GEOCHEMICAL AND DIAMOND DRILLING REPORT ON THE DOLLY VARDEN PROPERTY

Watson Lake Mining District Y T
NTS 105H 2
(61°08'N 128°40'W)

for

SNOWDRIFT MINERALS INC
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by

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December 1996

Claims COX 1 16 (YB51272 YB512387)
LANCE 1 39 (YB15739 YB15744 YB45922 YB45927 YB56165 YB56191)
Location 128 kilometres north of Watson Lake Yukon
Date September 11 to October 9 1996

96 026

TABLE OF CONTENTS

Figures

Tables

Plates

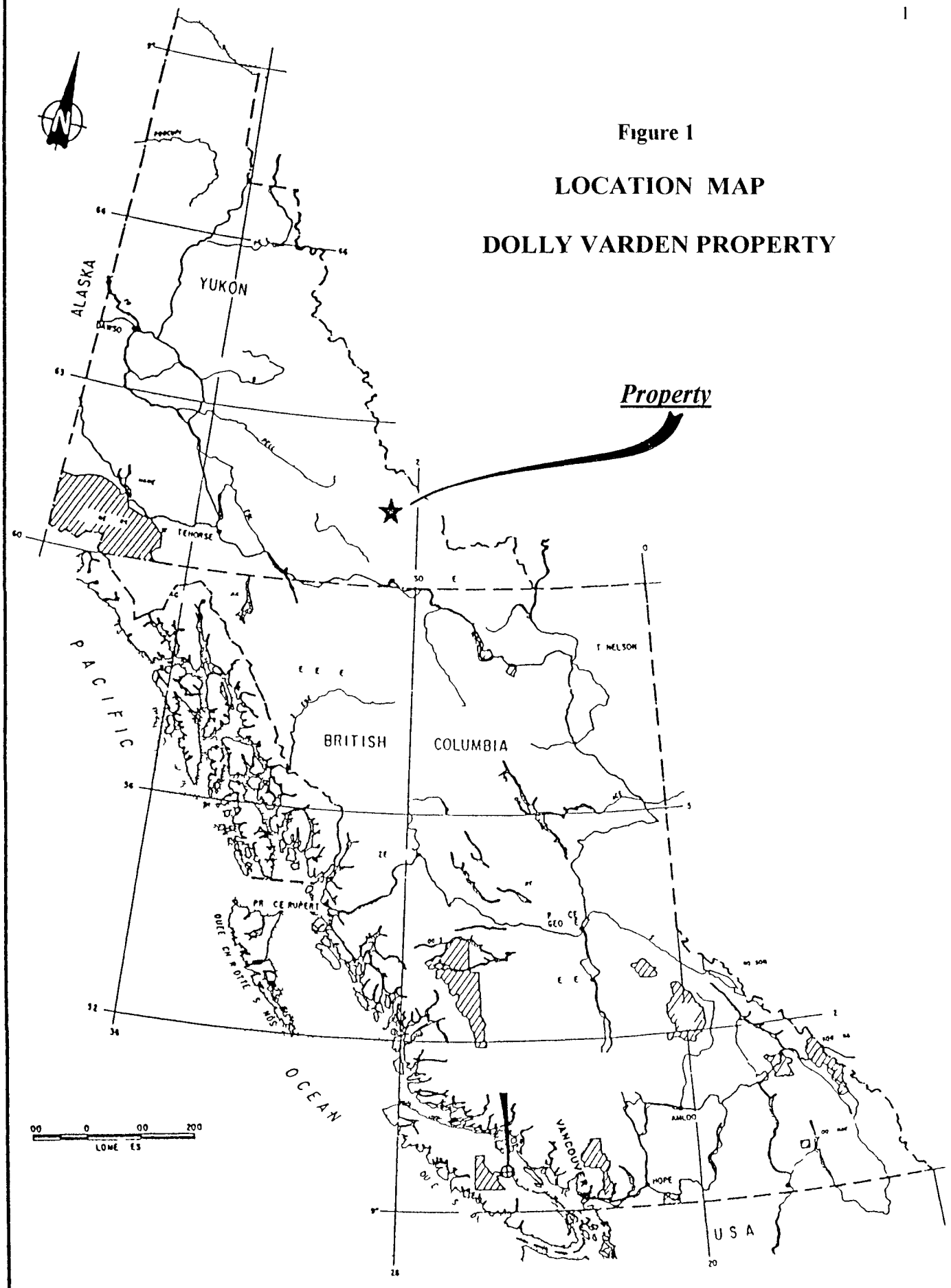


Figure 1

LOCATION MAP

DOLLY VARDEN PROPERTY

SUMMARY

Snowdrift Minerals Inc has an interest in 55 mineral claims situated in one contiguous block centered 128 kilometres north of Watson Lake in the Logan Mountains Watson Lake Mining District (105H/2) Yukon Territory The property is accessible by helicopter

The ground is located in an area underlain by metasediments believed to be Upper Devonian to Mississippian in age These rocks were intruded by Cretaceous quartz monzonite Easterly dipping diopside and wollastonite skarn bands containing sphalerite galena chalcopyrite pyrite pyrrhotite and scheelite occur within a quartzite unit There is evidence suggesting that the skarn host has been folded into a recumbent isocline A linear easterly trending magnetic low is centered over the suspect hinge of this fold This structure may thicken and enhance the mineral potential of the property

Diamond drilling conducted during the field season intersected several of the skarn bands The best of which assayed 11 58% Pb 9 6% Zn 43 8 gmt Ag and 0 017% W over 0 91 metres (3) and 0 83% Pb 11 30% Zn 78 30 gmt Ag 0 16% W over 1 82 metres (6) These results demonstrate that potentially economic values occur on the property Further work is therefore warranted to determine the extent of the skarn mineralization

In addition soil and rock sampling was undertaken on several areas of the property Results of this work explained one of the anomalies generated by previous work while results from the other area were inconclusive

A program of geophysics (magnetometer surveys) and continued diamond drilling is recommended to continue evaluation of the skarn zone

Respectfully submitted,
Amerlin Exploration Services Ltd.

Carl G Verley P Geo

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA C G VERLEY GEOSCIENTIST

Richmond B C
December 30 1996

INTRODUCTION

This report compiles results of work conducted on the Dolly Varden property under the supervision of the writer for Snowdrift Minerals Inc during the period September 11 to October 9 1996 The object of this work was to drill test the known showings on the property and further investigate the mineral potential of the rest of the claims

Location

The Dolly Varden property is centered 128 kilometres north of Watson Lake in the Logan Mountains Watson Lake Mining District Y T at latitude 61°08 N and longitude 128°40 W The property is situated on map sheet 105H/2 The ground straddles Dolly Varden creek valley and consists in the central and western parts of forested gently sloping valley bottom to steeper alpine ranges in the east Elevations range from about 900 to 1700 metres (2000 to 5600 feet) above sea level with the main showing being at about 1300 metres (4250 feet) A S L

Access

The property is best accessed by helicopter from Watson Lake A staging point found where the Cantung highway crosses Dolly Varden creek is 21 kilometres south of the claims and is suitable for slinging gear to the property An old bulldozer trail leads to the claims from the Cantung highway but it is overgrown in some areas

History

The property was first acquired by the Yukon Pacific Prospecting Group in 1964 as the AL claims Mapping and magnetometer surveys were reported to have been conducted on the property by this group (E A Ostensoe 1965) In 1967 the ground was acquired by H Kepper and Associates Waterton type airborne magnetometer EM and radiometric surveys were conducted on the claims (H S Aikens et al 1968) The ground was then optioned by Montana

Mines Limited Montana Mines Limited restaked the ground and conducted reconnaissance geochemistry ground magnetometer surveys and sampling in 1968 (B C Fulcher 1969) The COX claims were originally staked in 1970 by W R Cox however no records of work conducted on the property were recorded In 1970 Welland Consolidated Mining Ltd staked the area as the Queen claims however no work was reported In 1976 Cominco restaked the area as the MTB claims Magnetometer and IP surveys were conducted by Cominco in 1977 (A R Scott 1977) as well as bulldozer trenching in 1979 (A B Mawer 1980) In 1993 Alex Black acquired by staking the Lance 1 6 claims and conducted a limited hand trenching program for assessment purposes In 1994 Mr Black added the COX 1 16 and LANCE 7 12 claims Later during the 1994 field season Amerlin Exploration Services Ltd conducted a program of soil sampling and geophysics on the claims (Verley 1994) as well as staking the LANCE 13 39 claims on behalf of Snowdrift Minerals Inc The property had not been drill tested prior to 1996

PROPERTY

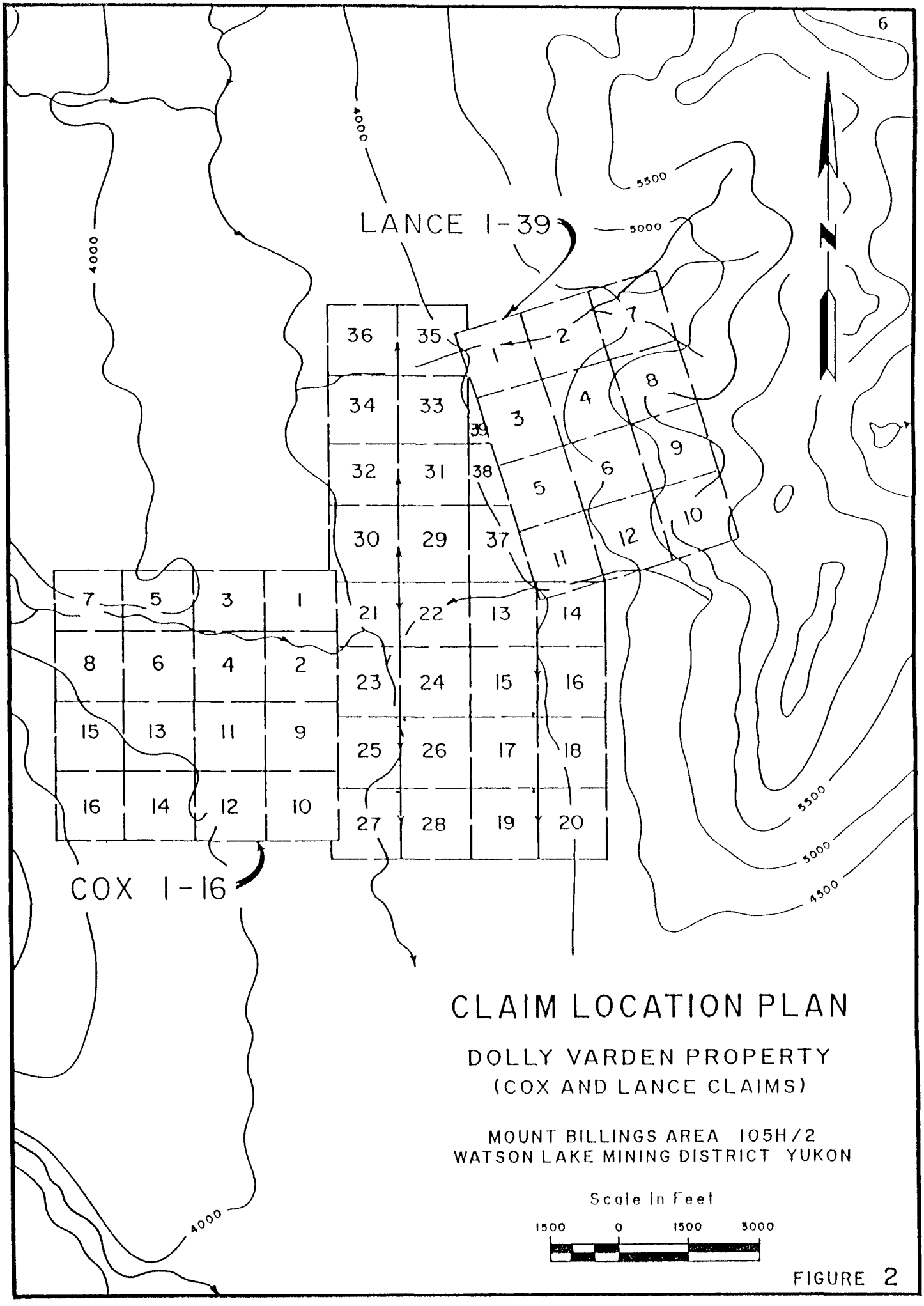
The property consists of a total of 55 contiguous full sized mineral claims as tabulated below and illustrated on Figure 2 The claims are located in the Mount Billings area Watson Lake Mining District Y T (NTS 105H/2)

The Cox 1 16 and Lance 1 39 claims are subject to an option agreement between the Snowdrift Minerals Inc and Messrs Alex Black and Lance Steigenberger

Table 1 MINERAL CLAIMS

Claims	Grant Numbers	Expiry Date
COX 1 16	YB51272 YB51287	July 19 1998*
LANCE 1 6	YB15739 YB15744	July 21 2003*
LANCE 7 12	YB45922 YB45927	July 14 2004*
LANCE 13 20	YB56165 YB56191	Sept 9 2001*
LANCE 21	YB56173	Sept 9 1997
LANCE 22	YB56174	Sept 9 2001*
LANCE 23 28	YB56175 YB56180	Sept 9 1997
LANCE 29 39	YB56181 YB56191	Sept 9 2001*

*Pending acceptance of assessment work



CLAIM LOCATION PLAN

DOLLY VARDEN PROPERTY
(COX AND LANCE CLAIMS)

MOUNT BILLINGS AREA 105H/2
WATSON LAKE MINING DISTRICT YUKON

Scale in Feet

1500 0 1500 3000

FIGURE 2

DRILL PROGRAM

A 2 hole 246 metre (809) diamond drilling program was conducted on the Lance 4 claim from October 2 to 9 1996 DJ Drilling Ltd of Watson Lake Yukon was the drill contractor A Longyear LH 70 drill rigged for NQ wire line core drilling was utilized

The drill and ancillary equipment were mobilized to the site by helicopter from the Dolly Varden staging point using a Bell 206C helicopter contracted from the Watson Lake base of Trans North Helicopters

Drilling commenced October 4 and was completed October 7 1996 A four man drill crew consisting of 2 drillers and 2 helpers split into teams operated in two 12 hour shifts

Ground conditions encountered during drilling were variable Phyllite encountered in the holes was relatively soft and quick to drill but quartzite sections associated with skarn and sulphide mineralization were very hard resulting in slow drilling through these intervals

Core Logging and Sampling

Drill core was logged at the drill site Intersections containing skarn and sulphide mineralization were shipped to Amerlin s warehouse in Richmond B C There they were split Split portions of the core were sent to Pioneer Laboratories Inc for analysis and assay

The writer s drill logs are found in Appendix A

Table 2 DIAMOND DRILL HOLE SUMMARY

Hole No	Northing	Easting	Elevation	Azim	Incl	Over burden	Total Depth	Date Begun	Date Finished
96 1	9715N	1525E	1310 m	090	60	14 33	139 60	Oct 04/96	Oct 06/96
96 2	9715N	1525E	1310 m		90	12 80	106 99	Oct 06/96	Oct 07/96

GEOLOGY

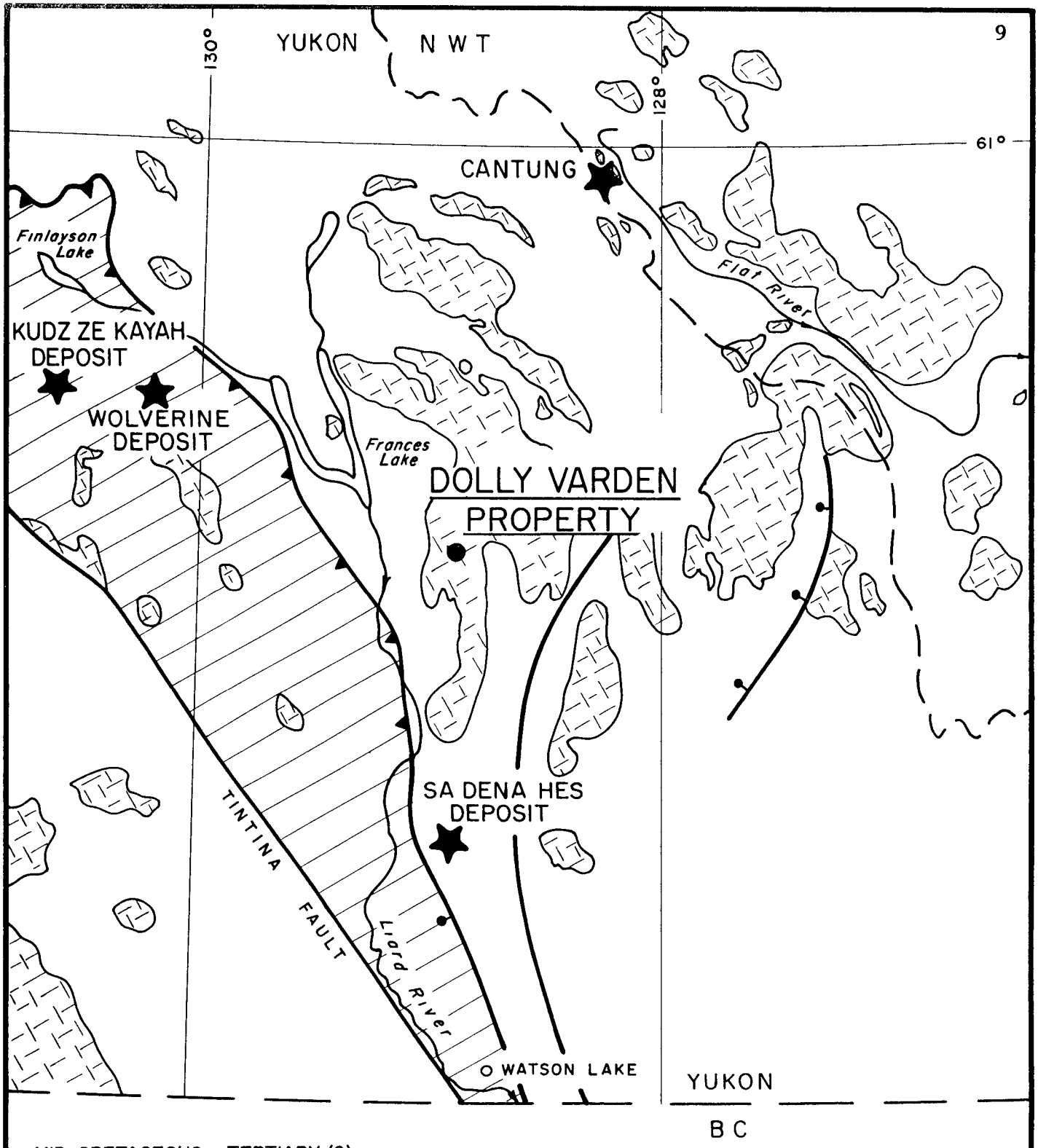
Regional

The property is situated in the northern extension of the Omineca belt east of the Tintina fault zone (Figure 3) Regionally the area is characterized by a succession of Proterozoic and Paleozoic miogeoclinal strata that is sediments fine clastics and carbonates that were probably derived from and deposited onto ancestral North America Numerous syn tectonic and post accretionary Cretaceous to Tertiary age plutons intrude this succession (Wheeler et al 1989) This plutonism has produced variable degrees of regional and contact metamorphism through out the area resulting in the development of a variety of mineral deposits The miogeoclinal prism to the west is overlain by allocthonous sediments and volcanics of the Paleozoic Yukon Tanana terrane (Mortensen 1992)

Property

The property is underlain by a variably deformed succession of presumably Devono Mississippian and older age metasediments which to the east are intruded by quartz monzonite

On the eastern part of the property these metasediments consist of gently easterly dipping phyllites to very fine grained schists ($uDMs_1$ & $uDMs_2$) which contain a section of interbedded fine grained quartzite or recrystallized chert and lesser impure limestone (uDMq) The phyllites contain finely disseminated pyrite and are rusty weathering near the contact with a quartz monzonite stock on the eastern part of the claims The quartzite limestone sequence is estimated to be approximately 25 to 30 metres (80 to 100 feet) thick and consists of interbedded thin bedded white to pale grey fine grained quartzite bands alternating with pale creamy limestone or dolostone bands and dark grey pelitic bands This quartzite section hosts Cu Zn Pb Ag W mineralization at the Skarn zone (Plate 1) Contacts between the phyllite and quartzite units are gradational In drill logs the contacts were determined based on an increase to over 50% of the



MID-CRETACEOUS - TERTIARY (?)

