

NTS 103I  
Lat: 54° 05' 17" N  
Long: 129° 40' 39" W

**TECHNICAL REPORT**  
on the  
**SCOTIA PROPERTY**  
Scotia River Area, Skeena Mining Division  
British Columbia, Canada

For

**ZINC ONE RESOURCES INC**  
Suite 410 - 1040 West Georgia Street  
Vancouver, BC, V6E 4H1

and

**ALDEVER RESOURCES INC**  
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By

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and  
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18 September 2017

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## **1.0 SUMMARY**

At the request of Zinc One Resources Inc (the “Company” or “Zinc One”) and Aldever Resources Inc (“Aldever”), this Technical Report has been prepared on the Scotia Property (the “Property” or “Project”), Skeena Mining Division, British Columbia, Canada, to summarize previous work, appraise the exploration potential of the Property, present data supporting a Mineral Resource estimate, and make recommendations for future work.

The Scotia Property is located in the Scotia River area, approximately 40 km southeast of Prince Rupert, in west-central British Columbia. The Property, Tenure ID 593613, was established by online staking, comprises 1,080.93 hectares (“ha”), and has a Good-to-Date of 1 July 2020. The claim is registered to Reza A. Mohammed and is beneficially owned by Aldever Resources Inc (“Aldever”).

Through an option agreement effectively dated 9 January 2017, Rockridge Capital Corp can acquire a 100% undivided interest in the Scotia Property from Aldever. In a name change effectively dated 24 January 2017, Rockridge Capital Corp became Zinc One Resources Inc.

Access to the Property is by helicopter from either Prince Rupert, B.C. located approximately 40 kilometers to the northwest, or from Terrace, B.C. approximately 60 kilometers east. The Scotia Property is located on a steeply sloping, south facing hillside between two southeastern tributaries of the Scotia River.

The Albere Zone (zinc, copper, lead, silver, and gold mineralization) on the Scotia Property was discovered in 1958 during a regional reconnaissance program. Since then, exploration work has included core drilling, geochemical rock and soil sampling, prospecting, geological mapping, and an airborne geophysical survey.

The Scotia massive sulfide deposit lies within the Scotia pendant, a 3.5 kilometer by 7.5 kilometer roof pendant of metavolcanics and metasediments within the Ecstall batholith.

The Albere Zone contains an Inferred Mineral Resource estimate of 632,000 tonnes grading 7.6% zinc, 0.74% lead, 0.11% copper, 19.75 g/t silver, and 0.28 g/t gold (at a NSR US\$75 cut-off) is presented in Section 14 Mineral Resource Estimates.

A two phase exploration program is recommended for the Scotia Property. Phase 1 work will target areas on strike and adjacent to the historical drilling done at the Albere Zone and surrounding geophysical anomalies from the airborne survey. Fieldwork should consist of prospecting, geological mapping, and geochemical sampling. The Phase 1 budget is estimated at approximately \$260,000.

Phase 2 work is not contingent upon, but may be enhanced by, Phase 1 results. Phase 2 work would consist of up to five drill holes averaging 200 meters in depth, approximately totaling 1,000 meters (3,280 feet). Phase 2 drilling is estimated to cost approximately \$1,500,000.

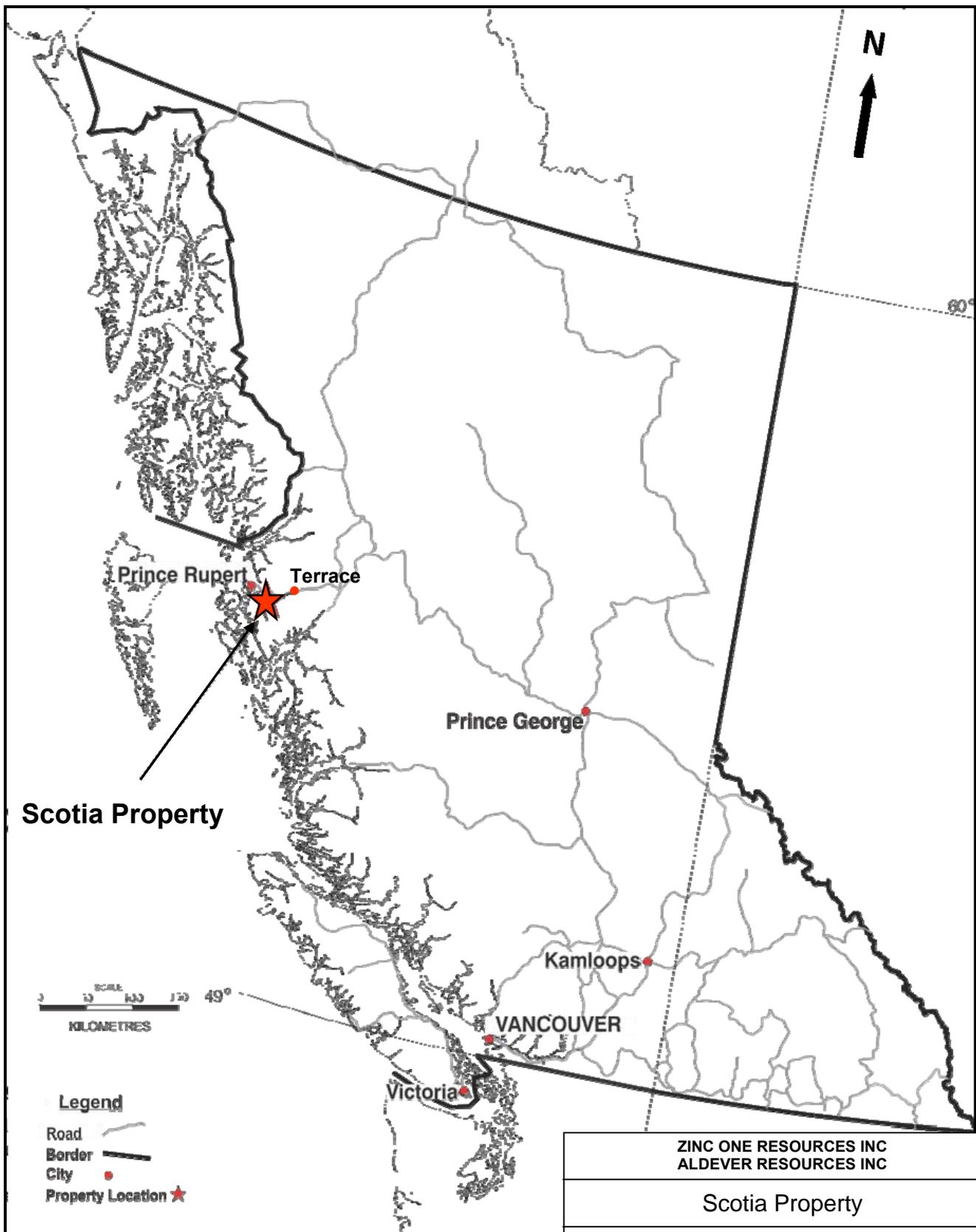
## **2.0 INTRODUCTION**

At the request of Zinc One Resources Inc (the “Company” or “Zinc One”) and Aldever Resources Inc (“Aldever”), this Technical Report has been prepared on the Scotia Property (the “Property” or “Project”), Skeena Mining Division, British Columbia, Canada, to summarize previous work, appraise the exploration potential of the Property, present data supporting a Mineral Resource estimate, and make recommendations for future work. This report is based upon unpublished reports and property data, publicly-available assessment reports, and government maps and publications. Sources of information and data used in the preparation of the Technical Report include:

- Ministry of Energy and Mines (“MEM”) Assessment Reports;
- ARIS Assessment Reports;
- Various company reports on historical programs;
- Ministry of Energy and Mines GIS database;
- MapInfo GIS database compiled by Great Bear Geological Services under the direction of Arnex Resources Ltd;
- Gemcom GIS database compiled by Leo Lindinger under the direction of Arnex;
- Field sample data conducted by Arnex;
- Remote Sensing Interpretation, John Berry Associates, October 11, 2006; and
- Airborne Geophysical Survey – Aeroquest Limited.

Expenditures on the Property during the past three years, including the 2014 and 2015 soil geochemical surveys, and the packsack drilling program, total \$110,037.22.

Co-writer E.D. Harrington, P.Geo., examined Property geology and infrastructure on 18 June 2017. Co-writer G. Giroux, P.Eng., has not visited the Property. The co-writers are “qualified persons” within the meaning of National Instrument 43-101 of the Canadian Securities Administrators.



Scotia Property



- Legend**
- Road
  - Border
  - City
  - Property Location

ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC

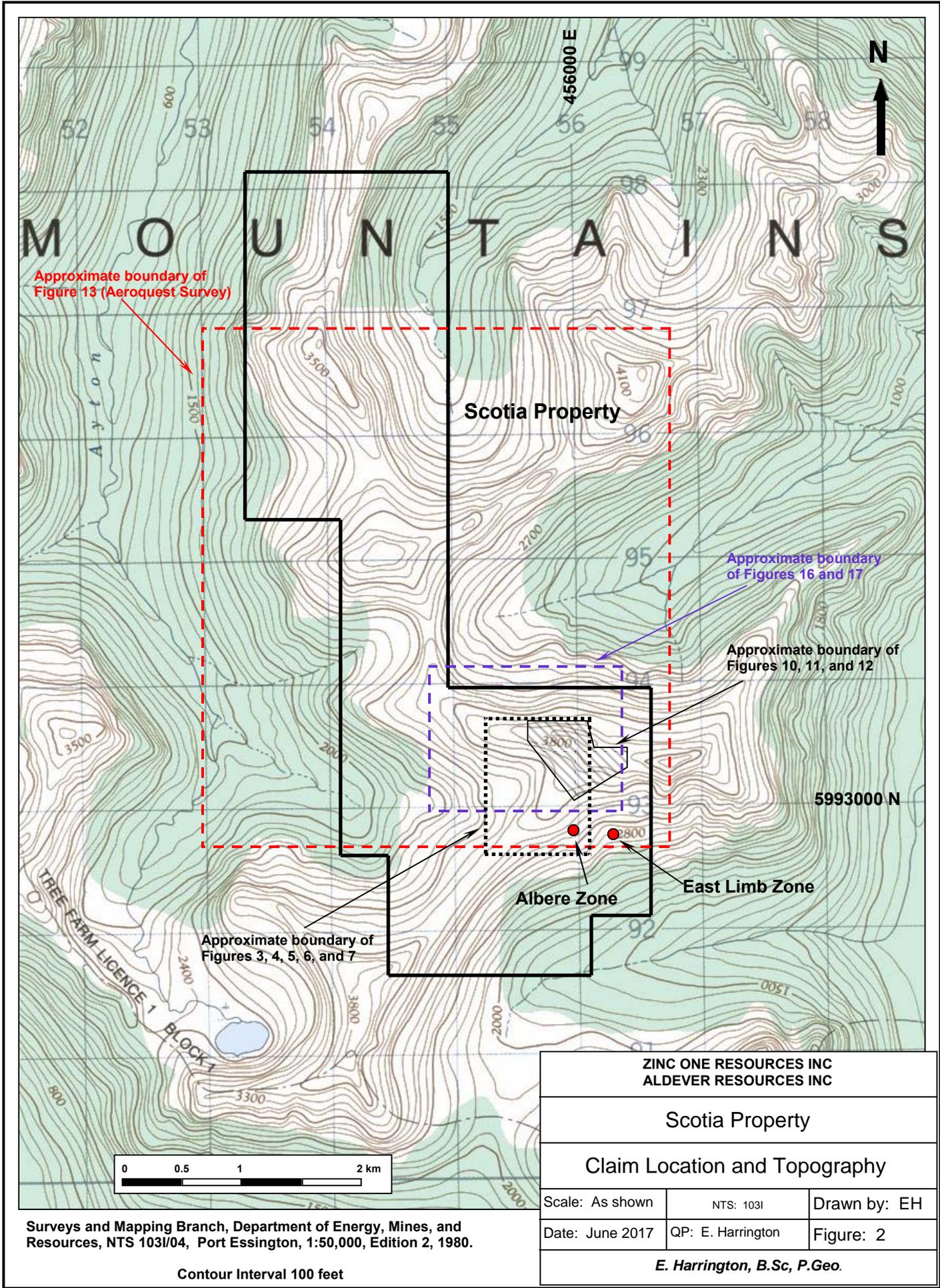
Scotia Property

Regional Location

Scale: As shown	NTS: 1031	Drawn by: EH
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Date: June 2017	QP: E. Harrington	Figure: 1
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*E. Harrington, B.Sc, P.Geo.*



Approximate boundary of Figure 13 (Aeroquest Survey)

Approximate boundary of Figures 16 and 17

Approximate boundary of Figures 10, 11, and 12

Approximate boundary of Figures 3, 4, 5, 6, and 7

Alberge Zone

East Limb Zone

Scotia Property

ZINC ONE RESOURCES INC  
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Scotia Property

Claim Location and Topography

Scale: As shown

NTS: 1031

Drawn by: EH

Date: June 2017

QP: E. Harrington

Figure: 2

E. Harrington, B.Sc, P.Geo.

Surveys and Mapping Branch, Department of Energy, Mines, and Resources, NTS 1031/04, Port Essington, 1:50,000, Edition 2, 1980.

Contour Interval 100 feet

### **3.0 RELIANCE on OTHER EXPERTS**

Not applicable to this report.

### **4.0 PROPERTY DESCRIPTION and LOCATION**

The Scotia Property is located in the Scotia River area, approximately 40 km southeast of Prince Rupert, in west-central British Columbia. The Property is centered on latitude 54° , 05' , 17" North and longitude 129° , 40' , 39" West (Figures 1 and 2).

The Property, Tenure ID 593613, was established by online staking, comprises 1,080.93 hectares ("ha"), and has a Good-to-Date of 1 July 2020. The claim is registered to Reza A. Mohammed and is beneficially owned by Aldever Resources Inc ("Aldever"). Through an option agreement effectively dated 9 January 2017 (the "Agreement"), Rockridge Capital Corp ("Purchaser") can acquire a 100% undivided interest in the Scotia Property from Aldever ("Vendor") by:

- Paying the Vendor \$25,000 and issuing 200,000 common shares within five days of Agreement acceptance by the Venture Exchange [paid and issued];
- Paying the Vendor an additional \$25,000 and issuing an additional 300,000 common shares on or before the first anniversary of the effective date of the Agreement; and
- Issuing an additional 400,000 common shares and completing \$500,000 of exploration expenditures on the Property on or before the second anniversary of the effective date of the Agreement.

In a name change effectively dated 24 January 2017, Rockridge Capital Corp became Zinc One Resources Inc.

The writers are not aware of any particular environmental, political, or regulatory problems that would adversely affect mineral exploration and development on the Scotia Property. To the writers' knowledge, there are no restrictions to exploration or exploitation in regard to surface rights or legal access.

Surface rights over the Scotia Property are owned by the Province of British Columbia. Exploration permits must be obtained from the B.C. Ministry of Energy, Mines & Resources, prior to carrying out mechanized exploration on the property. No work permits are currently held or have been applied for by either Zinc One or Aldever.

Political uncertainty with local groups is a significant risk. While both Issuer and Vendor work closely with all local groups, such as First Nations, there is a risk that opposition could delay exploration and development of the Property. Continued dialogue with local groups will mitigate this risk.

## **5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, and PHYSIOGRAPHY**

Access to the Property is by helicopter from either Prince Rupert, B.C. located approximately 40 kilometers to the northwest, or from Terrace, B.C. approximately 60 kilometers east. Vehicle access is by intermittently active barge from Kwinitza, on the north shore of the Skeena River, to the Scotia River logging camp on the south shore of the Skeena River. The logging camp is owned by International Forest Products ("Interfor") and operated by Bear Creek Contracting of Terrace. Much of the network of logging roads in the Scotia River Valley is obsolete and would need significant upgrades. More recently deactivated logging roads are potentially accessible by four wheel drive vehicles, but damaged or removed bridges preclude direct property access.

The Scotia Property is located on a steeply sloping, south facing hillside between two southeastern tributaries of the Scotia River (Figure 2). Steep topography would make exploration and exploitation of the Property difficult. The Albere showing outcrops generally above the tree line at an elevation of approximately 820 meters, with conifer forest occurring down-slope, and alpine scrub and brush occurring up-slope.

The Ecstall-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 and snowfall generally restricted to higher elevations. Temperatures reach lows of about  $-10^{\circ}\text{C}$ . Summer weather is variable, typically with mixed rain and cloud, and temperatures from  $10^{\circ}\text{C}$  to  $25^{\circ}\text{C}$ . 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 approximately 1,000 meters. Fir, hemlock, and willow dominate with lesser poplar, birch, and alder. Short brush and lichen predominates above 1,000 meters.

Most valleys have been logged in the last 30 years and the main valleys are covered by a network of unmaintained logging roads. A Canadian National rail line is located along the north bank of the Skeena River, linking Prince Rupert with interior British Columbia. Electric power is available on the south bank of the Skeena River near the Scotia River camp. Water is plentiful year round. A year round deep-sea shipping port is located at Prince Rupert. Prince Rupert, Terrace, and Smithers are the closest supply centers.

## **6.0 HISTORY**

### **6.1 Area History**

In 1958, Texas Gulf Sulphur discovered the Albere Zone on the Scotia Property during a regional reconnaissance program. In 1978 and 1979, a regional geochemical stream sediment and water reconnaissance program was carried out by the British Columbia Geological survey on NTS map sheets 103I (Terrace) and 103J (Prince Rupert). These reconnaissance samples were reanalyzed in 1991 and published as BC RGS 42 in June 1995. The release included 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. (Birkeland et al 2011).

A two year geological mapping program was conducted by the British Columbia Geological Services Branch ("BCGSB") by D. Alldrick. The 1:20,000 scale mapping was released in 2001 as a Geoscience Map titled Geology and Mineral Deposits of the Ecstall Greenstone Belt, North West BC. The BCGSB subsequently conducted a Regional Geochemical Survey (Open File 2001-13) reporting the results of stream sediment and water sampling of 228 sites over a 1,800 square kilometer area.

### **6.2 Historical Property Exploration**

In 1960, 10 holes totaling 570 meters were drilled by TexasGulf Inc. Of the 10 holes, seven holes intersected significant base and precious metal mineralization (Table 1). The most significant intersection was from drill hole S-01-60 which assayed 19.9% zinc and 26 g/t silver over 7.7 meters (Birkeland et al 2011).

Interpreted results from the 10 drill holes in the Albere Zone estimated a mineralized body of approximately 30,000 to 50,000 tons grading 20% zinc and 2% lead (Birkeland 1998). While the resource estimate is considered relevant, it is historical, does not meet either NI 43-101 or CIM (Canadian Institute of Mining, Metallurgy, and Petroleum) standards, and therefore should not be relied upon.

The writers have not verified the estimate or the assay results supporting them, nor has Zinc One or Aldever done the drilling and sampling necessary to verify the resource estimate. Zinc One and Aldever are not treating the historical estimate as current mineral resources or reserves.

**Table 1: Significant Texas Gulf Drill Intersections 1960**

HOLE		FROM	TO	WIDTH	Zn %	Pb %	Cu %	Ag g/t	Au g/t
S-01-60		16.1	23.8	7.7	19.89	0.92	0.34	26.2	0.1
S-02-60		3.5	7.0	3.5	14.58	1.28	0.16	30.2	0.0
S-02-60		14.9	17.2	2.3	14.29	0.25	0.61	21.3	0.0
S-06-60		17.1	21.3	4.2	9.15	1.13	0.17	13.7	0.0
S-06-60		29.3	33.1	3.8	28.73	4.44	0.41	68.6	0.7
S-07-60		29.9	34.1	4.2	11.39	1.93	0.16	81.1	1.3
S-09-60		36.9	39.1	2.2	12.33	2.29	0.13	16.4	0.3
S-09-60		44.9	48.3	3.4	11.56	1.18	0.12	13.3	0.0
S-10-60		57.4	61.3	3.9	0.13	2.41	0.13	22.8	0.6

HOLE		FROM	TO	WIDTH	Zn %	Pb %	Cu %	Ag g/t	Au g/t
S-11-80		63.3	81.4	18.1	9.78	1.01	0.08	13.7	0.1
S-11-80	Incl	63.3	65.4	2.1	28.70	1.00		20.6	
S-11-80	Incl	71.4	72.2	0.8	33.50	2.70		30.9	
S-11-80	Incl	76.1	76.6	0.6	24.40	8.10		154.3	
S-11-80	Incl	79.3	81.4	2.2	35.90	3.20		24.0	
S-12-80		64.6	67.2	2.6	4.89	0.23	0.10	18.1	0.3
S-12-80		77.3	77.8	0.5	18.00	0.30		13.7	
S-13-80		59.2	62.0	2.8	7.50	0.99	0.32	29.6	0.5
S-14-80		132.1	135.5	3.4	7.83	0.27	0.06	9.9	0.1
S-15-80		66.5	73.7	7.2	7.10	1.60		27.4	0.6
S-16-80		69.0	73.7	4.7	2.84	1.79	0.26	29.6	0.2

In 1970, TexasGulf carried out geological mapping and soil geochemical programs. A well defined multi-element soil anomaly was associated with the massive sulfide outcrop at the Albere zone.

Assessment reports for work carried out after 1979 are listed in the following table.

**Table 2: Property Assessment Reports**

Year		AssRp ID#	Owner	Operator	Author	Description
Work	Report					
1980	1981	9302	TexasGulf Inc	TexasGulf Inc	DeLancey	Drilling 7 core holes totaling 960 meters
1981	1982	10332	TexasGulf Inc	TexasGulf Inc	Meyers Moreton	Reconnaissance and detailed mapping, core drilling 4 holes totaling 1104.2 meters
1984	1985	13794	Kidd Creek Mines	Andaurex Resources	Hilker	Drilling 11 core holes totaling 772 meters
1987	1987	16795	Kidd Creek Mines	KiddCreek Mines	Hendricks on	Establish grid, complete 9km of ground geophysics VLF, Mag, Gradiometer
1997	1998	25612	Bishop Resources	Arnex Resources	Birkeland Lindinger	10-hole core drilling program totaling 938.2 meters
1999	2000	26168	Bishop Resources	Arnex Resources	Birkeland	Geochemistry - rock and moss mat stream sediment
2005	2006	28054	Geo Minerals	Arnex Resources	Birkeland	83 core sampling (re-sampling program), 9 rock samples East Limb, 1 silt sample
2006	2007	29340	Geo Minerals	Arnex Resources	Birkeland	Gridded soil geochemical program 114 soil samples
2008	2009	30579	Geo Minerals	Arnex Resources	Birkeland	Orthophoto mosaic preparation
2009	2009	31210	Geo Minerals	Geo Minerals	Gray	Geochemical rock samples (12) of East Limb Zone and soils (25) at lower elevations
2009	2010	32073	Hawkeye Gold and Diamonds	Arnex Resources	Birkeland	Geochemical survey targeting airborne geophysical anomalies comprising soil (67), moss mat (136), and rock samples (64)
2012	2013	33583	GeoNovus Minerals	GeoNovus Minerals	Gray	Surficial terrain assessment and mapping
2014	2015	35283	GeoNovus Minerals	GeoNovus Minerals	Weicker	Geological mapping (4 rock samples), soil geochemistry (21 soil samples), and prospecting
2015	2015	35556	Mohammed	Glenmark Capital	Gray	Rock and soil sampling, backpack drilling

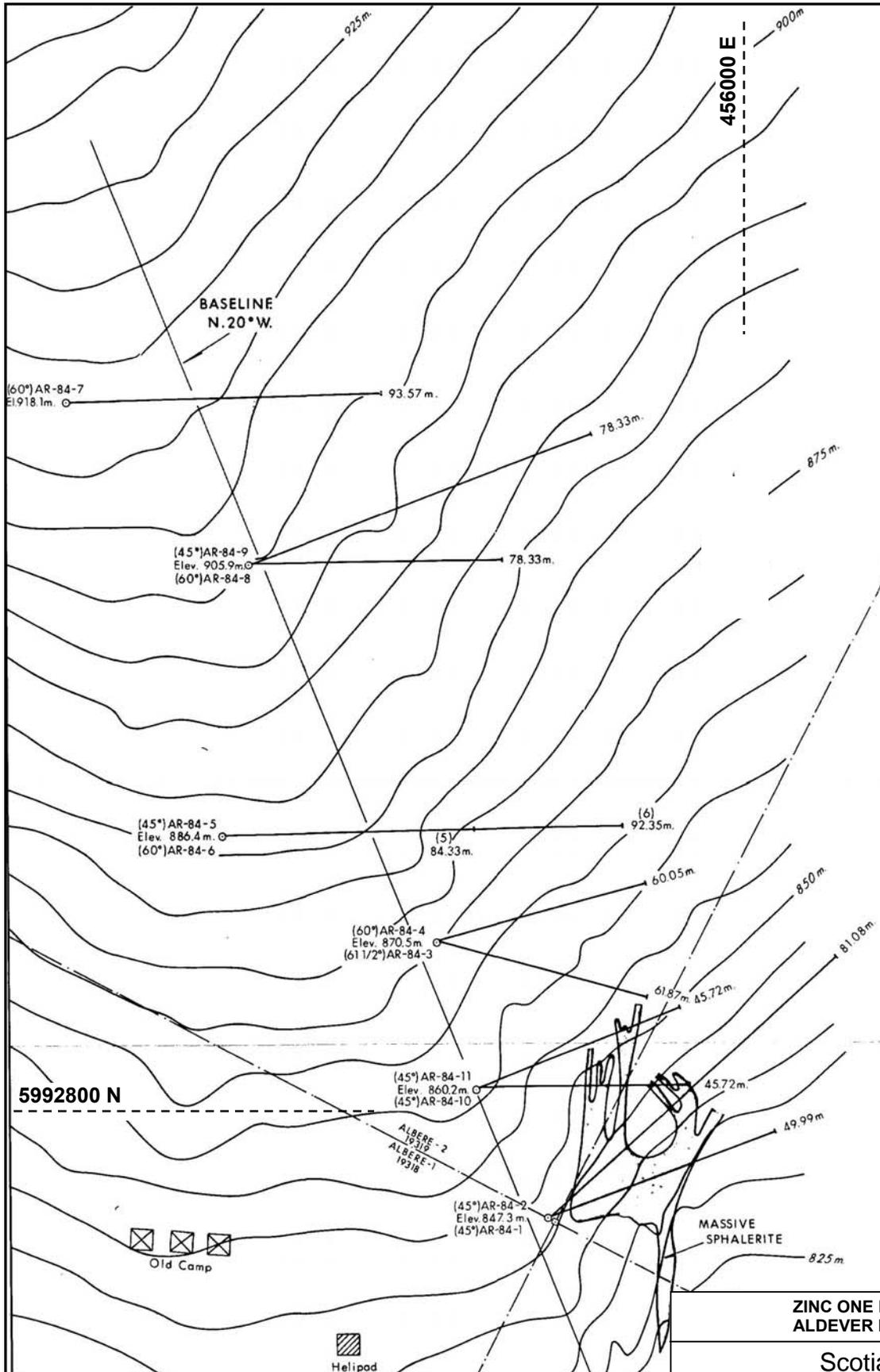
In 1980, an exploration program comprising seven drill holes totaling 960 meters was carried out by TexasGulf. Massive sulfides were encountered in six holes with the best interval being 9.8% zinc and 14 g/t silver over 18.1 meters.

In 1981, geological mapping at a scale of 1:5,000 was carried out on the south-central claim area. Four broadly spaced step-out holes were drilled totaling 1,104.2 meters. Three of the holes were drilled in the vicinity of the main zone at the Albere Showing. A substantial section of the pyrite-sericite host-rock "alteration zone" was cut, but no massive sulfides were intersected. The 1980 dimensions of the Albere Zone were not increased. The fourth hole, drilled one kilometer to the northwest and targeted to test a gossanous zone, did not return encouraging assay results.

In 1984, Andaurex Resources ("Andaurex") carried out a drill program for Kidd Creek Mines consisting of 11 holes totaling 767 meters (Figure 3, Hilker 1985). An interpretation of drilling results from the Albere Showing showed three mineralized areas, the Upper, Lower, and Middle Zones, containing significant zinc mineralization, with lesser amounts of silver and lead. Plotting of drill data showed a mineralization strike trend of  $340^{\circ}$  and a strike length of approximately 228 meters. The mineralized zones are consistent along strike and occur within an undulating lateral folded or drag fold structure. The folded structure dips  $-40^{\circ}$  southwest, with pinching and swelling down-dip.

The mineralized zones are hosted within an overturned fold with related drag folding caused by shearing. The drag folds possibly plunge south within the overturned fold structure. The fold structure appears to be situated on the west flank of an anticline. Mineralization is enclosed within a complicated structural feature, but is consistent in continuity along the strike and dip of the zones.

In 1987, Kidd Creek Mines established approximately 10 kilometers of grid lines and conducted magnetometer, VLF-EM, and lithogeochemical surveys (Figures 4 and 5).



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Scotia Property

Drill Locations 1984

Scale: As shown

NTS: 1031

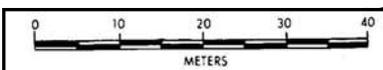
Drawn by: EH

Date: June 2017

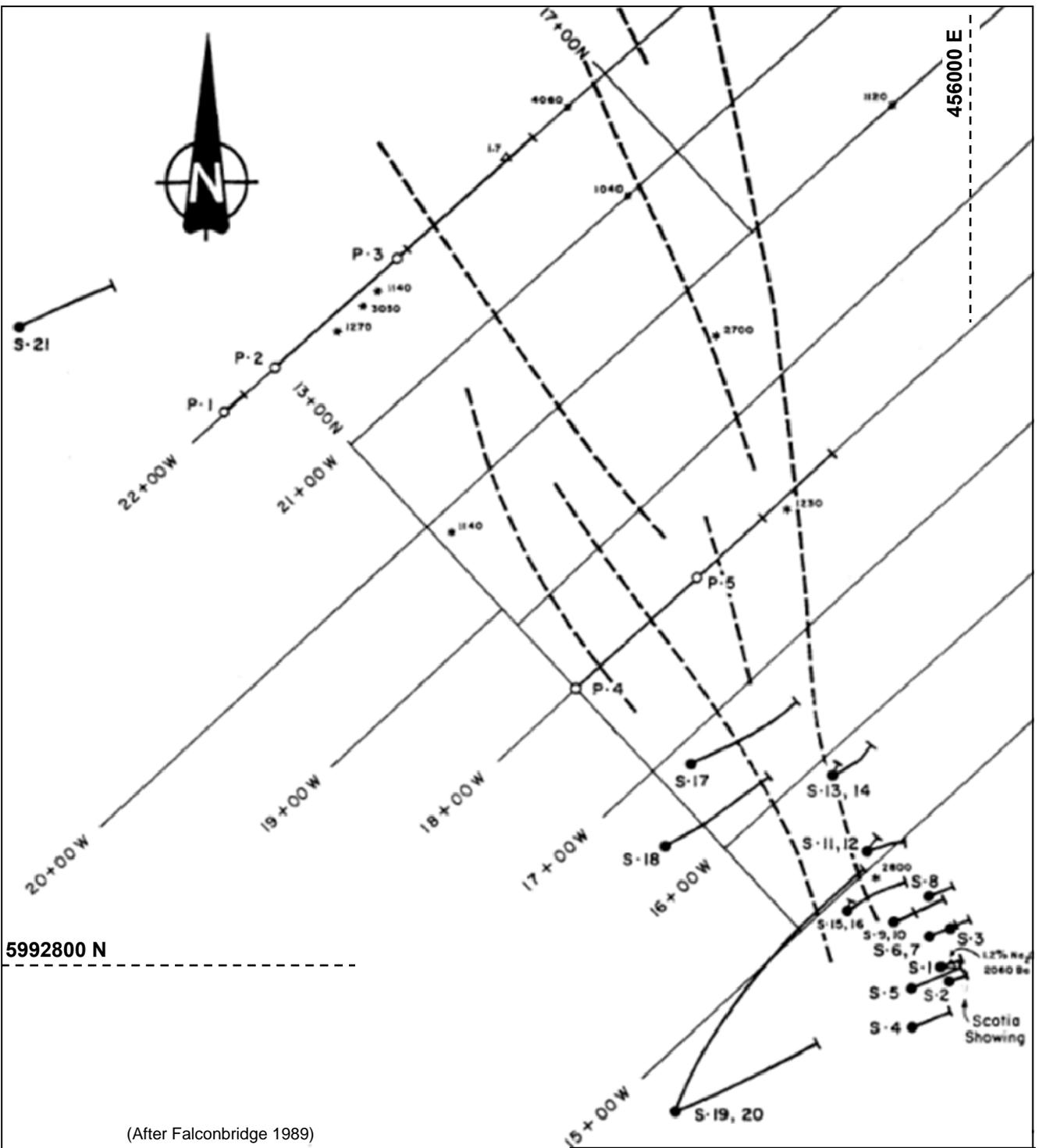
QP: E. Harrington

Figure: 3

E. Harrington, B.Sc, P.Geo.



(After Hilker 1985)



(After Falconbridge 1989)

**LEGEND**

- S-1 Old hole
- P-1 Proposed hole
- VLF-EM conductor
- 1140 Ba anomaly (> 1000 ppm), value in ppm.
- ▲ 1.7 Na<sub>2</sub>O anomaly (< 2.0 %), value in %.

ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC

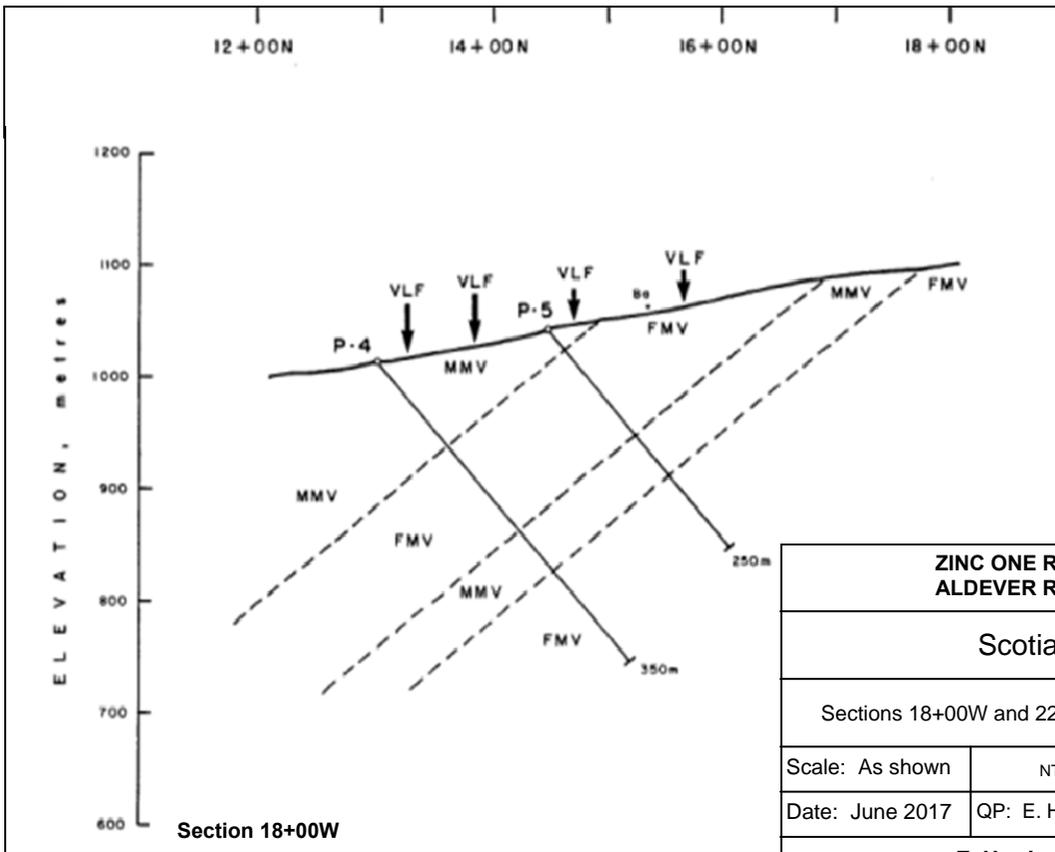
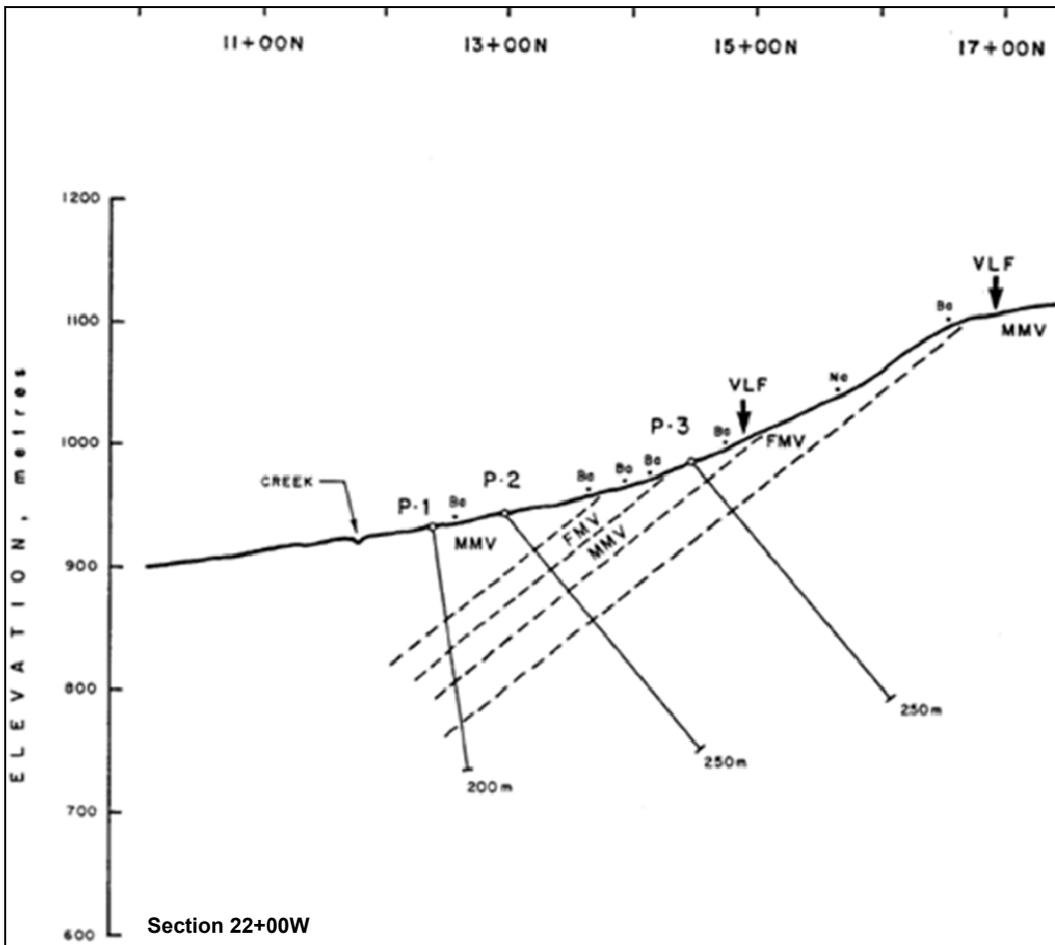
Scotia Property

Falconbridge Drill Hole Locations and Compilation

Scale: As shown      NTS: 1031      Drawn by: EH

Date: June 2017      QP: E. Harrington      Figure: 4

*E. Harrington, B.Sc, P.Geo.*



**LEGEND**

PEG	Pegmatite
D	Diorite
SUL	Semi-massive to Massive Sulphides
FMV	Felsic Meta-volcanic
MMV	Mafic Meta-volcanic
VLF	VLF Conductor
Ne	Na <sub>2</sub> O Depletion Anomaly
Ba	Ba Anomaly

(After Falconbridge 1989)

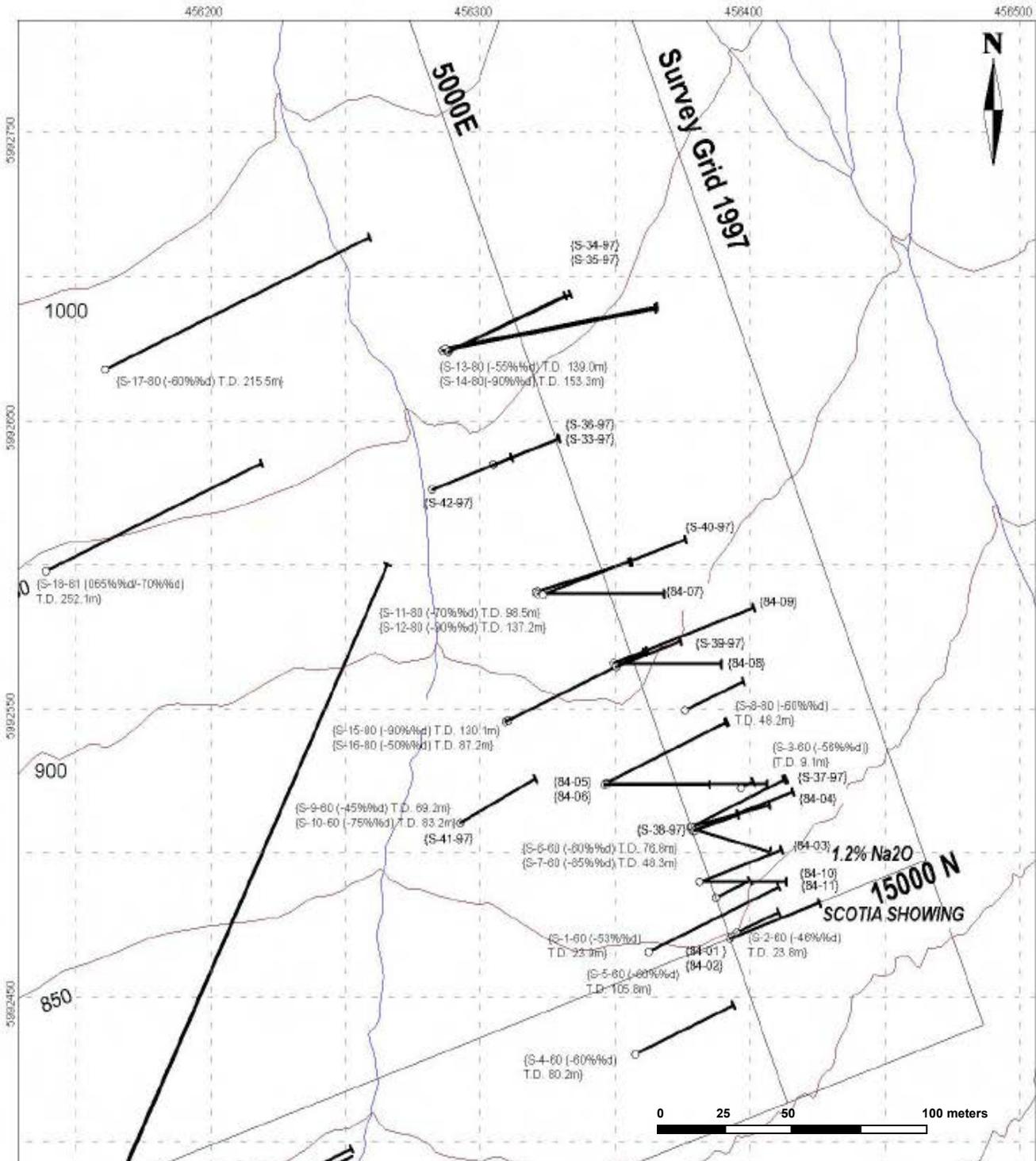
ZINC ONE RESOURCES INC ALDEVER RESOURCES INC		
Scotia Property		
Sections 18+00W and 22+00W (Az 047° Looking NW)		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 5
E. Harrington, B.Sc, P.Geo.		

A total of 159 select rock samples were studied to identify areas of hydrothermal alteration that might be related to massive sulfide occurrences. The geophysical surveys found conductors associated with massive sulfide mineralized zones. The surveys concluded the following:

- The strong north-trending VLF responses may represent the trace of the known mineralization and/or new mineralized horizons;
- Magnetic highs show erratically disseminated magnetite is present in certain horizons. The higher magnetic susceptibility of these horizons generally indicates that the bedrock is more mafic. Magnetic lows may be due to felsic volcanic horizons or metasediments; and
- The stronger VLF conductors are generally coincident with the magnetically inferred contact between mafic and felsic rocks.

In 1997, a drill program was conducted by Arnex Resources Ltd. ("Arnex") at the Albere Zone. Ten holes were drilled totaling 938.2 meters. Disseminated, semi-massive and massive base metal sulfide intersections were encountered in nine of the ten holes drilled. The thickest intersection was in drill hole S-37-97 that encountered an apparent width of 26.7 meters grading 9.0% zinc, 1.2% lead, 21.5 g/t silver, 0.3 g/t gold, and 0.2% copper. Mineralized intersections > 15 meters in length were also intersected in two additional holes (Table 3, Figures 6 and 7).

