DIAMOND DRILL REPORT

INTERNATIONAL CANALASKA RESOURCES LTD.

TIMMINS PROPERTY

NTS 42A/SE

Andrew Tims
NORTHERN MINERAL EXPLORATION SERVICES

April 30, 1999
Timmins, Ontario

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INTRODUCTION

This report presents and summarizes the results of a 4 hole, 624 metre NQ diamond drill program carried out for International CanAlaska Resources (ICA) on their Timmins Township property located southeast of the city of Timmins. (Figure 1).

The drill program was conducted between March 22nd and 29th, 1998. All four holes were drilled on the existing grid about Dougherty Lake with a baseline oriented at N45°W. Drill targets were developed from a combination of IP, magnetic and VLF surveys.

Bill Howell of International CanAlaska Resources Ltd. managed the program with field supervision by Andrew Tims.

LOCATION AND ACCESS

The Timmins property is located in Timmins and Michie Townships of the Porcupine Mining Division. The property is approximately 47 kilometres southeast of the city of Timmins on NTS sheet 42A/SE.

Access to the property is gained via the Gibson Lake Road approximately 50 kilometres east of Timmins along Highway 101. The Gibson Lake Road traverses the northeastern portion of the property, crossing the properties northern boundary 24 kilometres south of Highway 101. A series of logging roads off of the Gibson Lake Road access the southern portion of the property. (Figures 1& 2)

CLAIMS AND OWNERSHIP

The Timmins property consists of 48 contiguous unpatented claims, comprising approximately 9 472 hectares, in 577 claim units (Figure 2). International CanAlaska Resources has an option to earn a 50% interest in the property from East-West Resource Corp., Canadian Dragon Resource Ltd. and Cross Lake Minerals Ltd. A list of the claims is found in Table 1 with the names and addresses of the registered owners in Appendix 3.

Table 1

Timmins Property Claims List

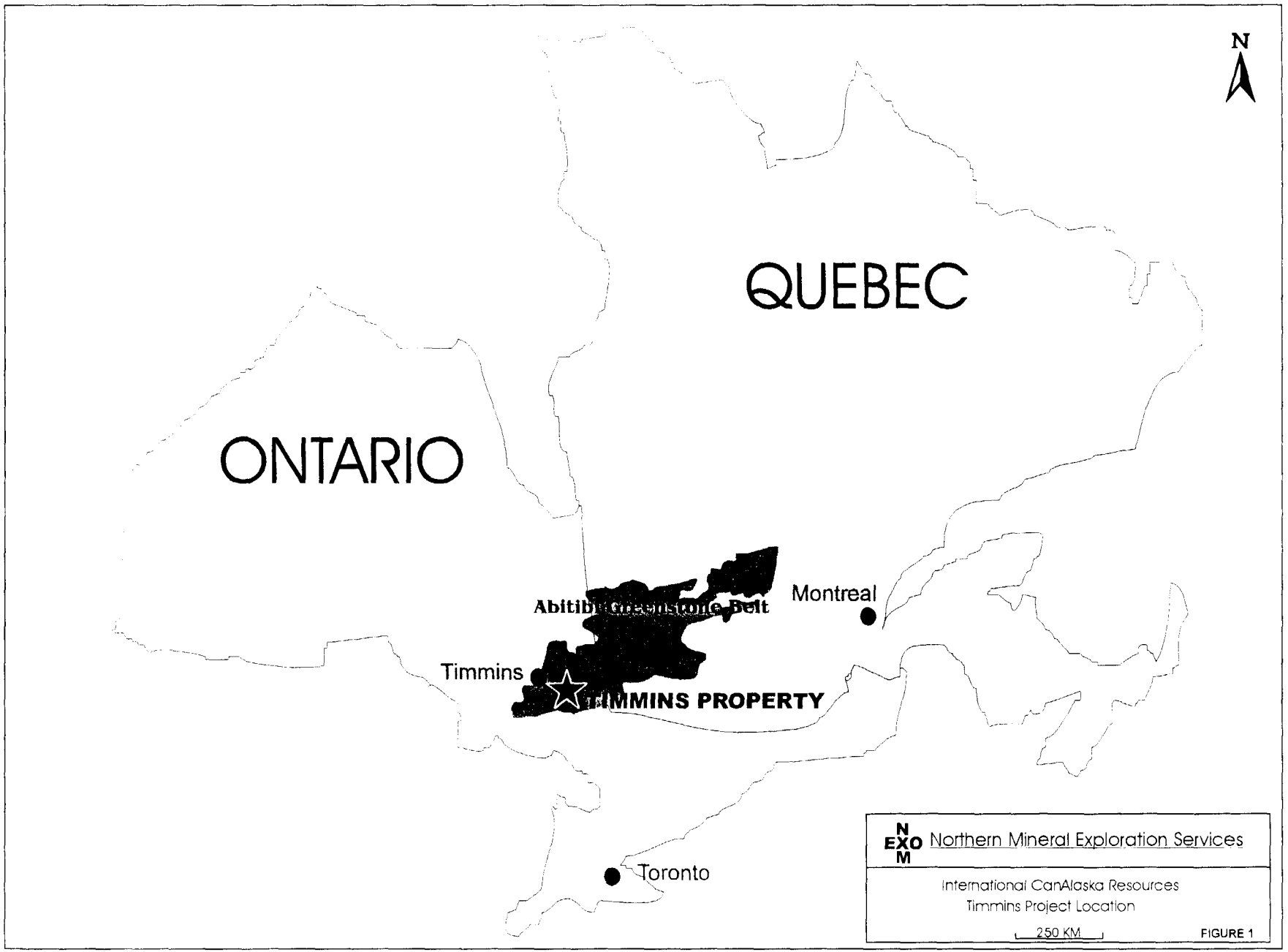
Claim Number	Units	Due Date	Township	Registered Owner
1193700	16	June 14, 2000	Timmins	
1193701	8	June 14, 1999	Timmins	
1193702	1	June 14, 1999	Timmins	
1193703	16	June 14, 1999	Timmins	
1193706	12	June 14, 1999	Timmins	
1193745	16	September9, 2000	Timmins	50% East-West Resource Corp.
1193746	16	September 8, 2000	Timmins	50% Canadian Golden Dragon
1193747	16	September 8, 2000	Timmins	
1193748	3	September 8, 2000	Timmins	
1193749	2	September 8, 2000	Timmins	
1193750	9	September 8, 1999	Timmins	
1207303	16	October 11, 2000	Timmins	
1193533	16	September 8, 2000	Michie	