SYN AND POST TECTONIC GRANITIC INTRUSIVES

PALEOZOIC

YUKON TANANA TERRANE METASEDIMENTS AND VOLCANICS MAY INCLUDE SOME SLIDE MT TERRANE

PRECAMBRIAN - PALEOZOIC

ANCESTRAL NORTH AMERICA SEDIMENTS

THRUST AND NORMAL FAULTS

GEOLOGICAL SETTING DOLLY VARDEN PROPERTY

YUKON TERRITORY

0 50

SCALE IN KILOMETRES

FIGURE 3

section containing bands of quartzite versus phyllite Small scale recumbent isoclinal folds having easterly trending fold axes occur in exposures of the phyllites immediately east of the Skarn zone indicating that this sequence has been highly deformed This structural trend is parallel to a magnetic low centered at the Skarn zone which suggests that tectonic thickening of the quartzite unit (uDMq) may occur there

Exposures of southerly dipping grey weathering thin to medium bedded quartzite to dolomitic quartzite (uDMqd) occur on the southern part of the property along Dolly Varden creek What appear to be fossil bivalve fragments were found in outcroppings of the unit at the point where the creek draining the Cox zone flows into Dolly Varden creek The stratigraphic position of the quartzite unit (uDMqd) is uncertain at the present Initial mapping by Verley (1994) suggested that it may overly the phyllite units ($uDMs_1$ & $uDMs_2$ including uDMq) However relationships with other older units on the COX claims suggest that it may underlay the phyllite units

Southerly and westerly dipping exposures of phyllite on the COX claims may be older than exposures on the east In particular very carbonaceous black phyllite containing quartz carbonate veinlets and breccia veins at the Cox zone may be Silurian in age (Road River formation equivalent?)

On the eastern part of the property a quartz monzonite pluton (Kqm) intrudes the phyllites The quartz monzonite is a blocky grey weathering biotite hornblende bearing medium grained equigranular to weakly porphyritic rock Near or at the contact with the phyllites the quartz monzonite is typically rusty weathering and locally has pyrite rich sections This intrusive is believed to have been responsible for much of the skarn development in the metasediments

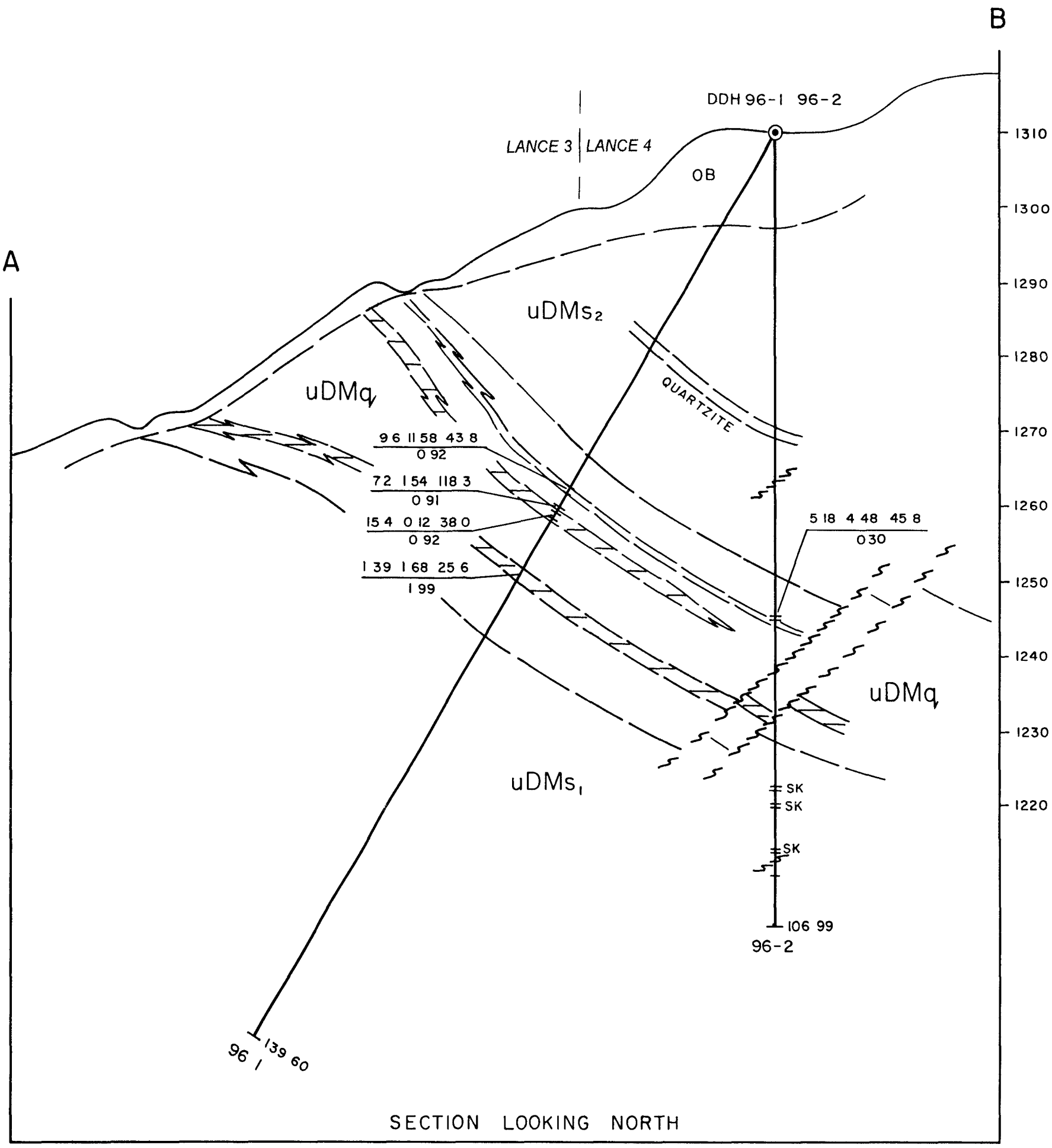
MINERALIZATION

On the Dolly Varden property the prime mineralized area is a skarn zone located in a limestone quartzite section of the phyllite sequence on the northeastern part of the property Mineralized float boulders up to 5 tons in size were found on the property during initial prospecting Later when Cominco held the property a series of trenches were cut with a bulldozer and revealed the source of some of the skarn boulders The trenching exposed the skarn band for a strike length of over 100 metres Attempts at exposing the horizon beyond this appear to have met with difficulty because of increasing thickness of overburden

During the 1996 season 2 diamond drill holes from the same setup were drilled to test the skarn horizons located by the trenching This activity was successful in locating a number of skarn bands Assay data for those with significant mineralization are tabulated below and illustrated on Figure 4

Table 3 Drill Hole Assay Data

Hole	From	To	Length	Pb %	Zn %	Ag G/T	Au G/T	Cu ppm	W %
96 1	181 5	184 5	3 0	11 58	9 6	43 8	0 14	4121	0 017
96 1	184 5	191 0	6 5	>1 00	>1 00	>5 0	0 01	15	0 001
96 1	191 0	194 0	3 0	1 54	7 2	118 6	0 08	97	0 092
96 1	194 0	197 0	3 0	0 12	15 4	38 0	0 15	153	0 270
96 1	197 0	201 0	4 0	>1 00	~1 00	>5 0	0 03	351	0 051
96 1	201 0	207 0	6 0	>1 00	>1 00	>5 0	0 01	20	0 032
96 1	207 0	213 5	6 5	>1 00	>1 00	>5 0	0 02	86	0 002
96 1	222 5	228 0	5 5	1 68	1 39	25 6	0 06	15	0 003
96 2	214 0	215 0	1 0	4 48	5 18	45 8	0 05	11	0 014
96 2	256 0	260 0	4 0	>1 00	>1 00	>5 0	0 25	444	0 001
96 2	293 0	294 5	1 5	>1 00	>1 00	>5 0	0 02	32	0 002
96 2	299 0	300 5	1 5	>1 00	>1 00	>5 0	0 01	178	0 020



SECTION LOOKING NORTH

LEGEND

QUATERNARY

OB - OVERBURDEN GLACIAL TILL

UPPER DEVONIAN - MISSISSIPPIAN

$uDMS_{1\,2}$ - PHYLLITE

uDMq - QUARTZITE

SKARN HORIZONS WITHIN QUARTZITE

INFERRED LITHOLOGIC CONTACT

DDH 96 1 DIAMOND DRILL HOLE

ASSAY DATA

96 11 58 43 8 Zn/ Pb/ Ag grm/tn
0 92 INTERCEPT IN METRES

NOTE REFER TO PLATE 2 FOR SECTION LOCATION ELEVATIONS IN METRES A S L

SNOWDRIFT MINERALS INC

DRILL HOLE SECTION A-B

LANCE 3, 4 CLAIMS
DOLLY VARDEN PROPERTY

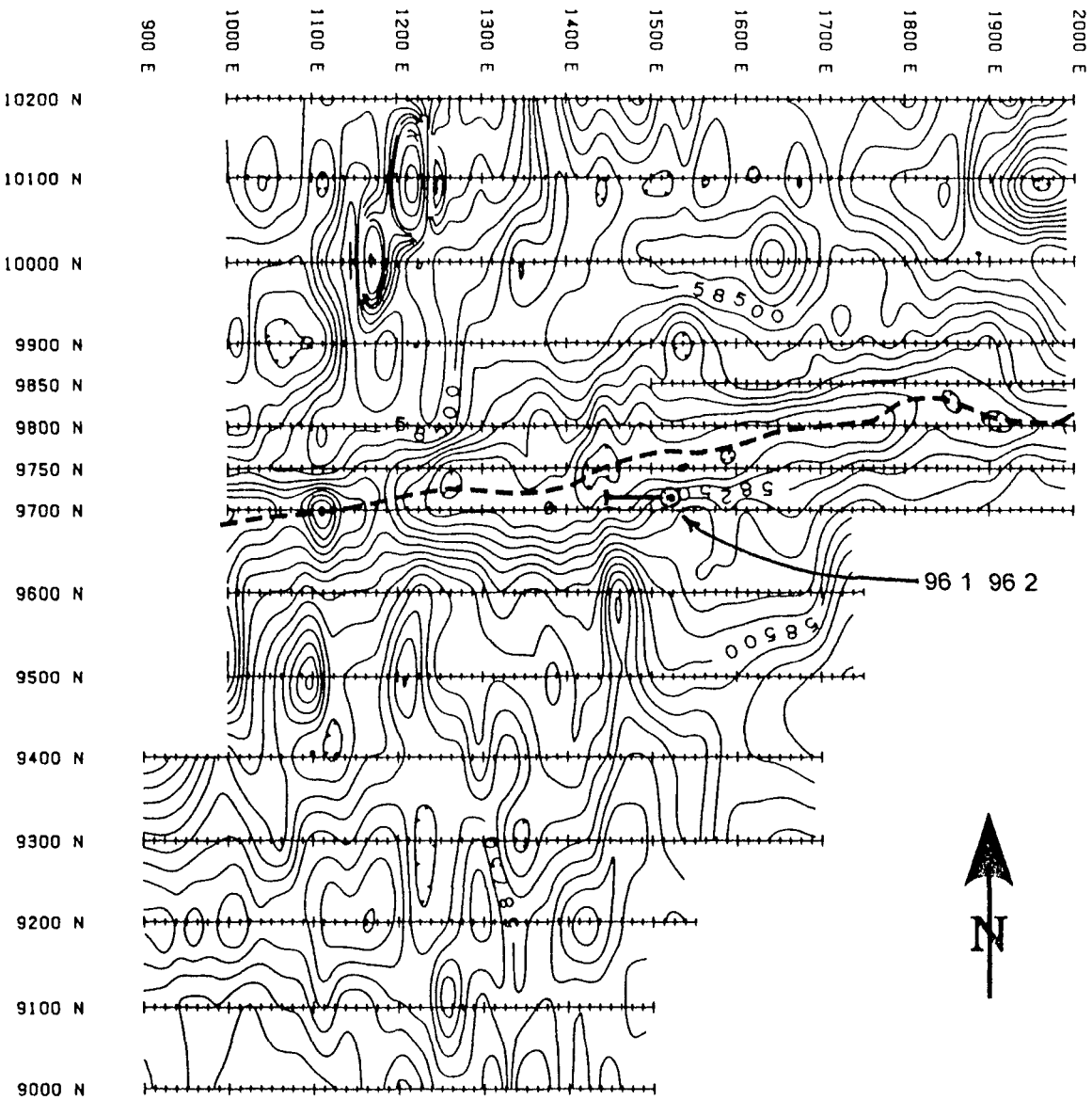
MOUNT BILLINGS AREA 105H/2
WATSON LAKE MINING DISTRICT YUKON TERRITORY

1 600

0 10 20 30 40

SCALE IN METRES

FIGURE 4



○ 96 1 Diamond Drill Hole Location

Note Refer to Plate 1 for location with respect to claims

Axis of magnetic field low

0 150
metres

Contour interval 50 nT

SNOWDRIFT MINERALS INC	Claims. LANCE 1 39 COX 1 16
DOLLY VARDEN PROPERTY Total Magnetic Field	Mining District Watson Lake YT
	NTS 105 H2 | Scale 1
	Drawn by MAP
AMEROK GEOPHYSICS	DATE 12 SEP 94 | Figure 4B

Typically the skarn bands grade from a quartz wollastonite assemblage into a diopside rich core Best sulphide mineralization which is locally massive is associated with the diopside rich sections However lower tenor mineralization occurs as disseminations out into the quartz wollastonite zones

In drill hole 96 1 3 mineralized skarn bands were intersected From 55 32 to 56 24 metres (181 5 184 5) a band of medium grained massive sulphide occurs and consists of sphalerite (9 6% Zn) galena (11 58% Pb) chalcopyrite (4121 ppm or ~0 4% Cu) and scheelite (0 017% W) From 59 13 to 59 74 metres (194 196) a band of diopside skarn rich in amber sphalerite (15 4% Zn) with scheelite (0 27% W) occurs Then from 67 97 to 69 50 metres (223 228) a band of diopside skarn with minor sphalerite (1 39% Zn) and galena (1 68% Pb) was intersected Scheelite occurs erratically disseminated throughout the skarn bands with the greatest concentration found associated with the diopside rich skarn from 59 13 to 59 74 metres Several other weakly mineralized skarn bands were noted in this hole (refer to drill logs Appendix B)

In drill hole 96 2 a diopside skarn band which is interpreted to correlate with the upper mineralized skarn band in hole 96 1 occurs from 65 23 to 65 53 metres (214 215) and is mineralized with sphalerite (5 18% Zn) galena (4 48% Pb) and scheelite (0 014% W) Although a number of other narrow skarn bands occur in hole 96 2 these are not interpreted as being equivalent to the other mineralized bands in hole 96 1 Part of the reason that the lower mineralized skarn bands in hole 96 1 may not appear in hole 96 2 is possibly due to faults which have displaced these bands (refer to Figure 4)

Geophysical surveys conducted on the property in 1994 (Power 1994) indicated that a pronounced linear easterly trending magnetic low underlies the area of the Skarn zone (Figure 4B) This magnetic low may reflect the low magnetic susceptibility of the quartzite unit (uDMq) The linear shape to the low may indicate tectonic thickening by recumbent isoclinal folds of the quartzite in this area If this is the case it is possible that the mineralized skarn bands may also thicken in this area Drill holes 96 1 and 96 2 were drilled on the edge of this anomaly Drilling in and along the center of the anomaly is therefore warranted to test the area for thicker

mineralized skarn bands Further magnetometer surveys are also recommended to close off the magnetic low particularly to the east and northeast near the intrusive contact as well as to the west A deep hole may be warranted to test for the continuation of quartzite carbonate units underlying the known sequence and correlating with unit uDMqd as this unit based on its composition has potential for hosting skarn mineralization near the intrusive contact

Skarn mineralization at the Skarn zone is not in direct contact with an intrusive body This could be taken as evidence that the mineralization at this zone formed prior to the emplacement of an intrusive (i e is syngenetic) and has merely been reworked by the intrusive to the east The origin of the quartzite unit is uncertain at present It could have developed as a chemical precipitate that is an exhalative chert carbonate sequence distally during a period when volcanogenic massive sulphide mineralizing processes were active in the area If this is the case then a very close examination of the area is strongly recommended as volcanogenic massive sulphide deposits are found in this stratigraphy in other parts of the Yukon

GEOCHEMISTRY

During the 1996 field season soil and rock sampling was conducted on the LANCE and COX claims On the LANCE claims lines were extended from the existing grid to cover areas on the southern edge of Anomaly II (Plate 1) and 51 soil samples were collected there In addition a series of rock samples of predominantly quartz vein and/or quartzite were collected in this area A small grid was laid out over a portion of the COX claim and 68 soil samples were collected

All sample sites were flagged and labeled Samples were placed in numbered bags and delivered to Pioneer Laboratories Ltd in New Westminster B C There samples were dried pulverized as needed and sieved to 80 mesh A 0 5 gram portion of each sieved sample was digested in 3 ML of a 3 1 2 solution of HCl HNO_3 and H_20 at 95°C for one hour then diluted with water to a 10 ML solution Gold analysis was by atomic absorption from a 10 gram sample Inductively coupled argon plasma (ICP) technique was used to analyze 0 5 grams samples for Mo Cu Pb Zn Ag Ni Co Mn Fe As U Th Sr Cd Sb Bi V Ca P La Cr Mg Ba Al Na K and W An interpretation of the data in terms of background and anomalous categories is tabulated below (Table 4) A discussion of the results follows