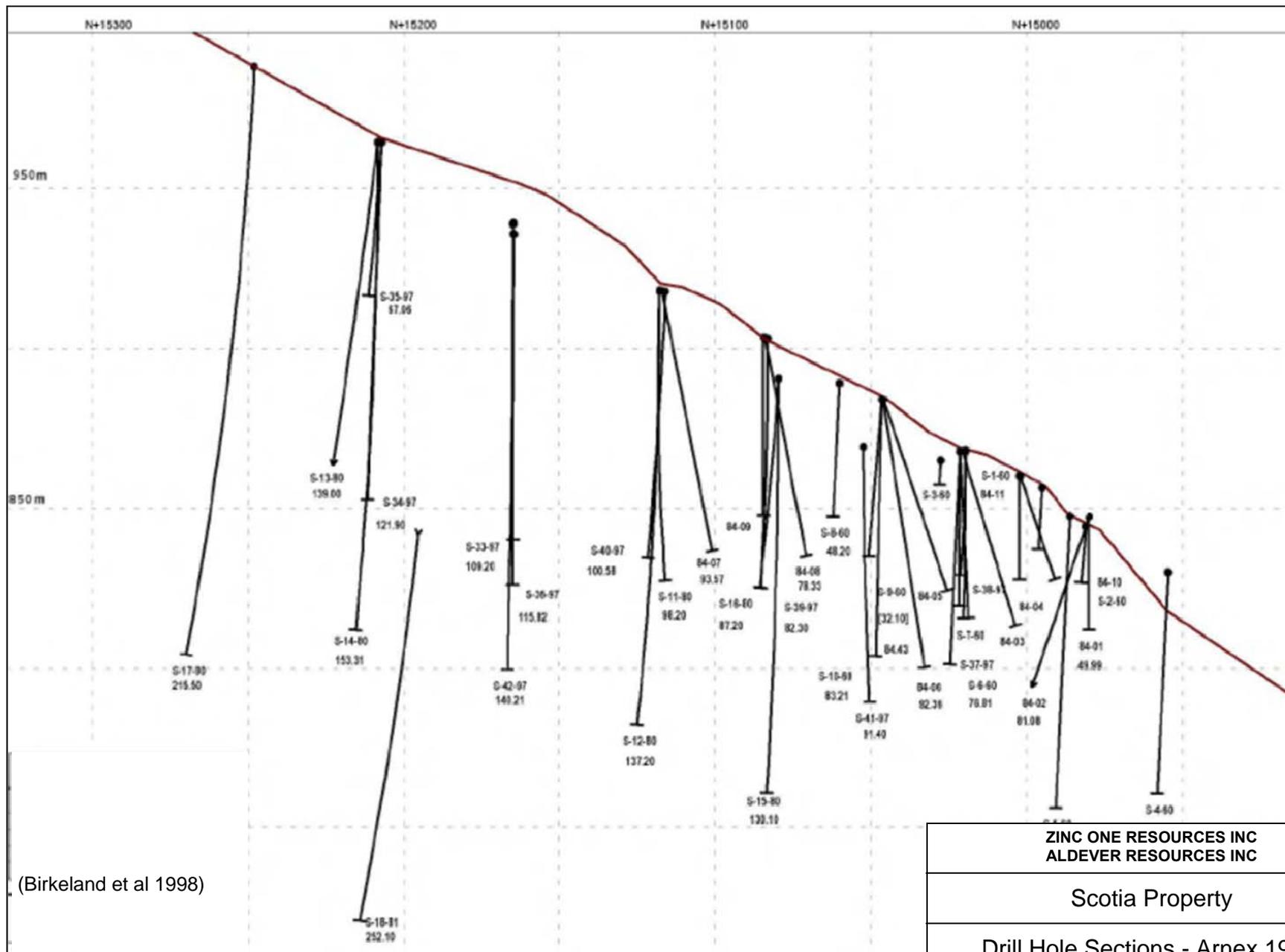
The 1997 drill program extended mineralization in the Albere Zone by 43 meters, to a total length of 205 meters north of the main Albere Showing. The vertical extent of the mineralization encountered is increasing to the north where significant zinc mineralization extends from 11 meters to 95 meters, a drill length of 80 meters, and a true vertical extent of 75 meters. Mineralization appears to remain open to the north. Also, the grade of zinc and copper mineralization encountered in the deeper western zones appears to be gradually increasing to the north.



**Metadata:**  
 Projection: UTM NAD83 Zone 10  
 Original Scale: 1:2000  
 Contour Interval: 50m

GIS and Compilation By Arnex Resources Ltd.

<b>ZINC ONE RESOURCES INC          ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
<b>Drill Hole Locations - Arnex 1997</b>		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 6
<b>E. Harrington, B.Sc, P.Geo.</b>		



ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC

Scotia Property

Drill Hole Sections - Arnex 1997

Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 7

*E. Harrington, B.Sc, P.Geo.*



**Table 3: Significant Drill Intersections - 1997**

HOLE		FROM	TO	WIDTH	%Zn	%Pb	ppm Ag	ppbAu	%Cu
S-33-97		47.4	47.8	0.4	6.8	0.9	26.0	120.0	0.1
S-33-97		68.7	90.1	21.4	6.7	1.1	25.9	559.4	0.1
S-33-97	Incl	68.7	72.3	3.6	22.6	2.3	47.0	1206.4	0.2
S-33-97	Incl	69.2	72.3	3.1	25.5	2.6	53.6	1394.5	0.2
S-33-97	Incl	79.4	80.0	0.6	4.8	1.4	42.0	745.0	0.1
S-33-97	Incl	85.8	90.1	4.3	13.8	2.5	39.3	283.6	0.2
S-33-97	Incl	86.9	90.1	3.2	16.3	2.7	46.0	324.1	0.2
S-33-97	Min-En	85.8	90.1	4.3	13.2	2.6	51.7	298.2	#N/A
S-34-97		62.2	62.6	0.4	18.7	1.9	47.0	90.0	0.2
S-35-97	NO SIGNIFICANT INTERSECTIONS								
S-36-97		11.0	26.2	15.3	7.8	0.1	7.9	90.5	0.2
S-36-97	Incl	11.0	13.5	2.5	14.9	0.3	20.0	114.9	0.5
S-36-97	Incl	18.1	20.7	2.6	4.8	0.0	8.0	183.1	0.3
S-36-97	Incl	22.8	26.2	3.5	19.3	0.1	12.3	133.8	0.3
S-36-97	Incl	24.1	26.2	2.1	29.7	0.1	21.3	345.0	0.3
S-36-97		74.4	76.1	1.8	11.9	0.4	35.6	184.5	0.8
S-36-97	Incl	74.4	75.7	1.3	1.3	0.3	42.8	230.0	1.0
S-36-97	Incl	75.7	76.1	0.5	42.1	0.6	15.0	55.0	0.2
S-36-97		81.1	90.1	8.9	7.2	0.8	18.4	287.5	0.1
S-36-97	Incl	81.1	84.3	3.1	5.2	1.4	19.1	194.1	
S-36-97	Incl	81.1	81.6	0.5	32.0	0.4	17.0	70.0	
S-36-97	Incl	85.9	90.1	4.1	11.5	0.3	9.9	86.9	
S-36-97	Incl	87.0	90.1	3.1	14.7	0.4	10.9	78.7	
S-37-97		15.6	42.3	26.7	9.0	1.2	21.5	297.9	0.2
S-37-97	Incl	15.6	16.4	0.8	3.6	0.8	17.3	114.6	
S-37-97	Incl	15.8	16.4	0.6	4.1	0.9	18.4	85.0	
S-37-97	Incl	21.6	42.3	20.7	11.2	1.4	24.3	339.3	0.2
S-37-97	Incl	21.6	38.1	16.4	11.6	1.4	25.5	380.0	0.2
S-37-97	Incl	21.6	22.1	0.4	8.8	8.6	66.0	130.0	
S-37-97	Incl	25.9	27.7	1.8	32.9	4.7	67.0	425.0	
S-37-97	Incl	30.6	32.1	1.5	7.7	1.0	36.0	1120.0	
S-37-97	Incl	33.0	38.1	5.1	23.0	1.3	28.5	469.6	0.3
S-37-97	Incl	40.6	42.3	1.7	22.6	3.7	45.7	406.9	0.3
S-38-97		17.4	18.0	0.7	46.4	3.5	55.0	450.0	
S-38-97		28.1	30.1	2.0	5.0	0.4	9.8	118.9	
S-38-97	Incl	28.9	30.1	1.2	6.7	0.7	11.7	179.8	
S-38-97		36.8	37.0	0.2	24.9	0.0	12.0	25.0	
S-38-97		47.9	48.5	0.6	3.2	0.3	30.0	30.0	
S-39-97		30.2	33.0	2.8	1.1	0.4	13.6	253.8	0.3

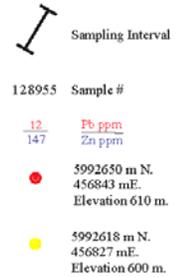
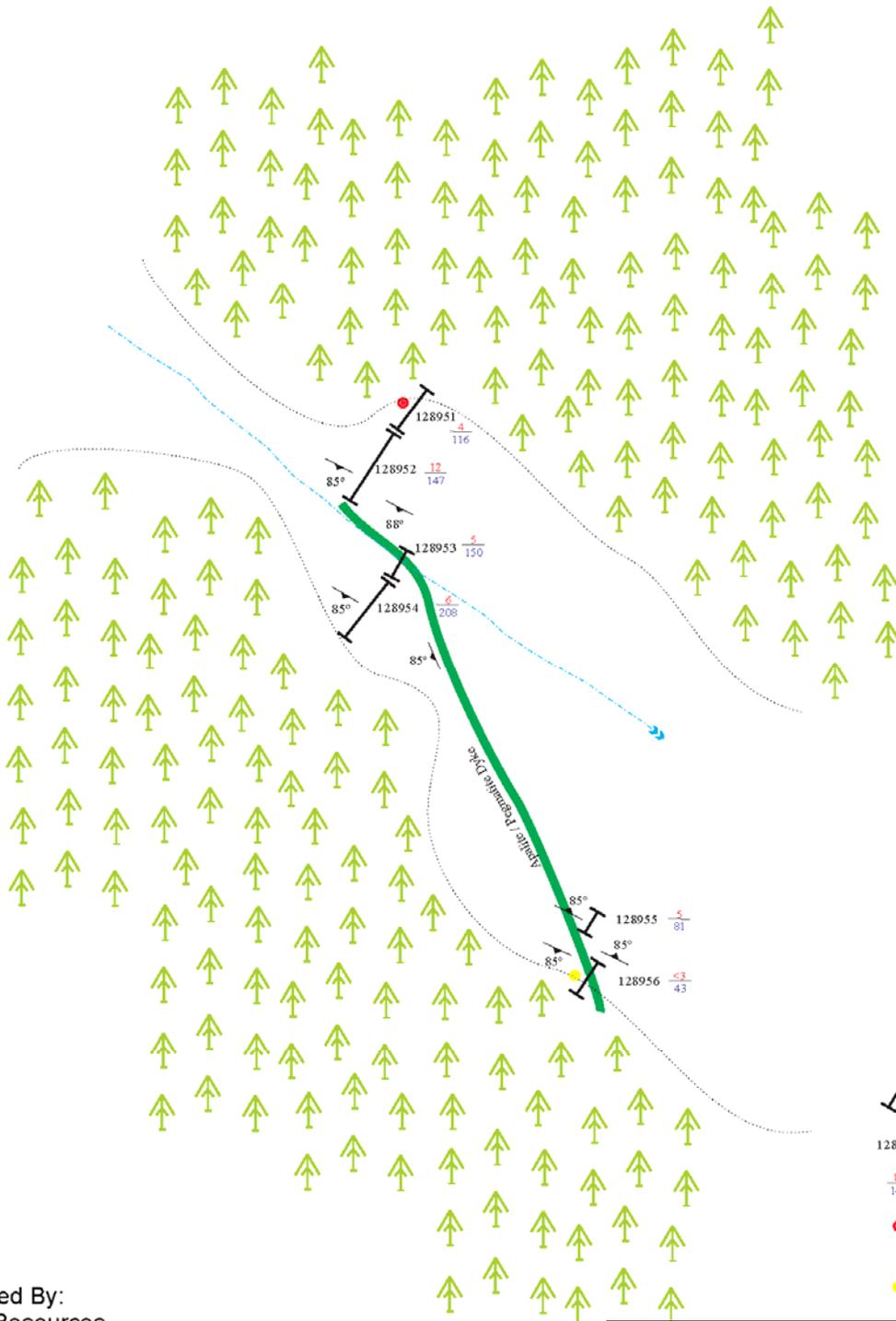
In 1999, Arnex carried out a geochemical survey for Bishop Resources. The survey consisted of rock and stream sediment sampling. Several areas returned anomalous stream sediment results for one or more of the elements zinc, copper, lead, silver, gold, and barium. This suite of elements is closely associated with VMS-type deposits. Significant results were also obtained from rock chip samples of base metal sulfide float and from outcrop sampling.

**Table 4: Range of Values for 1999 Geochemical Surveys**

Element	Stream Sed (40)		Rock Sample (14)		Soil Sample (22)	
	From	To	From	To	From	To
Zinc	14	598	10	824	12	280
Copper	167	6	25	3810	3	102
Lead	<2	78	<5	205	<2	20
Gold	<5	115	<5	50	<5	15
Silver	<0.2	2	<0.2	6.2	<2	0.6

In 2005, Arnex, under the supervision of A. Birkeland, P.Eng., conducted a core sampling verification program and a gridded soil geochemical program (Figures 8 and 9). The 2005 work program consisted of re-sampling selected drill core intervals, and sampling and prospecting a gossanous outcrop in cliff faces east of the Albere showing known as the East Limb Zone. A total of nine rock chip samples and one silt sample were taken from the East Limb Zone (Tables 5 and 6). A total of 83 samples were taken for the core re-sampling program (Table 7). Selected intervals from six drill holes from the 1997 program were chosen to be re-sampled to verify 1997 results.

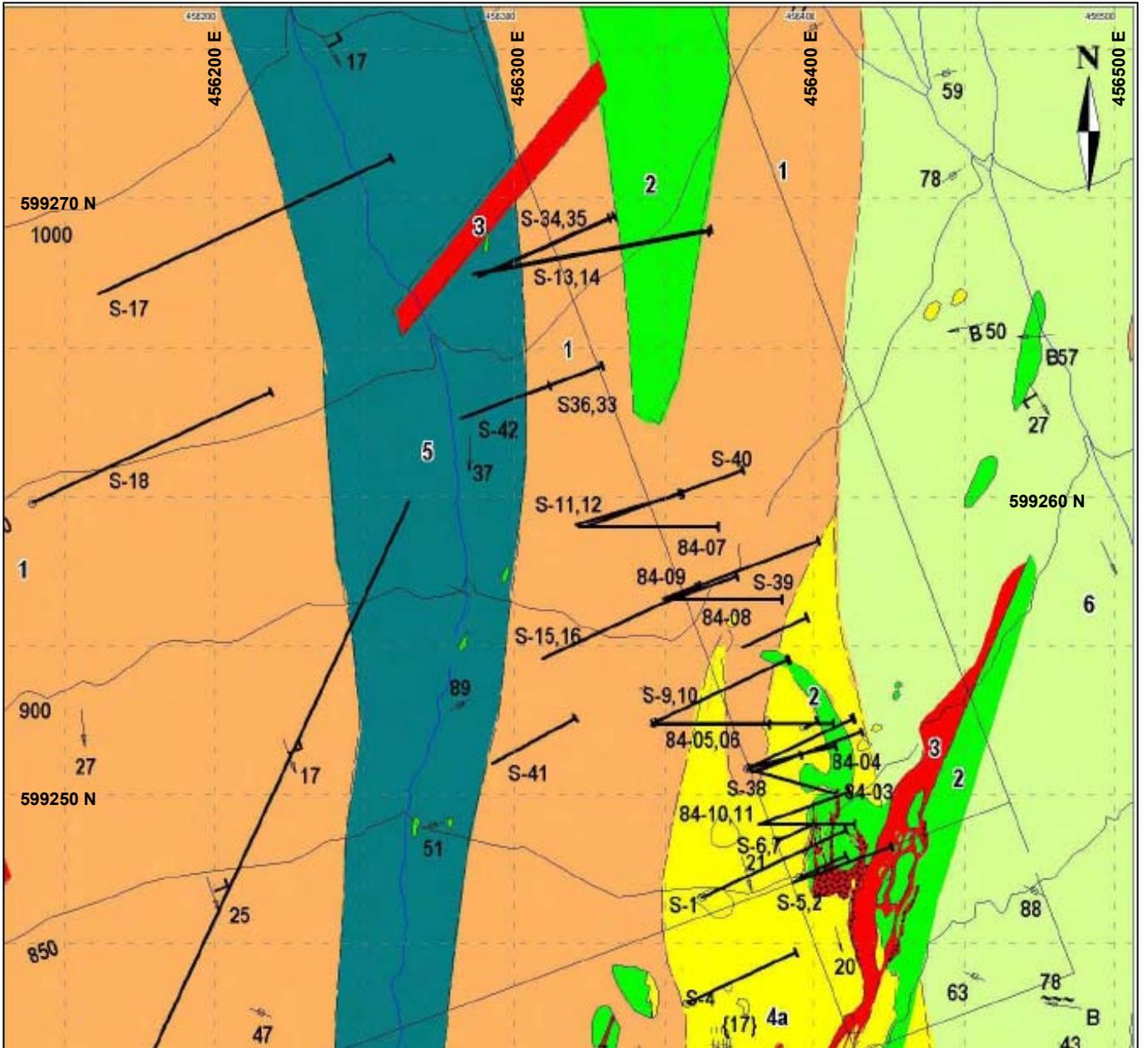
As the 1997 core had already been split, the one-half splits remaining were taken as part of the re-sampling program, and representative specimens were left for the selected core intervals. Of the 83 core interval samples taken, 60 returned "over-limit" base metal values >10,000 ppm. These over-limit samples were not assayed until 2008 (Table 9). A total of nine rock chip samples and one active stream sediment sample were taken by climber-geologists on the East Limb.



Compiled By:  
Arnex Resources

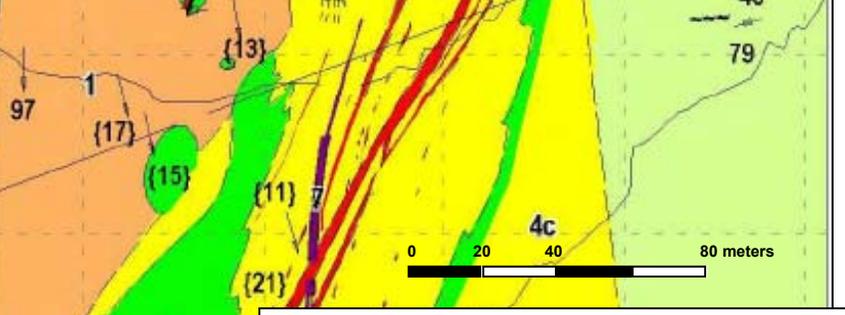


<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
<b>East Limb Sample Locations - Arnex 2005</b>		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 8
<b>E. Harrington, B.Sc, P.Geo.</b>		



**LEGEND**

- 1 Felsic gneiss, local quartz sericite schists
- 2 Mafic gneiss with felsic layers
- 3 Pegmatite
- 4 Felsic Tuff
  - a) Quartz-feldspar sericite gneiss
  - b) Quartz sericite schist
  - c) Pyritic quartz-sericite gneiss
- Projected massive sulphide
- 5 Amphibolite
- 6 Intermediate gneiss
- 7 Diorite gneiss
- \* Gossan



ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC

**Scotia Property**

Albere Zone Geology - Arnex 2005

Scale: As shown	NTS: 1031	Drawn by: EH
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Date: June 2017	QP: E. Harrington	Figure: 9
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*E. Harrington, B.Sc, P.Geo.*

(Birkeland et al 1998)

Three samples carried weakly anomalous Cu values, and three additional samples returned weakly anomalous Zn, Ag and Au values (Figure 8).

**Table 5: Geochemical Data - 2005**

Sample	UTM Location		Type	True Width m	Lithology	Alt.	Mineralization
	Easting	Northing					
128951	456843	5992650	chip	1.0	Rhyolite	Sericite	Limonite
128952	456840	5992648	chip	3.0	Rhyolite	Sericite	Limonite
128953	456841	5992644	chip	1.0	Rhyolite	Sericite	Limonite
128954	456839	5992642	chip	2.1	Rhyolite	Sericite	Limonite, mag
128955	456929	5992621	chip	1.9	Rhyolite	Sericite	Limonite, mag
128956	456827	5992618	chip	1.7	Rhyolite	Sericite	Limonite
128957	456700	5992520	chip		Rhyolite	Sericite	Limonite, py
128958	456690	5992510	select		Rhyolite		
128959	456680	5992500	silt				Limonite

**Table 6: Selected Rock Sampling Results - 2005**

Sample	Analytical Results (ppm)				
	Cu	Pb	Zn	Ag	Au
128951	7	4	116	<3	2
128952	67	12	147	<3	4
128953	31	5	150	<3	6
128954	22	6	208	<3	2
128955	233	5	81	<3	<2
128956	19	<3	43	<3	<2
128957	118	5	133	<3	5
128958	156	4	90	<3	11
128959	28	4	102	<3	3

**Table 7: Drill Core Verification Sampling**

Drill Hole Number	Intersection From (m)	To (m)	Interval	Acme Sample #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
S-33-97	47.40	47.80	0.40	128755	2174	7115	>10000	25.2	104
S-33-97	68.70	69.20	0.50	128756	968	5935	>10000	9.3	129
S-33-97	69.20	69.80	0.60	128757	3649	>10000	>10000	>100	2369
S-33-97	69.80	70.20	0.40	128758	1479	>10000	>10000	32.5	226
S-33-97	70.20	70.80	0.60	128759	771	674	1077	2.4	38
S-33-97	70.80	72.30	1.50	128760	1571	>10000	>10000	43.7	1529
S-33-97	79.40	80.00	0.60	128761	1365	>10000	>10000	40.5	603
S-33-97	85.75	86.05	0.30	128762	1034	>10000	>10000	71.3	119
S-33-97	86.05	86.90	0.85	128763	880	8147	4385	11.3	194
S-33-97	86.90	88.70	1.80	128764	2001	>10000	>10000	63.2	124
S-33-97	88.70	89.10	0.40	128765	1400	>10000	>10000	20.8	206
S-33-97	89.10	90.10	1.00	128766	1078	>10000	>10000	20.1	100
S-36-97	10.00	10.95	0.95	126501	848	719	1920	2.4	31
S-36-97	10.95	12.45	1.50	126502	4895	5806	>10000	24.0	207
S-36-97	13.46	13.96	0.50	126503	732	676	2192	1.5	108
S-36-97	12.45	13.46	1.01	126504	2938	758	>10000	7.1	137
S-36-97	13.96	14.84	0.88	126505	919	421	>10000	2.7	295
S-36-97	14.84	15.55	0.71	126506	223	284	303	0.5	6
S-36-97	15.55	15.87	0.32	126507	645	559	>10000	1.3	52
S-36-97	15.87	16.98	1.11	126508	296	302	585	0.8	29
S-36-97	16.98	18.10	1.12	126509	55	90	119	<.3	48
S-36-97	18.10	18.51	0.41	126510	2359	308	>10000	7.1	144
S-36-97	18.51	20.74	2.23	126511	2194	595	>10000	6.8	97
S-36-97	20.74	21.75	1.01	126512	194	155	335	<.3	9
S-36-97	21.75	22.75	1.00	126513	279	104	314	0.5	8
S-36-97	22.75	24.10	1.35	126514	912	649	>10000	3.1	58
S-36-97	24.10	24.52	0.42	126515	2319	299	>10000	9.1	63
S-36-97	0.00		0.00	126516	3554	2593	>10000	17.5	316
S-36-97	0.00		0.00	126517	2804	2045	>10000	11.5	467
S-36-97	0.00		0.00	126518	1800	449	1310	8.1	262
S-36-97	74.35	75.66	1.31	126519	>10000	4040	>10000	49.3	162
S-36-97	75.66	76.12	0.46	126520	2841	>10000	>10000	33.5	319
S-36-97	80.38	81.12	0.74	126521	692	3305	1746	16.4	457
S-36-97	81.12	81.61	0.49	126522	989	5924	>10000	12.2	120
S-36-97	81.61	82.75	1.14	126523	538	6421	7494	8.0	109
S-36-97	82.75	83.42	0.67	126524	244	4584	476	3.8	53
S-36-97	83.42	84.25	0.83	126525	2065	>10000	3031	20.6	174
S-36-97	84.25	84.84	0.59	126526	2268	1932	5418	9.0	369
S-36-97	84.84	85.91	1.07	126527	2053	>10000	>10000	62.3	1480
S-36-97	85.91	87.00	1.09	126528	293	2738	>10000	9.6	317
S-36-97	87.00	88.00	1.00	126529	529	6515	>10000	10.3	78
S-36-97	88.00	89.00	1.00	126530	672	1218	>10000	2.3	75
S-36-97	89.00	90.05	1.05	126531	2686	4707	>10000	14.9	83
S-37-97	15.57	15.79	0.22	128532	2504	7091	>10000	15.2	209
S-37-97	15.79	16.35	0.56	128533	2707	>10000	>10000	21.0	94
S-37-97	17.00	19.13	2.13	128534	2850	4327	>10000	13.0	111
S-37-97	21.64	22.08	0.44	128535	1512	>10000	>10000	50.2	143
S-37-97	22.08	23.88	1.80	128536	239	6365	2197	7.1	75
S-37-97	23.88	25.94	2.06	128537	612	3111	581	10.4	104

**Table 7 (cont'd): Drill Core Verification Sampling**

Drill Hole Number	Intersection From (m)	To (m)	Interval	Acme Sample #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
S-37-97	25.94	27.70	1.76	128538	1540	> 10000	> 10000	52.8	3985
S-37-97	27.70	29.88	2.18	128539	655	3859	6739	16.1	325
S-37-97	29.88	30.62	0.74	128540	187	777	379	2.4	189
S-37-97	30.62	30.94	0.32	128541	2904	> 10000	> 10000	29.0	230
S-37-97	30.94	32.65	1.71	128542	218	236	536	0.7	37
S-37-97	32.65	32.97	0.32	128543	3718	> 10000	1438	32.8	1190
S-37-97	32.97	33.90	0.93	128544	3670	> 10000	> 10000	19.9	742
S-37-97	33.90	35.70	1.80	128545	4225	962	> 10000	11.9	618
S-37-97	35.70	36.60	0.90	128546	2349	> 10000	> 10000	25.6	503
S-37-97	36.60	37.25	0.65	128547	462	> 10000	> 10000	15.0	130
S-37-97	37.25	38.05	0.80	128548	2744	> 10000	> 10000	23.1	1126
S-37-97	38.05	38.63	0.58	128549	341	934	2039	1.9	59
S-37-97	38.63	40.55	1.92	128550	216	524	4131	0.9	22
S-37-97	40.55	41.45	0.90	128551	4081	> 10000	> 10000	69.9	593
S-37-97	41.45	42.29	0.84	128552	1627	> 10000	> 10000	11.3	62
S-37-97	42.29	43.29	1.00	128553	1096	> 10000	4046	25.9	161
S-37-97	43.29	44.18	0.89	128554	948	> 10000	819	42.2	214
S-34-97	62.20	62.60	0.40	128767	1815	> 10000	> 10000	32.3	69
S-42-97	71.72	73.36	1.64	128768	119	196	2493	0.9	6
S-42-97	91.73	92.45	0.72	128769	129	> 10000	> 10000	20.8	151
S-42-97	92.45	93.30	0.85	128770	466	3832	> 10000	13.0	241
S-42-97	62.45	63.60	1.15	128771	3029	917	553	10.6	82
S-42-97	97.00	98.37	1.37	128772	864	1847	> 10000	6.3	36
S-42-97	98.37	99.05	0.68	128773	564	3041	> 10000	8.5	85
S-42-97	99.05	100.27	1.22	128774	2947	1101	> 10000	11.9	57
S-42-97	103.51	104.30	0.79	128775	929	846	1877	9.2	69
S-39-97	31.90	32.10	0.20	128776	2468	> 10000	> 10000	27.0	822
S-39-97	32.65	33.00	0.35	128777	1348	> 10000	> 10000	26.3	286
S-39-97	46.50	47.50	1.00	128778	2978	3108	> 10000	14.0	145
S-39-97	47.50	49.50	2.00	128779	1285	5302	> 10000	11.6	158
S-39-97	54.70	55.30	0.60	128780	2007	> 10000	> 10000	47.2	1330
S-39-97	55.30	57.10	1.80	128781	770	8022	> 10000	25.5	1307
S-39-97	65.10	65.40	0.30	128782	865	> 10000	> 10000	48.7	657
S-39-97	65.40	65.90	0.50	128783	354	5156	> 10000	13.0	137

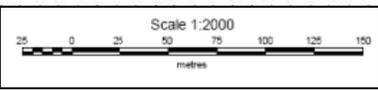
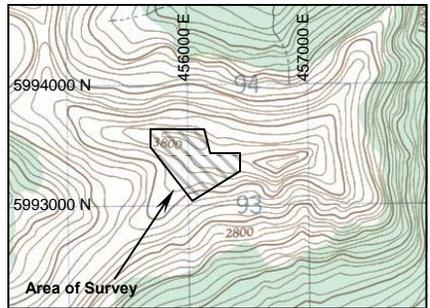
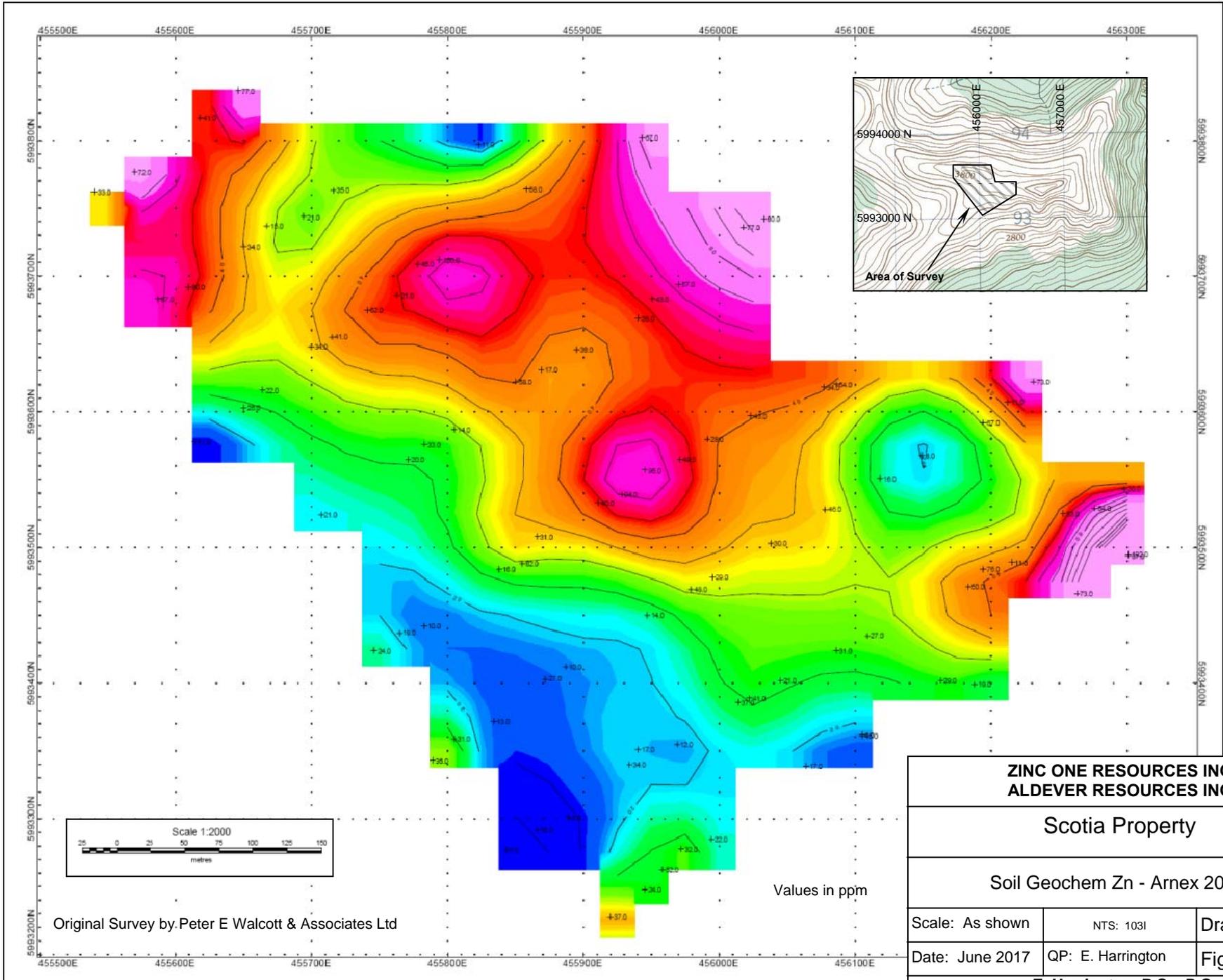
In 2006, a grid based soil geochemical program was conducted on the Scotia Property and a total of 114 soil samples were taken from B-horizon material. Selected analytical results are shown in Table 8 and contoured zinc, lead, and copper values are shown in Figures 10, 11, and 12. The highest zinc values occur at the easternmost end of several lines, probably due to down-slope dispersion from the two spot highs located in the central portion of the grid. The highest zinc value of 192 ppm on the southeastern corner of the grid is coincident with high lead values. The south-central zinc anomaly is coincident with a lead high, while the north-central zinc anomaly is in the same area as a copper high. Geochemical soil anomalies are present beyond and lateral to the drilled portion of the Albere Zone.

Also in 2006, a Remote Sensing Interpretation study was conducted by John Berry Associates.

In 2008, Geo Minerals prepared an Orthophoto mosaic of the Property. Aeroquest conducted a Helicopter-Borne AeroTEM System EM, Magnetic, and Radiometric Survey of the Scotia Property. The total survey coverage was 525.2 line-km. The surveys showed several EM anomalies.

Also in 2008, pulps from the over-limit (>10,000 ppm) samples taken in 2006 were assayed. Table 9 compares selected weighted mineralized intervals from 1997 drilling to corresponding intervals over-limit values from the 2006/2008 pulp analyses.

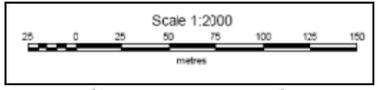
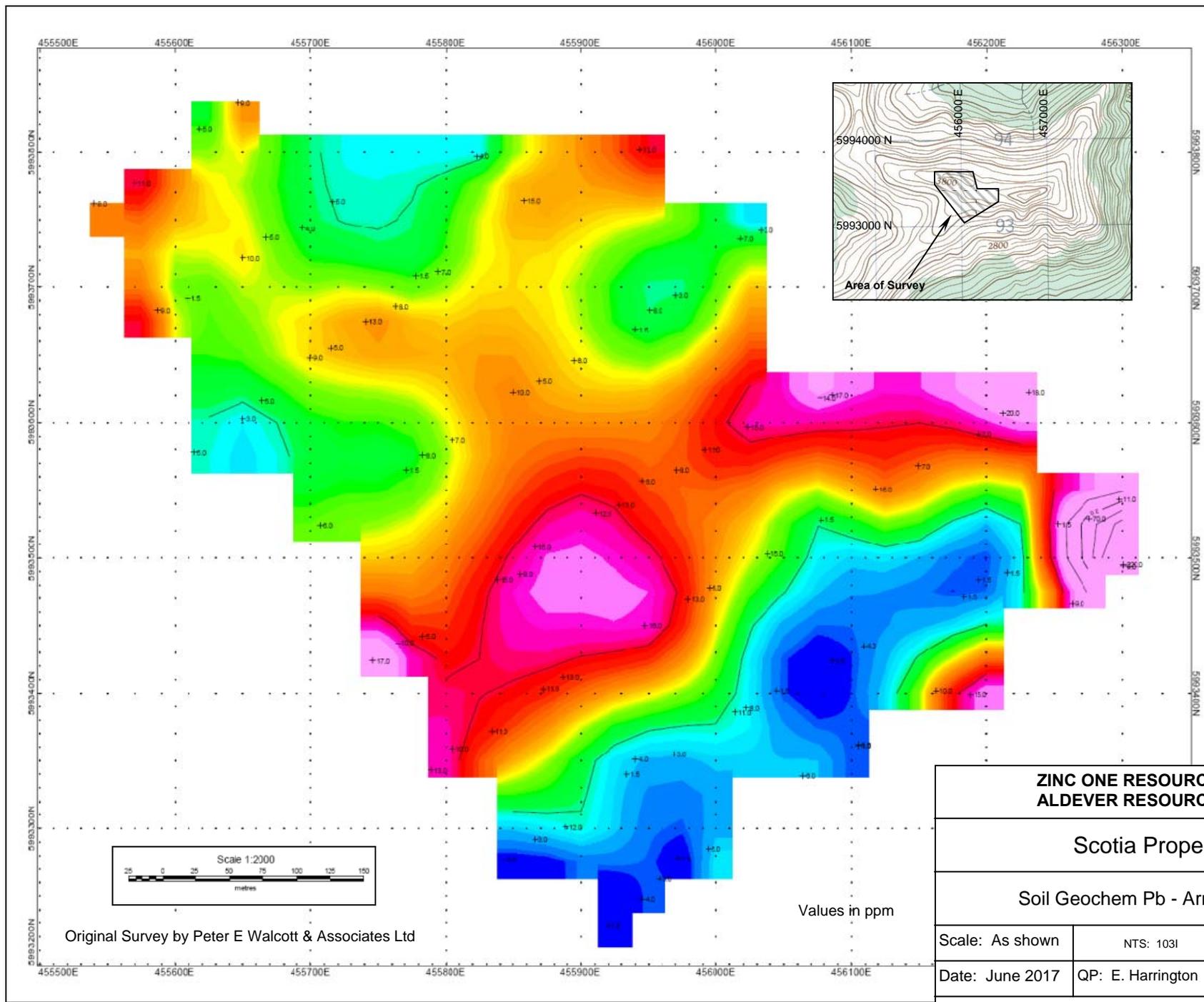
Correlation is generally reliable between the 1997 high-grade intercepts and the 2008 data. Average variations for zinc, copper, and silver for all weighted intercepts is <5%. Variations for lead and gold were moderately higher. It is concluded that the re-sample program verified the 1997 results for the selected intervals sampled and that this data has been verified for purposes of determining a Resource Estimate.



Values in ppm

Original Survey by Peter E Walcott & Associates Ltd

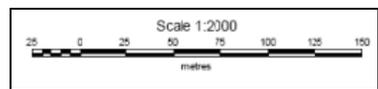
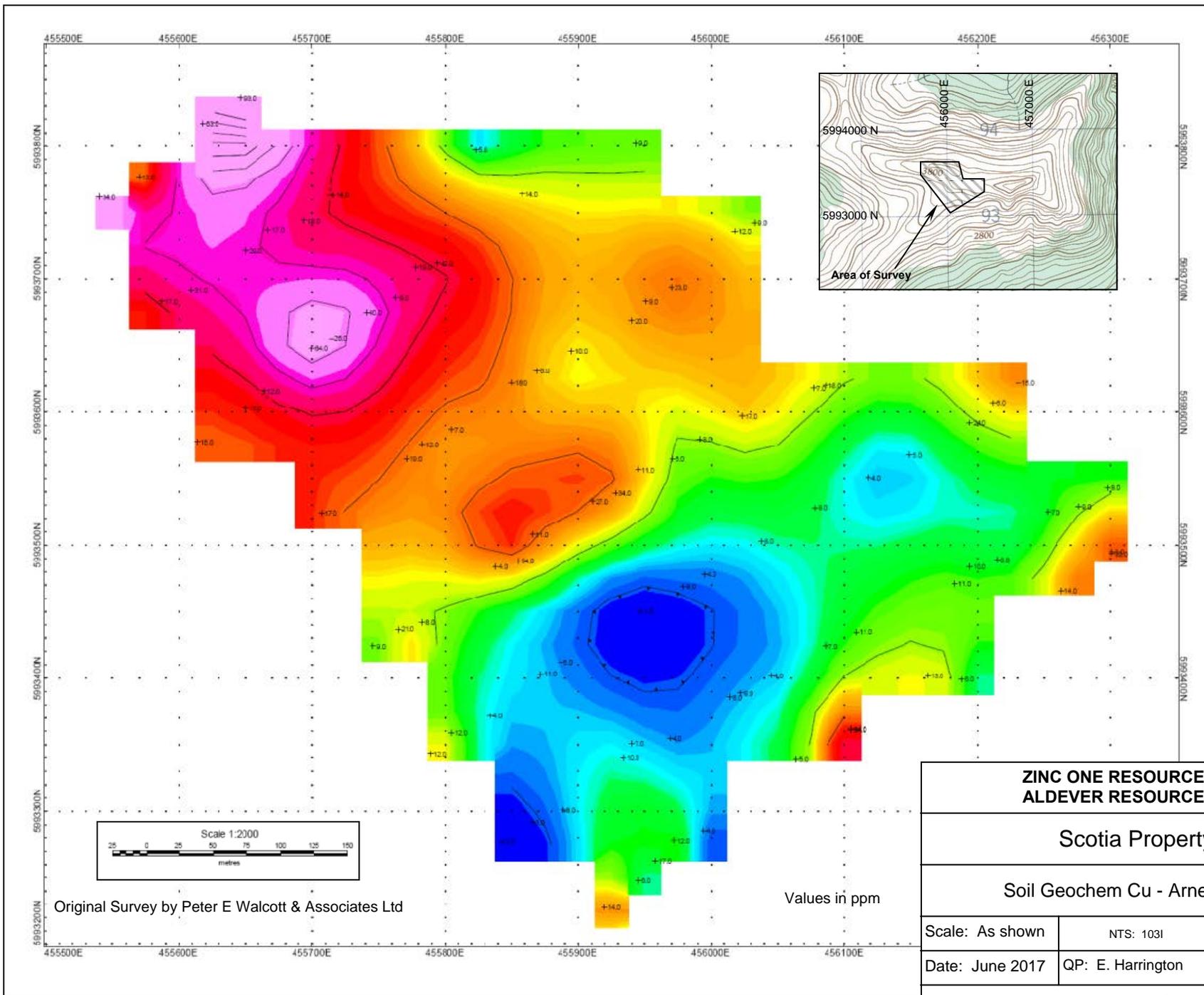
<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
<b>Soil Geochem Zn - Arnex 2006</b>		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 10
<i>E. Harrington, B.Sc, P.Geo.</i>		



Original Survey by Peter E Walcott & Associates Ltd

Values in ppm

<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
<b>Soil Geochem Pb - Arnex 2006</b>		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 11
<b><i>E. Harrington, B.Sc, P.Geo.</i></b>		



Original Survey by Peter E Walcott & Associates Ltd

Values in ppm

<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
Scotia Property		
Soil Geochem Cu - Arnex 2006		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 12
<i>E. Harrington, B.Sc, P.Geo.</i>		

**Table 8: Selected Analytical Results – 2006**

Grid	ELEMENT	North	East	Zn	Ag	Pb	Cu	Au
Station	SAMPLES			ppm	ppm	ppm	ppm	ppb
5+025L15+2N	Line 1 WP 67SS48	455920	5993228	45	0.3	<3	4	<2
5+075	Line 1 WP 68SS49	455945	5993248	37	<3	<3	14	<2
5+100	Line 1 WP 69SS50	455958	5993263	24	<3	4	8	<2
5+125	Line 1 WP 71SS51	455972	5993278	52	<3	3	17	<2
5+150	Line 1 WP 72SS52	455984	5993285	32	<3	<3	12	<2
5+175	Line 1 WP 73SS53	456004	5993339	22	<3	5	4	<2
5+200	Line 1 WP 75SS54	456105	5993362	17	<3	6	5	<2
5+225	Line 1 WP 76SS55	456105	5993361	6	0.5	5	44	8
5+350	Line 1 WP 80SS58	456183	5993402	45	0.7	<3	24	3
5+350	RE Line 1 WP 80SS58			29	0.4	10	13	<2
5+400	Line 1 WP 81SS59	456189	5993399	29	<3	10	13	3
5+425	Line 1 WP 83SS80	456283	5993466	19	<3	15	8	<2
5+450	Line 1 WP 84SS81	456301	5993495	73	<3	9	14	<2
5+475	Line 1 WP 85SS82	456301	5993494	192	0.3	220	8	<2
	Line 1 WP A SS A			87	0.4	9	32	<2
	Line 1 WP B SS B			31	0.3	3	13	<2
	Line 1 WP C SS C			22	<3	<3	8	<2
	Line 1 WP D SS D			21	<3	5	7	<2
	Line 1 WP D SS D			7	<3	<3	3	<2
4+950L15+3N	Line 2 WP 64 SS 1	455843	5993277	5	0.9	3	3	13
4+975	Line 2 WP 65 SS 2	455866	5993292	16	<3	3	3	<2
5+000	Line 2 WP 66 SS 3	455889	5993301	9	<3	12	8	<2
5+050	Line 2 WP 68 SS 4	455934	5993340	34	<3	<3	10	<2
5+075	Line 2 WP 69 SS 5	455940	5993351	17	<3	4	7	7
5+100	Line 2 WP 70 SS 6	455989	5993355	12	0.4	3	4	3
5+150	Line 2 WP 72 SS 7	456014	5993386	37	<3	11	8	<2
5+175	Line 2 WP 73 SS 8	456022	5993389	41	0.3	8	9	<2
5+200	Line 2 WP 74 SS 9	456045	5993402	21	<3	<3	4	3
5+250	Line 2 WP 76 SS 10	456086	5993424	31	<3	<3	7	<2
5+275	Line 2 WP 77 SS 11	456109	5993435	27	<3	4	11	7
5+350	Line 2 WP 80 SS 13	456183	5993471	50	<3	<3	11	2
5+375	Line 2 WP 81 SS 14	456194	5993484	76	<3	<3	10	2
5+400	Line 2 WP 82 SS 15	456215	5993489	11	<3	<3	3	<2
5+450	Line 2 WP 84 SS 16	456253	5993525	33	<3	<3	7	<2
5+475	Line 2 WP 85 SS 17	456276	5993529	64	<3	70	9	<2
4+950	Line 2 WP 84 SS 18	456298	5993543	30	<3	11	8	<2
4+900 L15+5	Line 3 WP 39 SS 1	455789	5993343	36	0.6	13	12	<2
4+925	Line 3 WP 40 SS 2	455805	5993359	31	<3	10	12	<2
4+975	Line 3 WP 41 SS 3	455834	5993372	13	<3	11	4	<2
5+000	Line 3 WP 43 SS 4	455872	5993403	27	<3	11	11	<2
5+025	Line 3 WP 44 SS 5	455887	5993412	10	0.3	13	5	<2
5+100	Line 3 WP 47 SS 7	455947	5993450	14	<3	16	1	<2
5+125	Line 3 WP 48 SS 8	455979	5993469	48	<3	13	9	<2
5+150	Line 3 WP 49 SS 9	455995	5993478	29	<3	5	4	<2
5+200	Line 3 WP 51 SS 10	456038	5993503	30	<3	15	8	<2
5+250	Line 3 WP 53 SS 12	456078	5993528	46	<3	<3	8	<2
5+300	Line 3 WP 55 SS 13	456118	5993551	16	<3	16	4	<2
5+325	Line 3 WP 56 SS 15	456149	5993568	8	<3	7	5	<2
5+350	Line 3 WP 57 SS 15			10	<3	13	7	<2
5+400	Line 3 WP 59 SS 16	456194	5993592	67	<3	7	24	<2
5+425	Line 3 WP 60 SS 17	456212	5993607	11	<3	20	6	<2
	Line 3 WP 61 SS 18	456231	5993622	73	<3	18	15	<2
5+250L15+7	Line 4 WP 34 SS 24	455858	5993764	58	<3	15	14	<2
4+925L15+5	Line 4 WP 40 Hait 1	455746	5993424	24	<3	17	9	<2
4+950	Line 4 WP 41 SS 28	455765	5993437	19	<3	10	21	<2

