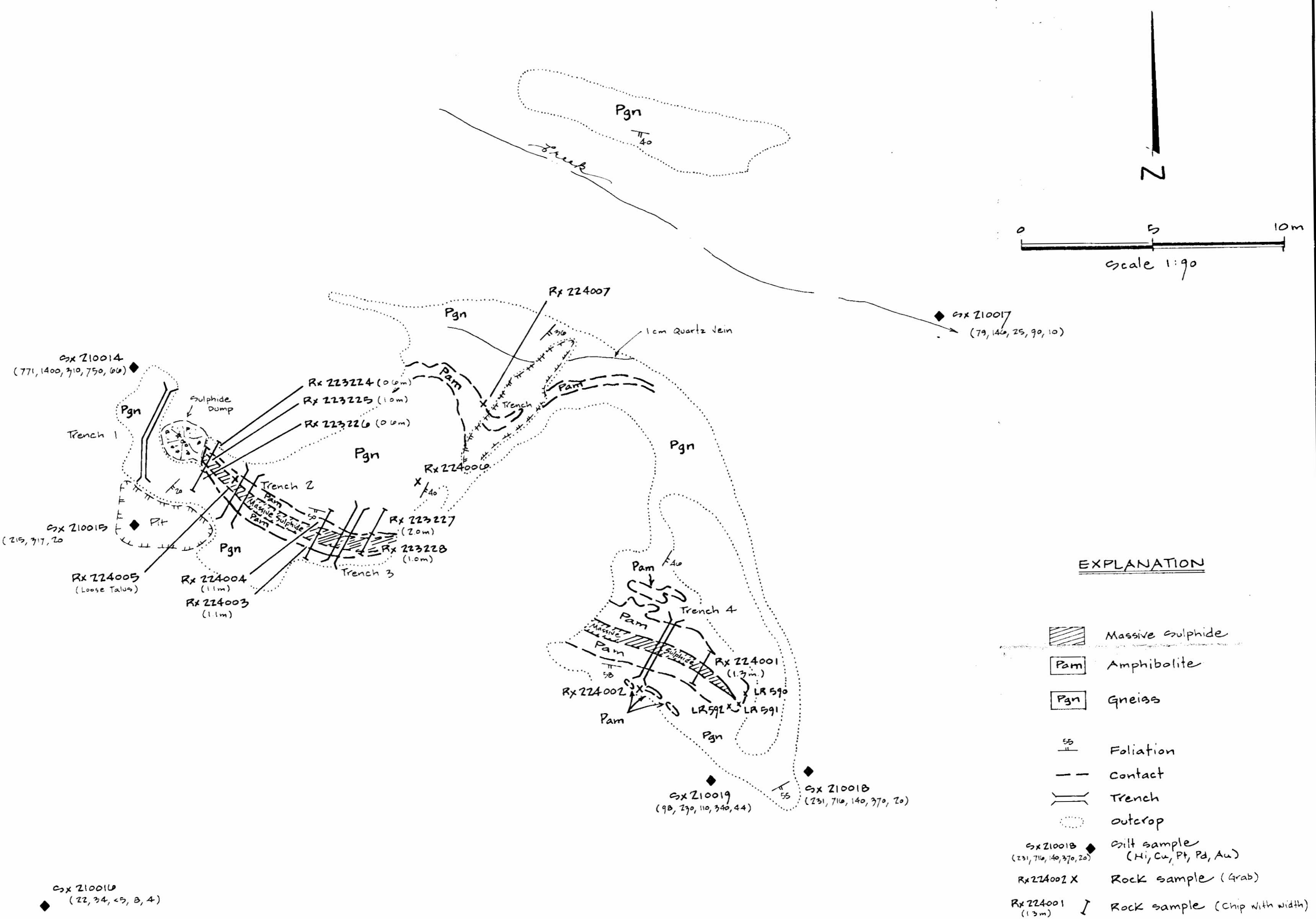
SELECTED REFERENCES

APPENDIX V

BIBLIOGRAPHY

SELECTED REFERENCES

- Birkeland, A.O., (1992) Geological and Geochemical Assessment Report, Deer Bay Property
- Carsan, D.J.T., (1973) Plutonic Rocks of Vancouver Island, GSC Paper 72-44.
- EMPR MINFILE, (1990): 092F - Albernie.
- EMPR AR 1898, 1899, 1902, 1916, 1955, 1961, 1966, 1967
- EMPR GEM 1969
- EMPR EXPL 1972, 1973, 1974, 1980, 1986, 1987
- EMPR ASS RT 8106, 8138, 14807, 16220, 17284, 18751
- Matysek, P.F., Gravel, J.L. Jackanun, W., Feulgen, S., (1990): NTS 92F - Albernie, MEMPR BC RGS 25, GSC O.F. 2183.
- Muller, J.E. (1977): Geology of Vancouver Island, GSC O.F. 463.
- Muller, J.E. (1980): The Paleozoic Sicker Group of Vancouver Island, GSC Paper 79-30.
- Muller, J.E., Carson, D.J.T., (1968): Geology and Mineral Deposits of Albernie Map Area, GSC Paper 68-50.
- Roddick, J.A., Muller, J.E., and Okulitch, A.V. (1979): Frazer River, Sheet 92, GSC Map 1386A.
- Sutherland Brown, A., (1988): Mineral Inventory of the Albernie Region, EMPR OF 1988-24.
- Wheeler, J.O., McFeely, P., (1991): Tectonic Assemblage Map, GSC Map 1712A.
- Wilton, P. (1989): Sicker Group Workshop and Personal Communication, B.C.G.S.
- C:\DOC\DBPB2.DOC



EXPLANATION

- Massive sulphide
- Amphibolite
- Gneiss
- Foliation
- contact
- Trench
- outcrop
- Silt sample (Ni, Cu, Pt, Pd, Au)
- Rock sample (Grab)
- Rock sample (Chip with width)