On the Lance grid extension lines (Figures 5 10 Appendix B) values in soils along the sampled lines range up to 128 ppm Pb 490 ppm Zn 1 8 ppm Ag 14 ppb Au 150 ppm Cu and 196 ppm As These values together with their distribution across lines suggests that Anomaly II is waning to the south Rock sampling was carried out over the southern part of Anomaly II in conjunction with the soil sampling The object of this work was to try determine the source for this anomaly Prior work in the area suggested that a stockwork of quartz veins in phyllite adjacent to the intrusive contact may host low grade copper gold mineralization Rock sampling of quartz veins returned relatively low copper (up to 98 ppm) and gold (up to 45 ppb) values It is now concluded that the majority of what were thought to be quartz veins are actually thin quartzite bands within the phyllite

Table 4 Summary & Interpretation of Soil Analyses

Lance Grid Extension

	Lead ppm	Zinc ppm	Silver ppm	Gold ppb	Copper ppm	Molybdenum ppm	Tungsten ppm	Arsenic ppm
Range	9 128	34 490	0 3 1 8	1 14	10 150	1 5	2 3	2 196
Background[1]	2 46	13 147	0 1 0 5	1 6 5	2 52			2 18
Anomalous[1]	47+	148+	0 6+	7+	53+			19+

[1] Background & anomalous categories from 1994 data (Verley 1994)

Cox Grid

	Lead ppm	Zinc ppm	Silver ppm	Gold ppb	Copper ppm	Molybdenum ppm	Tungsten ppm	Arsenic ppm
Range	3 29	7 140	0 3	1 3	1 14	1 4	2 4	2 29
Mean	12	47	0 3	1	5	1	2	3
Median	11	43	0 3	1	5	1	2	2

On the Cox grid (Figure 11 16 Appendix B and Plate 1) soil samples were collected from a small grid that was established in order to test for geochemical extensions to the COX zone The area sampled is underlain by what probably consists of a transported and reworked sandy lacustrine material Therefore the sampling may not give a response indicative of local bedrock The results are considered to be inconclusive regarding mineral potential of the area

CONCLUSIONS

Snowdrift Minerals Inc has an interest in 55 mineral claims located in the Mount Billings area Watson Lake Mining District Yukon The claims are situated 128 kilometres north of Watson Lake Access is by helicopter

The property is underlain by a succession of Devono Mississippian and older pelitic rocks with interbedded quartzites and carbonates A skarn zone that has been exposed in trenches on the claims extends laterally for 100 metres and dips moderately to the east toward a contact with quartz monzonite Diamond drilling in 2 holes in 1996 intersected several skarn bands the best of which assayed 11 58% Pb 9 6% Zn 43 8 gmt Ag and 0 017% W over 0 91 metres (3) and 0 83% Pb 11 30% Zn 78 30 gmt Ag 0 16% W over 1 82 metres (6) This work successfully demonstrates that potentially economic mineralization occurs on the claims

Recumbent isoclinal folding may thicken the skarn host unit and the skarn bands themselves on the claims There is geophysical evidence in the form of a linear easterly trending magnetic low in support of this notion Therefore further diamond drilling is warranted to test this area

A program of further work consisting of geophysics and diamond drilling is strongly recommended to further evaluate the skarn zone

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APPENDIX A

DRILL LOGS

DRILL LOG LEGEND

Dolly Varden Property

Lithology

Quaternary

OB	Overburden glacial till

Upper Devonian Mississippian

uDMs$_2$	Phyllite
uDMq	Quartzite
uDMs$_1$	Phyllite

Structure

f70°	Angle of foliation as measured from core axis = 0
	vein or quartzite band
	shear or fault zone
	breccia

Mineral

chl	chlorite	
cpy	chalcopyrite	
CuOx	copper oxides malachite	
Dp	diopside	
Epid	epidote	
PbS	galena	Tr = trace
Po	pyrrhotite	
Py	pyrite	
Wo	wollastonite	
ZnS	sphalerite	

Alteration

chl	chloritization
seric	sericitization
SK	skarn

DIAMOND DRILL SUMMARY LOG

SNOWDRIFT MINERALS INC DOLLY VARDEN PROPERTY

Dolly Varden Creek Area, Yukon

Hole No	96 1	Northing	9715N
Claim	LANCE 3 & 4	Easting	1525E
Azimuth	090	Elevation	1310 m
Inclination	60°	Depth	139 60 m (458)

Interval		Geology	Significant Assays					
To	From		To	From	Zn %	Pb %	Ag gmt	W %
0 0	14 33	Overburden						
		Upper Devonian-Mississippian						
14 33	50 45	Phyllite						
50 45	78 03	Quartzite including	55 32	56 24	9 6	11 58	43 8	0 017
		massive sulphide skarn 55 32 56 24						
		diopside skarn 59 13 59 74	58 22	59 13	7 2	1 54	118 3	0 092
		diopside skarn 67 97 69 50	59 13	60 05	15 4	0 12	38 0	0 27
78 03	139 60	Phyllite						

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No	96 1	**Inclination**	60	**Azimuth**	090	**Logged by** C Verley	**Page** 1 **of** 19
Claim	LANCE 3 & 4	**Date Begun**	Oct 4/96	**Date Finnished**	Oct 6/96		
Northing	9715N	**Easting**	1525E	**Total Depth**	139 60 m (458)		

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS Cased to 15 24 m (50) DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	OB				**OVERBURDEN** to 14 33 m (47) consists of sand with granitic boulders						
1											
2											
3											
	OB										
4											
5											
6											
	OB										
7											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
					OVERBURDEN continued						
8	**OB**										
9											
10											
11	**OB**										
12											
13											
14	**OB**										
15	[illegible]				**PHYLLITE** 14.33 m (47.) to 50.45 m (165.2) Medium to dark grey and laminated phyllite						

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMs2	qtz			**PHYLLITE** continued					
16		qtz								
17		f 75			Foliation @ 75 to CA					
18	uDMs2		CuOx	Seric ?	18 29 18 59 m (60 61) White carbonate band grades out or is enveloped by white to greyish quartz Green malachite stain on fractures Fragments of phyllite within vein are bleached to a pale brownish grey					
19		qtz								
20		qtz								
21		qtz								
22	uDMs3									
23										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs$_2$				**PHYLLITE** continued Badly broken comes apart on foliation planes and poor recovery from 22 32 m (68 to 105)						
24		qtz+chl									
		qtz									
25											
26											
27	uDMs$_2$	f72									
28		qtz									
29											
30	uDMs$_2$										
31											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
32	uDMs	qtz			**PHYLLITE** continued 32 53 22 m (105 109) 4 20 to 30 cm thick quartz carb? veins parallel foliation						
33			Py		32 61 39 62 (107 130) phyllite is dark grey with abundant grey quartz lamellae and some thicker (2 3 cm) quartz seams Minor pyrite occurs along foliation planes						
34			Py								
35	uDMs										
35											
36											
37	uDMs			seric ?	7 19 m (122) pale brownish grey seams in phyllite seric /clay alteration ?						
38											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMs$_2$				**PHYLLITE** continued					
39										
40		f70								
41		qtz		SK	41 15 41 60 m (135 136 5) Quartz vein upper part sheared with trace amber ZnS & PbS on fractures with clay/seric ? lower part has mixed wollasonite and quartz					
42	uDMs$_2$	f69	Tr Zns/PbS	seric	**Note** from ~ 42 ɔ0 45 m (138 16ɔ ɔ) phyllite is slightly bleached > weakly sericitized? Alteration becomes slightly more intense at ~ 46 3ɔ m (1ɔ2) downward					
43		qtz		seric	42 06 42 ɔ2 m (1ɔ8 1ɔ9 5) relatively massive whitish qtz vein					
44		qtz	Tr PbS/ZnS							
45	uDMs$_3$		Tr PbS/ZnS	seric						
46		qtz								

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMs2			seric	**PHYLLITE** continued					
47		f60								
48		qtz		seric						
49										
	uDMs2									
50		qtz		seric	50 45 52 27 m (165 5 171 5) Whitish massive quartz vein ? or quartzite ? with trace PbS on fractures with chlorite					
	uDMq			chl	**QUARTZITE** 50 45 78 03 m (165 5 256)					
51			Tr PbS/ZnS		White to greyish white and creamy coloured medium to course grained quartz Narrow bands take on appearance of veins parallel foliation but on the whole this material is interpretted to be recrystallized quartzite					
52										
		Pb		seric						
53		qtz wol	ZnS/PbS Wo/Dp	SK						
	uDMq									
54				seric	52 88 53 65 m (173 5 176) Wollastonite quartzite band Top has pod of diopside with disseminated PbS/ZnS					

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
					* denotes values in ppm under Assay Data					
	uDMq		Cpy ZnS		**QUARTZITE** continued					
55										
			ZnS Cpy PbS	SK	55 32 56 24 m (181 5 184 5) Massive ZnS Cpy Pbs band terminates down hole in quartzite band with trace Zns/PbS in fractures Quartzite has some remant phyllite partings now altered to clay/seric	9 6	11 58	43 8	0 017	
56			ZnS/PbS	SK						
57	uDMq					4502	251	1 7	6	
					57 61 m (189) greenish mineral diopside/epidote? with trace ZnS					
58										
					58 52 m (192) ~10 cm band of massive ZnS	7 2	1 54	118 6	0 092	
59			ZnS/Dp	SK						
			Py	SK	59 13 59 74 m (194 196) Diopside rich (>50%) section Then goes into quartz rich section with trace pyrite/pyrrhotite to 60 96 m (200) then goes into diopside rich section to 61 27 (201) then back into quartz rich section with chlorite & epidote/diopside?	0 12	15 4	38 0	0 27	
60										
			Dp			11957	815	10 2	24	
61	uDMq			SK						
					61 27 63 09 m (201 207) quartzite with trace pyrite chlorite & epidote/diopside	990	370	2 4	20	
62										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS * denotes values in ppm under Assay Data DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMq				**QUARTZITE** continued	990	370	2 4	205	
63					63 09 65 10 m (207 213 5) massive quartzite with trace pyrite Zns PbS esp @ 64 31 m (211)					
64			Pv//PbS			2615	940	3 7	4	
65					65 10 67 97 m (213 5 223) alternating bands of recrystallized quartzite and phyllite					
66	uDMq				66 45 67 97 m (218 223) section contains wollastonite and is cut by calcite stringers (crackle breccia)					
67										
68				SK	67 97 69 50 m (223 228) Diopside skarn band with disseminated ZnS PbS & pyrite & cross cutting calcite stringers					
			ZnS	SK		1 39	1 68	25 6	0 003	
69	uDMq			SK						
				SK						
			PbS	SK	69 50 ~70 10 m (228 230) massive recrystallized quartzite with shears & local sections of disseminated pyrite					
70			Py							

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMq	f85			**QUARTZITE** continued						
71					70 10 73 15 m (230 240) phyllite with quartz sericite alteration?						
					71 63 72 85 m (235 239) rusty broken zone cavity dissolution?						
72					Quartz chlorite healed shear @ 72 39 m						
73	uDMq										
		f76			73 15 78 03 m (240 256) Phyllite with alternating quartzite						
74					wollastonite bands						
75					74 99 75 29 m (246 248) late cross cutting carbonate						
					stringers & breccia veins						
76											
77	uDMq										
78											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs₂				**PHYLLITE** 78 03 E O H (256 458)						
79		qtz		seric	78 03 78 94 m (256 259) broken zone with sericite alteration						
					78 94 79 25 m (259 260) massive white quartzite/qtz vein						
80					Note Phyllite is medium grey laminated with white to grevish white quartz lavers & lenses (1 mm to 1 cm thick) some sections contain pale brownish silty lavers (altered > sericite?) some sections have a reddish brown cast (hematite?)						
81		f80									
82											
	uDMs₂										
83					8ɔ ɔ2 84 43 m (275 277) Quartzite/qtz vein with internal phvllite partings that are bleached to a greenish grev						
		qtz									
84			Tr Po								
8ɔ											
	uDMs₂										
86											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs;				**PHYLLITE** continued						
87					~87 m (286) Phyllite locally takes on a black spotted appearance (cordierite?)						
88		f75 80 ↙									
89											
90			Py/Po		90 22 91 44 m (296 300) Quartzite as above but with several thin wollastonite layers trace pyrite/pyrrhotite						
	uDMs;										
91			Wo								
92											
93		f7> ↙									
	uDMs;										
94											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs₁				**PHYLLITE** continued						
95											
96											
97		30			97 23 m (318) narrow qtz chlorite filled shear						
98	uDMs₁										
99					99 85 100 15 m (327 5 328 5) quartz chlorite vein						
100											
101	uDMs₁				101 5 m local section with reddish brown mica developed on foliation planes rock is becoming schistose!						
102											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs1				**PHYLLITE** continued						
103											
104											
105											
106			Dp Po		106 38 106 53 (349 349 5) Quartz chlorite vein with central band of diopside ~ 1 cm thick trace Po						
	uDMs1										
107											
108		85									
					108 81 (554) high angle quartz filled shear						
109											
	uDMs1										
110											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMs₂		Po		**PHYLLITE** continued					
111		f75			110 34 110 64 m (362 364) quartz chlorite band with trace pyrrhotite Some apparent bleaching occurs in footwall to this band to ~ 112 77 (368)					
112										
113										
114										
115	uDMs₂									
116					At ~ 116 4› m (›82) phyllite bcomes chlorite rich breaks into poker chips more readily less quartz seams this continues to ~ 124 20 m (407 ›) then phyllite becomes spotted again					
117										
118	uDMs₂									

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY ( )
	uDMs$_1$				**PHYLLITE** continued						
119											
120		qtz									
121											
122	uDMs$_1$										
123		qtz chl									
124		f7s									
125	uDMs$_1$										
126											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs$_2$				**PHYLLITE** continued						
127		qtz									
128											
129		qtz									
130		qtz									
	uDMs$_2$										
131		f72									
132		qtz									
133											
	uDMs$_2$										
134											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 1

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs				**PHYLLITE** continued						
135		qtz chl									
136		qtz									
137											
138	uDMs										
139											
140					**139 60 m (458) E O H**						
141											
142											

DIAMOND DRILL SUMMARY LOG

SNOWDRIFT MINERALS INC - DOLLY VARDEN PROPERTY

Dolly Varden Creek Area, Yukon

Hole No	96 2	Northing	9715N
Claim	LANCE 4	Easting	1525E
Azimuth		Elevation	1323 m
Inclination	90	Depth	106 99 m (351)

Interval		Geology	Significant Assays					
To	From		To	From	Zn %	Pb %	Ag gmt	W %
0 0	12 80	Overburden						
		Upper Devonian Mississippian						
12 80	59 13	Phyllite						
59 13	81 53	Quartzite including diopside/wollstonite skarn 61 57 70 10	65 23	65 53	5 18	4 48	45 8	0 014
81 53	106 99	Phyllite						

Diamond Drill Log

Snowdrift Minerals Inc **Dolly Varden Property**

Hole No	96 2	**Inclination**	90	**Azimuth**		**Logged by** C Verley	**Page** 1 **of** 14
Claim	LANCE 4	**Date Begun**	Oct 6/96	**Date Finnished**	Oct 7/96		
Northing	9715N	**Easting**	1525E	**Total Depth**	106 99 m (351)		

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
					Cased to 45						
1	OB				**OVERBURDEN** to ~ 12 80 m (42)						
2											
3											
4	OB										
5											
6											
7	OB										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
8	OB				**OVERBURDEN** continued						
9											
10											
11	OB										
12											
13											
14					**PHYLLITE** 12 80 to 59 13 m (42 194) Medium to dark grey laminated phyllite						
15											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

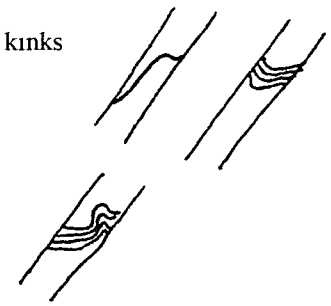
Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	~~uDMs~~				**PHYLLITE** continued						
16											
17											
18		qtz									
19	~~uDMs~~				19 55 21 64 m (63 5 71) Quartz breccia vein with rounded ghost like fragments						
20		qtz									
21					21 64 21 95 m (71 72) back into phyllite						
22					21 95 24 08 (72 79) Quartz breccia vein as above footwall phyllite bleached for 20 cm						
	~~uDMs~~										
23		qtz									

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2 **Page** 4 **of** 14

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs2				**PHYLLITE** continued						
24				serıc	24 08 39 ɔ2 m (79 129) Fınely lamınated medıum to dark grey phyllıte wıth quartz lamellae						
25											
26		fɔ2									
27	uDMs2										
28											
29					Phvllıte has small buckles & kınks 						
ɔ0											
ɔ1	uDMs2										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs2				**PHYLLITE** continued						
32											
33											
34											
35											
	uDMs1										
36											
37											
38											
	uDMs2	f62									
39											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs2				**PHYLLITE** continued						
			qtz								
40					39 40 39 93 m (129 25 131) Quartz chlorite epidote vein						
			qtz Wo	SK	40 23 40 69 m (132 133 5) Wollastonite quartz bands with altered (bleached) phyllite between						
41											
42											
43											
	uDMs2										
44											
45											
46		f60									
	uDMs										
47											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs2				**PHYLLITE** continued						
48											
49		qtz			49 07 49 38 m (161 162) Quartz vein (?)						
50		qtz		chl	50 29 50 74 m (165 166 ɔ) qtz vein note phyllite below vein has a greenish cast > chloritized? to 59 14 m (194)						
ɔ1	uDMs2			chl							
ɔ2		f60		chl							
53		qtz		chl							
ɔ4	uDMs2			chl							
ɔɔ											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2 **Page** 8 **of** 14

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMs2				**PHYLLITE** continued					
				chl						
56		f55								
				chl						
57		f65								
58				chl						
	uDMs1									
59					**QUARTZITE** 59 13 81 53 m (194 267 5)					
	uDMq		Tr PbS/ZnS		59 13 60 35 m (194 197 5) Pale greenish white quartz with irregular patches of greenish material (chl epid clay?) Trace PbS/ZnS @ 196 as disseminations					
60					60 35 60 65 m (197 5 198 5) phyllite					
	=ph=			chl						
61			Tr PbS/ZnS		60 65 61 27 m (198 5 201) white to pale grey medium grained quartz (= quartzite?)					
					61 27 61 57 m (201 202) qtz rich but greenish > chloritized					
62			Wo	SK	61 57 70 10 m (202 230) quartzite with wollastonite seams Wollastonite rich sections also calcareous					
			Wo	SK						
63										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMq		Wo	SK	**QUARTZITE** continued with calcareous sections					
64										
65			Dp ZnS/PbS	SK	65 23 65 53 m (214 215) Irregular diopside ZnS Pbs skarn band	5 18	4 48	45 8	0 014	
66			Wo							
67										
68										
69			Wo							
70					70 10 72 54 m (230 238) phyllite with greenish grey quartz seams					
71										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMq				**QUARTZITE** continued					
72					72 54 73 15 m (238 240) Fault zone rock is sheared footwall brecciated to 74 68 m (245)					
73										
74					74 37 75 59 m (244 248) White medium crystalline limestone					
75					75 59 78 03 m (248 256) White to pale grey quartzite with local chloritic seams Sheared 77 12 77 42 m (253 254) & brecciated to 78 03 m (256)					
76										
77										
78			Py		78 03 79 20 m (256 259 75) Breccia continues with disseminated pyrite (tr ZnS/PbS ') Some fragments yellowish Ankeritic '	6690	1580	45	2	
79			Py							