1193534	16	September 8, 2000	Michie	
1193535	16	September 8, 2000	Michie	
1200259	16	August 24, 2000	Timmins	
1200262	12	August 24, 1999	Timmins	
1200267	16	August 24, 1999	Timmins	
1200268	16	August 24, 1999	Timmins	
1206912	16	February 19, 2000	Timmins	
1206913	16	February 19, 2000	Timmins	100% East-West Resource Corp.
1200272	16	August 24, 2000	Timmins	
1200280	12	September 8, 2000	Timmins	
1200284	8	September 8, 2000	Timmins	
1200285	16	September 8, 2000	Timmins	
1200290	16	September 8, 2000	Timmins	
1200291	8	September 8, 2000	Timmins	
1207301	16	October 11, 2000	Timmins	
1212699	16	January 30, 2000	Timmins	
1212700	4	January 30, 2000	Timmins	
1207056	5	May 16, 1999	Timmins	
1212634	12	November 6, 2000	Michie	
1212635	16	November 6, 2000	Michie	
1212636	16	November 6, 2000	Michie	50% East-West Resource Corp.
1212637	16	March 9, 2000	Michie	50% Canadian Golden Dragon
1212638	16	November 6, 2000	Michie	
1212639	8	November 6, 2000	Michie	
1212640	8	November 6, 2000	Michie	
1212641	8	November 6, 2000	Michie	
1219347	8	July 2, 1999	Michie	
1219500	12	July 2, 1999	Michie	
1219496	16	July 2, 1999	Michie	
1219497	16	July 2, 1999	Michie	
1223685	4	July 2, 1999	Michie	
1223686	16	July 2, 1999	Michie	100% International CanAlaska
1223687	16	July 2, 1999	Michie	
1223688	4	July 2, 1999	Michie	
1224292	12	July 2, 1999	Michie	

PREVIOUS WORK

A lack of outcrop has hampered exploration in the area until recently:

1937 the Steven-la Casse claims, partly covering the present day claim group were staked;
1940 L.G. Berry of the Ontario Department of Mines mapped the Langmuir-Sheraton area sampling a quartz-sericite schist with pyrite mineralization in Timmins Township;
1972 Cominco completed a magnetic and VLF survey along the Sheraton-Timmins Township boundary;
1972 The Geological Survey of Canada covered the area with a reconnaissance scale Lake sediment survey;


N
QUEBEC
ONTARIO
Abitibi Greenstone Belt
Montreal
Timmins
TIMMINS PROPERTY
Toronto
N
EXO
M
Northern Mineral Exploration Services
International CanAlaska Resources
Timmins Project Location
250 KM
FIGURE 1

1980 The Ontario Geological Survey mapped a 6 township area including Timmins and Michie;
1983 P. Guenther staked a four-claim block west of Doughtery Lake and drilled a 53 metre hole intersecting interbedded rhyolite tuffs and flows and chloritic tuffs;
1988 P. Guenther completed a small trenching program over the claims using a portable drill and explosives;
1992 East West Resources Corp. staked the current claim block.
1993 280 kilometres of grid line, magnetic and IP surveys were carried out by East-West Resources and joint venture partner Canadian Golden Dragon Resources;
1995 Royal Oak Mines optioned the claim block and completed a total of 54.5 kilometres of IP and three DDH (TT95-1, 3,& 11) totalling 887 metres;
1996 A 'B' horizon soil sampling program of 336 soil was completed on the western half of the property with a four hole DDH program (TT96-4, 14, 25, & 6) totalling 1,198 m;
1997 An additional 135.8 kilometres of line cutting, magnetic, VLF, and Max-Min surveys were completed with a single 210 metre DDH finished on claim P1193700.
1998 A detailed mapping program was carried out over an area of limited outcrop West of Dougherty Lake during September to evaluate the mineralization and alteration associated with the Sulphide and Sericite Showings. A follow-up drill program totalling 937 metres was completed during the month of November on the Dougherty Lake grid and a newly established grid in the northern half of Timmins Township.

DRILL PROGRAM SUMMARY

Drilling commenced on March 22nd and was completed on March 29th, 1999. NDS Drilling Ltd. of Timmins, Ontario was contracted to perform the diamond drilling using a Boyles 37 drill rig. The drill program consisted of 4 NQ holes, numbered TT99-01 to TT99-04, totaling 624 metres.