**Table 8 (cont'd): Selected Analytical Results – 2006**

Grid	ELEMENT	North	East	Zn	Ag	Pb	Cu	Au
Station	SAMPLES			ppm	ppm	ppm	ppm	ppb
5+025L15+2N	Line 1 WP 67SS48	455920	5993228	45	0.3	<3	4	<2
5+075	Line 1 WP 68SS49	455945	5993248	37	<3	<3	14	<2
5+100	Line 1 WP 69SS50	455958	5993263	24	<3	4	8	<2
5+125	Line 1 WP 71SS51	455972	5993278	52	<3	3	17	<2
5+150	Line 1 WP 72SS52	455984	5993285	32	<3	<3	12	<2
5+175	Line 1 WP 73SS53	456004	5993339	22	<3	5	4	<2
5+200	Line 1 WP 75SS54	456105	5993362	17	<3	6	5	<2
5+225	Line 1 WP 76SS55	456105	5993361	6	0.5	5	44	8
5+350	Line 1 WP 80SS58	456183	5993402	45	0.7	<3	24	3
5+350	RE Line 1 WP 80SS58			29	0.4	10	13	<2
5+400	Line 1 WP 81SS59	456189	5993399	29	<3	10	13	3
5+425	Line 1 WP 83SS80	456283	5993466	19	<3	15	8	<2
5+450	Line 1 WP 84SS81	456301	5993495	73	<3	9	14	<2
5+475	Line 1 WP 85SS82	456301	5993494	192	0.3	220	8	<2
	Line 1 WP A SS A			87	0.4	9	32	<2
	Line 1 WP B SS B			31	0.3	3	13	<2
	Line 1 WP C SS C			22	<3	<3	8	<2
	Line 1 WP D SS D			21	<3	5	7	<2
	Line 1 WP D SS D			7	<3	<3	3	<2
4+950L15+3N	Line 2 WP 64 SS 1	455843	5993277	5	0.9	3	3	13
4+975	Line 2 WP 65 SS 2	455886	5993292	16	<3	3	3	<2
5+000	Line 2 WP 66 SS 3	455889	5993301	9	<3	12	8	<2
5+050	Line 2 WP 68 SS 4	455934	5993340	34	<3	<3	10	<2
5+075	Line 2 WP 69 SS 5	455940	5993351	17	<3	4	7	7
5+100	Line 2 WP 70 SS 6	455989	5993355	12	0.4	3	4	3
5+150	Line 2 WP 72 SS 7	456014	5993386	37	<3	11	8	<2
5+175	Line 2 WP 73 SS 8	456022	5993389	41	0.3	8	9	<2
5+200	Line 2 WP 74 SS 9	456045	5993402	21	<3	<3	4	3
5+250	Line 2 WP 76 SS 10	456088	5993424	31	<3	<3	7	<2
5+275	Line 2 WP 77 SS 11	456109	5993435	27	<3	4	11	7
5+350	Line 2 WP 80 SS 13	456183	5993471	50	<3	<3	11	2
5+375	Line 2 WP 81 SS 14	456194	5993484	76	<3	<3	10	2
5+400	Line 2 WP 82 SS 15	456215	5993489	11	<3	<3	3	<2
5+450	Line 2 WP 84 SS 16	456253	5993525	33	<3	<3	7	<2
5+475	Line 2 WP 85 SS 17	456276	5993529	64	<3	70	9	<2
4+950	Line 2 WP 84 SS 18	456298	5993543	30	<3	11	8	<2
4+900 L15+5	Line 3 WP 39 SS 1	455789	5993343	36	0.6	13	12	<2
4+925	Line 3 WP 40 SS 2	455805	5993359	31	<3	10	12	<2
4+975	Line 3 WP 41 SS 3	455834	5993372	13	<3	11	4	<2
5+000	Line 3 WP 43 SS 4	455872	5993403	27	<3	11	11	<2
5+025	Line 3 WP 44 SS 5	455887	5993412	10	0.3	13	5	<2
5+100	Line 3 WP 47 SS 7	455947	5993450	14	<3	16	1	<2
5+125	Line 3 WP 48 SS 8	455979	5993469	48	<3	13	9	<2
5+150	Line 3 WP 49 SS 9	455995	5993478	29	<3	5	4	<2
5+200	Line 3 WP 51 SS 10	456038	5993503	30	<3	15	8	<2
5+250	Line 3 WP 53 SS 12	456078	5993528	46	<3	<3	8	<2
5+300	Line 3 WP 55 SS 13	456118	5993551	16	<3	16	4	<2
5+325	Line 3 WP 56 SS 15	456149	5993568	8	<3	7	5	<2
5+350	Line 3 WP 57 SS 15			10	<3	13	7	<2
5+400	Line 3 WP 59 SS 16	456194	5993592	67	<3	7	24	<2
5+425	Line 3 WP 60 SS 17	456212	5993607	11	<3	20	6	<2
	Line 3 WP 61 SS 18	456231	5993622	73	<3	18	15	<2
5+250L15+7	Line 4 WP 34 SS 24	455858	5993764	58	<3	15	14	<2
4+925L15+5	Line 4 WP 40 Hait 1	455746	5993424	24	<3	17	9	<2
4+950	Line 4 WP 41 SS 28	455765	5993437	19	<3	10	21	<2

**Table 9: Comparison Summary – Drill Core Re-Sampling**

Hole	From	To	Interval Metres	Sample #	Zn %	Pb %	Cu %	Ag g/t	Au ppb	Zn %	Pb %	Cu %	Ag g/t	Au ppb	
	Metres	Metres			1997	1997	1997	1997	1997	1997	2008	2008	2008	2008	2008
S-33-97	47.4	47.8	0.4	301014	6.78	0.9	0.13	26	120	6.84	0.67	0.2	22	104	
	68.7	72.3	3.6		22.54	2.28	0.18	47	1206	23.1	2.31	0.15	42.5	1081	
	79.4	80	0.6		301034	4.81	1.37	0.13	42	745	4.13	1.76	0.12	37	603
	85.75	90.1	4.35			15.6	2.5	0.16	39.2	236	14.65	2.96	0.14	38.6	139
S-34-97	62.2	62.6	0.4	301056	18.7	1.93	0.19	47	90	17.25	1.19	0.18	33	69	
S-36-97	10.95	24.52	13.57		4.97	0.08	0.19	6.6	72	3.9	0.09	0.15	6.2	90	
	74.35	76.12	1.77		11.93	0.39	0.79	35.6	185	8.09	0.84	0.75	37	203	
	81.12	90.05	8.93		7.18	0.79	0.1	18.4	288	7.38	0.59	0.11	16.1	308	
S-37-97	15.57	16.35	0.78		3.61	0.85	0.25	17.3	115	4.17	0.93	0.25	16.9	126	
	17	19.13	2.13	301156	1.88	0.36	0.27	11	90	1.52	0.43	0.27	10	111	
	21.64	43.29	21.65		10.64	1.35	0.15	22.2	276	10.16	1.14	0.14	17.7	595	
S-39-97	31.9	32.1	0.2	301074	5.9	1.06	0.23	26	425	7.49	1.11	0.26	26	822	
	32.65	33	0.35	301076	4.9	1.6	0.14	27	250	6.28	1.4	0.13	25	286	
	46.5	49.5	3		16.49	0.42	0.21	14.5	187	16.54	0.43	0.23	14	154	
	55.3	57.1	1.8	301087	3.6	0.77	0.07	25.4	550	2.79	0.79	0.08	26	1307	
	65.1	65.9	0.8		6.78	2	0.05	24.9	89	6.05	2.14	0.05	27	303	
S-42-97	91.73	93.3	1.57		5.71	0.44	0.03	10.9	142	7.54	0.71	0.03	15.7	200	
	97	100.27	3.27		4.99	0.18	0.19	11.3	69	3.43	0.18	0.16	9.2	54	
	102.9	103.51	0.61	301252	0.35	0.13	0.12	9	70	0.18	0.09	0.09	7	69	

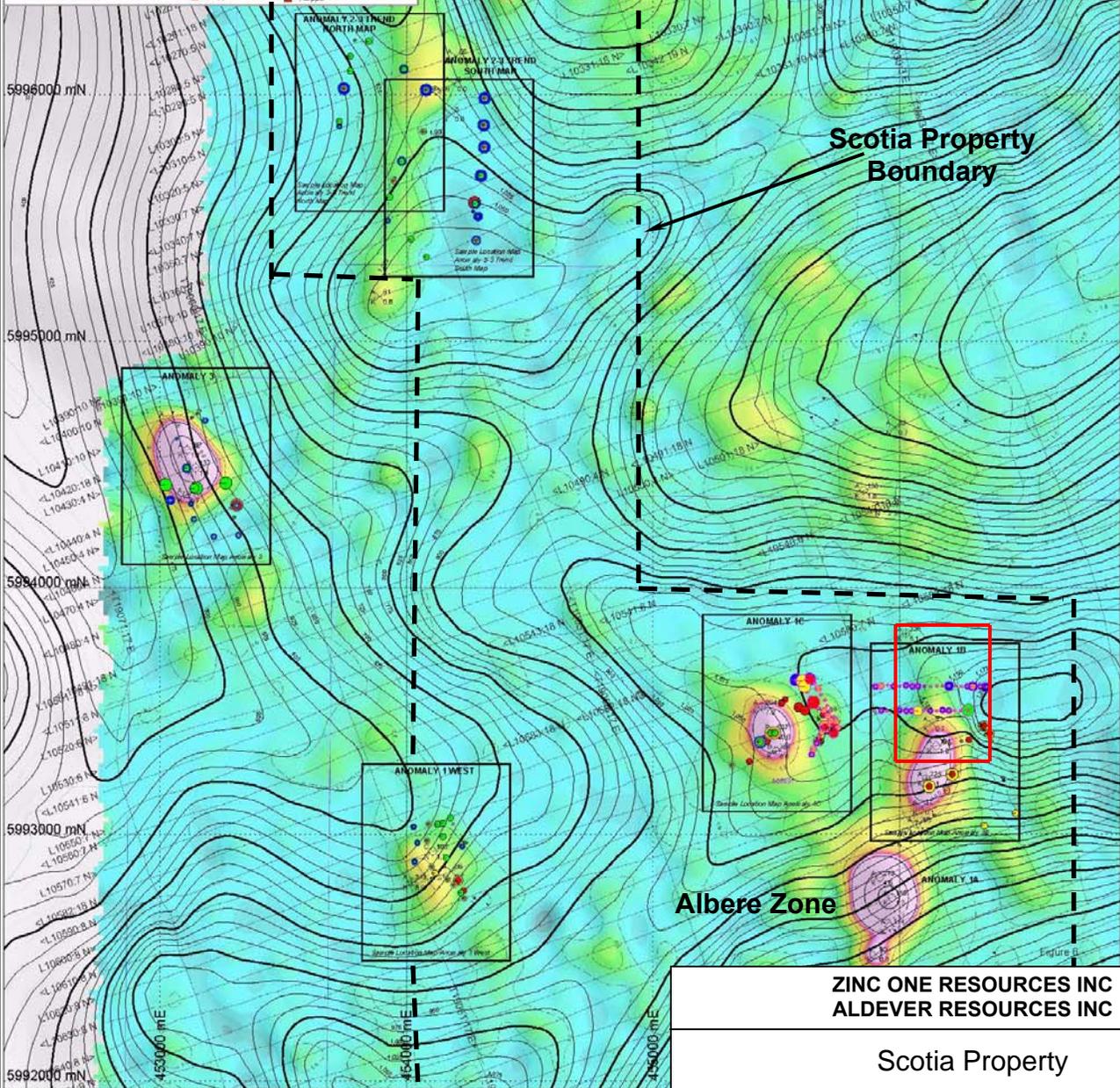
Note: From "Technical Report Update (2015) on the Scotia Property" by P.D.Gray and Giroux Consulting Ltd.

In 2009, Geo Minerals carried out geochemical rock sampling and soil sampling surveys. Twelve rock samples were taken in the East Limb Zone, and twenty-five soil samples were taken at lower elevations. One rock chip sample returned 255 ppm zinc, and one soil sample returned 191 ppm zinc. The program identified a previously unsampled zone of weakly anomalous sulfide mineralization covering an area of approximately 100 x 30 meters.

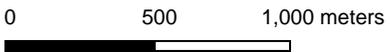
In 2010, Amex conducted prospecting and a geochemical sampling survey to test selected anomalies identified by the 2008 Aeroquest airborne survey (Figure 13). A total of 64 rock chip, 136 moss mat (active stream sediments) and 67 soil samples were taken. A rock sample taken from the Albere Zone returned 1,045 ppm Zn. All anomalies sampled returned anomalous base and/or precious metal values for various soil, moss mat, and rock chip samples. Additional geochemical sampling was recommended to locate high-grade mineralized showings that may be associated with the anomalies identified in the airborne survey.

**Symbology Legend**

Moss Mat Assays - Zinc 160 90 16	Soil Assays - Zinc 200 100 20	Rock Assays - Zinc 1100 550 110
Zn ppm	Zn ppm	Zn ppm
Moss Mat Assays - Lead 12.5 7.5 3.1	Soil Assays - Lead 150 75 15	Rock Assays - Lead 75 12.5 3.1
Pb ppm	Pb ppm	Pb ppm
Moss Mat Assays - Copper 120 60 12	Soil Assays - Copper 150 75 15	Rock Assays - Copper 960 480 96
Cu ppm	Cu ppm	Cu ppm
Moss Mat Assays - Silver 1.5 0.75 0.15	Soil Assays - Silver 0.6 0.3 0.06	Rock Assays - Silver 1.1 0.55 0.11
Ag ppm	Ag ppm	Ag ppm
Moss Mat Assays - Gold 36 18 3.6	Soil Assays - Gold 12 6 1.2	Rock Assays - Gold 12 6 1.2
Au ppb	Au ppb	Au ppb



Note: Aeroquest base map shows conductive anomalies



(After Birkeland 2010)

<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
Aeroquest Airborne Geophysical Survey - 2008 Moss Mat, Soil, and Rock Sampling - 2009		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 13
<b>E. Harrington, B.Sc, P.Geo.</b>		

## **7.0 GEOLOGICAL SETTING and MINERALIZATION**

### **7.1 Regional Geology and Structure**

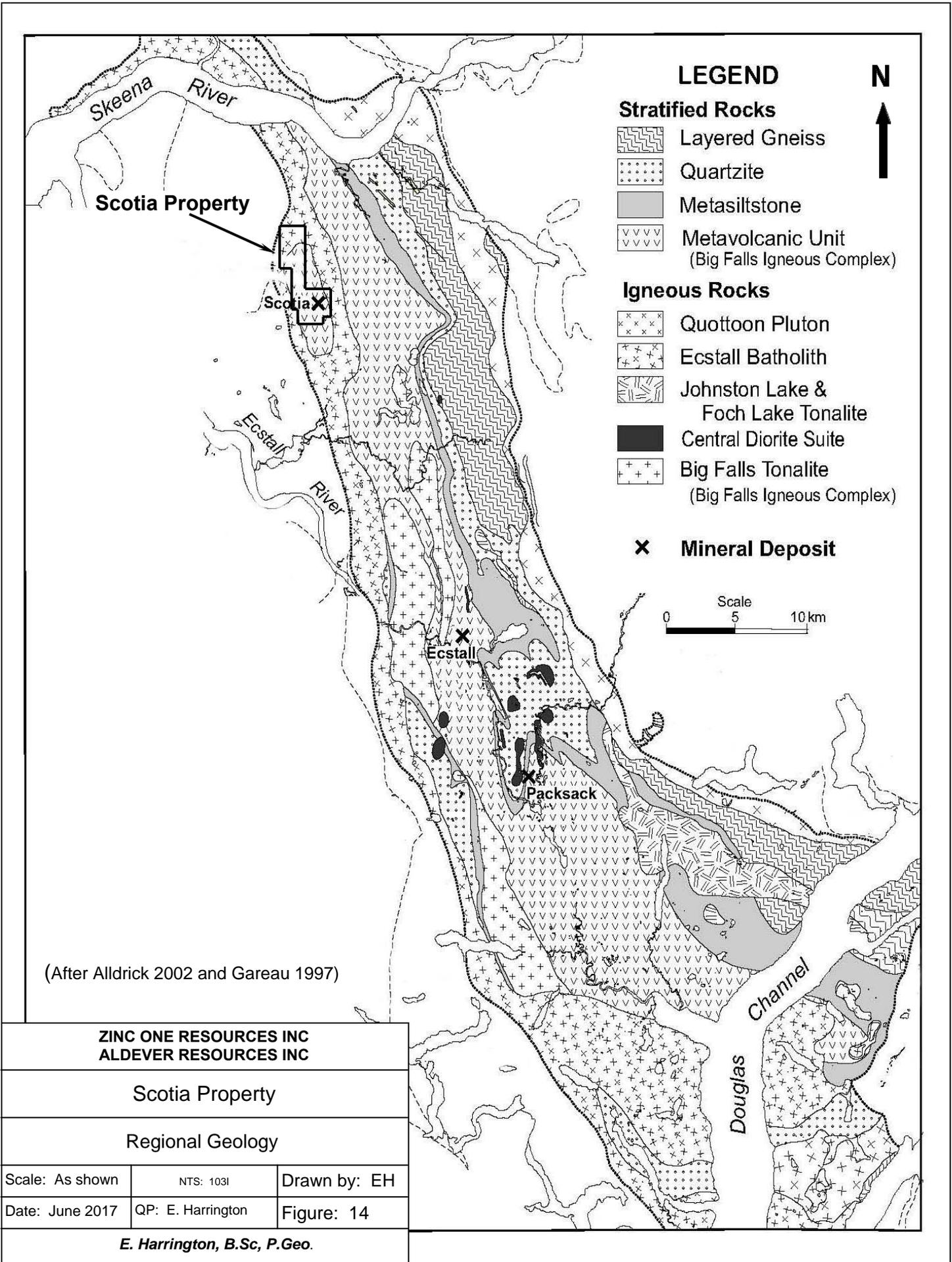
Most of the Prince Rupert-Skeena area is underlain by plutonic and metamorphic rocks of the Coast Plutonic Complex (Hutchinson, 1982). Plutonic rocks consist of major plutons and smaller irregular bodies, mostly quartz diorite and granodiorite. Diorite and quartz monzonite are less common, and gabbro and granite are rare. Most of the plutonic rocks are probably Mesozoic in age. (Birkeland et al 2011).

A north-northwest-trending belt of metavolcanic and metasedimentary rocks known as the Scotia-Quaal metamorphic complex occurs in the area between the Skeena River and Douglas Channel. Both metavolcanic and metasedimentary rocks are present. Map units represent lithologic-metamorphic packages that contain strata of various ages. Because of the strong metamorphic overprint and lack of fossils, the age of these strata is uncertain, but radiometric dating places them at pre-Early Jurassic age.

With the exception of a small wedge of metasedimentary rocks at the western margin of the belt, the units from west to east, as shown in Figure 14 (Alldrick 2002 and Gareau 1997) are:

- The Big Falls orthogneiss, in the south only;
- a metavolcanic unit;
- a metasedimentary clastic unit;
- a quartzite unit; and
- a layered gneiss unit.

Areas of economic interest are the metavolcanic unit hosting the Scotia and several other VMS-type deposits north and south of the Ecstall River, and the metasedimentary unit, particularly near its contact with the metavolcanic unit.



ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC

Scotia Property

Regional Geology

Scale: As shown	NTS: 1031	Drawn by: EH
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Date: June 2017	QP: E. Harrington	Figure: 14
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E. Harrington, B.Sc, P.Geo.

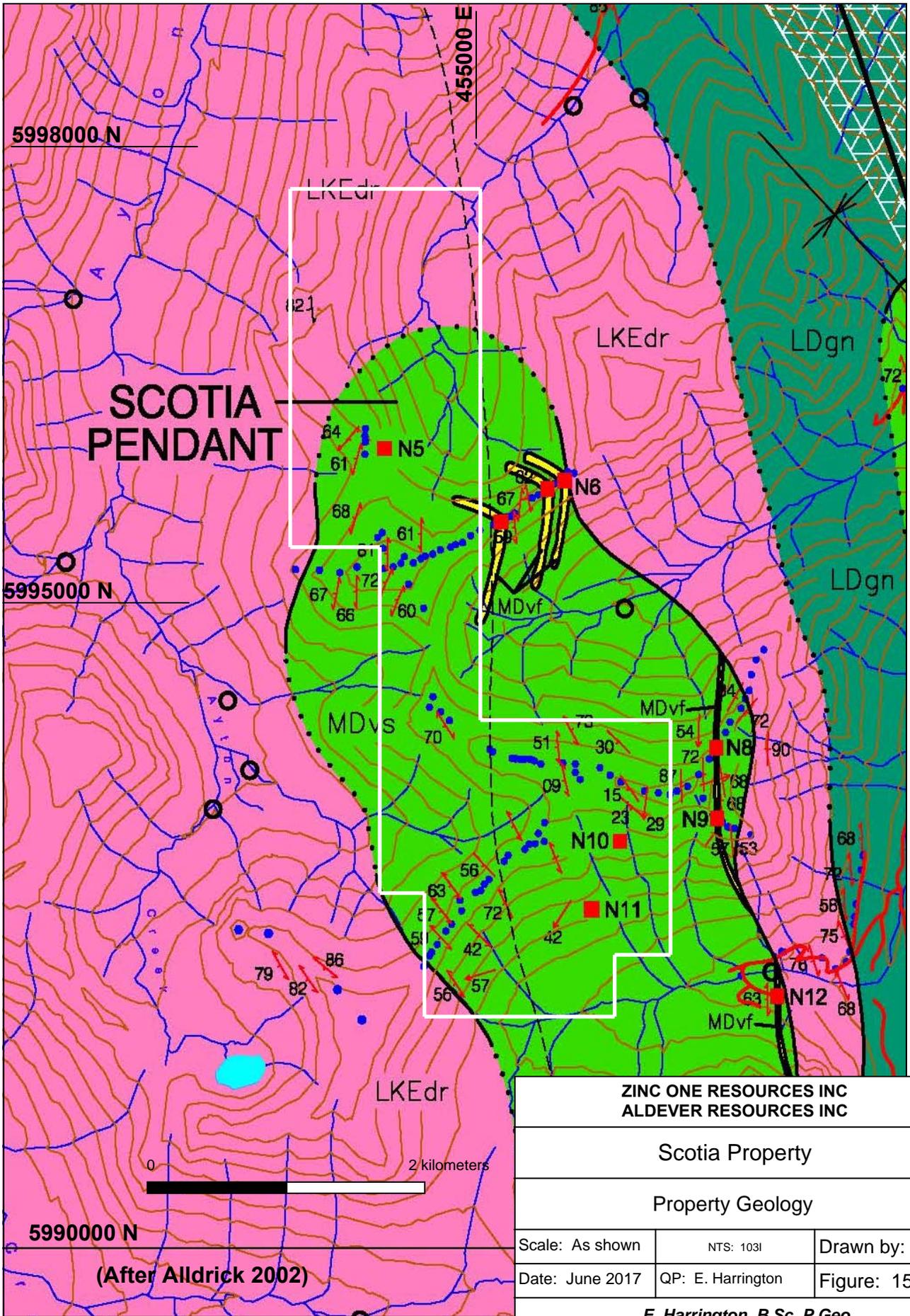
The region has undergone three phases of deformation. Metamorphism is variable, from low- to high-grade and generally increases in grade from west to east. The major structural trend in the area is northwest.

The Ecstall Pluton, bordering the Scotia-Quaal metamorphic belt to the west, is Cretaceous in age, while the Quottoon Pluton to the east is Late Paleocene to Early Eocene in age (Gareau, 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).

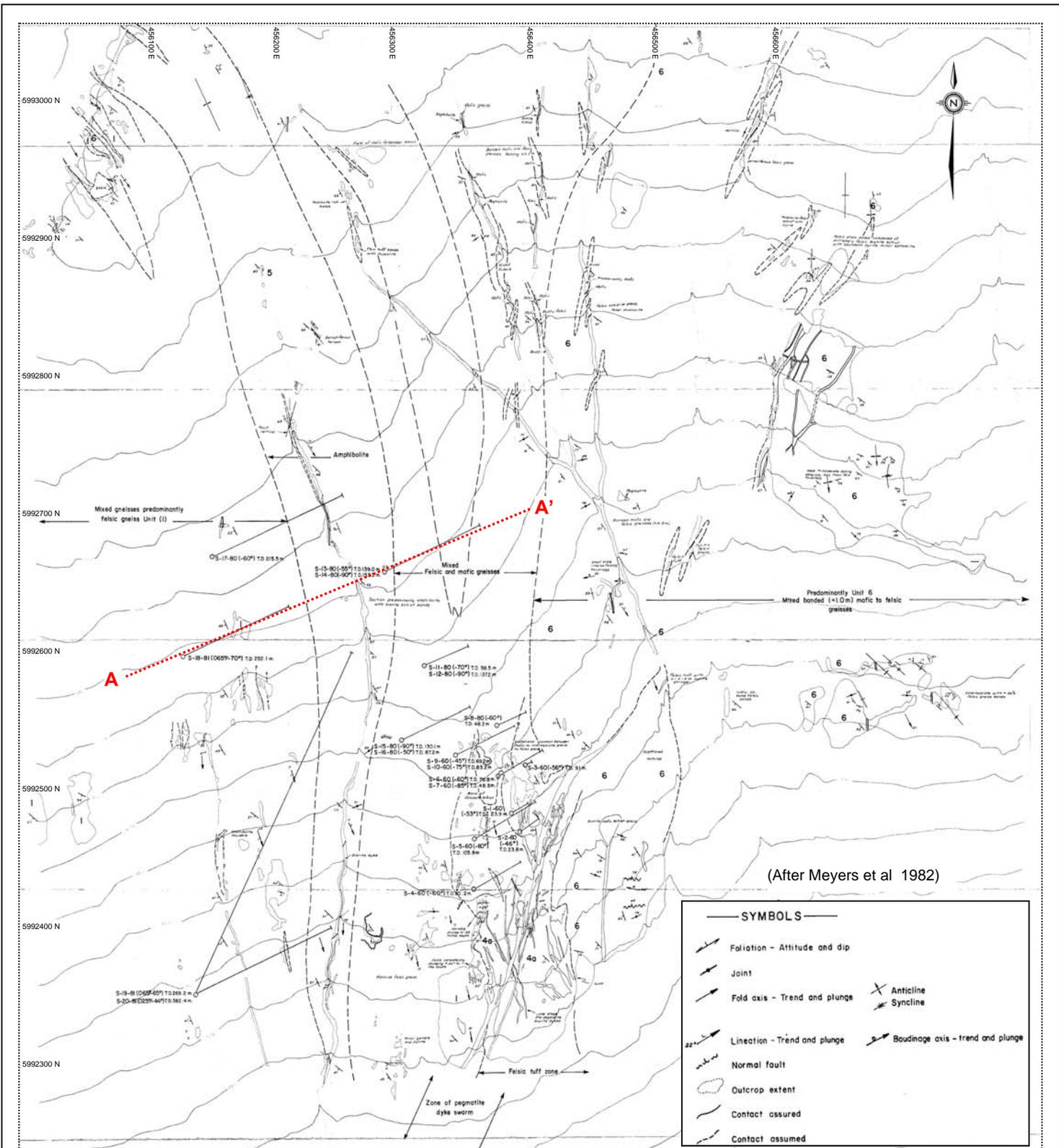
## **7.2 Property Geology**

Scotia Property lithologies belong to the Devonian metavolcanic unit that has been intruded by the Cretaceous Ecstall granite north of the Property, and by several stages of dioritic to pegmatitic dikes of late Cretaceous to Eocene age (Figures 15 and 16). The metavolcanic rocks are part of a bimodal suite of tholeiitic basalt and andesite, and calc-alkalic dacite to rhyolite (Manojlovic, et. al. 1987), possibly of Island Arc affinity.

The Scotia massive sulfide deposit lies within the Scotia pendant, a 3.5 kilometer by 7.5 kilometer roof pendant of metavolcanics and metasediments within the Ecstall batholith. The roof pendant is separated from the Ecstall Greenstone Belt by a 1.0 to 1.5 kilometer wide band of medium to coarse-grained Ecstall diorite, but the Scotia pendant is likely composed entirely of the same mid-Devonian metavolcanic unit that forms the basal metavolcanic sequence of the Ecstall belt. The location of the Scotia deposit within a roof pendant of the Ecstall batholith has isolated the sulfide deposit and its host strata from the early to mid-Cretaceous and Paleogene deformation that affected rocks throughout the main part of the Ecstall belt. Consequently the deposit has a form and attitude unlike any other sulfide occurrence in the region (Alldrick 2002).



<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
Scotia Property		
Property Geology		
Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 15
<i>E. Harrington, B.Sc, P.Geo.</i>		



(After Meyers et al 1982)

SYMBOLS	
	Foliation - Attitude and dip
	Joint
	Fold axis - Trend and plunge
	Anticline
	Syncline
	Lineation - Trend and plunge
	Boudinage axis - trend and plunge
	Normal fault
	Outcrop extent
	Contact assured
	Contact assumed

LITHOLOGIES	
<b>1</b>	Felsic gneiss
<b>2</b>	Mafic gneiss (a) Hornblende gneiss (b) Biotite gneiss - schist
<b>3</b>	Pegmatite
<b>4</b>	Felsic tuff (a) Qtz-feldspar-sericite gneiss (b) Qtz-sericite schist (c) Pyritic bands
<b>5</b>	Amphibolite
<b>6</b>	Mixed or intermediate gneiss
<b>7</b>	Diorite
<b>8</b>	Massive sphalerite

**ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC**

**Scotia Property**

**Property Geology - Detail**

Scale: As shown	NTS: 1031	Drawn by: EH
Date: August 2017	QP: E. Harrington	Figure: 16

**E. Harrington, B.Sc, P.Geo.**

Volcanic rocks have been subjected to upper amphibolite grade metamorphism that slightly post-date the second of two stages of intense isoclinal folding (Gareau, 1991a, b; Krage, 1984). Metamorphic grade increases to the north and east and is a reflection of increasing levels of uplift and erosion in those directions (Gareau 1991a, b). At least one megascopic antiform-synform pair has been mapped on the Property (Eldridge, 1983). A third stage of folding appears to be post-metamorphic and is characterized by broad "warps" of all pre-intrusion lithologies and is thought to be temporally associated with the intrusion of the Ecstall intrusive rocks (Eldridge, 1983).

On the Scotia Property, volcanic lithologies have been deformed and recrystallized. Units now termed amphibolite are characterized by a melanocratic, gneissic to sub-gneissic hornblende-rich rock. The amphibolite can occur as massive, >20 meters to < 2 cm thick units. The outlines of stretched lapilli-sized fragments are commonly seen in outcrop due to differential weathering. Other mafic metavolcanic rocks are usually black, biotite-rich gneisses and schists. Hornblende and biotite do occur together locally. Intermediate metavolcanic rocks contain 10% to 30% mafic minerals, usually biotite. (Birkeland et al 2011). These mafic and intermediate rocks are generally weakly- to non-magnetic. A unit called interbanded gneiss is characterized by light colored felsic material layered with darker colored mafic, intermediate, and amphibolite units. These bands range from 3 to over 10 meters in thickness. The felsic bands are usually moderately magnetic.

Felsic metavolcanic rocks are dominantly feldspar-rich, gneissic, and less commonly schistose rocks with up to 10% biotite, and rare hornblende. Quartz is a rare constituent. Other felsic rocks are found only within and near the Albere zone mineralization. Felsic rocks include chert, chert breccia, exhalite (stratiform beds or lenses of rock that are spatially associated with VMS deposits), and quartz porphyry schist.

These highly siliceous rocks display very well-preserved textures suggesting both replacement and primary silica deposition, presumably of hydrothermal origin. These units are almost always present in close proximity to sulfide mineralization.

There are several other rock units that are spatially associated with sulfide mineralization. These other rock units include brown biotite gneiss and schist, felsic brown biotite gneiss and schist, felsic sericite gneiss and schist, felsic muscovite gneiss and schist, and massive sericite to muscovite gneiss and schist. These rocks are located either with, or to the west, of the sulfide mineralization, and may represent hydrothermally altered equivalents of the gneissic and schistose units.

Units containing brown biotite usually occur between unaltered and sulfide-bearing or muscovite-sericite altered units suggesting that brown biotite, sericite, and muscovite represent increasingly altered equivalents of unaltered hornblende and black biotite-bearing rocks. This appears to be particularly evident for the more mafic units.

Several episodes of mafic, felsic, and pegmatitic dike formation have occurred. These dikes appear to be of late deformation age to very late and undeformed. Pegmatite dikes also occur throughout the property. Dikes are quite variable in composition. An unusual white, garnet-bearing plagioclase-rich type is compositionally similar to felsic gneisses and may be a partial melt of felsic units. Other leucocratic, plagioclase-rich pegmatite dikes appear to be confined to hinge zones of folds.

### **7.3 Mineralization**

The Albere Zone, located in the southeast portion of the Property, is characterized by interwoven pods, lenses, and stringers of coarsely crystalline massive to semi-massive, very dark brown sphalerite, with lesser amounts of pyrite, galena, pyrrhotite, magnetite, and chalcopyrite.

The main Albere showing has some of the thickest mineralization on the Property, and outcrops with a pod-like core of massive mineralization almost 10 meters in diameter, with bands, pods, and stringers striking up-dip to the east and down dip 20° to 30° west. Drilling shows that pod-like mineralized core strikes at 340° and plunges south-southwest at 8°.

Zinc, silver, lead, and gold mineralization occurs within the Upper, Middle, and Lower zones, and extends for approximately 205 meters along strike. The mineralized zones are interpreted to lie within an overturned fold with related drag folding caused by shearing. Sulfide minerals include sphalerite, galena, pyrite, pyrrhotite, bornite, and chalcopyrite. Massive sulfide widths range up to 11 meters as indicated by diamond drilling, and a 9.02 meter intersection assayed 20.55% zinc, 2.70% lead, 41.5 g/t silver, and 0.58 g/t gold (Hilker 1985). Mineralization occurring on the Scotia Property includes:

- Zinc - occurs in massive to semi-massive sphalerite-rich zones commonly containing iron, manganese, and cadmium;
- Lead - occurs as coarse or fine granular crystals of galena. Galena is associated with pyrite, pyrrhotite, and bornite, and often contains silver and occasionally cadmium. Galena is usually not present with massive sphalerite and only occasionally in minor quantities with semi-massive sphalerite;
- Copper - occurs as bornite and chalcopyrite. Bornite occurs only in scattered portions of the core. Chalcopyrite occurs with pyrite, pyrrhotite, galena, and occasionally silver and gold;
- Pyrite - occurs as disseminations and bands in gneisses and schists, and can comprise up to 20% of the rock. Pyrite is associated with galena, pyrrhotite, bornite, and chalcopyrite;
- Pyrrhotite (magnetic pyrite) - occurs in minor quantities with pyrite, galena, chalcopyrite, and bornite in fringe zones around massive sphalerite; and
- Cadmium - occurs with semi-massive to massive sphalerite that contains 20% to 30% zinc.

The up-dip extensions of the Upper, Middle, and Lower zones pinch out completely, or occur as thin but high grade sphalerite sheets up to 30 cm thick that decrease in size and intensity to the east. These extensions often occur at the sharp, abrupt contact between black biotite schist-gneiss and felsic gneiss. The down-dip extensions to the west usually grade into increasingly iron sulfide-rich disseminated mineralization associated with sericite- and muscovite-rich rocks.

Low grade zinc mineralization has been intersected over 100 meters down-dip, and shows greater associated pyrite and pyrrhotite mineralization. The stronger pyrite and pyrrhotite mineralization suggests that the iron sulfide-rich zone may be a down-dip feeder zone. This iron sulfide-rich zone outcrops southwest of the sphalerite outcrop as bright red, rusty rocks. (Birkeland et al 2011).

The mineralized zone is essentially open to the north and west. The repetitive nature of mineralization may be due to:

- Isoclinal folding, where mineralization may represent one previously extensive sphalerite lens that has been repeatedly folded and migmatized; or
- Alternatively, undulating mineralized zones may represent massive sulfide layers that are discrete from each other, instead of a single vein that has been repeated by folding.

An Inferred Mineral Resource estimate of 632,000 tonnes grading 7.6% zinc, 0.74% lead, 0.11% copper, 19.75 g/t silver, and 0.28 g/t gold (at a NSR US\$75 cut-off) is presented in Section 14 Mineral Resource Estimates.

## **8.0 DEPOSIT TYPE**

The exploration target on the Scotia Property is a volcanogenic massive sulfide (“VMS”) Kuroko-type zinc-copper-lead deposit. Kuroko-type deposits comprise polymetallic volcanogenic massive sulfides that occur in one or more lenses of massive pyrite, sphalerite, galena, and chalcopyrite, commonly within felsic volcanic rocks in a calc-alkaline bimodal arc succession. The lenses may be zoned, with a Cu-rich base and a Pb-Zn-rich top. Low-grade stockwork zones commonly underlie lenses, and barite or chert layers may overlie them (Hoy 1995).

Depositional environment is generally related to marine volcanism, commonly occurring during a period of more felsic volcanism in an andesite (or basalt) dominated succession. Deposits can be of any age, but in British Columbia deposits are typically Devonian; and less commonly Permian-Mississippian, Late Triassic, Early (and Middle) Jurassic, and Cretaceous.

Host rocks include submarine volcanic arc rocks such as rhyolite and dacite associated with andesite or basalt. Less commonly, deposits are hosted in mafic alkaline arc successions with associated epiclastic deposits and minor shale or sandstone, and commonly in close proximity to felsic intrusive rocks. Mineralized horizons can grade laterally and vertically into thin chert or sediment layers called exhalite.

Deposits form sub parallel massive to banded sulfide lens that are typically meters to tens of meters thick and tens to hundreds of meters in horizontal dimension. Occasionally there can be peripheral aprons of clastic massive sulfides, with underlying crosscutting “stringer” zones of intense alteration and stockwork veining. Alteration is commonly zoned from the core with quartz, sericite or chlorite to an outer zone of clay minerals, albite, and carbonate (siderite or ankerite).

Average deposit size is 1.5 Mt containing 1.3% copper, 1.9% lead, 2.0% zinc, 0.16 g/t gold, and 13 g/t silver. British Columbia deposits are major producers and range from less than 2 Mt to more than 10 Mt.

## **9.0 EXPLORATION**

Work programs carried out on the Scotia Property after the last technical report dated 26 October 2011 (Birkeland et al 2011) are outlined in this section.

### **9.1 2012 Work Program**

In 2012, GeoNovus conducted a Terrain Analysis program on the Scotia Property. The 2012 Scotia program was designed to provide a surficial terrain assessment and mapping aid in defining site-specific approaches for soil and stream sediment sampling. Twenty-two soil samples were collected during the 2012 program, but were not analyzed until 2015.

### **9.2 2014 Work Program**

GeoNovus completed a prospecting and geochemical sampling program totaling 21 soil samples and 4 rock samples. Only two of the rock samples taken in the eastern portion of the Scotia property returned weakly anomalous copper values:

- Sample 1633901 returned 255.3 ppm Cu (15 ppm Zn and 0.5 ppm Ag); and
- Sample 1633902 returned 177.5 ppm Cu (13 ppm Zn and <0.1 ppm Ag).

One sample, 633902, returned 162 ppm Zn (47.4 ppm Cu and 0.2 ppm Ag). A total of 21 soil samples were taken over the eastern portion of the property. Results were inconclusive, with only scattered weakly anomalous values with zinc values ranging from 0 to 24 ppm, copper from 2.0 to 13.8 ppm, and lead from 1.0 to 13.4 ppm.

Due to poor survey results, the area covered by the 2014 work program was allowed to lapse, and is no longer part of the current Scotia Property.

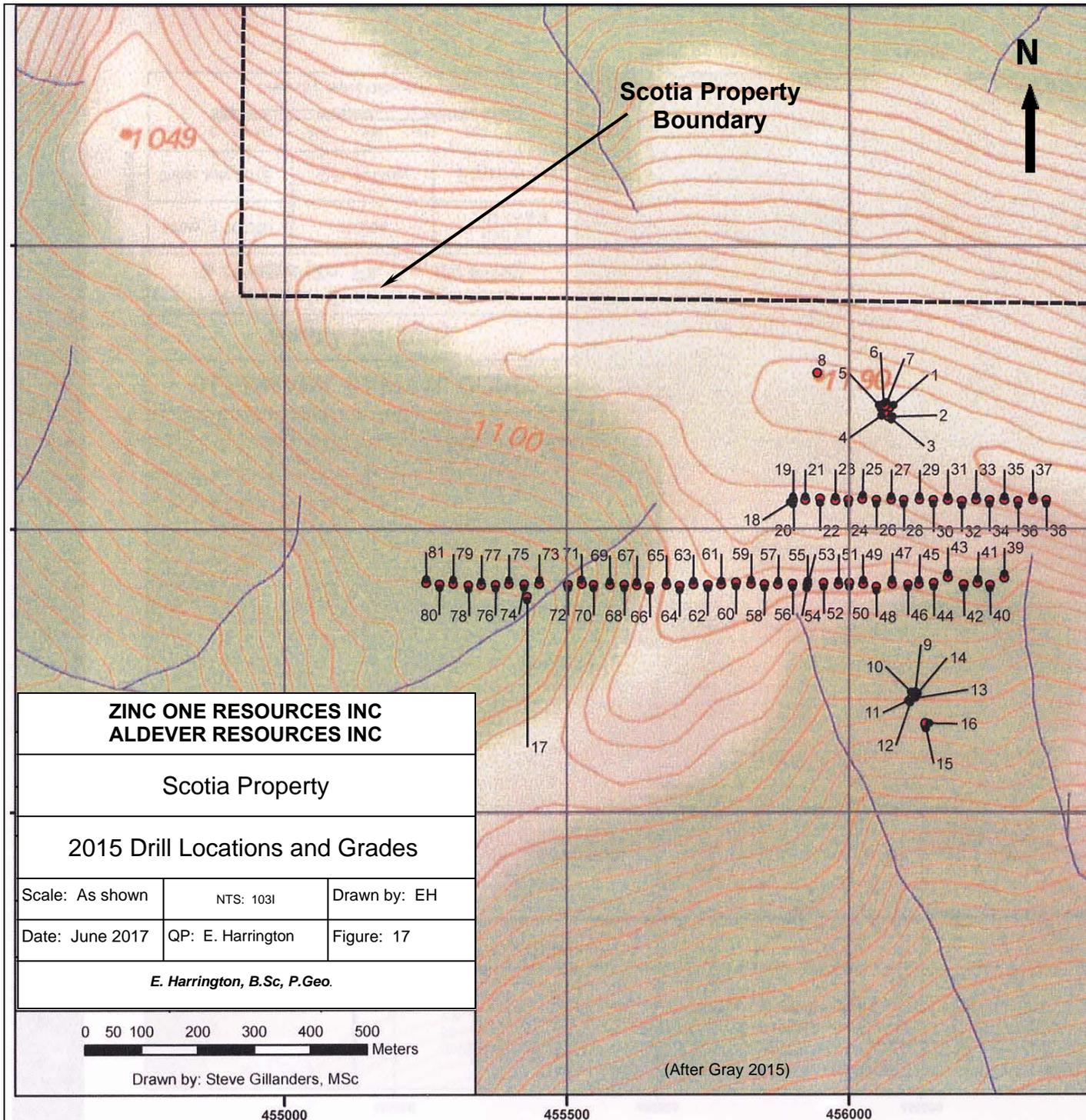
### **9.3 2015 Work Program**

In 2015, Glenmark Capital Corp carried out a work program on the Property consisting of prospecting and a short-hole pack-sack drilling program. In conjunction with the field work, twenty-two soil samples taken in 2012, but never analyzed, were submitted for analysis (Figures 17, 18, and 19). In total, 111 rock samples from both drill core and outcrop were collected.

Drilling intercepted anomalous zinc, lead, and copper within the final drill hole of the program. Hole SCI 5-014 returned an interval of 0.25% zinc, 10 ppm lead, and 300 ppm copper over the entire length of the 5.05 meter drill hole, and included a single 0.19 meter interval of 1.88% zinc, 54 ppm lead, and 1,262 ppm copper. Drill hole SCI5-14 targeted disseminated to massive sulfides (pyrite, sphalerite, chalcopyrite, and galena) mapped in exposed bedrock within the anomaly IB identified in 2008.

The area of anomalous mineralization had previously been identified in 2010 by a rock chip sample that returned 1,045 ppm zinc. Mineralization is situated over 350 meters north of the main Albere Zone. Analytical results for all collected and analyzed rock samples ranged from trace to 1.88% zinc, trace to 451 ppm lead, and trace to 1,262 ppm copper; with the average of 481 ppm zinc, 12 ppm lead, and 87 ppm copper.

As part of the 2015 field work, a core recovery program was initiated, whereby 42 boxes of core were salvaged and re-boxed in new core boxes and stored on site.



