



[ARIS11A]

ARIS Summary Report

Regional Geologist, Smithers

Date Approved:

1999.05.17

Off Confidential:

1999.11.06

ASSESSMENT REPORT: 35602

Mining Division(s):

Sierra

Property Name: Ecotail North

Location: NAD 27 Latitude: 53 58 00
NAD 83 Latitude: 53 57 50
NTS: 103H14E 103J04E

Longitude: 126 35 00 UTM: 09 5979754 481731
Longitude: 126 35 00 UTM: 09 5979241 481823

Camp:

Claim(s): Tia 1-5, BFC 1-4, Big 1-5, IVF 1-2

Operator(s): Bishop Resources Inc.
Author(s): Birkland, Arne O.

Report Year: 1999

No. of Pages: 65 Pages

Commodities Searched For: Zinc, Copper, Lead, Gold, Silver

General Work Categories: GEOC

ROCK Rock (21 sample(s))
Elements Analyzed For: Multielement
SILT SK (106 sample(s))
Elements Analyzed For: Multielement

Keywords: Amphibolites, Crataceous, Marble, Metachert, Palaeozoic, Quartz diorite, Ecotail pluton

Statement Nos.: 3127127, 3127130, 3127122

MINFILE Nos.:

Related Reports:

ASSESSMENT REPORT

**ROCK AND STREAM SEDIMENT GEOCHEMISTRY
RECONNAISSANCE PROGRAM**

ON THE

**BIG, SCOTIA SOUTH AND ECSTALL NORTH CLAIM GROUPS,
SOUTH SCOTIA RIVER AREA
SKEENA MINING DIVISION, BRITISH COLUMBIA**

**NTS: 103I/4E, 103H/4E
LAT: 129°30' N LONG: 53°55' W**

REPORT FOR OWNER

BISHOP RESOURCES INC.

REPORT BY

Arne Birkeland, P. Eng., ARNEX RESOURCES LTD.

REPORT DATED

January 18, 1999

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

Scotia\scotiaarr199902.doc

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ROCK AND STREAM SEDIMENT GEOCHEMISTRY RECONNAISSANCE PROGRAM SOUTH SCOTIA RIVER AREA

1. SUMMARY

In the fall of 1997, Arnex Resources Ltd. conducted a diamond drill program for Bishop Resources Inc. on the Albare Zone on the Scotia 1 and 2 claims which are under option from Falconbridge Limited, with encouraging results. A regional grassroots reconnaissance program was then carried out by Arnex for Bishop recognizing that a potential Volcanogenic Massive Sulphide ("VMS") belt was hosted in the Scotia - Quall Metamorphic Complex between the Scotia property in the north and the Ecstall VMS belt in the south. Extensive claims were staked based on positive results.

The objective of the 1998 program was to conduct assessment work on the newly staked South Scotia claim blocks while at the same time, acquire additional valuable data for Bishop by following up targets indicated by the 1997 program.

Prospecting and geochemical stream silt and rock chip sampling were conducted by a helicopter supported two-person crew in approximately 25 creek drainages over a 5 km by 17 km area at a cost of \$20,306.43.

Several areas returned anomalous stream sediment results for one or more of the elements: zinc, copper, lead, silver, gold and barium, which are indicative of VMS-type deposits. Significant results were also obtained from rock chip samples of base metal sulfide float and from outcrop.

Stream sediment sampling returned strongly anomalous Cu, Zn, Au, Ag and Ba values from a tributary stream of the Ecstall River located in the center of the IYF 1 claim. The area is underlain by the Pv volcanic unit that hosts the Ecstall Massive sulphide deposit located 6 km on strike to the south. Disseminated and semi massive sulphide mineralization occurs in float and as small showings in outcrop in the creek bed. Helicopter supported intensive prospecting, geologic mapping and geochemical sampling are recommended as a highest priority.

A pyritic, felsic meta-volcanic unit (pyritic rhyolite?) outcrops on the north bluffs of Big Falls Creek on the Big 2 claim. Abundant pyrite and minor amounts of sphalerite, chalcopryrite and galena disseminations and veinlets were observed in the felsic unit over a + 1 km distance. It is believed that this felsic unit is the same unit that is associated with the Ecstall deposits on strike to the south and the Scotia deposit that is located on the western limb of a regional anticlinorium to the north. The Big Falls felsic unit should be prospected, mapped and sampled in detail, including to the west where footwall mafic volcanic rocks were mineralized with pyrite. This is a second order priority target.

In a north trending drainage at the contact between Pv volcanics and Ps sediments in a tributary creek of Big Falls Creek named "No Creeks", base and precious metal anomalous values were encountered in both sediment and creek float sampling. A favourable geological setting is indicated and additional prospecting and detailed sampling is recommended as a second order priority.

Additional grassroots reconnaissance stream sediment sampling and prospecting are required on the Tia North Claims to further delineate targets that may be associated with a gossanous pyritic felsic volcanic unit that outcrops in a steep cliff face for several kilometres along the west side of a steep glacial valley.

The results of the 1998 stream sediment sampling and geological reconnaissance program indicate excellent potential for the discovery of additional VMS-type deposits on claims held by Bishop Resources Inc.

2. INTRODUCTION

A diamond drill exploration program was carried out on the Scotia Deposit by Arnex Resources Ltd. for Bishop Resources Inc. in the summer and fall of 1997. Based on encouraging results, and recognizing from newly released GSC geological mapping that a massive sulphide belt was present that contains both the Ecstall and Scotia districts, a reconnaissance geochemical survey was carried out to test the potential for additional VMS deposits in the Scotia-Quaal metamorphic complex between the Skeena and Ecstall Rivers. This program was carried out in the Scotia River area from October 29 to November 11, 1997 by a four-person field crew under the direction of Arnex Resources Ltd. on behalf of Bishop Resources Inc.

The 1997 program discovered anomalies and showings, and extensive staking was done to the north and to the south of the Scotia Prospect. A follow-up prospecting, stream sediment and rock chip sampling reconnaissance program was conducted on the southern claim blocks in 1998 and is the subject of this report. The helicopter supported program was conducted between November 5th and 11th, 1998 by a two man crew consisting of Arne O. Birkeland, P.Eng. and Stan Seney, an experienced geo-tech assistant. Expenditures totaled \$20,306.43 as itemized in Appendix B, Statement of Expenditures.

The objective of the 1998 program was to conduct assessment work on the southern claim blocks while at the same time, acquire additional valuable data for Bishop by following up targets indicated by the 1997 program.

Inclement weather conditions consisting of heavy precipitation and periods of zero visibility hampered the 1998 program, and two days were lost altogether because of bad flying conditions. In addition, steep topography and precipitous terrain combined with very high creek levels because of record rainfall limited the number of stream sediment samples that could be taken.



BISHOP RESOURCES INC.

Scotia Project

**Property Location Map -
British Columbia**

Date: December 22, 1997

Figure No: 3-1

Drawn for Arnex Resources Ltd. by:
Great Bear Geological Services Inc.

Prospecting and sampling were conducted in approximately 25 creek drainages over a 5 km by 17 km area, and a total of 106 stream sediment samples and 21 rock chip samples were taken during the 1998 program.

3. PROPERTY INFORMATION

3.1. Location and Access

The Scotia River area is located approximately 40 km southeast of Prince Rupert in west central British Columbia (Figure 3-1). The area of interest lies within a belt of metavolcanic and metasedimentary rock trending approximately north-south between the Skeena River to the north and the Ecstall River to the south (Figure 3-2). Access is by helicopter from Prince Rupert or by barge from Kwinitas on the north shore of the Skeena

River to the Scotia River logging camp on the south shore of the Skeena River, owned by Interfor (International Forest Products) and operated by Bear Creek Contracting of Terrace, BC (Figure 3-2). Barge access must be arranged in advance with Bear Creek Contracting. Extensive logging roads provide 4x4 truck access to many tributaries of both the Scotia and Ecstall Rivers. A Jet Ranger 206-B helicopter was chartered from Vancouver Island Helicopters for the 1998 program.

3.2. Property Description and Ownership

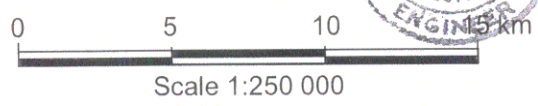
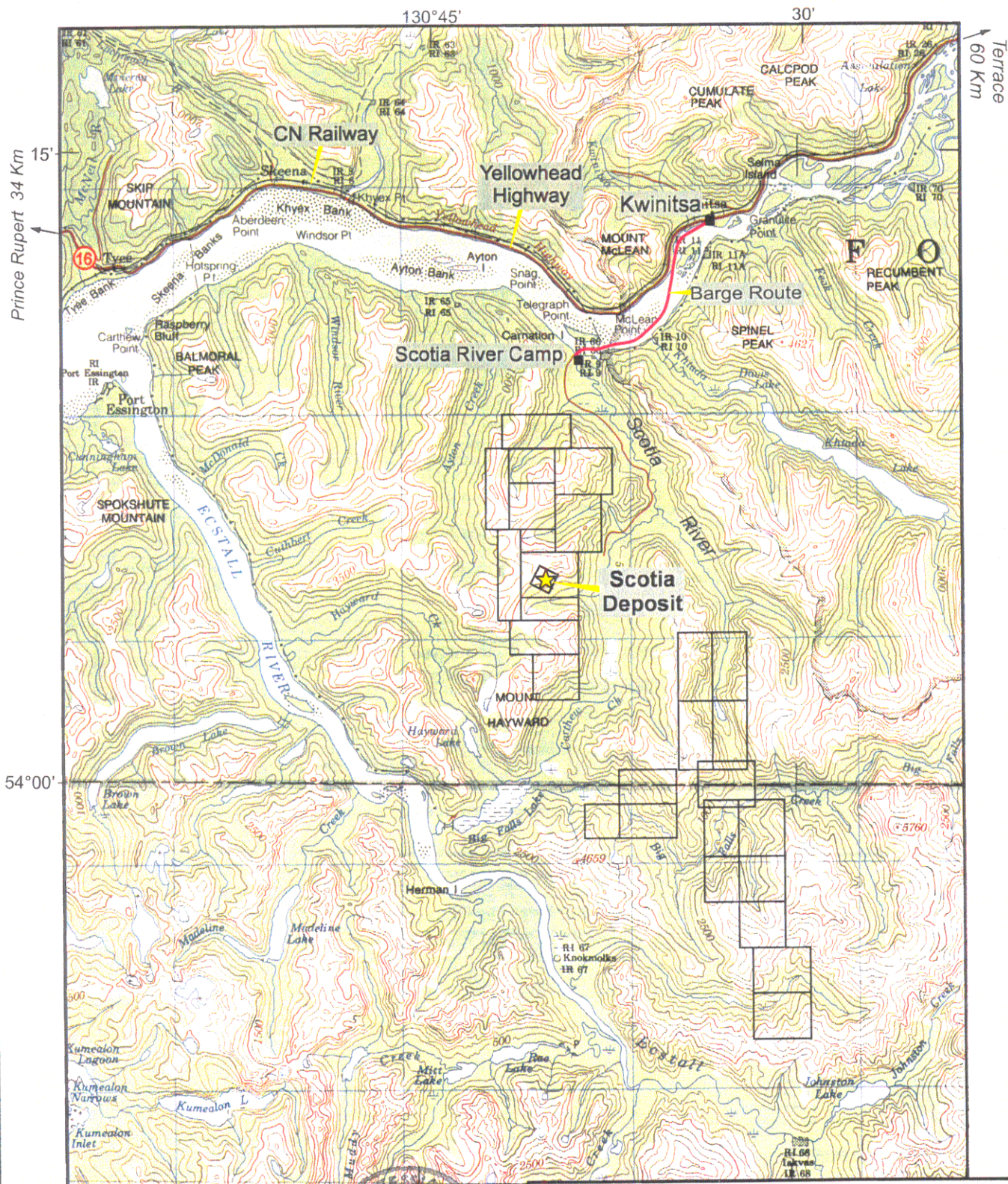
The 1998 program was conducted on the Big, Scotia South and Ecstall North claim groups. The Big Claim Group (Event # 3127120) consists of 8 claims totaling 95 units. The Scotia South Claim Group (Event # 3127123) contains 85 units in 5 claims. The Ecstall North Claim Group (Event # 3127128) contains 4 claims totaling 72 units. One years assessment work was filed on all claims on November 6, 1998 as Statements of Work, Event #'s 3127122, 3127127 and 3127130.

All claims are all owned by Bishop Resources Inc.

The claims are plotted in Figures No. 3-3, 3-4 and 3-5, Claim Group Location Maps and are listed in Appendix A, Claim Tenure.

3.3. Physiography

Most of the area covers the Kitimat Ranges of the Coast Mountains at elevations from 25 m at the Skeena River to peaks up to 1 580 meters. Terrain is mostly mountainous with smooth, steep, bare rock faces to moderate brush and tree covered slopes and intervening, U-shaped swampy river valleys of the Scotia River, Big Falls Creek and Carthew Creek drainage systems (Figure 3-2). Lower elevations of the larger valleys have been extensively logged.



BISHOP RESOURCES INC.	
Scotia Project	
Property Location Map - Skeena River Area	
British Columbia	
Date: December 22, 1997	Figure No: 3-2
Drawn for Arnex Resources Ltd. by: Great Bear Geological Services Inc.	

Figure 3-3: Claim Location Map, Big Claim Group (103H/13E)



Bishop Resources Inc
BIG CLAIM GROUP
Claim Group Location Map
 NTS: 103H/04E, 103H/13E
 Skeena Mining Division
 Compiled by Arrex Resources Ltd.
 November 4 1999

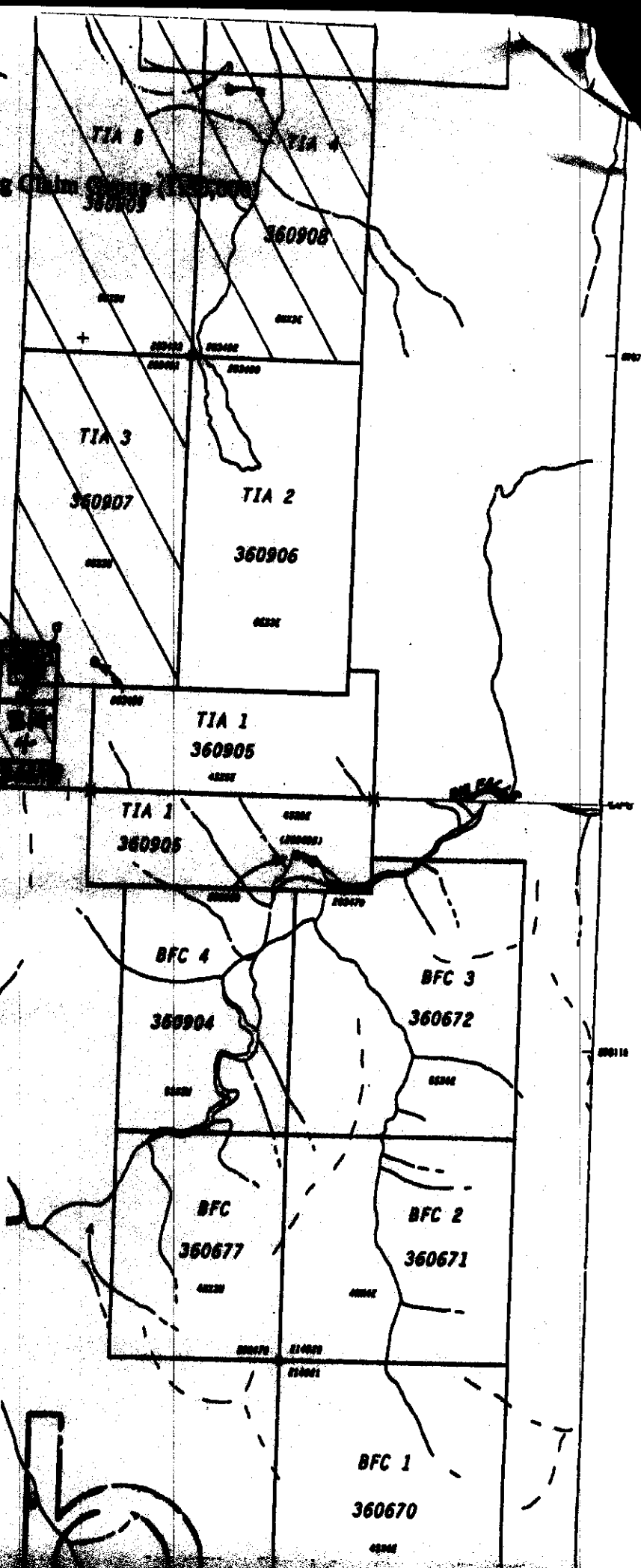


Figure 3.4: Claim Location Map, Scotia South Claim Group (1:50,000)

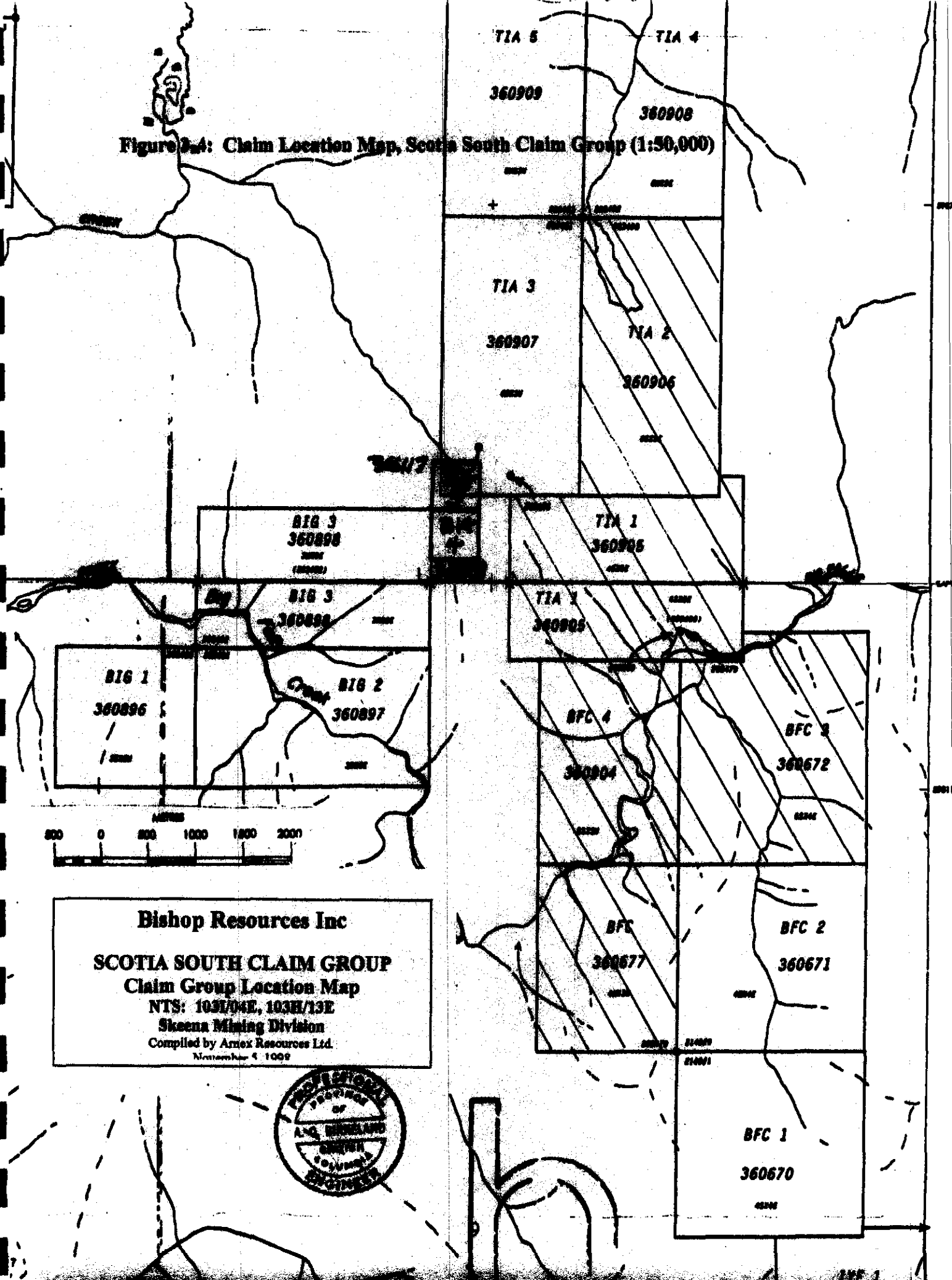
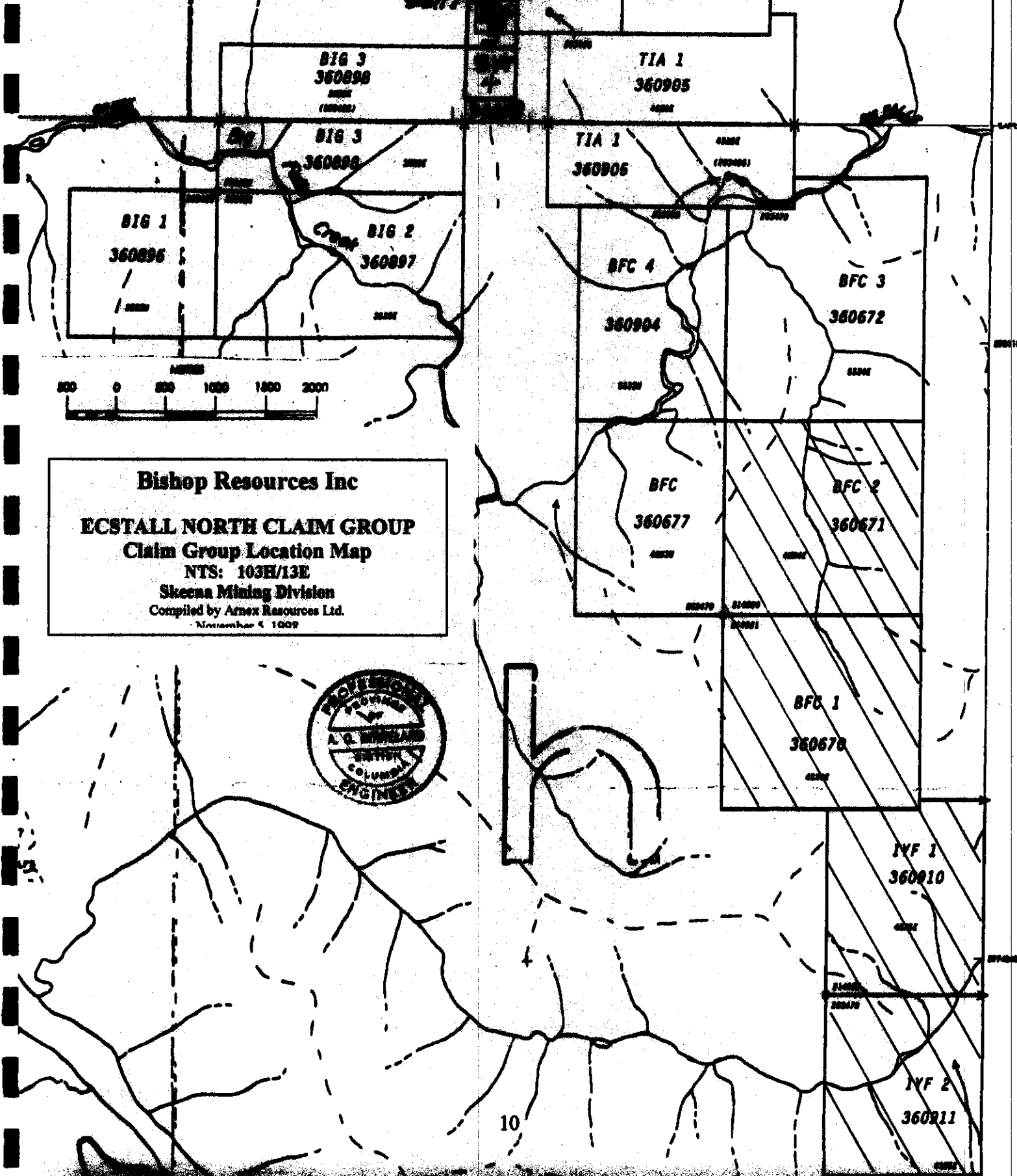
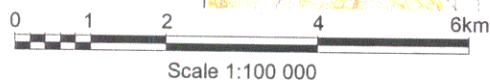


Figure 3-5: Claim Location Map, Ecstall North Claim Group (1:50,000)





BISHOP RESOURCES INC.

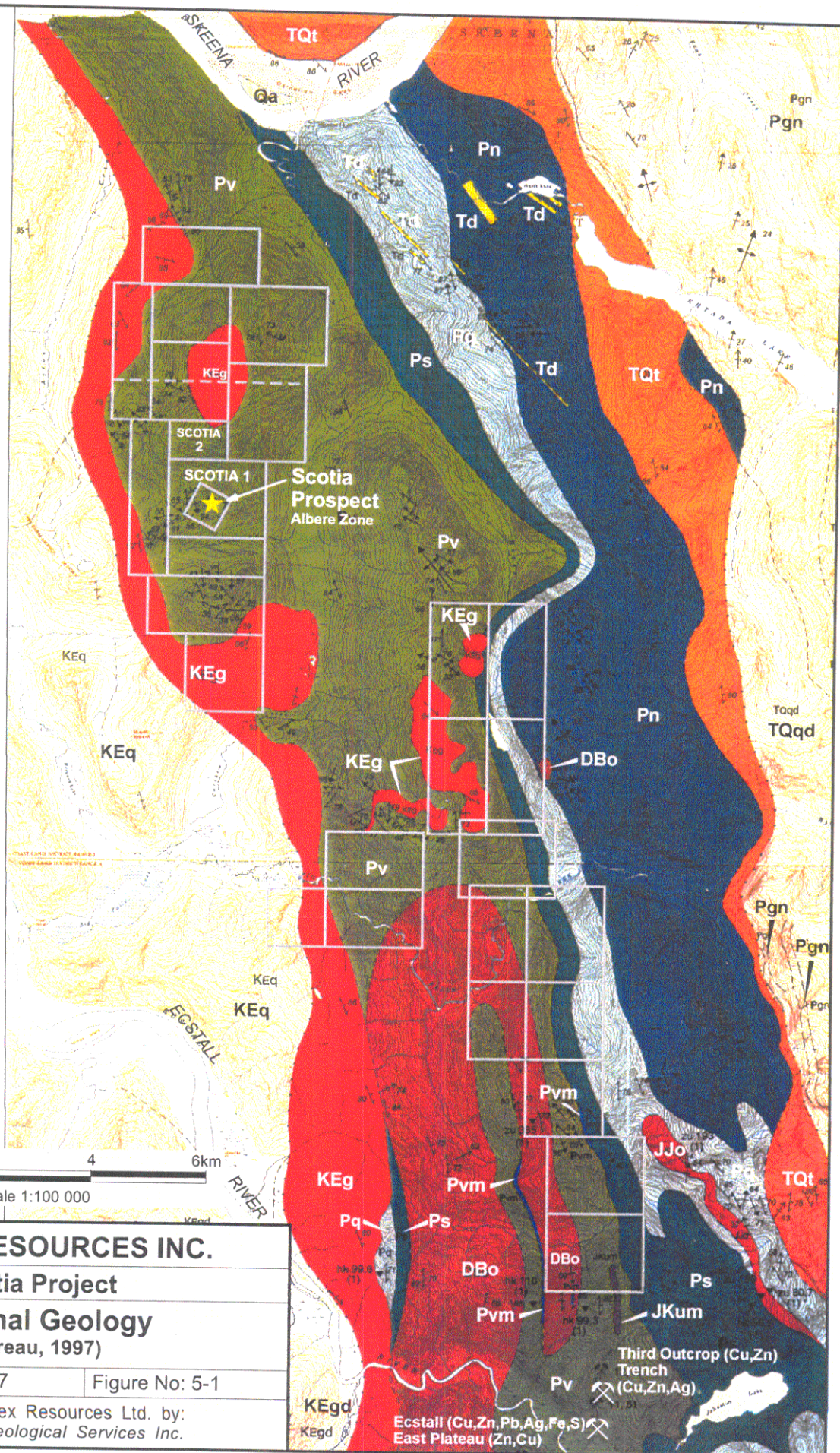
Scotia Project

Regional Geology
(Gareau, 1997)

Date: December 22, 1997

Figure No: 5-1

Drawn for Arnex Resources Ltd. by:
Great Bear Geological Services Inc.