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMq				**QUARTZITE** continued					
80	ph				79 25 80 92 m (259 80 265 5) Phyllite					
81	uDMq		Wo		80 92 81 53 m (265 5 267 ɔ) Quartzite wollastonite bands in phyllite					
	uDMs				**PHYLLITE** 81 53 106 99 m (267 5 351)					
82		qtz wo								
83										
84		fɔ								
85			Po		85 20 m (277 ɔ) 6 cm qtz vein with trace Po					
86			Wo		85 9ɔ 89 ɔ1 m (278 29ɔ) Qtz wollastonite carb bands ~ 40 cm thick alternating with phyllite					
	uDMs									
87			Wo							

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /	RECOVERY (/)
	uDMs$_4$				**PHYLLITE** continued					
88			Wo							
89					89 31 89 75 m (293 294 5) diopside band with pyrrhotite					
			Dp/Po	SK		225	32	0 3	16	
90										
91			Dp	SK	90 93 91 25 m (298 25 299 5) Diopside chlorite Po band					
	uDMs$_4$					406	310	0 9	115	
		f50								
92										
93										
94										
	uDMs$_4$									
95										

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2 **Page** 13 **of** 14

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs				**PHYLLITE** continued						
96		f55			95 10 m (312) Phyllite becomes spotted with dark greenish patches (chlorite after cordierite?)						
			Dp	SK	96 62 96 93 m (317 318) Quartz diopside band						
97											
98											
99					Note trace pyrrhotite disseminated along foliation planes						
	uDMs										
100		f75									
101											
102											
	uDMs										
103											

Diamond Drill Log

Snowdrift Minerals Inc Dolly Varden Property

Hole No 96 2

DEPTH (m)	LITHOLOGY	STRUCTURE	MINERAL	ALTERATION	COMMENTS / DESCRIPTIVE GEOLOGY	Assay Data Zn /	Pb /	Ag g/t	W /		RECOVERY (/)
	uDMs+				**PHYLLITE** continued						
104											
105											
106	uDMs+										
107					106 99 m (351) E O H						
108											
109											
110											
111											

APPENDIX B

ASSAY AND ANALYTICAL DATA

Dolly Varden Project Drill Core Assay & Analytical Data																	
		From		To		Length		Pb	Pb	Zn	Zn	Ag	Ag	Au	Cu	W	W
Hole	Sample No	(ft)	(m)	(ft)	(m)	(ft)	(m)	%	ppm	%	ppm	G/T	ppm	G/T	ppm	%	ppm
96 1	2201	181 5	55 32	184 5	56 24	3 0	0 91	11 58	23007	9 6	92862	43 8	39 8	0 14	4121	0 017	2
96 1	2212	184 5	56 24	191 0	58 22	6 5	1 98	>1 00	251	>1 00	4502		1 7	0 01	15	0 001	6
96 1	2202	191 0	58 22	194 0	59 13	3 0	0 91	1 54	17265	7 2	67364	118 6	116 6	0 08	97	0 092	335
96 1	2204	194 0	59 13	197 0	60 05	3 0	0 91	0 12	1475	15 4	99999	38 0	33 8	0 15	153	0 27	193
96 1	2205	197 0	60 05	201 0	61 27	4 0	1 22	>1 00	815	~1 00	11957		10 2	0 03	351	0 051	245
96 1	2203	201 0	61 27	207 0	63 09	6 0	1 83	>1 00	370	>1 00	990		2 4	0 01	20	0 032	205
96 1	2206	207 0	63 09	213 5	65 08	6 5	1 98	>1 00	940	>1 00	2615		3 7	0 02	86	0 002	4
96 1	2207	222 5	67 82	228 0	69 50	5 5	1 68	1 68	19364	1 39	12659	25 6	22 8	0 06	15	0 003	2
96 2	2208	214 0	65 23	215 0	65 53	1 0	0 30	4 48	29286	5 18	49018	45 8	41 2	0 05	11	0 014	2
96 2	2209	256 0	78 03	260 0	79 25	4 0	1 22	>1 00	1580	>1 00	6699		4 5	0 25	444	0 001	2
96 2	2210	293 0	89 31	294 5	89 76	1 5	0 46	>1 00	32	>1 00	225		0 3	0 02	32	0 002	16
96 2	2211	299 0	91 14	300 5	91 59	1 5	0 46	>1 00	310	>1 00	406		0 9	0 01	178	0 020	115

PIONEER LABORATORIES 5-730 EATON WAY NEW WESTMINSTER BC CANADA V3M 6J9 TEL (604)522-3830

A S S A Y C E R T I F I C A T E

Pb Zn Ag Analysis 1 000 gm sample is digested with aqua regia and is finished by AA

AMERLIN EXPLORATION
Project
Sample Type Cores

Analyst R Sam
Report No 9621964
Date November 6 1996

SAMPLE	Pb %	Zn %	Ag G/T
2201	11 58	9 60	43 8
2202	1 54	7 20	118 6
2204	0 12	15 40	38 0
2207	1 68	1 39	25 6
2208	4 48	5 18	45 8

PIONEER LABORATORIES 5-730 EATON WAY NEW WESTMINSTER BC CANADA V3M 6J9 TEL (604)522-3830

A S S A Y C E R T I F I C A T E

W analysis by NaOH fusion ICP/ES finished

MERLIN EXPLORATION
Project
Sample Type Rocks

Analyst RSam
Report No 9621970
Date November 12 1996

SAMPLE	W %
2201	017
2202	092
2203	032
2204	270
2205	051
2206	002
2207	003
2208	014
2209	001
2210	002
2211	020
2212	001

PIONEER LABORATORIES INC 5-730 EATON WAY NEW WESTMINSTER BC CANADA V3M 6J9 TELEPHONE (604)522-3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project
Sample Type Cores

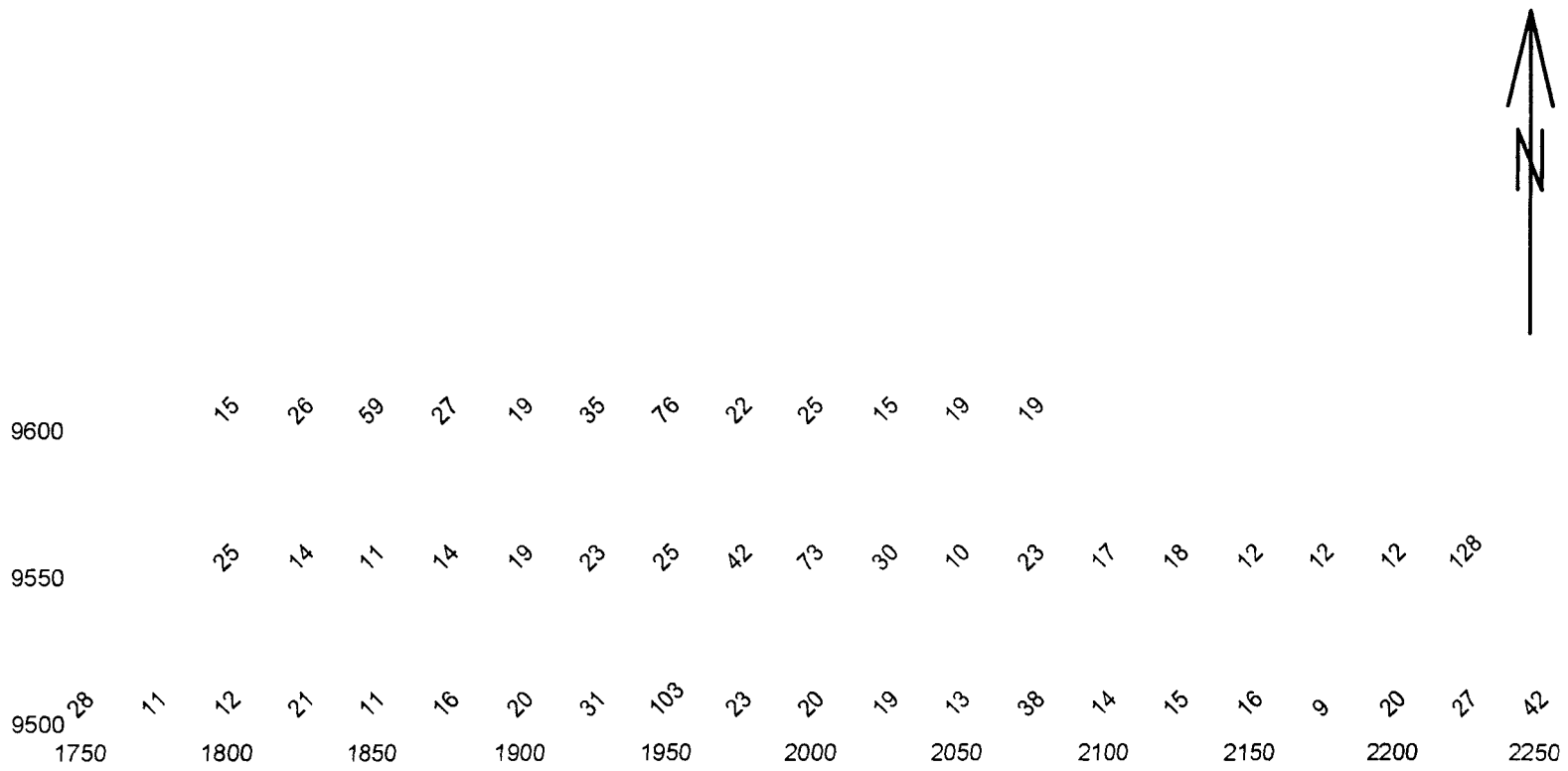
Multi element ICP Analysis 500 gram sample is digested with 3 ml of aqua regia
diluted to 10 ml with Water This leach is partial for Mn Fe Ca P La Cr Mg
Ba Ti B W and limited for Na K and Al Detection Limit for Au is 3 ppm
Au assay by aqua regia digestion MIBK extracted AA finished

Analyst R Sam
Report No 9621956
Date November 6 1996

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
SAMPLE	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	G/T
2201	5	4121	23007	92862	39	8	6	6	1989	20	76	28	5	ND	2	23	540	6	15	25	7	92	002	9	52	25	9	01	7	17	01	02	2	14
2202	5	97	17265	67364	116	6	7	72	2299	3	93	20	5	ND	3	93	656	1	6	389	17	2	82	007	13	91	20	16	01	3	1 12	01	15	335	08
2203	5	20	370	990	2	4	22	14	3473	6	07	2	5	ND	7	144	8	3	2	19	28	3	56	023	25	117	80	43	02	3	2 11	01	15	205	01
2204	6	153	1475	99999	33	8	9	178	3657	6	19	24	5	ND	3	91	1505	0	2	493	20	2	93	013	9	53	23	18	02	3	1 43	01	15	193	15
2205	4	351	815	11957	10	2	15	32	3253	6	32	23	6	ND	4	87	117	4	2	94	32	2	44	018	15	120	62	16	05	3	2 36	01	07	245	03
2206	6	86	940	2615	3	7	2	4	550	1	34	27	15	ND	2	32	24	6	2	17	3	94	002	21	162	04	11	01	3	12	01	09	4	02
2207	1	15	19364	12659	22	8	3	6	17278	7	48	80	5	ND	3	453	102	2	6	41	7	10	98	005	10	16	23	38	01	5	70	01	03	2	06
2208	1	11	29286	49018	41	2	3	19	10936	7	44	65	5	ND	2	187	344	1	10	59	9	16	39	003	25	19	28	56	01	3	36	01	02	2	05
2209	1	444	1580	6699	4	5	4	7	11305	11	30	273	5	ND	2	374	57	0	2	2	9	13	50	002	10	63	29	27	01	3	26	01	01	2	25
2210	1	32	32	225	3		2	7	1885	4	79	7	5	ND	2	39	1	2	2	2	3	4	92	004	5	47	09	46	01	3	27	01	02	16	02
2211	1	178	310	406	9		15	23	7504	21	18	2	5	ND	8	238	1	5	2	2	34	9	63	027	52	43	1	02	29	02	3	3 80	01	18	115	01
2212	7	15	251	4502	1	7	11	9	1709	2	37	4	5	ND	5	99	48	5	2	10	12	2	61	016	19	141	28	36	01	3	39	01	17	6	01

For Pb Zn greater than 10 000 ppm, assay digestion is required for correct data

For Ag greater than 35 ppm assay digestion is required for correct data



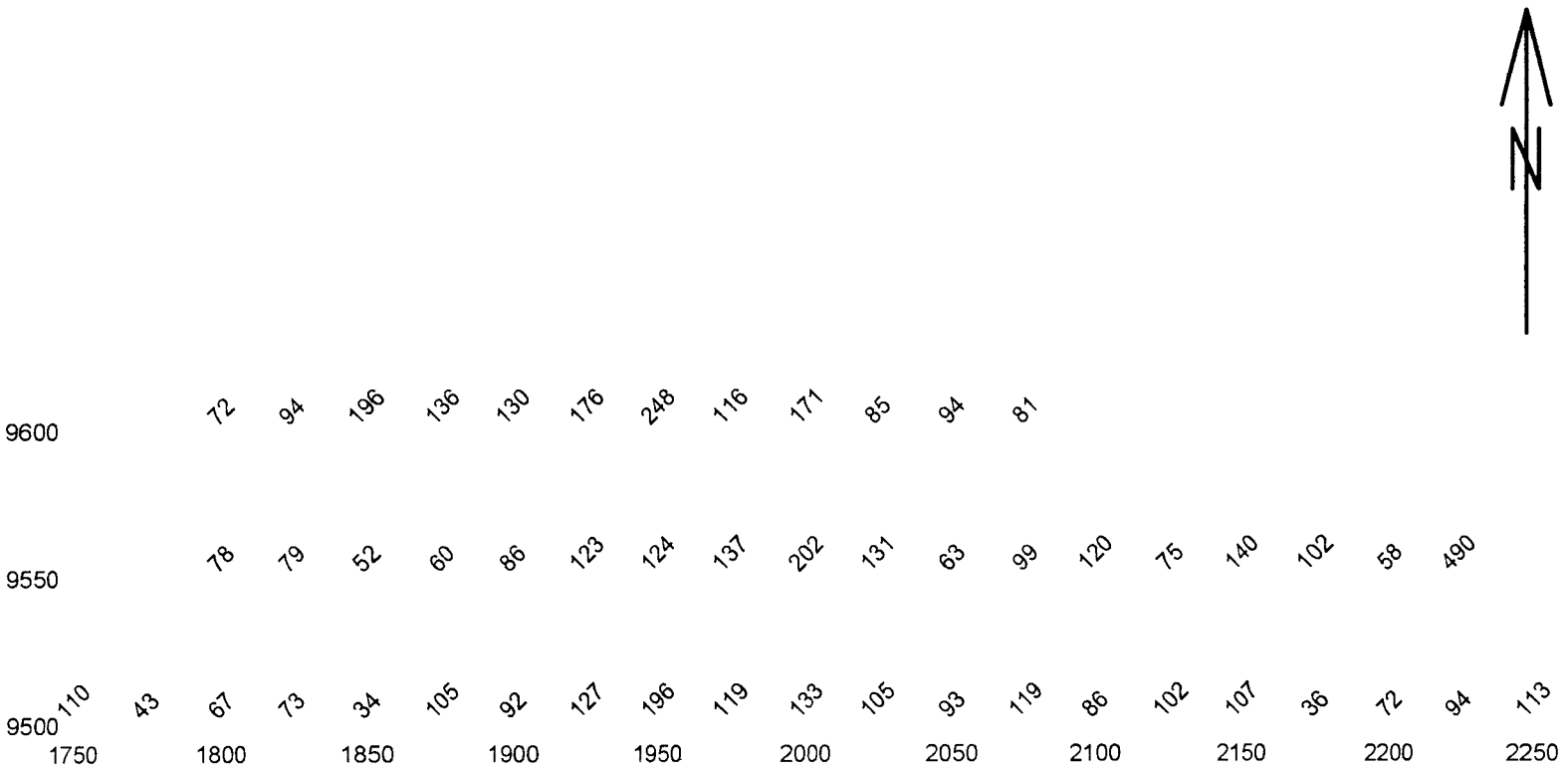
15 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
LANCE GRID - Pb in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

25 50 75 100
Scale in metres

FIGURE 5



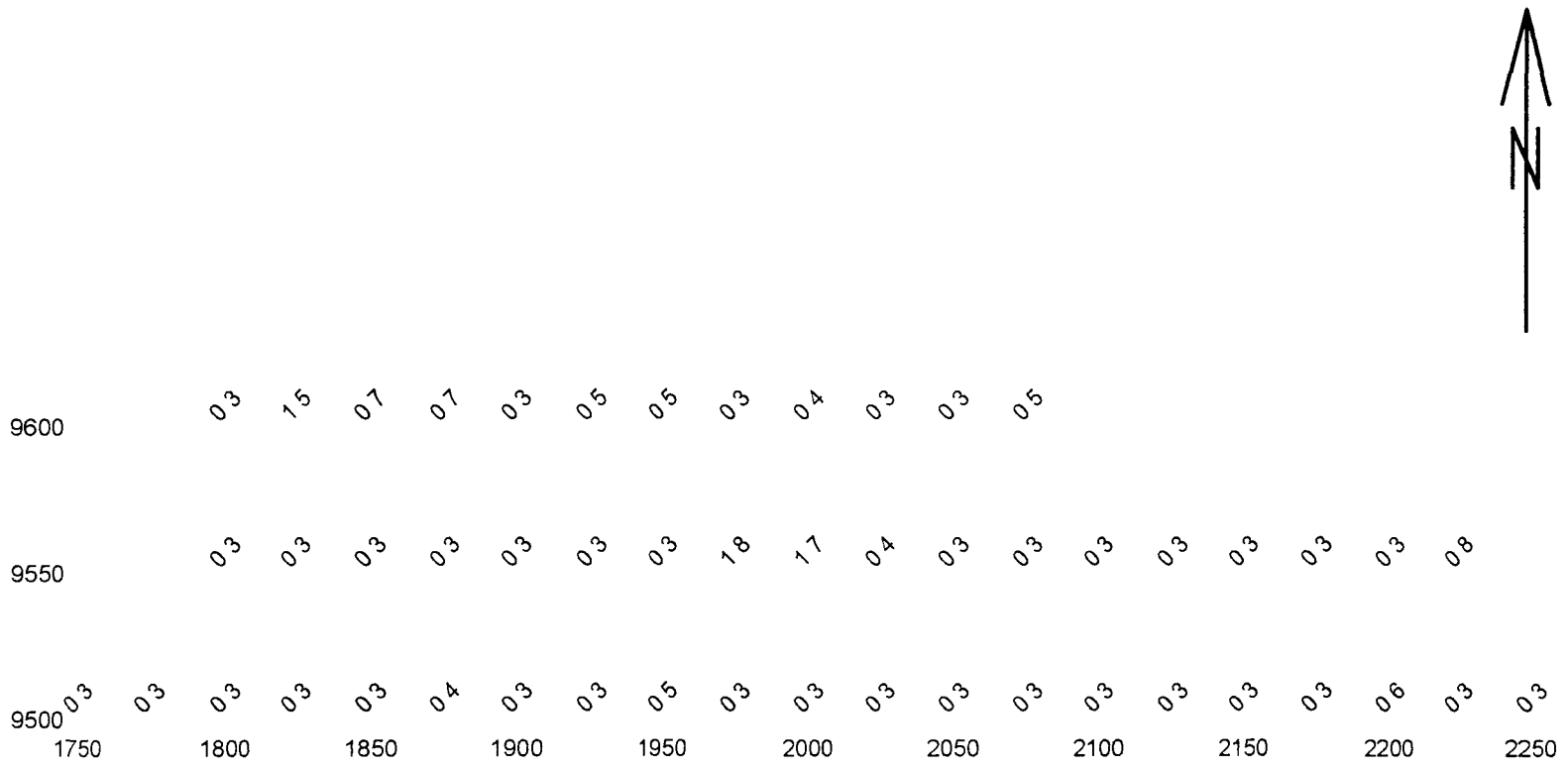
15 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
LANCE GRID Zn in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