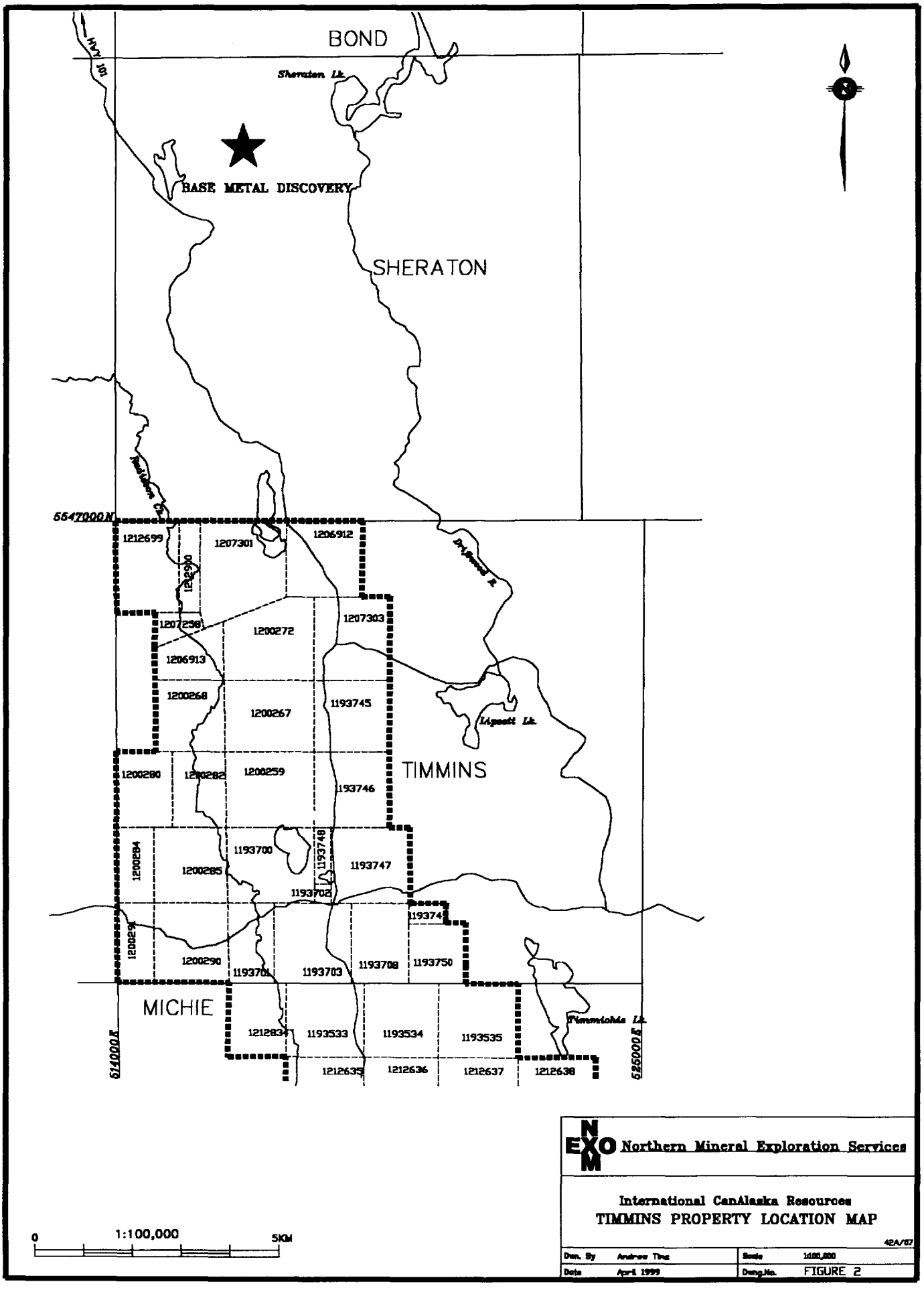
The drilling was carried out solely on claim P1193700. All holes were collared at a dip of -45°. Diamond drill logs are included in Appendix 1 while assay certificates for gold and 34 element ICP are listed in Appendix 2. Drill plans and sections are located in Appendix 4.

A total of 80 samples were taken for Au by fire assay with AA finish and 34-element ICP scan. Samples returning values greater than 1,000 ppm zinc by ICP analysis were reassayed using a concentrated nitric and hydrochloric acid digestion and an AA finish. Five samples were also analyzed for whole rock oxides plus an extended package for rare earth elements. Chemex Labs in North Vancouver carried out all assaying. Sample lengths averaged 2.0 metres.

Samples were logged and split in the Echo Bay Mines core facility at the Aquarius Mine property and shipped by the author to the Chemex Labs prep facility in Timmins on a daily basis. All drill cores are stored outdoors at the Aquarius Mine property.

Table 3
Diamond Drill Program Details

Hole	Easting	Northing	Azimuth	Dip	Length
TT99-01	4+00E	4+85N	RYO GRD 180°	-50°	152.0
TT99-02	2+00E	0+50N	RYO GRD 180°	-50°	155.0
TT99-03	7+00E	2+50S	RYO GRD 180°	-50°	146.0
TT99-04	2+00W	4+95N	RYO GRD 180°	-50°	170.0


BOND
Sheraton Lk.
BASE METAL DISCOVERY
SHERATON
6547000N
1212699
1207301
1206912
1212900
1207238
1200272
1207303
1206913
1200268
1200267
1193745
Lapoint Lk.
TIMMINS
1200280
1200282
1200259
1193746
1193700
1193748
1200284
1200285
1193747
1193702
1193749
1200291
1200290
1193701
1193703
1193708
1193750
MICHIE
Timmiohio Lk.
614000E
625000E
1212634
1193533
1193534
1193535
1212635
1212636
1212637
1212638
0
1:100,000
5KM
N
EXO
Northern Mineral Exploration Services
International CanAlaska Resources
TIMMINS PROPERTY LOCATION MAP
42A/07
Drn. By
Andrew Thus
Scale
1:100,000
Date
April 1999
Dwg.No.
FIGURE 2

REGIONAL GEOLOGY

The Timmins property is underlain by Archean aged rocks of the northeast trending Abitibi greenstone belt, cut by minor Proterozoic diabase dykes. The supracrustal rocks within the immediate area of the property have previously been included within the Watabeag Assemblage of Jackson and Fyon, 1991. New tectonic revisions by Ayer et al. 1999 have recognized that the Abitibi greenstone belt is composed of nine distinctive stratigraphic units (assemblages) based on geochronology, lithology and temporal relationships. Economic base mineral deposits are restricted to specific assemblages identifiable by chemically distinctive felsic volcanics over specific stratigraphic intervals.