LEGEND

QUATERNARY

PLEISTOCENE AND RECENT

Qa Gravel, sand, silt, and clay

TERTIARY

EOCENE

Td Garnet-biotite quartz diorite dykes; unfoliated and crosscutting

LATE PALEOCENE - (?) EARLY EOCENE

TQt Quottoo pluton: hornblende +/- biotite tonalite and quartz diorite (locally, in the northern part, includes felsic biotite +/- garnet-bearing tonalite); medium to coarse grained; strongly foliated and locally lineated

CRETACEOUS

ALBIAN - CENOMANIAN

Keg Ecstall pluton: epidote-hornblende-biotite quartz diorite to granodiorite (locally, in the southern part, includes foliated, fine grained, epidote-free, leucocratic garnet-biotite quartz diorite); unfoliated except within 1 km (generally less than 300 m) of its margin

JURASSIC - EARLY CRETACEOUS (?)

JKum Mafic and ultramafic plutonic rocks: coarse grained, locally weakly lineated hornblende diorite, gabbro and rusty weathering coarse hornblendite

JURASSIC

EARLY JURASSIC

JJo Johnston Lake orthogneiss: epidote-biotite-hornblende tonalite augen gneiss; medium grained; strongly lineated and weakly to strongly foliated

DEVONIAN

MIDDLE DEVONIAN

DBo Big Falls orthogneiss: muscovite-biotite-hornblende tonalite augen gneiss; locally garnet- and epidote-bearing; medium grained; well foliated

PALEOZOIC (?)

PRE-EARLY JURASSIC

Pv Metavolcanic unit: Pv, mafic and intermediate metavolcanic rock with minor metasedimentary and felsic metavolcanic interlayers (locally Pvm, marble); locally pyritiferous; strongly foliated and lineated; mafic component is fine grained amphibole +/- chlorite schist locally with relict clastic texture; intermediate component is biotite quartzofeldspathic semi-schist; minor quartzite, semi-pelitic to pelitic schist, and quartz-rich semi-schist of probable volcanic protolith

Ps Metasedimentary clastic unit: epidote-rich, hornblende-biotite gneiss; fine to medium grained; locally contains epidote-rich and granitoid clasts; well developed foliation and lineation

Pq Quartzite unit: Pq, white to grey, locally pyritiferous quartzite interlayered with lesser amounts of biotite-hornblende gneiss, fissile mica schist, black phyllite to meta-argillite, semi-pelitic to pelitic schist; well foliated

Pn Layered gneiss unit: epidote-hornblende-biotite quartz diorite and granodiorite gneiss and garnet amphibolite: some epidote + garnet pods; medium grained; well defined compositional layering on a scale of tens of centimeters; strongly foliated and locally lineated

BISHOP RESOURCES INC.

Scotia Project

Regional Geology - Legend (Gareau, 1997)

Date: December 22, 1997

Figure No: 5-1a

Drawn for Arnex Resources Ltd. by:
Great Bear Geological Services Inc.

3.4. Climate and Vegetation

The Prince Rupert area has a coastal climate characterized by high precipitation and moderate temperatures. Winters are mild and wet with precipitation occurring mostly as rain with snowfall generally restricted to higher elevations. Temperatures reach lows of about -10°C . Summer weather is variable, typically with mixed rain and cloud, and temperatures from 10°C to 25°C . Lakes are generally ice-free by early April. Freeze-up typically occurs in mid-November. Heavy forest cover is restricted to parts of main valley floors, with sparse coniferous growth on hillsides up to about 1 000 meters. Fir, hemlock and willows dominate with lesser poplar, birch and alder. Short brush and lichen exists above 1 000 meters.

3.5. Infrastructure

All of the main valleys in the area are accessible by logging roads maintained by Bear Creek Contracting. The area is currently being logged, and most valleys have been logged from recently to over 30 years ago. More recent, deactivated logging roads are still accessible by four wheel drive vehicles.

A Canadian National rail line is located along the north bank of the Skeena River, which links Prince Rupert with interior British Columbia. Electric power is available on the south bank of the Skeena River near the Scotia River camp (Figure 3-2). Water is plentiful year round.

4. GEOLOGY AND MINERALIZATION

4.1. Regional Geology

Most of the Prince Rupert - Skeena area is underlain by plutonic and metamorphic rocks of the Coast Plutonic Complex (Hutchinson, 1982). Plutonic rocks consist of major plutons and smaller irregular bodies, mostly of quartz diorite and granodiorite. Diorite and quartz monzonite are less common, and gabbro and granite are rare. Most of the plutonic rocks are probably Mesozoic in age. A north-northwest-trending belt of metavolcanic and metasedimentary rocks known as the Scotia - Quaal metamorphic belt runs through the area between the Skeena River and Douglas Channel (Gareau, 1997). Both metavolcanic and metasedimentary rocks are present. Map units represent lithological-metamorphic packages which probably contain strata of variable ages. Because of the strong metamorphic overprint and lack of fossils, the age of these strata is uncertain, however, radiometric dating places them at Pre-Early Jurassic age.

The region has undergone three phases of deformation. Metamorphism is variable, from low to high grade and generally increasing in grade from west to east. The major structural trend in the area is northwest.

The Ecstall Pluton, which borders the metavolcanic and metasedimentary Scotia - Quaal metamorphic belt to the west, is Cretaceous in age while the Quattoon Pluton to the east is Late Paleocene to Early Eocene in age (Garsau, 1997). The Ecstall pluton appears to have been generated and mobilized from east to west during an intense period of metamorphism of Late Cretaceous age (Hutchinson, 1982).

4.2. Local Surficial Geology

The area has been heavily glaciated by alpine and valley glaciers and by at least one ice sheet, although glacial deposits are rare (Hutchinson, 1982). Discontinuous deposits of colluvium till and talus are present on mountain slopes locally, and thick Pleistocene and Recent fluvial deposits occupy river valleys. At higher elevations, outcrop is abundant, and is partly covered by a thin mantle of unconsolidated slope. The area is geologically favorable for development of transportation and utility routes, and many roads have already been constructed in the valleys to facilitate logging.

4.3. Local Geology

The area covered by the 1997 reconnaissance program lies within the central part of the Scotia - Quaal metamorphic belt. In this area between the Skeena River to the north and the Ecstall river to the south, the belt trend north-northwest and ranges from approximately 10 km to 14 km in width. It consists of metamorphosed and deformed metasedimentary rock, metavolcanic rocks and gneisses bounded to the west by the Ecstall Pluton and to the east by the Quattoon Pluton (Figure 4-1; Gareau, 1997). The principal metamorphic assemblage in the Scotia River area is biotite +/- muscovite +/- garnet schists (Hutchinson, 1982).

With the exception of a small wedge of metasedimentary rocks at the western margin of the belt, the units from west to east, as defined by Gareau (1997) are: the Big Falls orthogneiss (D_{BO}), in the southern part only; a metavolcanic unit (Pv), a metasedimentary clastic unit (Ps), a quartzite unit (Pq) and a layered gneiss unit (Pn). The units of interest are the metavolcanic unit (Pv), which hosts the Scotia Deposit and several other VMS-type deposits north and south of the Ecstall River, and the clastic metasedimentary unit (Ps), particularly near its contact with Pv.

4.4. Mineralization

The Alberle massive sulphide occurrence (formerly known as the Scotia Prospect) is a zinc-lead-copper-silver-gold deposit which is located approximately 12 km south of the Skeena River (Figure 4-1).

North and south of the Ecstall River, several occurrences and VMS-type zinc (+/- copper-lead-silver-gold) deposits are known within the Pv unit (Figure 4-1). Eleven deposits of this type are located within ten kilometers of the southern margin of the Bishop claims. Most of these are within claims currently held by Arna Resources Limited or Ecstall Mining Corporation of Vancouver, BC.

The largest massive sulphide occurrence explored to date is the Ecstall pyrite deposit which was explored on surface and underground by Texas Gulf Sulphur for its sulphur content. Unclassified reserves in 1993 for the Ecstall deposit (North and South lenses) are 6.35 million tonnes grading 0.6% Cu, 2.5% Zn, 0.5 g/t Au and 20 g/t Ag (George Cross News Letter, No. 26, 1994). The massive sulphides also contain approximately 40% Fe and 50% S (Minfile 103H 011). Numerous base metal occurrences and anomalies are known to exist on the Ecstall property.

Horsefly, The Third Outcrop, East Plateau, Packsack and Trench are all located north of the Ecstall River, within three kilometers of the Bishop claims. The Ecstall, Phoebe Creek, Mariposite, West Grid, Thirteen Creek Cirque, El Amino, South Creek Grid are located south of the Ecstall River.

5. REGIONAL EXPLORATION HISTORY

Regionally, most exploration in the Scotia River area was conducted in the 1950's and 1960's when the Texas Gulf Sulphur Company was developing the Ecstall VMS deposit for its sulphur content. Reserves of approximately six million tons were delineated by extensive diamond drilling and underground development. As cheap sources of sulphur were then developed as a by-product of the petroleum industry, the Ecstall deposit was never mined.

Most regional exploration has historically been centered around the Ecstall area in the southern portion of the Scotia-Quall belt. Texasgulf and Cominco drilled the Packsack claims and Noranda carried out extensive geophysical surveys and limited drilling at the Horse Fly prospect. Atna drilled the Horse Fly prospect in 1995 with encouraging results. Until 1997, the only known reconnaissance program in the northern portion of the belt around the Scotia area was conducted by Arnex Resources Ltd. during 1993.

A regional geochemical stream sediment and water reconnaissance program was carried out by the British Columbia Geological survey on NTS mapsheets 103I - Terrace and 103J - Prince Rupert in 1978 and 1979. These samples were reanalyzed in 1991 and published as BC RGS 42 in June 1995. The new release includes previously unreleased data for 26 metals in stream sediments. A total of 2,253 stream sediment and 2,237 stream water samples were collected from 2,128 sites. This data was used for both property and regional work during the 1997 field program.

The Scotia Quall Metamorphic Belt was mapped by S. A. Gareau of the Geological Survey of Canada and released as Map 1864A in early 1997. The mapping proved to be a very valuable in tracing favourable volcanic and sedimentary strata that host VMS occurrences.

The Albere Zone at the Scotia Deposit was discovered by Texas Gulf Sulphur in 1958 during a regional reconnaissance program. In 1960, 10 holes were drilled by Texasgulf

Inc. for a total of 570 metres. The drilling indicated a resource of 30,000 to 50,000 tons grading 20% zinc and 2% lead (Meyers and Morton, 1982).

In 1970, limited mapping and soil geochemistry were performed. A well defined multi-element soil anomaly was present associated with the massive sulphide outcrop at the Albere zone.

Seven holes with an aggregate length of 960 metres were drilled in 1980. This drilling expanded the resource to 187,000 tonnes grading 11.8% zinc, 1.3% lead and 20.6g/t silver (DeLancey, 1980).

In 1981, 1:5,000 scale mapping of the south central area of the claims was completed. Four broadly spaced down-dip step out holes were drilled with an aggregate length of 1,104.2 metres. A down hole pulse EM geophysical survey was also conducted using holes S-11, 14, 16, 17, 19 and 20.

In 1984, Andaurex Resources Inc. optioned the property and drilled 11 holes with an aggregate length of 767 m. Drilling confirmed earlier results and demonstrated continuity to the massive sulphides within the drilled zone.

Andaurex allowed the option to lapse and in 1987 Kidd Creek Mines Ltd. cut 10 kilometres of grid lines and conducted magnetometer, VLF-EM and lithogeochemical surveys. A total of 159 grab samples were studied in order to locate areas of hydrothermal alteration that may be related to massive sulphide occurrences. The geophysical surveys responded to the massive sulphide mineralized zones and generated additional anomalies which were recommended to be drilled by Kidd Creek geologists.

Kidd Creek was subsequently acquired by Falconbridge Limited who conducted an environmental reclamation program on the property in 1992.

Bishop Resources Inc., by an agreement dated January 24, 1997 between Bishop, Arne Birkeland, Arnex Resources Ltd., and Falconbridge Limited, acquired an option to acquire a 100% interest in the Scotia prospect from Falconbridge.

A 938.2 metre diamond drill program was carried out on the Albere Zone during the period September to November, 1997 by Arnex Resources Ltd. for Bishop Resources Inc.

The 1997 drill program extended potentially economic grades in the Albere Zone by about 45 metres, to 205 metres north of the main showing, and it remains open in this direction. Disseminated, semi-massive and massive base metal sulphide intersections were encountered in nine of the ten holes drilled. The vertical extent of the mineralization encountered is increasing to the north. Results established a vertical range of sub-economic to economic grades of mineralization of 95 metres, and a horizontal range of over 60 metres at the base of the zone. The high grade "core" area widened to about 30 metres about 190 metres north of the main showing. Also, the grade of zinc

mineralization encountered in the deeper western zones appears to be gradually increasing to the north.

Following the encouraging exploration results from the drilling program on the Scotia property in the fall of 1997, a reconnaissance geochemical survey was carried out to test the potential for discovering additional volcanogenic massive sulphide (VMS) deposits in the Scotia-Quaal metamorphic belt between the Skeena and Ecstall Rivers using the 1995 RGS and 1997 mapping to define targets.

One hundred seventy moss mat, seven stream sediment and 127 rocks samples were collected during a helicopter-supported reconnaissance program carried out from October 29 to November 11, 1997.

The 1997 reconnaissance program focused on the metavolcanic unit (Pv), which hosts several VMS-type deposits, including the Scotia Deposit.

Several areas returned anomalous stream sediment results for one or more of the elements: zinc, copper, lead, silver, gold and barium which are indicative of VMS-type deposits. Significant results were also obtained from chip sampling of massive and semi-massive sulfides in outcrop in several localities.

The results of the 1997 stream sediment sampling and geological reconnaissance program indicate excellent potential for the discovery of additional VMS-type deposits on claims held by Bishop Resources Limited.

Several areas have stream sediment and rock geochemistry indicative of VMS deposits. Potential exists to discover VMS mineralization both north and south along strike of the Scotia Deposit, where further mineralization has been identified and indicated in outcrop, soils, and streams. The discovery of significant base and precious metal mineralization on the IYF claim also indicates excellent potential for discovery in this area. In addition, stream sediment sampling along strike of this mineralization, near the contact between the metavolcanic and metasedimentary units, indicates the presence of VMS-type mineralization. Anomalous results along this contact area extend for nearly eight kilometers. On the BIG claims, several streams and one float sample returned anomalous results for base and precious metals (Sinnott, December 22, 1997).

The subject Big, Scotia South and Ecstall North Claim Groups were staked in the fall and winter of 1997 as a result of the 1997 reconnaissance program.

6. 1998 RECONNAISSANCE EXPLORATION PROGRAM

6.1. Introduction

The objective of the 1998 reconnaissance program was twofold; namely to complete a field program to satisfy assessment work requirements for the subject claim blocks and to provide valuable exploration data to the company on its substantial claim holdings.

The 1998 stream sediment and rock geochemical program was designed to test both geological and geochemical targets identified during the 1997 regional program. All existing data was compiled on a GIS database system (MapInfo v4.5) and suitable scaled field maps were generated for each selected target area. Field base maps illustrated geology, RGS and company geochemical data and cultural features. The base maps were used in the field and all 1998 sample locations and data plotted for later entry into the GIS database.

Sample locations and significant results are plotted on Figures 6-1 to 6-17. Selected results for stream sediment and rock chip geochemistry are tabulated as Tables 1 and 2 and a complete record of Analytical Procedures and Certificates is included as Appendix C. Field observations are recorded as Appendix D, Geochemical Data Sheets.

6.2. Sampling Program

The area surveyed contains precipitous terrain such that active stream sediment has been flushed clean during freshet from most 2nd and 3rd order drainages. However, moss mat clumps are almost always present and the traps fine sediment in the roots of the mats, which provide an ideal stream sediment sample medium. Moss mat samples were collected above the low water mark and below the high water mark from boulders and logs in the center or at the margins of the creeks to be sampled. A volume of 1 to 2 litres of moss was generally collected, depending on moss type and the related abundance of mat sediment. The moss mat samples were dried and sent to Chemex labs for preparation and analysis.

The B. C. Geological Survey Branch, as part of the Regional Geochemical Survey ("RGS") program which has been completed on a province wide basis over the past decade, pioneered moss mat stream sediment sampling. Armax Resources has used moss mat sampling extensively in regional exploration programs in west coast mountainous rain forest terrain since 1990. The following general observations are offered:

- There is generally a directly comparable relationship between moss mat sediments and active stream sediments for metals subject to hydromorphic dispersion. Metals such as copper, silver and zinc return very similar values for both mediums sampled. Area of Influence is generally 1 to several kms.

Table 1

South Scotia Reconnaissance Program

Selected Values - Stream Sediment Geochemistry

Sample #	Easting	Northing	Au_ppb	Ag_ppm	Ba_ppm	Cu_ppm	Fe %	Mo ppm	Na %	Ni ppm	Pb ppm	Zn ppm
98101	464160	5982630	0	0	90	59	2.14	2	0.02	16	0	56
98102	464410	5982310	0	0.2	70	61	2.34	2	0.02	17	0	56
98103	464670	5982040	0	0.2	90	59	2.26	3	0.03	16	0	56
98104	464930	5981790	160	0.2	90	67	2.46	2	0.02	19	0	60
98105	465300	5981350	0	0.4	90	66	2.52	2	0.02	19	0	64
98106	463190	5982610	0	0	140	26	3.8	1	0	11	0	80
98107	462760	5982770	0	0	230	50	4.12	3	0	21	6	110
98108	466440	5975600	0	0	100	95	2.63	1	0	17	0	50
98109	466340	5975580	10	0.2	100	85	2.51	3	0.03	29	0	86
98110	466250	5975580	10	0.2	120	78	2.49	2	0.04	27	0	82
98111	466200	5975570	0	0.2	150	91	2.76	4	0.04	27	0	86
98112	466180	5975610	25	0.2	100	81	2.6	3	0.04	28	0	74
98113	466120	5975640	405	0.2	110	77	2.56	4	0.04	28	2	78
98114	466080	5975660	0	0.6	120	76	2.5	2	0.03	27	0	76
98115	466040	5975680	0	0.2	130	81	2.62	3	0.03	28	0	86
98116	466020	5975690	155	0.2	130	84	2.87	3	0.03	29	0	86
98117	465960	5975680	0	0	240	144	3.58	1	0.01	32	0	102
98118	465900	5975710	0	0.2	170	287	3.08	1	0.04	34	0	120
98119	465760	5975730	0	0.2	110	80	2.47	3	0.04	27	0	78
98120	465850	5975720	0	0.2	140	104	2.95	4	0.03	37	0	108
98121	465770	5975740	0	0.6	140	99	2.23	5	0	65	2	280
98122	465130	5983320	0	0	100	16	1.28	1	0	10	0	30
98123	465180	5983550	0	0	90	13	1.12	0	0	8	0	24
98124	465070	5983620	0	0	90	11	1.16	0	0	9	0	26
98125	464970	5983730	0	0	90	11	1.18	0	0	9	0	26
98126	464870	5983830	0	0	90	10	1.19	0	0	9	0	26
98127	464780	5983950	0	0	100	12	1.36	1	0	10	0	30
98128	464740	5984120	0	0	130	13	1.53	1	0	12	0	36
98129	464580	5984210	10	0	100	13	1.34	1	0	9	0	28
98130	464670	5984260	0	0	120	14	1.55	1	0.01	11	0	34
98131	464620	5984390	0	0	90	11	1.22	3	0	10	0	26
98132	464590	5984520	0	0	110	14	1.35	1	0	11	0	28
98133	464780	5984590	0	0	110	16	1.51	0	0	11	0	32
98134	464570	5984690	10	0	140	16	1.55	1	0	12	0	36
98135	464340	5984680	10	0	170	21	1.78	0	0	15	0	38
98136	464250	5985040	0	0	150	15	1.66	1	0	13	0	36
98137	464400	5985230	0	0	120	15	1.45	1	0.01	12	0	30
98138	464290	5985450	0	0	150	18	1.77	1	0.01	14	0	36
98139	464100	5985690	5	0	160	19	2.14	1	0	13	0	34
98140	464140	5985860	0	0	150	16	1.62	0	0	13	0	36
98141	465290	5978390	270	0.2	130	88	3.15	2	0.02	27	0	84
98142	463940	5982470	0	0	90	20	1.58	1	0.01	8	2	26
98143	463820	5982780	5	0	80	23	1.92	0	0.01	15	0	90
98144	463630	5982750	140	0	110	28	2.38	1	0.01	18	0	116
98145	463420	5983040	5	0	100	27	2.04	0	0.01	15	0	92
98146	463200	5983320	0	0	130	33	2.47	0	0	21	0	138
98147	463010	5983580	10	0	110	28	2.28	0	0	19	0	118
98148	462820	5983620	0	0	120	32	2.38	0	0	21	2	144
98149	462840	5983810	0	0	100	29	2.34	0	0	20	2	134
98150	462580	5983910	0	0	80	36	1.1	0	0.01	20	0	22
98151	462680	5984080	0	0	150	45	2.73	0	0	23	0	154

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Table 1

South Scotia Reconnaissance Program

Selected Values - Stream Sediment Geochemistry

Sample #	Easting	Northing	Au ppb	Ag ppm	Ba ppm	Cu ppm	Fe %	Mo ppm	Na %	Ni ppm	Pb ppm	Zn ppm
98401	459870	5982140	0	0	60	18	1.88	1	0.01	8	0	34
98402	460220	5982960	0	0	120	33	3.01	0	0	30	0	122
98403	460190	5983170	0	0	80	26	2.57	1	0	39	2	214
98404	459440	5983420	35	0	120	55	2.87	1	0.03	32	0	52
98405	459760	5983460	0	0	100	14	3.21	0	0	9	0	66
98406	461440	5981680	0	0	160	25	2.22	4	0	6	0	50
98407	461460	5982110	0	0	130	57	1.85	2	0	6	4	62
98408	459300	5983300	5	0	80	22	2.68	0	0.01	14	0	40
98409	461130	5982020	0	0	160	58	4.38	2	0	26	24	476
98410	461010	5982200	0	0	240	30	3.15	1	0	41	4	88
98411	460910	5982210	0	0	310	55	2.35	1	0	62	0	46
98412	460740	5982260	0	0	120	24	1.99	0	0	16	0	32
98413	460580	5982330	0	0	370	52	3.09	1	0	24	0	62
98414	459390	5982560	0	0	110	4	1.73	0	0.01	3	2	46
98415	460160	5981940	0	0	100	27	2.05	0	0.01	17	0	30
98416	466590	5974030	0	0.2	190	100	3.33	3	0	22	2	94
98417	466840	5973310	0	0.2	220	122	3.48	3	0	27	0	108
98418	466410	5974420	0	0	160	50	2.78	0	0.01	23	0	54
98419	465840	5974990	0	0	90	35	2.03	0	0.01	12	0	32
98420	465950	5973740	0	0	90	63	2.07	1	0.01	15	0	56
98421	465950	5973740	20	0	110	102	2.83	2	0.01	20	0	66
98422	465940	5973420	0	0	70	56	2.05	0	0	13	2	36
98423	466040	5973060	0	0	80	80	1.59	0	0	16	0	40
98424	465130	5973510	0	0	60	24	1.46	0	0	6	0	26
98425	465140	5973520	0	0	410	32	1.56	0	0	9	0	34
98426	465050	5973290	0	0	410	31	1.59	1	0	9	0	36
98427	465070	5973010	0	0	450	36	2.11	0	0	11	0	48
98428	465070	5972770	0	0	290	33	1.74	0	0	10	0	36
98429	464810	5973340	0	0	150	50	2.41	1	0	14	0	46
98430	464870	5973630	0	0	100	66	1.97	0	0	12	0	30
98431	467100	5975290	0	0	180	116	4.01	0	0	23	0	84
98432	467280	5975880	0	0	180	114	4.09	1	0	19	0	86
98433	467170	5975020	0	0	70	71	1.63	7	0.01	10	0	28
98434	465720	5973570	0	0	150	70	2.93	1	0	16	0	76
98435	465750	5973270	0	0	140	69	2.77	0	0	15	0	66
98436	465710	5972990	0	0	180	86	3.27	3	0	17	0	76
98437	463540	5987850	0	0	100	35	2.75	3	0	16	4	90
98438	463090	5987780	0	0	110	55	2.48	2	0	29	6	104
98439	463330	5987710	0	0	80	33	2.58	1	0	15	0	112
98440	463350	5987630	0	0	70	34	2.56	3	0	15	2	104
98441	463390	5987550	0	0	40	27	3.68	1	0	10	2	72
98442	463320	5987300	0	0	60	31	2.3	2	0	14	2	94
98443	465660	5979010	0	0.4	160	148	3.53	4	0.01	34	0	112
98444	465510	5978960	0	0	120	99	3.13	1	0	24	0	68
98445	465370	5979030	0	0.2	140	83	3.19	1	0.02	26	0	86
98446	465100	5979690	10	0.2	110	73	2.55	2	0.02	20	2	66
98446A	465100	5979690	0	0.2	150	107	3.8	3	0.01	31	0	106
98447	465570	5977870	0	1	120	81	2.92	2	0.01	26	0	90
98449	465140	5978210	0	0	100	43	2.14	1	0.01	12	2	46
98450	465070	5978240	0	0	120	44	2.9	0	0.03	24	0	60
98451	463280	5979580	5	0	60	75	1.54	0	0	10	2	40
98452	463300	5979830	0	0	100	99	1.83	0	0	14	0	54
98453	463480	5978580	10	0	40	128	1.6	0	0	12	0	40
98454	463270	5980290	0	0	60	87	1.5	1	0	11	0	42
98455	463280	5980730	0	0	260	21	2.53	2	0	13	0	66