25 50 75 100
Scale in metres

FIGURE 6



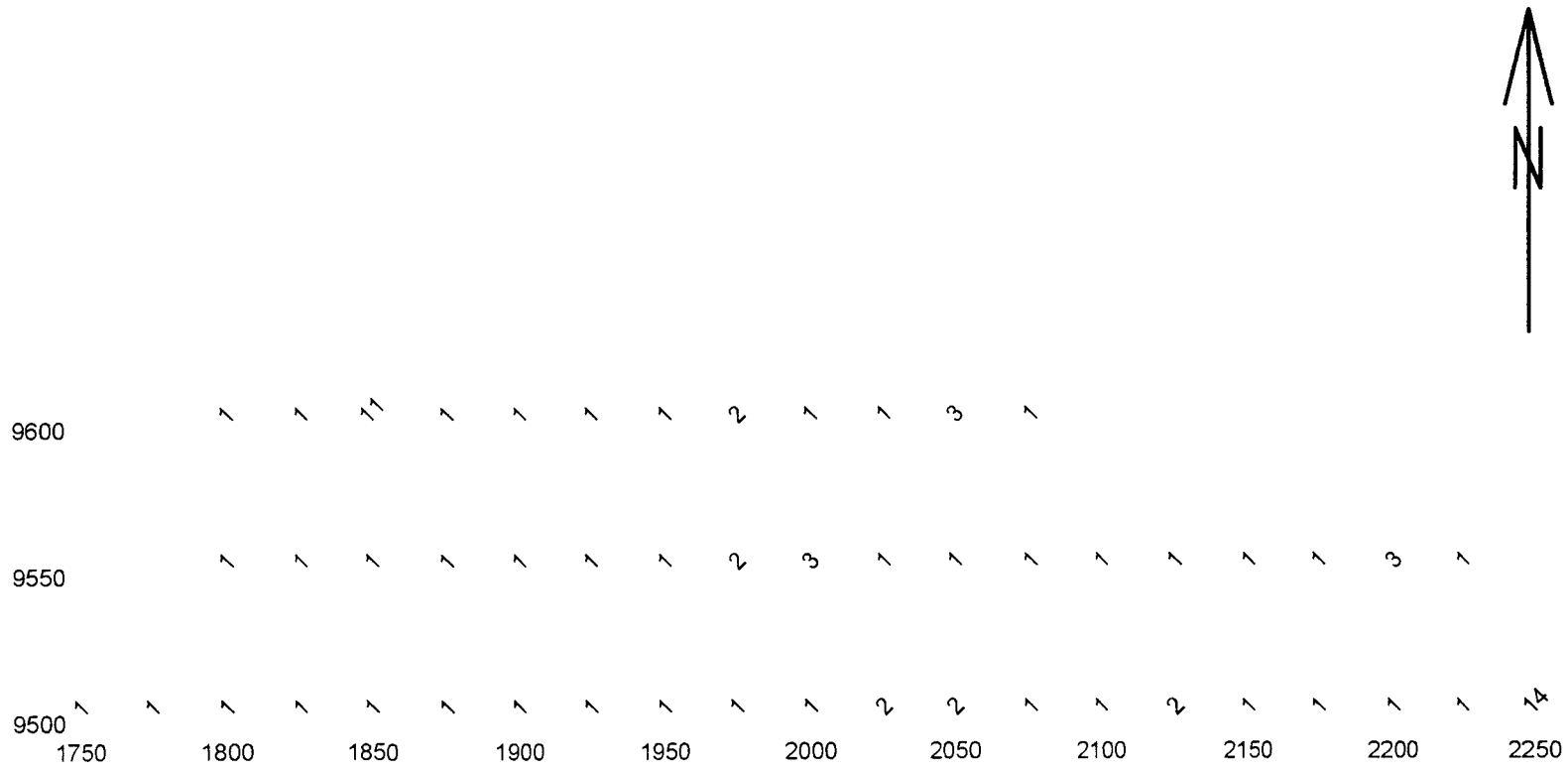
0 3 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
LANCE GRID Ag in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

25 50 75 100
Scale in metres

FIGURE 7



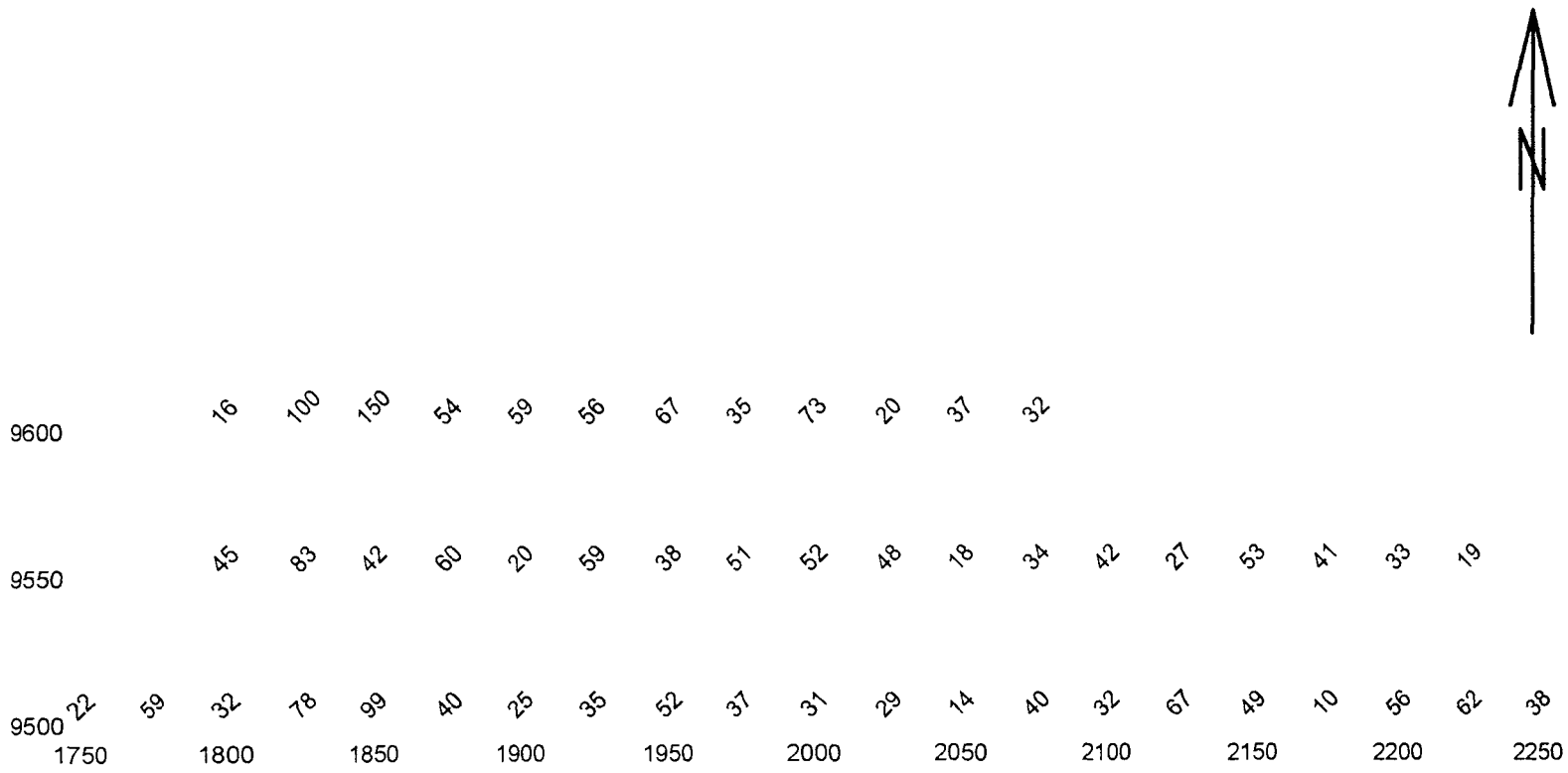
1 Sample site with analytical values in ppb

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
LANCE GRID Au in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

25 50 75 100
Scale in metres

FIGURE 8



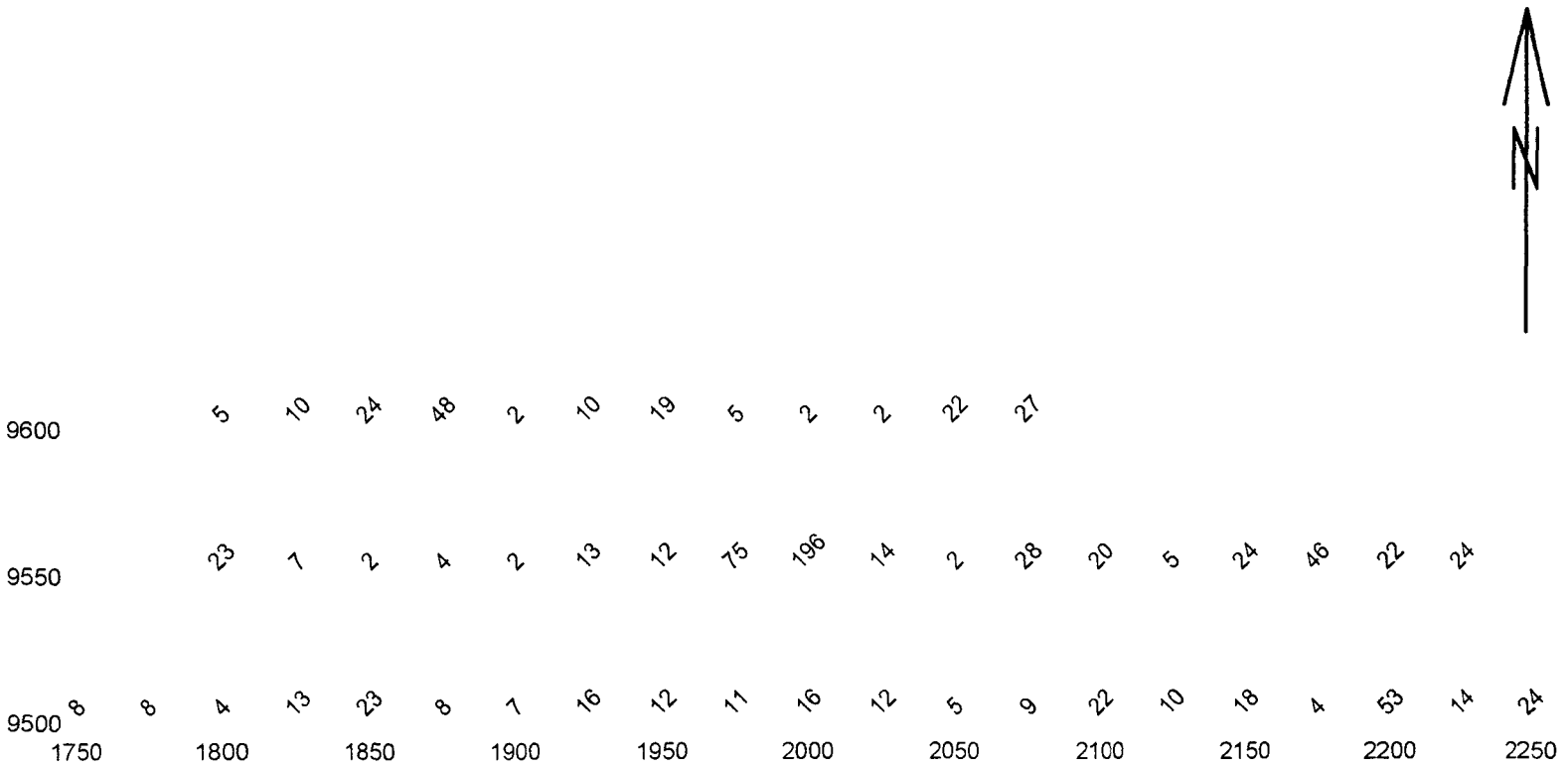
15 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
LANCE GRID - Cu in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

25 50 75 100
Scale in metres

FIGURE 9



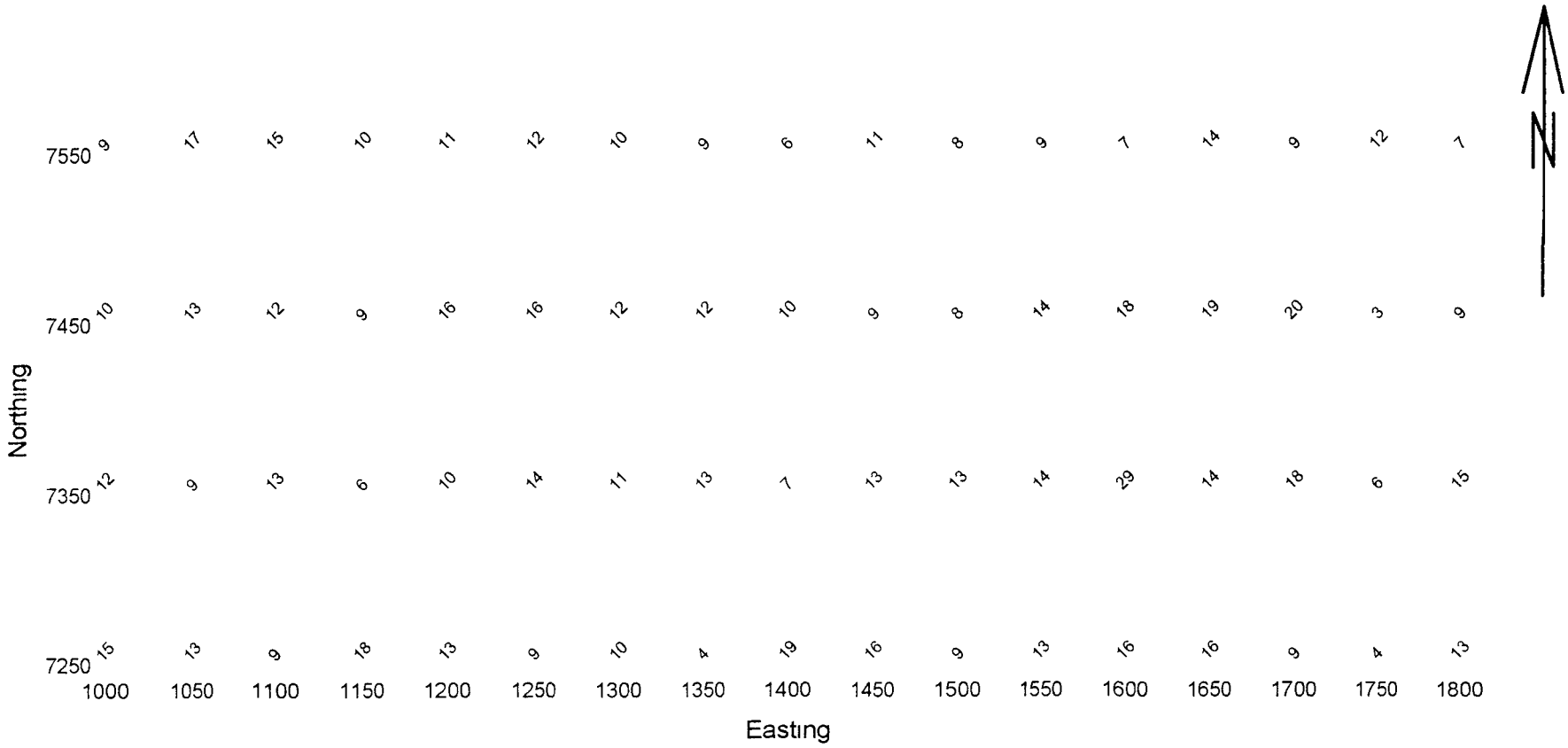
15 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
LANCE GRID - As in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