The Timmins property straddles about 15 kilometres of strike length of the conformable contact between the Tisdale and Kinojevis assemblages (Ayer et al. 1999). The Tisdale assemblage is subdivided into two suites: 1) a tholeiitic to komatiitic suite (lower) and; 2) a calc-alkaline suite (upper) predominately consisting of intermediate to felsic pyroclastic rocks. The Kinojevis assemblage is a thick sequence of tholeiitic mafic volcanics. Geological mapping and diamond drilling by ICA in the Dougherty Lake area of Timmins Township has encountered a predominately calc-alkaline volcano-sedimentary succession consisting of mafic tuffs and flows grading to felsic/intermediate tuffs in the western portion of the property. Hence, work to date by the government survey and ICA has determined that the Timmins property covers a portion of the Upper Tisdale assemblage.

The Upper Tisdale assemblage hosts the 6.6 Mt Kamiskotia Cu+Zn deposit northwest of Timmins and the base metal deposits of the Val d'Or formation in Quebec. Calc-Alkaline pyroclastics of the Upper Tisdale assemblage in Sheraton Township, to the north, are host to significant base metal mineralization that is currently under investigation by Cross Lake Minerals.

PROPERTY GEOLOGY

Lithology

The ICA drill program intersected: tuffaceous sediments, mafic tuffs and lapilli tuffs, intermediate tuffs and crystal tuffs plus mafic, feldspar porphyry and diabase dykes. A classification criterion for each lithology is described in the following section.

Sediments

Tuffaceous Sediment (coded 5t) is mottled light to dark grey in colour, fine grained with 1-3% mafic volcanic lapilli, locally 3-4% medium grained subhedral feldspar averaging 2-3 millimetre in diameter. Pale grey irregular blebs of aluminosilicates occur throughout averaging 1-5%. The blebs consist of a very fine-grained fibrous mineral radiating out from the middle of the bleb possible indicating the presence of sillimanite. The unit is generally weakly fractured throughout with carbonate infilling of fractures and is cut by millimetre scale light grey quartz veinlets at 45° to the core axis containing trace pyrrhotite.

Volcanics

Mafic Tuff/Lapilli Tuff (coded 3t, 3lt) is dark green-dark grey in colour. Tuffs consist of 30-40% fine-grained chloritic ash size fragments and 5-8% mafic lapilli. The matrix is weak to moderately biotitic with trace subhedral feldspar 1-2 mm in size. Lapilli tuff and Lapilli-stone

have a similar matrix but also contains up to a maximum of 40% lapilli. Some lapilli (<5%) are partially sericitized. This unit typically plots out as a calc-alkaline basalt to an andesitic basalt on the SiO_2 vs. Zr/TiO_2 plot of Winchester & Floyd, 1977 (See Appendix 2).

Intermediate Tuff/Flows (coded 3t,3a) is a light grey to green, moderately to strongly foliated as indicated by 5:1 stretch ratios of fragments and the presence of ptymaticly folded quartz veinlets. A hard, competent unit typically contains 5-8% white euhedral feldspar (albite?). Tuff contains 2-3% angular pale grey lapilli and 1-2% spherical quartz filled amygdules. The amygdules? typically possess pressure shadows. Trace carbonate along fractures. Trace-1/2% disseminated pyrite. This unit typically plots out on the SiO_2 vs. Zr/TiO_2 plot of Winchester & Floyd as an andesite.

Felsic to Intermediate Crystal Tuff (coded 2xt) is similar in colour and lapilli content to the Intermediate Tuff described above but contains up 35-40% medium grained euhedral to subhedral white feldspar. The phenocrysts occur in bands consisting of 50-60% crystals ranging in size from 5 to 15 centimetres. Individual crystals are typically fractured, with minor sericite or epidote alteration along their outer margins and show evidence or rotation and weakly developed pressure shadows. This unit typically plots out well into the dacite compositional field on the SiO_2 vs. Zr/TiO_2 plot of Winchester & Floyd, 1977 (See Appendix 2).

Intrusives

Mafic Dyke (coded 7g) is grey-green in colour composed of medium to coarse-grained amphibole and feldspar. The unit exhibits a weak foliation and is moderately fractured with minor brecciation and weak pervasive carbonate alteration.

Feldspar Porphyry Dykes (coded 8fp) are medium grained, medium grey with 30-40% subhedral to euhedral beige to pink feldspar within variably silicified groundmass. One centimetre wide quartz veinlets containing trace pyrite locally cut the dykes. Typically trace-1/2% very fine-grained pyrite occurs throughout the groundmass.

Granite Dyklets (8g) were originally identified as subrounded felsic lapilli and blocks within a mafic tuff in hole TT99-04. The swarm of 2-8 centimetre wide granitic dykes have been folded and boudinaged by the moderate foliation that is ubiquitous throughout the immediate area of the drill hole. Moderate to strong sericite alteration has replaced the original feldspar rich matrix leaving only 2-3% medium grained quartz and 5-8% fine grained biotite.

Diabase (coded 9) dykes (Matachewan) are dark grey to black, medium to coarse grained and are weak to moderately magnetic. Topographic highs in the map area are dominated by outcropping diabase.