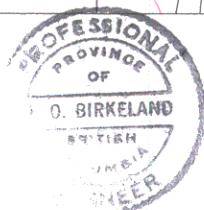
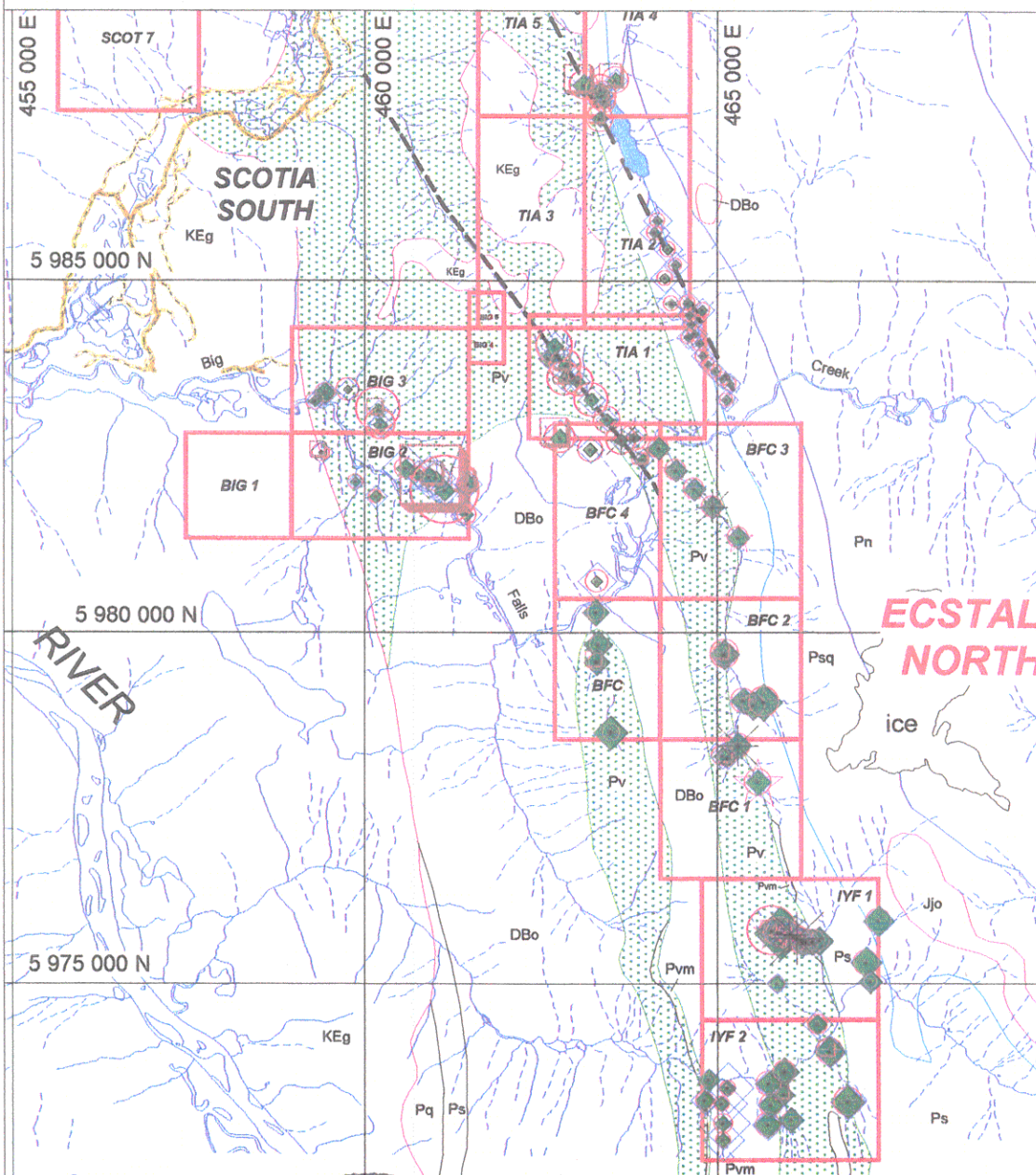
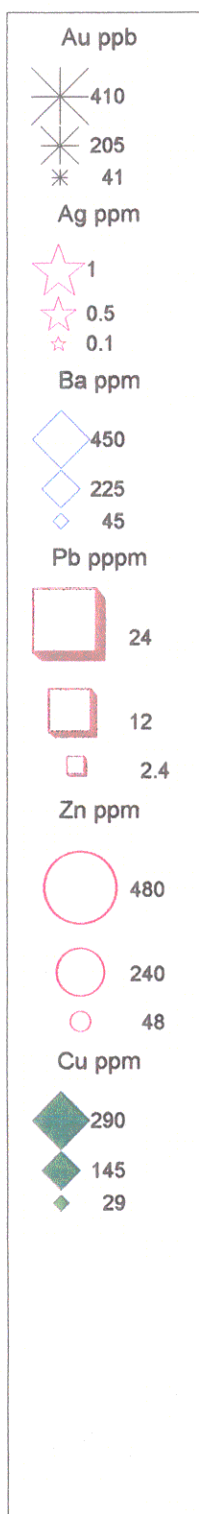
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Table 2
Scotia South Reconnaissance Program
Rock Chip Values

Sample	Easting	Northing	Au ppb	Ag ppm	Ba ppm	Cu ppm	Fe %	Mo ppm	Na %	Ni ppm	Pb ppm	Zn ppm
301551	461510	5981770	20	0.4	60	332	2.37	3	0.04	5	2	56
301552	461510	5981770	15	0.2	120	154	4.07	1	0.06	3	2	380
301553	461490	5982160	10	0	110	30	3.33	2	0.05	10	8	106
301554	461490	5982160	5	0	70	13	4.05	2	0.24	5	8	188
301555	461130	5982020	0	0	70	108	3.52	0	0.12	15	0	116
301556	466840	5973410	0	0	10	29	0.89	1	0	21	8	120
301557	466770	5973640	10	0	60	45	2.28	1	0.04	11	2	42
301558	465920	5974830	0	0	80	64	3.61	11	0.08	30	0	62
301559	465960	5973760	10	0	60	19	1.78	5	0.01	3	2	2
301560	465060	5972540	10	0	40	193	3.27	0	0.05	1	0	16
301562	463200	5987880	0	0	20	15	2.17	4	0.01	1	44	370
301563	465610	5979080	5	0	30	7	0.53	1	0.04	1	6	22
301564	465490	5978840	5	5.6	40	193	6.39	0	0.15	63	6	88
301565	465060	5979850	10	4.2	70	164	2.97	86	0.24	104	12	416
301566	463230	5980110	0	0.2	60	279	3.24	20	0.1	11	0	226
301567	463530	5979050	10	0.2	70	208	2.29	1	0.04	10	0	94
301601	464350	5982460	10	0	40	83	3.2	1	0.18	2	0	104
301602	463510	5982270	0	0.6	70	109	6.3	3	0.08	54	0	52
301603	466220	5975570	10	0	430	105	3.89	0	0.01	24	0	96
301604	465810	5975730	0	0.2	40	25	0.84	0	0.01	12	0	6
301605	465810	5975710	5	0.6	200	702	1.66	1	0	6	0	38

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Scale: 1:100 000



Bishop Resources Inc.

Scotia Project

Stream Sediment Geochemistry
Regional Map

Date: January 14, 1999

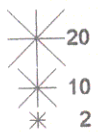
Figure: 6-11

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

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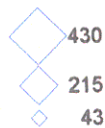
Au ppb



Ag ppm



Ba ppm



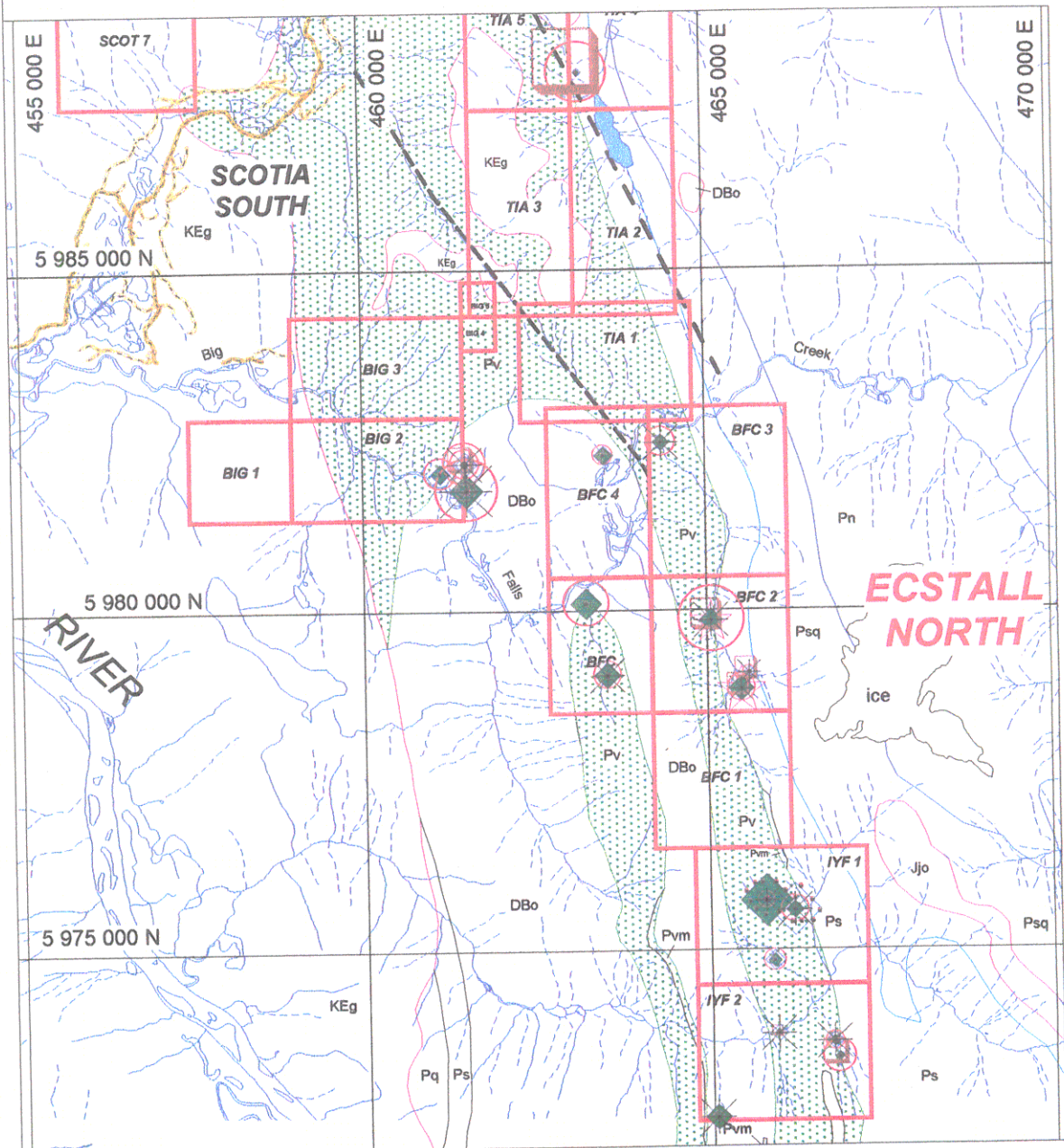
Pb ppm



Zn ppm



Cu ppm



Scale: 1:100 000



Bishop Resources Inc.

Scotia Project

Rock Geochemistry
Regional Map

Date: January 14, 1999

Figure: 6-17

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

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- Values obtained for moss mat sediments are enhanced for the metals that are transported mechanically. Lead, gold, barium, tungsten and others give Areas of Influence of up to 1 or 2 kilometers for moss mats vs only near source detection by conventional active stream sediments making moss mat regional surveying an invaluable tool for the detection of precious metal bearing VMS mineralization.

Rock chip geochemistry was conducted as part of prospecting at the same time that the moss mat sampling was done. Samples were taken of mineralized creek float, showings, and from gossanous or pyritized rock units within the favorable Pv volcanic stratigraphy.

6.3. Rock and Stream Sediment Geochemistry Results

Sample locations are plotted on Figures 6-1 to 6-5 inclusive, and anomalous values are plotted as stream sediment and rock chip symbol maps on Figures 6-6 to 6-17. Stream sediment and rock chip values for selected elements are included as Tables 1 and 2 respectively. All sample descriptions for both stream sediments and rock chips are appended as Appendix D.

Results and Conclusions for the various claim groups will be discussed on generally a north to south basis. Regional Geochemical Maps for Stream Sediments and Rock Geochemistry are presented as Figures 6-11 and 6-17 respectively.

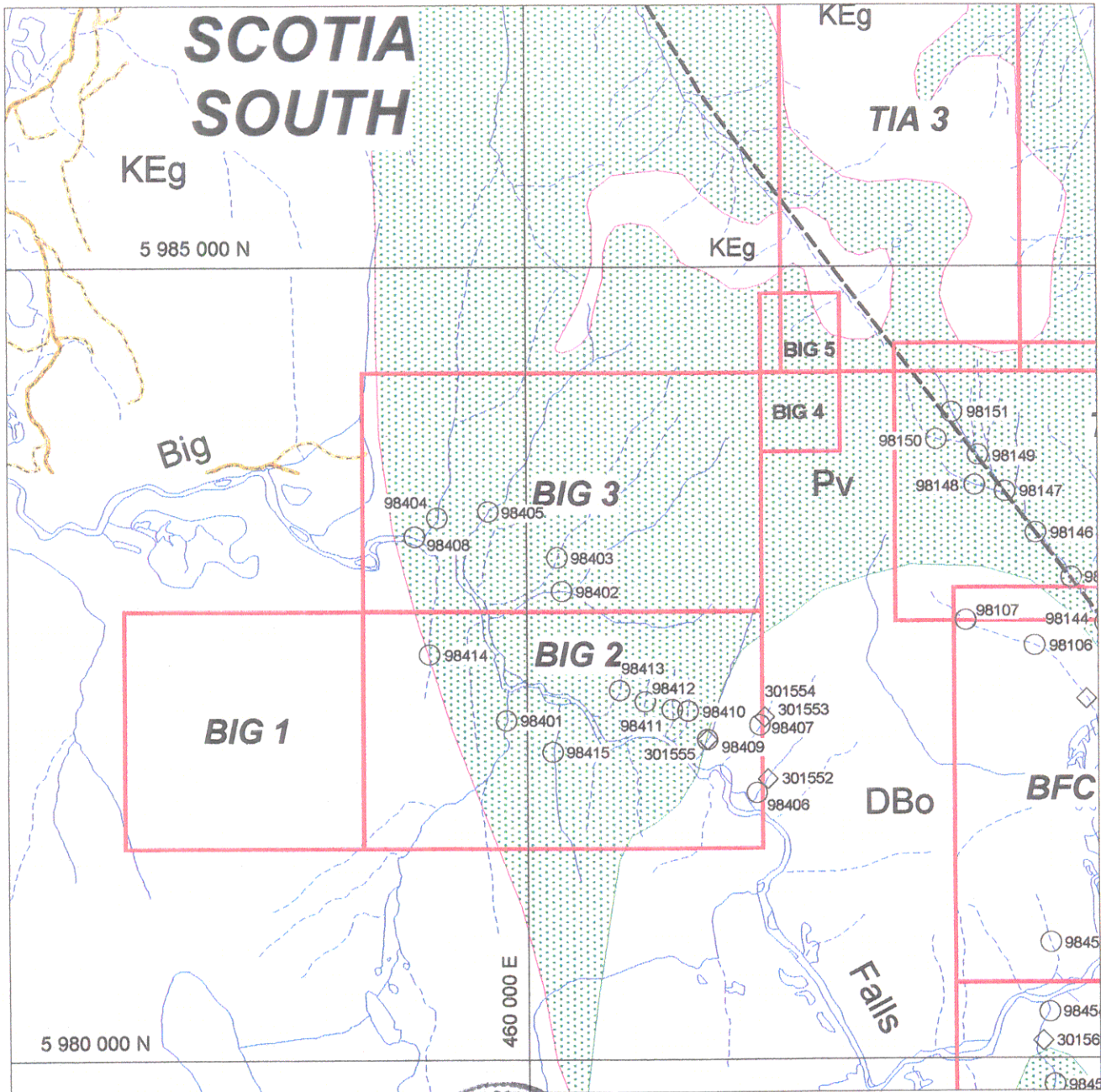
6.3.1. Big Claims

A 10 to +50 m thick pyritic felsic metavolcanic unit ("Py FV") outcrops over a +1200 metre strike length north of Big Falls Creek on the eastern portion of the Big 2 claim. The Py FV unit was observed to structurally overlie a pyritic mafic metavolcanic unit ("Py MV"). Pyrite was observed in disseminations and as foliated bands. Minor amounts of sphalerite, chalcopyrite and galena appear widespread in the four localities visited.

Stream sediment samples from creeks below the Py FV (Figure 6-1, 6-6) returned values to 476 ppm Zn, and lower values of 50 ppm for Cu and 24 ppm for Pb (98402-98405). Rock chip samples from the Py FV (Figure 6-12) returned values of up to 380 ppm for Zn, 108-154 ppm Cu and up to 4% Fe (301552-301555).

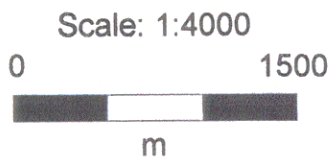
Five creeks were sampled on the Big 3 claim approximately 2 km northwest of the Py FV from an area underlain by Py MV, presumably the same unit that underlies the PY FV. Anomalous values of up to 476 ppm Zn and 24 ppm Pb were encountered.

Drainages sampled to the south of Big Falls Creek in this locality returned low values.



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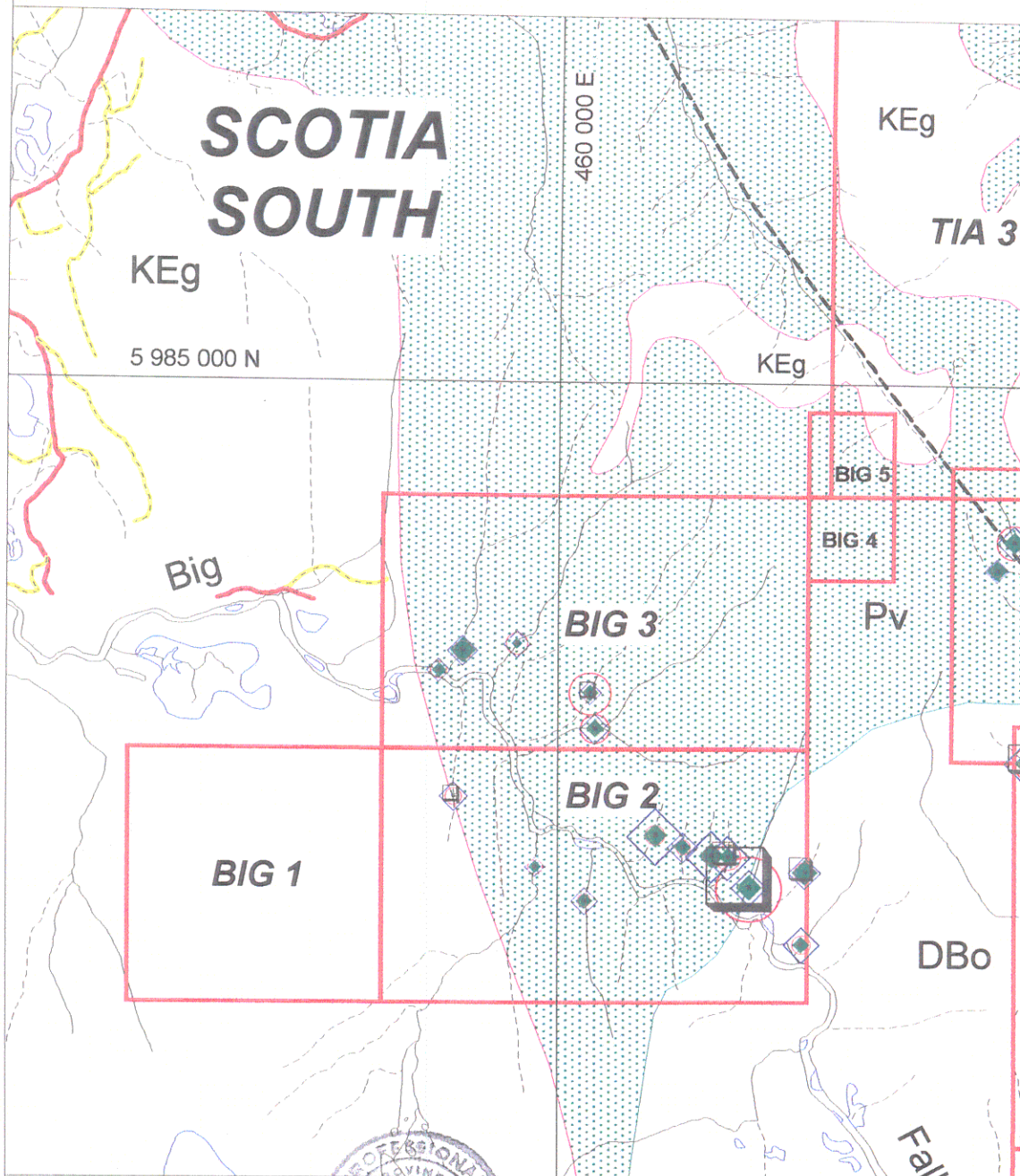
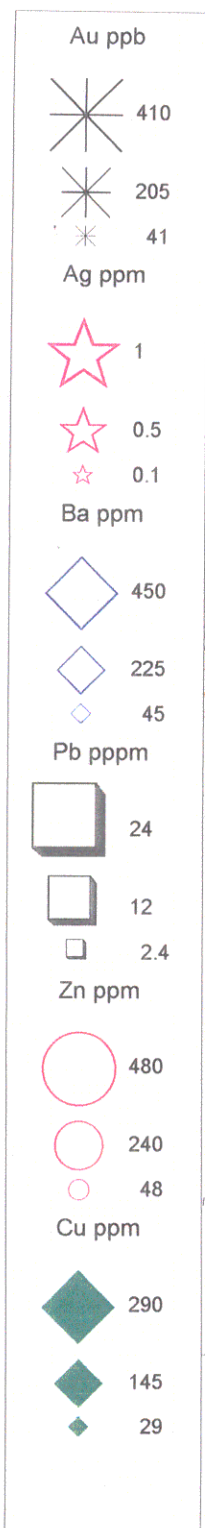
- stream sediment sample location
- ◇ rock sample location



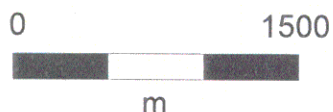
Bishop Resources Inc.	
Scotia Project	
Sample Location Map Big Claims	
Date: January 14, 1999	Figure: 6-1
Compiled for Arnex Resources Ltd. By Great Bear Geological Services Inc.	

big loc ass.wor

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Scale: 1:4000



Bishop Resources Inc.