25 50 75 100
Scale in metres

FIGURE 10



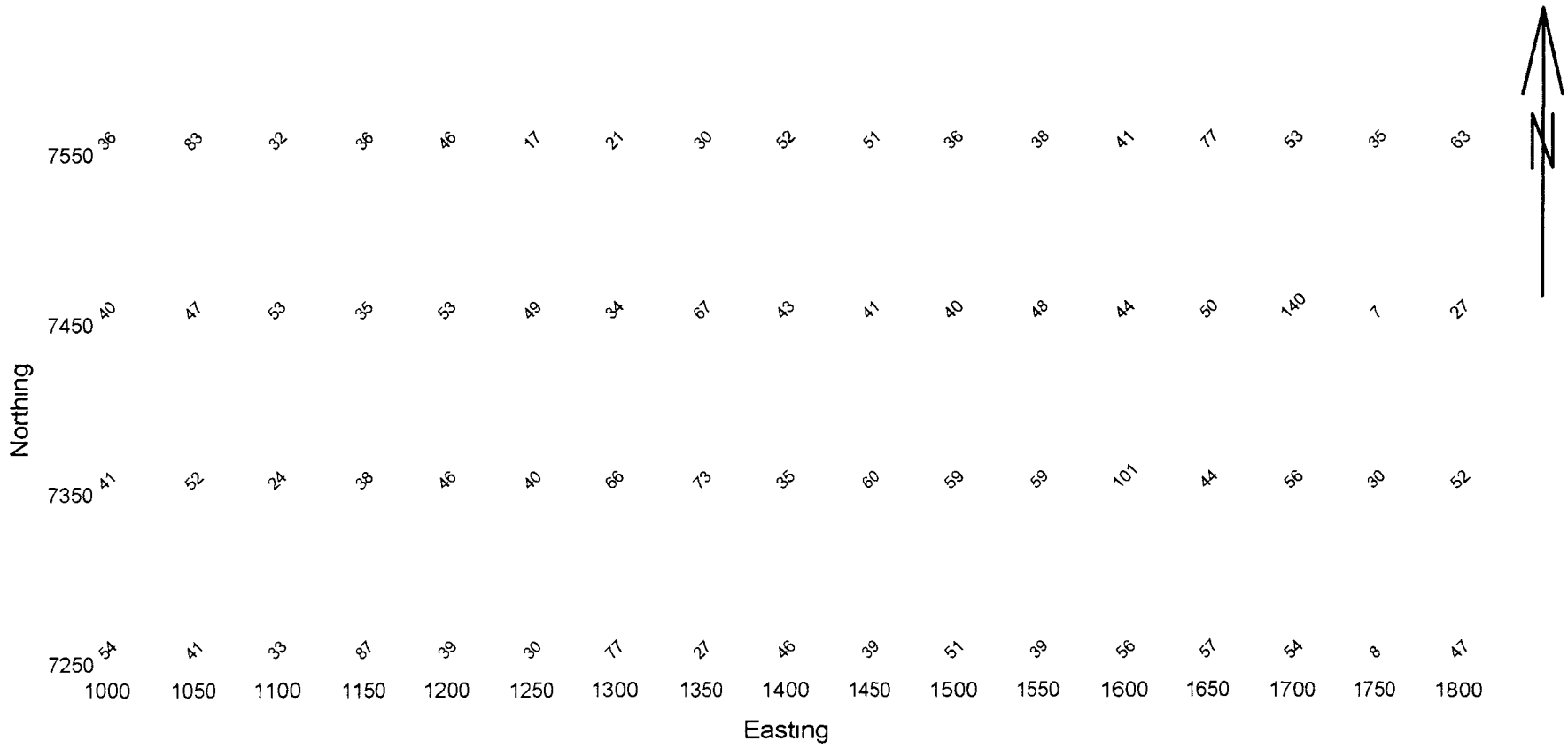
15 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
COX GRID Pb in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

50 100 150 200
Scale in metres

FIGURE 11



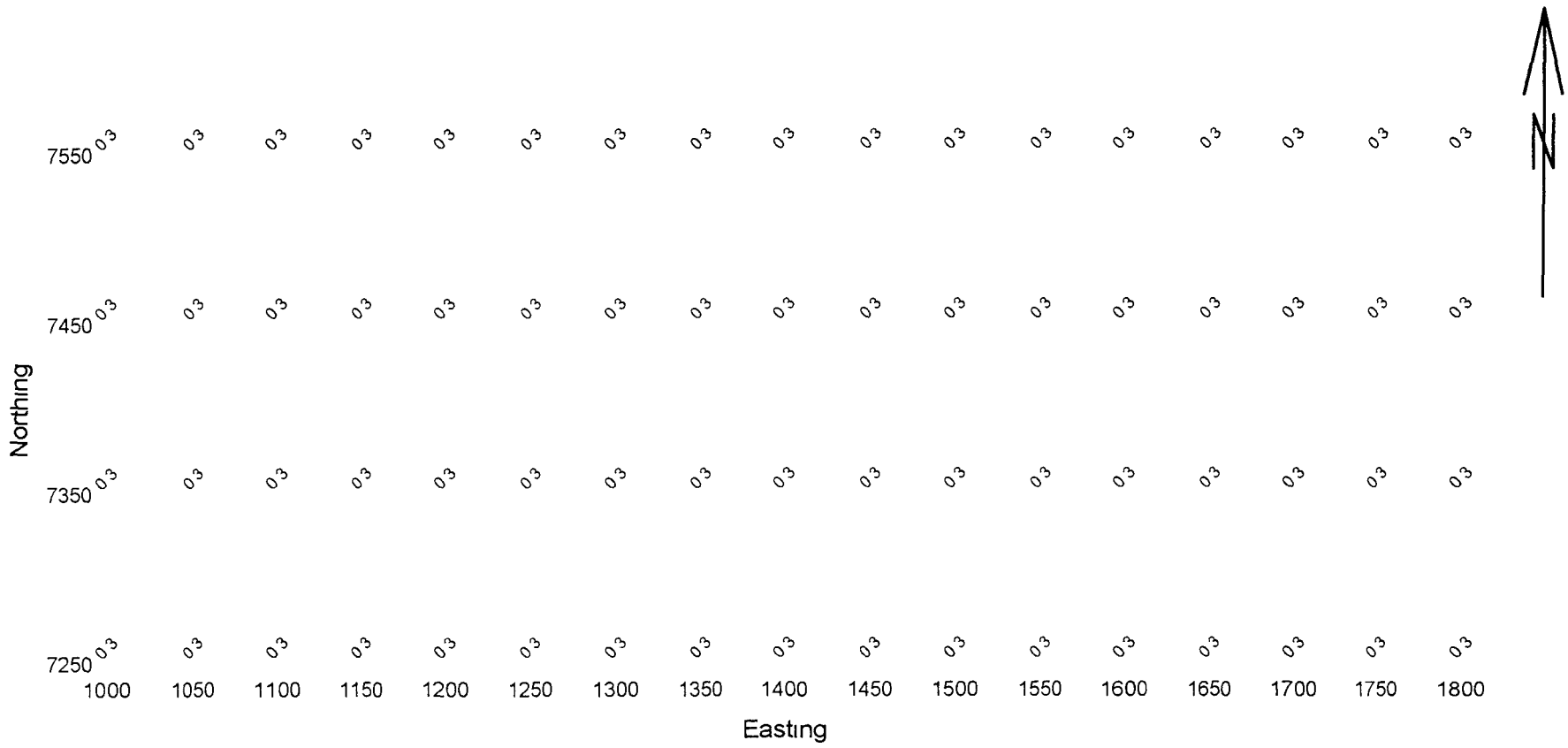
15 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
COX GRID Zn in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

50 100 150 200
Scale in metres

FIGURE 12



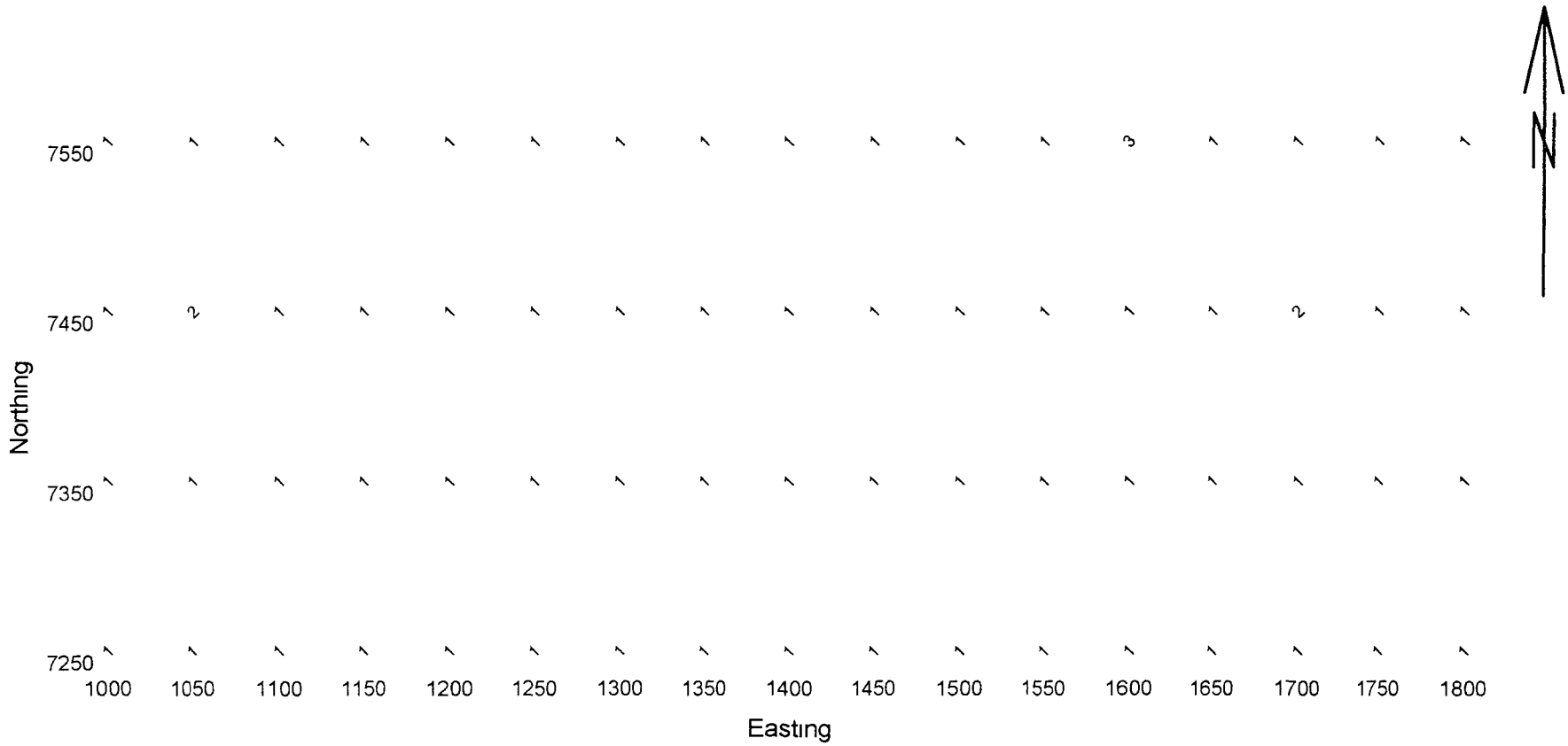
0 3 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
COX GRID Ag in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

50 100 150 200
Scale in metres

FIGURE 13



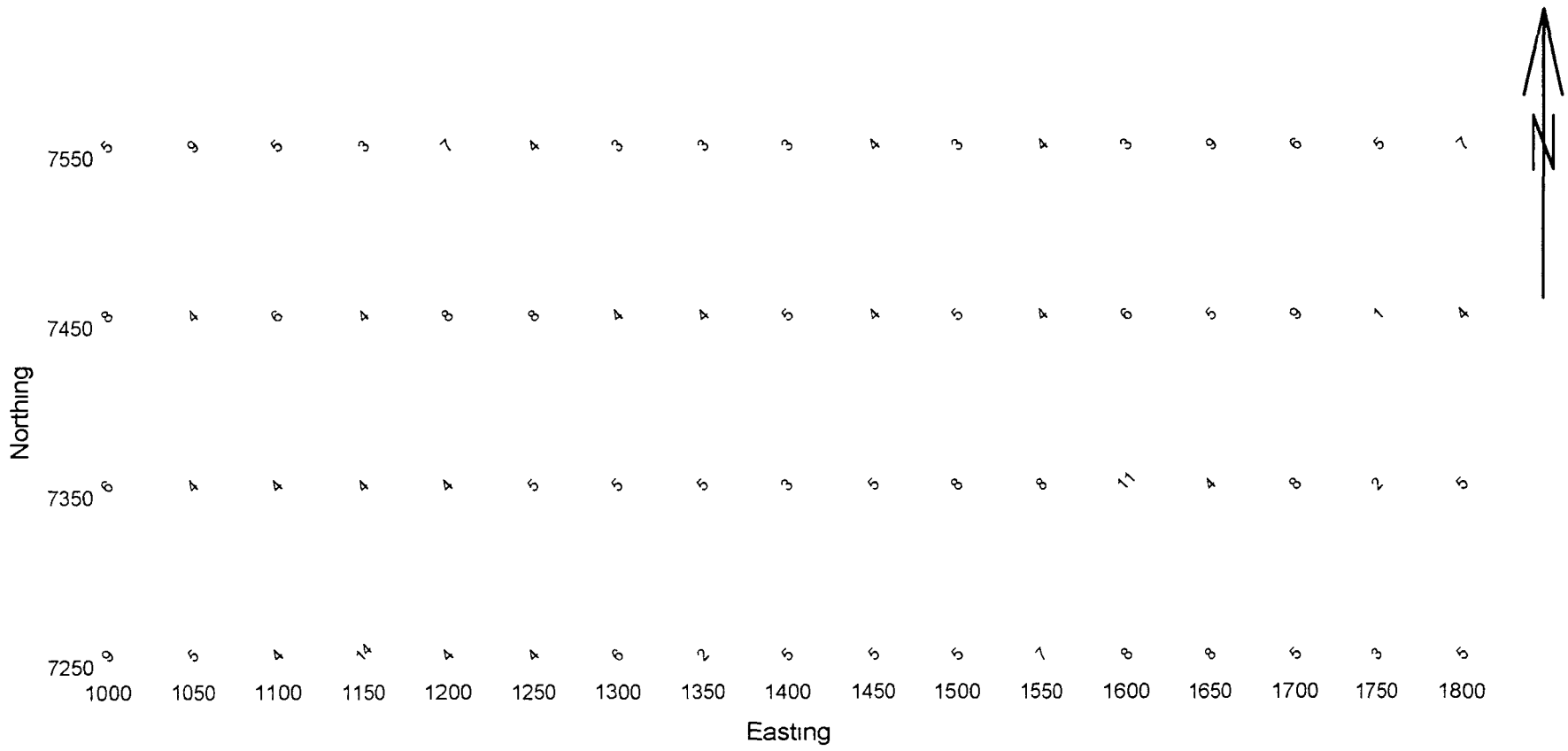
1 Sample site with analytical values in ppb

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
COX GRID Au in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

50 100 150 200
Scale in metres

FIGURE 14



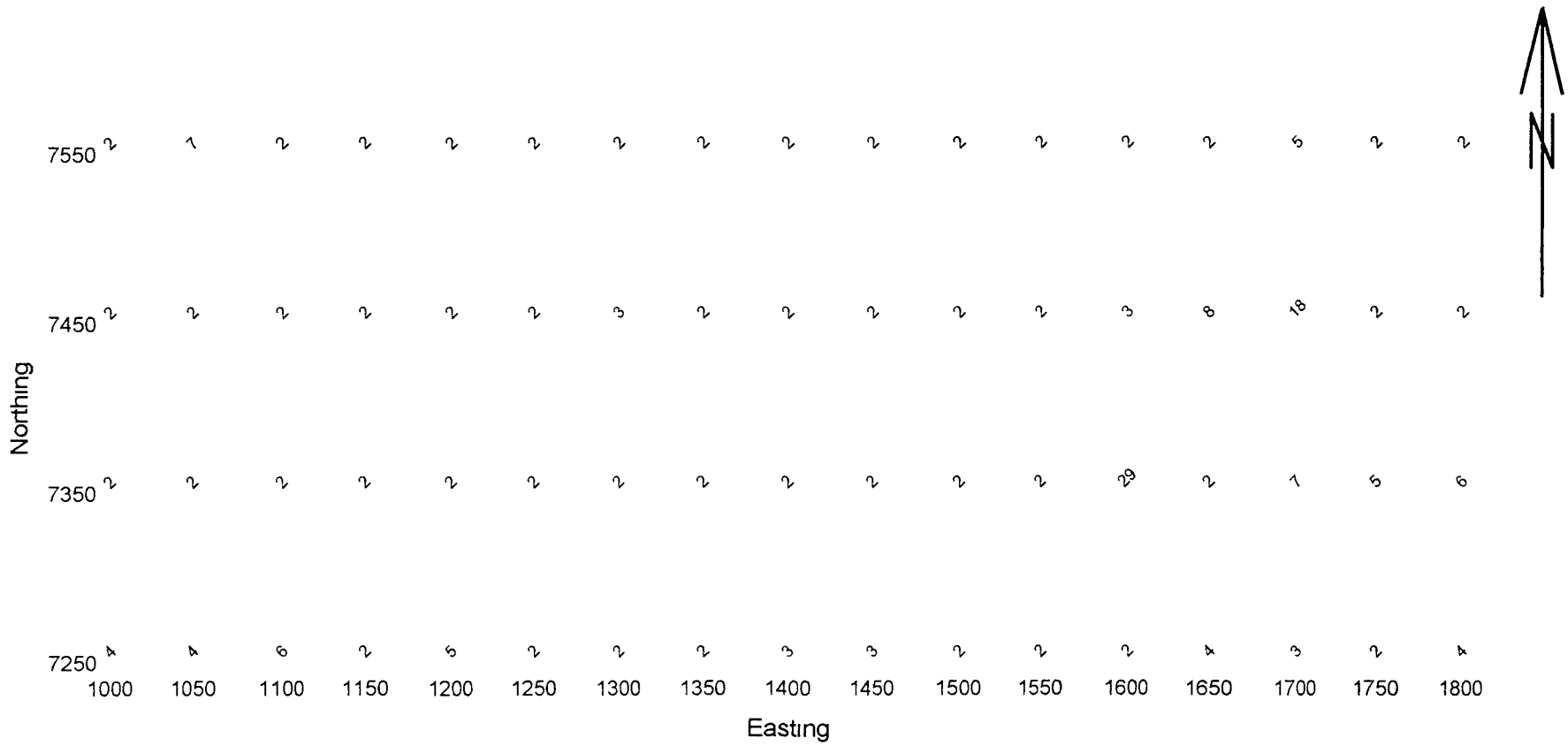
4 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
COX GRID Cu in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

50 100 150 200
Scale in metres

FIGURE 15



1 Sample site with analytical values in ppm

NOTE Refer to Plate 1 for location with respect to claims & geology

Snowdrift Minerals Inc
COX GRID As in SOILS
Dolly Varden Property
Watson Lake Mining District, Yukon
NTS 105H/2

50 100 150 200
Scale in metres

FIGURE 16

LANCE GRID

PIONEER LABORATORIES INC 5 730 EATON WAY NEW WESTMINSTER BC CANADA V3M 6J9 TELEPHONE (604) 522 3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project
Report No 9611915
Sample Type Soils
Date October 2 1996

Multi element ICP Analysis 500 gram sample is digested with 3 ml of aqua regia diluted to 10 ml with Water This leach is partial for Mn Fe Ca P La Cr Mg Ba Ti B W and limited for Na K and Al Detection Limit for Au is 3 ppm
*Au Analysis 10 gram sample is digested with aqua regia MIBK extracted graphite furnace AA finished to 1 ppb detection