ID	Sample	Depth m	Zn ppm	Pb ppm	Ag ppm	Cu ppm
1	2199052		48	3.2	0.05	14.2
2	2199053		42	0.7	0.05	3.3
3	2199054		12	2.8	0.05	5.2
4	2199056		45	2.5	0.05	12.2
5	2199057		80	3	0.05	24.1
6	2199058		5	4.1	0.05	4.3
7	2199059		48	0.7	0.05	8.4
8	2199060		78	2	0.05	20.1
9	515071		110	4.3	0.2	42.3
10	515072		417	24.6	0.3	100.2
11	515073		277	18.4	0.2	32.6
12	515073		285	19.8	0.1	35.1
13	515073 DUP		277	18.4	0.2	32.6
14	515074		309	18.7	0.2	25
15	515075		94	19	2	878.9
16	515076		164	14.4	1	365.8
17	2199464		176	9.7	0.2	27.9
18	515062 DUP	0.35-0.45	12	13.9	0.05	3.4
19	515052	0.35-0.45	12	13.9	0.05	3.4
20	515052 REP	0.35-0.45	12	13.9	0.05	3.9
21	515053	0.50-0.80	82	1.1	1.8	63.9
22	515054	2.4	40	2.3	0.1	26.6
23	515055		129	8.8	14.7	291.2
24	515056	0.8-0.95	55	1.5	0.1	22.7
25	515057		89	2.9	11.5	144.6
26	515058		64	2.1	0.05	22.6
27	515059		112	1.9	0.05	12.8
28	515060		125	2.3	7.8	159.7
29	515061	0.12-0.34	86	2.2	0.2	59.8
30	515062	0.15-0.42	22	2.1	0.05	14.3
31	515063	0.10-0.70	63	1.5	0.05	28.5
32	515064	0.00-0.20	156	1.5	0.05	24.9
33	515065	0.20-0.60	78	1.2	0.05	21.7
34	515066	0.12-0.68	51	3.5	0.05	4.9
35	515067	0.18-0.44	49	5.8	0.05	16.8
36	515068	0.20-0.94	86	5	0.05	43.7
37	515069	0.08-0.45	161	2.5	0.05	25.8
38	515070	0.30-0.56	86	7	0.1	62.2
39	2199061	0.3-0.6	107	3.1	0.2	106.5
40	2199062	0.25-0.4	98	11.5	0.05	5
41	2199063	0.18-0.32	51	3.4	0.05	11.7
42	2199064	0.1-0.34	82	2	0.05	43.5
43	2199065	0.20-0.50	93	2.5	0.05	34.2
44	2199066	0.15-0.60	81	2	0.05	13
45	2199067	0.15-0.50	70	0.8	0.05	26.4
46	2199068	0.20-0.80	44	1.1	0.05	31.3
47	2199069	0.15-0.63	74	2.7	0.05	5.3
48	2199070	0.10-0.47	102	1.4	0.05	19.7
49	2199071	0.15-0.43	128	1.3	0.05	7.3
50	2199072	0.10-0.28	51	5.2	0.05	17.8
51	2199073	0.10-0.50	48	1	0.05	6.8
52	2199075		85	2.1	0.05	17
53	2199076 DUP	0.10-0.47	85	2.7	0.5	39.9
54	2199076 REP	0.10-0.47	89	2.7	0.8	40.1
55	2199076	0.10-0.47	85	2.7	0.5	39.9
56	2199077	0.10-0.28	47	1.1	0.05	71.7
57	2199078		49	3	0.05	20.3
58	2199079		30	1.3	0.1	34.7
59	2199080		37	1.4	0.05	33.8
60	2199081		27	2.1	0.05	80.5
61	2199082	0.10-0.47	44	1.3	0.05	26.3
62	2199083	0.10-0.47	111	1.7	0.2	20.2
63	2199084		98	3.9	0.2	7.9
64	2199085		23	2.5	0.1	20.3
65	2199086	0.10-0.28	194	6.8	0.05	8.3
66	2199087		88	3	0.2	27.2
67	2199088		47	4.4	0.05	31.2
68	2199089	0.10-0.47	50	6.2	2.4	35.3
69	2199090	0.10-0.47	567	7.9	0.8	446.6
70	2199091	0.10-0.47	112	26.4	0.05	10.6
71	2199092	0.1-0.34	127	7.5	2	117.3
72	2199093	0.10-0.50	99	5.2	0.1	18.5
73	2199094	0.10-0.47	87	6	0.05	10.3
74	2199095	0.10-0.50	83	7.3	0.3	34
75	2199096	0.20-0.80	102	3.8	0.8	45
76	2199097	0.15-0.63	102	8.7	1.1	62.5
77	2199098		112	7.1	0.5	30.8
78	2199099	0.15-0.63	155	6.4	1.3	94.8
79	2199100	0.15-0.63	88	3.8	0.1	61
80	2199465	0.7-0.85	73	4.5	0.05	47.7
81	2199466	0.75	66	4	0.5	116.9

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Scotia Property

2015 Drill Locations and Grades

Scale: As shown	NTS: 1031	Drawn by: EH
Date: June 2017	QP: E. Harrington	Figure: 17

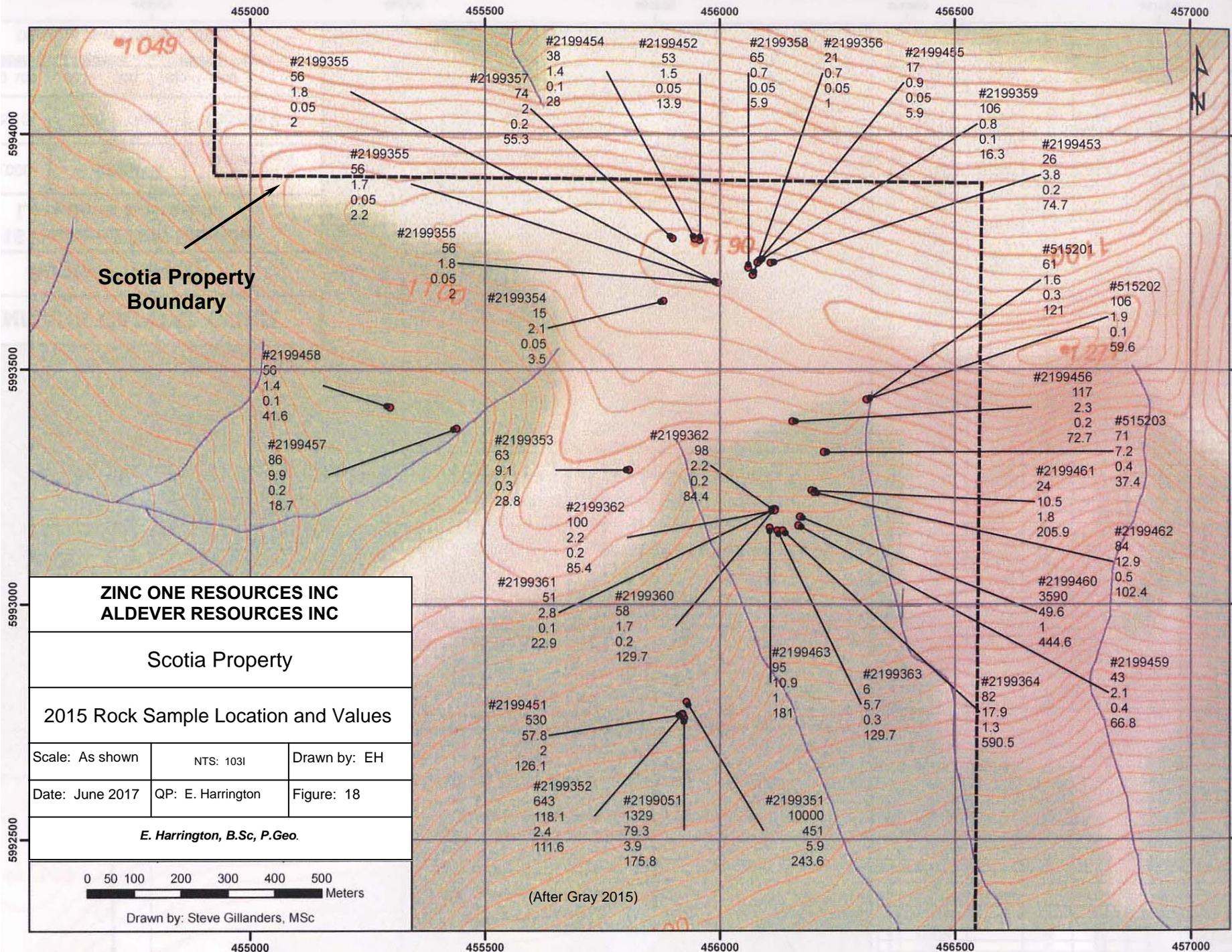
*E. Harrington, B.Sc, P.Geo.*

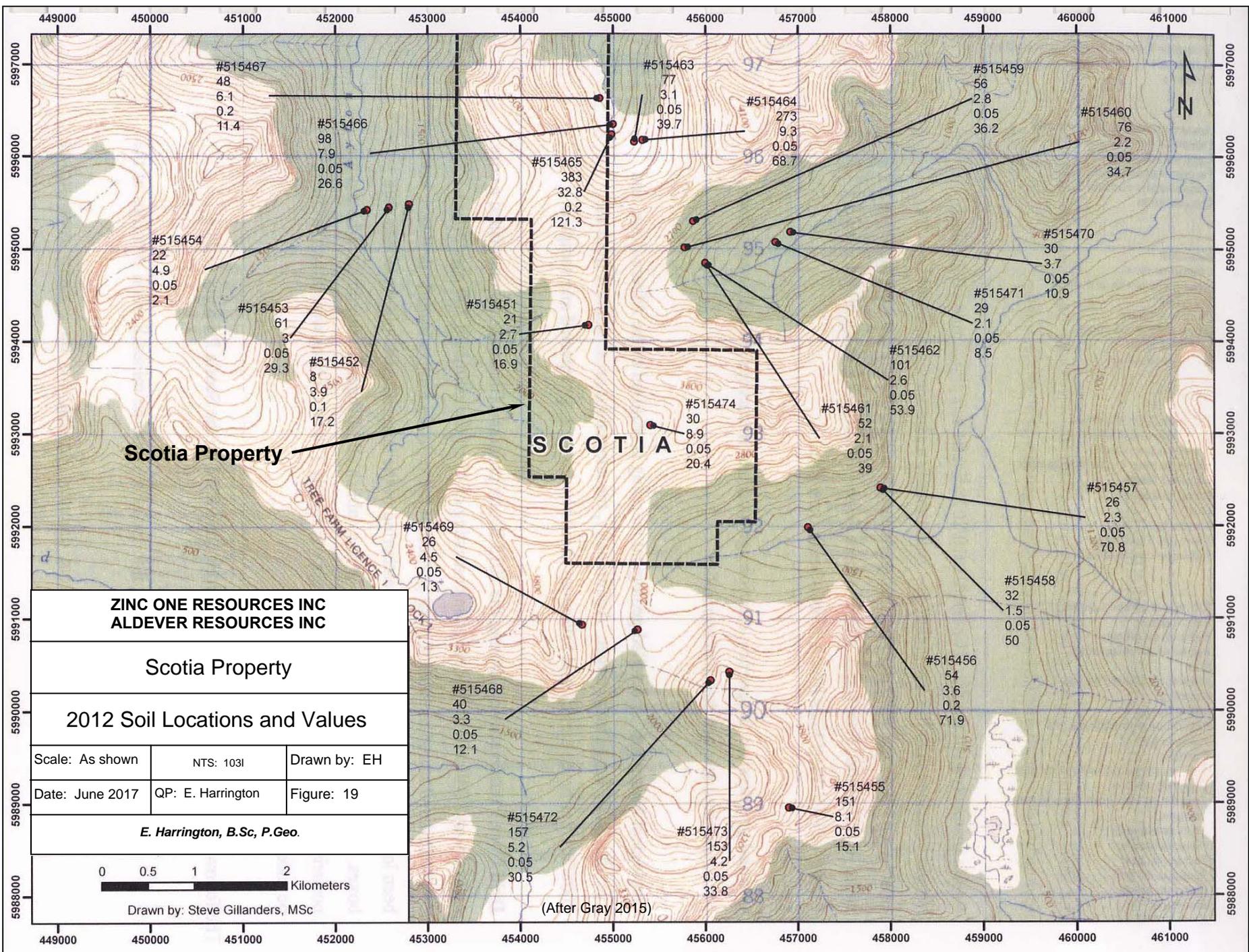
0 50 100 200 300 400 500 Meters

Drawn by: Steve Gillanders, MSc

(After Gray 2015)

455000 455500 456000 456500 457000





## 10.0 DRILLING

An overview of historical drilling programs has been presented in Section 6.0 History. A program of man-portable pack-sack diamond drilling was carried out in 2015. Details of the pack-sack drilling have been provided in Section 9.0 Exploration. Pack-sack drilling was used to test near-surface structures and the geochemical results are not part of the current mineral resource estimate.

Drilling results from five work programs were used in the current mineral resource estimate. The 1960 drilling program consisted of ten drill holes, but assays for three holes S-3-60, S-4-60, and S-5-60 are not available, so only seven holes were used.

**Table 10: Drilling Summary**

Year	Drill Holes	Number of Holes	Total (m)	Type	Rod Size	Core Size (mm)
1960	S-1-60, S-2-60 and S-6-60 to S-10-60	7	375	core	EX and AX	21.5 - 30.1
1980	S-11-80 to S-17-80	7	960	core	BQ	36.4
1981	S-18-81 to S-21-81	4	1,104	core	BQ	36.4
1984	84-01 to 84-11	11	767	core	BQ	36.4
1997	S-33-97 to S-42-97	10	938	core	BQTW	36.4
	Totals	39	4,144			

The 1960 drilling was carried out using smaller core rods than the later drilling. The smaller core size returns less rock material, and makes logging and sampling more difficult. Due to the “nugget effect” of gold mineralization, where contained gold is not spread homogeneously throughout the rock, smaller core size reduces the possibility of sampled core containing gold. No information was available to the writers regarding core recovery.

Historical core recovery data is not consistently given. During the 1980 drilling, general core recovery ranged from 60% to 100%, while the sampled intervals of core ranged from 90% to 100%. Core recovery was not always shown in the drill logs. During the 1981 drilling, no core recovery information is given in the drill logs.

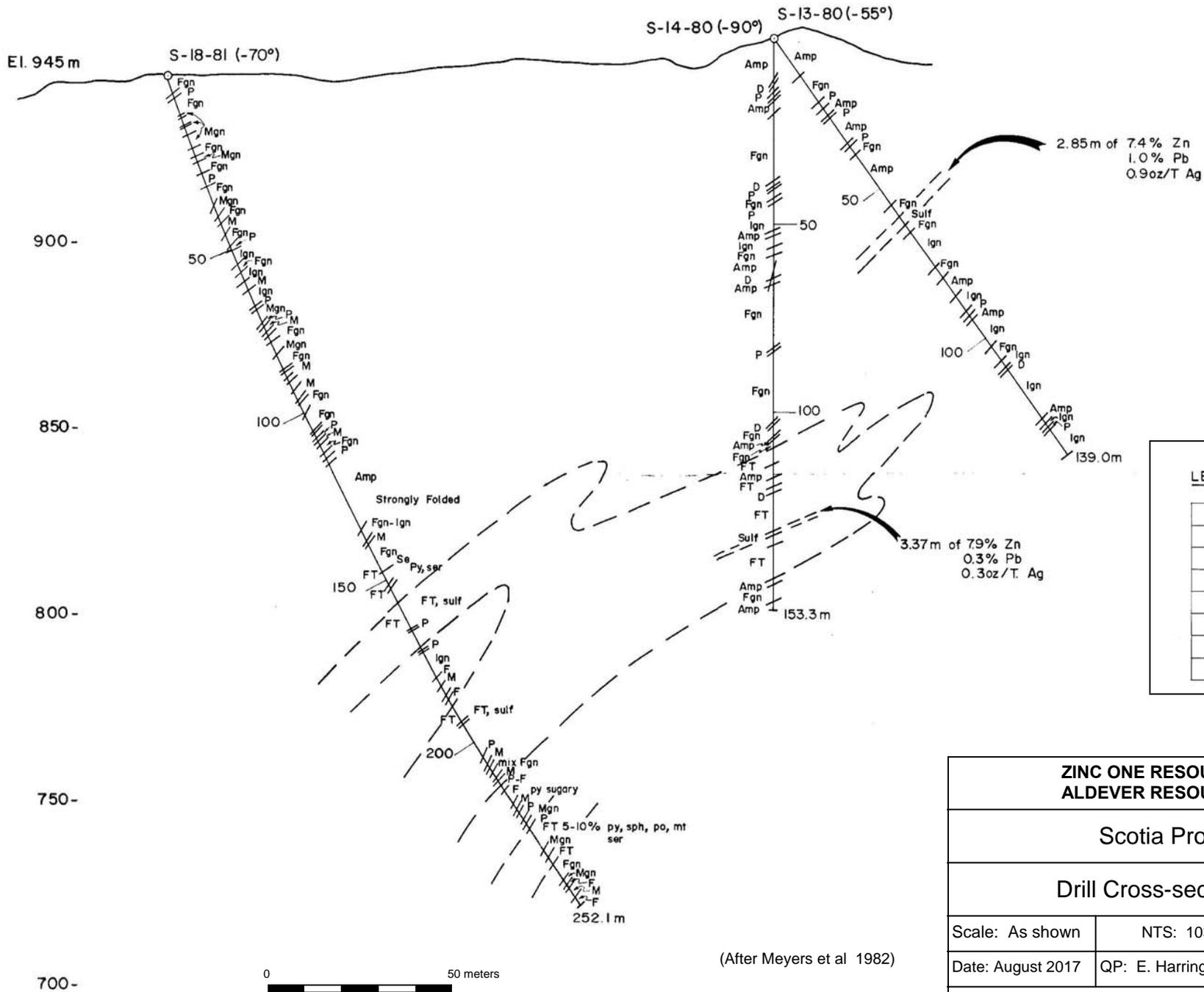
During the 1984 drilling, core recovery was consistently 100%, but recovery values were only given for sampled intervals. For the 1997 drilling, core recovery where given ranged from 70% to 100%, with most recovery values from 95% to 100%. While some recovery values suggest that the mineralized zones tend to be competent, returning between 90% and 100% of the core, poor recovery data could affect the measurement of the mineralized interval and possibly compromise grade calculation.

In the main deposit area, spacing between drill holes is in the range of 40 to 50 meters, with outlying holes having separations of up to 250 meters. Early drill holes were located on a local grid, with later drill holes making use of GPS technology. During the 1984 drill program, drill collars from the 1960 drill program were re-located and the core salvaged and re-boxed.

Drilling was conducted under the supervision of project geologists. Overburden was drilled by tricone bit with no core recovery. Core was boxed as it was removed from the core barrel and depth markers inserted. Core was logged, sampled, and stored on-site. A geological log was produced for each hole with written and coded descriptions of rock type, alteration, veins, mineralization, and structural information.

Because of the number of drilling programs carried out on the Property, the content of geological logs varies in quality and contained information. This variation in logs could pose problems in creating a unified and accurate view of the Property.

Drill data show a mineralization strike trend of  $340^{\circ}$ , a strike length of approximately 228 meters and a width of approximately 150 meters. The mineralized zones are consistent along strike and occur within an undulating lateral folded or drag fold structure. The folded structure dips  $-40^{\circ}$  southwest, with pinching and swelling down-dip. As shown in cross-section (Figure 20), holes with northeasterly dips generally intersect mineralization with approximately true-width intervals.



**LEGEND**

- Fgn (F) Felsic Gneiss
- Mgn (M) Mafic Gneiss
- Ign (I) Intermediate (Mixed) Gneiss
- Amp (A) Amphibolite
- P Pegmatite
- D Diorite
- FT Felsic "Tuff"
- Sulf Sulphide

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**Drill Cross-section A-A'**

Scale: As shown

NTS: 1031

Drawn by: EH

Date: August 2017

QP: E. Harrington

Figure: 20

**E. Harrington, B.Sc, P.Geo.**

(After Meyers et al 1982)

The drill intervals from steeper dipping holes will likely return sampled intervals that are longer than true widths. As the Property is still in the early stage of development and only three of forty-two holes having dips of  $-90^{\circ}$ , drilling intervals are shown as true-width. Detailed drilling data are provided in Appendix A. The following table shows selected assay results from drilling.

**Table 11: Selected Assay Results from Drilling**

Hole	From (m)	To (m)	Interval (m)	Zinc %	Lead %	Copper %	Silver g/t	Gold g/t
S-1-60	16.10	23.80	7.7	19.89	0.92	0.34	26.2	0.10
S-6-60	29.30	33.10	3.8	28.73	4.44	0.41	68.6	0.70
S-11-60	63.30	81.40	18.1	9.78	1.01	0.08	13.7	0.10
(includes)	63.30	65.40	2.1	28.70	1.00	-	20.6	-
	71.40	72.20	0.8	33.50	2.70	-	30.9	-
	76.10	76.60	0.5	24.40	8.10	-	154.3	-
	79.30	81.40	2.1	35.90	3.20	-	24.0	-
84-02	5.67	6.43	0.8	34.18	4.61	-	42.5	0.07
	19.48	20.85	1.4	38.85	0.79	-	24.0	0.03
84-03	25.73	36.88	11.2	26.01	0.92	-	32.8	0.03
(includes)	32.06	33.50	1.4	40.44	0.06	-	14.40	0.06
	33.50	34.93	1.4	42.77	0.32	-	19.20	0.03
84-04	26.24	35.57	9.3	20.61	2.73	-	43.0	0.06
(includes)	27.71	29.08	1.4	23.70	3.70	-	48.0	0.07
	33.59	35.11	1.5	33.28	3.40	-	50.1	0.07
84-08	33.71	36.12	2.4	31.74	0.73	-	15.1	0.13
84-10	17.56	18.99	1.4	23.05	1.54	-	15.77	-
	27.89	30.94	3.1	29.99	0.72	-	15.1	0.01
84-11	24.17	25.30	1.1	38.20	4.97	-	45.9	0.05
	30.42	32.61	2.2	33.68	1.55	-	18.2	0.05
S-11-80	62.50	66.00	3.5	17.68	0.61	0.16	12.2	0.01
(includes)	63.30	63.90	0.6	49.47	0.57	0.13	19.2	0.02
	64.40	65.40	1.0	31.15	1.33	0.35	25.7	0.02
	79.30	80.30	1.0	40.41	1.06	0.12	18.50	0.02
	80.30	81.40	1.1	31.97	5.05	0.12	19.90	0.01
S-15-80	125.30	143.00	17.7	2.90	0.19	0.09	5.4	-
(includes)	132.10	132.80	0.7	24.40	0.06	0.17	25.7	0.02
S-16-80	54.00	73.70	19.7	4.08	0.67	0.13	15.3	0.02
(includes)	66.50	68.50	2.0	18.70	1.07	0.08	22.5	0.03
S-33-97	68.70	90.10	21.4	6.70	1.10	0.10	25.9	0.05
(includes)	68.70	72.30	3.6	22.60	2.30	0.20	47.0	0.12
	69.20	69.80	0.6	38.30	4.03	0.28	107.0	0.18
	70.80	72.30	1.5	35.60	-	0.22	59.0	0.21
	85.75	86.05	0.3	26.30	6.98	0.13	79.0	0.07
	88.70	89.10	0.4	40.20	1.27	0.16	26.0	0.05

Hole	From (m)	To (m)	Interval (m)	Zinc %	Lead %	Copper %	Silver g/t	Gold g/t
S-36-97	11.00	26.20	15.2	7.80	0.10	0.20	7.9	-
(includes)	11.00	13.50	2.5	14.90	0.30	0.50	20.0	-
	24.82	26.23	1.4	35.40	0.01	0.40	17.0	-
S-37-97	15.60	42.30	26.7	9.00	1.20	0.20	21.5	
(includes)	25.94	27.70	1.8	32.90	4.67	0.18	67.0	0.04
	32.97	33.90	0.9	33.50	0.06	0.46	26.0	0.03
	33.90	35.70	1.8	23.10	1.67	0.34	32.0	0.07
	35.70	36.60	0.9	24.10	1.92	0.41	35.0	0.05
	37.25	38.05	0.8	26.30	1.57	0.29	32.0	0.05
S-38-97	17.37	18.04	0.7	46.40	3.49	0.34	55.00	0.05

Mineralization grade is variable and not homogeneous, with very high grade intervals generally being small. The highest assay value for zinc was from a 0.7 meter interval in hole S-38-97 that graded 46.4% zinc with 3.49% lead. The most significant calculated mineralized interval was 26.7 meters from hole S-37-97 that graded 9.0% zinc with 1.2% lead. Including all sampling, 14% of the assays returned zinc values greater than 10%, while 14% of the assays returned lead values greater than 1%. The following table shows the correlation between zinc, lead, silver, and gold assay values.

**Table 12: Assay Correlations**

	Zinc	Lead	Gold	Silver
Zinc	1			
Lead	0.564	1		
Gold	0.301	0.314	1	
Silver	0.549	0.796	0.593	1

Zinc and lead mineralization has a moderate correlation. Silver mineralization has a high positive correlation with lead, but only a moderate correlation with zinc and gold. Gold has a weak correlation with both zinc and lead.

## **11.0 SAMPLE PREPARATION, ANALYSIS, and SECURITY**

The following information on sample preparation, analysis, and security was taken from individual assessment reports. Details of sample preparation, analysis, and security for Texas Gulf's 1960 drill program are not known.

The writers consider Bondar-Clegg, Loring Laboratories, Acme Analytical/Bureau Veritas, and ALS Chemex to have adequate sample preparation, security, and analytical procedures, and to operate at industry standards.

Sampling during the various work programs, whether core, soil, or rock, have been carried out by a variety of operators. There have been no long-term dedicated or consistent quality assurance and quality control programs set in place. This lack of QA/QC consistency could affect the assay accuracy of sampled material. Future sampling programs should employ the external use of random duplicate samples and the insertion of standard and blank samples into the sample stream prior to delivery to the lab. All accredited labs use internal QA/QC systems involving the insertion of blanks and check samples into the analysis stream. Having external and internal checks would improve assay reliability.

Only drilling results have been entered into a Property database, and there is no central repository of digital data for the results from the various surface exploration programs. This lack of a comprehensive Property database makes evaluating historical work and planning future programs more difficult.

### **1980 Work Program - AR 09302**

Core samples were assayed for zinc, lead, copper, silver, and gold by Bondar-Clegg Laboratories. No assay certificates accompany the assessment report. Assay results were written into the geological log with the sampled interval. The assessment report gives no other details of sample preparation, analysis, and security.

Bondar-Clegg's historical and current certification standards are not known. The relationship between Bondar-Clegg and Texas Gulf Minerals is not known.

#### **1984 Work Program - AR 13794**

Core samples were visually inspected and split in half at the drill site. One half of the core was taken for assay and the remaining half replaced in the core box. Samples were bagged and an assay number assigned to each sample. Boxed core and samples were transported to Smithers by helicopter where the core was logged. Samples were packed in wooden boxes, and sent by airfreight to Loring Laboratories Ltd, Calgary, Alberta. Assay methods include fire assay (gold) and multi acid dissolution and Atomic Absorption (zinc and lead). High zinc values were determined by titration with potassium ferrocyanide.

Loring Laboratories currently uses a Quality Management System that complies with ISO 9001 requirements. Loring laboratory's certification standards in 1984 are not known. The relationship between Loring, Kidd Creek Mines, and Andalex Resources is not known.

#### **1997 Work Program - AR 25612 (Appendix C)**

Core was laid in wooden boxes directly from the core tube. The core was photographed and logged for lithology, alteration, and mineralization. Sections to be sampled were marked with red crayon and a four-part uniquely numbered sample tag showing the footage of the sampled interval.

The core to be sampled was split in half. One half was placed in a plastic sample bag along with a portion of the four-part tag, and the remaining half was replaced in the core box along with the remaining portion of the four-part tag. Visually high grade sections were cut with a rock saw in order to maximize representation between the two core halves.

Check sample and audit programs were carried out. One quarter split “check samples” of selected high grade intervals were taken from every hole that contained such intervals. The third part of the corresponding four-part sample tag was placed with the sample and the sample set aside in a specially marked sack. The remaining ¼ split was placed back in the core box. All of these selected samples were sawn.

With the exception of the ¼ split samples, all samples were delivered to Chemex Laboratories Ltd in Vancouver by bus from Smithers, BC. The ¼ split samples were delivered directly to Chemex by Arnex personnel. All samples underwent gold and multi-element analyses. Samples were prepared with nitric-aqua-regia leach with argon ICP spectroscopy analyses. Samples with visually significant (>1%) sphalerite and/or galena were coded for special high grade metal preparation and a nitric-aqua-regia (four acid) digestion analytical procedure. Samples containing >5% (50,000 ppm) zinc or lead received separate (“ore grade”) assays for these elements, in addition to the analyses already described. Pulps from high grade samples were sent to Min-en Laboratories of Vancouver, BC for zinc and lead assays, and silver and gold fire assay with atomic absorption (AA) finish.

Chemex holds global certifications for International Standards ISO 17025 and ISO 9001. Chemex’s sample processing and analytical results are considered by the writer to be industry standard. The relationship between Chemex, Bishop Resources, and Arnex Resources is not known.

#### **1999 Work Program - AR 26168**

Regional moss mat stream sediment samples were collected and prospecting and rock chip sampling of creek float were conducted at the same time. In areas thought to be mineralized, soil sampling was conducted either on a grid basis or as soil lines located down slope below sulfide-rich units. All samples were delivered to Chemex Laboratories Ltd in Vancouver for 30 gm gold FA-AAS and 32-element ICP-AES analyses. No further details of sample preparation, analysis, and security are given.

Chemex holds global certifications for International Standards ISO 17025 and ISO 9001. Chemex's sample processing and analytical results are considered by the writer to be industry standard. The relationship between Chemex, Bishop Resources, and Arnex Resources is not known.

#### **2005 Work Program - AR 28054**

Selected intervals from six drill holes from the 1997 program were chosen to be re-sampled to allow verification of results. One-half of the core remnants from the 1997 program were to be sawed into quarter splits for re-sampling. Lack of time due to poor flying conditions did not allow for sawing of the core. Instead, the one-half splits remaining from the 1997 program were taken as part of the re-sampling program. Representative specimens were left for selected core intervals.

The same intervals that were sampled during the 1997 program were selectively re-sampled during the 2005 program. Core samples were placed in plastic sample bags then sealed in plastic containers and flown by helicopter to Prince Rupert. The samples were then trucked to North Vancouver and stored at Arnex's locked storage facility prior to delivery to Acme Analytical Laboratories in Vancouver. Samples were delivered to Acme Analytical Laboratories in Vancouver and analyzed by 30 element ICP-ES as well as fire assay and ICP-ES for 30 gram gold assay.

Acme Analytical holds global certifications for International Standards ISO 17025 and ISO 9001. Acme's sample processing and analytical results are considered by the writers to be industry standard. The relationship between Acme, Geo Minerals, and Arnex Resources is not known.

### **2007 Work Program - AR 29340**

Soil samples were collected from the B-horizon where possible, placed in cloth sample bags, and securely stored at the campsite until being flown by helicopter and then trucked to a locked storage facility in Smithers. The samples were then picked up and shipped by a bonded carrier to Acme Labs in Vancouver. Analysis was by 30 element ICP-ES, as well as fire assay and ICP-ES for 30 gram gold assay.

Acme Analytical holds global certifications for International Standards ISO 17025 and ISO 9001. Acme's sample processing and analytical results are considered by the writers to be industry standard. The relationship between Acme, Geo Minerals, and Arnex Resources is not known.

### **2008 Work Program - AR 31210**

All soil samples were taken from the C horizon where possible and, where C horizon was not possible, the B-Horizon was sampled. All samples were sent to ACME Analytical Laboratories of Vancouver B.C. Rock chip samples were assayed by Group 7TX Hot Aqua Regia digestion with ICP-MS and ICP-ES finish. Soil samples were analyzed by Group 1 EX 4-acid digestion with ICP-MS finish. No further information concerning sample preparation, analyses, and security is given in the assessment report.

Acme Analytical holds global certifications for International Standards ISO 17025 and ISO 9001. Acme's sample processing and analytical results are considered by the writer to be industry standard. The relationship between Acme, Geo Minerals, and Arnex Resources is not known.

### **2009 Work Program - AR 32073**

Samples were placed in cloth sample bags and securely stored at the campsite until being flown out by helicopter and then trucked to Acme Labs in Vancouver.

The samples were analyzed by 30 element ICP-ES (Acme Labs Method 1D) as well as 30 gram gold fire assay using ICP-ES finish (Acme Labs Method 3B). No further information concerning sample preparation, analyses, and security is given in the assessment report. Acme Analytical holds global certifications for International Standards ISO 17025 and ISO 9001. Acme's sample processing and analytical results are considered by the writer to be industry standard. The relationship between Acme and Geo Minerals is not known.

#### **2014 Work Program - AR 35283**

Prospecting rock samples were collected, placed in plastic sample bags, sealed and shipped to Bureau Veritas Commodities Canada Ltd. (formerly Acme Analytical Laboratories) for chemical analyses. Samples were analyzed by 35-element ICP-MS method AQ200 and AQ201. No further information concerning sample preparation, analyses, and security is given in the assessment report. Acme Analytical/Bureau Veritas holds global certifications for International Standards ISO 17025 and ISO 9001. Acme's sample processing and analytical results are considered by the writer to be industry standard. The relationship between Acme/Bureau Veritas and Geo Novus Minerals is not known.

#### **2015 Work Program - AR 35556**

Samples were shipped to Bureau Veritas Commodities Canada Ltd. (formerly Acme Analytical Laboratories) for chemical analyses. Samples were analyzed by 35-element ICP-MS method AQ200. No further information concerning sample preparation, analyses, and security is given in the assessment report. Acme Analytical/Bureau Veritas holds global certifications for International Standards ISO 17025 and ISO 9001. Acme's sample processing and analytical results are considered by the writer to be industry standard. The relationship between Acme/Bureau Veritas and Glenmark Capital Corp is not known.

## **12.0 DATA VERIFICATION**

Exploration work on the Scotia Property has been carried out since the 1960s by a variety of companies. There has been no consistent collection and recording of work data, and only sporadic QA/QC programs employed during the various work programs. Examples of QA/QC programs employed are presented in Section 11.

The first comprehensive drilling database was created from historical data in 2011 by A. Birkeland P.Eng. a Qualified Person as defined by NI-43-101. The current mineral resource estimate is based on Birkeland's database. The writers have been unable to obtain Texas Gulf's 1960 drilling report, so technical drilling information and assay values for the 1960 program presented in Birkeland's database have not been reviewed or checked. Subsequent drilling programs are described in government assessment reports and are available online.

Where original drilling information was available, the writers reviewed drilling and sampling procedures, and database entries were compared with the original data. Rounding differences were noted in the transfer of assay values from original assay certificates to the database, but the differences were minor and no changes to the database values were made. In the writers' opinion, historical drilling and sampling procedures were carried out to acceptable standards.

The objective of the 2005 drill core re-sampling program was to verify the core sampling results obtained from the 1997 core drilling program. Re-sampling was carried out by Arnex Resources Ltd under the supervision of A. Birkeland. As shown in Table 7, results from the 2005 re-sampling compare well with original 1997 results. In the writers' opinion, re-sampling results verified 1997 results, and therefore the drilling data contained in Birkeland's database is suitable for the purpose of determining a Mineral Resource Estimate. Details of the re-sampling program are presented in Section 6 History.

In 1997, sampled core intervals were cut length-wise: one half returned to the core box and the remaining half sent for analysis. During the 2005 re-sampling, the remaining core halves from previous sampling were taken for analysis. No substantive mineralized core intervals remain for further examination.

The writers did not attempt to verify property information obtained from sources other than assessment reports, as the accuracy of information provided by the cited sources is considered by the writers to be sufficient. On 6 June 2017, a claim status review was carried out by Harrington using the Mineral Titles Online website.

### **13.0 MINERAL PROCESSING and METALLURGICAL TESTING**

The writers are unaware of any recent mineral processing and/or metallurgical testing having been carried out on the subject Property.

### **14.0 MINERAL RESOURCE ESTIMATES**

G.H. Giroux of Giroux Consultants Ltd is the qualified person responsible for this resource estimate. Mr. Giroux is a qualified person by virtue of education, experience, and membership in a professional association. He is independent of both the issuer and the vendor, applying all of the tests in section 1.5 of National Instrument 43-101. Mr. Giroux has not visited the Scotia Property.

The following Mineral Resource Estimate is based on historical drilling data. In 2009, Giroux carried out a mineral resource estimate on the Scotia Property. In the writer Giroux's opinion, as no substantial drilling has occurred on the property since the 2009 mineral resource estimate, the new estimate presented in this section, which is based on historical data, is current.

Due to the May 2014 changes to the CIM Definition Standards on Mineral Resources and Mineral Reserves adopted by CIM Council, the Scotia Property mineral resource has been reclassified as Inferred.

To the writers' knowledge, no engineering or environmental studies have been initiated by the issuer regarding the extraction of the subject mineral resource. No project work permits have been applied for. No negotiations or agreements with local communities have been initiated. A potential legal risk for Property development would be a failure of Vendor and Issuer to honor the Option Agreement thereby putting legal ownership of the Property in question.

Political uncertainty with local groups is a significant risk. While both Issuer and Vendor recognize that they will have to work closely with all local groups, such as First Nations, there is a risk that opposition could delay exploration and development of the Property. Continued dialogue with local groups will mitigate this risk.

#### **14.1 Data Analysis**

The data base for the Scotia resource estimate was provided by Arnex Resources from historical drill programs conducted on the Property, and consisted of:

- Seven holes drilled in 1960 (S-1-60, S-2-60 and S-6-60 to S-10-60);
- Seven holes drilled in 1980 (S-11-80 to S-17-80);
- Four holes drilled in 1981 (S-18-81 to S-21-81);
- Eleven holes drilled in 1984 (84-1 to 84-11); and
- Ten holes drilled in 1997 (S-33-97 to S-42-97).

In total, the data base includes 39 drill holes totaling 4,144 meters (Appendix A). The data base consisted of collar coordinates, down-hole surveys and assays. Drill hole coordinates were given in a "mine grid" system aligned 20° west of north.

In order to bring all data into the same relative space, 20° were added to each hole azimuth. Samples taken from within massive sulfide units and outside them were replaced in the data base with a nominal 0.001 % for each of Zn, Pb, and Cu, with 0.001 g/t for Ag, and with 0.7 ppb for Au. Massive sulfide units were identified in each drill hole and the assays within the massive sulfide units were separated from background lower grade values. Summaries of the grade statistics for all variables within the massive sulfide units and in the surrounding waste are presented in Tables 13 and 14 respectively.

**Table 13: Summary of Grade Statistics for Assays in Massive Sulfide Units**

	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (ppb)
Number	424	424	424	424	424
Mean	7.86	0.85	0.09	17.89	222
Standard Deviation	11.55	1.42	0.13	20.67	333
Minimum value	0.001	0.001	0.001	0.001	0.7
Maximum value	49.47	10.84	0.99	153.30	2200
Coefficient of Variation	1.47	1.67	1.41	1.16	1.57

**Table 14: Summary of Grade Statistics for Assays in Waste Units**

	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (ppb)
Number	392	392	392	392	392
Mean	0.12	0.06	0.03	2.89	42
Standard Deviation	0.53	0.46	0.05	7.89	111
Minimum value	0.001	0.001	0.001	0.001	0.7
Maximum value	9.69	8.82	0.47	124.11	1420
Coefficient of Variation	4.22	7.98	2.16	2.73	2.61

For each variable, assays from massive sulfide intervals were plotted on a log-normal cumulative probability diagram. A single log-normal population will plot as a straight line in this graphical technique. Multiple overlapping populations will plot as a curve with inflection points determining breaks between populations.

On the log-normal plots, solid black dots represent data points. Vertical lines show the interpreted inflection points between populations. Breaking or partitioning these populations produces the lines shown as open circles. Recombining these interpreted populations is a check on interpretation validity and is represented by open triangles.

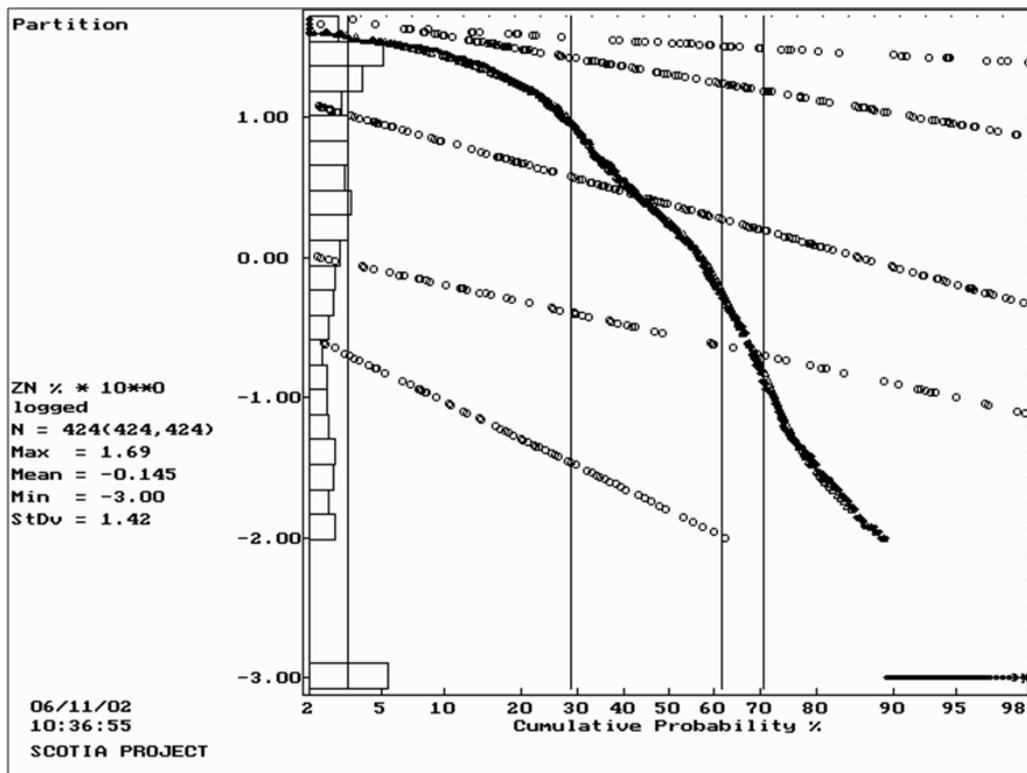
The plot for zinc (Figure 21) shows 5 overlapping log-normal populations as described in Table 15. Populations 1, 2, and 3 represent massive sulfide mineralization and are not considered erratic. Populations 4 and 5 represent internal waste and missing samples within the massive sulfide units.

A capping level to reduce the effect of the upper part of population 1 would be 2 standard deviations above the mean of population 1, a level of 46.5% Zn. One assay for zinc was capped at 46.5%.

**Table 15: Summary of Zn Populations within Massive Sulfide Units**

Population	Mean (Zn %)	Proportion of Total samples	Number of Samples
1	33.84	3.33 %	14
2	20.16	25.46 %	108
3	2.39	33.09 %	140
4	0.28	8.68 %	37
5	0.02	29.43 %	125

**Figure 21: Log-normal Cumulative Frequency Plot for Zn within Massive Sulfide Units**

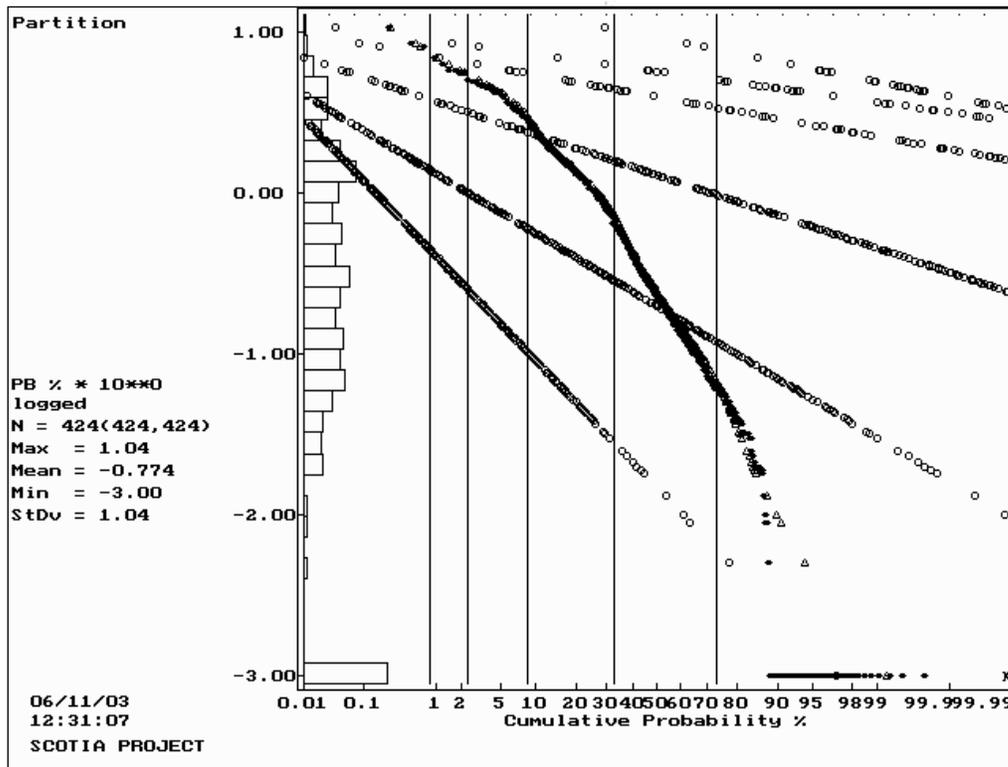


A plot for lead (Figure 22) shows 6 overlapping log-normal populations as described in Table 16. Population 1 is considered erratic high grade and a capping level of 2 standard deviations above the mean of population 2 was used. Two assays were capped at 8.3% Pb. Populations 2, 3, and 4 represent massive sulfide mineralization. Populations 5 and 6 represent internal waste and missing samples within the massive sulfide units.