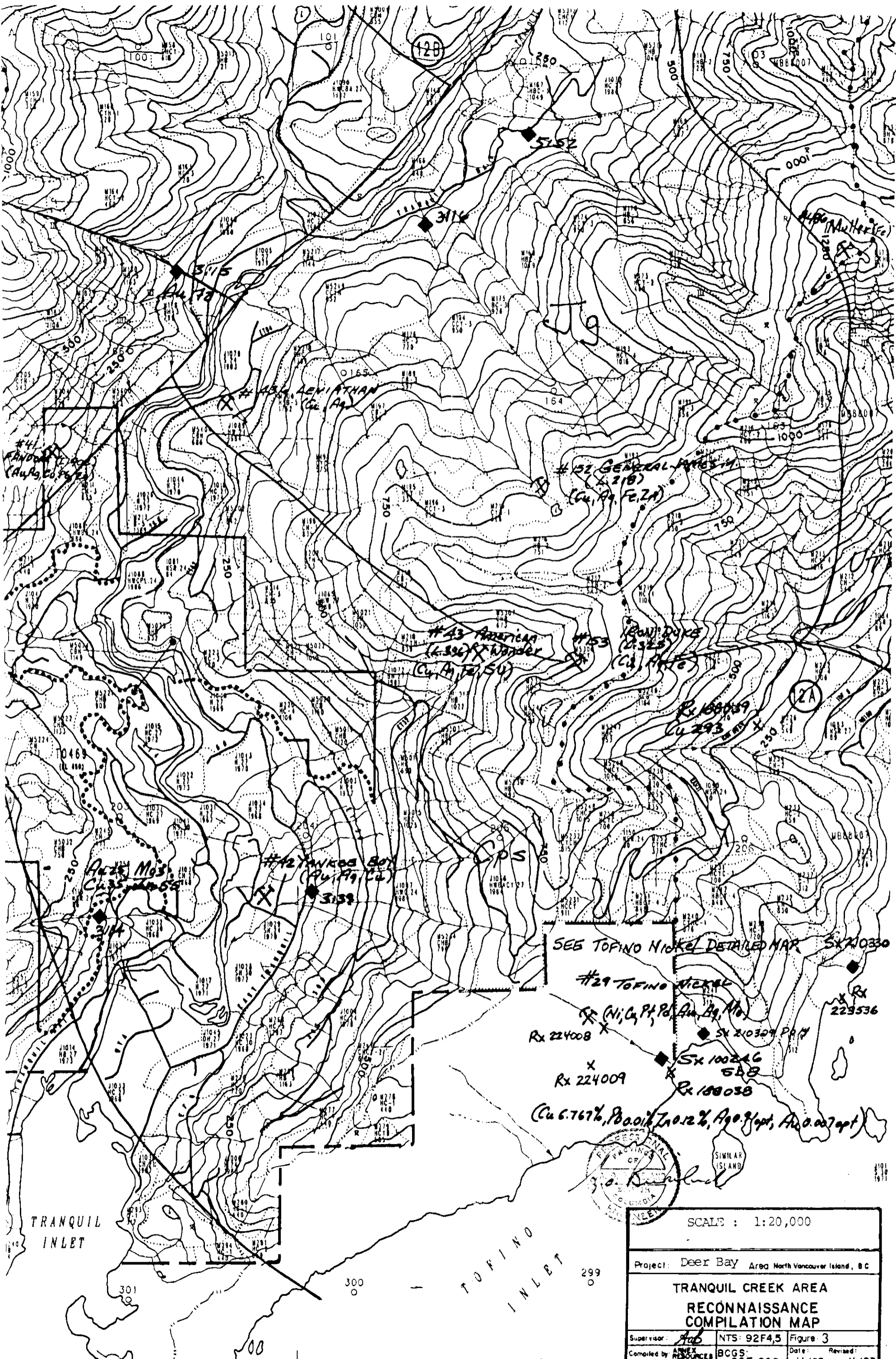
Sample No.	Ni ppm	Ni %	Cu ppm	Cu %	PT ppm	Pd ppm	Ag ppm
LR 590	49800	4.60	1860	.20	980	5700	130
LR 591	46700	5.00	5230	.52	2700	10000	240
LR 592	16100	1.60	9100	.93	1200	5400	170
Rx 224001	>10,000	1.58	>10,000	1.90	0.024 oz/t	0.166 oz/t	0.004 oz/t
Rx 224002	1680	-	5980	-	-	-	-
Rx 224003	9480	1.00	>10,000	3.48	0.054 oz/t	0.162 oz/t	0.012 oz/t
Rx 224004	>10,000	3.12	4810	0.46	0.048 oz/t	0.180 oz/t	0.006 oz/t
Rx 224005	>10,000	10.10	2470	0.24	0.170 oz/t	0.760 oz/t	0.009 oz/t
Rx 224006	714	-	1005	-	-	-	-
Rx 224007	37	-	54	-	-	-	-
Rx 223224	1850	-	3800	-	195	630	88
Rx 223225	1560	-	>10,000	-	730	2700	130
Rx 223226	402	-	182	-	5	20	<2
Rx 223227	2920	-	1325	-	90	440	54
Rx 223228	>10,000	-	7920	-	1520	5730	220
Rx 223229	6020	-	3820	-	580	2020	84

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,283

A.O. [Signature]

ARNEX RESOURCES LTD.			
Project	APP	Area	Northern Vancouver Island
DEER BAY PROPERTY GEOLOGY and GEOCHEMISTRY MAIN SHOWING			
Supervisor	A.B.	NTS	92 F/4
Compiled by	Arnex Resources Ltd.	BCGS	Date drawn
			Figure 4
			Revised 11/93



SCALE : 1:20,000		
Project: Deer Bay Area North Vancouver Island, B.C.		
TRANQUIL CREEK AREA RECONNAISSANCE COMPILATION MAP		
Supervisor: <i>Yub</i>	NTS: 92F45	Figure: 3
Compiled by: <i>RESOURCES LTD.</i>	BCGS: 92F 022	Date: 11/92 Revised: 11/93