Scotia Project

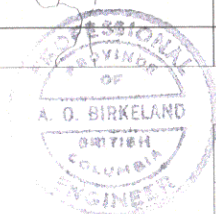
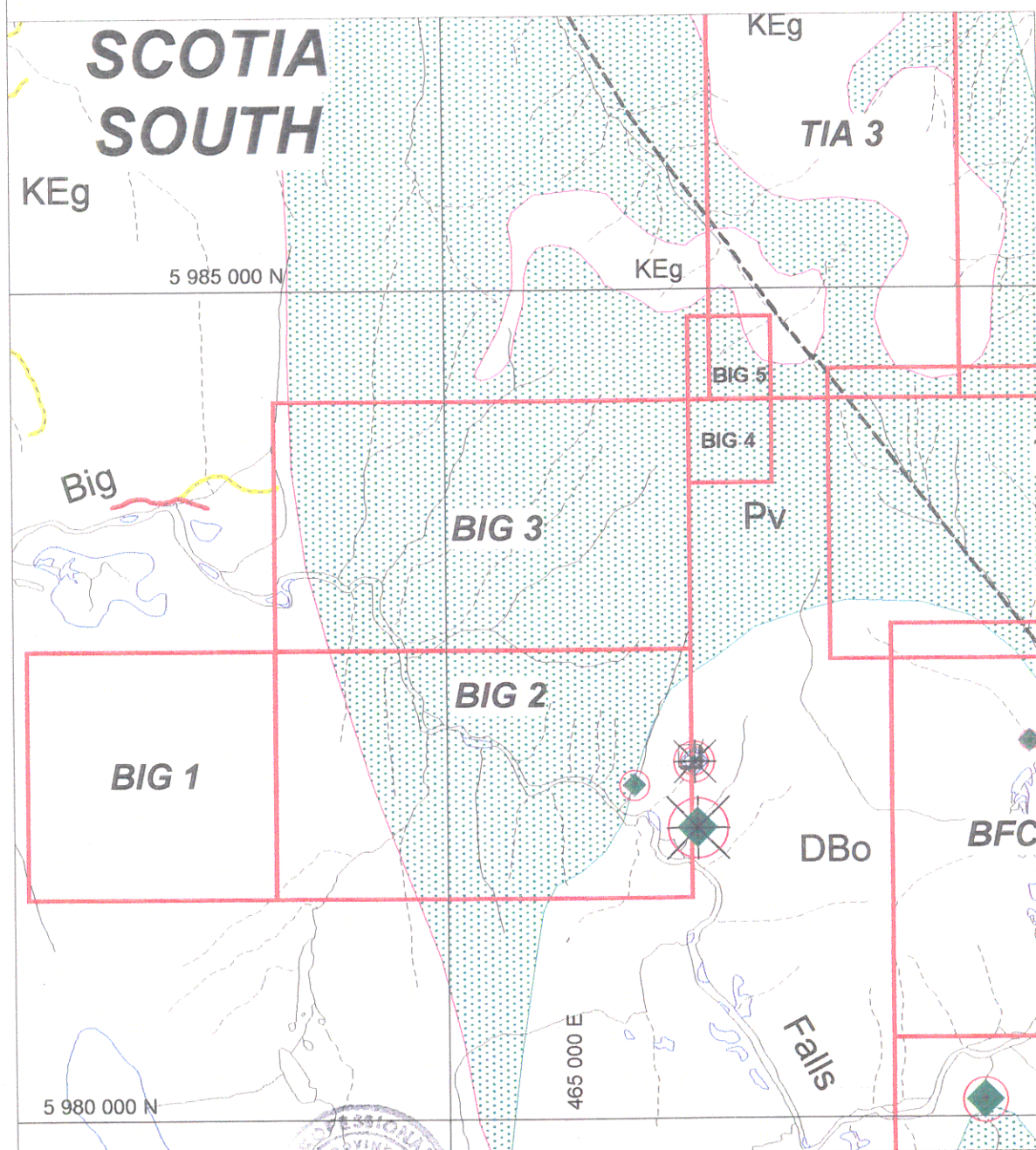
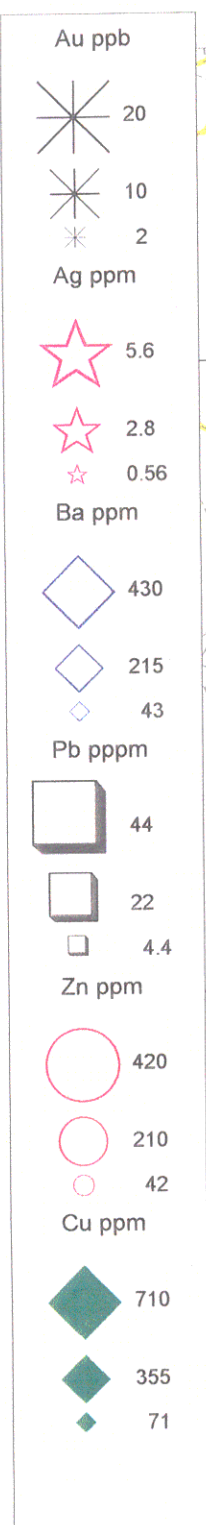
Stream Sediment Geochemistry
Big Claims

Date: January 14, 1999

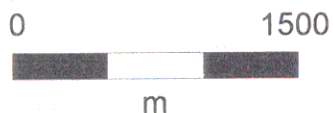
Figure: 6-6

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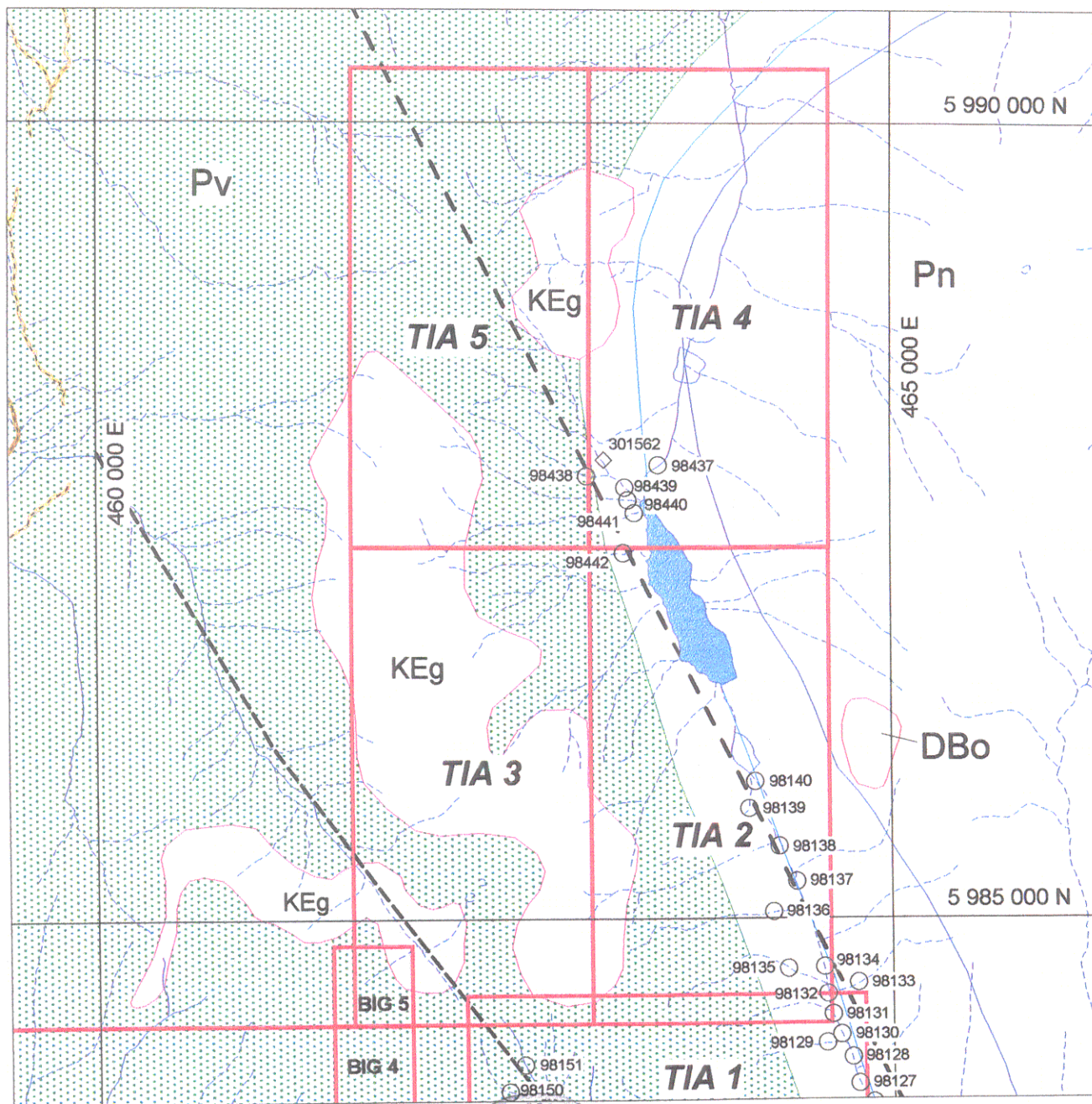
Scotia Project

Rock Geochemistry
BIG Claims

Date: January 14, 1999

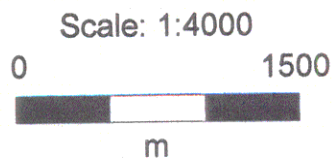
Figure: 6-12

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.



LEGEND

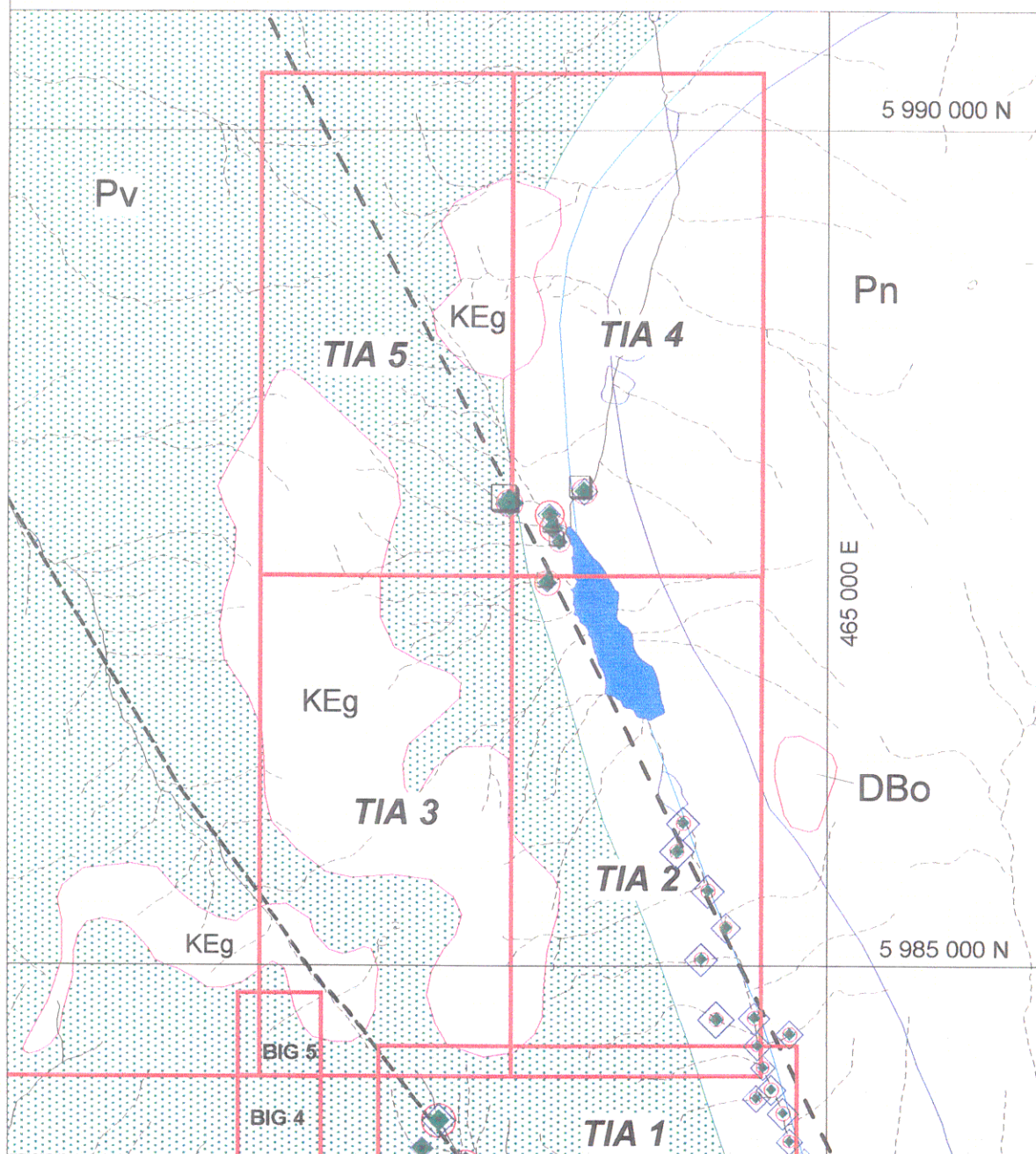
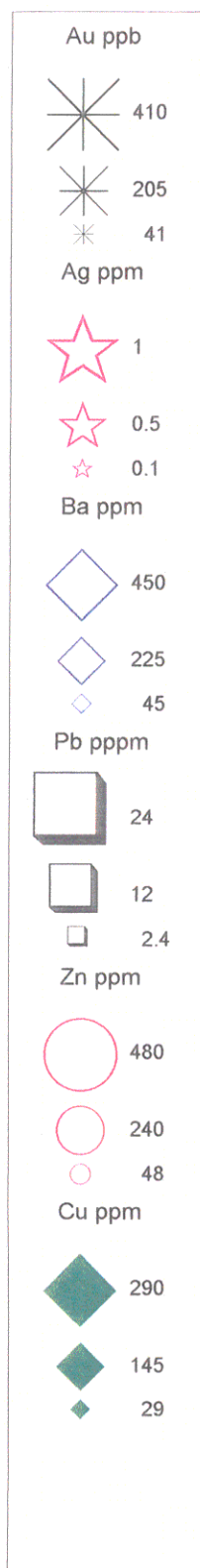
- stream sediment sample location
- ◇ rock sample location



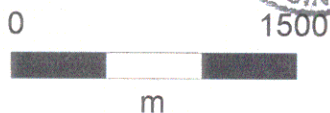
Bishop Resources Inc.	
Scotia Project	
Sample Location Map Tia North Claims	
Date: January 14, 1999	Figure: 6-2
Compiled for Arnex Resources Ltd. By Great Bear Geological Services Inc.	

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LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

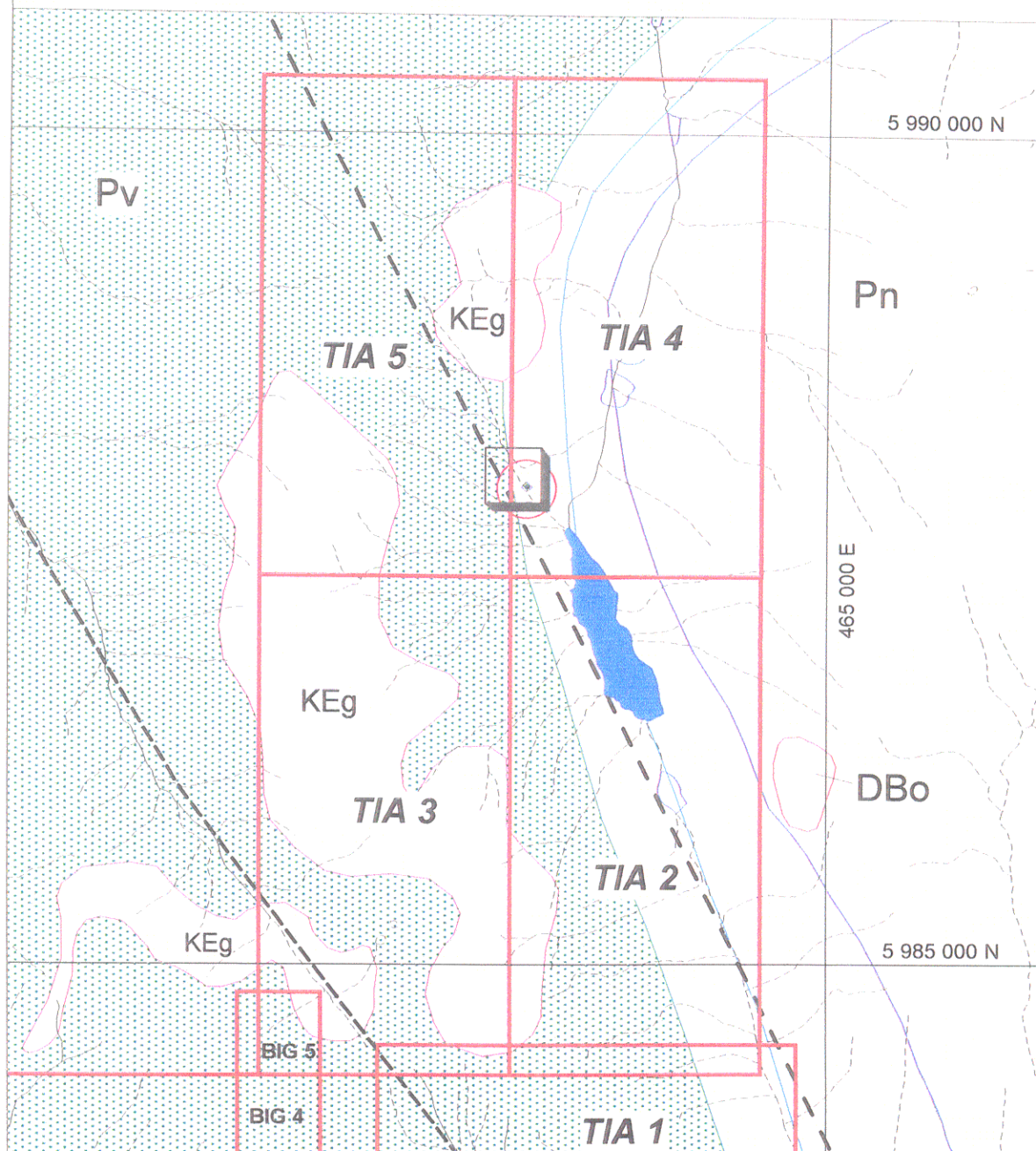
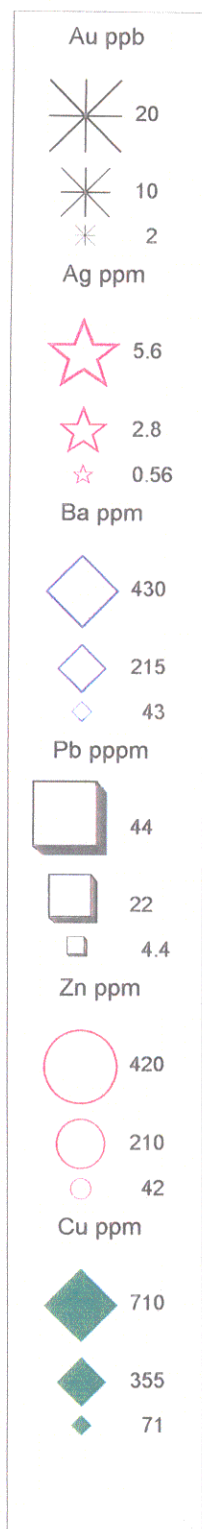
Stream Sediment Geochemistry
Tia North Claims

Date: January 14, 1999

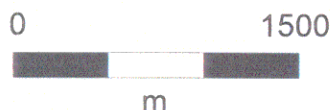
Figure: 6-7

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

Rock Geochemistry
Tia North Claims

Date: January 14, 1999

Figure: 6-13

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

6.3.2. TIA North Claims

The Py FV unit was observed to outcrop in a northwesterly trend in cliff faces on the western side of TIA Lake valley (Figures 6-2). Stream Sediment samples were taken at the north end of the lake to evaluate the Py FV up-slope. Almost all the stream sediment samples that were taken were very poor quality and only of limited Area of Influence because of dilution by an alluvial fan.

Stream sediments (98437-98442) from the north end of Tia Lake (Figure 6-7) returned elevated values for Zn (104-112 ppm) and Pb (6 ppm). Although only weakly anomalous, these values may be of significance considering the poor nature of material sampled.

A 0.4 m chip sample (301562) was taken from a small outcrop in a creek draining into the north end of Tia Lake that returned strongly anomalous values of 370 ppm Zn and 44 ppm Pb. The outcrop consisted of rusty, pyritic, micaceous schist that may be interpreted as being an exhalite unit. Exhalite units are associated with "white smokers" and also form as chemical precipitates marginal or lateral to "black smoker" VMS deposits.

6.3.3. Tia South Claims

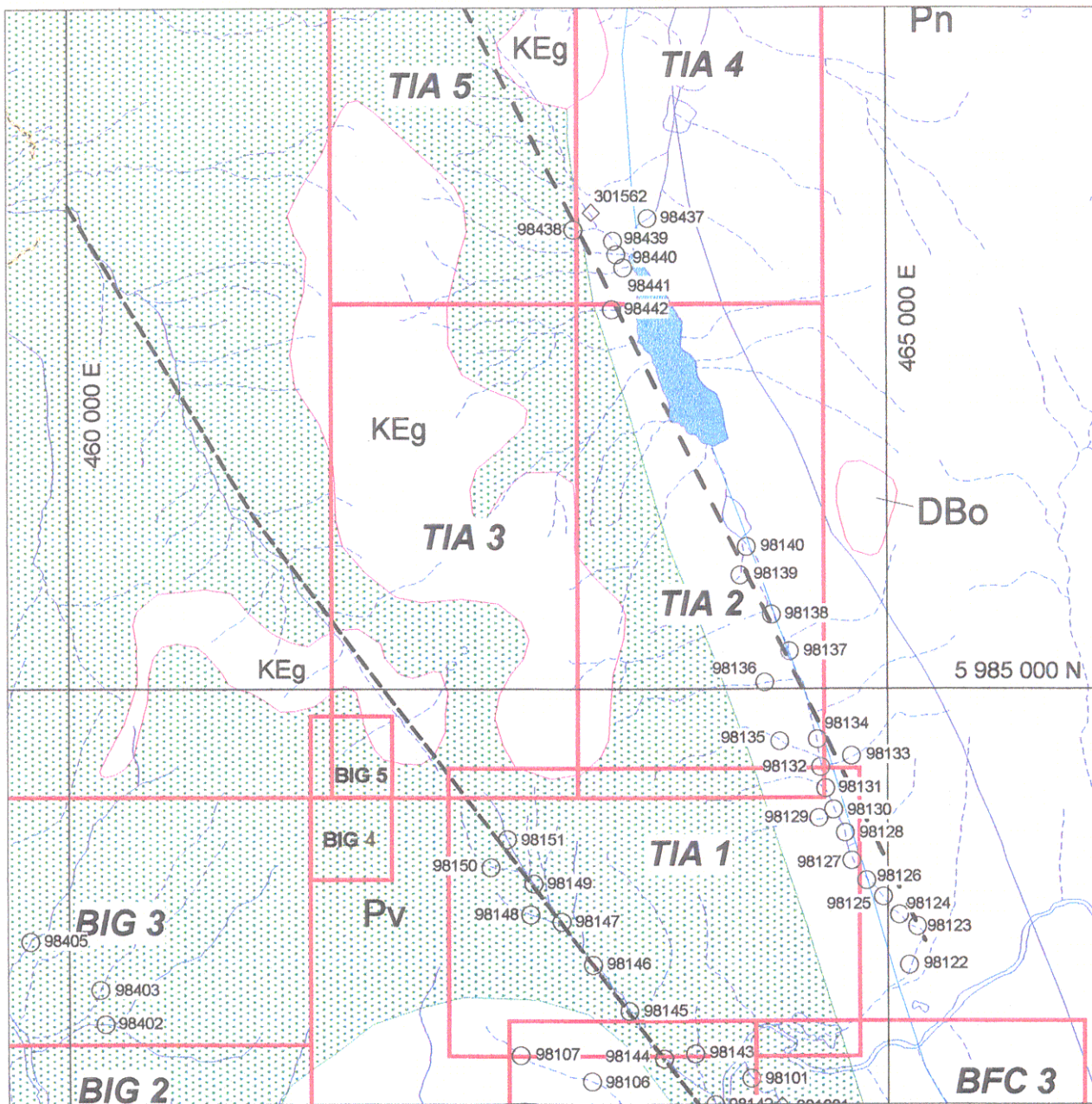
A fault bounded northwest trending apparent graben feature underlies the TIA 1, 2 and 3 claims (Figure 6-3). The western margin of the graben is marked by a fault running along Tia 1 Creek and in the drainage to the northwest. The eastern margin is marked by a large regional fault along the Tia Lake valley. A young granite intrusive is hosted in the core of the graben.

VMS deposits are often distributed along graben margins where proximal volcanic and related hydrothermal activity is associated with crustal rifting. The west graben fault along TIA 1 Creek and the east graben fault along TIA Lake valley were both investigated by detailed stream sediment sampling.

Stream sediment values along TIA 1 Creek returned low Cu and Pb values and only moderately elevated values in Zn (116-154 ppm). Sample 98107 on an adjacent creek underlain by intrusive returned elevated Ba, Fe, Pb and Zn.

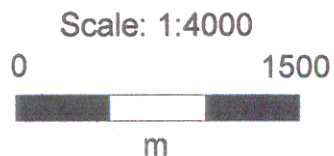
Extensive sampling was conducted along the eastern graben fault occupying the steep glacial filled valley that contains TIA Lake and the relatively flat swampy drainages (98122-98140). Because of the glacial till, stream sediment sampling in this area yielded poor quality samples thus greatly reducing the detection distance from a mineralized source.

No significant base metal values were detected. Elevated Ba values (100-160 ppm) is present in many samples.



LEGEND

- stream sediment sample location
- ◇ rock sample location



Bishop Resources Inc.

Scotia Project

Sample Location Map
Tia South Claims

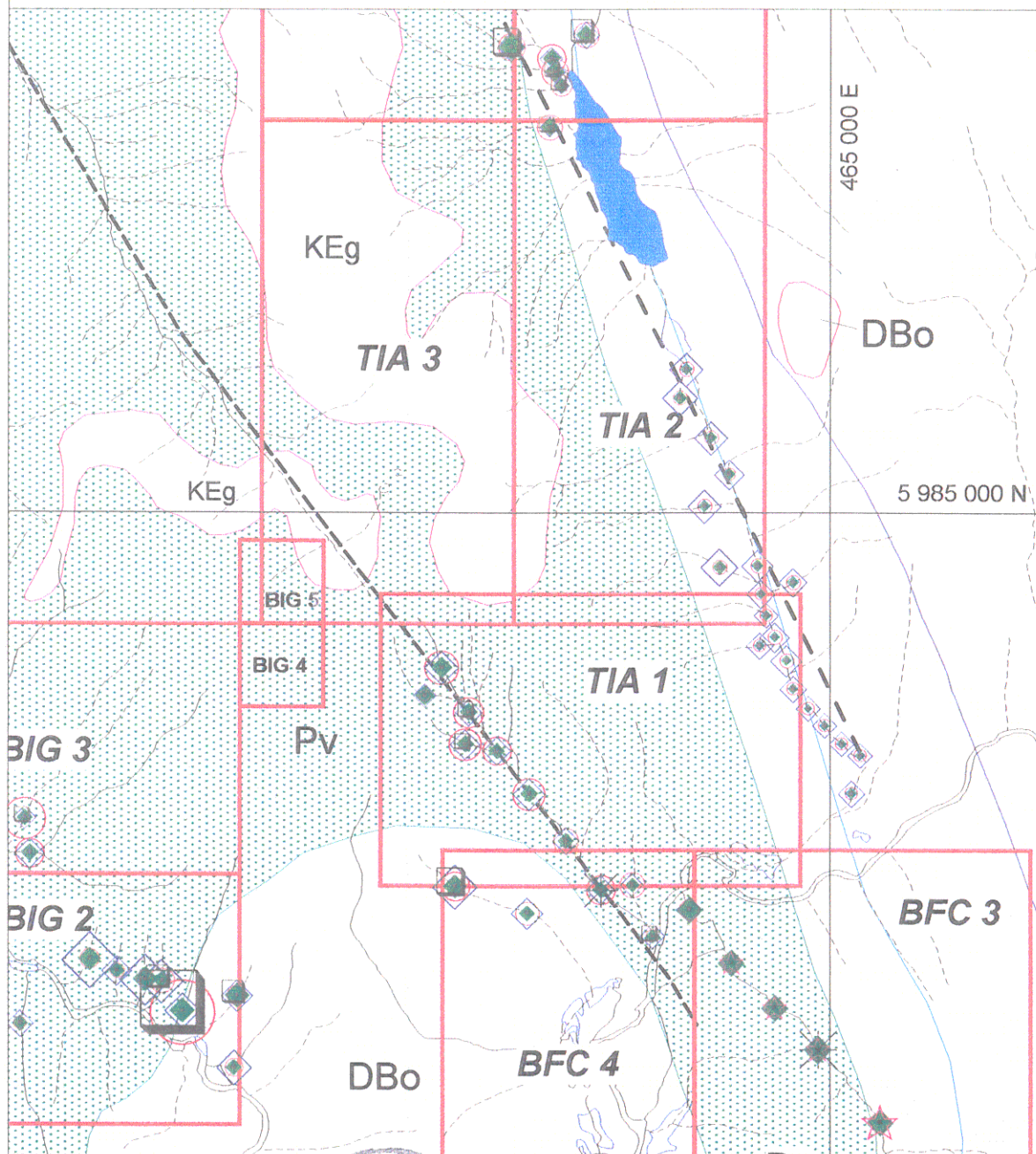
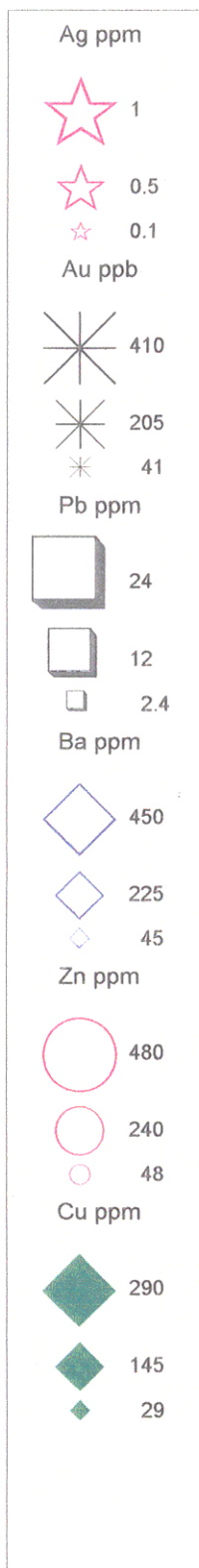
Date: January 14, 1999