**Table 16: Summary of Pb Populations within Massive Sulfide Units**

Population	Mean (Pb %)	Proportion of Total samples	Number of Samples
1	9.34	0.84 %	4
2	5.73	1.48 %	6
3	3.99	6.35 %	27
4	1.30	24.03 %	102
5	0.20	40.90 %	173
6	0.02	26.41 %	112

**Figure 22: Log-normal Cumulative Frequency Plot for Pb within Massive Sulfide Units**

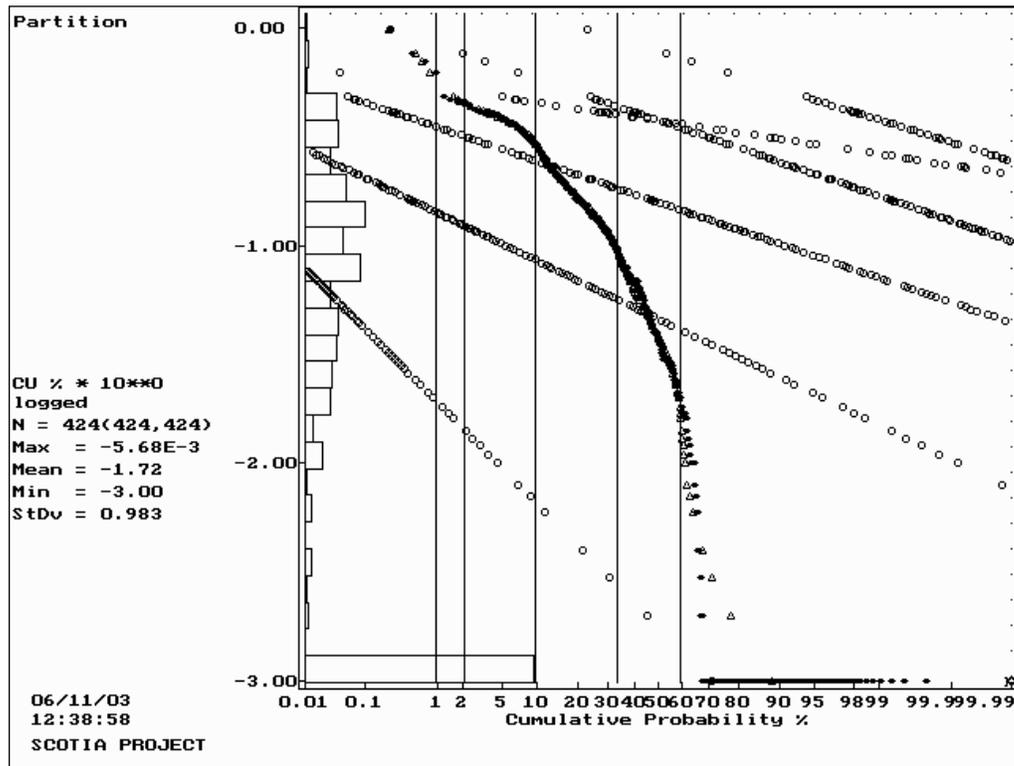


The plot for copper (Figure 23) shows 6 overlapping log-normal populations as described in Table 17. Population 1 is considered erratic high grade and a capping level of 2 standard deviations above the mean of population 2 was used. Two assays were capped at 0.74% Cu. Populations 2, 3, and 4 represent massive sulfide mineralization. Populations 5 and 6 represent internal waste and missing samples within massive sulfide units.

**Table 17: Summary of Cu Populations within Massive Sulfide Units**

Population	Mean (Cu %)	Proportion of Total samples	Number of Samples
1	0.782	0.96 %	4
2	0.375	1.10 %	5
3	0.374	7.71 %	33
4	0.157	23.53 %	100
5	0.046	25.89 %	110
6	0.002	40.81 %	172

**Figure 23: Log-normal Cumulative Frequency Plot for Cu within Massive Sulfide Units**

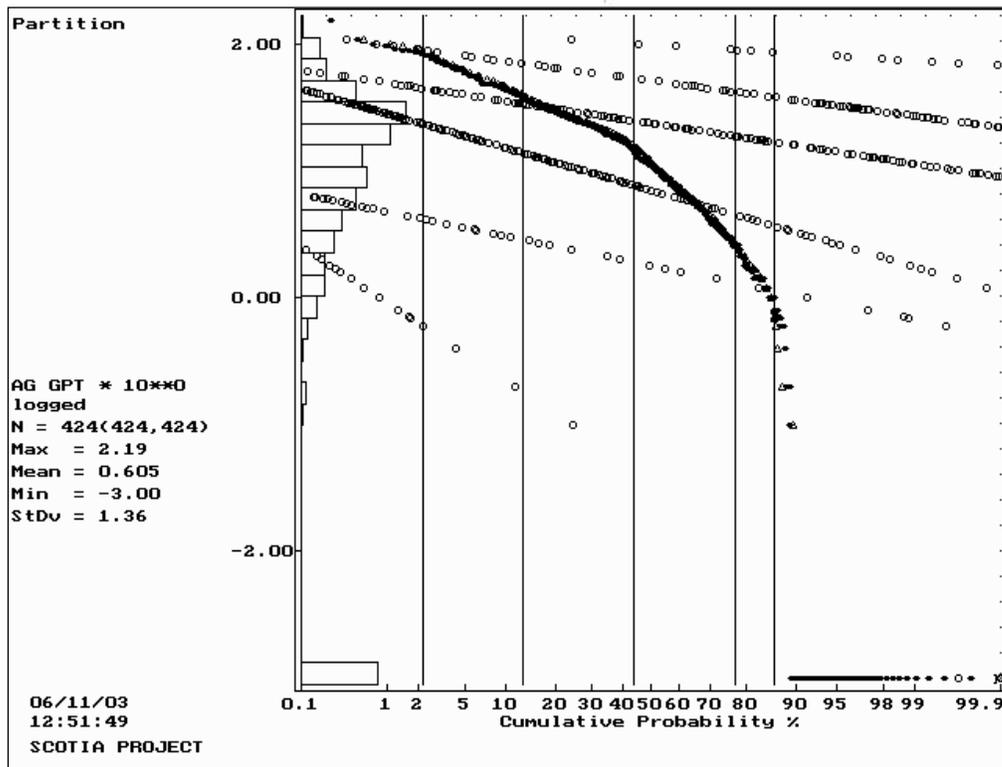


The plot for silver (Figure 24) shows 6 overlapping log-normal populations as described in Table 18. Population 1 for silver is not considered erratic high grade and a capping level of 2 standard deviations above the mean of population 1 was used. One assay was capped at 125 g/t Ag. Populations 1, 2, 3, and 4 represent the massive sulfide mineralization. Populations 5 and 6 represent internal waste and missing samples within massive sulfide units.

**Table 18: Summary of Ag Populations within Massive Sulfide Units**

Population	Mean (Ag g/t)	Proportion of Total samples	Number of Samples
1	98.01	2.20 %	9
2	51.03	10.70 %	45
3	23.50	31.07 %	132
4	7.01	33.22 %	141
5	1.79	9.03 %	38
6	0.04	13.79 %	59

**Figure 24: Log-normal Cumulative Frequency Plot for Ag within Massive Sulfide Units**

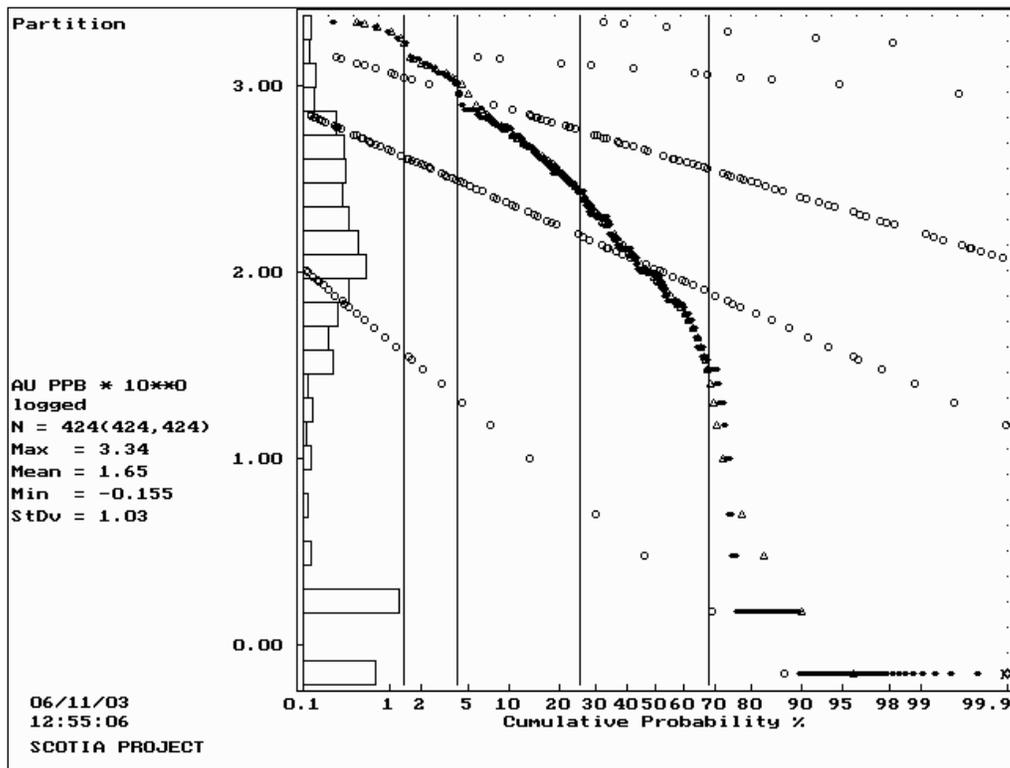


The plot for gold (Figure 25) shows 5 overlapping log-normal populations as described in Table 19. Population 1 for gold is considered erratic high grade and a capping level of 2 standard deviations above the mean of population 2 was used. Six gold assays were capped at 1,510 ppb Au. Populations 2 and 3 represent the massive sulfide mineralization. Populations 4 and 5 represent internal waste and missing samples within massive sulfide units.

**Table 19: Summary of Au Populations within Massive Sulfide Units**

Population	Mean (Au ppb)	Proportion of Total samples	Number of Samples
1	2101	1.36 %	6
2	1215	2.74 %	12
3	438	21.28 %	90
4	104	42.66 %	181
5	2.7	31.95 %	135

**Figure 25: Log-normal Cumulative Frequency Plot for Au within Massive Sulfide Units**



Assays outside the massive sulfide units were also evaluated and capped to reduce the effect of isolated high grades in material considered waste. These assays were used to determine reasonable dilution values for blocks along the edges of massive sulfide solids. Table 20 shows the capping levels and number of samples capped in the waste units.

**Table 20: Summary of Capping Levels for Assays in Waste**

Variable	Cap Level	Number Capped
Zn	1 % Zn	3
Pb	1 % Pb	2
Cu		None capped
Ag	20 g/t Ag	4
Au	500 ppb	3

The capping results are shown in Tables 21 and 22, with reduced mean values and coefficients of variation in both the massive sulfide units and waste.

**Table 21: Summary of Capped Assay Grades in Massive Sulfides**

	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (ppb)
Number	424	424	424	424	424
Mean	7.85	0.84	0.09	16.83	205
Standard Deviation	11.53	1.38	0.13	20.27	299
Minimum value	0.001	0.001	0.001	0.001	0.7
Maximum value	46.50	8.30	0.74	125.0	1510
Coefficient of Variation	1.47	1.63	1.39	1.13	1.46

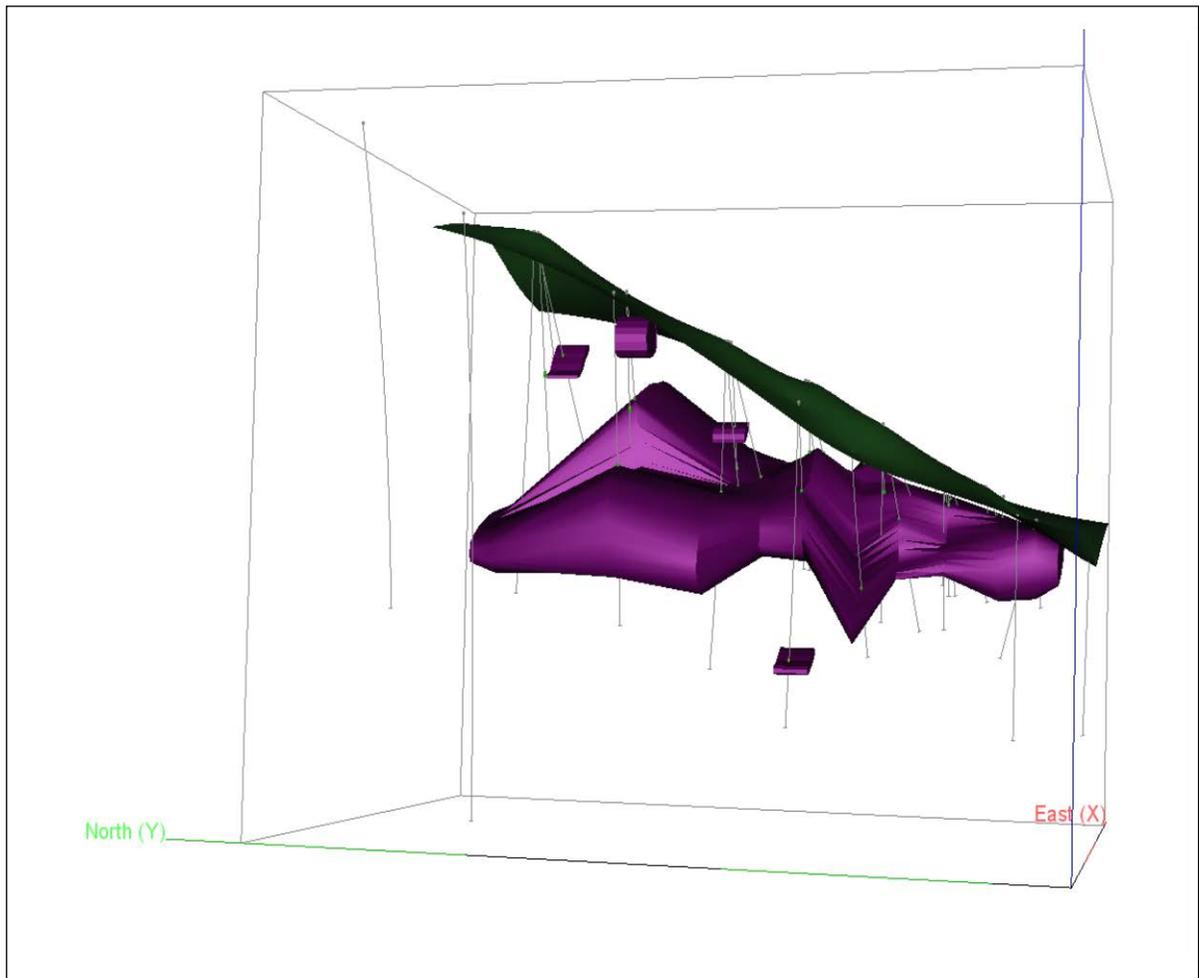
**Table 22: Summary of Capped Assay Grade in Waste Units**

	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (ppb)
Number	392	392	392	392	392
Mean	0.10	0.04	0.03	2.46	39
Standard Deviation	0.20	0.10	0.05	4.05	85
Minimum value	0.001	0.001	0.001	0.001	0.7
Maximum value	1.00	1.00	0.47	20.0	500
Coefficient of Variation	1.97	2.84	2.16	1.64	2.15

## 14.2 Geological Model

Individual drill holes were examined, with the top and bottom of massive sulfide mineralization flagged. Intervals with small data gaps or low grade sections were included as internal waste. In some holes, with larger gaps between sulfide units, hanging wall or foot wall zones were coded. Intervals were then joined to form a three dimensional solid that encompasses the massive sulfide mineralization.

**Figure 26: View looking roughly east, showing massive sulfide solids in purple, surface topography in green and drill hole traces in grey**



### 14.3 Composites

Uniform down-hole composites, 2 meters in length, were formed following the massive sulfide solid boundaries. Composites less than 1 meter in length at the bottom of the solids were combined with the adjoining sample to produce a uniform support of  $2 \pm 1$  meters. All assays outside massive sulfide solids in areas considered waste were treated in a similar manner. Tables 23 and 24 show a summary of composite grades for each variable. Within waste units, unsampled intervals between the tops of holes and the first assay and between the last assay and end of holes were added at values of 0.001% for Zn, Pb, and Cu, 0.001 g/t for Ag, and 0.7 ppb for Au. This addition results in many more 2-meter composites than the assays shown in Tables 23 and 24 and also in higher coefficients of variation. Determining composites for waste intervals made it possible to estimate a grade for block volumes along and outside the edges of massive sulfide solids, allowing for realistic levels of dilution to be determined.

**Table 23: Summary of 2-meter Composites in Massive Sulfides**

	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (ppb)
Number	314	314	314	314	314
Mean	5.90	0.61	0.07	13.77	158
Standard Deviation	8.30	0.87	0.10	15.54	235
Minimum value	0.001	0.001	0.001	0.001	0.7
Maximum value	35.99	5.69	0.67	92.75	1398
Coefficient of Variation	1.40	1.42	1.44	1.12	1.49

**Table 24: Summary of 2-meter Composites in Waste Units**

	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (ppb)
Number	1,761	1,761	1,761	1,761	1,761
Mean	0.023	0.006	0.005	0.47	8.4
Standard Deviation	0.091	0.030	0.017	1.71	35.1
Minimum value	0.001	0.001	0.001	0.001	0.7
Maximum value	0.94	0.79	0.28	18.50	500
Coefficient of Variation	3.95	4.81	3.57	3.67	4.19

### 14.4 Variography

Grade continuity was examined for each variable using pair-wise relative semi-variograms. The directions of longest continuity were along strike, Grid Azimuth 0 and across dip at Grid Azimuth 090° dip -45°.

Nested spherical models were fit to the anisotropy with massive sulfide models shown in Appendix 2. Parameters for massive sulfides and for waste are summarized in Tables 25 and 26 respectively.

**Table 25: Summary of Semi-variogram Parameters for Scotia Massive Sulfide Units**

Variable	Az.	Dip	Nugget Effect C <sub>0</sub>	Short Structure C <sub>1</sub>	Long Structure C <sub>2</sub>	Short Range a <sub>1</sub> (m)	Long Range a <sub>2</sub> (m)
Zinc	0°	0°	0.60	0.43	0.27	15	60
	90°	-45°	0.60	0.43	0.27	5	40
	270°	-45°	0.60	0.43	0.27	15	20
Lead	0°	0°	0.70	0.28	0.22	15	50
	90°	-45°	0.70	0.28	0.22	12	30
	270°	-45°	0.70	0.28	0.22	15	18
Copper	0°	0°	0.20	0.55	0.28	15	50
	90°	-45°	0.20	0.55	0.28	30	60
	270°	-45°	0.20	0.55	0.28	10	30
Silver	0°	0°	0.40	0.55	0.17	10	60
	90°	-45°	0.40	0.55	0.17	15	40
	270°	-45°	0.40	0.55	0.17	15	30
Gold	0°	0°	0.40	0.58	0.23	15	48
	90°	-45°	0.40	0.58	0.23	10	40
	270°	-45°	0.40	0.58	0.23	10	40

**Table 26: Summary of Semi-variogram Parameters for Scotia Waste**

Variable	Az.	Dip	Nugget Effect C <sub>0</sub>	Short Structure C <sub>1</sub>	Long Structure C <sub>2</sub>	Short Range a <sub>1</sub> (m)	Long Range a <sub>2</sub> (m)
Zinc	0°	0°	0.08	0.12	0.25	18	50
	90°	-45°	0.08	0.12	0.25	18	50
	270°	-45°	0.08	0.12	0.25	10	20
Lead	0°	0°	0.05	0.08	0.15	15	40
	90°	-45°	0.05	0.08	0.15	12	50
	270°	-45°	0.05	0.08	0.15	8	12
Copper	0°	0°	0.04	0.10	0.15	10	30
	90°	-45°	0.04	0.10	0.15	12	45
	270°	-45°	0.04	0.10	0.15	10	12
Silver	0°	0°	0.10	0.20	0.24	35	40
	90°	-45°	0.10	0.20	0.24	25	40
	270°	-45°	0.10	0.20	0.24	10	12
Gold	0°	0°	0.08	0.20	0.27	40	50
	90°	-45°	0.08	0.20	0.27	20	45
	270°	-45°	0.08	0.20	0.27	20	30

## 14.5 Block Model

Blocks 10 x 10 x 5 meters high were superimposed on the three dimensional solids model to determine the percentage of massive sulfide solid within each block. Blocks were also compared to the topographical surface, interpolated from drill hole collars, to determine the proportion of each block below topography. The block model was oriented parallel to the grid and 20° west of north. The origin in grid coordinates is as follows:

Lower left corner	4910 E 14980 N	10 m wide 10 m long	17 columns 28 rows
Top of model	970 Elevation	5 m high	40 levels
No Rotation			

## 14.6 Bulk Density

There were no specific gravity determinations provided with the data base. As the deposit consists of massive sulfides, the bulk density at any point will depend on sulfide content. Assuming that the sulfides present are sphalerite (quantified by Zn assay) and galena (quantified by Pb assay), a specific gravity (SG) was calculated for each composite based on the Zn and Pb value of the composite.

The approach was to assume zero porosity, a base specific gravity of the host rock of 2.70, and the only sulfides present are sphalerite and galena. This assumption is conservative as there are other sulfides such as pyrite, pyrrhotite, and chalcopyrite as well as magnetite present in many composites. The procedure and assumptions were as follows:

- All lead values were in galena with SG = 7.50;
- All zinc values were in sphalerite with SG = 3.90;
- Host rock had an SG = 2.70; and
- A porosity of 0% was assumed.

In order to calculate the bulk density for each block the weight percent (“Wt %”) for each mineral was calculated as follows:

- Wt. % Sphalerite was equal to the composite value of Zn x 1.490;
- Wt. % Galena was equal to the composite value of Pb x 1.155; and
- Wt. % host rock was equal to 100 – Wt% Sphalerite – Wt% Galena.

The SG for the block was calculated in a series of iterations starting at SG=2.70 and increasing SG each iteration by 0.01, until the Total equaled 100%.

For example: SG starts at 2.70

Total = %Sph + % Gal + % Rock

Where :      %Sph = (Wt% Sphalerite \* SG) / 3.90

                 %Gal = ( Wt% Galena \* SG) / 7.50

                 % Rock = (Wt % Rock \* SG) / 2.70

If (Total = 100%) stop

If (Total < 100%) SG = SG+0.01 and repeat loop

Specific gravities for composites in both the massive sulfide zones and waste were calculated and the minimum, maximum, and means are shown below.

**Table 27: Statistics for Calculated Composite Density Values**

	Calculated SG In Massive Sulfides	Calculated SG In Waste
Number of Composites	314	1,761
Mean SG	2.80	2.71
Minimum	2.71	2.71
Maximum	3.35	2.72

Using composites and search ellipses for zinc, a value for specific gravity was interpolated into each block estimate using inverse distance squared. These specific gravity determinations are conservative because they fail to account for other sulfides present. The determinations do take the measured Zn and Pb sulfides into account and are therefore preferable to applying an average to all blocks.

## 14.7 Block Model Interpolation

Grades for zinc, lead, copper, silver, and gold were interpolated into each block with some proportion of massive sulfide present by ordinary kriging. Kriging was completed in a series of four passes, with the dimensions for the search ellipse expanding each pass. Each pass used a search ellipse oriented along the orthogonal axis described by the semi-variogram.

The first pass used an ellipse with dimensions equal to  $\frac{1}{4}$  the range of the semi-variogram in each of the three principal directions. If a minimum of 4 composites were found in the search, the block was estimated. If not, the search ellipse was expanded with dimensions equal to  $\frac{1}{2}$  the range of the semi-variogram in each direction. Again a minimum of 4 composites were required to estimate the block.

For those blocks still not estimated, the search ellipse was expanded to the full semi-variogram range in pass 3, and finally in pass 4, to twice the range. In all cases, if more than 12 composites were found, the closest 12 were used. Only composites within the mineralized massive sulfide zone were used for this estimate.

Kriging was repeated for zinc, lead, copper, silver, and gold within the waste zone for any block on the edge of the massive sulfide solid with some proportion of contained waste.

Only waste composites were used. For blocks that contained both massive sulfides and waste, a weighted average grade was calculated. Tables 28 and 29 show search parameters used in kriging massive sulfide and waste respectively.

**Table 28: Summary of Search Parameters for Kriging Massive Sulfide Zone**

Zone	Variable	Pass	Number Est.	Dir.	Dist. (m)	Dir.	Dist. (m)	Dir.	Dist. (m)
Massive Sulfide	Zn	1	252	Az 0 Dip 0	15	Az 270 Dip -45	5	Az 90 Dip -45	12.5
		2	579	Az 0 Dip 0	30	Az 270 Dip -45	10	Az 90 Dip -45	25
		3	543	Az 0 Dip 0	60	Az 270 Dip -45	20	Az 90 Dip -45	50
		4	305	Az 0 Dip 0	120	Az 270 Dip -45	40	Az 90 Dip -45	100
	Pb	1	120	Az 0 Dip 0	12.5	Az 270 Dip -45	4.5	Az 90 Dip -45	7.5
		2	482	Az 0 Dip 0	25	Az 270 Dip -45	9	Az 90 Dip -45	15
		3	635	Az 0 Dip 0	50	Az 270 Dip -45	18	Az 90 Dip -45	30
		4	442	Az 0 Dip 0	120	Az 270 Dip -45	40	Az 90 Dip -45	100
	Cu	1	331	Az 0 Dip 0	12.5	Az 270 Dip -45	7.5	Az 90 Dip -45	15
		2	651	Az 0 Dip 0	25	Az 270 Dip -45	15	Az 90 Dip -45	30
		3	545	Az 0 Dip 0	50	Az 270 Dip -45	30	Az 90 Dip -45	60
		4	152	Az 0 Dip 0	120	Az 270 Dip -45	40	Az 90 Dip -45	100
	Ag	1	301	Az 0 Dip 0	15	Az 270 Dip -45	7.5	Az 90 Dip -45	10
		2	654	Az 0 Dip 0	30	Az 270 Dip -45	15	Az 90 Dip -45	20
		3	550	Az 0 Dip 0	60	Az 270 Dip -45	30	Az 90 Dip -45	40
		4	174	Az 0 Dip 0	120	Az 270 Dip -45	40	Az 90 Dip -45	100
	Au	1	306	Az 0 Dip 0	12	Az 270 Dip -45	10	Az 90 Dip -45	10
		2	720	Az 0 Dip 0	24	Az 270 Dip -45	20	Az 90 Dip -45	20
		3	571	Az 0 Dip 0	48	Az 270 Dip -45	40	Az 90 Dip -45	40
		4	82	Az 0 Dip 0	120	Az 270 Dip -45	40	Az 90 Dip -45	100

**Table 29: Summary of Search Parameters for Kriging Waste**

Zone	Variable	Pass	Number Est.	Dir.	Dist. (m)	Dir.	Dist. (m)	Dir.	Dist. (m)
Waste Blocks	Zn	1	159	Az 0 Dip 0	12.5	Az 270 Dip -45	5	Az 90 Dip -45	12.5
		2	404	Az 0 Dip 0	25	Az 270 Dip -45	10	Az 90 Dip -45	25
		3	373	Az 0 Dip 0	50	Az 270 Dip -45	20	Az 90 Dip -45	50
		4	134	Az 0 Dip 0	100	Az 270 Dip -45	40	Az 90 Dip -45	100
	Pb	1	77	Az 0 Dip 0	10	Az 270 Dip -45	3	Az 90 Dip -45	12.5
		2	308	Az 0 Dip 0	20	Az 270 Dip -45	6	Az 90 Dip -45	25
		3	458	Az 0 Dip 0	40	Az 270 Dip -45	12	Az 90 Dip -45	50
		4	227	Az 0 Dip 0	100	Az 270 Dip -45	40	Az 90 Dip -45	100
	Cu	1	63	Az 0 Dip 0	7.5	Az 270 Dip -45	3	Az 90 Dip -45	11.25
		2	224	Az 0 Dip 0	15	Az 270 Dip -45	6	Az 90 Dip -45	22.5
		3	478	Az 0 Dip 0	30	Az 270 Dip -45	12	Az 90 Dip -45	45
		4	305	Az 0 Dip 0	100	Az 270 Dip -45	40	Az 90 Dip -45	100
	Ag	1	66	Az 0 Dip 0	10	Az 270 Dip -45	3	Az 90 Dip -45	10
		2	280	Az 0 Dip 0	20	Az 270 Dip -45	6	Az 90 Dip -45	20
		3	454	Az 0 Dip 0	40	Az 270 Dip -45	12	Az 90 Dip -45	40
		4	270	Az 0 Dip 0	100	Az 270 Dip -45	40	Az 90 Dip -45	100
	Au	1	209	Az 0 Dip 0	12.5	Az 270 Dip -45	7.5	Az 90 Dip -45	11.25
		2	442	Az 0 Dip 0	25	Az 270 Dip -45	15	Az 90 Dip -45	22.5
		3	324	Az 0 Dip 0	50	Az 270 Dip -45	30	Az 90 Dip -45	45
		4	95	Az 0 Dip 0	100	Az 270 Dip -45	40	Az 90 Dip -45	100

## 14.8 Classification

Based on the described calculation methods, delineated mineralization of the Scotia Deposit is classified as an Inferred Mineral Resource according to National Instrument 43-101 and CIM (2014) guidelines:

The classification of the resource is a function of geologic and grade continuity. Geologic continuity is established by drill holes and surface mapping. Grade continuity can be quantified by geostatistics using the semi-variogram. The process of estimating the resource using different search ellipsoids tied to the semi-variogram range allows for the grade continuity to be used as a classification tool. Normally blocks would be classified as follows:

- Indicated – Blocks estimated in Pass 1 or 2 for Zn using a search ellipsoid with dimensions up to  $\frac{1}{2}$  the semi-variogram range; and
- Inferred – All other Blocks estimated.

Due to the lack of metallurgical recoveries and no specific gravity determinations being available, all blocks were classified as Inferred.

NSR cut-off values have been calculated using projected metal prices of \$1.00/lb Zn, \$2.75/lb Cu, \$1,200/oz Au, and \$18/oz Ag. The NSR calculation assumes underground mining and includes estimated concentrate transportation, smelter treatment, and refining charges. An NSR for Scotia would assume recoveries of 80% for Zn, 85% for Cu, 70% for Au, and 85% for Ag.

Block NSR values were determined as follows:

$$\text{NSR block} = \$11.02 \times \text{Zn\%} + \$43.34 \times \text{Cu\%} + \$42.64 \times \text{Au g/t} + \$0.41 \times \text{Ag g/t}$$

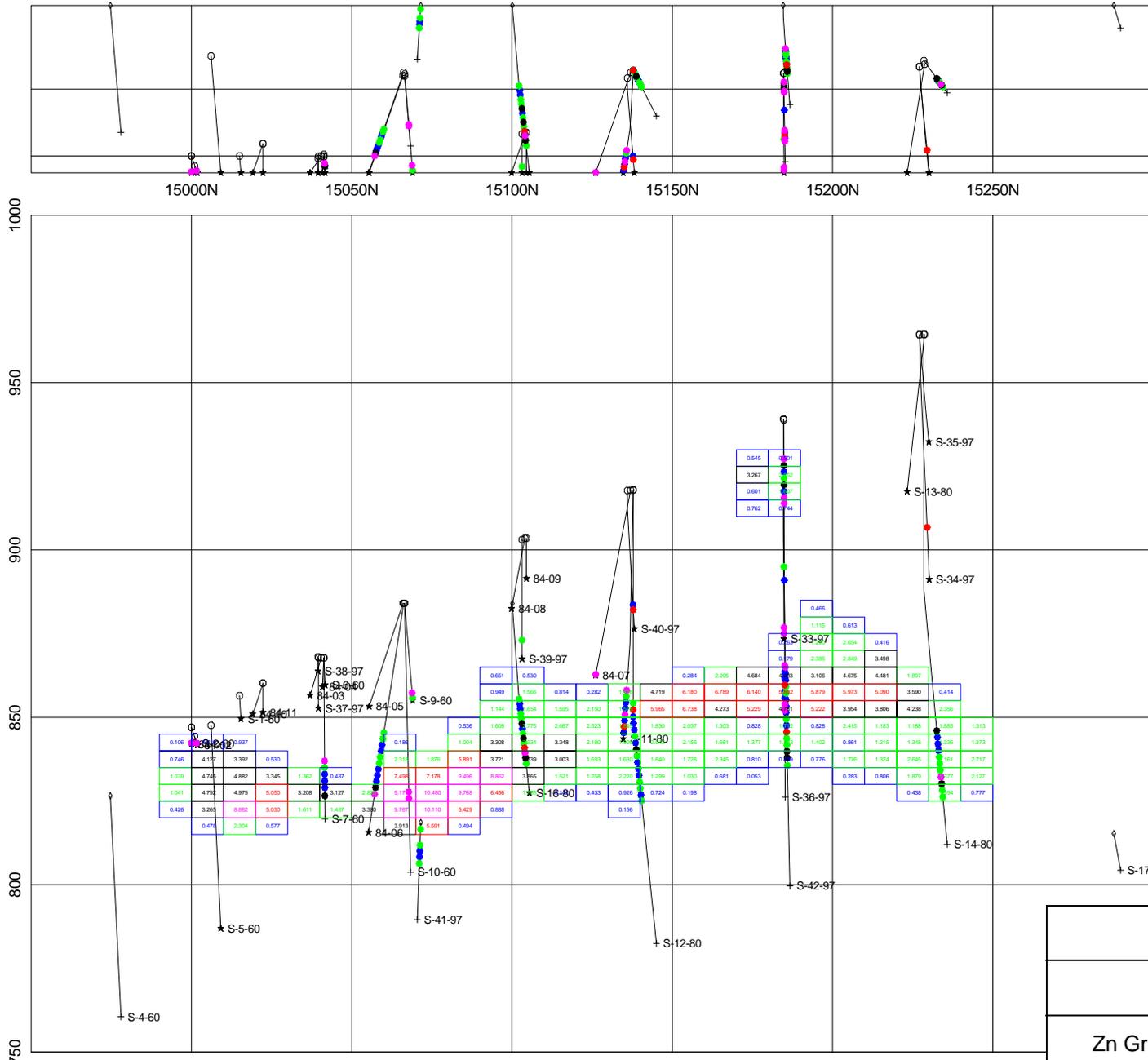
Table 30 shows the results confined to the mineralized solids with no external dilution considered. An NSR cut-off of \$75 has been highlighted as a possible cut-off for underground mining.

**Table 30: Scotia Inferred Resource - Within Mineralized Shell**

SCOTIA INFERRED RESOURCE - WITHIN MINERALIZED SHELL							
Cut-off (NSR US\$)	Tonnes > Cut-off (tonnes)	Grade > Cut-off					NSR (US\$)
		Zn (%)	Ag (g/t)	Cu (%)	Au (g/t)	Pb (%)	
50.00	852,000	6.75	17.84	0.11	0.24	0.68	96.54
55.00	798,000	6.96	18.29	0.11	0.25	0.70	99.52
60.00	754,000	7.13	18.64	0.11	0.26	0.71	101.96
65.00	712,000	7.30	18.99	0.11	0.26	0.72	104.29
70.00	671,000	7.45	19.37	0.11	0.27	0.73	106.55
<b>75.00</b>	<b>632,000</b>	<b>7.60</b>	<b>19.75</b>	<b>0.11</b>	<b>0.28</b>	<b>0.74</b>	<b>108.63</b>
80.00	574,000	7.85	20.01	0.11	0.28	0.75	111.77
85.00	511,000	8.13	20.38	0.12	0.29	0.75	115.35
90.00	463,000	8.36	20.76	0.12	0.29	0.76	118.26
95.00	411,000	8.61	21.08	0.12	0.30	0.77	121.53
100.00	358,000	8.90	21.26	0.12	0.31	0.77	125.03

The results are also presented as a series of grid north-south cross sections showing drill holes projected up to 25 meters on either side of sections, with both estimated blocks and drill hole composites within the mineralized zone color coded by zinc grade (Figures 27, 28, and 29). The cross-sections demonstrate the grade distribution and show the relationship between composites and estimated grades.

Neither the Vendor nor Issuer have carried out a preliminary economic assessment of the Scotia Property. Because of the low level of confidence applied to Mineral Resource estimates, the estimates do not have demonstrated economic viability.

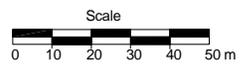


SCOTIA SECTION 4980 E

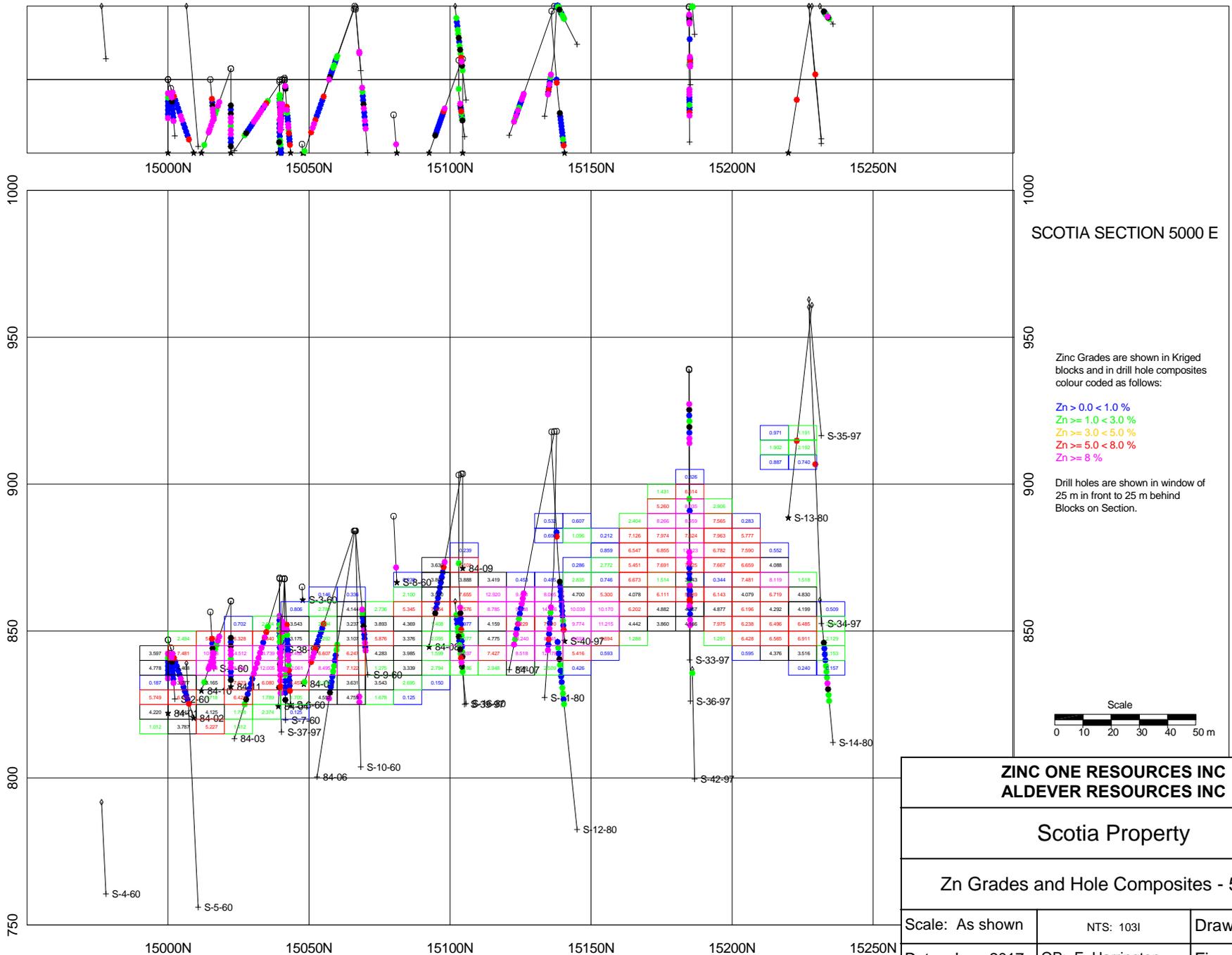
Zinc Grades are shown in Kriged blocks and in drill hole composites colour coded as follows:

- Zn > 0.0 < 1.0 %
- Zn >= 1.0 < 3.0 %
- Zn >= 3.0 < 5.0 %
- Zn >= 5.0 < 8.0 %
- Zn >= 8 %

Drill holes are shown in window of 25 m in front to 25 m behind Blocks on Section.



<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
<b>Zn Grades and Hole Composites - 4980E</b>		
Scale: As shown	NTS: 1031	Drawn by: GG
Date: June 2017	QP: E. Harrington	Figure: 27
<b>E. Harrington, B.Sc, P.Geo.</b>		



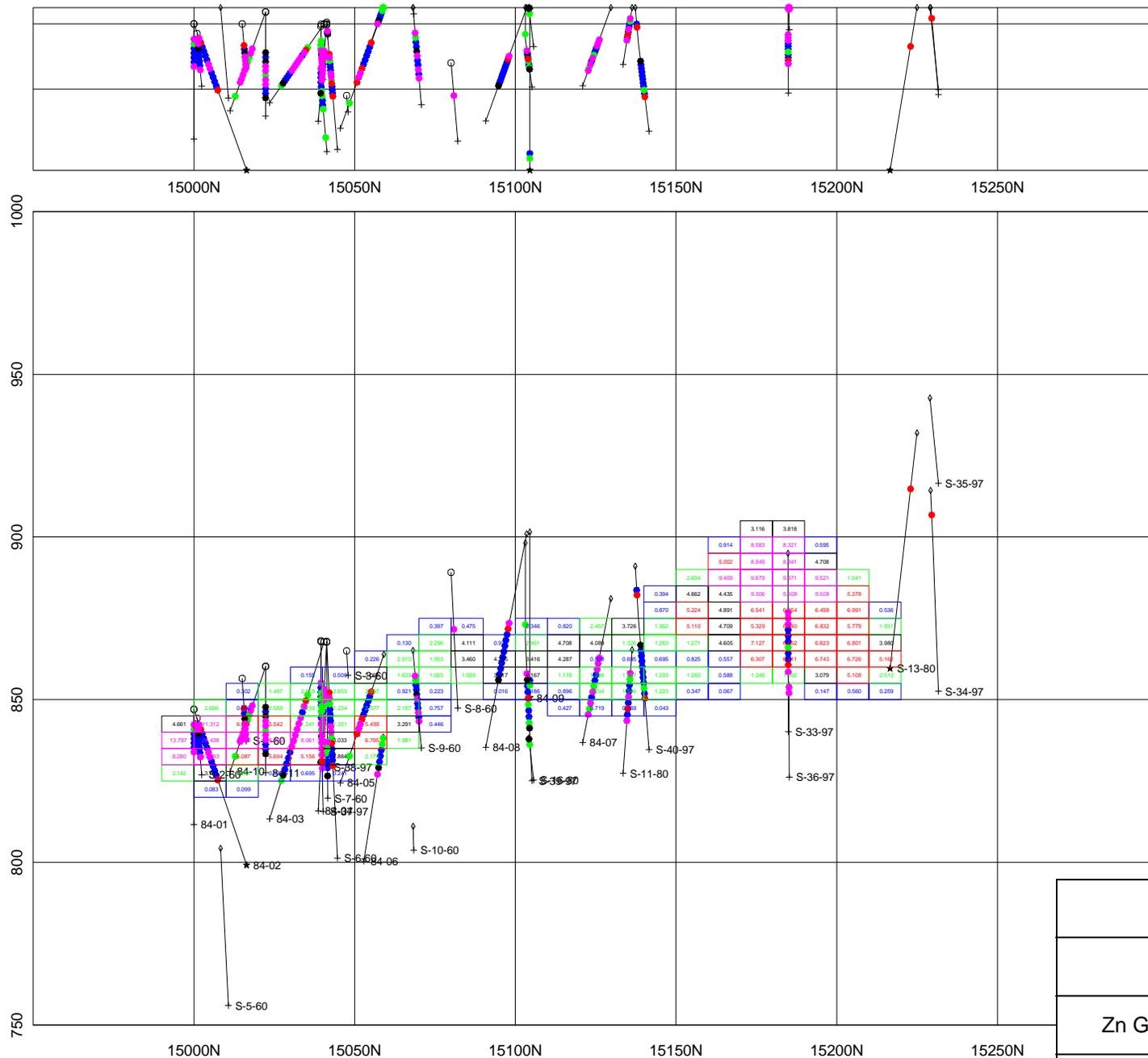
**ZINC ONE RESOURCES INC  
ALDEVER RESOURCES INC**

**Scotia Property**

**Zn Grades and Hole Composites - 5000E**

Scale: As shown	NTS: 1031	Drawn by: GG
Date: June 2017	QP: E. Harrington	Figure: 28

**E. Harrington, B.Sc, P.Geo.**

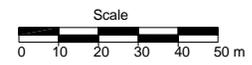


SCOTIA SECTION 5020 E

Zinc Grades are shown in Kriged blocks and in drill hole composites colour coded as follows:

- Zn > 0.0 < 1.0 %
- Zn >= 1.0 < 3.0 %
- Zn >= 3.0 < 5.0 %
- Zn >= 5.0 < 8.0 %
- Zn >= 8 %

Drill holes are shown in window of 25 m in front to 25 m behind Blocks on Section.



<b>ZINC ONE RESOURCES INC ALDEVER RESOURCES INC</b>		
<b>Scotia Property</b>		
<b>Zn Grades and Hole Composites - 5020E</b>		
Scale: As shown	NTS: 1031	Drawn by: GG
Date: June 2017	QP: E. Harrington	Figure: 29
<i>E. Harrington, B.Sc, P.Geo.</i>		

## **15.0 MINERAL RESERVE ESTIMATES**

No Mineral Reserve, as currently defined by Canadian Institute of Mining, Metallurgy and Petroleum (C.I.M.) terminology, has been outlined on the Property.

## **16.0 MINING METHODS**

Not applicable to this report.

## **17.0 RECOVERY METHODS**

Not applicable to this report.

## **18.0 PROJECT INFRASTRUCTURE**

Not applicable to this report.