SAMPLE	Pb ppm	Zn ppm	Ag ppm	Au ppb	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Cd ppm	Mn ppm	Fe %	Ni ppm	Co ppm	Cr ppm	V ppm	Th ppm	Sr ppm	La ppm	Ba ppm	K %	Ca %	Al %	Mg %	P %
9500N 1750 E	28	110	0 3	1	22	2	8	3	2	0 2	965	5 84	26	16	36	58	3	8	30	52	0 07	0 04	2 20	0 39	0 085
9500N 1775 E	11	43	0 3	1	59	1	8	2	2	0 2	249	5 05	16	8	32	53	5	23	48	57	0 10	0 01	2 22	0 19	0 110
9500N 1800 E	12	67	0 3	1	32	1	4	2	2	0 2	754	4 54	23	17	26	49	2	11	29	49	0 09	0 02	1 75	0 20	0 071
9500N 1825 E	21	73	0 3	1	78	1	13	2	2	0 2	973	5 58	27	23	32	46	2	11	25	49	0 09	0 03	2 04	0 35	0 085
9500N 1850 E	11	34	0 3	1	99	1	23	2	3	0 2	212	3 34	11	5	18	27	2	16	20	28	0 06	0 02	1 31	0 23	0 049
9500N 1875 E	16	105	0 4	1	40	1	8	3	2	0 4	1839	5 26	28	33	34	51	2	11	20	57	0 12	0 04	2 39	0 35	0 123
9500N 1900 E	20	92	0 3	1	25	1	7	2	2	0 2	749	5 41	31	19	37	57	2	20	26	61	0 16	0 07	3 18	0 64	0 065
9500N 1925 E	31	127	0 3	1	35	2	16	2	2	0 3	897	5 24	39	24	35	49	2	18	24	59	0 12	0 07	2 55	0 48	0 101
9500N 1950 E	103	196	0 5	1	52	1	12	2	4	0 3	1281	6 37	42	21	41	47	6	16	41	47	0 13	0 06	3 10	0 53	0 137
9500N 1975 E	23	119	0 3	1	37	1	11	2	3	0 2	1683	6 05	65	51	42	52	3	14	26	83	0 21	0 07	3 20	0 80	0 071
9500N 2000 E	20	133	0 3	1	31	2	16	3	2	0 2	1620	5 54	36	25	39	51	2	10	22	77	0 17	0 05	2 34	0 49	0 092
9500N 2025 E	19	105	0 3	2	29	2	12	2	2	0 2	1307	5 05	49	27	40	53	2	13	22	79	0 16	0 08	2 83	0 66	0 082
9500N 2050 E	13	93	0 3	2	14	1	5	2	3	0 2	457	3 34	17	7	21	36	2	13	16	58	0 10	0 11	1 83	0 46	0 087
9500N 2075 E	38	119	0 3	1	40	2	9	2	2	0 2	2458	5 94	40	33	40	46	3	12	17	74	0 11	0 05	3 08	0 38	0 301
9500N 2100 E	14	86	0 3	1	32	3	22	2	2	0 2	1281	4 83	55	31	34	43	2	16	24	60	0 09	0 06	2 19	0 48	0 129
9500N 2125 E	15	102	0 3	2	67	2	10	2	2	0 2	1000	5 38	59	45	37	52	2	15	21	73	0 09	0 06	2 90	0 47	0 138
9500N 2150 E	16	107	0 3	1	49	3	18	2	2	0 2	1346	5 19	90	93	39	49	3	17	25	77	0 09	0 10	2 43	0 60	0 107
9500N 2175 E	9	36	0 3	1	10	1	4	2	2	0 2	213	2 73	9	3	18	52	2	7	21	40	0 04	0 03	1 27	0 14	0 045

LANCE GRID

SAMPLE	Pb ppm	Zn ppm	Ag ppm	Au ppb	Cu ppm	Mo ppm	As ppm	Sb ppm	Bi ppm	Cd ppm	Mn ppm	Fe %	Ni ppm	Co ppm	Cr ppm	V ppm	Th ppm	Sr ppm	La ppm	Ba ppm	K %	Ca %	Al %	Mg %	P %
9500N 2200 E	20	72	0 6	1	56	2	53	3	6	0 2	1640	5 14	84	71	40	48	4	23	26	64	0 16	0 13	2 27	0 65	0 119
9500N 2225 E	27	94	0 3	1	62	3	14	2	3	0 2	1419	5 75	83	84	50	53	10	32	34	77	0 20	0 20	2 47	0 85	0 161
9500N 2250 E	42	113	0 3	14	38	3	24	2	2	0 4	1374	5 86	61	39	45	56	2	21	26	74	0 15	0 09	2 93	0 68	0 164
9550N 1800 E	25	78	0 3	1	45	1	23	2	2	0 2	646	5 99	23	11	33	58	2	15	42	53	0 09	0 02	2 16	0 29	0 107
9550N 1825 E	14	79	0 3	1	83	1	7	2	2	0 2	753	5 39	28	16	33	60	2	15	37	63	0 11	0 03	2 19	0 33	0 078
9550N 1850 E	11	52	0 3	1	42	1	2	2	2	0 2	348	3 57	15	8	22	40	2	12	20	50	0 07	0 05	1 90	0 30	0 067
9550N 1875 E	14	60	0 3	1	60	1	4	2	2	0 2	552	4 28	21	11	28	44	2	17	27	61	0 11	0 05	1 95	0 32	0 086
9550N 1900 E	19	86	0 3	1	20	1	2	2	2	0 2	621	3 71	24	13	34	51	2	13	24	57	0 06	0 10	2 24	0 58	0 056
9550N 1925 E	23	123	0 3	1	59	1	13	2	2	0 2	1312	6 30	59	74	41	54	3	18	31	66	0 17	0 06	2 85	0 71	0 092
9550N 1950 E	25	124	0 3	1	38	1	12	2	3	0 2	1491	5 29	57	46	39	49	3	15	27	71	0 15	0 07	2 66	0 64	0 080
9550N 1975 E	42	137	1 8	2	51	2	75	2	6	0 4	4747	6 24	86	90	47	55	2	16	25	72	0 12	0 08	3 14	0 60	0 168
9550N 2000 E	73	202	1 7	3	52	2	196	2	7	0 3	7809	7 60	138	140	51	53	5	15	28	92	0 14	0 07	3 49	0 81	0 139
9550N 2025 E	30	131	0 4	1	48	1	14	2	2	0 3	2182	8 21	81	55	58	58	11	10	36	74	0 20	0 04	3 71	1 04	0 089
9550N 2050 E	10	63	0 3	1	18	2	2	2	2	0 2	676	4 30	18	7	28	61	2	8	23	59	0 07	0 04	1 91	0 25	0 087
9550N 2075 E	23	99	0 3	1	34	2	28	2	2	0 2	1488	6 55	44	22	45	52	4	7	28	72	0 10	0 03	2 95	0 44	0 219
9550N 2100 E	17	120	0 3	1	42	5	20	2	2	0 2	1779	5 57	126	89	45	51	7	16	32	69	0 10	0 18	2 57	0 83	0 120
9550N 2125 E	18	75	0 3	1	27	2	5	2	2	0 2	481	4 38	28	18	32	53	2	13	24	63	0 06	0 06	2 06	0 37	0 113
9550N 2150 E	12	140	0 3	1	53	5	24	2	2	0 2	1470	7 31	119	120	52	58	4	24	29	80	0 16	0 11	3 51	1 02	0 141
9550N 2175 E	12	102	0 3	1	41	5	46	3	2	0 4	902	6 79	65	35	44	64	2	19	27	61	0 16	0 06	3 12	0 77	0 136
9550N 2200 E	12	58	0 3	3	33	5	22	2	2	0 2	544	5 47	35	13	33	51	2	18	20	54	0 10	0 04	1 96	0 36	0 161
9550N 2225 E	128	490	0 8	1	19	4	24	2	3	3 4	1859	2 96	18	21	9	35	12	16	37	54	0 13	0 37	1 64	0 63	0 103
9600N 1800 E	15	72	0 3	1	16	1	5	2	2	0 2	467	4 54	17	10	25	41	2	8	20	41	0 07	0 03	2 01	0 45	0 068
9600N 1825 E	26	94	1 5	1	100	1	10	4	2	0 4	1067	7 09	26	23	40	46	4	23	47	69	0 14	0 03	2 34	0 57	0 143
9600N 1850 E	59	196	0 7	11	150	1	24	2	4	0 8	719	11 77	46	25	43	50	7	21	39	45	0 11	0 02	2 82	0 56	0 171
9600N 1875 E	27	136	0 7	1	54	1	48	2	2	0 2	987	6 36	31	22	38	48	3	13	27	54	0 12	0 04	3 06	0 52	0 112
9600N 1900 E	19	130	0 3	1	59	1	2	2	2	0 5	817	6 91	37	25	49	59	4	17	38	72	0 27	0 11	3 15	0 69	0 120
9600N 1925 E	35	176	0 5	1	56	2	10	2	2	0 2	2480	6 26	77	99	36	48	5	13	29	60	0 10	0 05	2 64	0 69	0 084
9600N 1950 E	76	248	0 5	1	67	2	19	2	2	0 4	3112	8 83	89	87	48	50	10	16	39	57	0 13	0 04	4 16	0 77	0 141
9600N 1975 E	22	116	0 3	2	35	1	5	2	2	0 2	1514	6 36	39	31	41	52	2	12	26	92	0 16	0 05	3 05	0 57	0 111
9600N 2000 E	25	171	0 4	1	73	2	2	2	4	0 4	2827	9 41	90	114	56	56	10	25	39	91	0 21	0 07	4 14	0 89	0 120
9600N 2025 E	15	85	0 3	1	20	1	2	2	2	0 2	689	6 08	25	14	34	46	2	9	19	65	0 16	0 06	2 49	0 54	0 077
9600N 2050 E	19	94	0 3	3	37	3	22	4	2	0 2	1015	6 66	48	32	47	56	2	18	20	83	0 15	0 07	2 52	0 61	0 158
9600N 2075 E	19	81	0 5	1	32	3	27	3	2	0 2	760	5 86	40	14	41	60	3	13	29	65	0 10	0 04	2 74	0 51	0 099

COX GRID

PIONEER LABORATORIES INC 5 730 EATON WAY NEW WESTMINSTER BC CANADA V3M 6J9 TELEPHONE (604) 522 3830

GEOCHEMICAL ANALYSIS CERTIFICATE

AMERLIN EXPLORATION
Project
Report No 9611915
Sample Type Soils
Date October 2 1996

Multi element ICP Analysis 500 gram sample is digested with 3 ml of aqua regia diluted to 10 ml with Water This leach is partial for Mn Fe Ca P La Cr Mg Ba Ti B W and limited for Na K and Al Detection Limit for Au is 3 ppm
*Au Analysis 10 gram sample is digested with aqua regia MIBK extracted graphite furnace AA finished to 1 ppb detection

SAMPLE	Pb ppm	Zn ppm	Ag ppm	Au ppb	Cu ppm	Mo ppm	W ppm	As ppm	Sb ppm	Bi ppm	Cd ppm	Mn ppm	Fe %	Ni ppm	Co ppm	Cr ppm	V ppm	Th ppm	Sr ppm	La ppm	Ba ppm	K %	Ca %	Al %	Mg %	P %
7250N 1000 E	15	54	0 3	1	9	1	4	4	2	3	0 2	214	4 11	10	4	18	51	7	6	18	60	0 09	0 04	3 13	0 30	0 070
7250N 1050 E	13	41	0 3	1	5	1	2	4	2	3	0 2	174	3 24	6	2	13	57	8	5	22	47	0 06	0 04	2 00	0 22	0 037
7250N 1100 E	9	33	0 3	1	4	1	2	6	2	3	0 2	129	3 09	5	1	10	57	6	4	19	30	0 04	0 03	1 34	0 16	0 047
7250N 1150 E	18	87	0 3	1	14	1	2	2	2	2	0 5	286	3 09	7	4	22	40	6	9	14	105	0 06	0 04	5 43	0 20	0 088
7250N 1200 E	13	39	0 3	1	4	1	2	5	2	2	0 2	146	2 69	5	2	12	52	6	5	19	44	0 04	0 03	1 80	0 18	0 035
7250N 1250 E	9	30	0 3	1	4	1	2	2	2	2	0 2	134	1 83	3	1	7	37	5	7	15	38	0 08	0 05	1 04	0 16	0 049
7250N 1300 E	10	77	0 3	1	6	1	2	2	3	2	0 2	269	2 63	9	4	17	37	7	6	15	64	0 07	0 07	2 39	0 33	0 091
7250N 1350 E	4	27	0 3	1	2	1	2	2	2	2	0 2	147	1 18	1	1	3	16	3	6	7	29	0 11	0 05	0 71	0 17	0 015
7250N 1400 E	19	46	0 3	1	5	1	2	3	2	2	0 2	154	3 36	6	2	16	52	6	4	15	36	0 05	0 03	3 03	0 18	0 053
7250N 1450 E	16	39	0 3	1	5	1	2	3	2	2	0 2	195	2 89	6	2	13	46	5	5	18	49	0 06	0 03	1 43	0 21	0 041
7250N 1500 E	9	51	0 3	1	5	1	2	2	2	2	0 2	219	2 92	6	2	12	37	6	5	18	44	0 08	0 03	1 77	0 29	0 069
7250N 1550 E	13	39	0 3	1	7	1	2	2	2	2	0 2	199	3 30	6	2	13	46	7	5	18	43	0 05	0 05	2 03	0 22	0 074
7250N 1600 E	16	56	0 3	1	8	1	2	2	2	2	0 2	224	3 07	8	3	18	43	8	8	18	47	0 07	0 09	3 34	0 26	0 140
7250N 1650 E	16	57	0 3	1	8	1	2	4	2	2	0 2	247	4 00	10	3	19	51	6	5	18	46	0 07	0 03	1 59	0 31	0 071
7250N 1700 E	9	54	0 3	1	5	1	2	3	2	2	0 2	212	2 30	7	3	12	29	6	6	14	54	0 07	0 08	1 94	0 25	0 079
7250N 1750 E	4	8	0 3	1	3	1	2	2	2	2	0 2	27	0 43	1	1	2	11	4	3	16	21	0 02	0 02	0 38	0 02	0 014
7250N 1800 E	13	47	0 3	1	5	1	2	4	2	2	0 2	139	2 72	4	2	10	42	6	7	15	49	0 05	0 06	2 50	0 19	0 080
7350N 1000 E	12	41	0 3	1	6	1	2	2	2	2	0 2	204	3 58	6	2	15	55	8	4	20	46	0 06	0 02	2 01	0 23	0 057

COX GRID

SAMPLE	Pb ppm	Zn ppm	Ag ppm	Au ppb	Cu ppm	Mo ppm	W ppm	As ppm	Sb ppm	Bi ppm	Cd ppm	Mn ppm	Fe %	Ni ppm	Co ppm	Cr ppm	V ppm	Th ppm	Sr ppm	La ppm	Ba ppm	K %	Ca %	Al %	Mg %	P %
7350N 1050 E	9	52	0 3	1	4	1	2	2	2	2	0 2	222	3 38	5	2	14	40	8	5	16	49	0 08	0 04	2 00	0 28	0 096
7350N 1100 E	13	24	0 3	1	4	1	2	2	2	2	0 2	77	2 68	2	1	13	47	5	4	14	32	0 04	0 03	2 55	0 11	0 040
7350N 1150 E	6	38	0 3	1	4	1	2	2	2	2	0 2	180	2 89	3	2	10	42	7	5	18	37	0 07	0 03	1 26	0 23	0 059
7350N 1200 E	10	46	0 3	1	4	1	2	2	2	2	0 2	138	1 97	4	2	11	34	6	5	17	60	0 06	0 03	1 77	0 18	0 036
7350N 1250 E	14	40	0 3	1	5	1	2	2	2	2	0 2	230	3 37	4	2	11	52	7	5	19	36	0 05	0 04	1 56	0 24	0 058
7350N 1300 E	11	66	0 3	1	5	1	2	2	2	2	0 2	194	2 39	6	3	12	30	6	6	14	61	0 08	0 05	2 53	0 27	0 065
7350N 1350 E	13	73	0 3	1	5	1	2	2	2	2	0 2	202	2 75	8	3	13	34	7	7	13	65	0 08	0 10	3 64	0 31	0 121
7350N 1400 E	7	35	0 3	1	3	1	2	2	2	2	0 2	138	2 05	3	1	8	32	4	5	12	36	0 06	0 04	1 65	0 16	0 062
7350N 1450 E	13	60	0 3	1	5	1	2	2	2	2	0 2	228	3 42	7	2	15	46	6	8	16	58	0 05	0 07	1 97	0 29	0 079
7350N 1500 E	13	59	0 3	1	8	1	2	2	2	2	0 2	278	3 95	10	3	20	47	6	11	19	46	0 07	0 05	1 97	0 35	0 098
7350N 1550 E	14	59	0 3	1	8	1	2	2	2	2	0 2	246	2 52	9	4	15	27	2	7	17	50	0 08	0 11	1 82	0 33	0 065
7350N 1600 E	29	101	0 3	1	11	4	2	29	2	2	0 4	234	2 92	18	6	11	40	7	8	17	87	0 10	0 08	2 35	0 33	0 055
7350N 1650 E	14	44	0 3	1	4	1	2	2	2	2	0 2	173	2 97	4	2	11	43	6	4	15	33	0 04	0 02	1 40	0 22	0 048
7350N 1700 E	18	56	0 3	1	8	1	2	7	2	2	0 2	194	3 91	7	3	16	84	9	5	21	52	0 05	0 04	2 10	0 28	0 094
7350N 1750 E	6	30	0 3	1	2	1	2	5	2	2	0 2	148	1 49	1	1	3	17	3	3	6	20	0 08	0 03	0 65	0 17	0 019
7350N 1800 E	15	52	0 3	1	5	1	2	6	2	2	0 2	273	3 30	5	3	12	43	6	9	13	47	0 09	0 15	2 06	0 28	0 119
7450N 1000 E	10	40	0 3	1	8	1	2	2	2	2	0 2	175	2 98	7	2	14	56	5	6	17	57	0 04	0 03	1 71	0 19	0 074
7450N 1050 E	13	47	0 3	2	4	1	2	2	2	2	0 2	231	2 43	6	2	10	34	6	7	13	43	0 07	0 12	2 41	0 24	0 140
7450N 1100 E	12	53	0 3	1	6	1	2	2	2	2	0 2	211	2 15	5	3	11	28	6	7	13	46	0 08	0 10	2 98	0 26	0 089
7450N 1150 E	9	35	0 3	1	4	1	2	2	2	2	0 2	158	1 53	4	2	7	17	4	7	7	31	0 07	0 10	2 06	0 18	0 072
7450N 1200 E	16	53	0 3	1	8	1	2	2	2	2	0 2	225	3 14	8	3	18	43	7	6	15	41	0 07	0 05	3 40	0 29	0 075
7450N 1250 E	16	49	0 3	1	8	1	3	2	2	2	0 4	200	3 71	7	2	19	53	8	7	17	57	0 06	0 07	4 31	0 26	0 162
7450N 1300 E	12	34	0 3	1	4	1	2	3	2	2	0 2	167	2 52	5	1	11	48	5	5	16	39	0 05	0 09	1 39	0 16	0 078
7450N 1350 E	12	67	0 3	1	4	1	2	2	2	2	0 2	205	1 91	5	2	9	24	5	9	9	49	0 11	0 13	2 89	0 25	0 072
7450N 1400 E	10	43	0 3	1	5	1	2	2	2	2	0 2	226	1 91	9	5	12	22	8	9	16	46	0 10	0 14	1 59	0 35	0 045
7450N 1450 E	9	41	0 3	1	4	1	2	2	2	2	0 2	208	1 50	7	3	8	17	5	9	12	30	0 10	0 20	1 46	0 21	0 075
7450N 1500 E	8	40	0 3	1	5	1	2	2	2	2	0 2	218	1 80	5	2	10	21	2	5	14	30	0 07	0 05	1 29	0 27	0 039
7450N 1550 E	14	48	0 3	1	4	1	2	2	2	2	0 2	222	1 98	8	3	11	26	4	8	18	43	0 09	0 13	1 59	0 32	0 056
7450N 1600 E	18	44	0 3	1	6	1	2	3	2	2	0 2	164	3 10	7	2	16	50	6	8	17	47	0 04	0 09	3 33	0 19	0 089
7450N 1650 E	19	50	0 3	1	5	1	2	8	2	2	0 2	195	2 79	7	2	15	46	8	6	16	35	0 05	0 09	2 43	0 21	0 072
7450N 1700 E	20	140	0 3	2	9	2	2	18	2	2	0 3	255	2 44	11	3	8	29	8	14	18	68	0 11	0 20	1 25	0 22	0 068
7450N 1750 E	3	7	0 3	1	1	1	2	2	2	2	0 2	12	0 17	1	1	3	7	2	3	18	23	0 02	0 01	0 37	0 02	0 010
7450N 1800 E	9	27	0 3	1	4	1	2	2	2	2	0 2	152	1 76	3	1	6	24	4	8	13	35	0 06	0 07	0 98	0 15	0 078
7550N 1000 E	9	36	0 3	1	5	1	2	2	2	2	0 2	175	1 24	6	2	7	14	2	26	16	42	0 11	0 40	1 32	0 19	0 041
7550N 1050 E	17	83	0 3	1	9	1	2	7	2	2	0 2	262	4 44	13	4	22	54	8	7	20	56	0 11	0 06	2 66	0 37	0 060