Figure: 6-3

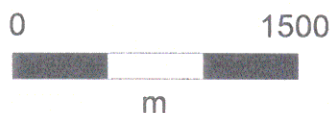
Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

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LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

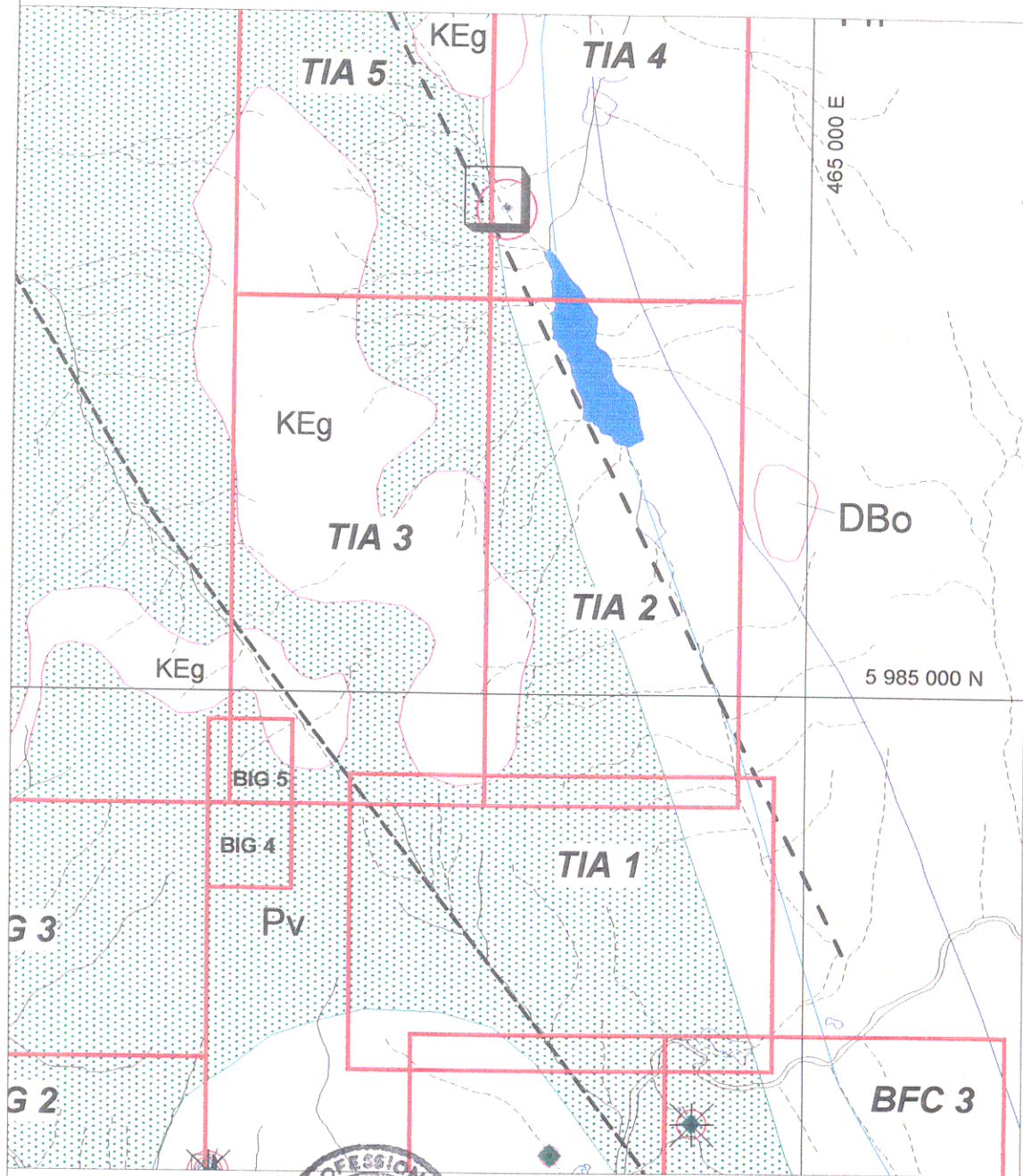
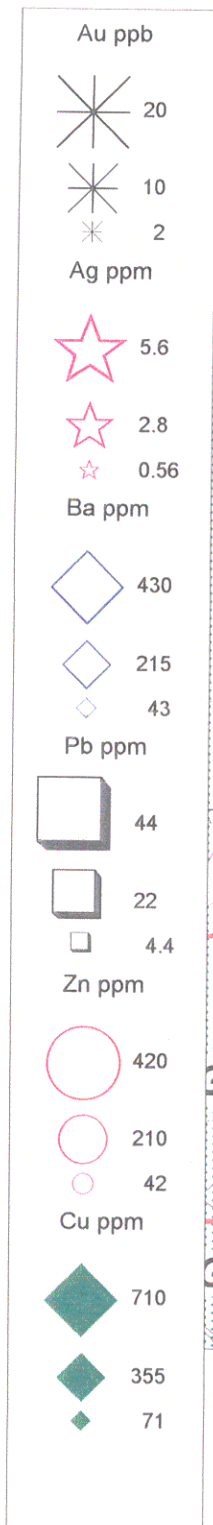
Stream Sediment Geochemistry
Tia South Claims

Date: January 14, 1999

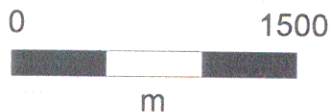
Figure: 6-8

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

Rock Geochemistry
Tia South Claims

Date: January 14, 1999

Figure: 6-14

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

6.3.4. BFC Claims

A major north-draining creek (named "No Creeks Creek" because of lack of west draining creeks) dissects the BFC 1, 2 and 3 claims (Figure 6-4). No Creeks Creek generally follows the contact between the favorable Pv volcanic unit to the west and the Ps sedimentary rocks to the east.

The drainage was sampled in two areas based on the following:

- VMS deposits often occur at the volcanic and overlying sediment contact,
- RGS and previous Company sampling encountered anomalies,
- Rusty Py FV was observed along the western margins of the creek during helicopter access.

Sampling along the lower reaches of No Creeks Creek (98101-98105) returned low values with the exception of an erratic high Au value of 160 ppb.

Sampling on the BFC 2 claim encountered anomalous Cu values of 107-148 ppm and elevated Zn and Ag values.

A 2 m rock chip sample from an altered volcanic float creek boulder (301564) returned anomalous values for Cu of 193 ppm, Ag of 5.6 ppm and 6.4% Fe. Further upstream, an altered pelagic meta-sediment float boulder containing 5% Py (301565) returned 164 ppm Cu, 416 Zn, 4.2 ppm Ag, 104 ppm Ni and 86 ppm Mo.

Stream Sediment sampling in the upper reaches of No Creeks Creek on the BFC1 claim encountered elevated Cu and one anomalous value (98447) for Ag of 1.0 ppm.

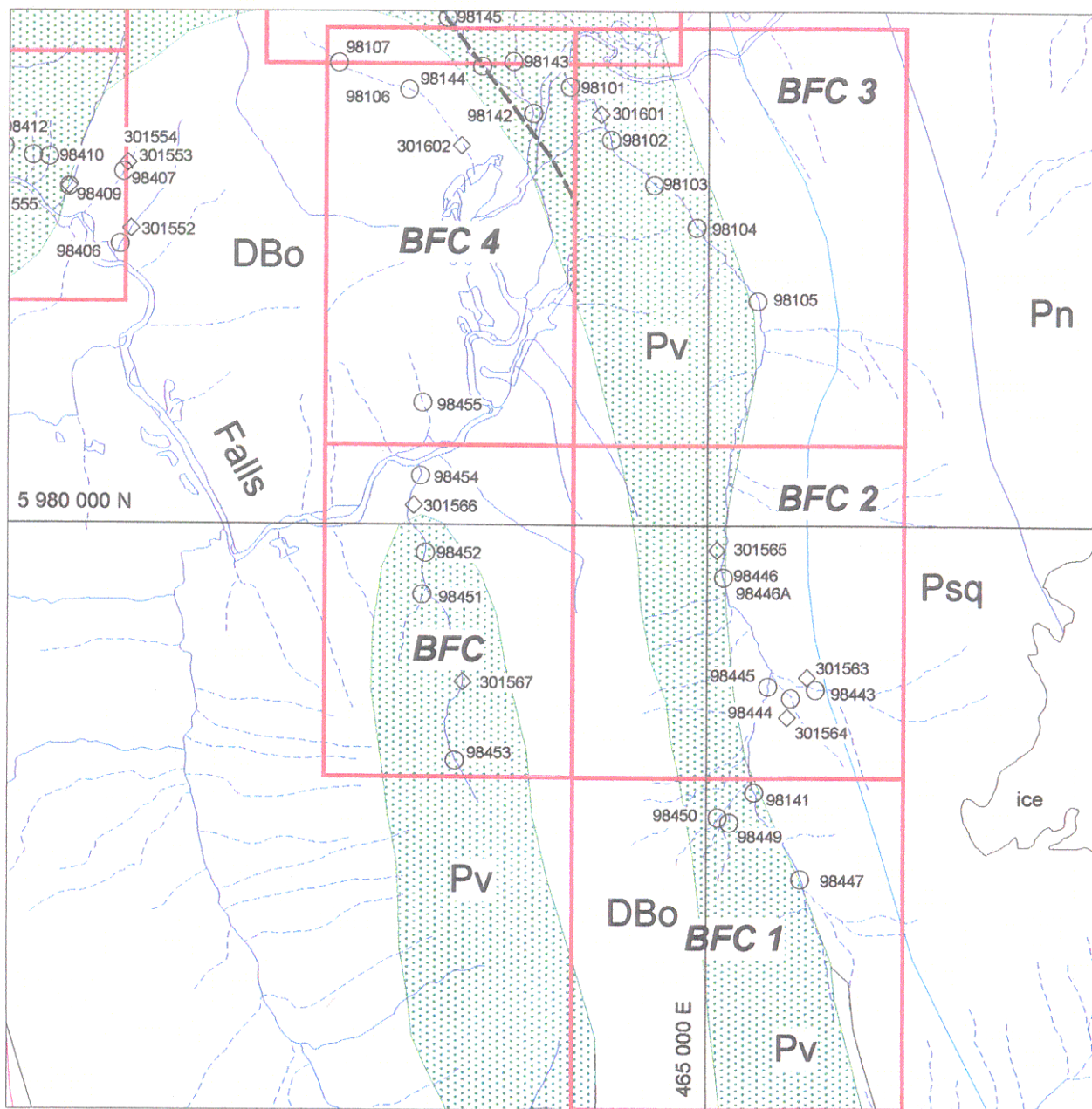
On the BFC claim, a pendant of Pv volcanics is hosted in the (corral?) DBo Big Falls Creek batholith. Stream sediment and creek float sampling from this area returned weakly anomalous values for Cu, Zn and Au.

6.3.5. IYF Claims

The IYF claims are part of the Ecstall North Claim Group and lie along strike to the north of the Ecstall VMS belt.

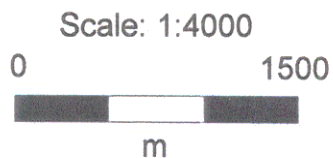
Extensive sediment and rock sampling was conducted in a creek in the center of the IYF 1 claim (Figure 6-5). Anomalies and mineralization had been encountered in this locality during a previous survey.

With the exception of Pb, all selected elements returned anomalous stream sediment results. Higher values include 104 - 287 ppm Cu, 102 - 120 Zn, 155 - 405 ppb Au, 0.6 ppm Ag and 230 ppm Ba.



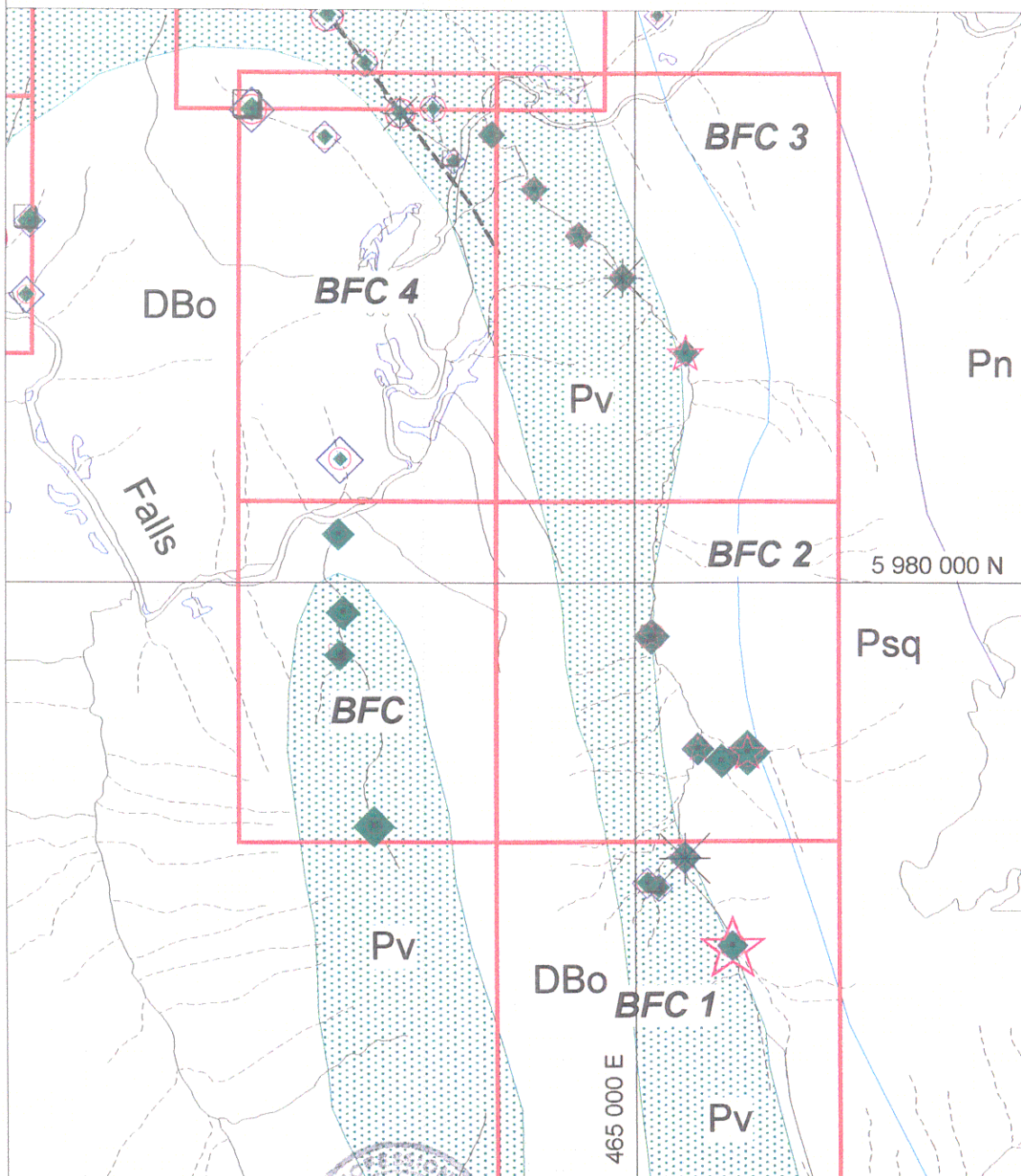
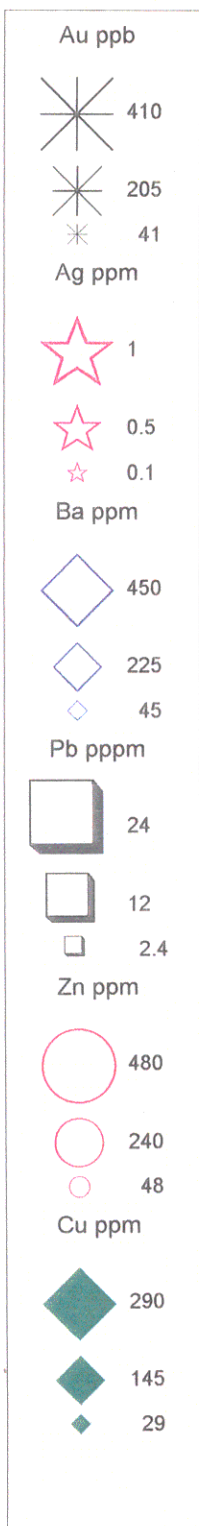
LEGEND

- stream sediment sample location
- ◇ rock sample location



Bishop Resources Inc.	
Scotia Project	
Sample Location Map BFC Claims	
Date: January 14, 1999	Figure: 6-4
Compiled for Arnex Resources Ltd. By Great Bear Geological Services Inc.	

LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

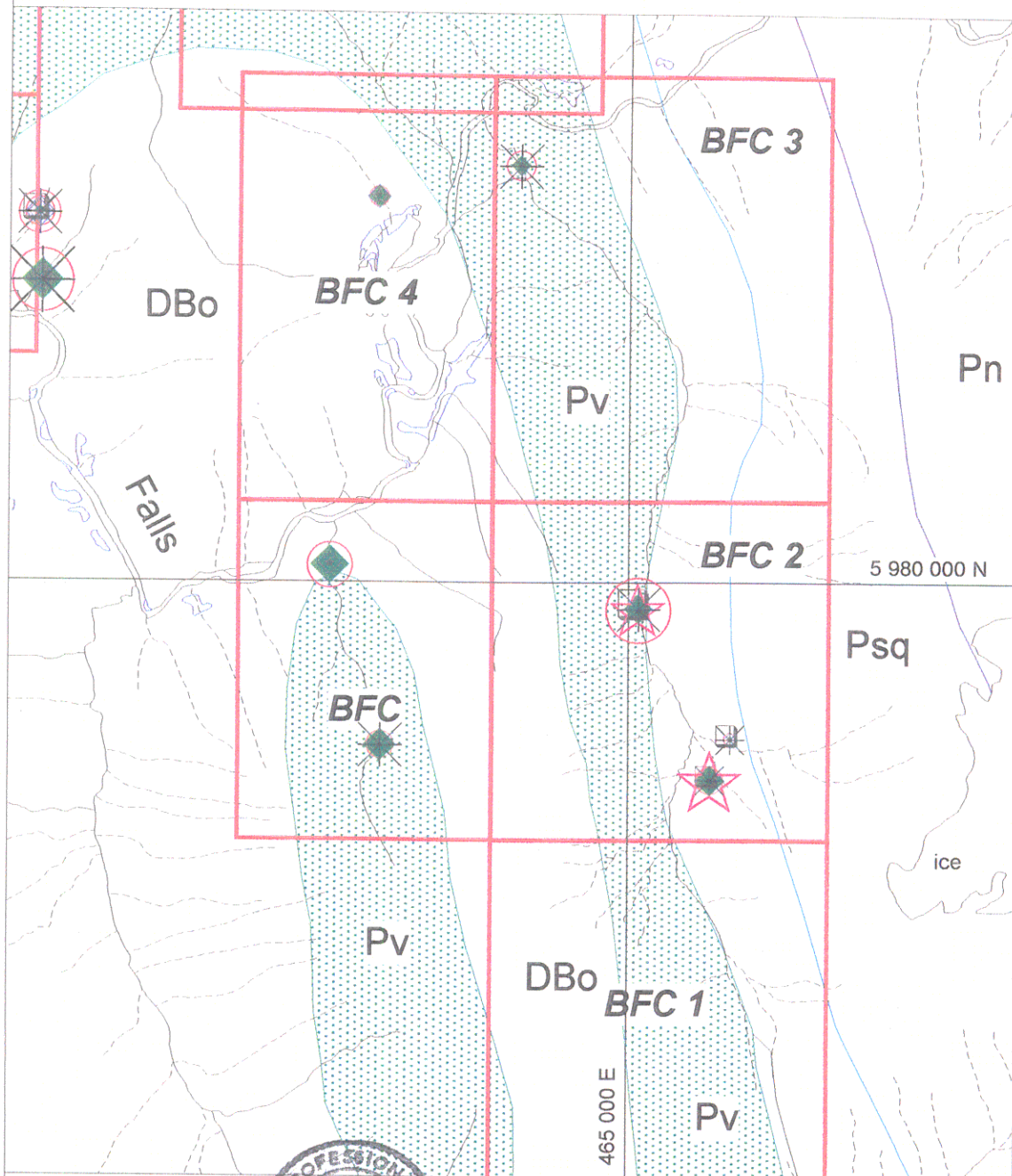
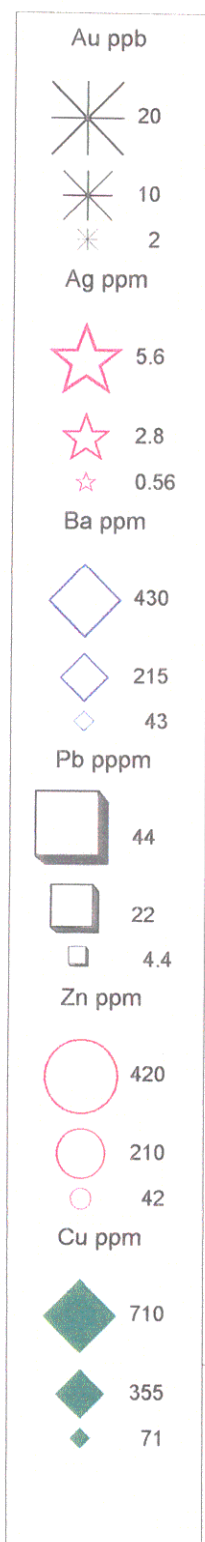
Stream Sediment Geochemistry
BFC Claims

Date: January 14, 1999

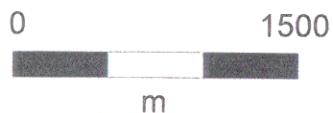
Figure: 6-9

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

LEGEND



Scale: 1:4000



Bishop Resources Inc.

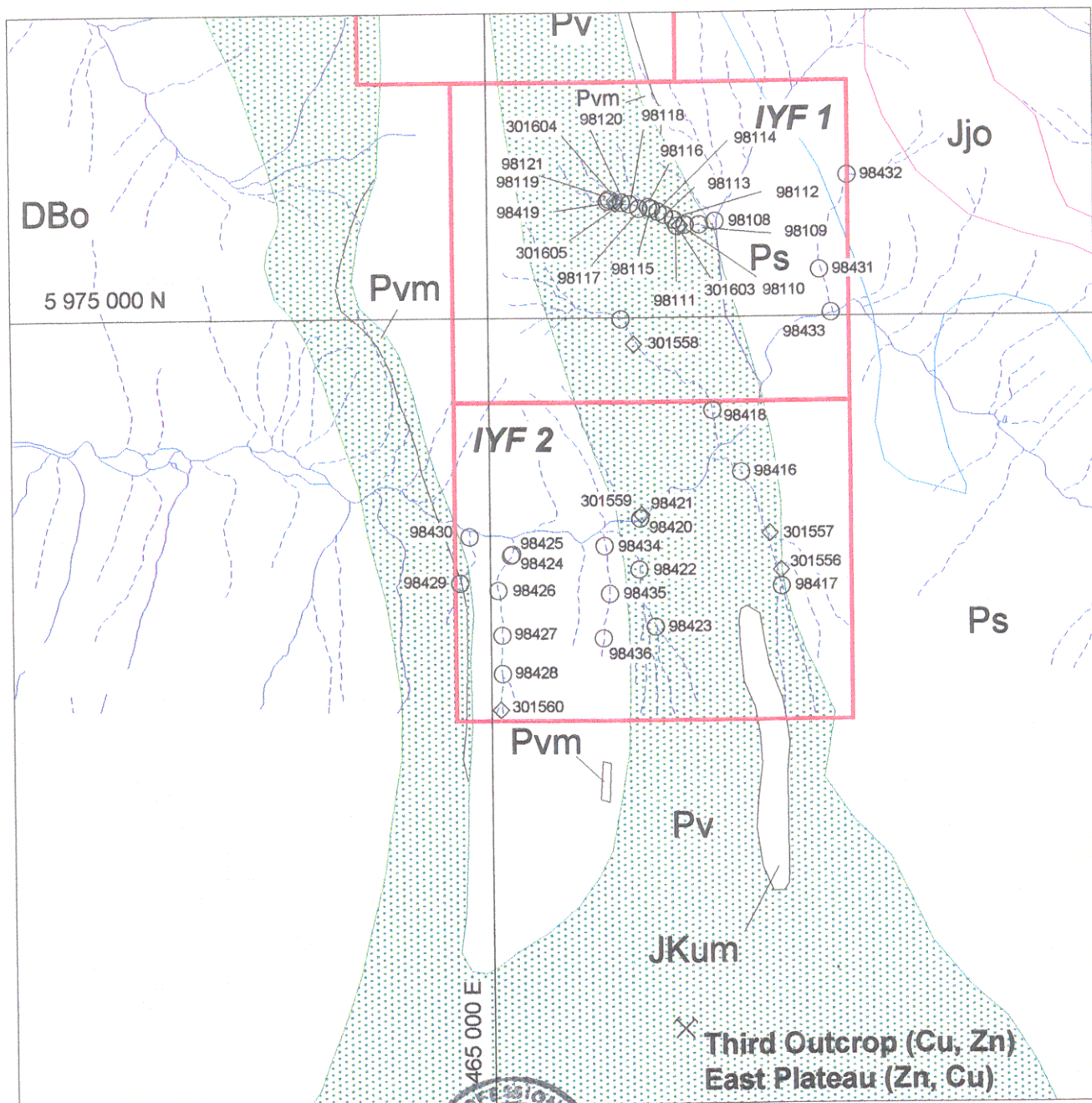
Scotia Project

Rock Geochemistry
BFC Claims

Date: January 14, 1999

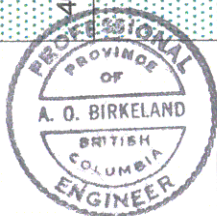
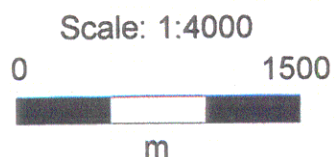
Figure: 6-15

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.



LEGEND

- stream sediment sample location
- ◇ rock sample location



Bishop Resources Inc.