## **19.0 MARKET STUDIES and CONTRACTS**

Not applicable to this report.

## **20.0 ENVIRONMENTAL STUDIES, PERMITTING, and SOCIAL or COMMUNITY IMPACT**

To the writers' knowledge, no engineering or environmental studies have been initiated regarding the extraction of the subject mineral resource. No project work permits have been applied for. No negotiations or agreements with local communities have been initiated.

## **21.0 CAPITAL and OPERATING COSTS**

Not applicable to this report.

## **22.0 ECONOMIC ANALYSIS**

Not applicable to this report.

## **23.0 ADJACENT PROPERTIES**

There are no properties adjacent to the Scotia Property relevant to this report.

## **24.0 OTHER RELEVANT DATA and INFORMATION**

No other relevant data and information is available on the Property.

## **25.0 INTERPRETATIONS and CONCLUSIONS**

### **25.1 Interpretations**

A number of work programs including geological mapping, rock and soil sampling, and diamond drilling have been conducted on the Scotia Property. The geological environment, alteration, structural setting, and metallogeny suggest that the Albere Zone comprises significant polymetallic volcanogenic massive sulfide mineralization, probably of Kuroko style. The geological model suggests that there may be a cluster of several deposits hosted on the Scotia Property, of which the Albere Zone is only one. Preliminary work on the East Limb Zone and the findings of the Aster study and airborne geophysical survey support this interpretation.

## 25.2 Conclusions

The following can be concluded from exploration work program results:

- High-grade polymetallic massive sulfide mineralization outcrops at the Albere Zone;
- Based on results from diamond drilling, the mineralized zone strikes 340°, has moderate varying dips to the southwest, and plunges 8° to the south;
- Drilling has established that the mineralized zone occurs over a strike length of approximately 205 meters, has a down-dip dimension of 95 meters, and has widths of up to 20 meters;
- Drilling suggests that the Albere Zone is open along strike to the northwest and down-dip to the southwest;
- Soil geochemistry shows mineralization may be present beyond the area drilled;
- Preliminary prospecting, mapping, and rock chip sampling show that an additional mineralized zone is present to the east of the Albere Zone on the east limb of a large anticline;
- A Remote Sensing Interpretation (ASTER) study shows that additional exploration targets are present elsewhere on the Property;
- An airborne geophysical Survey identified anomalies adjacent to the Albere Zone and elsewhere on the Property;
- A follow-up geochemical sampling program identified polymetallic geochemical anomalies associated with several of the geophysical anomalies; and
- A Resource Estimate conducted by Giroux Consultants Ltd has estimated an Inferred Mineral Resource for the Property to be 635,000 tonnes grading 7.60% Zn, 0.74% Pb, 0.11% Cu, 19.75 g/t Ag, and 0.28 g/t Au, using a NSR US\$75/tonne cut-off.

The 1997 Diamond Drill Program conducted on the Scotia Property met the objective of defining the partial extent of the Albere massive sulfide zone.

The 2005 drill core re-sampling program for selected drill intervals partially met project objectives. Verification re-sampling of the 1997 drill core returned drill intercepts within a range of acceptable variation and established the validity of the 1997 drill data.

The 2006 soil grid geochemical survey met project objectives and outlined anomalies for future exploration follow-up. The 2008 airborne geophysical survey identified several distinctive anomalies, some of which appear to be related to the Albere Zone mineralization and also encountered regional anomalies where no recorded historical work has been conducted.

The 2010 field exploration program consisted of a geochemical survey targeted on anomalies from the airborne survey that were similar to the anomaly generated by the Albere zone. Virtually all anomalies sampled returned geochemically anomalous or elevated values. No “ore grade” showings were found, but values of over 1,000 ppm zinc were returned from “in place” rock chip sampling.

In the writers’ opinions, the data density and reliability of historical work appears to have followed standard engineering practices of the time and the writers consider the historical data presented in this Technical Report to be valid and reliable. Future drill programs should collect as many specific gravity determinations as possible from both the massive sulfide and waste zones to better relate bulk density to grade.

Political uncertainty with local groups is a significant risk. While both Issuer and Vendor recognize that they will have to work closely with all local groups, such as First Nations, there is a risk that opposition could delay exploration and development of the Property. Continued dialogue with local groups will mitigate this risk.

## **26.0 RECOMMENDATIONS**

A two phase exploration program is recommended for the Scotia Property.

### Phase 1

The proposed work program would identify target areas on strike and adjacent to the historical drilling done at the Albere Zone and surrounding geophysical anomalies from the airborne survey. Fieldwork should consist of prospecting, geological mapping, and geochemical rock, moss mat, and soil sampling. The Phase 1 budget is estimated at approximately \$260,000.

### Phase 2

Phase 2 work is not contingent upon, but may be enhanced by Phase 1 results. There are suitable drill targets already defined by historical work programs, but Phase 1 work would help to identify drilling targets and possibly new areas of interest. Phase 2 work would consist of up to five drill holes averaging 200 meters in depth, approximately totaling 1,000 meters (3,280 feet). Phase 2 drilling is estimated to cost approximately \$1,500,000.

The proposed Phase 2 budget assumes that:

- Phase 2 drilling will be helicopter-supported, and has been budgeted for at a daily minimum cost of \$1,850/hr for 3 hours/day; and
- Total per day drill camp costs are estimated \$3,500/day for a crew of seven.

**Proposed Budgets: Phase 1 and Phase 2 Work**

**PROPOSED BUDGET, Phase 1 Exploration Program  
Scotia Property, British Columbia.**

ALL CAN\$

Project preparation	\$	10,000
Mobe/Demobe (incl freight, transportation and wages)		10,000
First Nations Consultation		20,000

<b>Field Crew:</b>	<u>Rate</u>	<u>Days</u>	<u>Totals</u>	
Project Geologist	\$ 800	18	\$ 14,400	
Geotechnicians x 3	1,950	18	\$ 35,100	
Prospector	800	18	<u>14,400</u>	63,900

<b>Field Costs:</b>				
Food & Accommodation	\$ 2,500	18	45,000	
Communications	250	18	4,500	
Shipping			5,000	
Supplies	500	18	9,000	
Vehicle Rental	200	4	800	
Other Rentals	250	18	<u>4,500</u>	68,800

<b>Assays &amp; Analyses:</b>	<u>Rate</u>	<u>Units</u>	
Rock Samples	\$ 55	150	8,250

<b>Contracts:</b>			
Helicopter	1,800	25 hr	45,000

<b>Report:</b>		
Technical report [NI 43-101]		6,000
Admin, incl Contractor Overhead and Profit (10%)		<u>23,195</u>

Total	\$	255,145
<b>Rounded up to</b>	<b>\$</b>	<b>260,000</b>

**PROPOSED BUDGET, Phase 2 Drilling Program  
Scotia Property, British Columbia**

ALL CAN\$

Project preparation			\$	25,000
Mobe/Demobe (incl freight, transportation and wages)				20,000
First Nations Consultation				10,000

<b>Field Crew:</b>	<u>Rate</u>	<u>Units</u>	<u>Totals</u>	
Project Geologist	\$ 800	45 days	36,000	
Geotechnician	650	45 days	29,250	65,250

<b>Field Costs:</b>				
Communications	\$ 250	45 days	11,250	
Shipping			10,000	
Supplies	500	45 days	22,500	
Weather days	2,500	6 days	15,000	
Helicopter support	5,550	45days	249,750	
Food and accommodation (\$3,500/day for 7 men)	3,500	45 days	157,500	
Other Rentals	250	45 days	11,250	477,250

<b>Assays &amp; Analyses:</b>	<u>Rate</u>	<u>Units</u>		
Core samples	\$ 55	300		16,500

<b>Contracts:</b>				
Permitting			20,000	
Reclamation			10,000	
Core drilling	\$ 200	3,280 ft	656,000	
Mobe, demobe, field cost			100,000	786,000

43-101-compliant report 11,200

Admin, incl Contractor Overhead and Profit (5%) 70,560

Total 1,481,760

**Rounded up to \$ 1,500,000**

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## GLOSSARY

### Conversion Factors

To Convert From	To	Multiply By
% U <sub>3</sub> O <sub>8</sub>	% U	0.848
% U	% U <sub>3</sub> O <sub>8</sub>	1.179
Feet	Meters	0.305
Meters	Feet	3.281
Miles	Kilometers ("km")	1.609
Kilometers	Miles	0.6214
Acres	Hectares ("ha")	0.405
Hectares	Acres	2.471
Grams	Ounces (Troy)	0.03215
Grams/Tonne	Ounces (Troy)/Short Ton	0.02917
Ounces (Troy)/Short Ton	Grams/tonne	34.2857
Tonnes (metric)	Short Tons	1.1023

**Alteration:** Any change in the mineralogical composition of a rock that is brought about by physical or chemical means.

**Anisotropy:** the property of being directionally dependent, which implies different properties in different directions, as opposed to isotropy

**Anomaly:** A geochemical or geophysical character deviating from regularity.

**Antiform:** Shaped like a dome.

**Arc Succession:** A succession of island groups having a curving, arc-like pattern. Most island arcs lie near the continental masses but, as they rise from the deep ocean floors, they are not a part of the continents proper.

**Azimuth:** A horizontal line indicating a directional bearing between 0° and 360°.

**Bimodal:** A mixed sequence of sub-equal amounts of felsic and mafic volcanic rocks, commonly rhyolite and basalt with little or no intermediate composition.

**Capping:** Capping or reducing high grades by lowering outlying values to a reasonable level.

**Coefficient of Variation:** A statistical measure of the dispersion of data points in a data series around the mean.

**Cumulative Frequency:** Used to determine the number of observations that lie above (or below) a particular value in a data set.

**Cumulative Probability:** A cumulative probability refers to the probability that the value of a random variable falls within a specified range.

**Differential Weathering:** Weathering that occurs at different rates, as a result of variations in composition, rock element resistance, or differences in intensity of weathering. Usually resulting in an uneven surface where more resistant material protrudes above softer or less resistant parts.

**Dilution:** The process of reducing the concentration of a material.

**Epiclastic:** Rock formed at the surface of the earth by consolidation of fragments of preexisting rocks.

**Exhalite:** Exhalites are stratiform beds or lenses of rock that are spatially associated with VMS deposits.

**Gangue:** Accessory minerals associated with ore in a vein.

**Kriging:** The geostatistical process of estimating values for locations that have not been sampled. Kriging uses a weighted average of neighboring samples to estimate the 'unknown' value at a given location. Weights are optimized using the semi-variogram model, the location of the samples, and all the relevant inter-relationships between known and unknown values.

**Lapilli:** Pieces of pyroclastic debris (volcanic eruptive fragments) about walnut size.

**Lateral Strike-slip Fault:** Displacement is in the strike direction of the fault.

**Leucocratic:** Light-colored igneous rocks relatively poor in dark mafic minerals.

**Melanocratic:** Applied to dark-colored rocks, especially igneous rocks, containing between 60% and 100% dark minerals.

**Mylonite:** A compact, chert-like rock without cleavage, but with a streaky or banded structure, produced by the extreme granulation and shearing of rocks.

**Ma:** Million years.

**Mean:** The mean is the average.

**Normal Fault:** A fault in which the hanging wall is lowered relative to the foot wall.

**Pluton:** Igneous rock formed beneath the surface by consolidation from magma.

**QA/QC:** The combination of quality assurance, the process or set of processes used to measure and assure the quality of a product, and quality control, the process of ensuring products and services meet required standards.

**Rake:** The inclination of anything from the vertical; said of mineral veins and faults.

**Schist:** Metamorphic rock dominated by fibrous or platy minerals.

**Semi-variance:** A measure of the spatial dependence between two observations as a function of the distance between them.

**Semi-variogram:** A graph of how semi-variance changes as the distance between observations changes.

**Standard Deviation:** In statistics, the standard deviation (SD, also represented by the Greek letter sigma  $\sigma$  or the Latin letter s) is a measure that is used to quantify the amount of variation or dispersion of a set of data values.

**Synform:** Shaped like a basin.

**Tholeiite:** A group of basalts primarily composed of plagioclase, pyroxene, and iron oxides occurring as phenocrysts in a glassy groundmass of quartz and alkali feldspar; with little or no olivine present.

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### **CERTIFICATE OF AUTHOR**

I, Edward D. Harrington, do hereby certify that:

1. I graduated with a B.Sc. degree in Geology from Acadia University, Wolfville, Nova Scotia in 1971.
2. I am a Member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia, License #23328.
3. I have pursued my career as a geologist for over forty years in Canada, the United States, the Sultanate of Oman, Argentina, Australia, Greenland, and Mexico. Relevant work experience includes numerous base metal exploration and drilling programs in Alaska, the Sultanate of Oman, Greenland, and Canada.
4. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association as defined in NI 43-101, and past relevant work experience, I fulfill the requirements to be a “qualified person”.
5. I am responsible for all but Section 14 Mineral Resource Estimates of the report titled “Technical Report on the Scotia Property, Skeena Mining District, British Columbia, Canada” and dated 18 September 2017 (the “Technical Report”). I carried out a property inspection on 18 June 2017. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.
6. I am independent of Zinc One Resources Inc (“Issuer”) and Aldever Resources Inc (“Vendor”), applying all of the tests in section 1.5 of National Instrument 43-101. I have had no previous involvement with the subject Property.

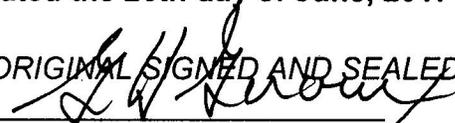


**I, G.H. Giroux, P.Eng. MASC, of Vancouver B.C., do hereby certify that:**

1. I, G.H. Giroux, of 982 Broadview Drive, North Vancouver, British Columbia, do hereby certify that:
2. I am a consulting geological engineer with an office 982 Broadview Dr. North Vancouver, British Columbia.
3. I am a graduate of the University of British Columbia in 1970 with a B.A. Sc. and in 1984 with a M.A. Sc., both in Geological Engineering.
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I have practiced my profession continuously since 1970. I have had over 40 years' experience estimating mineral resources. I have previously completed resource estimations on a wide variety of VMS deposits including Windy Craggy, HW, Wolverine and Palmer.
6. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, past relevant work experience and affiliation with a professional association (as defined in NI 43-101), I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
7. I am responsible for the preparation of Section 14 and relevant portions of Chapters 1 and 26 of the Technical Report titled "Technical Report on the Scotia Property, Scotia River Area, Skeena Mining Division" dated 26 June 2017 (the "Technical Report").
8. I have not visited the Property.
9. I have completed previous resource estimates on the Property that is the subject of the Technical Reports in 2009 and 2011.
10. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, the portions of the Technical Report for which I am responsible contain all scientific and technical information that is required to be disclosed to make the portions of the Technical Report for which I am responsible not misleading.
11. I am independent of the Issuer and Vendor applying all of the tests in Section 1.5 of NI 43-101.
12. I have read NI 43-101, and the portions of the Technical Report for which I am responsible have been prepared in compliance with NI 43-101.

**Dated the 26th day of June, 2017**

"ORIGINAL SIGNED AND SEALED"

  
Signature of Qualified Person  
**G. H. Giroux, P.Eng., MASC.**



Reliance Geological Services Inc.

**APPENDIX A**  
**Drilling Data**

**Drill Locations and Orientations**

Hole	Grid Location		UTM Location (NAD83)		Elevation (m)	Length (m)	Survey Depth	Az.	Dip
	Easting	Northing	Easting	Northing					
S-1-60	5000.0	15015.0	456360	5992465	856.5	23.8	collar	085	-54
S-2-60	5003.0	15001.0	456390	5992470	844.3	23.8	collar	065	-47
S-3-60	5022.0	15047.5	456395	5992525	865.0	9.1	collar	065	-56
S-4-60	4953.0	14974.5	456355	5992430	830.0	80.2	collar	085	-60
S-5-60	4970.1	15006.1	456360	5992465	847.6	105.8	collar	065	-60
S-6-60	5000.3	15041.3	456375	5992510	867.8	76.8	collar	065	-60
S-7-60	4999.5	15041.3	456375	5992510	867.8	48.3	collar	065	-85
S-8-60	5012.0	15080.0	456375	5992550	889.1	48.2	collar	065	-60
S-9-60	4976.1	15066.5	456330	5992540	884.1	69.2	collar	065	-45
S-10-60	4975.5	15066.5	456330	5992540	884.1	83.2	collar	065	-75
S-11-80	4975.2	15137.8	456320	5992590	918.0	98.2	collar	068	-70
							98.2	079	-65
S-12-80	4974.4	15137.8	456320	5992590	917.9	137.2	collar	068	-90
							137.2	042	-77
S-13-80	4972.6	15228.7	456280	5992630	964.4	139.0	collar	080	-55
							100.9	080	-55
S-14-80	4971.5	15228.5	456280	5992630	964.4	153.3	collar	080	-90
							152.4	033	-81
S-15-80	4948.3	15099.6	456310	5992545	890.6	130.1	collar	065	-90
							130.1	035	-84
S-16-80	4949.5	15099.6	456310	5992545	890.6	87.2	collar	065	-50
							87.2	063	-47
S-17-80	4852.0	15268.0	456160	5992620	988.0	215.5	collar	065	-60
							215.5	053	-57
S-18-81	4807.0	15208.0	456140	5992595	945.0	252.1	collar	065	-70
							121.9	056	-64
							242.9	053	-57
S-19-81	4728.0	14970.0	456150	5992345	795.0	268.2	collar	065	-65
							182.9	063	-53
S-20-81	4728.0	14970.0	456150	5992345	795.0	382.4	collar	025	-44
							234.7	025	-43
							350.5	047	-37
S-21-81	4400.0	15845.0	455150	5993100	920.0	201.5	collar	065	-65
							192.0	064	-59
84-01	5000.0	15000.0	456390	5992420	847.0	50.0	collar	070	-45
84-02	5000.0	15000.0	456390	5992470	847.0	81.1	collar	050	-45
84-03	5000.0	15040.5	456380	5992490	867.8	61.9	collar	105	-62
84-04	5000.0	15041.3	456375	5992510	867.8	60.0	collar	075	-60
84-05	4976.0	15066.0	456345	5992525	884.1	84.4	collar	090	-45
84-06	4975.0	15066.2	456345	5992525	884.1	92.4	collar	090	-65
84-07	4975.0	15137.0	456320	5992590	917.9	93.6	collar	090	-60
84-08	4993.6	15104.0	456350	5992570	903.5	78.3	collar	090	-60
							75.3	090	-61
84-09	4993.0	15104.5	456350	5992570	903.5	78.3	collar	070	-45
							75.3	070	-46
84-10	4996.3	15022.3	456380	5992490	860.2	45.7	collar	090	-45
							42.7	070	-45
84-11	4996.3	15022.3	456380	5992490	860.2	45.7	collar	070	-45
							42.7	070	-46
S-33-97	4975.3	15184.7	456305	5992640	939.2	109.2	collar	070	-66
							15.4	070	-66

Hole	Grid Location		UTM Location (NAD83)		Elevation (m)	Length (m)	Survey Depth	Az.	Dip
	Easting	Northing	Easting	Northing					
							106.8	070	-64
S-34-97	4973.2	15227.1	456280	5992545	964.3	121.9	collar	066	-66
							33.5	064	-67
							112.8	065	-67
S-35-97	4973.4	15227.1	456280	5992545	964.4	67.1	collar	070	-45
							61.0	064	-46
S-36-97	4975.2	15184.8	456305	5992640	938.9	115.8	collar	070	-77
							24.4	069	-77
							88.4	069	-77
S-37-97	5000.1	15039.6	456375	5992510	867.8	54.9	collar	070	-72
							51.8	066	-72
S-38-97	5000.7	15039.5	456375	5992510	868.1	54.9	collar	070	-45
							48.8	065	-46
S-39-97	4993.4	15103.1	456350	5992570	903.1	82.3	collar	070	-72
							73.2	062	-71
S-40-97	4976.7	15136.0	456320	5992590	917.8	100.6	collar	070	-56
							12.1	065	-56
							91.4	063	-56
S-41-97	4926.3	15072.4	456290	5992510	869.2	91.4	collar	070	-60
							67.1	074	-61
S-42-97	4950.9	15184.6	456280	5992625	935.7	140.2	collar	070	-77
							67.1	066	-76
							106.7	065	-76

## Drilling Assays

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-1-60	0.00	10.27	10.27		0.001	0.00	0.00	0.7	0.00
S-1-60	10.27	11.13	0.85		0.24	16.17	0.76	1.5	27.43
S-1-60	11.13	16.06	4.93		0.001	0.00	0.00	0.7	0.00
S-1-60	16.06	17.98	1.92		0.23	29.01	2.96	1.5	44.57
S-1-60	17.98	20.42	2.44		0.33	16.81	0.12	1.5	27.43
S-1-60	20.42	22.86	2.44		0.39	15.09	0.17	1.5	17.14
S-1-60	22.86	23.84	0.98		0.47	22.15	0.80	70.0	27.43
S-2-60	0.00	3.54	3.54		0.001	0.00	0.00	0.7	0.00
S-2-60	3.54	5.67	2.13		0.16	21.85	2.14	1.5	34.29
S-2-60	5.67	7.04	1.37		0.15	3.68	0.40	1.5	24.00
S-2-60	7.04	14.94	7.90		0.001	0.00	0.00	0.7	0.00
S-2-60	14.94	15.79	0.85		0.48	1.62	0.09	1.5	17.14
S-2-60	15.79	17.19	1.40		0.7	22.40	0.35	1.5	24.00
S-2-60	17.19	23.80	6.61		0.001	0.00	0.00	0.7	0.00
S-6-60	0.00	17.07	17.07		0.001	0.00	0.00	0.7	0.00
S-6-60	17.07	19.20	2.13		0.15	6.97	1.05	1.5	10.29
S-6-60	19.20	21.34	2.13		0.18	11.33	1.20	1.5	17.14
S-6-60	21.34	29.29	7.95		0.001	0.00	0.00	0.7	0.00
S-6-60	29.29	31.18	1.89		0.45	24.27	3.04	70.0	48.00
S-6-60	31.18	33.10	1.92		0.36	33.18	5.84	70.0	89.14
S-6-60	33.10	34.93	1.83		0.001	0.00	0.00	0.7	0.00
S-6-60	34.93	35.48	0.55		0.4	27.62	1.26	34.0	34.29
S-6-60	35.48	43.53	8.05		0.001	0.00	0.00	0.7	0.00
S-6-60	43.53	44.96	1.43		0.15	8.77	3.12	1.5	48.00
S-6-60	44.96	76.80	31.84		0.001	0.00	0.00	0.7	0.00
S-7-60	0.00	29.93	29.93		0.001	0.00	0.00	0.7	0.00
S-7-60	29.93	31.52	1.58		0.16	26.28	4.38	1.5	99.43
S-7-60	31.52	32.31	0.79		0.2	1.36	0.15	1.5	34.29
S-7-60	32.31	34.14	1.83		0.15	2.60	0.54	70.0	85.71
S-7-60	34.14	42.43	8.29		0.001	0.00	0.00	0.7	0.00
S-7-60	42.43	42.86	0.43		0.29	30.57	4.51	70.0	48.00
S-7-60	42.86	48.30	5.44		0.001	0.00	0.00	0.7	0.00
S-8-60	0.00	19.87	19.87		0.001	0.00	0.00	0.7	0.00
S-8-60	19.87	20.48	0.61		0.15	11.88	2.51	1.5	24.00
S-8-60	20.48	42.98	22.50		0.001	0.00	0.00	0.7	0.00
S-8-60	42.98	43.53	0.55		0.47	0.89	0.73	1.5	10.29
S-8-60	43.53	48.20	4.67		0.001	0.00	0.00	0.7	0.00
S-9-60	0.00	33.53	33.53		0.001	0.00	0.00	0.7	0.00
S-9-60	33.53	34.44	0.91		0.42	0.00	0.00	1.5	6.86
S-9-60	34.44	36.88	2.44		0.001	0.00	0.00	0.7	0.00
S-9-60	36.88	37.43	0.55		0.38	34.59	4.33	150.0	37.71
S-9-60	37.43	38.65	1.22		0.001	0.00	0.00	0.7	0.00
S-9-60	38.65	39.08	0.43		0.2	19.65	5.73	1.5	34.29
S-9-60	39.08	44.96	5.88		0.001	0.00	0.00	0.7	0.00
S-9-60	44.96	45.84	0.88		0.19	7.49	2.96	1.5	20.57
S-9-60	45.84	46.97	1.13		0.001	0.00	0.00	0.7	0.00
S-9-60	46.97	48.34	1.37		0.18	25.05	1.03	1.5	20.57
S-9-60	48.34	53.07	4.73		0.001	0.00	0.00	0.7	0.00
S-9-60	53.07	53.83	0.76		0.44	31.21	1.59	1.5	24.00
S-9-60	53.83	55.66	1.83		0.13	0.54	1.47	1.5	10.29
S-9-60	55.66	56.24	0.58		0.001	0.00	0.00	0.7	0.00

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-9-60	56.24	56.91	0.67		0.3	1.13	3.61	70.0	48.00
S-9-60	56.91	58.37	1.46		0.18	11.64	1.32	70.0	17.14
S-10-60	0.00	57.36	57.36		0.001	0.00	0.00	0.7	0.00
S-10-60	57.36	59.13	1.77		0.08	26.75	3.64	140.0	30.86
S-10-60	59.13	59.83	0.70		0.35	37.29	4.31	1.5	44.57
S-10-60	59.83	61.36	1.52		0.1	3.75	0.12	1.5	3.43
S-10-60	61.36	83.20	21.84		0.001	0.00	0.00	0.7	0.00
S-11-80	0.00	62.50	62.50		0.001	0.00	0.00	0.7	0.00
S-11-80	62.50	63.30	0.80	16001	0.08	0.29	0.06	1.5	1.40
S-11-80	63.30	63.90	0.60	16002	0.13	49.47	0.57	200.0	19.20
S-11-80	63.90	64.40	0.50	16003	0.07	0.50	0.59	100.0	5.50
S-11-80	64.40	65.40	1.00	16004	0.35	31.15	1.33	200.0	25.70
S-11-80	65.40	66.00	0.60	16005	0.06	0.97	0.22	1.5	2.70
S-11-80	66.00	67.00	1.00	16006	0.02	0.17	0.12	300.0	3.40
S-11-80	70.00	71.40	1.40	16007	0.03	0.05	0.11	200.0	3.80
S-11-80	71.40	72.20	0.80	16008	0.2	33.49	2.75	100.0	30.50
S-11-80	72.20	73.50	1.30	16009	0.04	0.13	0.51	1.5	3.10
S-11-80	73.50	74.50	1.00	16010	0.01	0.10	0.07	1.5	1.40
S-11-80	74.50	76.10	1.60	16011	0.03	0.32	0.31	200.0	12.70
S-11-80	76.10	76.70	0.60	16012	0.09	24.38	8.15	400.0	153.30
S-11-80	76.70	78.00	1.30	16013	0.04	0.60	0.12	100.0	3.80
S-11-80	78.00	79.30	1.30	16014	0.07	0.24	0.48	100.0	2.70
S-11-80	79.30	80.30	1.00	16015	0.12	40.41	1.06	200.0	18.50
S-11-80	80.30	81.40	1.10	16016	0.19	31.97	5.05	100.0	19.90
S-11-80	81.40	82.00	0.60	16017	0.04	0.68	0.24	100.0	3.10
S-11-80	82.00	83.00	1.00	16018	0.03	0.11	0.07	200.0	9.90
S-12-80	57.00	58.00	1.00	16019	0.2	0.27	0.02	100.0	1.40
S-12-80	58.00	59.00	1.00	16020	0.1	0.06	0.12	100.0	1.40
S-12-80	59.00	60.00	1.00	16021	0.06	0.10	0.07	100.0	2.40
S-12-80	60.00	61.00	1.00	16022	0.1	0.09	0.08	100.0	2.40
S-12-80	61.00	62.70	1.70	16023	0.19	0.49	0.17	100.0	3.20
S-12-80	62.70	63.50	0.80	16024	0.12	2.47	0.15	200.0	8.60
S-12-80	63.50	64.60	1.10	16025	0.16	1.68	0.14	100.0	10.60
S-12-80	64.60	65.40	0.80	16026	0.02	11.30	0.10	200.0	5.50
S-12-80	65.40	67.20	1.80	16027	0.13	2.24	0.28	300.0	23.30
S-12-80	67.20	68.80	1.60	16028	0.13	0.15	0.10	100.0	5.10
S-12-80	68.80	69.60	0.80	16029	0.04	0.09	0.08	1.5	2.70
S-12-80	69.60	71.30	1.70	16030	0.07	0.04	0.10	100.0	5.80
S-12-80	71.30	72.70	1.40	16031	0.03	0.20	0.10	1.5	3.80
S-12-80	72.70	74.50	1.80	16032	0.07	1.68	0.26	100.0	14.10
S-12-80	74.50	76.00	1.50	16033	0.03	0.47	0.05	1.5	1.70
S-12-80	76.00	77.30	1.30	16034	0.11	0.86	0.22	300.0	14.70
S-12-80	77.30	77.80	0.50	16035	0.14	18.02	0.33	100.0	12.70
S-12-80	77.80	78.60	0.80	16036	0.29	0.29	0.06	100.0	10.30
S-12-80	78.60	79.30	0.70	16037	0.76	1.62	0.38	200.0	30.50
S-12-80	79.30	80.40	1.10	16038	0.25	2.28	0.30	100.0	11.70
S-12-80	80.40	82.00	1.60	16039	0.32	1.06	0.13	1.5	9.50
S-12-80	82.00	84.00	2.00	16040	0.13	0.75	0.11	1.5	3.40
S-12-80	84.00	86.00	2.00	16041	0.01	0.68	0.05	1.5	2.10
S-12-80	86.00	88.00	2.00	16042	0.02	1.15	0.07	1.5	5.80
S-12-80	88.00	90.00	2.00	16043	0.01	1.80	0.10	1.5	2.40
S-12-80	90.00	91.20	1.20	16044	0.05	2.55	0.16	100.0	4.10
S-12-80	91.20	91.90	0.70	16045	0.03	0.17	0.06	1.5	3.80

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-12-80	91.90	93.00	1.10	16046	0.04	0.11	0.05	1.5	2.10
S-12-80	93.00	94.10	1.10	16047	0.18	1.54	0.09	100.0	6.20
S-12-80	94.10	96.60	2.50	16048	0.22	0.29	0.16	100.0	16.50
S-12-80	96.60	98.00	1.40	16049	0.01	0.02	0.00	200.0	0.70
S-13-80	58.00	59.20	1.20	16070	0.03	0.17	0.09	1.5	0.00
S-13-80	59.20	60.00	0.80	16071	0.36	4.75	0.86	700.0	33.30
S-13-80	60.00	61.00	1.00	16072	0.26	7.10	1.18	600.0	25.00
S-13-80	61.00	62.00	1.00	16073	0.36	10.10	0.90	300.0	31.20
S-13-80	62.00	63.00	1.00	16074	0.04	0.09	0.08	1.5	0.70
S-13-80	77.50	78.70	1.20	16075	0.001	0.20	0.00	1.5	0.70
S-14-80	116.00	116.90	0.90	16051	0.01	0.02	0.01	1.5	0.00
S-14-80	116.90	117.90	1.00	16052	0.14	0.81	0.08	100.0	1.00
S-14-80	117.90	119.30	1.40	16053	0.06	4.78	0.07	100.0	1.70
S-14-80	119.30	122.20	2.90	16054	0.16	0.06	0.04	100.0	0.70
S-14-80	122.20	122.90	0.70	16055	0.12	0.03	0.80	1.5	42.90
S-14-80	122.90	124.10	1.20	16056	0.01	0.04	0.22	1.5	2.70
S-14-80	124.10	125.30	1.20	16057	0.11	0.07	0.20	1.5	5.90
S-14-80	125.30	127.30	2.00	16058	0.09	2.05	0.22	1.5	5.20
S-14-80	127.30	129.00	1.70	16059	0.1	0.97	0.18	1.5	2.10
S-14-80	129.00	130.50	1.50	16060	0.12	1.65	0.43	1.5	7.50
S-14-80	130.50	132.10	1.60	16061	0.02	2.05	0.08	1.5	3.40
S-14-80	132.10	132.80	0.70	16062	0.17	24.40	0.06	200.0	25.70
S-14-80	132.80	134.00	1.20	16063	0.03	3.15	0.58	200.0	11.70
S-14-80	134.00	135.50	1.50	16064	0.03	5.00	0.10	1.5	2.10
S-14-80	135.50	137.00	1.50	16065	0.07	3.42	0.10	1.5	1.70
S-14-80	137.00	138.50	1.50	16066	0.08	1.88	0.13	1.5	3.10
S-14-80	138.50	140.00	1.50	16067	0.08	1.25	0.11	1.5	1.40
S-14-80	140.00	143.40	3.40	16068	0.15	0.83	0.13	1.5	6.50
S-15-80	19.00	22.00	3.00	16101	0.02	0.19	0.02	100.0	2.70
S-15-80	22.00	25.00	3.00	16102	0.03	0.58	0.04	100.0	4.80
S-15-80	25.00	28.00	3.00	16103	0.01	0.06	0.01	100.0	1.70
S-15-80	28.00	31.00	3.00	16104	0.01	0.66	0.11	500.0	11.30
S-15-80	31.00	34.00	3.00	16105	0.01	0.14	0.02	100.0	3.10
S-15-80	34.00	37.00	3.00	16106	0.02	0.40	0.03	100.0	2.10
S-15-80	37.00	40.00	3.00	16107	0.04	0.41	0.02	100.0	6.20
S-15-80	40.00	43.00	3.00	16108	0.03	0.24	0.02	100.0	6.20
S-15-80	43.00	46.00	3.00	16109	0.01	0.09	0.01	1.5	2.10
S-15-80	46.00	49.00	3.00	16110	0.001	0.08	0.00	1.5	3.10
S-15-80	49.00	52.00	3.00	16111	0.01	0.04	0.01	1.5	2.40
S-15-80	52.00	55.00	3.00	16112	0.01	0.03	0.01	1.5	0.00
S-15-80	55.00	58.00	3.00	16113	0.001	0.04	0.01	1.5	3.80
S-15-80	58.00	61.00	3.00	16114	0.01	0.06	0.00	1.5	2.70
S-15-80	61.00	64.00	3.00	16115	0.01	0.24	0.00	1.5	2.10
S-15-80	64.00	67.00	3.00	16116	0.01	0.16	0.02	100.0	3.80
S-15-80	67.00	70.00	3.00	16117	0.03	0.78	0.02	1.5	2.40
S-15-80	70.00	73.00	3.00	16118	0.01	0.33	0.03	100.0	2.40
S-15-80	73.00	76.00	3.00	16119	0.01	0.10	0.04	100.0	2.10
S-15-80	76.00	79.00	3.00	16120	0.001	0.02	0.01	1.5	1.70
S-15-80	79.00	82.00	3.00	16121	0.001	0.01	0.00	1.5	1.40
S-15-80	82.00	85.00	3.00	16122	0.01	0.02	0.01	1.5	1.40
S-15-80	85.00	88.00	3.00	16123	0.02	0.13	0.04	1.5	2.10
S-15-80	88.00	91.00	3.00	16124	0.01	0.07	0.03	100.0	3.10
S-15-80	91.00	94.00	3.00	16125	0.03	0.50	0.23	100.0	10.00

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-15-80	94.00	94.50	0.50	1568	0.13	0.06	0.08	100.0	32.20
S-15-80	94.50	97.00	2.50	1569	0.001	0.02	0.00	1.5	3.10
S-15-80	99.30	100.00	0.70	1570	0.001	0.01	0.00	1.5	6.90
S-15-80	100.00	103.00	3.00	1571	0.001	0.01	0.00	1.5	0.70
S-15-80	103.00	106.00	3.00	1572	0.001	1.01	0.00	1.5	3.10
S-15-80	106.00	109.00	3.00	1573	0.001	0.01	0.00	1.5	0.70
S-15-80	109.00	112.00	3.00	1574	0.001	0.01	0.00	1.5	0.70
S-15-80	112.00	115.00	3.00	1575	0.001	0.00	0.00	1.5	1.40
S-15-80	115.00	118.00	3.00	1312	0.001	0.01	0.00	100.0	0.70
S-15-80	118.00	121.00	3.00	1313	0.001	0.01	0.00	100.0	6.20
S-16-80	18.00	21.00	3.00	1314	0.02	0.36	0.08	200.0	4.80
S-16-80	21.00	24.00	3.00	1315	0.02	0.35	0.03	100.0	3.10
S-16-80	24.00	27.00	3.00	1316	0.05	0.68	0.03	500.0	9.60
S-16-80	27.00	30.00	3.00	1317	0.01	0.16	0.02	1.5	16.50
S-16-80	30.00	33.00	3.00	1318	0.02	0.20	0.00	1.5	0.10
S-16-80	33.00	36.00	3.00	1319	0.02	0.03	0.00	100.0	5.20
S-16-80	36.00	39.00	3.00	1320	0.001	0.02	0.00	100.0	0.70
S-16-80	39.00	42.00	3.00	1321	0.05	0.12	0.03	300.0	5.10
S-16-80	42.00	45.00	3.00	1322	0.02	0.83	0.02	100.0	1.40
S-16-80	45.00	48.00	3.00	S-16-1	0.04	1.20	0.02	1.5	3.80
S-16-80	48.00	51.00	3.00	S-16-2	0.07	0.04	0.03	1.5	5.20
S-16-80	51.00	54.00	3.00	S-16-3	0.1	1.45	0.31	100.0	12.30
S-16-80	54.00	57.00	3.00	S-16-4	0.14	3.05	0.39	100.0	17.80
S-16-80	57.00	60.00	3.00	S-16-5	0.04	0.78	0.04	1.5	1.70
S-16-80	60.00	63.00	3.00	S-16-6	0.07	4.35	0.02	100.0	8.20
S-16-80	63.00	66.50	3.50	S-16-7	0.08	1.38	0.15	100.0	4.80
S-16-80	66.50	68.50	2.00	S-16-8	0.08	18.70	1.07	300.0	22.50
S-16-80	68.50	69.00	0.50	S-16-10	0.33	0.40	1.56	500.0	33.30
S-16-80	69.00	71.50	2.50	S-16-11	0.21	4.23	1.03	200.0	19.50
S-16-80	71.50	73.70	2.20	S-16-12	0.31	1.26	2.65	300.0	41.10
S-16-80	73.70	75.00	1.30	S-16-13	0.17	0.04	0.11	100.0	4.50
S-17-80	149.00	150.00	1.00	16126	0.03	0.15	0.00	100.0	3.60
S-17-80	150.00	153.00	3.00	16127	0.01	0.02	0.00	1.5	1.20
S-17-80	153.00	156.00	3.00	16128	0.02	0.05	0.01	1.5	2.00
S-17-80	156.00	159.00	3.00	16129	0.001	0.06	0.01	1.5	0.20
S-17-80	159.00	162.00	3.00	16130	0.001	0.01	0.00	1.5	0.20
S-17-80	162.00	165.00	3.00	16131	0.01	0.08	0.01	1.5	1.20
S-17-80	165.00	168.00	3.00	16132	0.03	0.65	0.01	100.0	3.20
S-17-80	168.00	171.00	3.00	16133	0.01	0.18	0.01	1.5	1.00
S-17-80	171.00	174.00	3.00	16134	0.01	0.09	0.01	1.5	1.80
S-17-80	174.00	177.00	3.00	16135	0.01	0.07	0.00	1.5	1.20
S-17-80	177.00	180.00	3.00	16136	0.001	0.25	0.00	1.5	0.80
S-17-80	180.00	183.00	3.00	16137	0.01	0.58	0.00	100.0	2.10
S-17-80	183.00	186.00	3.00	16138	0.01	0.06	0.01	1.5	1.60
S-17-80	186.00	189.00	3.00	16139	0.01	0.02	0.00	1.5	0.60
S-17-80	189.00	192.00	3.00	16140	0.02	0.02	0.00	1.5	2.00
S-17-80	192.00	195.00	3.00	16141	0.04	0.02	0.00	100.0	3.20
S-17-80	195.00	198.00	3.00	16142	0.05	0.03	0.02	100.0	4.00
S-17-80	198.00	201.00	3.00	16143	0.02	0.05	0.01	1.5	2.50
S-17-80	201.00	203.80	2.80	16144	0.03	0.72	0.04	100.0	4.80
S-18-81	156.70	160.00	3.30	61001	0.001	0.01	0.00	70.0	0.20
S-18-81	160.00	163.00	3.00	61002	0.01	0.06	0.00	30.0	0.60
S-18-81	163.00	166.00	3.00	61003	0.001	0.02	0.00	20.0	0.40

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-18-81	166.00	169.00	3.00	61004	0.001	0.01	0.00	5.0	0.20
S-18-81	169.00	171.00	2.00	61005	0.01	0.02	0.00	10.0	0.20
S-18-81	188.00	190.00	2.00	61006	0.01	0.08	0.00	30.0	1.40
S-18-81	190.00	193.00	3.00	61007	0.01	0.02	0.00	25.0	1.30
S-18-81	193.00	196.00	3.00	61008	0.02	0.94	0.00	90.0	7.60
S-18-81	196.00	199.00	3.00	61009	0.01	0.36	0.00	30.0	2.50
S-18-81	199.00	202.00	3.00	61010	0.01	0.03	0.00	30.0	1.80
S-18-81	202.00	205.00	3.00	61011	0.01	0.02	0.00	30.0	5.20
S-18-81	209.00	211.00	2.00	61012	0.05	0.74	0.01	55.0	3.20
S-19-81	156.70	160.00	3.30	61013	0.001	0.03	0.00	15.0	0.40
S-19-81	160.00	163.50	3.50	61014	0.001	0.01	0.00	15.0	0.60
S-19-81	163.50	166.00	2.50	61015	0.001	0.01	0.00	10.0	0.20
S-19-81	166.00	169.40	3.40	61016	0.001	0.01	0.00	10.0	0.20
S-19-81	169.40	173.00	3.60	61017	0.001	0.01	0.00	5.0	0.20
S-19-81	173.00	176.00	3.00	61018	0.001	0.01	0.00	5.0	0.20
S-19-81	176.00	179.00	3.00	61019	0.001	0.01	0.00	10.0	0.20
S-19-81	179.00	182.00	3.00	61020	0.001	0.01	0.00	10.0	0.20
S-19-81	182.00	184.20	2.20	61021	0.001	0.01	0.00	5.0	0.20
S-20-81	43.90	46.00	2.10	61022	0.001	0.01	0.00	1.5	0.20
S-20-81	46.00	47.00	1.00	61023	0.001	0.00	0.00	1.5	0.20
S-20-81	48.10	50.40	2.30	61024	0.001	0.02	0.00	1.5	0.20
S-20-81	51.20	52.90	1.70	61025	0.001	0.01	0.00	1.5	0.20
S-20-81	54.20	57.00	2.80	61026	0.001	0.00	0.00	1.5	0.20
S-20-81	57.00	60.00	3.00	61027	0.001	0.00	0.00	1.5	0.20
S-20-81	60.00	63.10	3.10	61028	0.001	0.00	0.00	1.5	0.00
S-20-81	118.10	119.40	1.30	61029	0.04	0.02	0.00	1.5	0.20
S-20-81	141.10	144.00	2.90	61030	0.001	0.01	0.00	1.5	0.20
S-20-81	147.00	150.00	3.00	61031	0.01	0.02	0.00	1.5	0.60
S-20-81	150.00	153.00	3.00	61032	0.01	0.02	0.00	1.5	0.70
S-20-81	153.00	156.00	3.00	61033	0.01	0.02	0.00	1.5	0.20
S-20-81	156.00	159.00	3.00	61034	0.01	0.01	0.00	1.5	0.20
S-20-81	159.00	161.20	2.20	61035	0.01	0.00	0.00	1.5	0.20
S-20-81	170.90	173.60	2.70	61036	0.001	0.04	0.00	1.5	0.50
S-20-81	174.50	177.50	3.00	61037	0.001	0.02	0.00	1.5	0.50
S-20-81	177.50	180.00	2.50	61038	0.001	0.01	0.00	1.5	0.40
S-20-81	180.00	183.00	3.00	61039	0.001	0.04	0.00	1.5	1.00
S-20-81	183.00	186.00	3.00	61040	0.001	0.07	0.00	1.5	0.80
S-20-81	186.00	189.00	3.00	61041	0.03	0.39	0.02	1.5	2.60
S-20-81	189.00	190.40	1.40	61042	0.04	1.04	0.13	1.5	4.40
S-21-81	161.00	164.00	3.00	61053	0.001	0.02	0.00	10.0	0.20
S-21-81	164.00	167.00	3.00	61054	0.01	0.07	0.00	25.0	0.80
S-21-81	167.00	170.00	3.00	61055	0.02	0.20	0.01	30.0	1.20
S-21-81	170.00	173.00	3.00	61056	0.03	0.15	0.07	55.0	2.00
S-21-81	173.00	176.00	3.00	61057	0.02	0.18	0.07	55.0	2.00
84-01	4.36	5.64	1.28	3404	0.001	0.28	0.28	136.0	8.23
84-01	5.64	7.83	2.19	3405	0.001	11.25	1.85	1020.0	23.66
84-01	7.83	9.14	1.31	3406	0.001	2.00	0.56	1088.0	33.94
84-01	9.14	10.36	1.22	3407	0.001	0.59	0.29	408.0	11.31
84-01	10.36	11.58	1.22	3408	0.001	0.55	0.11	1.5	3.43
84-01	17.07	18.17	1.10	3409	0.001	1.53	0.21	136.0	10.97
84-01	18.17	19.45	1.28	3410	0.001	20.81	0.34	204.0	39.77
84-02	4.91	5.67	0.76	3411	0.001	0.15	0.20	476.0	18.51
84-02	5.67	6.43	0.76	3412	0.001	34.18	4.61	680.0	42.51