Drill log Summary

TT99-01 was spotted to test a zone of moderate chargeability coincident with a resistivity low 200 metres east along strike of a base metal intersection encountered in hole TT96-16 by Royal Oak Mines Ltd. Fine-grained, garnetiferous and poorly sorted tuffaceous sediment was collared into at 16.4 metres to depth of 21.7 metres. The mafic tuff, which followed to the end of the hole at 152 metres, was weakly fractured and variably altered by sericite. An

interval of moderate to intense sericite alteration occurred from 33.9 to 77.5 metres with the sericite alteration initially being introduced as centimetre scale alteration haloes about quartz veinlets. The core of the 43 metre altered interval consisted of strong to intense sericite alteration. No dominant structural feature was noted. The IP anomaly was explained by ½ to1% disseminated pyrite within the intensely altered interval.

TT99-02 was spotted to test a wide zone of moderate chargeability 125 m east of the sericite showing and 100 m west of hole TT96-15. The hole collared into massive andesitic flows and flow top breccias from 6.3 to 79.2 m. The volcanics were amygduloidal, variably fractured, weakly chloritized and were cut by numerous tight slip faces and fault gouges. A mottled grey to green coloured andesite ash tuff followed to 106.5 m with centimetre scale feldspar crystal tuff interbeds. The tuff unit becomes finer in a down hole direction with 1-2% possible volcanic bombs disrupting the weakly developed bedding. A 10-cm wide hematite stained feldspar porphyry dyklet, within the tuff, occurs at 102.5 m with a quartz/carbonate veinlet containing massive very fine-grained tourmaline along the wallrock interface. A massive, weakly fractured, hematite stained feldspar porphyry dyke was encountered from 106.5 to 110.1 m carrying 1-2% fine-grained disseminated pyrite. The andesite tuff following the dyke is moderately silicified with minor sericite and hematite staining about fractures to 126.5 m. A dacite tuff to lapilli tuff followed to 132.2 m with very sharp leading and trailing contacts. The moderate foliation within the dacite tuff showed minor deflections about fractures and ptygmatic folding of late quartz veinlets. A dacite feldspar crystal tuff consisting of 8-10% euhedral to subhedral albite feldspar and trace lapilli was encountered to a depth of 146.6 m. A fine-grained, massive, amygduloidal dacite flow finished the hole at 155 m. The chargeability is interpreted to be 1-2% pyrite associated with the 4.4 m hematite stained feldspar porphyry dyke with 1-2 disseminated pyrite.

TT99-03 was spotted to test a moderate IP chargeability anomaly coincident with a weak Cu in soil anomaly. A dacite feldspar crystal tuff with patchy weak to moderate sericite/epidote alteration was collared into from 16.5 to 111.8 m. A 1.8 m interval at 32.45 m possessed dark brown sphalerite within fractures and as part of a subrounded quartz clast (replacement?). The tuff was repeatedly intruded by 2-3 m. fine to medium grained hematite stained zenolith bearing feldspar porphyry dykes averaging trace to ½% disseminated pyrite. A dacite lapilli tuff followed to 120.5 m. The Lapilli tuff was strongly silicified and some of the sericitized lapilli may be the result of selective alteration of the matrix. Quartz lapilli were also noted showing a sense of dextral rotation as evident by the well developed pressure shadows. A dacite tuff, similar to the top of the hole, completed the hole to a depth of 146 m. The source of the IP chargeability is considered to be the numerous fine to medium grained disseminated pyrite within the feldspar porphyry dykes.

TT99-04 was drilled to test a strong IP chargeability anomaly 300 m west along strike of the Sulphide Showing on line 1+00E. A feldspar porphyry dyke was collared into from 6.3 to 9.5 m followed by a dark green moderately foliated calc-alkaline basalt with minor sub meter tuffaceous interbeds to 53.9 m. A fine grained ash tuff with the rare centimetre scale lapilli beds followed to 133 m. The ash tuff was intruded by lapilli to block size, rounded, fluidal looking felsic dyklets. The dyklets were composed of sericite and quartz with minor biotite. The felsic intrusives are foliated, boudinaged and were original mistaken for felsic fragments within a mafic tuff. After 133.0 m the mafic tuff becomes light grey in colour due to the introduction of albite and sericite along fractures. Albite alteration intensifies down hole obliterating all original textures to 137.0 m. Very fine grained, weakly fractured, unaltered

tuffaceous sediment follows to 138.1 m with well-developed aluminosilicate blebs. An intense albite and silica mineralogy hosting 15-20% semi-massive and banded pyrite follows to 139.2 m. A weakly albitized andesite tuff and a massive, amygduloidal andesite flow with weak pervasive albite alteration finishes the hole at 170.0 m. The IP anomaly is due to the 1.1 metre interval of semi-massive pyrite at 138.1 m that yielded only trace amounts of Cu and Zn.

Alteration and Mineralization

The sulphide mineralization encountered in hole TT99-04 is hosted within an intense albite/silica matrix and contains weakly elevated copper and zinc values. The absence of any substantial wallrock alteration, the banded (bedded) nature of the pyrite, an impervious capping sedimentary unit and a depleted europium signature (Gale et al. 1997) within the sulphides indicates the mineralization is syngenetic and distal to any vent facies.

All of the volcanic units encountered have seen substantial mass changes with regards to the mobile elements CaO, K_2O and MgO. Verifying the original host rocks geochemical signature involved the use of trace element data plotted on Winchester & Floyd 1977 (See Appendix 2).

CONCLUSION AND RECOMMENDATIONS

Diamond drill holes TT99-01, 02 & 03 intersected non auriferous disseminated pyrite mineralization either in moderate to strong sericite alteration or within narrow feldspar porphyry dykes. Drill hole TT99-04 extended the Sulphide Showing an additional 300 m to the west for a total strike length of 400 m. The mineralization is syngenetic, is hosted within andesite tuffs, contains only trace amounts of base metals and is distal to any vent facies.