Scotia Project

Sample Location Map
IYF Claims

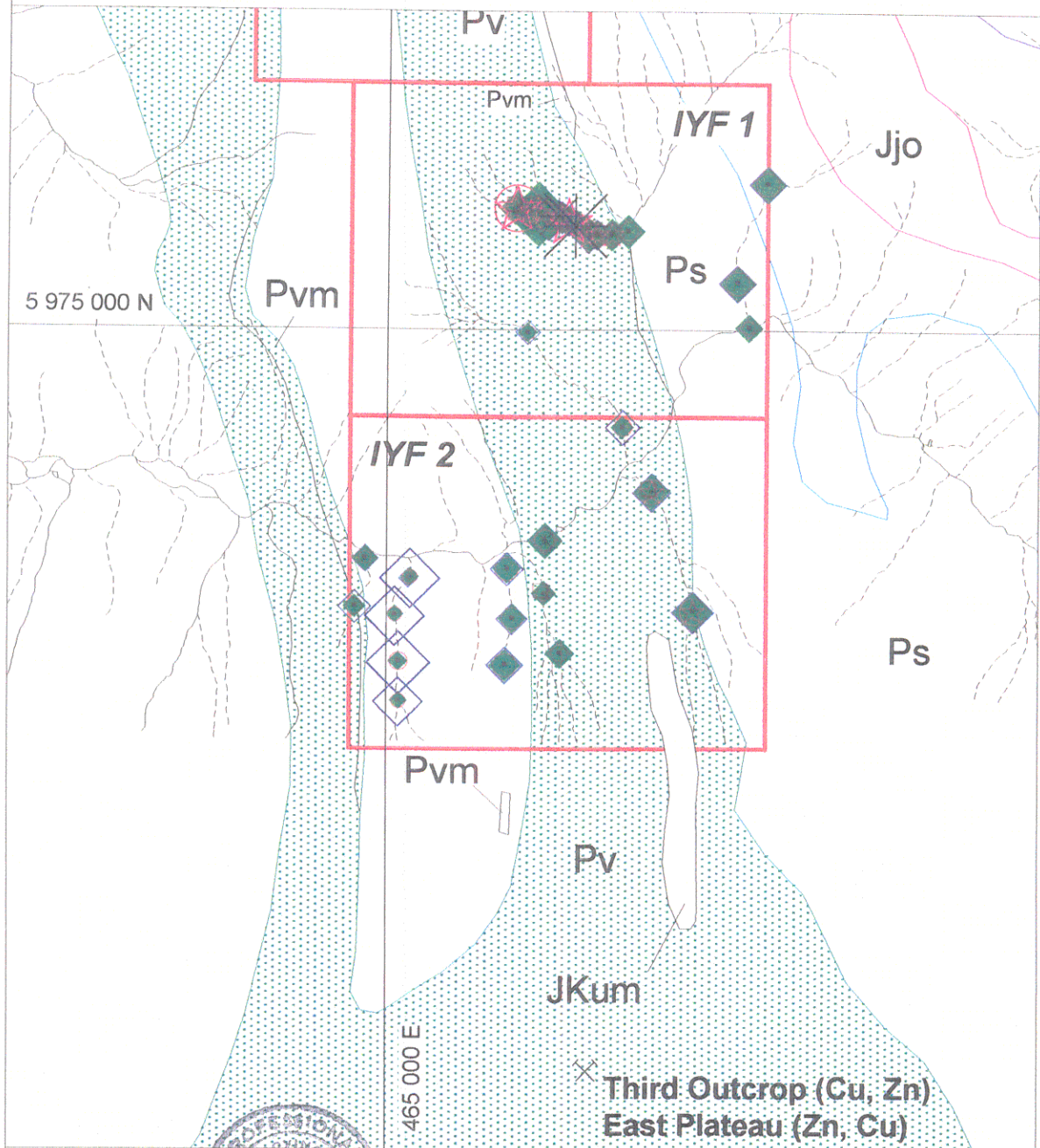
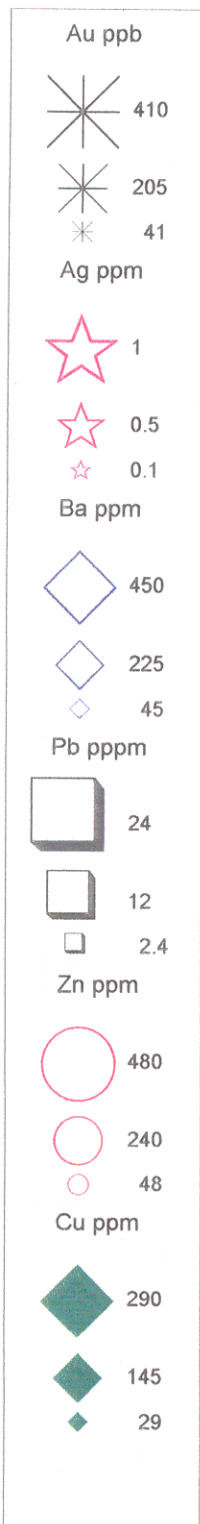
Date: January 14, 1999

Figure: 6-5

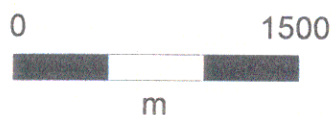
Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

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LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

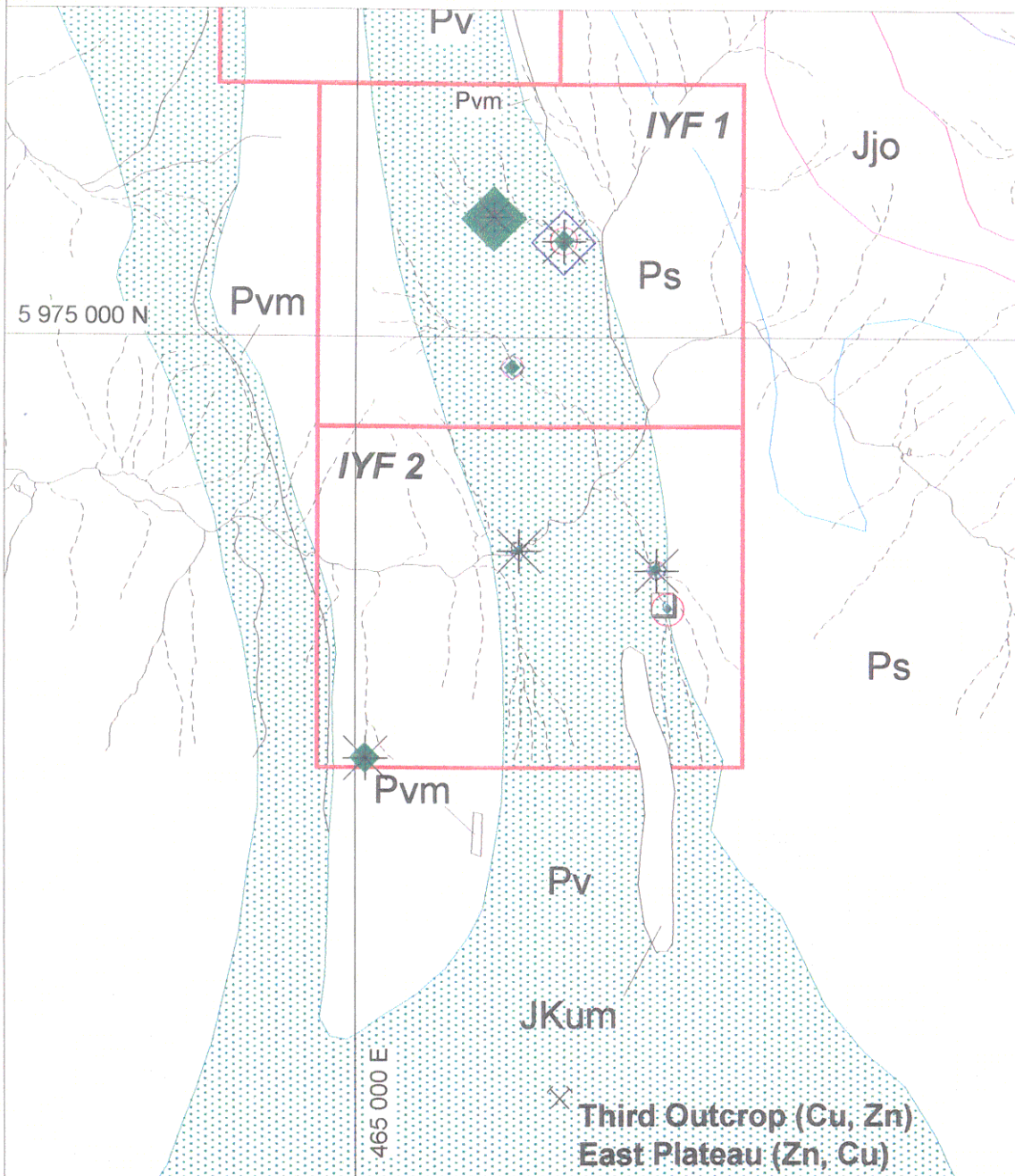
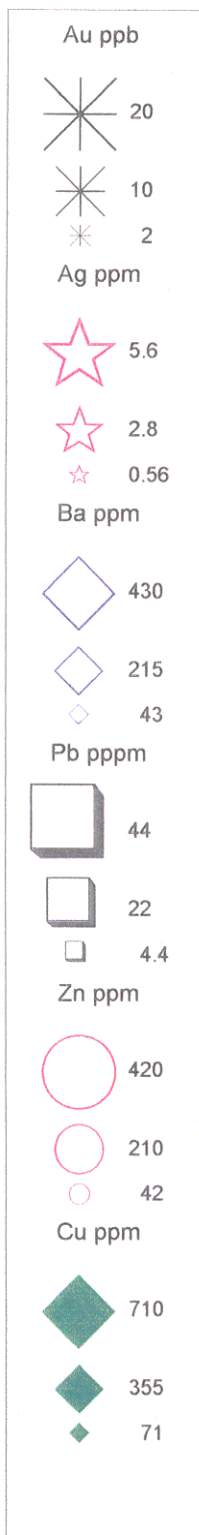
Stream Sediment Geochemistry
IYF Claims

Date: January 14, 1999

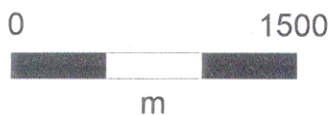
Figure: 6-10

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

LEGEND



Scale: 1:4000



Bishop Resources Inc.

Scotia Project

Rock Geochemistry
IYF Claims

Date: January 14, 1999

Figure: 6-16

Compiled for Arnex Resources Ltd.
By Great Bear Geological Services Inc.

Py FV outcrops and float was observed in the creek bed. A 0.3 m grab sample from an angular float boulder that was intensely weathered and leached returned values of 700 ppm Cu and 200 ppm Ba (Figure 6-16).

Sediment and rock sampling of the Pv volcanic unit directly on strike to the north of the Ecstall deposits on the IFY 2 Claim returned elevated to weakly anomalous base and precious metal values (Figures 6-10, 6-16). Stream Sediment sampling returned anomalous values within a drainage underlain by the Big Falls orthogneiss.

7. CONCLUSIONS AND RECOMMENDATIONS

7.1. Big Claims

The Py FV unit outcropping on the Big claim group indicates a favourable geologic environment is present for hosting Sootie-Ecstall style VMS mineralization. The unit was observed to host very widespread base metal mineralization on a geochemical scale in both rock and stream sediment sampling. Only a very limited amount of time was spent evaluating this area. Despite surprising low values for samples taken (probably due to geochemical factors), the discovery of this Albers like mineralized felsic unit in this locality demonstrates that there is potential for base metal VMS occurrences associated with, or related to, this unit. The unit should be traced along strike and prospected and sampled in more detail, especially at the lower and upper contact within the volcano-sedimentary pile.

The pyritic mafic footwall volcanics that probably underlie the Py FV are present on the Big 3 claim and are anomalous in base metals. The creeks should be further prospected up-drainage to the northeast targeting that the PY FV may be present and since the footwall Py MV are mineralized, an environment to host VMS occurrences is indicated.

7.2. Tia North Claims

The combination of a weak geochemical stream sediment response coupled with finding a what may be a mineralized exhalite bed in outcrop indicates the presence of a favourable geologic environment for finding a cluster of VMS deposits.

Numerous creeks drain the favourable Py FV unit that outcrops along the west side of Tia Lake. These drainages should be sampled and prospected in the steeply incised creek beds above the alluvial fan in the valley bottom. Toe-in landings with a high skid gear helicopter would be required to land in the creek beds as the bush on the alluvial fan is almost impossible to penetrate on foot.

7.3. TIA South Claims

Stream Sediment sampling along the western margin of the graben on the TIA 1 to 3 claims failed to detect any significant base or precious metal anomalies. Additional work should only be considered if there are discoveries along strike.

Sampling along the eastern margin of the graben failed to detect base metals but was elevated in Ba. The valley is mapped as being underlain by sediments (Ps unit) and the elevated Ba values may be distal to the Py-Ps contact to the west. Additional sampling should be done high up on all drainages draining from the west into TIA Creek valley.

7.4. BFC Claims

The lower portion of No Creeks Creek appears to be the extension of the east graben fault on the TIA 1 claim and returned low values similar to the area to the northwest with the exception of one erratic Au value.

Farther up the drainage, both base and precious metal values were encountered in both sediment and creek float sampling and numerous gossanous outcrops were observed from the helicopter. A favourable geological setting is indicated and additional prospecting and detailed sampling is recommended.

Additional detailed sampling should be considered of the volcanic pendant on the BFC claim if follow up work in No Creeks Creek is encouraging.

7.5. IYF Claims

The presence of highly anomalous Stream Sediments and creek float indicates a mineralized source is present within the catchment basin. Cu values are relatively high compared to Zn values indicating that the anomalies may be relatively "near source". Intensive helicopter supported prospecting, geological mapping and sampling are recommended for the catchment basin and on strike to the north and south.

Higher density sampling is required on the IYF claim and should be a high priority contingent on results on the IYF 1 claim.

8. CERTIFICATE OF QUALIFICATION AND CONSENT

I, Arne O. Birkeland, do hereby certify that:

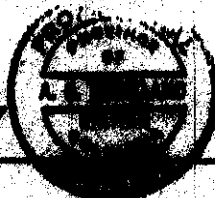
1. I am a Geological Engineer in the employ of Arnex Resources Ltd. with offices at 2069 Westview Drive, North Vancouver, British Columbia.

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 Association of British Columbia since 1975, Registration Number 9870.
4. My primary employment since 1966 has been in the field of mineral exploration and development, namely as a Geological Engineer.
5. My experience has encompassed a wide range of geological environments including extensive experience in classification of deposit types as well as considerable familiarization with geochemical and geophysical survey techniques and diamond drilling procedures.
6. I have conducted and supervised the field exploration work as reported on the subject properties. I have authored this report that is based on observations and sample results obtained during the 1998 exploration program.
7. The author owns equity shares in Bishop Resources Inc. as a result of an interest in an option agreement between Bishop Resources Inc., Falconbridge Limited, Arnex Resources Ltd. and Arne O. Birkeland on the core Scotia property. The author holds no interest in the South Scotia properties that are the subject of this report.
8. I consent for Bishop Resources Inc. to use this technical report to file as an assessment report and also for use as required by regulatory authorities.

Dated at North Vancouver, British Columbia,

This 15th day of February, 1999

A. O. Birkeland
Arne O. Birkeland, P. Eng.
President, Arnex Resources Ltd.



Appendix A

Claim Tenure - South Scotia Project

Claim Name	Units	Tenure #	Record Date	Expiry Date	Owner
Big Claim Group					
BIG 1	9	360898	November 27, 1997	November 27, 1999	Bishop Resources Inc.
BIG 2	15	360897	November 27, 1997	November 27, 1999	Bishop Resources Inc.
BIG 3	15	360898	November 27, 1997	November 27, 1999	Bishop Resources Inc.
Big 4	1	365117	October 11, 1998	October 11, 2000	Bishop Resources Inc.
Big 5	1	365118	October 11, 1998	October 11, 2000	Bishop Resources Inc.
TIA 3	18	360907	November 29, 1997	November 29, 1999	Bishop Resources Inc.
TIA 4	18	360908	November 29, 1997	November 29, 1999	Bishop Resources Inc.
TIA 5	18	360909	November 29, 1997	November 29, 1999	Bishop Resources Inc.
Total	95				
Scotia South Claim Group					
TIA 1	20	360905	December 03, 1997	December 03, 1999	Bishop Resources Inc.
TIA 2	18	360906	November 29, 1997	November 29, 1999	Bishop Resources Inc.
BFC	12	360877	November 09, 1997	November 09, 1999	Bishop Resources Inc.
BFC 3	20	360872	November 23, 1997	November 23, 1999	Bishop Resources Inc.
BFC 4	15	360904	November 28, 1997	November 28, 1999	Bishop Resources Inc.
Total	85				
Ecotail North Claim Group					
BFC 1	16	360870	November 22, 1997	November 22, 1999	Bishop Resources Inc.
BFC 2	16	360871	November 22, 1997	November 22, 1999	Bishop Resources Inc.
IYF 1	20	360910	November 22, 1997	November 22, 1999	Bishop Resources Inc.
IYF 2	20	360911	November 22, 1997	November 22, 1999	Bishop Resources Inc.
Total	72				

Appendix B

Statement of Expenditures

Work For:

Bishop Resources Inc.
414 Viewcrest Road
Kelowna, B. C.
V1W 4J8

Work By:

Amex Resources Ltd.
2089 Westview Drive
North Vancouver, B. C.
V7M 3B1

Date:

For the Period September 19 to October 28, 1998
Field Work Between October 5 to 11, 1998

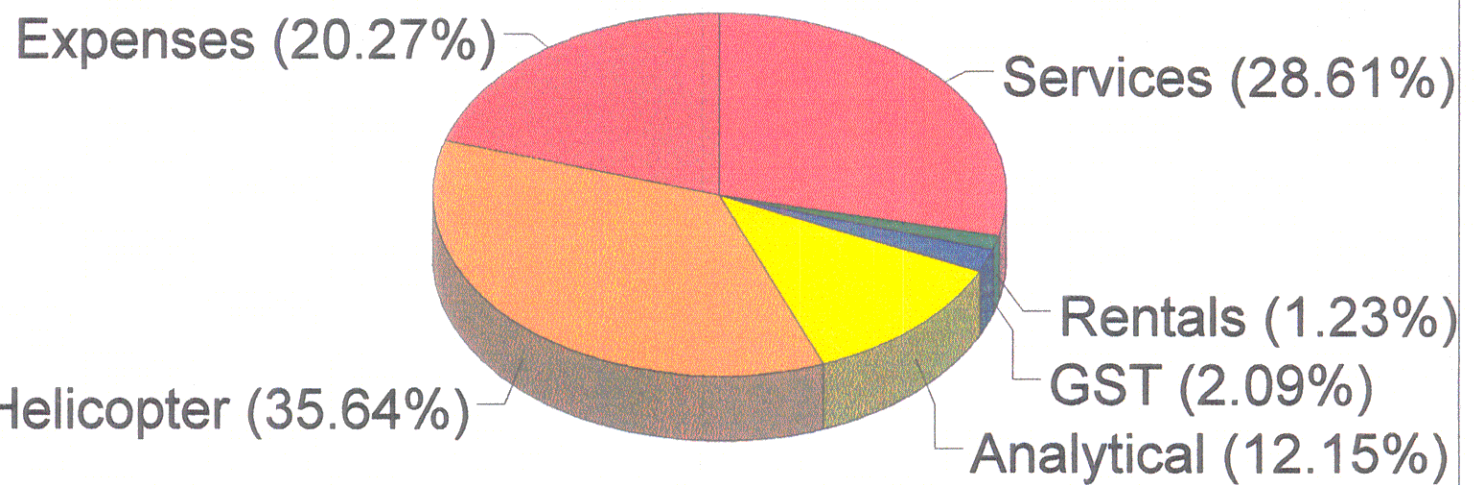
Re:

Scotia South - Geochemical Surveys
Assessment Work Program

scotiaspaserp03

Description		Cost /unit	number units	Amount
Services	P. Eng., Field days	\$500.00 /day	7.000 day	\$3,500.00
	Geo assistant	\$330.00 /day	7.000 day	\$2,310.00
Subtotal Services			14.00	\$5,810.00
Rentals	ICH 18 Radios (3)	\$267.50 /mo	0.933 mo	\$249.67
GST - Services, Rentals				\$424.18
Expenses	Board	\$45.00 /day	14.000 day	\$630.00
	Room	\$30.00 /day	14.000 day	\$420.00
	Airfare	\$225.00 /trip	2.000 trip	\$450.00
	Helicopter (206)	\$770.00 /hr	9.400 hr	\$7,238.00
	Vehicle Rental			\$391.04
	Field supplies	\$23.54 /day	14.000 day	\$329.56
	Stream seds, soils	\$20.17 /ampl	106.000 ampl	\$2,137.97
	Rock Geochem	\$23.36 /ampl	12.000 ampl	\$280.55
	Freight			\$145.47
	Digitizing data	\$400.00 /day	2.000 day	\$800.00
	Report			\$1,000.00
Subtotal Expenses				\$13,822.59
TOTAL				\$20,306.43

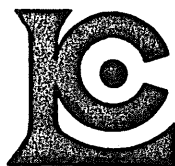
Scotia South 1998 Geochemical Program Statement of Expenditures



Appendix C

Analytical Procedures and Certificates

Chemex Labs



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

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

A9833618

Comments: ATTN: ARNE BIRKELAND FAX: NANCY SINNOTT

CERTIFICATE

A9833618

(AN) - ARNEX RESOURCES LIMITED

Project: SCOTIA SOUTH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-OCT-1998.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	106	Dry, sieve to -80 mesh
202	106	save reject
229	106	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	106	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	106	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	106	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	106	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	106	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	106	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	106	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	106	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	106	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	106	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	106	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	106	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	106	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	106	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	106	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	106	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	106	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	106	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	106	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	106	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	106	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	106	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	106	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	106	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	106	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	106	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	106	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	106	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	106	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	106	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	106	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	106	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	106	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

Project : SCOTIA SOUTH
Comments: ATTN: ARNE BIRKELAND FAX: NANCY SINNOTT

Page Number : 1-A
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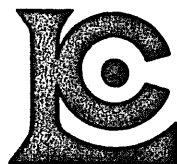
CERTIFICATE OF ANALYSIS

A9833618

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
98101	201 202	< 5	< 0.2	1.10	2	90	< 0.5	< 2	0.78	< 0.5	9	25	59	2.14	< 10	< 1	0.21	< 10	0.61	295
98102	201 202	< 5	0.2	0.97	< 2	70	< 0.5	< 2	0.82	0.5	10	25	61	2.34	< 10	< 1	0.18	< 10	0.53	285
98103	201 202	< 5	0.2	1.17	2	90	< 0.5	< 2	0.84	< 0.5	9	27	59	2.26	< 10	< 1	0.20	< 10	0.65	330
98104	201 202	160	0.2	1.20	2	90	< 0.5	< 2	0.78	0.5	11	28	67	2.46	< 10	< 1	0.22	< 10	0.68	345
98105	201 202	< 5	0.4	1.25	< 2	90	< 0.5	< 2	0.83	0.5	11	29	66	2.52	< 10	< 1	0.22	< 10	0.70	370
98106	201 202	< 5	< 0.2	0.99	< 2	140	< 0.5	< 2	0.71	< 0.5	7	16	26	3.80	< 10	< 1	0.35	30	0.58	665
98107	201 202	< 5	< 0.2	1.54	< 2	230	< 0.5	< 2	0.80	< 0.5	17	25	50	4.12	< 10	< 1	0.56	< 10	0.93	1065
98108	201 202	< 5	< 0.2	1.26	< 2	100	< 0.5	< 2	1.34	< 0.5	13	27	95	2.63	< 10	< 1	0.45	< 10	0.82	455
98109	201 202	10	0.2	1.32	< 2	100	< 0.5	< 2	0.95	0.5	12	27	85	2.51	< 10	< 1	0.23	< 10	0.70	435
98110	201 202	10	0.2	1.43	< 2	120	< 0.5	< 2	0.93	0.5	11	28	78	2.49	< 10	< 1	0.26	< 10	0.76	410
98111	201 202	< 5	0.2	1.67	< 2	150	< 0.5	< 2	0.84	0.5	12	33	91	2.76	< 10	< 1	0.30	< 10	0.93	480
98112	201 202	25	0.2	1.29	< 2	100	< 0.5	< 2	0.97	0.5	12	27	81	2.60	< 10	< 1	0.22	< 10	0.67	410
98113	201 202	405	0.2	1.44	< 2	110	< 0.5	< 2	1.05	0.5	11	29	77	2.56	< 10	< 1	0.25	< 10	0.75	415
98114	201 202	< 5	0.6	1.36	< 2	120	< 0.5	< 2	0.88	0.5	11	27	76	2.50	< 10	< 1	0.26	< 10	0.73	375
98115	201 202	< 5	0.2	1.59	< 2	130	< 0.5	< 2	0.85	0.5	12	32	81	2.62	< 10	< 1	0.27	< 10	0.88	455
98116	201 202	155	0.2	1.80	< 2	130	< 0.5	< 2	0.88	0.5	13	35	84	2.87	< 10	< 1	0.29	< 10	0.97	505
98117	201 202	< 5	< 0.2	2.90	< 2	240	< 0.5	< 2	0.50	0.5	22	60	144	3.58	< 10	< 1	0.50	< 10	1.49	935
98118	201 202	< 5	0.2	2.69	< 2	170	< 0.5	< 2	0.71	1.0	19	64	287	3.08	< 10	< 1	0.49	< 10	1.55	550
98119	201 202	< 5	0.2	1.40	< 2	110	< 0.5	< 2	0.99	0.5	11	27	80	2.47	< 10	< 1	0.24	< 10	0.73	410
98120	201 202	< 5	0.2	1.70	< 2	140	< 0.5	< 2	1.01	1.0	15	33	104	2.95	< 10	< 1	0.29	< 10	0.91	555
98121	201 202	< 5	0.6	1.51	< 2	140	< 0.5	< 2	0.74	2.0	11	32	99	2.23	< 10	< 1	0.27	< 10	0.76	535
98122	201 202	< 5	< 0.2	0.65	< 2	100	< 0.5	< 2	0.44	< 0.5	6	12	16	1.28	< 10	< 1	0.29	< 10	0.46	245
98123	201 202	< 5	< 0.2	0.59	< 2	90	< 0.5	< 2	0.40	< 0.5	5	11	13	1.12	< 10	< 1	0.28	< 10	0.43	205
98124	201 202	< 5	< 0.2	0.63	< 2	90	< 0.5	< 2	0.40	< 0.5	5	12	11	1.16	< 10	< 1	0.30	< 10	0.46	215
98125	201 202	< 5	< 0.2	0.67	< 2	90	< 0.5	< 2	0.50	< 0.5	5	13	11	1.18	< 10	< 1	0.30	< 10	0.47	200
98126	201 202	< 5	< 0.2	0.69	< 2	90	< 0.5	< 2	0.41	< 0.5	5	12	10	1.19	< 10	< 1	0.29	< 10	0.50	200
98127	201 202	< 5	< 0.2	0.76	< 2	100	< 0.5	< 2	0.47	< 0.5	6	14	12	1.36	< 10	< 1	0.33	< 10	0.53	250
98128	201 202	< 5	< 0.2	0.92	< 2	130	< 0.5	< 2	0.36	< 0.5	7	17	13	1.53	< 10	< 1	0.42	< 10	0.67	260
98129	201 202	10	< 0.2	0.75	< 2	100	< 0.5	< 2	0.52	< 0.5	6	14	13	1.34	< 10	< 1	0.32	< 10	0.52	245
98130	201 202	< 5	< 0.2	0.88	< 2	120	< 0.5	< 2	0.51	< 0.5	7	16	14	1.55	< 10	< 1	0.42	< 10	0.63	285
98131	201 202	< 5	< 0.2	0.70	< 2	90	< 0.5	< 2	0.53	< 0.5	5	13	11	1.22	< 10	< 1	0.30	< 10	0.49	215
98132	201 202	< 5	< 0.2	0.77	< 2	110	< 0.5	< 2	0.46	< 0.5	6	15	14	1.35	< 10	< 1	0.35	< 10	0.55	225
98133	201 202	< 5	< 0.2	0.77	< 2	110	< 0.5	< 2	0.49	< 0.5	6	15	16	1.51	< 10	< 1	0.36	< 10	0.55	270
98134	201 202	10	< 0.2	0.88	< 2	140	< 0.5	< 2	0.33	< 0.5	6	17	16	1.55	< 10	< 1	0.45	< 10	0.66	245
98135	201 202	10	< 0.2	1.13	< 2	170	< 0.5	< 2	0.42	< 0.5	8	22	21	1.78	< 10	< 1	0.44	< 10	0.78	260
98136	201 202	< 5	< 0.2	0.96	< 2	150	< 0.5	< 2	0.37	< 0.5	7	19	15	1.66	< 10	< 1	0.49	< 10	0.72	260
98137	201 202	< 5	< 0.2	0.87	< 2	120	< 0.5	< 2	0.52	< 0.5	6	18	15	1.45	< 10	< 1	0.40	< 10	0.63	245
98138	201 202	< 5	< 0.2	1.01	< 2	150	< 0.5	< 2	0.61	< 0.5	8	20	18	1.77	< 10	< 1	0.47	< 10	0.72	290
98139	201 202	5	< 0.2	0.95	< 2	160	< 0.5	< 2	0.47	< 0.5	8	17	19	2.14	< 10	< 1	0.48	< 10	0.70	340
98140	201 202	< 5	< 0.2	0.98	< 2	150	< 0.5	< 2	0.31	< 0.5	7	19	16	1.62	< 10	< 1	0.51	< 10	0.75	255

CERTIFICATION:

[Signature]



Chemex Labs Ltd.