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
84-02	6.92	8.47	1.55	3413	0.001	15.25	1.69	544.0	27.43
84-02	17.62	19.48	1.86	3414	0.001	10.87	0.23	136.0	6.17
84-02	19.48	20.85	1.37	3415	0.001	38.85	0.79	340.0	24.00
84-02	31.30	31.67	0.37	3416	0.001	38.83	0.09	136.0	0.69
84-03	17.68	18.90	1.22	3417	0.001	2.58	0.74	272.0	17.14
84-03	18.90	20.67	1.77	3418	0.001	0.74	1.29	476.0	21.26
84-03	20.67	23.16	2.49	3419	0.001	13.11	1.91	340.0	30.17
84-03	23.16	23.74	0.58	3420	0.001	9.25	4.42	544.0	64.46
84-03	25.73	27.68	1.95	3421	0.001	20.91	0.71	408.0	33.60
84-03	27.68	29.20	1.52	3422	0.001	17.29	1.65	476.0	40.46
84-03	29.20	30.54	1.34	3423	0.001	29.01	2.06	136.0	69.94
84-03	30.54	32.06	1.52	3424	0.001	13.70	0.29	3.0	21.94
84-03	32.06	33.50	1.44	3425	0.001	40.44	0.06	612.0	14.40
84-03	33.50	34.93	1.43	3426	0.001	42.77	0.32	340.0	19.20
84-03	34.93	36.24	1.31	3427	0.001	23.84	0.97	544.0	32.23
84-03	36.24	36.88	0.64	3428	0.001	19.77	2.06	272.0	33.60
84-03	47.18	47.73	0.55	3429	0.001	17.24	1.44	136.0	23.31
84-03	47.73	49.41	1.68	3430	0.001	1.62	0.56	408.0	21.94
84-03	49.41	51.42	2.01	4951	0.001	0.85	0.05	68.0	0.69
84-04	15.82	17.37	1.55	3431	0.001	10.96	0.75	272.0	28.11
84-04	17.37	18.93	1.56	3432	0.001	9.54	1.20	476.0	26.74
84-04	18.93	20.06	1.13	3433	0.001	32.64	0.23	340.0	27.43
84-04	26.24	27.71	1.47	3434	0.001	17.67	4.53	748.0	39.77
84-04	27.71	29.08	1.37	3435	0.001	23.70	3.70	748.0	48.00
84-04	29.08	31.03	1.95	3436	0.001	19.77	1.19	612.0	29.49
84-04	31.73	33.59	1.86	3437	0.001	20.47	3.21	340.0	74.74
84-04	33.59	35.11	1.52	3438	0.001	33.28	3.40	680.0	50.06
84-04	35.11	35.57	0.46	3439	0.001	13.02	0.42	544.0	6.17
84-04	41.76	43.74	1.98	3440	0.001	3.56	1.19	204.0	28.80
84-05	39.99	41.76	1.77	3441	0.001	0.04	0.10	1.5	5.83
84-05	41.76	42.58	0.82	3442	0.001	0.02	0.06	1.5	6.86
84-05	42.58	43.80	1.22	3443	0.001	0.04	0.11	136.0	14.40
84-05	43.80	45.56	1.76	3444	0.001	8.11	1.07	204.0	36.34
84-05	57.24	58.19	0.95	3445	0.001	19.27	3.21	646.0	42.51
84-05	58.19	59.59	1.40	3446	0.001	27.42	1.57	612.0	21.26
84-05	59.59	60.96	1.37	3447	0.001	20.86	2.40	306.0	32.91
84-05	60.96	62.00	1.04	3448	0.001	15.98	5.64	102.0	72.00
84-05	63.64	64.47	0.83	3449	0.001	20.27	5.82	204.0	55.54
84-05	71.35	72.02	0.67	4651	0.001	3.60	0.79	1.5	17.83
84-05	73.55	74.16	0.61	4652	0.001	1.98	0.43	68.0	20.57
84-06	41.73	43.62	1.89	4653	0.001	2.40	1.19	612.0	40.46
84-06	43.62	45.05	1.43	4654	0.001	3.22	2.50	1156.0	95.31
84-06	45.05	46.51	1.46	4655	0.001	0.43	0.41	544.0	87.77
84-06	46.51	48.31	1.80	4656	0.001	0.51	0.23	136.0	19.20
84-06	48.31	49.26	0.95	4657	0.001	0.16	0.23	136.0	27.43
84-06	49.87	51.76	1.89	4658	0.001	2.20	0.24	136.0	12.34
84-06	51.76	53.61	1.85	4659	0.001	1.41	1.65	1700.0	76.11
84-06	58.37	59.80	1.43	4660	0.001	0.51	0.37	340.0	12.34
84-06	59.80	61.48	1.68	4661	0.001	1.15	0.10	1.5	4.80
84-06	61.48	62.70	1.22	4662	0.001	16.66	0.17	1.5	11.66
84-06	62.70	64.13	1.43	4663	0.001	25.39	2.41	68.0	30.86
84-06	64.13	65.71	1.58	4664	0.001	0.43	0.09	1.5	10.97
84-06	65.71	67.51	1.80	4665	0.001	0.11	0.08	68.0	4.11

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
84-07	62.61	63.09	0.48	4666	0.001	13.88	1.08	68.0	21.26
84-07	64.31	65.84	1.53	4667	0.001	34.78	0.71	204.0	4.80
84-07	65.84	67.48	1.64	4668	0.001	29.56	1.53	272.0	28.80
84-07	73.55	75.29	1.74	4669	0.001	4.82	1.83	136.0	19.20
84-07	75.29	76.41	1.12	4670	0.001	24.44	3.30	68.0	36.34
84-07	79.43	80.19	0.76	4671	0.001	29.01	10.84	340.0	89.14
84-07	81.38	82.78	1.40	4672	0.001	2.80	1.59	306.0	23.31
84-07	82.78	84.19	1.41	4673	0.001	17.63	2.60	306.0	45.26
84-07	84.19	84.73	0.54	4674	0.001	3.39	0.23	238.0	10.97
84-08	33.65	33.71	0.06	4675	0.001	2.61	0.89	272.0	19.20
84-08	33.71	36.12	2.41	4676	0.001	31.74	0.73	1292.0	15.09
84-08	55.32	55.56	0.24	4677	0.001	32.15	0.02	748.0	9.60
84-08	69.59	70.13	0.54	4678	0.001	9.69	8.82	612.0	124.11
84-09	65.75	66.08	0.33	4679	0.001	5.63	2.09	204.0	40.46
84-09	69.65	70.01	0.36	4680	0.001	11.59	2.02	136.0	26.06
84-10	16.09	17.43	1.34	4681	0.001	6.82	0.46	136.0	16.46
84-10	17.56	18.99	1.43	4682	0.001	23.05	1.54	88.4	15.77
84-10	18.99	19.69	0.70	4683	0.001	7.53	2.34	612.0	24.00
84-10	20.76	22.04	1.28	4684	0.001	1.59	0.88	136.0	17.33
84-10	22.04	23.16	1.12	4685	0.001	1.58	1.40	1.5	18.51
84-10	24.08	24.99	0.91	4686	0.001	39.15	1.27	68.0	23.31
84-10	24.99	25.91	0.92	4687	0.001	1.98	1.39	340.0	10.29
84-10	25.91	26.52	0.61	4688	0.001	30.30	0.65	68.0	9.60
84-10	26.52	27.89	1.37	4689	0.001	6.78	0.42	272.0	3.43
84-10	27.89	29.41	1.52	4690	0.001	26.23	0.07	136.0	8.91
84-10	29.41	30.94	1.53	4691	0.001	33.73	1.37	68.0	21.26
84-10	32.49	33.13	0.64	4692	0.001	17.04	1.07	272.0	25.37
84-10	38.47	39.62	1.15	4693	0.001	2.06	1.41	159.8	38.40
84-11	16.70	18.20	1.50	4694	0.001	4.64	0.82	1.5	10.97
84-11	21.18	22.22	1.04	4695	0.001	8.49	1.63	272.0	48.00
84-11	24.17	25.30	1.13	4696	0.001	38.20	4.97	476.0	45.94
84-11	25.30	26.52	1.22	4697	0.001	4.69	1.35	1.5	10.29
84-11	26.52	27.77	1.25	4698	0.001	5.19	0.65	68.0	8.23
84-11	29.11	30.11	1.00	4699	0.001	14.36	0.33	204.0	19.20
84-11	30.42	31.64	1.22	4700	0.001	34.87	1.76	340.0	7.54
84-11	31.64	32.61	0.97	4556	0.001	32.19	1.29	612.0	31.54
84-11	37.89	38.71	0.82	4557	0.001	9.02	0.55	136.0	33.60
S-33-97	34.50	35.50	1.00	301001	0.003	0.03	0.00	3.0	0.20
S-33-97	35.50	37.00	1.50	301002	0.004	0.03	0.00	3.0	0.60
S-33-97	37.00	38.10	1.10	301003	0.002	0.02	0.00	5.0	0.60
S-33-97	38.10	39.10	1.00	301004	0.006	0.02	0.01	3.0	1.20
S-33-97	39.10	39.90	0.80	301005	0.006	0.02	0.01	3.0	0.80
S-33-97	39.90	41.00	1.10	301006	0.002	0.02	0.00	3.0	0.20
S-33-97	41.00	42.50	1.50	301007	0.009	0.03	0.00	3.0	0.60
S-33-97	42.50	44.20	1.70	301008	0.002	0.03	0.00	3.0	0.40
S-33-97	44.20	44.90	0.70	301009	0.001	0.02	0.00	3.0	0.20
S-33-97	44.90	45.70	0.80	301010	0.075	0.02	0.01	20.0	3.40
S-33-97	45.70	46.30	0.60	301011	0.099	0.02	0.03	20.0	4.00
S-33-97	46.30	46.70	0.40	301012	0.18	0.08	0.11	40.0	9.00
S-33-97	46.70	47.40	0.70	301013	0.088	0.07	0.06	25.0	4.00
S-33-97	47.40	47.80	0.40	301014	0.134	6.78	0.92	120.0	26.00
S-33-97	47.80	49.00	1.20	301015	0.061	0.32	0.07	30.0	3.20
S-33-97	49.00	49.95	0.95	301016	0.071	0.05	0.11	660.0	18.00

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-33-97	49.95	51.80	1.85	301017	0.021	0.02	0.05	200.0	7.80
S-33-97	51.80	54.90	3.10	301018	0.009	0.01	0.01	10.0	0.80
S-33-97	54.90	57.90	3.00	301019	0.02	0.01	0.02	45.0	2.40
S-33-97	57.90	61.00	3.10	301020	0.024	0.01	0.02	120.0	5.00
S-33-97	61.00	62.40	1.40	301021	0.007	0.00	0.00	3.0	0.60
S-33-97	62.40	65.95	3.55	301022	0.012	0.14	0.03	10.0	0.80
S-33-97	65.95	67.40	1.45	301023	0.018	0.03	0.08	10.0	0.80
S-33-97	67.40	68.70	1.30	301024	0.01	0.00	0.03	3.0	0.40
S-33-97	68.70	69.20	0.50	301025	0.072	4.35	0.00	40.0	6.20
S-33-97	69.20	69.80	0.60	301026	0.276	38.30	4.03	1820.0	107.00
S-33-97	69.80	70.20	0.40	301027	0.146	4.53	1.47	150.0	25.00
S-33-97	70.20	70.80	0.60	301028	0.112	1.34	0.00	85.0	5.60
S-33-97	70.80	72.30	1.50	301029	0.221	35.60	0.00	2080.0	59.00
S-33-97	72.30	73.10	0.80	301030	0.044	0.03	0.15	2160.0	9.40
S-33-97	73.10	74.70	1.60	301031	0.188	0.03	0.45	685.0	31.40
S-33-97	74.70	77.20	2.50	301032	0.028	0.02	0.06	140.0	5.80
S-33-97	77.20	79.40	2.20	301033	0.043	0.03	0.13	140.0	5.80
S-33-97	79.40	80.00	0.60	301034	0.13	4.81	1.37	745.0	42.00
S-33-97	80.00	82.60	2.60	301035	0.045	0.11	0.47	530.0	18.00
S-33-97	82.60	83.15	0.55	301036	0.116	0.04	0.44	1440.0	46.20
S-33-97	83.15	85.05	1.90	301037	0.047	0.38	0.27	120.0	13.60
S-33-97	85.05	85.75	0.70	301038	0.051	0.70	0.03	35.0	2.60
S-33-97	85.75	86.05	0.30	301039	0.131	26.30	6.98	655.0	79.00
S-33-97	86.05	86.90	0.85	301040	0.07	0.11	0.58	70.0	8.60
S-33-97	86.90	88.70	1.80	301041	0.266	15.40	4.03	225.0	66.00
S-33-97	88.70	89.10	0.40	301042	0.159	40.20	1.27	455.0	26.00
S-33-97	89.10	90.10	1.00	301043	0.079	8.46	0.92	450.0	18.00
S-33-97	90.10	91.00	0.90	301044	0.018	0.00	0.00	5.0	0.20
S-33-97	91.00	92.00	1.00	301045	0.006	0.01	0.01	3.0	0.40
S-34-97	20.30	21.30	1.00	301046	0.001	0.02	0.00	3.0	0.10
S-34-97	21.30	23.80	2.50	301047	0.002	0.02	0.01	3.0	0.10
S-34-97	23.80	25.00	1.20	301048	0.006	0.02	0.00	5.0	0.20
S-34-97	26.82	27.43	0.61	301049	0.005	0.01	0.00	3.0	0.20
S-34-97	27.43	28.40	0.97	301050	0.006	0.01	0.00	3.0	0.20
S-34-97	28.40	29.40	1.00	301051	0.002	0.01	0.00	3.0	0.10
S-34-97	33.00	34.40	1.40	301052	0.002	0.01	0.00	3.0	0.10
S-34-97	54.00	54.80	0.80	301053	0.002	0.01	0.01	3.0	0.20
S-34-97	60.50	61.50	1.00	301054	0.092	0.03	0.06	120.0	7.80
S-34-97	61.50	62.20	0.70	301055	0.074	0.03	0.07	30.0	6.60
S-34-97	62.20	62.60	0.40	301056	0.185	18.70	1.93	90.0	47.00
S-34-97	62.60	63.40	0.80	301057	0.027	0.06	0.03	5.0	1.00
S-34-97	63.40	64.40	1.00	301058	0.009	0.01	0.01	3.0	0.60
S-34-97	100.80	101.80	1.00	301059	0.05	0.06	0.13	250.0	11.80
S-34-97	101.80	103.80	2.00	301060	0.097	0.04	0.11	40.0	5.00
S-34-97	103.80	104.80	1.00	301061	0.293	0.05	0.35	85.0	11.40
S-34-97	104.80	106.00	1.20	301062	0.08	0.02	0.22	65.0	3.40
S-34-97	106.00	107.00	1.00	301063	0.014	0.01	0.01	10.0	0.40
S-35-97	43.30	46.10	2.80	301064	0.002	0.01	0.00	3.0	0.20
S-36-97	10.00	10.95	0.95	301103	0.075	0.35	0.06	20.0	2.20
S-36-97	10.95	12.45	1.50	301101	0.425	16.30	0.44	125.0	22.00
S-36-97	12.45	13.46	1.01	301102	0.622	12.80	0.06	100.0	17.00
S-36-97	13.46	13.96	0.50	301104	0.051	0.34	0.06	35.0	1.40
S-36-97	13.96	14.84	0.88	301105	0.051	0.40	0.04	35.0	1.00

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-36-97	14.84	15.55	0.71	301106	0.023	0.08	0.03	5.0	0.80
S-36-97	15.55	15.87	0.32	301107	0.081	3.30	0.04	40.0	4.20
S-36-97	15.87	16.98	1.11	301108	0.026	0.05	0.03	15.0	0.60
S-36-97	16.98	18.10	1.12	301109	0.006	0.01	0.01	30.0	1.60
S-36-97	18.10	18.51	0.41	301110	0.212	9.07	0.03	200.0	8.00
S-36-97	18.51	20.74	2.23	301111	0.307	4.06	0.05	180.0	8.00
S-36-97	20.74	21.75	1.01	301112	0.029	0.05	0.02	20.0	0.10
S-36-97	21.75	22.75	1.00	301113	0.056	0.04	0.03	10.0	1.00
S-36-97	22.75	24.10	1.35	301114	0.105	2.99	0.06	30.0	4.00
S-36-97	24.10	24.52	0.42	301115	0.251	27.30	0.02	60.0	13.00
S-36-97	24.52	24.82	0.30	301116	0.469	6.32	0.20	745.0	27.00
S-36-97	24.82	26.23	1.41	301117	0.363	35.40	0.14	125.0	17.00
S-36-97	26.23	27.23	1.00	301118	0.173	0.05	0.05	310.0	7.80
S-36-97	46.60	47.46	0.86	301124	0.041	0.02	0.07	15.0	2.00
S-36-97	47.46	48.57	1.11	301120	0.041	0.02	0.08	45.0	2.00
S-36-97	48.57	48.90	0.33	301119	0.141	0.02	0.49	655.0	52.20
S-36-97	48.90	49.28	0.38	301121	0.096	0.02	0.25	1170.0	36.00
S-36-97	49.28	49.86	0.58	301122	0.247	0.01	0.48	2200.0	89.80
S-36-97	49.86	50.55	0.69	301123	0.046	0.01	0.08	20.0	2.60
S-36-97	72.45	73.30	0.85	301125	0.017	0.05	0.05	10.0	1.00
S-36-97	73.30	73.80	0.50	301126	0.072	0.02	0.06	45.0	2.60
S-36-97	73.80	74.35	0.55	301127	0.033	0.03	0.07	5.0	2.00
S-36-97	74.35	75.66	1.31	301128	0.987	1.34	0.31	230.0	42.80
S-36-97	75.66	76.12	0.46	301129	0.229	42.10	0.60	55.0	15.00
S-36-97	76.12	77.30	1.18	301130	0.036	0.02	0.24	605.0	7.80
S-36-97	77.30	78.37	1.07	301131	0.017	0.01	0.05	45.0	1.80
S-36-97	78.37	78.68	0.31	301132	0.069	0.01	0.15	105.0	6.80
S-36-97	78.68	79.36	0.68	301133	0.01	0.01	0.02	10.0	1.20
S-36-97	79.36	80.38	1.02	301134	0.017	0.01	0.04	3.0	1.40
S-36-97	80.38	81.12	0.74	301135	0.088	0.12	0.28	390.0	15.80
S-36-97	81.12	81.61	0.49	301136	0.134	32.00	0.44	70.0	17.00
S-36-97	81.61	82.75	1.14	301137	0.064	0.19	1.74	185.0	21.20
S-36-97	82.75	83.42	0.67	301138	0.035	0.04	1.91	225.0	17.60
S-36-97	83.42	84.25	0.83	301139	0.202	0.24	1.22	255.0	18.80
S-36-97	84.25	84.84	0.59	301140	0.162	0.35	0.16	155.0	7.60
S-36-97	84.84	85.91	1.07	301141	0.175	0.30	1.01	1410.0	55.00
S-36-97	85.91	87.00	1.09	301142	0.018	2.51	0.21	110.0	7.20
S-36-97	87.00	88.00	1.00	301143	0.048	15.20	0.58	60.0	12.00
S-36-97	88.00	89.00	1.00	301144	0.038	11.80	0.06	30.0	3.20
S-36-97	89.00	90.05	1.05	301145	0.188	16.90	0.52	150.0	17.20
S-36-97	90.05	91.00	0.95	301146	0.134	0.26	0.46	80.0	8.80
S-36-97	91.00	92.00	1.00	301147	0.003	0.06	0.01	3.0	0.10
S-37-97	9.80	9.93	0.13	301148	0.008	0.02	0.01	3.0	1.20
S-37-97	10.85	11.08	0.23	301149	0.003	0.02	0.00	3.0	0.20
S-37-97	11.08	13.34	2.26	301150	0.003	0.02	0.00	3.0	0.20
S-37-97	13.34	14.50	1.16	301151	0.006	0.04	0.01	3.0	0.10
S-37-97	14.50	15.57	1.07	301152	0.116	0.72	0.24	30.0	6.00
S-37-97	15.57	15.79	0.22	301153	0.236	2.40	0.63	190.0	14.60
S-37-97	15.79	16.35	0.56	301154	0.257	4.09	0.93	85.0	18.40
S-37-97	16.35	17.00	0.65	301155	0.002	0.03	0.02	10.0	0.20
S-37-97	17.00	19.13	2.13	301156	0.266	1.88	0.36	90.0	11.00
S-37-97	19.13	21.15	2.02	301157	0.097	0.43	0.46	320.0	15.80
S-37-97	21.15	21.34	0.19	301158	0.011	0.04	0.07	25.0	1.80

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-37-97	21.34	21.64	0.30	301159	0.027	0.39	0.49	50.0	6.00
S-37-97	21.64	22.08	0.44	301160	0.125	8.79	8.58	130.0	66.00
S-37-97	22.08	23.88	1.80	301161	0.029	0.24	0.62	70.0	7.40
S-37-97	23.88	25.94	2.06	301162	0.073	0.05	0.37	160.0	11.40
S-37-97	25.94	27.70	1.76	301163	0.178	32.90	4.67	425.0	67.00
S-37-97	27.70	29.88	2.18	301164	0.047	0.05	0.34	200.0	11.80
S-37-97	29.88	30.62	0.74	301165	0.016	0.03	0.07	120.0	1.40
S-37-97	30.62	30.94	0.32	301166	0.405	30.00	1.00	1120.0	36.00
S-37-97	30.94	32.65	1.71	301167	0.017	0.02	0.02	20.0	0.60
S-37-97	32.65	32.97	0.32	301168	0.406	0.67	0.98	1240.0	32.20
S-37-97	32.97	33.90	0.93	301169	0.463	33.50	0.06	290.0	26.00
S-37-97	33.90	35.70	1.80	301170	0.337	23.10	1.67	670.0	32.00
S-37-97	35.70	36.60	0.90	301172	0.411	24.10	1.92	490.0	35.00
S-37-97	36.60	37.25	0.65	301173	0.032	2.41	0.90	75.0	8.80
S-37-97	37.25	38.05	0.80	301174	0.293	26.30	1.57	525.0	32.00
S-37-97	38.05	38.63	0.58	301175	0.036	0.19	0.08	40.0	1.80
S-37-97	38.63	40.55	1.92	301176	0.026	0.56	0.06	20.0	1.40
S-37-97	40.55	41.45	0.90	301177	0.409	38.80	6.35	670.0	80.00
S-37-97	41.45	42.29	0.84	301178	0.153	5.24	0.82	125.0	9.00
S-37-97	42.29	43.29	1.00	301179	0.105	0.50	0.69	250.0	19.20
S-37-97	43.29	44.18	0.89	301180	0.095	0.07	1.52	415.0	43.60
S-38-97	16.05	16.70	0.65	301181	0.001	0.02	0.00	50.0	0.10
S-38-97	16.70	17.37	0.67	301182	0.026	0.01	0.09	1420.0	45.40
S-38-97	17.37	18.04	0.67	301183	0.34	46.40	3.49	450.0	55.00
S-38-97	18.04	19.14	1.10	301184	0.076	0.70	0.75	280.0	12.20
S-38-97	22.13	22.61	0.48	301185	0.143	0.03	0.27	490.0	30.60
S-38-97	22.61	28.05	5.44	301186	0.021	0.08	0.06	3.0	0.80
S-38-97	28.05	28.27	0.22	301187	0.09	9.14	0.17	60.0	22.00
S-38-97	28.27	28.86	0.59	301188	0.028	0.12	0.10	15.0	1.20
S-38-97	28.86	29.11	0.25	301189	0.112	13.90	0.20	60.0	12.00
S-38-97	29.11	29.85	0.74	301190	0.131	1.30	0.09	155.0	7.00
S-38-97	29.85	30.08	0.23	301198	0.029	16.10	3.02	390.0	26.40
S-38-97	30.08	30.92	0.84	301191	0.075	0.23	0.53	1330.0	21.40
S-38-97	30.92	32.00	1.08	301199	0.109	0.21	0.19	410.0	10.60
S-38-97	32.00	34.10	2.10	301200	0.029	0.02	0.10	95.0	3.40
S-38-97	34.10	34.35	0.25	301196	0.04	3.25	0.16	140.0	9.00
S-38-97	34.35	34.85	0.50	301197	0.03	0.05	0.12	65.0	1.40
S-38-97	34.85	35.95	1.10	301192	0.053	0.13	0.92	65.0	6.80
S-38-97	35.95	36.78	0.83	301193	0.036	0.06	0.08	10.0	1.20
S-38-97	36.78	36.96	0.18	301194	0.404	24.90	0.01	25.0	12.00
S-38-97	36.96	37.70	0.74	301195	0.07	0.02	0.26	85.0	9.40
S-38-97	37.70	38.62	0.92	301201	0.008	0.03	0.06	20.0	2.40
S-38-97	38.62	39.26	0.64	301202	0.018	0.02	0.08	190.0	8.40
S-38-97	39.26	40.15	0.89	301203	0.041	0.50	0.04	15.0	3.00
S-38-97	40.15	41.60	1.45	301204	0.025	0.03	0.03	3.0	2.00
S-38-97	41.60	42.18	0.58	301205	0.056	0.19	0.10	25.0	4.20
S-38-97	42.18	43.25	1.07	301206	0.045	0.27	0.05	490.0	12.20
S-38-97	43.25	44.42	1.17	301207	0.047	0.02	0.02	45.0	1.80
S-38-97	45.33	46.94	1.61	301208	0.094	0.04	0.12	35.0	5.00
S-38-97	46.94	47.90	0.96	301209	0.089	0.14	0.17	25.0	5.00
S-38-97	47.90	48.52	0.62	301210	0.216	3.21	0.34	30.0	30.00
S-38-97	48.52	49.49	0.97	301211	0.04	0.11	0.14	800.0	33.80
S-39-97	7.20	10.10	2.90	301065	0.002	0.01	0.00	3.0	0.10

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-39-97	10.10	13.10	3.00	301066	0.002	0.02	0.01	3.0	0.20
S-39-97	19.20	22.60	3.40	301067	0.004	0.01	0.00	3.0	0.20
S-39-97	22.60	23.75	1.15	301068	0.002	0.01	0.00	3.0	0.10
S-39-97	23.75	24.85	1.10	301069	0.003	0.01	0.00	3.0	0.10
S-39-97	24.85	27.90	3.05	301070	0.002	0.01	0.00	3.0	0.20
S-39-97	27.90	29.90	2.00	301071	0.032	0.03	0.02	10.0	1.00
S-39-97	29.90	30.20	0.30	301072	0.002	0.01	0.01	3.0	0.10
S-39-97	30.20	31.90	1.70	301073	0.369	0.05	0.14	200.0	9.40
S-39-97	31.90	32.10	0.20	301074	0.228	5.90	1.06	425.0	26.00
S-39-97	32.10	32.65	0.55	301075	0.153	0.42	0.27	360.0	13.40
S-39-97	32.65	33.00	0.35	301076	0.135	4.90	1.60	250.0	27.00
S-39-97	33.00	34.70	1.70	301077	0.128	0.03	0.40	195.0	15.80
S-39-97	34.70	35.80	1.10	301078	0.008	0.02	0.04	5.0	0.60
S-39-97	42.70	44.00	1.30	301079	0.064	0.04	0.09	135.0	9.40
S-39-97	44.00	46.50	2.50	301080	0.043	0.47	0.22	90.0	5.60
S-39-97	46.50	47.50	1.00	301081	0.38	32.60	0.23	290.0	18.00
S-39-97	47.50	49.50	2.00	301082	0.126	8.44	0.51	135.0	12.80
S-39-97	49.50	52.05	2.55	301083	0.01	0.40	0.04	30.0	1.00
S-39-97	52.05	53.20	1.15	301084	0.018	0.10	0.11	70.0	1.00
S-39-97	53.20	54.70	1.50	301085	0.033	0.29	0.34	50.0	4.00
S-39-97	54.70	55.30	0.60	301086	0.186	9.86	3.31	910.0	42.00
S-39-97	55.30	57.10	1.80	301087	0.069	3.60	0.77	550.0	25.40
S-39-97	57.80	60.70	2.90	301088	0.083	0.01	0.16	365.0	23.20
S-39-97	60.70	61.60	0.90	301089	0.004	0.02	0.02	35.0	1.40
S-39-97	61.60	62.60	1.00	301090	0.056	0.04	0.06	185.0	3.60
S-39-97	62.60	63.90	1.30	301091	0.126	3.69	1.59	190.0	21.00
S-39-97	63.90	65.10	1.20	301092	0.008	0.02	0.03	20.0	0.20
S-39-97	65.10	65.40	0.30	301093	0.072	9.48	4.73	155.0	48.00
S-39-97	65.40	65.90	0.50	301094	0.029	5.16	0.35	50.0	11.00
S-39-97	65.90	66.90	1.00	301095	0.05	0.02	0.11	405.0	19.40
S-40-97	38.65	39.45	0.80	301256	0.091	0.02	0.03	25.0	3.60
S-40-97	39.45	40.40	0.95	301257	0.063	0.04	0.04	40.0	2.20
S-40-97	40.40	41.38	0.98	301258	0.201	0.09	0.08	45.0	4.40
S-40-97	41.38	42.37	0.99	301259	0.312	0.07	0.15	55.0	6.60
S-40-97	42.37	43.18	0.81	301260	0.124	8.10	0.64	225.0	8.10
S-40-97	43.18	44.04	0.86	301261	0.29	4.54	1.91	1970.0	64.00
S-40-97	44.04	45.10	1.06	301262	0.058	0.04	0.11	95.0	5.40
S-40-97	45.10	46.42	1.32	301263	0.021	0.02	0.03	10.0	1.00
S-40-97	58.83	60.80	1.97	301264	0.037	0.01	0.08	80.0	7.00
S-40-97	60.80	61.43	0.63	301265	0.058	2.03	2.48	315.0	26.80
S-40-97	61.43	61.95	0.52	301266	0.012	0.03	0.20	25.0	2.00
S-40-97	61.95	62.72	0.77	301267	0.069	6.78	2.30	590.0	24.00
S-40-97	62.72	64.10	1.38	301268	0.052	0.03	0.09	340.0	10.20
S-40-97	64.10	65.20	1.10	301269	0.058	0.03	0.17	450.0	14.60
S-40-97	65.20	66.98	1.78	301270	0.063	0.02	0.18	1170.0	31.00
S-40-97	66.98	67.64	0.66	301271	0.013	0.01	0.08	80.0	4.00
S-40-97	67.64	68.20	0.56	301272	0.035	0.02	0.29	100.0	7.80
S-40-97	68.20	69.45	1.25	301273	0.03	0.01	0.16	55.0	3.80
S-40-97	69.45	70.25	0.80	301274	0.065	0.03	0.32	125.0	8.20
S-40-97	70.25	71.17	0.92	301275	0.106	2.16	0.31	505.0	24.00
S-40-97	71.44	72.05	0.61	301276	0.016	0.01	0.04	20.0	1.20
S-40-97	72.05	73.25	1.20	301277	0.083	0.03	0.27	375.0	17.20
S-40-97	73.25	74.43	1.18	301278	0.021	0.01	0.08	30.0	2.60

Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-40-97	74.43	75.97	1.54	301279	0.023	0.01	0.04	380.0	9.20
S-40-97	75.97	76.76	0.79	301280	0.004	0.01	0.01	3.0	0.80
S-40-97	76.76	77.60	0.84	301281	0.01	0.02	0.06	10.0	1.40
S-40-97	77.60	78.27	0.67	301282	0.115	3.06	1.69	330.0	28.00
S-40-97	78.27	78.86	0.59	301283	0.024	0.06	0.29	105.0	5.80
S-40-97	78.86	79.81	0.95	301284	0.017	0.01	0.07	75.0	2.60
S-40-97	79.81	80.57	0.76	301285	0.02	0.02	0.06	60.0	4.40
S-40-97	80.57	81.14	0.57	301286	0.007	0.02	0.04	3.0	0.40
S-40-97	81.14	81.74	0.60	301287	0.004	0.01	0.02	30.0	0.20
S-40-97	81.74	82.30	0.56	301288	0.156	17.50	5.00	210.0	61.00
S-40-97	82.30	83.45	1.15	301289	0.006	0.01	0.01	3.0	0.20
S-41-97	4.10	6.10	2.00	301096	0.015	0.02	0.00	5.0	0.20
S-41-97	6.10	7.60	1.50	301097	0.003	0.01	0.00	3.0	0.10
S-41-97	7.60	9.10	1.50	301098	0.002	0.01	0.00	3.0	0.10
S-41-97	9.10	12.10	3.00	301099	0.002	0.02	0.00	3.0	0.10
S-41-97	12.10	15.40	3.30	301100	0.004	0.06	0.00	3.0	0.10
S-41-97	15.40	16.40	1.00	301301	0.001	0.02	0.00	3.0	0.10
S-41-97	17.60	18.80	1.20	301302	0.002	0.04	0.00	3.0	0.10
S-41-97	18.80	20.00	1.20	301303	0.001	0.03	0.00	3.0	0.10
S-41-97	20.00	21.50	1.50	301304	0.006	0.05	0.00	3.0	0.80
S-41-97	21.50	23.60	2.10	301305	0.002	0.03	0.00	3.0	0.20
S-41-97	23.60	25.20	1.60	301306	0.019	0.14	0.02	3.0	3.40
S-41-97	25.20	25.70	0.50	301307	0.006	0.13	0.02	3.0	0.80
S-41-97	25.70	28.30	2.60	301308	0.019	0.67	0.19	65.0	7.60
S-41-97	32.30	34.30	2.00	301309	0.038	0.24	0.02	105.0	5.40
S-41-97	34.30	36.10	1.80	301310	0.033	0.06	0.01	85.0	4.20
S-41-97	36.10	37.60	1.50	301311	0.019	0.13	0.01	40.0	3.20
S-41-97	37.60	40.50	2.90	301312	0.02	0.10	0.01	40.0	3.40
S-41-97	40.50	43.50	3.00	301313	0.016	0.07	0.01	70.0	2.80
S-41-97	43.50	46.50	3.00	301314	0.027	0.12	0.01	50.0	4.80
S-41-97	46.50	47.50	1.00	301315	0.017	0.03	0.00	35.0	3.00
S-41-97	47.80	48.80	1.00	301316	0.004	0.17	0.00	15.0	1.00
S-41-97	48.80	50.40	1.60	301317	0.014	0.10	0.00	55.0	3.20
S-41-97	50.40	52.90	2.50	301318	0.011	0.09	0.00	70.0	2.20
S-41-97	52.90	54.80	1.90	301319	0.001	0.02	0.00	40.0	1.00
S-41-97	54.80	56.20	1.40	301320	0.004	0.14	0.00	30.0	1.20
S-41-97	56.20	57.60	1.40	301321	0.021	0.69	0.01	40.0	2.20
S-41-97	57.60	59.00	1.40	301322	0.026	0.34	0.01	30.0	1.80
S-41-97	59.00	60.00	1.00	301323	0.027	0.18	0.02	35.0	4.20
S-41-97	60.00	61.00	1.00	301324	0.011	1.19	0.03	60.0	2.80
S-41-97	61.00	62.00	1.00	301325	0.008	0.36	0.02	55.0	3.40
S-41-97	62.00	63.00	1.00	301326	0.006	0.15	0.02	40.0	5.20
S-41-97	63.00	64.95	1.95	301327	0.019	0.31	0.04	40.0	3.00
S-41-97	64.95	65.60	0.65	301328	0.052	2.65	0.05	95.0	7.00
S-41-97	65.60	68.60	3.00	301329	0.006	0.95	0.03	40.0	3.20
S-41-97	68.60	69.40	0.80	301330	0.017	1.23	0.02	30.0	2.40
S-41-97	69.40	71.90	2.50	301331	0.059	0.64	0.05	50.0	5.60
S-41-97	71.90	73.45	1.55	301332	0.004	1.24	0.05	105.0	7.80
S-41-97	73.45	74.00	0.55	301333	0.011	0.35	0.02	30.0	3.00
S-41-97	74.00	75.20	1.20	301334	0.006	0.82	0.03	25.0	7.60
S-41-97	75.20	76.20	1.00	301335	0.01	0.12	0.04	70.0	6.20
S-41-97	76.20	77.20	1.00	301336	0.009	0.04	0.02	10.0	1.20
S-41-97	77.20	78.50	1.30	301337	0.011	0.15	0.02	15.0	2.00

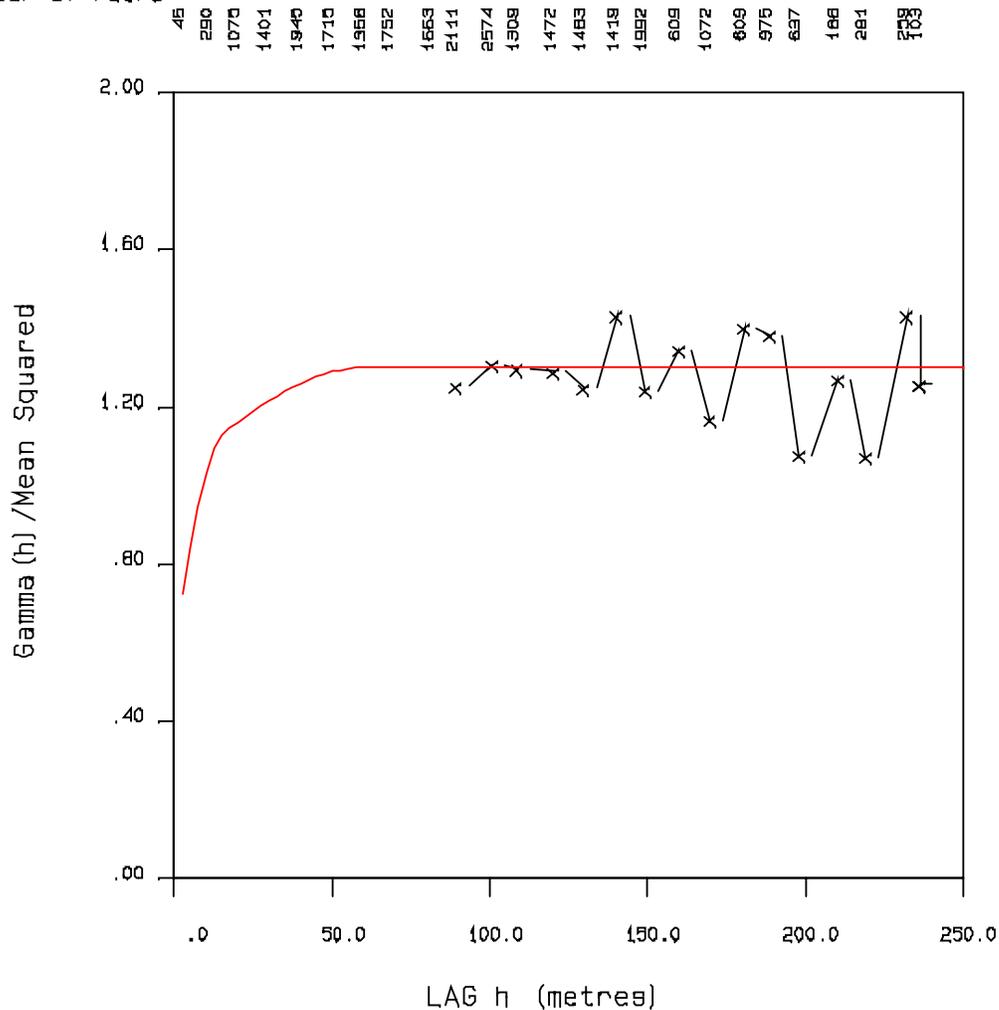
Hole	From (m)	To (m)	Interval (m)	Sample ID	Copper %	Zinc %	Lead %	Gold ppb	Silver g/t
S-41-97	78.50	80.00	1.50	301338	0.056	0.11	0.04	75.0	6.80
S-41-97	80.00	80.80	0.80	301339	0.065	1.78	0.08	160.0	13.00
S-41-97	80.80	82.80	2.00	301340	0.043	0.10	0.08	130.0	13.40
S-41-97	82.80	84.70	1.90	301341	0.072	0.48	0.24	280.0	16.60
S-41-97	84.70	87.10	2.40	301342	0.144	0.15	0.04	210.0	15.60
S-41-97	87.10	88.10	1.00	301343	0.007	0.02	0.00	3.0	0.60
S-42-97	37.75	39.62	1.87	301300	0.007	0.04	0.01	5.0	0.20
S-42-97	39.62	40.90	1.28	301299	0.015	0.05	0.00	5.0	0.60
S-42-97	62.45	63.60	1.15	301212	0.232	0.05	0.07	40.0	8.60
S-42-97	63.60	63.95	0.35	301213	0.004	0.02	0.00	15.0	0.40
S-42-97	63.95	64.53	0.58	301214	0.078	0.04	0.04	30.0	2.80
S-42-97	64.53	65.70	1.17	301215	0.003	0.01	0.00	10.0	0.20
S-42-97	65.70	66.65	0.95	301216	0.004	0.02	0.00	3.0	0.20
S-42-97	66.65	67.70	1.05	301217	0.05	0.03	0.01	20.0	1.80
S-42-97	67.70	68.68	0.98	301218	0.247	0.10	0.05	30.0	6.60
S-42-97	68.68	69.70	1.02	301219	0.311	0.08	0.12	95.0	8.60
S-42-97	69.70	70.85	1.15	301220	0.265	0.20	0.08	105.0	8.20
S-42-97	70.85	71.72	0.87	301221	0.09	0.82	0.05	90.0	4.00
S-42-97	71.72	73.36	1.64	301222	0.405	5.05	0.06	80.0	5.00
S-42-97	73.36	73.62	0.26	301223	0.086	30.40	0.01	70.0	8.00
S-42-97	75.38	76.95	1.57	301225	0.164	0.00	0.14	695.0	20.50
S-42-97	76.95	77.55	0.60	301224	0.119	0.33	0.05	320.0	8.00
S-42-97	77.55	78.00	0.45	301226	0.013	7.94	0.12	40.0	3.00
S-42-97	78.00	78.87	0.87	301227	0.002	0.11	0.13	30.0	3.00
S-42-97	78.87	80.20	1.33	301228	0.07	0.60	0.11	70.0	5.00
S-42-97	80.20	81.70	1.50	301229	0.073	1.30	0.09	95.0	5.60
S-42-97	81.70	82.75	1.05	301230	0.006	0.06	0.06	40.0	1.60
S-42-97	82.75	84.30	1.55	301231	0.003	0.05	0.01	5.0	0.60
S-42-97	84.30	85.34	1.04	301232	0.093	0.02	0.04	70.0	5.40
S-42-97	85.34	86.50	1.16	301233	0.043	0.04	0.04	30.0	2.80
S-42-97	86.50	87.15	0.65	301234	0.193	0.16	0.03	55.0	10.00
S-42-97	87.15	87.90	0.75	301235	0.415	2.85	0.03	110.0	17.80
S-42-97	87.90	88.55	0.65	301236	0.102	2.06	0.05	80.0	5.80
S-42-97	88.55	89.55	1.00	301237	0.065	2.41	0.06	30.0	5.00
S-42-97	89.55	90.30	0.75	301238	0.024	0.00	0.11	55.0	3.00
S-42-97	90.30	91.73	1.43	301239	0.14	1.00	0.09	335.0	9.40
S-42-97	91.73	92.45	0.72	301240	0.018	10.20	0.61	120.0	12.00
S-42-97	92.45	93.30	0.85	301241	0.031	1.90	0.31	160.0	10.00
S-42-97	93.30	94.70	1.40	301242	0.122	3.61	0.10	95.0	7.00
S-42-97	94.70	95.60	0.90	301243	0.043	1.25	0.14	45.0	4.80
S-42-97	95.60	96.60	1.00	301244	0.023	0.86	0.62	40.0	10.00
S-42-97	96.60	97.00	0.40	301245	0.212	0.60	0.21	50.0	10.80
S-42-97	97.00	98.37	1.37	301246	0.081	1.70	0.18	35.0	7.00
S-42-97	98.37	99.05	0.68	301247	0.035	2.44	0.28	90.0	7.00
S-42-97	99.05	100.27	1.22	301248	0.389	10.10	0.13	95.0	18.60
S-42-97	100.27	101.44	1.17	301249	0.102	0.40	0.48	75.0	17.00
S-42-97	101.44	102.40	0.96	301250	0.161	0.83	0.26	95.0	12.60
S-42-97	102.40	102.90	0.50	301251	0.014	0.05	0.01	20.0	1.40
S-42-97	102.90	103.51	0.61	301252	0.117	0.35	0.13	70.0	9.00
S-42-97	103.51	104.30	0.79	301253	0.139	5.53	2.12	365.0	55.00
S-42-97	104.30	106.20	1.90	301254	0.073	0.05	0.04	55.0	9.20
S-42-97	106.20	107.94	1.74	301255	0.043	0.03	0.00	45.0	6.60