Overall the volcanic succession west of Dougherty Lake is a westward grading sequence of calc-alkalic basalts and andesite to dacite flows and tuffs. It is unclear whether the felsic volcanics encountered in drilling are the same or an altogether different felsic pile as on the Cross Lake Minerals property to the north in Sheraton Township. Mapping by the Ontario Geological Survey in Sheraton Township in 1998 indicates that the felsic volcanics are trending to the southeast toward Lipsett Lake away from the Dougherty Lake area. The possibility of a second and separate felsic pile to the west-northwest of Dougherty Lake substantially increases the potential the discovery of a base metal deposit.

Further work on the Timmins property should include:

1) Completion of the IP coverage over the North grid in Timmins Township to cover the indicated strike extension of the felsic volcanics as shown on the map by Vaillancourt, 1999;
2) A re-evaluation of the geophysical data, plus follow up IP or geochemistry (soils) over lines 3W to 26 W on the Doughterty grid and;
3) Drill testing of any anomalies developed from the recommended work mentioned in 1) or 2);

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STATEMENT OF QUALIFICATIONS

I, Andrew A. B. Tims, of 309 – 1214 Riverside Drive, Timmins, Ontario hereby certify that:

1.) I am the author of this report.

2.) I graduated from Carleton University, in Ottawa, with a Bachelor of Science Degree in Geology (1989).

3.) I possess a valid prospector's license and have been practising my profession for the past 10 years and have been actively involved in mineral exploration for the past 12 years.

4.) I am a member of the Canadian Institute of Mining and Metallurgy, Prospectors and Developer Association of Canada and a Fellow of the Geological Association of Canada.

5.) I do not hold or expect to receive any interest in the property described in this report.

6.) I consent to the use of this report by International CanAlaska Resources Ltd.

Timmins, Ontario
April 30, 1999

Andrew Tims
Geologist
Northern Mineral Exploration Services

APPENDIX 1 – Diamond Drill Logs & Legend

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

Date: April 29, 1999

PROPERTY: Timmins
HOLE No.: TT99-01
Collar Eastings: 400.0
Collar Northings: 485.00
Collar Elevation: 100.00
Grid: ICA

Collar Inclination: -45°
Grid Bearing: 180.00
Final Depth: 152.00 metres
Drilled By: NDS Drilling
Claim No: 1193700
Core Storage: Aquarius Mine Site

Logged by: Andrew Tims
Date Started: March 23, 1999
Date Finished: March 24, 1999
Down-hole Survey: Acid
Core Size: NQ

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARIN
62.00	-42.00	180.00
113.00	-41.00	181.00
143.00	-40.00	182.00
152.00	-39.00	182.00

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
16.39	21.68	TUFFACEOUS SEDIMENT(5T) Dark grey in colour, fine grained, poorly sorted, trace mudstone clasts, 1-2% pale pink irregular garnet locally 3-4% medium grained subhedral feldspar averaging 2-3 mm in diameter, weakly fractured throughout with carbonate infilling. 16.90m. 10 cm fine finr grained syenite dyklet. trace pyrite.								
21.68	33.85	MAFIC VOLCANIC TUFF(3T) Dark grey to black in colour, biotite/chlorite rich matrix, 10-15% fine grained lensoid biotitic shards throughout, 3-4% subangular lapilli, weakly fractured with minor irregular centimetre scale quartz veinlets, trace disseminated pyrite, trace pyrite in veinlets, The foliation is at 50 TCA.								
33.85	43.80	MAFIC VOLCANIC TUFF(3T, WK SER, MIN EP) Similar unit as above but moderately fractured with by sericite alteration as millimetre scale alteration haloes about fractures and patches, trace epidote accompanies sericite alteration, locally moderately silicified matrix. trace to 1/2% disseminated pyrite								
43.80	68.0	MAFIC VOLCANIC TUFF(3T, MOD SER & SIL) Moderate-strong patchy and centimetre scale sericite haloes, weak-moderate pervasive silicification of matrixv producing a medium grey near aphanitic texture. 1/2 to 1% disseminsted pyrite throughout, trace red brown spalerite within quartz/carbonate veinlet,	274335	43.80	45.00	1.20	5	138	2	48
			274336	45.00	47.00	2.00	5	83	2	34
			274337	47.00	49.00	2.00	5	70	2	90
			274338	49.00	51.00	2.00	5	105	16	102
			274339	51.00	53.00	2.00	5	116	10	78
			274340	53.00	55.00	2.00	5	64	6	90

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-01**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		trace to 1/2% medium grained bleby pyrite within millimeter scale quartz veinlets.	274341	55.00	57.00	2.00	5	50	2	80
			274342	57.00	59.00	2.00	5	7	2	76
			274343	59.00	61.00	2.00	5	54	2	96
			274344	61.00	63.00	2.00	5	50	2	52
			274345	63.00	65.00	2.00	5	57	2	86
			274346	65.00	67.00	2.00	5	65	2	90
68.0	77.5	MAFIC VOLCANIC TUFF(3T, MOD SER, TR EP) Moderately fractured with by sericite alteration as millimetre scale alteration haloes about fractures and patches, trace epidote accompanies sericite alteration, locally moderately silicified matrix. trace to 1/2% disseminated pyrite	274347	67.00	69.00	2.00	5	57	2	96
			274348	69.00	71.00	2.00	5	55	2	118
			274349	71.00	73.00	2.00	5	67	6	96
			274350	73.00	75.00	2.00	5	64	6	106
			274351	75.00	77.00	2.00	5	56	6	60
77.5	85.09	MAFIC VOLCANIC TUFF(3T) Weak to moderately fractured with by sericite alteration as millimetre scale alteration halos about fractures and patches, trace epidote accompanies sericite alteration, moderately silicified matrix. The foliation is at 65 TCA trace to 1/2% disseminated pyrite	274352	77.00	79.00	2.00	5	46	2	60
85.09	152.0	MAFIC VOLCANIC CRYSTAL TUFF(3XT) Dark green to black in colour, weakly foliated, 15-20% fine grained to medium grained white subhedral to euhedral feldspar phenocrysts, weak millimetre scale sericite banding throughout, locally centimetre scale intervals of moderate sericite alteration with up to 1/2% dissiminated pyrite which masks the original porphyrytic texture. The foliation is at 60 TCA	274353	86.00	88.00	2.00	5	51	4	56
			274354	93.00	95.00	2.00	5	43	2	64
			274355	110.00	112.00	2.00	5	67	2	74
			274356	125.00	127.00	2.00	5	74	10	74
			274357	136.50	138.50	2.00	5	49	6	98
			274358	141.00	143.00	2.00	5	76	2	80
			274359	147.00	149.00	2.00	5	48	4	94
			274360	149.00	151.00	2.00	5	89	2	70
		94.50 95.20 Weakly silicified, moderate sericite, trace to 1/2% pyrite about a vuggy qz-ep-py veinlet	274361	151.00	152.00	1.00	5	46	2	44