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To: ARNEX RESOURCES LIMITED

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

Project: SCOTIA SOUTH
Comments: ATTN: ARNE BIRKELAND FAX: NANCY SINNOTT

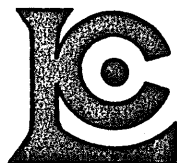
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CERTIFICATE OF ANALYSIS

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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
98101	201	202	2	0.02	16	1890	< 2	< 2	4	23	0.08	< 10	< 10	55	< 10	56
98102	201	202	2	0.02	17	2160	< 2	< 2	3	22	0.08	< 10	< 10	55	< 10	56
98103	201	202	3	0.03	16	1920	< 2	< 2	4	27	0.10	< 10	< 10	60	< 10	56
98104	201	202	2	0.02	19	1730	< 2	< 2	4	25	0.09	< 10	< 10	63	< 10	60
98105	201	202	2	0.02	19	1900	< 2	< 2	4	25	0.09	< 10	< 10	66	< 10	64
98106	201	202	1	< 0.01	11	1610	< 2	< 2	2	22	0.11	< 10	< 10	40	< 10	80
98107	201	202	3	< 0.01	21	2230	6	< 2	3	25	0.15	< 10	< 10	63	< 10	110
98108	201	202	1	< 0.01	17	4080	< 2	2	5	26	0.04	< 10	< 10	78	< 10	50
98109	201	202	3	0.03	29	2180	< 2	< 2	4	34	0.09	< 10	< 10	66	< 10	86
98110	201	202	2	0.04	27	1860	< 2	< 2	5	38	0.10	< 10	< 10	69	< 10	82
98111	201	202	4	0.04	27	1520	< 2	< 2	6	36	0.14	< 10	< 10	81	< 10	86
98112	201	202	3	0.04	28	2090	< 2	< 2	4	35	0.09	< 10	< 10	68	< 10	74
98113	201	202	4	0.04	28	2010	2	< 2	5	40	0.07	< 10	< 10	70	< 10	78
98114	201	202	2	0.03	27	1760	< 2	< 2	4	33	0.08	< 10	< 10	67	< 10	76
98115	201	202	3	0.03	28	1710	< 2	< 2	5	32	0.10	< 10	< 10	75	< 10	86
98116	201	202	3	0.03	29	1840	< 2	< 2	5	33	0.11	< 10	< 10	78	< 10	86
98117	201	202	1	0.01	32	760	< 2	< 2	8	27	0.13	< 10	< 10	102	< 10	102
98118	201	202	1	0.04	34	770	< 2	< 2	8	24	0.11	< 10	< 10	94	< 10	120
98119	201	202	3	0.04	27	1890	< 2	< 2	4	39	0.08	< 10	< 10	68	< 10	78
98120	201	202	4	0.03	37	1840	< 2	< 2	5	42	0.11	< 10	< 10	80	< 10	108
98121	201	202	5	< 0.01	65	1100	2	< 2	4	38	0.08	< 10	< 10	64	< 10	280
98122	201	202	1	< 0.01	10	1330	< 2	< 2	1	14	0.07	< 10	< 10	20	< 10	30
98123	201	202	< 1	< 0.01	8	1170	< 2	< 2	< 1	12	0.07	< 10	< 10	18	< 10	24
98124	201	202	< 1	< 0.01	9	1100	< 2	< 2	1	13	0.08	< 10	< 10	20	< 10	26
98125	201	202	< 1	< 0.01	9	1260	< 2	< 2	1	15	0.06	< 10	< 10	20	< 10	26
98126	201	202	< 1	< 0.01	9	880	< 2	< 2	1	13	0.08	< 10	< 10	21	< 10	26
98127	201	202	1	< 0.01	10	990	< 2	< 2	1	16	0.09	< 10	< 10	24	< 10	30
98128	201	202	1	< 0.01	12	700	< 2	< 2	1	14	0.11	< 10	< 10	28	< 10	36
98129	201	202	1	< 0.01	9	1130	< 2	< 2	1	17	0.08	< 10	< 10	23	< 10	28
98130	201	202	1	0.01	11	960	< 2	< 2	1	18	0.09	< 10	< 10	27	< 10	34
98131	201	202	3	< 0.01	10	1110	< 2	< 2	1	16	0.07	< 10	< 10	22	< 10	26
98132	201	202	1	< 0.01	11	950	< 2	< 2	1	15	0.07	< 10	< 10	23	< 10	28
98133	201	202	< 1	< 0.01	11	1070	< 2	< 2	1	15	0.06	< 10	< 10	24	< 10	32
98134	201	202	1	< 0.01	12	700	< 2	< 2	1	13	0.08	< 10	< 10	26	< 10	36
98135	201	202	< 1	< 0.01	15	1010	< 2	< 2	1	20	0.10	< 10	< 10	33	< 10	38
98136	201	202	1	< 0.01	13	710	< 2	< 2	1	14	0.10	< 10	< 10	29	< 10	36
98137	201	202	1	0.01	12	1020	< 2	< 2	1	18	0.08	< 10	< 10	26	< 10	30
98138	201	202	1	0.01	14	1120	< 2	2	2	22	0.09	< 10	< 10	31	< 10	36
98139	201	202	1	< 0.01	13	940	< 2	< 2	1	17	0.09	< 10	< 10	29	< 10	34
98140	201	202	< 1	< 0.01	13	600	< 2	< 2	1	12	0.11	< 10	< 10	29	< 10	36

CERTIFICATION: 11-28-98



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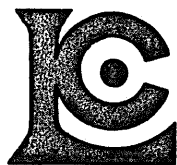
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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
98141	201	202	270	0.2	1.84	2	130	< 0.5	< 2	0.92	0.5	15	41	88	3.15	< 10	< 1	0.37	< 10	1.10	555
98142	201	202	< 5	< 0.2	0.93	< 2	90	< 0.5	< 2	0.72	< 0.5	8	13	20	1.58	< 10	< 1	0.25	< 10	0.52	300
98143	201	202	5	< 0.2	1.12	< 2	80	< 0.5	< 2	0.61	< 0.5	8	33	23	1.92	< 10	< 1	0.37	< 10	0.72	320
98144	201	202	140	< 0.2	1.43	< 2	110	< 0.5	< 2	0.63	< 0.5	10	38	28	2.38	< 10	< 1	0.47	< 10	0.90	425
98145	201	202	5	< 0.2	1.27	< 2	100	< 0.5	< 2	0.57	< 0.5	9	27	27	2.04	< 10	< 1	0.40	< 10	0.77	360
98146	201	202	< 5	< 0.2	1.63	< 2	130	< 0.5	< 2	0.56	< 0.5	11	37	33	2.47	< 10	< 1	0.56	< 10	1.03	480
98147	201	202	10	< 0.2	1.40	< 2	110	< 0.5	< 2	0.50	< 0.5	10	35	28	2.28	< 10	< 1	0.49	< 10	0.92	410
98148	201	202	< 5	< 0.2	1.53	< 2	120	< 0.5	< 2	0.52	< 0.5	10	38	32	2.38	< 10	< 1	0.57	< 10	1.00	470
98149	201	202	< 5	< 0.2	1.38	< 2	100	< 0.5	< 2	0.49	< 0.5	9	40	29	2.34	< 10	< 1	0.52	< 10	0.92	445
98150	201	202	< 5	< 0.2	0.71	< 2	80	< 0.5	< 2	0.41	< 0.5	8	15	36	1.10	< 10	< 1	0.17	< 10	0.46	170
98151	201	202	< 5	< 0.2	1.83	< 2	150	< 0.5	< 2	0.53	< 0.5	13	39	45	2.73	< 10	< 1	0.66	< 10	1.16	565
98401	201	202	< 5	< 0.2	0.83	< 2	60	< 0.5	< 2	0.59	< 0.5	8	17	18	1.88	< 10	< 1	0.19	< 10	0.55	285
98402	201	202	< 5	< 0.2	2.01	< 2	120	< 0.5	< 2	0.83	< 0.5	14	49	33	3.01	< 10	< 1	0.57	< 10	1.28	770
98403	201	202	< 5	< 0.2	1.71	< 2	80	< 0.5	< 2	1.11	1.0	13	66	26	2.57	< 10	< 1	0.28	< 10	1.18	735
98404	201	202	35	< 0.2	1.09	< 2	120	< 0.5	< 2	0.85	< 0.5	14	36	55	2.87	< 10	< 1	0.23	< 10	0.79	425
98405	201	202	< 5	< 0.2	0.97	< 2	100	0.5	< 2	0.40	< 0.5	6	14	14	3.21	< 10	< 1	0.23	< 10	0.50	505
98406	201	202	< 5	< 0.2	1.57	< 2	160	< 0.5	< 2	0.55	< 0.5	17	8	25	2.22	< 10	< 1	0.22	< 10	0.58	1020
98407	201	202	< 5	< 0.2	1.30	< 2	130	< 0.5	< 2	0.67	< 0.5	9	6	57	1.85	< 10	< 1	0.26	< 10	0.63	470
98408	201	202	5	< 0.2	1.07	< 2	80	< 0.5	< 2	0.58	< 0.5	9	27	22	2.68	< 10	< 1	0.13	< 10	0.56	405
98409	201	202	< 5	< 0.2	1.93	2	160	< 0.5	< 2	0.73	1.5	16	34	58	4.38	< 10	< 1	0.33	10	0.97	3180
98410	201	202	< 5	< 0.2	2.13	< 2	240	< 0.5	< 2	1.07	< 0.5	15	63	30	3.15	< 10	< 1	0.42	10	1.25	990
98411	201	202	< 5	< 0.2	1.59	< 2	310	< 0.5	< 2	1.06	0.5	21	59	55	2.35	< 10	< 1	0.30	< 10	1.04	490
98412	201	202	< 5	< 0.2	1.18	< 2	120	< 0.5	< 2	0.58	< 0.5	9	30	24	1.99	< 10	< 1	0.28	< 10	0.76	295
98413	201	202	< 5	< 0.2	2.47	< 2	370	< 0.5	< 2	0.74	< 0.5	18	38	52	3.09	< 10	< 1	0.66	< 10	1.22	515
98414	201	202	< 5	< 0.2	1.01	< 2	110	< 0.5	< 2	0.53	< 0.5	5	7	4	1.73	< 10	< 1	0.19	< 10	0.64	295
98415	201	202	< 5	< 0.2	1.26	< 2	100	< 0.5	< 2	0.57	< 0.5	12	33	27	2.05	< 10	< 1	0.22	< 10	1.06	390
98416	201	202	< 5	0.2	1.86	< 2	190	< 0.5	< 2	0.76	0.5	13	37	100	3.33	< 10	< 1	0.54	< 10	1.23	585
98417	201	202	< 5	0.2	1.96	< 2	220	< 0.5	< 2	0.86	0.5	15	39	122	3.48	< 10	< 1	0.57	< 10	1.25	665
98418	201	202	< 5	< 0.2	2.13	< 2	160	< 0.5	< 2	0.56	< 0.5	14	48	50	2.78	< 10	< 1	0.44	< 10	1.57	430
98419	201	202	< 5	< 0.2	1.35	2	90	< 0.5	< 2	0.45	< 0.5	9	28	35	2.03	< 10	< 1	0.27	< 10	0.97	255
98420	201	202	< 5	< 0.2	1.12	< 2	90	< 0.5	< 2	0.82	< 0.5	9	24	63	2.07	< 10	< 1	0.32	< 10	0.71	325
98421	201	202	20	< 0.2	1.46	< 2	110	< 0.5	< 2	1.21	< 0.5	13	30	102	2.83	< 10	< 1	0.38	< 10	0.92	475
98422	201	202	< 5	< 0.2	1.50	< 2	70	< 0.5	< 2	0.26	< 0.5	12	36	56	2.05	< 10	< 1	0.20	< 10	1.07	280
98423	201	202	< 5	< 0.2	1.47	< 2	80	< 0.5	< 2	0.27	< 0.5	14	35	80	1.59	< 10	< 1	0.21	< 10	0.81	430
98424	201	202	< 5	< 0.2	0.93	< 2	60	< 0.5	< 2	0.19	< 0.5	12	14	24	1.46	< 10	< 1	0.10	< 10	0.45	470
98425	201	202	< 5	< 0.2	0.94	< 2	410	< 0.5	< 2	0.23	< 0.5	7	19	32	1.56	< 10	< 1	0.13	< 10	0.66	230
98426	201	202	< 5	< 0.2	0.96	< 2	410	< 0.5	< 2	0.25	< 0.5	7	20	31	1.59	< 10	< 1	0.12	< 10	0.68	240
98427	201	202	< 5	< 0.2	1.26	< 2	450	< 0.5	< 2	0.28	< 0.5	10	26	36	2.11	< 10	< 1	0.21	< 10	0.90	335
98428	201	202	< 5	< 0.2	1.07	< 2	290	< 0.5	< 2	0.22	< 0.5	8	22	33	1.74	< 10	< 1	0.15	< 10	0.73	240
98429	201	202	< 5	< 0.2	1.68	< 2	150	< 0.5	< 2	0.56	< 0.5	14	25	50	2.41	< 10	< 1	0.41	< 10	1.24	390

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

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

Project: SCOTIA SOUTH
Comments: ATTN: ARNE BIRKELAND FAX: NANCY SINNOTT

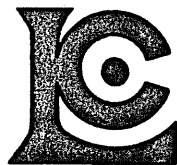
Page Number :2-B
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P.O. Number :
Account : AN

CERTIFICATE OF ANALYSIS

A9833618

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
98141	201	202	2	0.02	27	1940	< 2	< 2	7	29	0.10	< 10	< 10	93	< 10	84
98142	201	202	1	0.01	8	1390	2	< 2	3	24	0.09	< 10	< 10	37	< 10	26
98143	201	202	< 1	0.01	15	1070	< 2	< 2	3	24	0.10	< 10	< 10	35	< 10	90
98144	201	202	1	0.01	18	1180	< 2	< 2	3	27	0.13	< 10	< 10	43	< 10	116
98145	201	202	< 1	0.01	15	1050	< 2	< 2	3	23	0.12	< 10	< 10	39	< 10	92
98146	201	202	< 1	< 0.01	21	1090	< 2	< 2	4	26	0.15	< 10	< 10	45	< 10	138
98147	201	202	< 1	< 0.01	19	1040	< 2	< 2	3	23	0.13	< 10	< 10	41	< 10	118
98148	201	202	< 1	< 0.01	21	1170	2	< 2	3	26	0.14	< 10	< 10	43	< 10	144
98149	201	202	< 1	< 0.01	20	1090	2	< 2	3	24	0.13	< 10	< 10	42	< 10	134
98150	201	202	< 1	0.01	20	960	< 2	< 2	1	14	0.06	< 10	< 10	26	< 10	22
98151	201	202	< 1	< 0.01	23	1100	< 2	< 2	4	27	0.17	< 10	< 10	48	< 10	154
98401	201	202	1	0.01	8	1190	< 2	< 2	2	19	0.08	< 10	< 10	38	< 10	34
98402	201	202	< 1	< 0.01	30	1560	< 2	< 2	4	21	0.18	< 10	< 10	56	< 10	122
98403	201	202	1	< 0.01	39	860	2	< 2	4	17	0.18	< 10	< 10	55	< 10	214
98404	201	202	1	0.03	32	1370	< 2	< 2	4	13	0.11	< 10	< 10	53	< 10	52
98405	201	202	< 1	< 0.01	9	590	< 2	< 2	2	11	0.15	< 10	< 10	27	< 10	66
98406	201	202	4	< 0.01	6	790	< 2	< 2	1	26	0.09	< 10	< 10	33	< 10	50
98407	201	202	2	< 0.01	6	600	4	< 2	< 1	25	0.08	< 10	< 10	25	< 10	62
98408	201	202	< 1	0.01	14	1200	< 2	< 2	3	11	0.15	< 10	< 10	57	< 10	40
98409	201	202	2	< 0.01	26	1140	24	< 2	3	13	0.16	< 10	< 10	52	< 10	476
98410	201	202	1	< 0.01	41	920	4	< 2	7	17	0.18	< 10	< 10	69	< 10	88
98411	201	202	1	< 0.01	62	1190	< 2	< 2	3	17	0.13	< 10	< 10	54	< 10	46
98412	201	202	< 1	< 0.01	16	1140	< 2	< 2	3	11	0.11	< 10	< 10	46	< 10	32
98413	201	202	1	< 0.01	24	1620	< 2	< 2	4	15	0.19	< 10	< 10	67	< 10	62
98414	201	202	< 1	0.01	3	840	2	< 2	1	39	0.11	< 10	< 10	35	< 10	46
98415	201	202	< 1	0.01	17	1030	< 2	< 2	3	12	0.12	< 10	< 10	50	< 10	30
98416	201	202	3	< 0.01	22	2040	2	< 2	7	31	0.14	< 10	< 10	99	< 10	94
98417	201	202	3	< 0.01	27	2090	< 2	< 2	7	38	0.12	< 10	< 10	101	< 10	108
98418	201	202	< 1	0.01	23	600	< 2	< 2	4	23	0.14	< 10	< 10	66	< 10	54
98419	201	202	< 1	0.01	12	610	< 2	< 2	3	15	0.11	< 10	< 10	48	< 10	32
98420	201	202	1	0.01	15	1870	< 2	< 2	4	24	0.07	< 10	< 10	61	< 10	56
98421	201	202	2	0.01	20	2920	< 2	< 2	5	32	0.06	< 10	< 10	80	< 10	66
98422	201	202	< 1	< 0.01	13	350	2	< 2	3	7	0.09	< 10	< 10	51	< 10	36
98423	201	202	< 1	< 0.01	16	580	< 2	< 2	2	9	0.06	< 10	< 10	43	< 10	40
98424	201	202	< 1	< 0.01	6	390	< 2	< 2	2	4	0.06	< 10	< 10	26	< 10	26
98425	201	202	< 1	< 0.01	9	370	< 2	< 2	2	5	0.08	< 10	< 10	31	< 10	34
98426	201	202	1	< 0.01	9	360	< 2	< 2	3	5	0.08	< 10	< 10	32	< 10	36
98427	201	202	< 1	< 0.01	11	390	< 2	< 2	4	5	0.10	< 10	< 10	40	< 10	48
98428	201	202	< 1	< 0.01	10	310	< 2	< 2	3	5	0.09	< 10	< 10	35	< 10	36
98429	201	202	1	< 0.01	14	900	< 2	< 2	1	20	0.15	< 10	< 10	51	< 10	46

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: ARNEX RESOURCES LIMITED

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

Project : SCOTIA SOUTH
Comments: ATTN: ARNE BIRKELAND FAX: NANCY SINNOTT

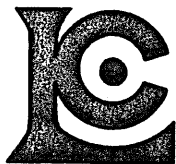
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Total Pages : 3
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CERTIFICATE OF ANALYSIS

A9833618

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
98430	201 202	< 5	< 0.2	1.33	< 2	100	< 0.5	< 2	0.37	< 0.5	13	38	66	1.97	< 10	< 1	0.26	< 10	0.91	335
98431	201 202	< 5	< 0.2	2.19	< 2	180	< 0.5	< 2	0.89	< 0.5	16	46	116	4.01	< 10	< 1	0.95	< 10	1.50	710
98432	201 202	< 5	< 0.2	2.27	< 2	180	< 0.5	< 2	0.86	< 0.5	15	44	114	4.09	< 10	< 1	1.12	< 10	1.62	715
98433	201 202	< 5	< 0.2	0.86	< 2	70	< 0.5	< 2	0.74	< 0.5	8	19	71	1.63	< 10	< 1	0.16	< 10	0.54	235
98434	201 202	< 5	< 0.2	1.72	< 2	150	< 0.5	< 2	0.40	< 0.5	14	29	70	2.93	< 10	< 1	0.31	< 10	1.23	425
98435	201 202	< 5	< 0.2	1.59	< 2	140	< 0.5	< 2	0.39	< 0.5	13	26	69	2.77	< 10	< 1	0.29	< 10	1.16	360
98436	201 202	< 5	< 0.2	1.99	< 2	180	< 0.5	< 2	0.40	< 0.5	17	33	86	3.27	< 10	< 1	0.41	< 10	1.45	515
98437	201 202	< 5	< 0.2	1.26	2	100	< 0.5	< 2	0.51	< 0.5	23	24	35	2.75	< 10	< 1	0.32	< 10	0.78	2330
98438	201 202	< 5	< 0.2	1.31	< 2	110	< 0.5	< 2	0.63	< 0.5	9	34	55	2.48	< 10	< 1	0.46	< 10	0.97	470
98439	201 202	< 5	< 0.2	1.15	< 2	80	< 0.5	< 2	0.53	< 0.5	8	25	33	2.58	< 10	< 1	0.37	< 10	0.88	540
98440	201 202	< 5	< 0.2	1.06	< 2	70	< 0.5	< 2	0.49	< 0.5	7	24	34	2.56	< 10	< 1	0.34	< 10	0.81	520
98441	201 202	< 5	< 0.2	0.71	< 2	40	< 0.5	< 2	0.49	< 0.5	6	15	27	3.68	< 10	< 1	0.22	< 10	0.53	405
98442	201 202	< 5	< 0.2	0.94	< 2	60	< 0.5	< 2	0.49	< 0.5	7	21	31	2.30	< 10	< 1	0.29	< 10	0.73	465
98443	201 202	< 5	0.4	1.89	< 2	160	< 0.5	< 2	0.79	0.5	17	43	148	3.53	< 10	< 1	0.54	< 10	1.17	825
98444	201 202	< 5	< 0.2	1.79	< 2	120	< 0.5	< 2	0.81	< 0.5	15	41	99	3.13	< 10	< 1	0.36	< 10	1.11	640
98445	201 202	< 5	0.2	1.99	< 2	140	< 0.5	< 2	0.86	0.5	14	46	83	3.19	< 10	< 1	0.39	< 10	1.27	585
98446	201 202	10	0.2	1.49	< 2	110	< 0.5	< 2	0.82	< 0.5	11	33	73	2.55	< 10	< 1	0.29	< 10	0.92	400
98446A	201 202	< 5	0.2	2.30	2	150	< 0.5	< 2	0.82	0.5	16	54	107	3.80	< 10	< 1	0.49	< 10	1.46	700
98447	201 202	< 5	1.0	1.66	2	120	< 0.5	< 2	0.73	0.5	12	38	81	2.92	< 10	< 1	0.42	< 10	1.10	460
98449	201 202	< 5	< 0.2	1.41	< 2	100	< 0.5	< 2	0.45	< 0.5	11	23	43	2.14	< 10	< 1	0.24	< 10	1.00	320
98450	201 202	< 5	< 0.2	1.53	< 2	120	< 0.5	< 2	0.66	< 0.5	13	59	44	2.90	< 10	< 1	0.29	10	1.16	410
98451	201 202	5	< 0.2	0.81	< 2	60	< 0.5	< 2	0.31	< 0.5	8	20	75	1.54	< 10	< 1	0.18	< 10	0.62	165
98452	201 202	< 5	< 0.2	1.11	2	100	< 0.5	< 2	0.34	< 0.5	11	26	99	1.83	< 10	< 1	0.26	< 10	0.84	225
98453	201 202	10	< 0.2	0.94	< 2	40	< 0.5	< 2	0.20	< 0.5	6	21	128	1.60	< 10	< 1	0.16	< 10	0.66	135
98454	201 202	< 5	< 0.2	0.85	< 2	60	< 0.5	< 2	0.39	< 0.5	8	21	87	1.50	< 10	< 1	0.16	< 10	0.63	180
98455	201 202	< 5	< 0.2	1.67	< 2	260	< 0.5	< 2	0.99	< 0.5	12	20	21	2.53	< 10	< 1	0.12	< 10	0.50	2400

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

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

Project: SCOTIA SOUTH
Comments: ATTN: ARNE BIRKELAND FAX: NANCY SINNOTT

Page Number :3-B
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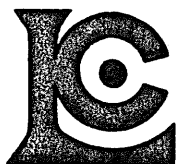
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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
98430	201	202	< 1	< 0.01	12	320	< 2	< 2	2	7	0.11	< 10	< 10	43	< 10	30
98431	201	202	< 1	< 0.01	23	2310	< 2	< 2	10	19	0.17	< 10	< 10	133	< 10	84
98432	201	202	1	< 0.01	19	1910	< 2	< 2	11	19	0.20	< 10	< 10	140	< 10	86
98433	201	202	7	0.01	10	1880	< 2	< 2	2	24	0.05	< 10	< 10	41	< 10	28
98434	201	202	1	< 0.01	16	570	< 2	< 2	3	6	0.14	< 10	< 10	58	< 10	76
98435	201	202	< 1	< 0.01	15	530	< 2	< 2	2	7	0.13	< 10	< 10	54	< 10	66
98436	201	202	3	< 0.01	17	600	< 2	< 2	3	10	0.15	< 10	< 10	64	< 10	76
98437	201	202	3	< 0.01	16	1120	4	< 2	3	19	0.11	< 10	< 10	33	< 10	90
98438	201	202	2	< 0.01	29	1170	6	< 2	3	13	0.14	< 10	< 10	37	< 10	104
98439	201	202	1	< 0.01	15	990	< 2	< 2	3	10	0.13	< 10	< 10	34	< 10	112
98440	201	202	3	< 0.01	15	950	2	< 2	3	10	0.12	< 10	< 10	33	< 10	104
98441	201	202	1	< 0.01	10	1030	2	< 2	2	10	0.08	< 10	< 10	28	< 10	72
98442	201	202	2	< 0.01	14	980	2	< 2	3	9	0.11	< 10	< 10	29	< 10	94
98443	201	202	4	0.01	34	1460	< 2	< 2	8	30	0.15	< 10	< 10	98	< 10	112
98444	201	202	1	< 0.01	24	2030	< 2	< 2	6	28	0.15	< 10	< 10	100	< 10	68
98445	201	202	1	0.02	26	1690	< 2	< 2	7	29	0.14	< 10	< 10	93	< 10	86
98446	201	202	2	0.02	20	1770	2	< 2	5	27	0.09	< 10	< 10	71	< 10	66
98446A	201	202	3	0.01	31	1740	< 2	< 2	8	31	0.16	< 10	< 10	118	< 10	106
98447	201	202	2	0.01	26	1370	< 2	< 2	6	28	0.12	< 10	< 10	89	< 10	90
98449	201	202	1	0.01	12	690	2	< 2	4	12	0.09	< 10	< 10	50	< 10	46
98450	201	202	< 1	0.03	24	1160	< 2	< 2	4	38	0.13	< 10	10	58	< 10	60
98451	201	202	< 1	< 0.01	10	530	2	< 2	2	5	0.07	< 10	< 10	31	< 10	40
98452	201	202	< 1	< 0.01	14	410	< 2	< 2	3	5	0.10	< 10	< 10	37	< 10	54
98453	201	202	< 1	< 0.01	12	330	< 2	< 2	2	3	0.08	< 10	< 10	30	< 10	40
98454	201	202	1	< 0.01	11	560	< 2	< 2	2	5	0.08	< 10	< 10	31	< 10	42
98455	201	202	2	< 0.01	13	920	< 2	< 2	3	59	0.11	< 10	< 10	45	< 10	66

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

A9833619

Comments: ATTN: ARNE BIRKELAND

CERTIFICATE

A9833619

(AN) - ARNEX RESOURCES LIMITED

Project: SCOTIA SOUTH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-OCT-1998.