**APPENDIX B**  
**Semi-variogram Models in Massive Sulfide Units**

### Semivariogram In Massive Sulphide Units for Zn Az 0 Dip 0

C0 = .600  
 C1 = .430  
 C2 = .270  
 A1 = 15.0  
 A2 = 60.0

Number of Pairs



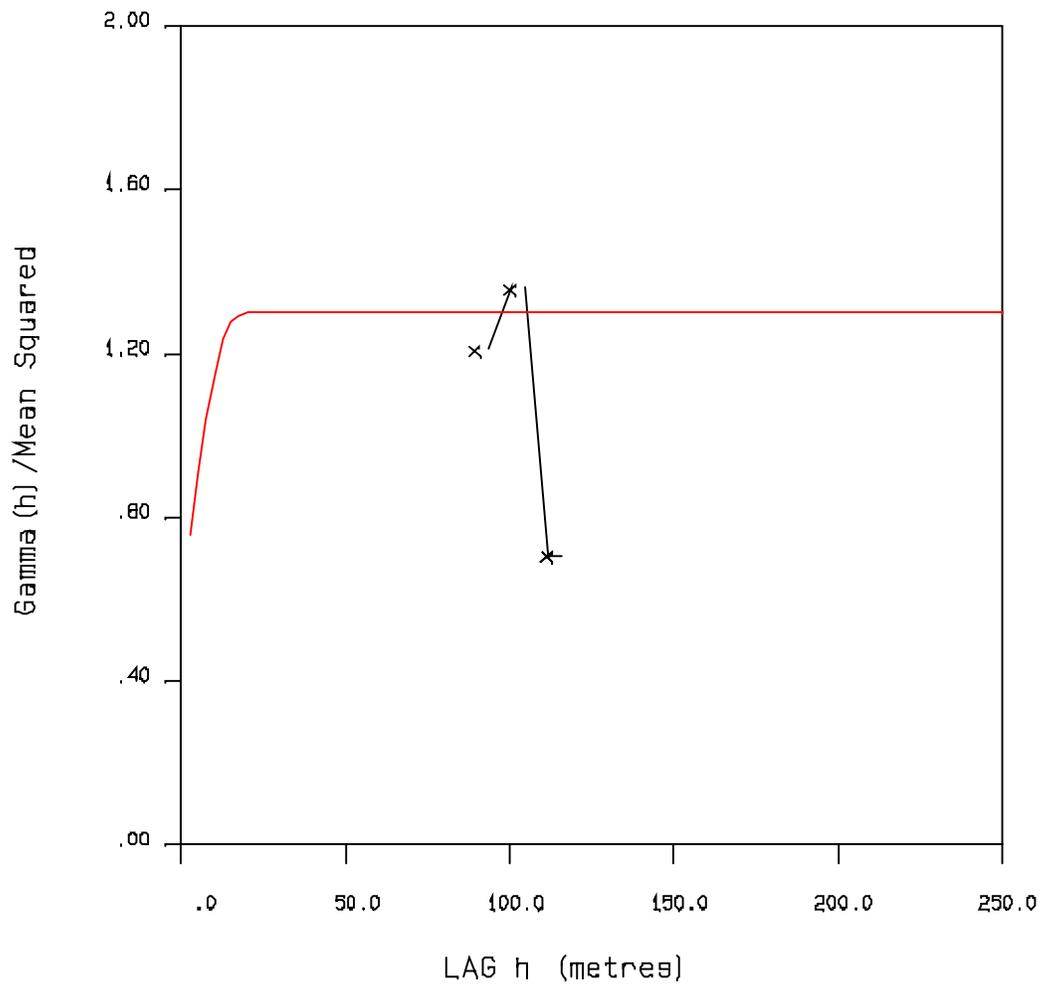
SCOTIA ZN - GRID AZ 0 DIP 0

Semivariogram In Massive Sulphide Units for Zn Az 270 Dip -45

C0 = .600  
 C1 = .430  
 C2 = .270  
 A1 = 15.0  
 A2 = 20.0

Number of Pairs

133 340 241 177 159 125 20 96 28 7



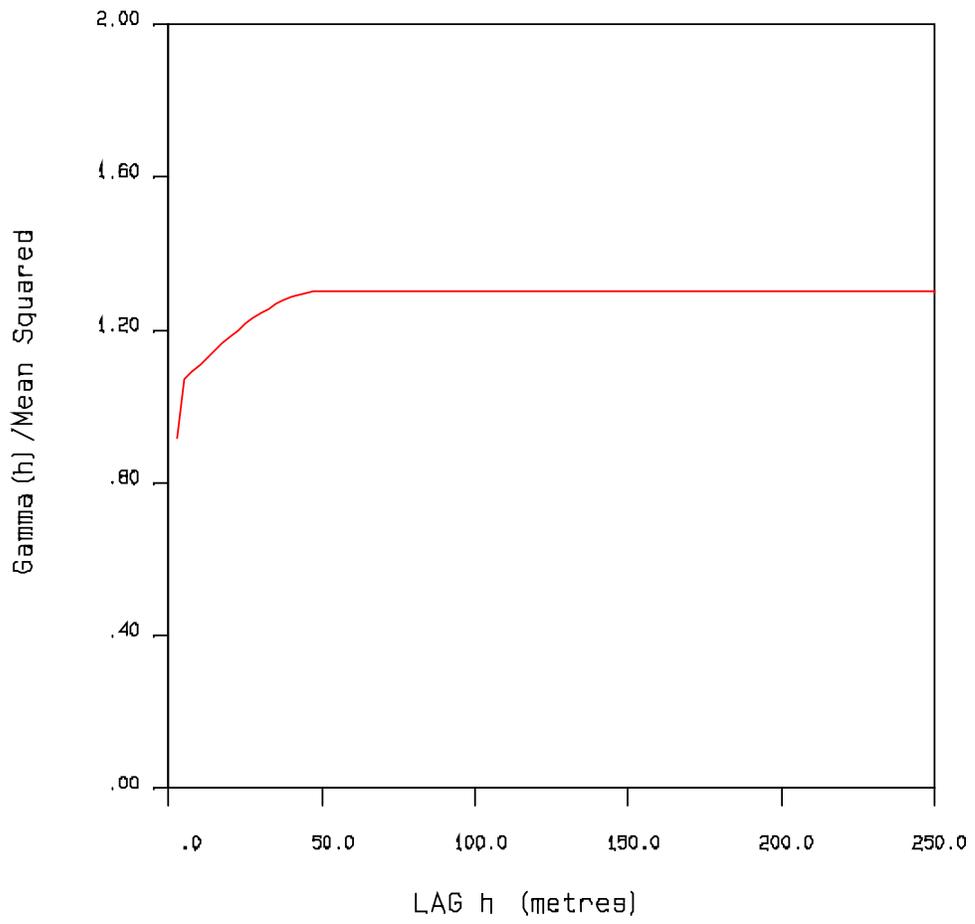
SCOTIA ZN - GRID AZ 270 DIP -45

# Semivariogram In Massive Sulphide Units for Zn Az 90 Dip -45

C0 = .600  
C1 = .430  
C2 = .270  
A1 = 5.0  
A2 = 50.0

Number of Pairs

339 540 250 66 21 25 29 21

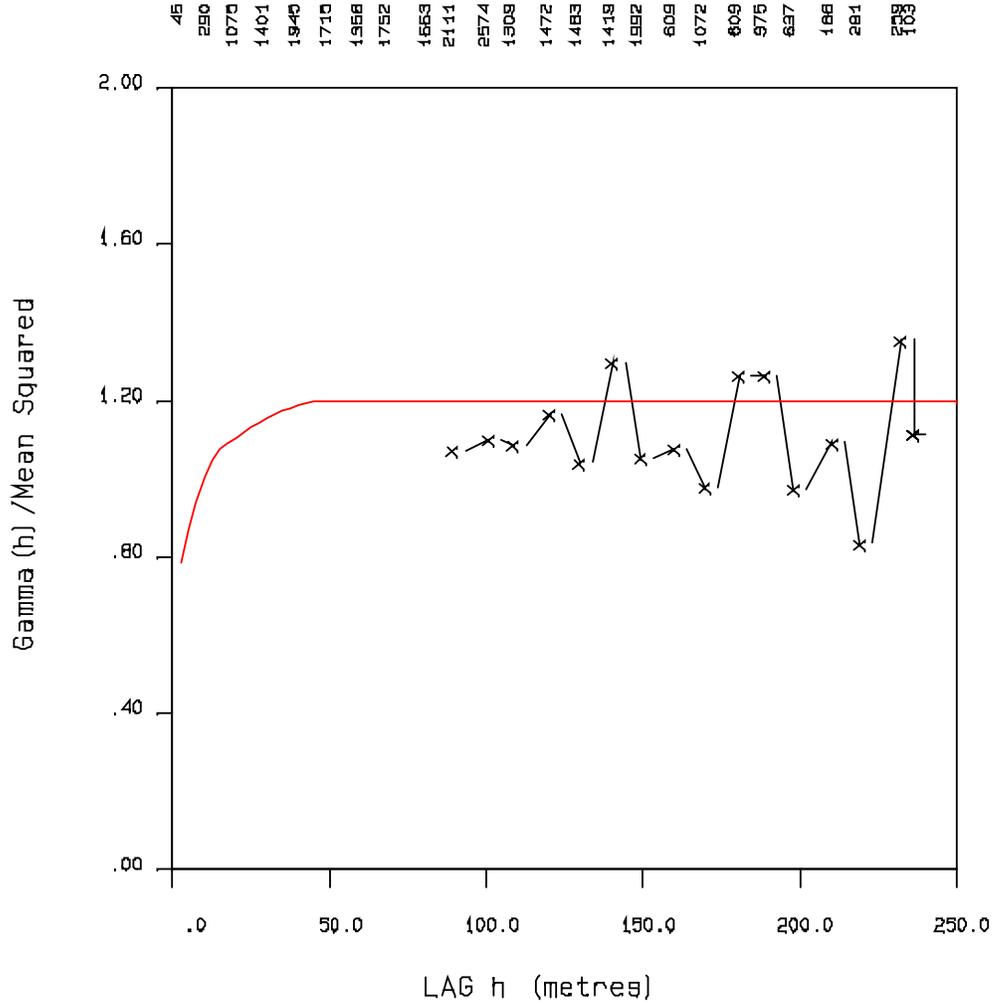


SCOTIA ZN - GRID AZ 90 DIP -45

**Semivariogram In Massive Sulphide Units for Pb Az 0 Dip 0**

C0 = .700  
 C1 = .280  
 C2 = .220  
 A1 = 15.0  
 A2 = 50.0

Number of Pairs



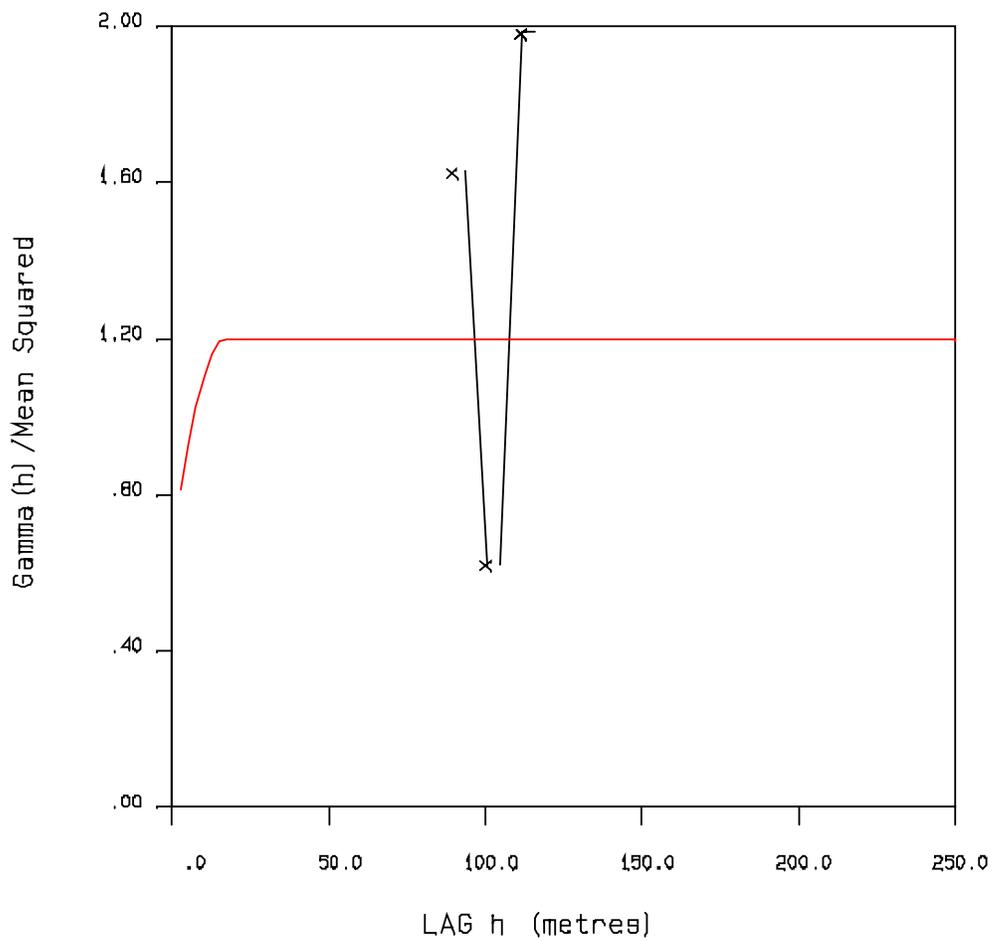
SCOTIA PB - GRID AZ 0 DIP 0

**Semivariograms In Massive Sulphide Units for Pb Az 270 Dip -45**

C0 = .700  
 C1 = .280  
 C2 = .220  
 A1 = 15.0  
 A2 = 18.0

Number of Pairs

133 340 241 177 159 45 20 95 28 7



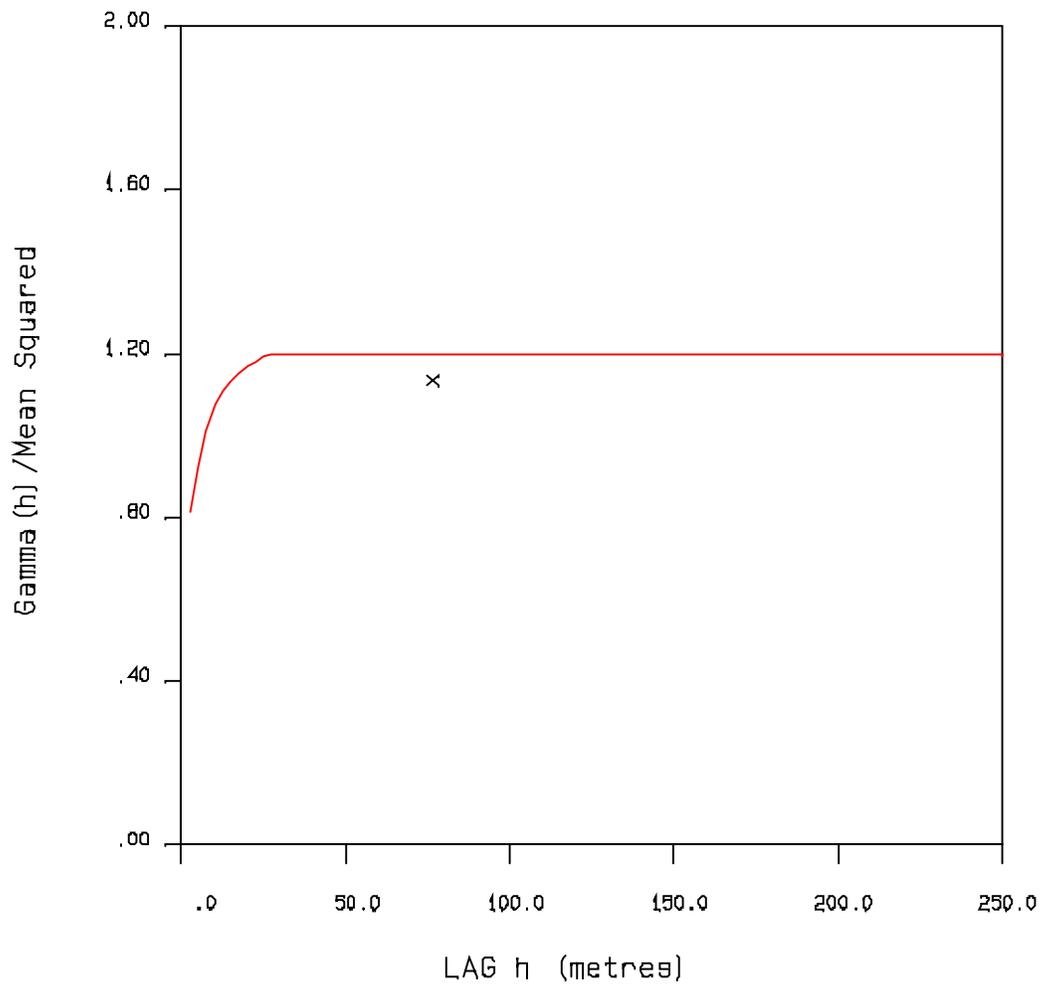
SCOTIA PB - GRID AZ 270 DIP -45

Semivariograms In Massive Sulphide Units for Pb Az 90 Dip -45

C0 = .700  
C1 = .280  
C2 = .220  
A1 = 12.0  
A2 = 30.0

Number of Pairs

333 640 250 66 21 20 29 21 1

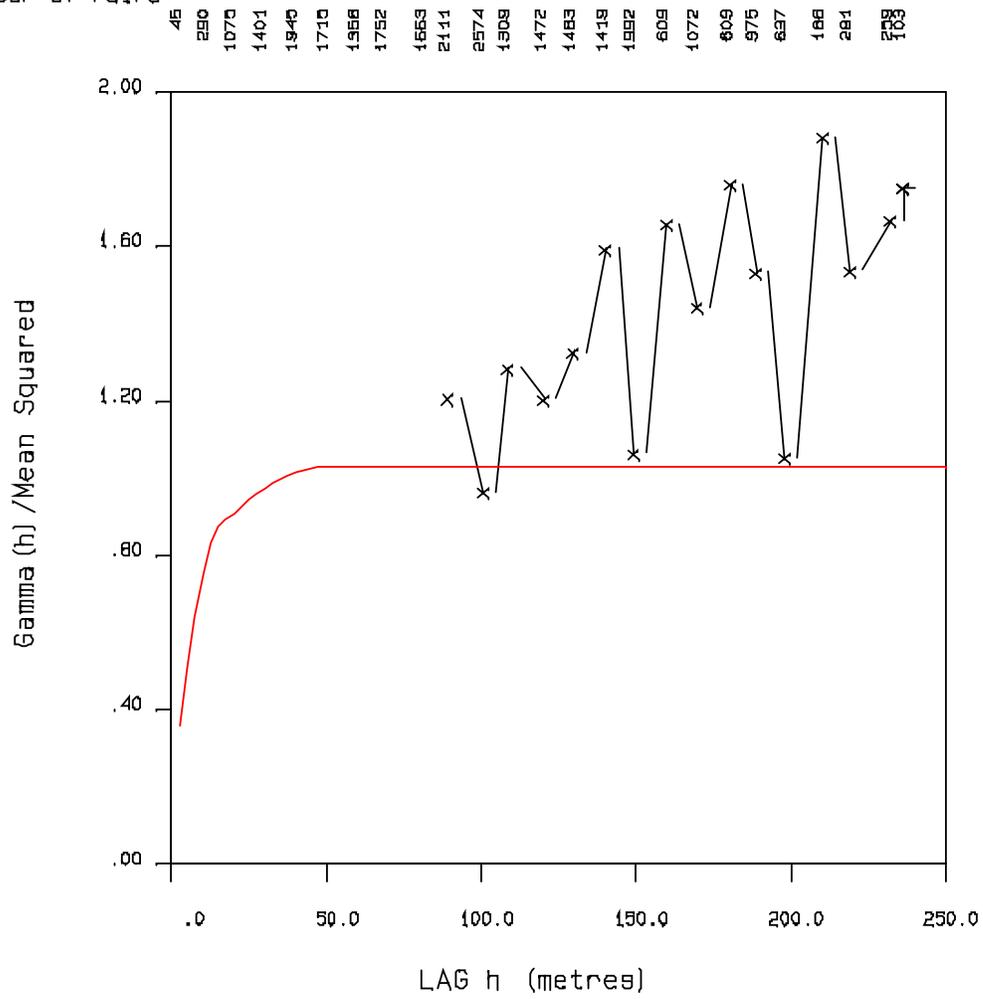


SCOTIA PB - GRID AZ 90 DIP -45

**Semivariograms In Massive Sulphide Units for Cu Az 0 Dip 0**

C0 = .200  
 C1 = .550  
 C2 = .280  
 A1 = 15.0  
 A2 = 50.0

Number of Pairs



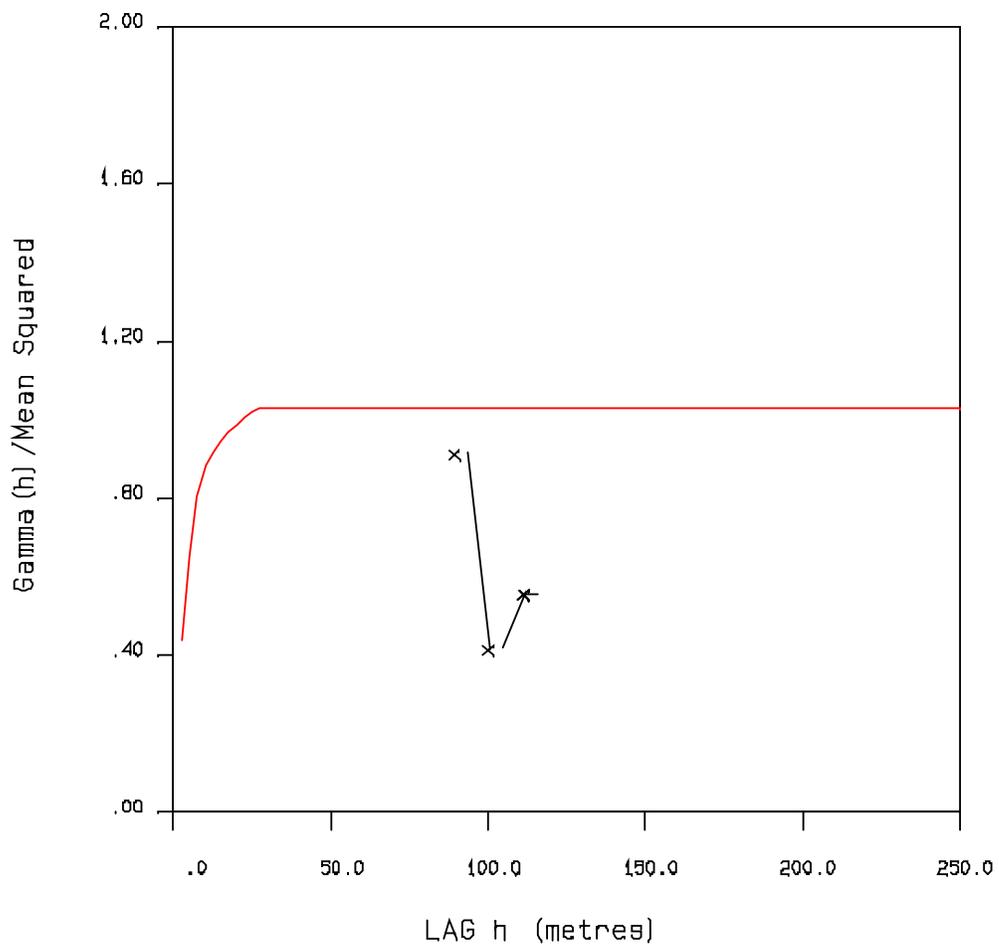
SCOTIA CU - GRID AZ 0 DIP 0

**Semivariograms In Massive Sulphide Units for Cu Az 270 Dip -45**

C0 = .200  
 C1 = .550  
 C2 = .280  
 A1 = 10.0  
 A2 = 30.0

Number of Pairs

0 133 340 241 177 159 45 20 56 28 7



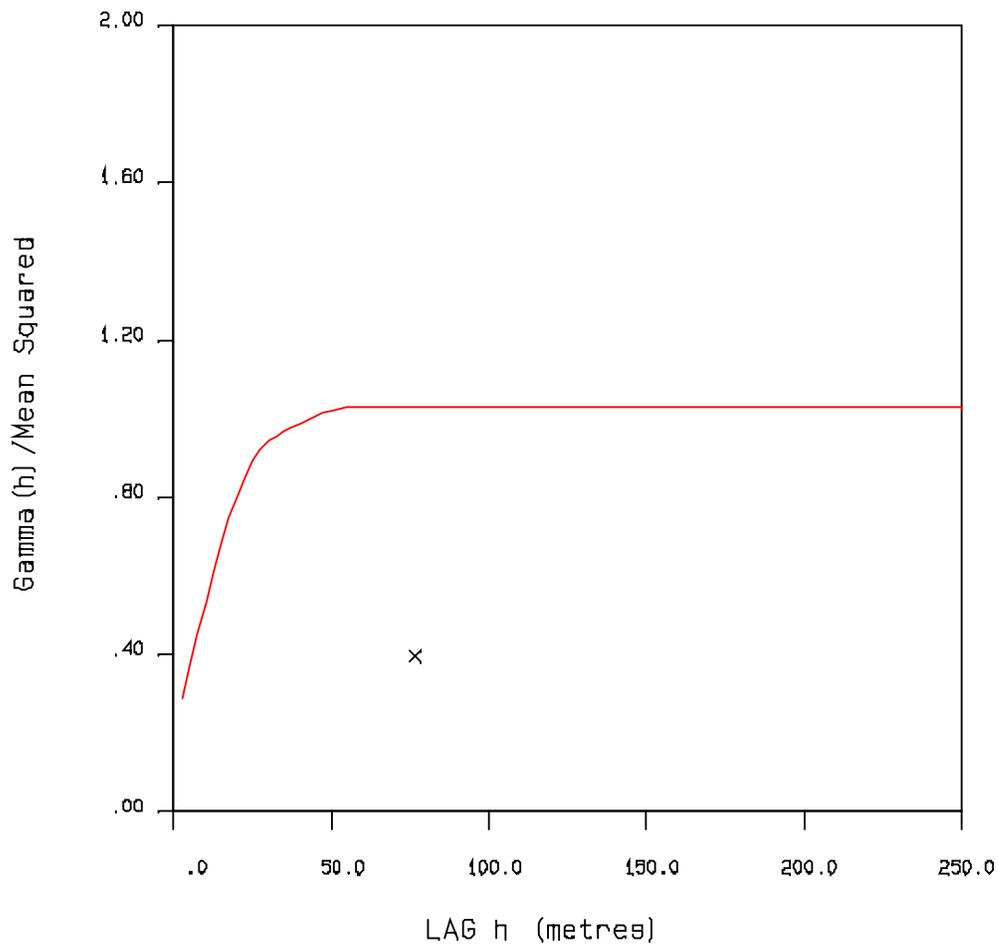
SCOTIA CU - GRID AZ 270 DIP -45

**Semivariograms In Massive Sulphide Units for Cu Az 90 Dip -45**

C0 = .200  
 C1 = .550  
 C2 = .280  
 A1 = 30.0  
 A2 = 60.0

Number of Pairs

333  
 640  
 250  
 66  
 21  
 20  
 39  
 21  
 1

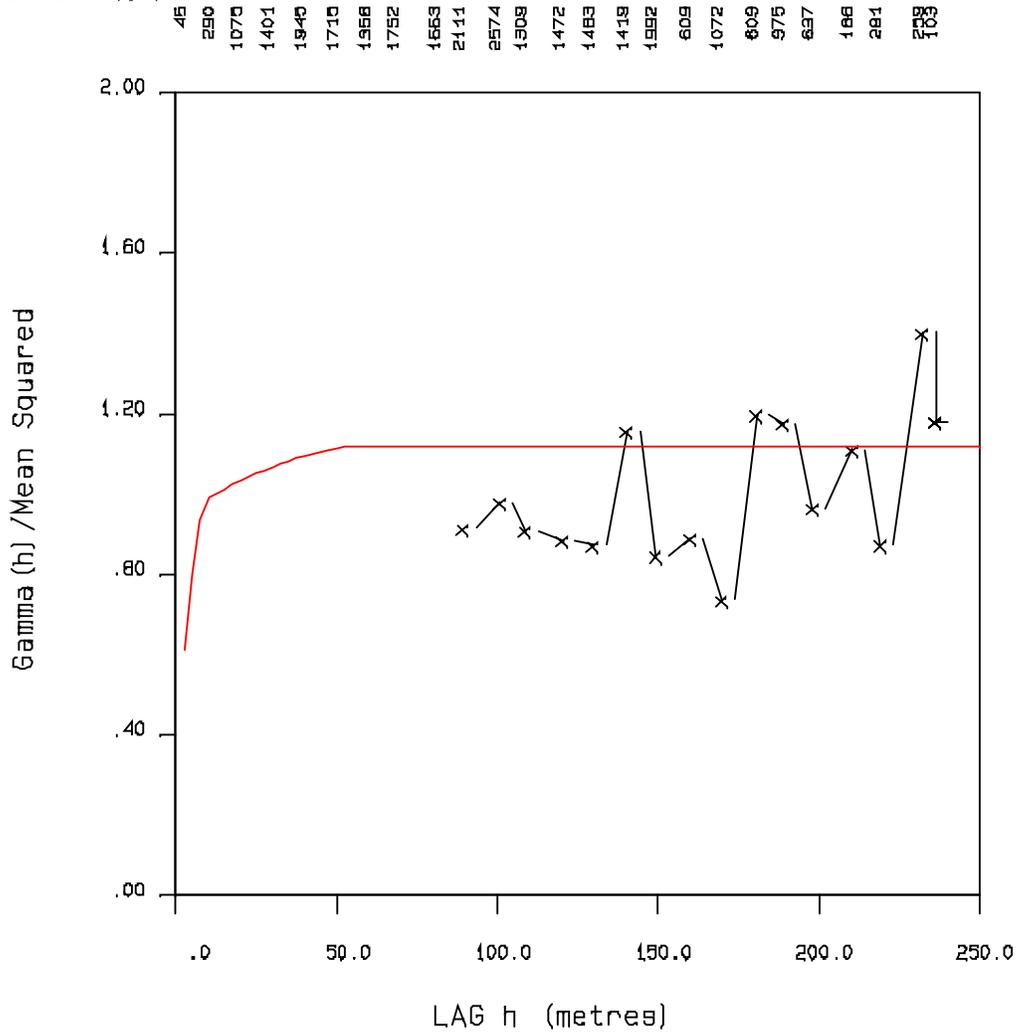


SCOTIA CU - GRID AZ 90 DIP -45

Semivariograms In Massive Sulphide Units for Ag Az 0 Dip 0

C0 = .400  
 C1 = .550  
 C2 = .170  
 A1 = 10.0  
 A2 = 60.0

Number of Pairs



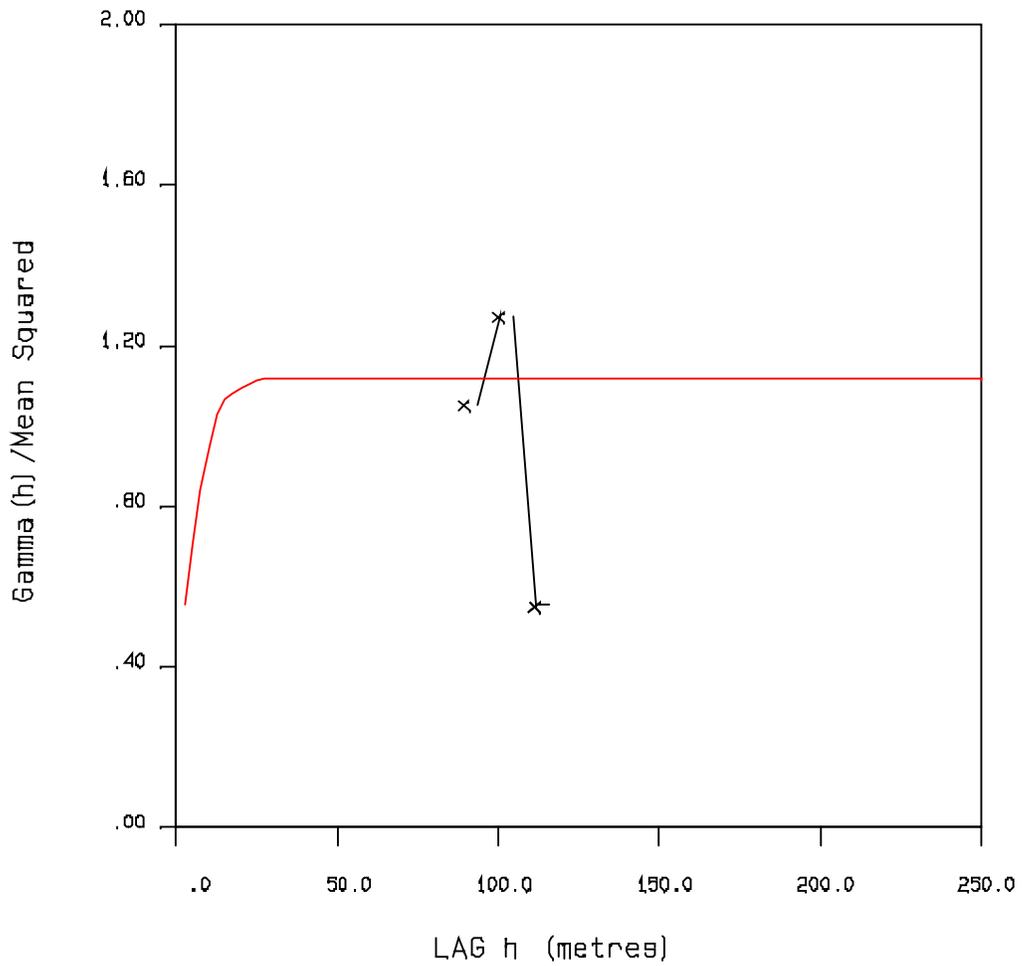
SCOTIA AG - GRID AZ 0 DIP 0

Semivariograms In Massive Sulphide Units for Ag Az 270 Dip -45

C0 = .400  
 C1 = .550  
 C2 = .170  
 A1 = 15.0  
 A2 = 30.0

Number of Pairs

5  
 133  
 340  
 241  
 177  
 159  
 45  
 69  
 20  
 96  
 28  
 7



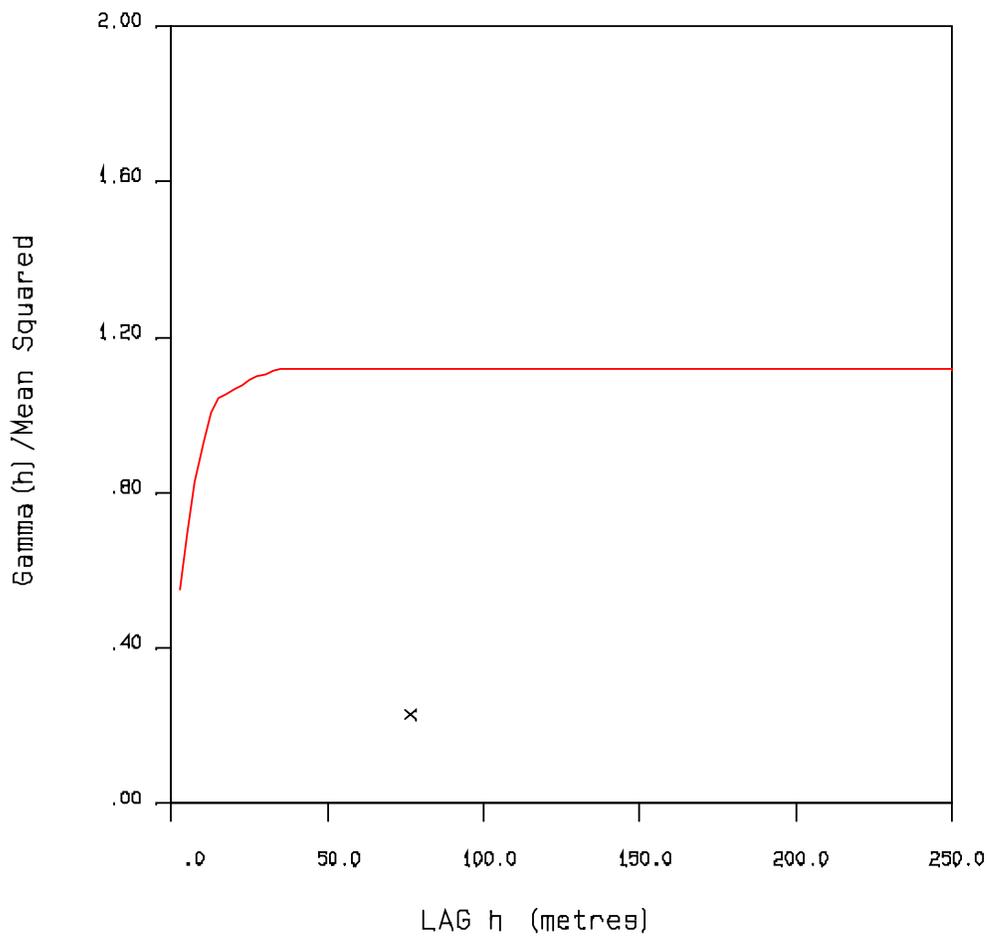
SCOTIA AG - GRID AZ 270 DIP -45

Semivariograms In Massive Sulphide Units for Ag Az 90 Dip -45

C0 = .400  
 C1 = .550  
 C2 = .170  
 A1 = 15.0  
 A2 = 40.0

Number of Pairs

333  
 640  
 250  
 66  
 21  
 29  
 99  
 21  
 1

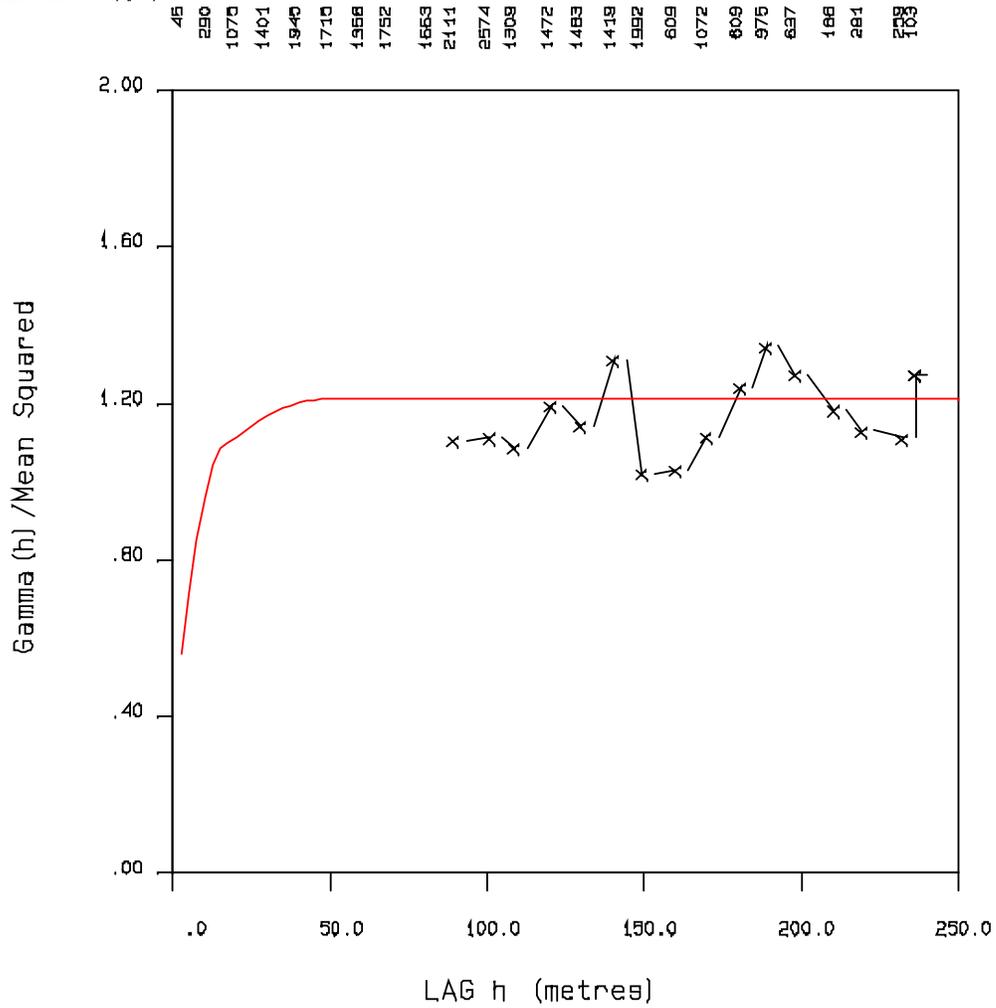


SCOTIA AG - GRID AZ 90 DIP -45

**Semivariograms In Massive Sulphide Units for Au Az 0 Dip 0**

C0 = .400  
 C1 = .580  
 C2 = .230  
 A1 = 15.0  
 A2 = 48.0

Number of Pairs



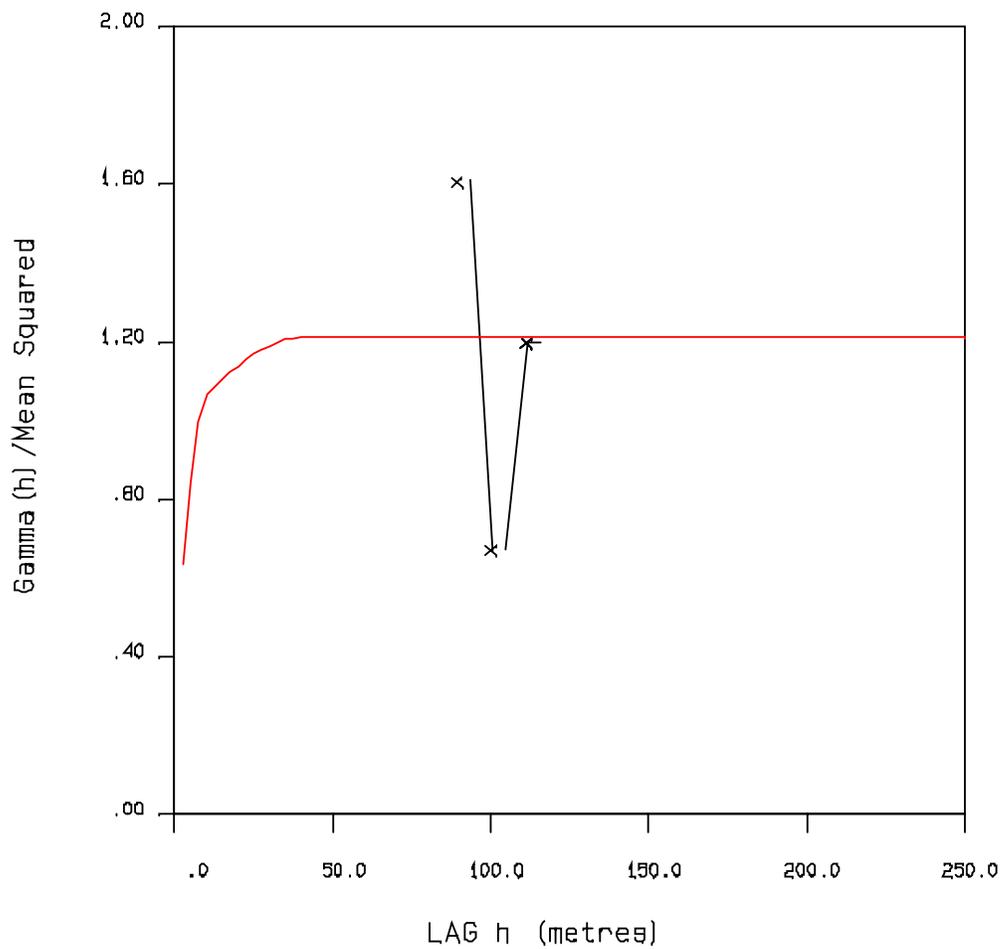
SCOTIA AU - GRID AZ 0 DIP 0

**Semivariograms In Massive Sulphide Units for Au Az. 270 Dip -45**

C0 = .400  
 C1 = .580  
 C2 = .230  
 A1 = 10.0  
 A2 = 40.0

Number of Pairs

0 133 340 241 177 159 129 20 56 28 7



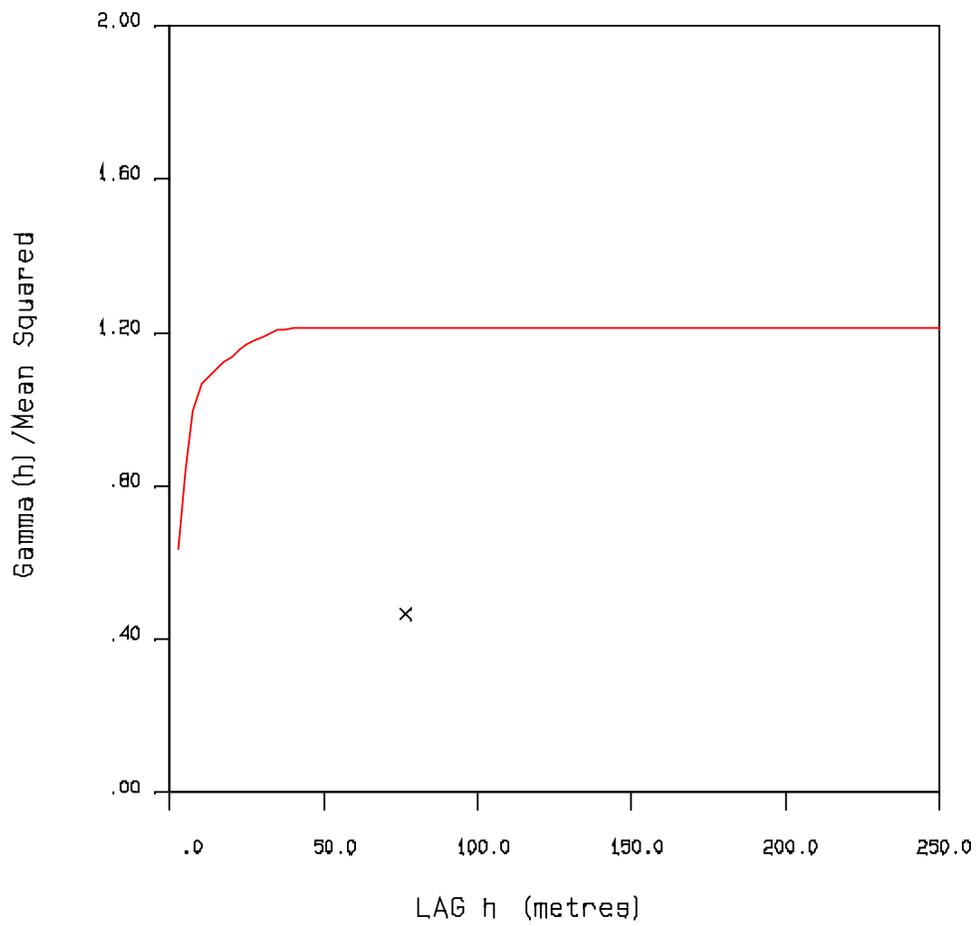
SCOTIA AU - GRID AZ 270 DIP -45

Semivariograms In Massive Sulphide Units for Au Az 90 Dip -45

C0 = .400  
C1 = .580  
C2 = .230  
A1 = 10.0  
A2 = 40.0

Number of Pairs

333  
640  
250  
66  
21  
25  
39  
21  
1



SCOTIA AU - GRID AZ 90 DIP -45