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins

HOLE No.: **T99-01**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
	102.50	m. 3x5 cm angular mudstone clast.								
	112.50	m. 1x3 cm angular mudstone clast								
104.00	110.00	Moderately fractured, moderate pervasive sericite, weakly silicified, trace pyrite.								
110.00	117.40	Matrix becomes moderately chloritic with millimetre scale sericte halo's, about quarz carbonate veins at 60° to the core axis, 1/2 to 1% pyrite.								
125.00	126.50	Pale medium grey due to moderate pervasive sericite alteration of the matrtix with ~1/2% pyrite.								
136.50	138.50	Pale medium grey due to moderate sericite/epidote alteration of matrix and about fractures. 1/2-1% disseminated pyrite.								
	138.30	m. A subparallel quartz-carbonate-epidote veinlet with 1/2-1% pyrite in centimetre scale sericite altreation halo.								
140.00	147.00	Brown grey matrix with moderate chlorite alteration with up to 2% disseminated, bleby and stringer pyrite.								
147.00	152.00	Pale medium grey in colour due to medium sericite alteration throughout masking feldspar phenocrysts. Numerous patches of bull white Qtz and millimetre scale Ser halo's. Trace epidote & kspar along quartz vein wallrock contacts. 1/2-1% disseminated pyrite.								

152.00 EOH

HOLE No: T99-01

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

Date: April 29, 1999

PROPERTY: Timmins
HOLE No.: TT99-02
Collar Eastings: 200.0
Collar Northings: 50.00
Collar Elevation: 100.00
Grid: ICA

Collar Inclination: -44°
Grid Bearing: 180.00
Final Depth: 155.00 metres
Drilled By: NDS Drilling
Claim No: 1193700
Core Storage: Aquarius Mine Site

Logged by: Andrew Tims
Date Started: March 24, 1999
Date Finished: March 25, 1999
Down-hole Survey: Acid
Core Size: NQ

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARIN
9.00	-42.00	180.00
55.00	-42.00	181.00
110.00	-41.00	182.00
155.00	-39.00	182.00

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION
6.3	79.24	ANDESITE FLOW(3a, 3b, 3pb) Dark green to grey in colour; fine grained; moderately foliated; groundmass is composed of 80% very fine grained biotite/chlorite, 5-8% fine grained feldspar, 5-8% medium grained lensoid shaped biotite porphyryblasts and 1-5% spherical amygdules filled with quartz and carbonate averaging 3-4 millimetres in size; locally well developed chloritic flow top breccia and pillow breccia trace pyrite; 6.3 10.11 Flow top breccia. 10.46 12.00 Fault zone - brittle - blocky core with hematite stained quartz veinlets 10.11 22.05 Amygduloidal flow. 22.05 23.0 Flow top breccia 37.0 47.5 Fault zone - brittle - strongly fractured, blocky core, tight slip faces, locally bleached to a light grey colour due to weak to moderate pervasie carbonate 37.5 m. a tight slip at 53° to the core axis, 40.5 m. a 1 centimetre fault gouge at 15° to the core axis, 47.0 m. a tight slip at 15° to the core axis, 47.5 56.0 Massive flow with trace amygdules, groundmass grain size varies between fine and very fine, minor millimetre scale quartz veining - 2-3 per m.

SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
274362	28.00	29.00	1.00	5.	45	5	115
274363	39.50	41.50	2.00	10	55.	2	52
274364	47.50	49.50	2.00	5	42	2	28
274365	56.00	58.00	2.00	5	52	2	56

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-02**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		56.0 59.0 Fine grained flow, weakly silicified, with tr-1/2% very fine grained disseminated pyrite - 2-3 millimetre scale quartz veins per metre 66.2 m. a 25 cm strongly chloritic interflow breccia?? with 1/2-1% disseminated pyrite.								
79.24	106.52	ANDESITE TUFF(3t) Mottled grey green in colour, fine grained, moderately foliated with minor centimetre scale feldspar rich bands, weakly chloritic, foliation is 65°to the core axis. Trace pyrite. Unit fines down hole. 79.24 80.5 Centimetre scale quartz+hematite+ epidote veins Possible volcanic bomb??at 95 m. 102.5 m a 10 cm hematitic 8c dyklet with the leading contact at 65° to the core axis, dyklet is cut by a 2 centimetre quartz/carbonate veinlet possessing a 2-3 millimetre wallrock selvage of very fine grained black tourmaline 103.95 m. unit becomes weakly silicified throughout. 104.0 105.52 Moderately fractured with millimetre scale sericite halo's averaging 1/2% very fine grained disseminated pyrite and medium grained pyrite within quartz/carbonate veinlets	274366 274367	103.50 104.50	104.50 106.52	1.00 2.02	5 5	31 67	2 2	78 72
106.52	110.10	FELDSPAR PORPHYRY DYKE(8s, hem) Pale red to mauve, fine grained, massive with 4-5% medium grained feldspar phenocryst, weakly fractured, 1-2% very fine grained to fine grained disseminated pyrite. Leading contact is sharp at 45° to the core axis. Trailing contact is sharp at 75° to the core axis.	274368 274369	106.52 108.50	108.50 110.10	1.98 1.60	5 5	9 13	2 4	40 42