COX GRID

SAMPLE	Pb ppm	Zn ppm	Ag ppm	Au ppb	Cu ppm	Mo ppm	W ppm	As ppm	Sb ppm	Bi ppm	Cd ppm	Mn ppm	Fe %	Ni ppm	Co ppm	Cr ppm	V ppm	Th ppm	Sr ppm	La ppm	Ba ppm	K %	Ca %	Al %	Mg %	P %
7550N 1100 E	15	32	0 3	1	5	1	2	2	2	2	0 2	139	2 92	7	2	13	61	6	8	20	43	0 05	0 05	1 51	0 16	0 031
7550N 1150 E	10	36	0 3	1	3	1	2	2	2	2	0 2	154	1 78	4	2	9	31	6	8	16	43	0 09	0 06	1 19	0 18	0 024
7550N 1200 E	11	46	0 3	1	7	1	2	2	4	2	0 2	148	2 95	6	2	12	55	8	6	20	47	0 06	0 04	1 86	0 21	0 058
7550N 1250 E	12	17	0 3	1	4	1	2	2	2	2	0 2	101	1 39	3	1	7	41	2	5	19	31	0 04	0 02	0 79	0 06	0 029
7550N 1300 E	10	21	0 3	1	3	1	2	2	2	2	0 2	101	1 85	3	1	9	30	6	7	16	27	0 05	0 10	1 90	0 10	0 070
7550N 1350 E	9	30	0 3	1	3	1	2	2	2	2	0 2	115	1 64	4	1	8	24	5	5	15	36	0 05	0 04	1 69	0 15	0 045
7550N 1400 E	6	52	0 3	1	3	1	2	2	2	3	0 2	192	2 02	5	3	6	27	7	10	15	36	0 09	0 18	1 43	0 21	0 081
7550N 1450 E	11	51	0 3	1	4	1	2	2	2	2	0 2	165	2 25	6	2	9	29	6	6	13	39	0 05	0 08	1 54	0 21	0 092
7550N 1500 E	8	36	0 3	1	3	1	2	2	2	2	0 2	146	1 44	3	1	5	20	4	4	11	28	0 06	0 05	1 00	0 16	0 050
7550N 1550 E	9	38	0 3	1	4	1	2	2	2	2	0 2	224	1 50	4	2	6	17	6	10	13	28	0 11	0 21	1 11	0 21	0 088
7550N 1600 E	7	41	0 3	3	3	1	2	2	2	2	0 2	194	1 78	6	2	9	20	6	7	14	32	0 08	0 15	1 39	0 25	0 060
7550N 1650 E	14	77	0 3	1	9	2	2	2	2	2	0 2	321	2 94	14	5	22	41	7	7	18	85	0 07	0 04	3 11	0 39	0 048
7550N 1700 E	9	53	0 3	1	6	1	2	5	2	2	0 2	223	1 66	6	3	5	21	5	9	11	33	0 10	0 16	0 76	0 22	0 044
7550N 1750 E	12	35	0 3	1	5	1	2	2	2	2	0 2	170	2 90	5	1	10	38	6	4	14	30	0 06	0 05	1 34	0 19	0 071
7550N 1800 E	7	63	0 3	1	7	1	2	2	2	2	0 2	219	2 46	7	3	14	35	7	6	16	51	0 08	0 05	2 19	0 26	0 071

ROCK SAMPLE DESCRIPTIONS

Sample No	Location	Description
795	20 m E of 798	Grab sample from quartzite outcrop
797	20 m E of 798	Grab sample of near vertically dipping quartz vein
798	9590N 1985E	Grab sample of limonitic quartz vein
799	20 m E of 798	Grab sample of flat lying limonitic quartzite band
800	9610N 1940E	Grab sample of limonitic phyllite near intrusive contact
801	9610N 1940E	Grab sample of quartzite band
802	9610N 1940E	Grab sample of quartzite band
803	9500N 2225E	Grab sample of 30 cm wide quartzite band
804	9500N 2225E	Chips across 0 6 m x 3 m exposure of quartzite
817	9550N 2150E	Chips across ~ 2 m^2 outcrop of altered phyllite with FeOx & MnOx
818	9560N 2140E	Chips across ~ 2 m of outcrop of phyllite with grit bands FeOx & MnOx
819	9500N 2200E	Chips from talus Phyllite with vuggy limonitic quartz vein
820	9500N 2250E	Chip sample across ~ 1m section in hanging wall to #798
		Sample consists of phyllite with interbedded grit bands FeOx & MnOx
821	9500N 2250E	Chips across 1 9 m thick section with 6 quartzite bands parallel foliation
		Bands consist of massive white quartz locally limonitic or rust stained
		Veins constitute 80% of section thickest vein is ~30 cm wide
828	9600N 2125E	Grab sample from quartzite band
829	9500N 2250E	Grab sample of limonitic phyllite

LANCE Claims Rock Sample ICP Data																											
SAMPL	Pb	Zn	Ag	Au	Cu	Mo	W	As	Bi	Cd	Mn	Fe	Ni	Co	Cr	V	Th	Sr	La	Ba	Na	K	Ca	Al	Mg	Ti	P
NO	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%
795	301	138	0 9	8	40	10	2	6	4	0 2	115	2 93	16	6	215	7	2	4	3	3	0 01	0 01	0 04	0 26	0 12	0 01	0 018
797	686	295	1 7	1	16	5	2	2	6	0 4	590	1 70	26	10	130	12	3	3	9	12	0 02	0 07	0 06	0 70	0 21	0 01	0 029
798	190	86	0 4	42	98	7	4	2	9	0 2	184	5 64	27	8	144	26	4	25	7	125	0 04	0 18	0 17	1 19	0 40	0 04	0 061
799	127	59	0 5	8	39	8	2	2	3	0 2	136	2 41	12	5	208	5	2	6	5	6	0 01	0 01	0 10	0 25	0 22	0 01	0 019
800	46	71	0 3	32	51	5	2	2	2	0 4	376	7 19	24	16	143	127	17	31	38	196	0 04	1 20	0 25	4 33	1 05	0 33	0 124
801	56	202	0 3	15	40	8	2	5	3	0 5	415	2 25	37	24	203	18	4	5	21	12	0 01	0 05	0 18	0 79	0 47	0 01	0 076
802	27	62	0 3	8	62	7	4	2	2	0 2	115	2 97	19	9	150	7	2	6	4	9	0 01	0 01	0 05	0 20	0 07	0 01	0 036
803	20	45	0 3	17	16	8	2	2	2	0 2	133	2 75	13	6	185	13	2	12	1	19	0 01	0 18	0 07	0 91	0 48	0 01	0 031
804	28	40	0 3	15	30	7	2	2	2	0 2	103	2 84	11	6	148	8	2	4	2	8	0 01	0 02	0 05	0 38	0 22	0 01	0 034
817	11	76	0 3	28	27	1	2	2	2	0 2	492	5 19	17	10	64	44	12	16	31	86	0 03	0 36	0 08	2 95	1 12	0 03	0 092
818	9	102	0 3	25	31	5	2	2	2	0 2	608	5 91	34	11	98	61	10	15	23	117	0 03	0 57	0 22	3 32	1 30	0 12	0 111
819	9	59	0 6	18	19	5	2	49	2	0 2	1098	4 07	38	21	91	32	12	15	35	65	0 01	0 30	0 14	1 77	0 65	0 02	0 068
820	3	73	0 3	45	37	3	2	3	2	0 2	366	6 76	32	14	92	61	12	28	22	117	0 03	0 82	0 23	3 95	1 52	0 13	0 146
821	139	234	0 4	32	75	5	2	13	2	0 9	853	4 95	79	30	140	57	9	11	17	79	0 01	0 48	0 19	2 70	1 28	0 10	0 070
828	18	1355	0 4	28	27	6	2	2	18	6 5	1205	2 64	22	9	141	20	9	25	13	25	0 06	0 10	0 36	1 53	0 57	0 04	0 066
829	29	705	0 5	25	17	5	17	34	7	2 9	2310	3 21	37	14	113	21	4	6	14	19	0 01	0 14	0 11	1 09	0 38	0 01	0 049

APPENDIX C

PERSONNEL

PERSONNEL

Carl G Verley Vancouver B C	Geologist
Harry Melnychuk Enderby B C	Cook
Bill Preston Kamloops B C	Field Technician
Yasu Hashimoto Kelowna B C	Field Technician
Steve Stanley Watson Lake Yukon	Helicopter Pilot
Ed Gartner Armstrong B C	Driller Foreman
Clane Komish Watson Lake Yukon	Driller
Larry Riesling Watson Lake Yukon	Drill Helper
Bill Berg Watson Lake Yukon	Drill Helper

APPENDIX D

WRITER'S CERTIFICATE

AMERLIN EXPLORATION SERVICES LTD
2150 1851 Savage Road Richmond B C V6V 1R1 Tel/Fax (604) 821 1088

WRITER'S CERTIFICATE

I Carl G Verley of Vancouver British Columbia hereby certify that

1 I am a geologist with business office at 2150 1851 Savage Road Richmond B C

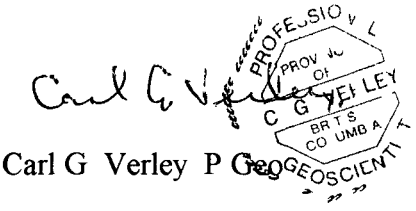
2 I am a graduate of the University of British Columbia B Sc in 1974 and have practiced my profession since that time

3 I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of B C

4 I am the author of this report which is based on work supervised by me on the COX and LANCE claims and conducted during the period September 11 to October 9 1996

5 I have no direct or indirect interest in the securities of Snowdrift Minerals Inc nor do I expect to receive any

Amerlin Exploration Services Ltd



Carl G Verley P Geo

December 30 1996
Richmond B C

LEGEND

CRETACEOUS (?)

Kqm — MEDIUM-GRAINED BIOTITE-QUARTZ MONZONITE

UPPER DEVONIAN-MISSISSIPPIAN

uDMqd — QUARTZITE AND DOLOMITIC QUARTZITE LOCALLY FOSSILIFEROUS.

uDMs — PHYLLITE: GREENISH GREY TO DARK GREY AND CARBONACEOUS. LOCAL HORNFELS, WITH QUARTZ VEINS AND DISSEMINATED PYRITE NEAR INTRUSIVE CONTACTS. CONTAINS QUARTZITE AND LIME-STONE AT SKARN ZONE. SEE PLATE 2 FOR DETAILS. SUBDIVIDED INTO UNITS $uDMs_1$, $uDMsq$, $uDMs_2$ AT SKARN ZONE.

- LITHOLOGIC CONTACT
- OUTCROP DISTRIBUTION
- BEDDING (18)
- FRACTURES (85)
- FOLIATION (37)
- QUARTZ VEIN
- X 828 — ROCK SAMPLE LOCATION. REFER TO APPENDIX B FOR ANALYTICAL DATA
- EXTENSIONS TO SKARN ZONE SOIL GRID. REFER TO APPENDIX B FOR ANALYTICAL DATA
- CRS-2 — CRS-11 — RECONNAISSANCE SOIL LINE (1994) COX CLAIMS
- ANOMALY I, II — SOIL GEOCHEMICAL ANOMALIES (1994)
- A — HLEM CONDUCTORS (1994)
- F — FOREST COVERED AREAS

NOTE:
TOPOGRAPHY FROM ENERGY, MINES AND RESOURCES MAP 105H/2
-CONTOUR INTERVAL 20 METERS
-MAGNETIC DECLINATIONS 29°46' (1994)

SNOWDRIFT MINERALS INC.

GEOLOGY

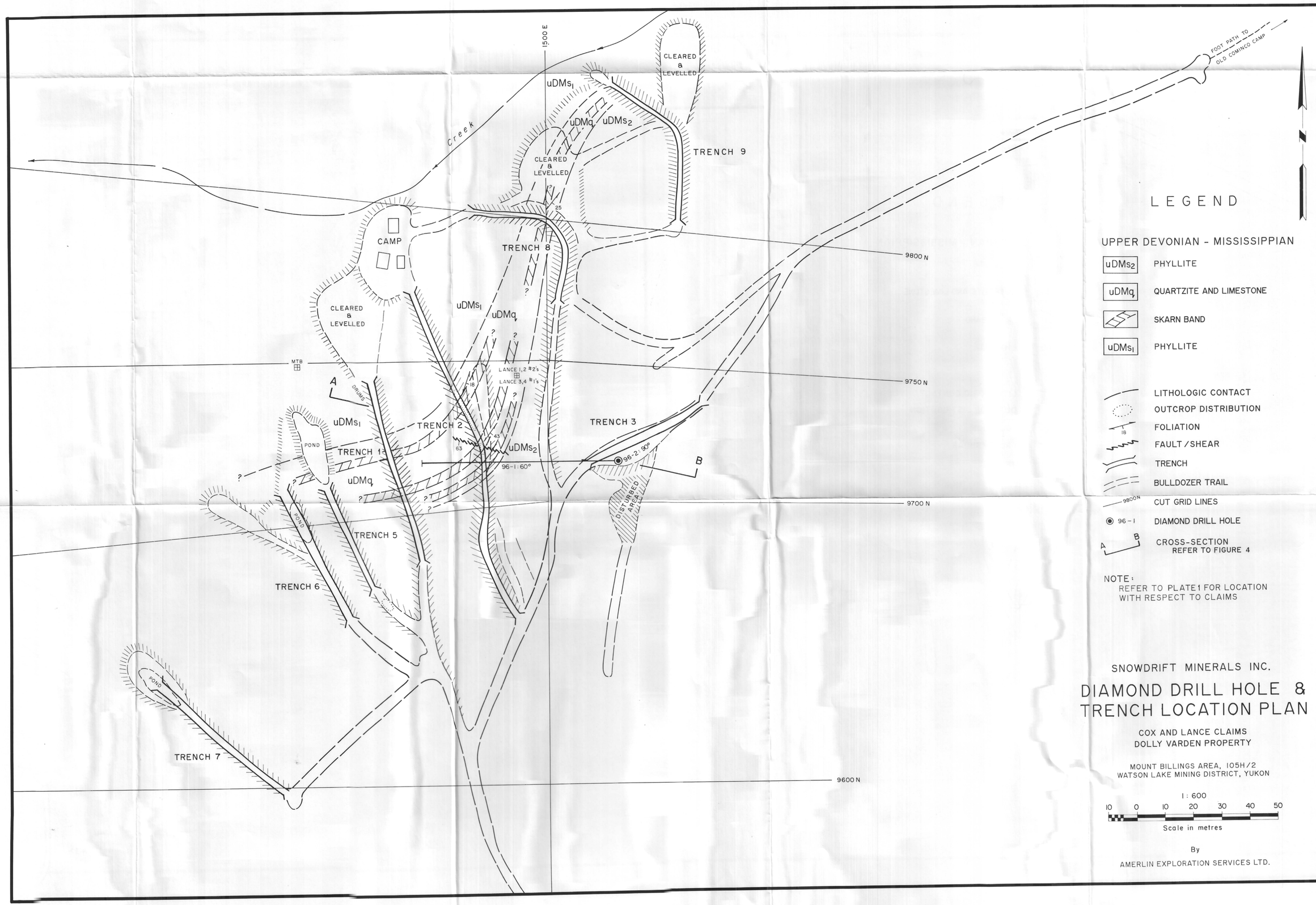
DOLLY VARDEN PROPERTY

MOUNT BILLINGS AREA, 105H/2
WATSON LAKE MINING DISTRICT, YUKON

0 200 400 600 800 1000
Scale in Metres

By
AMERLIN EXPLORATION SERVICES LTD.

PLATE 1



LEGEND

UPPER DEVONIAN - MISSISSIPPIAN

- $uDMs_2$ PHYLLITE
- $uDMq_1$ QUARTZITE AND LIMESTONE
- SKARN BAND
- $uDMs_1$ PHYLLITE

- LITHOLOGIC CONTACT
- OUTCROP DISTRIBUTION
- FOLIATION
- FAULT / SHEAR
- TRENCH
- BULLDOZER TRAIL
- CUT GRID LINES
- 96-1 DIAMOND DRILL HOLE
- CROSS-SECTION REFER TO FIGURE 4

NOTE:
REFER TO PLATE 1 FOR LOCATION WITH RESPECT TO CLAIMS

SNOWDRIFT MINERALS INC.

DIAMOND DRILL HOLE & TRENCH LOCATION PLAN

COX AND LANCE CLAIMS
DOLLY VARDEN PROPERTY

MOUNT BILLINGS AREA, 105H/2
WATSON LAKE MINING DISTRICT, YUKON

1 : 600

10 0 10 20 30 40 50
Scale in metres

By
AMERLIN EXPLORATION SERVICES LTD.

PLATE 2