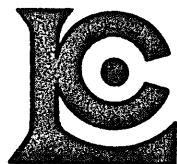
SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	21	Geochem ring to approx 150 mesh
226	21	0-3 Kg crush and split
3202	21	Rock - save entire reject
229	21	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	21	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	21	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	21	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	21	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	21	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	21	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	21	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	21	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	21	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	21	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	21	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	21	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	21	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	21	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	21	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	21	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	21	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	21	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	21	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	21	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	21	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	21	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	21	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	21	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	21	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	21	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	21	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	21	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	21	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	21	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	21	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	21	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	21	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 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

2069 WESTVIEW DR.
NORTH VANCOUVER, BC
V7M 3B1

Project: SCOTIA SOUTH
Comments: ATTN: ARNE BIRKELAND

Page Number :1-A
Total Pages :1
Certificate Date: 21-OCT-1998
Invoice No. : I9833619
P.O. Number :
Account : AN

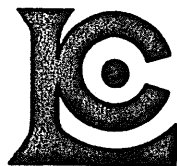
CERTIFICATE OF ANALYSIS

A9833619

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
301551	205 226	20	0.4	1.02	< 2	60	< 0.5	< 2	2.19	< 0.5	9	166	332	2.37	< 10	< 1	0.23	< 10	1.06	1270
301552	205 226	15	0.2	2.52	2	120	< 0.5	< 2	0.46	< 0.5	12	74	154	4.07	< 10	< 1	1.49	< 10	1.90	605
301553	205 226	10	< 0.2	1.72	2	110	< 0.5	< 2	1.57	< 0.5	15	63	30	3.33	< 10	< 1	1.06	< 10	1.31	770
301554	205 226	5	< 0.2	3.51	< 2	70	0.5	< 2	1.08	< 0.5	14	88	13	4.05	10	< 1	1.55	< 10	2.14	775
301555	205 226	< 5	< 0.2	1.92	< 2	70	0.5	< 2	1.70	< 0.5	30	59	108	3.52	< 10	< 1	0.50	< 10	1.49	715
301556	205 226	< 5	< 0.2	0.35	< 2	10	< 0.5	< 2	0.17	< 0.5	5	300	29	0.89	< 10	< 1	0.02	< 10	0.25	150
301557	205 226	10	< 0.2	1.49	< 2	60	< 0.5	< 2	0.59	< 0.5	6	63	45	2.28	< 10	< 1	0.16	< 10	0.88	310
301558	205 226	< 5	< 0.2	1.99	6	80	< 0.5	< 2	0.43	< 0.5	15	186	64	3.61	< 10	< 1	0.17	< 10	1.13	355
301559	205 226	10	< 0.2	0.32	28	60	< 0.5	< 2	0.01	< 0.5	6	89	19	1.78	< 10	< 1	0.14	< 10	0.02	10
301560	205 226	10	< 0.2	0.45	< 2	40	< 0.5	< 2	0.09	< 0.5	11	142	193	3.27	< 10	< 1	0.11	< 10	0.18	155
301561	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
301562	205 226	< 5	< 0.2	1.11	< 2	20	< 0.5	< 2	0.04	0.5	< 1	70	15	2.17	< 10	< 1	0.63	20	0.63	465
301563	205 226	5	< 0.2	0.19	< 2	30	< 0.5	< 2	0.04	< 0.5	< 1	86	7	0.53	< 10	< 1	0.09	< 10	< 0.01	125
301564	205 226	5	5.6	3.13	< 2	40	< 0.5	< 2	1.05	0.5	30	154	193	6.39	< 10	< 1	1.48	< 10	3.06	680
301565	205 226	10	4.2	1.99	< 2	70	< 0.5	< 2	1.20	5.0	14	163	164	2.97	< 10	< 1	0.23	< 10	0.48	280
301566	205 226	< 5	0.2	1.42	< 2	60	< 0.5	< 2	1.05	1.0	26	60	279	3.24	< 10	< 1	0.17	< 10	0.99	450
301567	205 226	10	0.2	1.14	< 2	70	< 0.5	< 2	0.23	< 0.5	6	188	208	2.29	< 10	< 1	0.54	< 10	0.99	280
301601	205 226	10	< 0.2	1.10	< 2	40	< 0.5	< 2	0.93	< 0.5	17	38	83	3.20	< 10	< 1	0.11	< 10	0.92	390
301602	205 226	< 5	0.6	0.90	< 2	70	< 0.5	< 2	4.34	< 0.5	15	153	109	6.30	< 10	< 1	0.19	< 10	0.78	400
301603	205 226	10	< 0.2	2.47	< 2	430	< 0.5	< 2	0.76	< 0.5	14	116	105	3.89	< 10	< 1	1.12	< 10	1.56	790
301604	205 226	< 5	0.2	0.33	< 2	40	< 0.5	< 2	0.20	< 0.5	3	215	25	0.84	< 10	< 1	0.04	< 10	0.22	40
301605	205 226	5	0.6	0.74	< 2	200	< 0.5	< 2	0.04	0.5	3	202	702	1.66	< 10	< 1	0.10	< 10	0.29	115

CERTIFICATION:

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Page Number :1-B
Total Pages :1
Certificate Date: 21-OCT-1996
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CERTIFICATE OF ANALYSIS

A9833619

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
301551	205 226	3	0.04	5	230	2	2	1	13	0.01	< 10	< 10	16	< 10	56
301552	205 226	1	0.06	3	580	2	< 2	2	18	0.16	< 10	< 10	58	< 10	380
301553	205 226	2	0.05	10	440	8	< 2	3	10	0.10	< 10	< 10	40	< 10	106
301554	205 226	2	0.24	5	470	8	< 2	2	59	0.15	< 10	< 10	66	< 10	188
301555	205 226	< 1	0.12	15	1490	< 2	< 2	5	23	0.10	< 10	< 10	74	< 10	116
301556	205 226	1	< 0.01	21	420	8	< 2	1	5	0.04	< 10	< 10	56	< 10	120
301557	205 226	1	0.04	11	160	2	< 2	3	42	0.08	< 10	< 10	51	< 10	42
301558	205 226	11	0.08	30	490	< 2	< 2	5	14	0.04	< 10	< 10	126	< 10	62
301559	205 226	5	0.01	3	40	2	< 2	< 1	3	< 0.01	< 10	< 10	4	< 10	2
301560	205 226	< 1	0.05	1	100	< 2	< 2	2	5	0.03	< 10	< 10	5	< 10	16
301561	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
301562	205 226	4	0.01	1	< 10	44	< 2	< 1	1	0.06	< 10	< 10	< 1	< 10	370
301563	205 226	1	0.04	1	10	6	< 2	< 1	4	< 0.01	< 10	< 10	< 1	< 10	22
301564	205 226	< 1	0.15	63	1460	6	< 2	19	43	0.17	< 10	< 10	203	< 10	88
301565	205 226	86	0.24	104	1060	12	< 2	3	76	0.10	< 10	10	157	< 10	416
301566	205 226	20	0.10	11	220	< 2	< 2	5	8	0.12	< 10	< 10	68	< 10	226
301567	205 226	1	0.04	10	150	< 2	< 2	4	1	0.08	< 10	< 10	37	< 10	94
301601	205 226	1	0.18	2	530	< 2	< 2	9	4	0.07	< 10	< 10	77	< 10	104
301602	205 226	3	0.08	54	>10000	< 2	< 2	4	28	0.05	< 10	< 10	108	< 10	52
301603	205 226	< 1	0.01	24	1050	< 2	< 2	11	20	0.19	< 10	< 10	109	< 10	96
301604	205 226	< 1	0.01	12	150	< 2	< 2	< 1	21	0.01	< 10	< 10	10	< 10	6
301605	205 226	1	< 0.01	6	80	< 2	< 2	1	1	0.01	< 10	< 10	13	< 10	38

CERTIFICATION:

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APPENDIX D

GEOCHEMICAL DATA SHEET - South Scotia - 1998

STREAM SEDIMENT GEOCHEMISTRY

PROJECT: Scotia South

NTS: 103W/04E; 103H/14E

C:\myfiles\scotia\gsds1998.wb3

Sample Number	Volume (m) Width	Drainage Depth Gradient	Type of Sample	Colour	Texture	% Organic	Petrography Bedrock/Float	Observations Remarks
98101	3	2 FI	MM	Dk gr	Silt	Low	Pv	+40 m
98102	3	2 FI	MM	Dk gr	Silt	Low	Pv	+120 m
98103	3	2 FI	MM	Dk gr	Silt	Low	Pv	+230 m
98104	3	2 Mod	MM	Dk gr	Sand, silt	Low	Pv	+370 m
98105	3	2 Mod	MM	Dk gr	Sand, silt	Low	Pv	+470 m
98106	3	2 St	MM	Dk gr	Sand, silt	Low	Pv	Top of log slash
98107	3	2 St	MM	Br	Silt	Low	Pv	+1100 m up ck from slash
98108	3	3 FI	MM	Gr	Sand	Low	Pv	+100 m up side ck
98109	2	2 FI	MM	Br	Sand	Low	Pv	+100 m
98110	2	2 Mod fi	MM	Gr	Sand	Low	Pv	+200 m
98111	2	2 Mod	MM	Gr	Sand	Low	Pv	+300 m
98112	2	2 Mod	MM	Gr	Sand	Low	Pv	+400 m
98113	2	2 FI	MM	Gr	Sand	Low	Pv	+500 m
98114	2	2 FI	MM	Gr	Sand	Low	Dbo	+600 m
98115	2	2 Mod	MM	Gr	Sand	Low	Ps	+800 m
98116	2	2 Mod	MM	Gr	Sand	Low	Pv	+900 m
98117	2	2 FI	MM	Gr	Sand	Low	Pv	+1000 m
98118	2	2 FI	MM	Gr	Sand	Mod	Pv	+1100 m
98119	1	0.5 St	MM	Gr	Sand	Low	Pv	+100 m up side ck
98120	3	3 St	MM	Gr	Sand	Low	Pv	Large waterfall, +1225 m
98121	0.8	0.5 St	MM	Gr	Silt	Low	Pv	+60 m up side ck
98122	2	2 FI	MM	Gr	Silt	Low	Pv	
98123	2	2 FI	MM	Dk gr	Sand, silt	Low	Pv	+ 50 m
98124	2	2 FI	MM	Gr	Sand	Low	Pv	+100 m
98125	2	2 FI	MM	Gr	Sand	Low	Pv	+180 m
98126	2	2 FI	MM	Gr	Silt	Low	Pv	+225 m
98127	2	2 FI	SS	Gr	Silt	Low	Pv	+295 m
98128	2	2 FI	MM	Gr	Sand	Low	Pv	+375 m
98129	2	2 FI	SS	Gr	Silt	Low	Pv	+455 m
98130	2	2 FI	MM	Gr	Silt	Low	Pv	+520 m
98131	2	2 FI	MM	Gr	Silt	Low	Pv	+610 m
98132	2	2 FI	MM	Gr	Silt	Low	Pv	+660 m, Drop off, Pick up spot
98133	2	2 FI	MM	Gr	Silt, sand	Low	Pv	+735 m
98134	2	2 FI	SS	Gr	Silt	Low	Pv	+825 m
98135	2	2 FI	SS	Gr	Silt	Low	Pv	+885 m, side ck
98136	2	2 FI	SS	Gr	Silt	Low	Pv	+930 m, side ck west
98137	2	2 FI	MM	Gr	Sand	Low	Pv	+1025 m
98138	2	2 FI	MM	Gr	Sand	Low	Pv	+1135 m
98139	2	2 FI	SS	Gr	Silt	Low	Pv	+1190 m, side ck west
98140	2	2 FI	SS	Gr	Silt	Low	Pv	+1240 m
98141	3	2 Mod	MM	Gr, br	Silt, sand	Low	Pv	
98142	2	1 St	MM	Gr, br	Silt, sand	Low	Pv	ER 971841
98143	0.8	0.2 St	MM	Gr, br	Silt	Low	Pv	+85 m, side ck east
98144	3	1 St	MM	Gr, br	Silt	Low	Pv	+100 m
98145	3	1 St	MM	Gr	Silt	Low	Pv	+200 m
98146	3	1 St	MM	Gr, br	Silt	Low	Pv	+300 m
98147	3	1 St	MM	Gr, br	Silt	Low	Pv	+400 m
98148	3	1 St	MM	Gr, br	Silt	Low	Pv	+550 m
98149	3	1 St	MM	Gr, br	Silt, sand	Low	Pv	+700 m
98150	0.2	0.1 St	MM	Gr, br	Silt	Low	Pv	+850 m, from side ck west
98151	3	2 St	MM	Gr, br	Silt	Low	Pv	+850 m

APPENDIX D

GEOCHEMICAL DATA SHEET - South Scotia - 1998

STREAM SEDIMENT GEOCHEMISTRY

PROJECT: Scotia South

NTS: 103H/04E; 103H/14E

C:\myfiles\scotia\gds1998.xls

Sample Number	Volume (m) Width	Drainage Depth Gradient	Type of Sample	Colour	Texture	% Organic	Petrography Bedrock/Float	Observations Remarks
98401	4	1 Mod	MM	Dk gr	Sandy	Low	Dbo, Ps	Dk slate, mafic Gneiss ("MG")
98402	1.5	0.3 Mod st	MM	Dk br	vfg silt	Low	Dbo	Int gn, late qtz veining
98403	0.8	0.2 St	MM	Gr	Silt	Low	Dbo, Pv	MG, py layers, py<5%
98404	0.8	0.2 Mod fl	MM	Gr	Silt	Low	Pv	Int-MG
98405	0.6	0.2 Mod fl	ASS	Dk gr	Silt, sand	Low	Pv	MG
98406	0.5	0.2 Mod st	MM	Dk gr	Silt, sand	Low	Pv	Pyritic Felsic Gneiss (Py FG), opy Rx 301551, 301552
98407	1	0.5 Cliff face	MM	Dk gr	Silt, sand	Low	Pv	Py MG and Py FG in oc
98408	0.5	0.2 Fl	MM+ASS	Dk br	Sand, silt	Low	Pv	Poor swampy drainage, poor smpl
98409	0.3	0.1 Mod	SS	Br	Silt	Low	Pv	Intermittent st, poor smpl
98410	0.3	0.1 Mod fl	SS	Dk br	Silt	Low	Pv	Rusty PMG float ("fl")
98411	0.3	0.1 Cliff face	MM	Dk gr	Silt	Low	Pv	Massive thick bedded MG
98412	0.3	0.1 Fl	MM+ASS	Lt gr	Sand	Low	Pv	FG, poor MM smpl
98413	0.3	0.1 Mod fl	SS	Dk gr br	Silt, sand	Low	Pv	Py Felsic Volcanic ("FV") fl
98414	1	0.2 St cliff	MM	Dk gr	Silt	Low	Dbo	Biotite qtz monzonite
98415	2	0.5 Mod st	MM	Dk gr	Silt	Low	Ps	Dk slate, phyllite, py chert (schist?)
98416	3	0.5 Mod fl	MM	Lt gr	Silt, sand	Low	Pv	Rusty qtz boulders w/ mus, ear
98417	3	0.5 Mod st	MM	Gr br	Silt, sand	Low	Pv	Py FV, MV, apl qtz vein/bx in 3 m fl, Rx 301553, 301557
98418	2	0.5 Mod fl	MM	Lt gr	Sand	Mod	Pv	MV, minor Py FV, poor smpl
98419	3	0.5 Mod st	MM	Dk gr	Silt, sand	Low	Pv	MV w/ 2m Py FV beds, qtz veining
98420	10	1 Mod fl	ASS	Lt gr	Silt, sand	Low	Pv	Biotite, mus in silt, dup of 98421 MM
98421	10	1 Mod fl	MM	Dk gr	Silt, sand	Low	Pv	Dup of 98420 ASS
98422	2	0.5 Mod st	MM	Dk gr	Silt, sand	Mod	Dbo	MG
98423	0.3	0.1 St	MM	Br	vfg silt	Mod	Dbo	MG
98424	0.3	0.2 Mod fl	MM	Dk gr	Silt, sand	Mod	Pv + Dbo	Minor rusty Py FG
98425	4 Dry	Mod fl	MM	Lt gr	Silt, sand	Low	Pv + Dbo	Ck fl +50% rusty Py FV
98426	4 Seep	Mod	MM	Lt gr	Silt, sand	Low	Pv	Py FV fl
98427	1	3 Mod	MM	Lt gr	Sand, gravel	Low	Pv	Py FV fl
98428	2	0.5 Mod	MM	Lt gr	Silt	Mod	Pv	Large angular Py FV
98429	5	1 St cliff face	MM	Dk gr	Silt, sand	Mod	Dbo	Bio hblid granodiorite
98430	1	0.3 Cliff face	MM	Dk gr	Silt, sand	Low	Dbo	Bio hblid granodiorite
98431	1	0.5 Mod st	MM	Dk gr	Silt, sand	Low	Ps	Ps fl, large 3m blocks pegmatite
98432	1	0.5 Mod st	ASS	Lt gr	Silt, sand	Low	Ps	Ps fl, peg fl, pH = 9.3
98433	5	2 Mod	MM	Lt gr	Silt, sand	Low	Ps	Ps fl, minor peg, minor Py FV, qtz v
98434	3	0.5 Mod	SS	Gr	Silt, sand	Low	Dbo	Mafic int fl, smpl from debris fan
98435	2	1 Mod	SS	Dk gr	Silt, sand	Low	Dbo	Mass bull qtz vein fl, barren
98436	2	1 Mod st	MM	Dk gr	Silt, sand	Mod	Dbo	
98437	5	2 Fl	MM	Dk br	Silt	Mod, high	Pv	MV, FV
98438	1 Dry	Mod	MM	Gr	Sand, c silt	Mod	Pv	MV, FV in fl blocks from cliffs above
98439	1 Seep	Fl	MM+ASS	Gr	Sand	High	Pv	Poor smpl, limited dispersion
98440	1 Seep	Fl	ASS	Gr	Sand	Low	Q	Poor smpl, limited dispersion
98441	1 Seep	Fl	ASS	Gr	Sand	Low	Q, Pv	Poor smpl, limited dispersion, Py FV
98442	0.3	0.1 Fl	ASS	Dk gr	Silt, sand	High	Q, Pv	Poor smpl, limited dispersion, Py FV
98443	5	0.5 Cliff face	MM	Dk gr	Silt	Low	Ps	No "Creeks" slate, Rx 301554
98444	1	0.5 Mod	MM	Dk gr	Silt	Mod	Ps, Pv	Py FV, Rx 301554
98445	8	1 Cliff face	MM	Dk gr	Silt, sand	Low	Ps	Ps oc, slate
98446	10	1.5 Mod fl	MM	Dk gr	Silt	Low	Ps	Py FV fl, peg fl
98447	2	0.4 Mod fl	MM	Dk gr	Silt	Mod	Ps	Ps oc, FG fl, dup of 98445
98448	2	0.4 Mod fl	MM	Dk gr	Sand	Very low	Ps	Ps oc, FG fl, dup of 98447
98449	1	0.5 Mod	MM	Dk gr	Silt	Low	Ps	Foliated gn, isoclinal folding
98450	2	0.5 Mod	MM	Dk gr, br	Silt	Low	Ps	Ps oc, Dbo fl, qtz, peg v
98451	1 Dry	Mod	MM	Lt gr	Silt, sand	Mod	Pv	MV fl
98452	1	0.5 Mod	MM	Gr	Silt, sand	Mod	Pv	MV, no py
98453	2	0.3 Mod st	MM	Gr, br	Silt, sand	Mod	Pv	MV + FV, Py FV 2 m beds Py<1%
98454	1 Dry	Fl	MM	Lt gr	Silt, sand	Mod	Q	Mixed gn
98455	0.5	0.2 Mod	MM	Dk gr	Silt	Mod high	Pv	Mixed gn in road oc

APPENDIX D

GEOCHEMICAL DATA SHEET - South Scotia - 1995

ROCK CHIP GEOCHEMISTRY

PROJECT: Scotia South

NTS: 103I/04E; 103H/14E

C:\myfiles\scotia\gods1995a.wb3

Sample Number	Claim Group	Location	Rock Type	Sample Type	Width (m)	Alteration	Weathering	Mineralization	Observations Remarks
301551	Big	Sx99406	Qtz Vein	Fl, grab		0.2 Ss, ear Arg	Weathered, sul leached out	Py, opy	Qtz vein, py, opy in Py Gn
301552	Big	Sx99406	MG, FG	Fl, grab		0.3	Fresh	Py, opy 1-3 %	Sulphide bearing gn, mineralized rock unit
301553	Big	Sx99407	MG, IntG	Chip	2-10	Local ear, phy	Fresh	Pyrite to 5%, minor opy	lower MV unit, Py to 5%, minor opy
301554	Big	Sx99407	MG, IntG	Chip	2-10	Local ear, phy	Fresh	Pyrite to 5%, minor opy	upper FV unit, Py to 5%, minor opy
301555	Big	Sx99409	Py MG	Fl, grab		0.4 Biotite	Weathered		Py MV rock unit
301556	Eastall North	Sx99417	Pv	Rep Chip		2 Ss, wed	Banworks	Py, lim	Epi qtz vbx, fl to 2m
301557	Eastall North	Sx99417	Pv	Rep Chip		0.5 Ss, wed	Banworks	Py, lim	Bull qtz vein float, Mn
301558	Eastall North	Sx99418	Pv	Rep Chip		2.5 Ss, ear	Mod, some limonite	Foliated py to 5%	Py FV bed, similar to Red Gulch, Eastall deposit
301559	Eastall North		Pv, Py Qtz Ser Schist	Grab Float		0.1 Ss, ear	Weathered, Leached	Foliated py to 10%	Py chert exhalite float, cobble rounded, flat, distal to source
301560	Eastall North	Sx99427	Pv	Grab		0.5 Ss	Partly Leached	Py, 1%	Py FV unit, local stockwork py veining
301562	Tie North		Pv	Chip		0.4 Ser, mus, bio	Weathered	Minor py	Rusty micaceous schist
301563	BFC	No Creeks	Ps	Rep Chip		0.4 Mus, sil	Mod	Minor py	Qt, mus; altered exhalite?
301564	BFC	No Creeks	Pv	Rep Chip 2m Float		0.4 Ser, mus, bio	Mod	Py, minor opy?	20 mm x 5 mm epitaches of dis subaerial py
301565	BFC	No Creeks	Ps	Grab Float		0.2 Bio, sil	Mod	Py 5%	Py pelagic meta sed, from near Pv - Ps contact
301566	BFC		Pv?	Chip Float		0.2 Hld, amph, sil, skarn	Fresh	Py bands to few mm	Intense alt mass hld and qtz layers, augens, iso folding
301567	BFC		Pv?	Chip Float		0.1 Ss, Hld, amph,	Leached Banworks	Py veinlets, dis	Py bearing qtz augen

APPENDIX D

GEOCHEMICAL DATA SHEET - South Scotia - 1998

ROCK CHIP GEOCHEMISTRY

PROJECT: Scotia

NTS: 103W04E; 103W14E

C:\myfiles\scotia\gods1998.wb3

Sample Number	Claim Group	Location	Rock Type	Sample Type	Width (m)	Alteration	Weathering	Mineralization
301601	BFC	Sx98102	Pv	Fl, grab		Sil, ser	Fresh	Py
301602	BFC	Sx98107	DBo	Fl, grab			Fresh	Py
301603	Ecstall South	Sx98111	Pv	Chip of O.C.	0.2	Sil, Ba	Fresh	Mass sulphide, vein, lense?, few mm, minor cpy, sph
301604	Ecstall South	Sx98121	Pv	Fl, grab O.C.		Sil	Fresh	Dis py exhalite?
301605	Ecstall South	Sx98119	Pv	Grab, Angular Float	0.3	Sil	Weathered	Py, mal