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-02**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn		
110.10	126.48	ANDESITE TUFF(3t, mod sil) Mottled grey green in colour, fine grained, moderately foliated with minor centimetre scale feldspar rich bands, moderate silicification throughout with minor sericite patches and hematite/epidote filled fractures Trace pyrite. 123.30 m. 1.5 centimetre quartz cemented fault at 45° to the core axis	274370	110.10	112.00	1.90	5	40	2	112		
			274371	112.00	114.00	2.00	5	50	2	80		
			274372	114.00	116.00	2.00	5	143	4	78		
			274373	121.00	123.00	2.00	5	101	2	98		
126.48	132.23	DACITE LAPILLI TUFF(4dlt) Mottled light grey to green colour, moderate to strongly foliated, foliation is locally contorted about fractures, Late quartz/chlorite veinlets cutting across the foliation are asymmetrically folded - ptygmatic folding? moderately silicified matrix - hard. trace to 1/2% disseminated pyrite Foliation @ 60° TCA Leading contact is sharp @ 60° TCA Trailing contact is distinct @ 65° TCA	274374	128.00	130.00	2.00	5	42	10	80		
85.09	152.0	DACITE CRYSTAL TUFF(4XT) Dark green to black in colour, weakly foliated, 15-20% fine grained to medium grained white subhedral to euhedral feldspar phenocrysts, weak millimetre scale sericite banding throughout, locally centimetre scale intervals of moderate sericite alteration with up to 1/2% dissiminated pyrite which masks the original porphyrytic texture. The foliation is at 60° TCA 94.50 95.20 Weakly silicified, moderate sericite, trace to 1/2% pyrite about a vuggy qz-ep-py veinlet 102.50 m. 3x5 cm angular mudstone clast. 112.50 m. 1x3 cm angular mudstone clast 104.00 110.00	274375	130.00	132.25	2.25	5	47	36	294		
			274376	132.25	134.00	1.75	5	49	54	240		
			274377	134.00	136.00	2.00	5	36	14	98		
			274378	136.00	138.00	2.00	5	43	2	162		
			274379	146.00	148.00	2.00	5	44	2	106		
			274380	148.00	150.00	2.00	5	102	2	54		

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-02**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		Moderately fractured, moderate pervasive sericite, weakly silicified, trace pyrite.								
110.00	117.40	Matrix becomes moderately chloritic with millimetre scale sericte halo's, about quarz carbonate veins at 60° to the core axis, 1/2 to 1% pyrite.								
125.00	126.50	Pale medium grey due to moderate pervasive sericite alteration of the matrtix with ~1/2% pyrite.								
136.50	138.50	Pale medium grey due to moderate sericite/epidote alteration of matrix and about fractures. 1/2-1% disseminated pyrite.								
138.30		m. A subparallel quartz-carbonate-epidote veinlet with 1/2-1% pyrite in centimetre scale sericite altreation halo.								
140.00	147.00	Brown grey matrix with moderate chlorite alteration with up to 2% disseminated, bleby and stringer pyrite.								
147.00	152.00	Pale medium grey in colour due to medium sericite alteration throughout masking feldspar phenocrysts. Numerous patches of bull white Qtz and millimetre scale Ser halo's. Trace epidote & kspar along quartz vein wallrock contacts. 1/2-1% disseminated pyrite.								
152.00 EOH										

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

Date: April 29, 1999

PROPERTY: Timmins
HOLE No.: TT99-03
Collar Eastings: 700.0
Collar Northings: -250.00
Collar Elevation: 100.00
Grid: ICA

Collar Inclination: -45°
Grid Bearing: 180.00
Final Depth: 147.00 metres
Drilled By: NDS Drilling
Claim No: 1193700
Core Storage: Aquarius Mine Site

Logged by: Andrew Tims
Date Started: March 26, 1999
Date Finished: March 27, 1999
Down-hole Survey: Acid
Core Size: NQ

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARIN
17.00	-45.00	180.00
68.00	-42.50	181.00
118.00	-41.00	182.00
147.00	-41.00	182.00

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
16.50	34.29	DACITE TUFF(4d) Medium to dark grey, fine grained matrix, moderately foliated at 65 to the core axis, 10-15% medium grained subhedral to euhedral feldspar averaging 1-3 millimetres producing a porphyrytic appearance - may be secondary? Moderately banded in appearance due to millimetre scale sericite+/- epidote alteration about fractures and quartz veins. Weak to moderately fractured, Trace pyrite 22.5m A 10 centimetre wide 8fp dyklet. 28.75 - 30.04 Blocky core, very fine grained diabase, moderate carbonate along fractures. 30.50 - 31.2 Pale olive green very fine grained dyklet. 32.45 - 34.29 Trace sphalerite within fractures, subrounded quartz clast with spaherite within groundmass at 34.22 metres.	274381 274382	31.00 33.00	33.00 34.29	2.00 1.29	5 5	49 35	2 2	46 68
34.29	37.39	FELDSPAR PORPHYRY DYKLET(8fp) Fine grained to medium grained, pale red due hematite staining of groundmass, trace amounts of black angular volcanic zenoliths, trace to 1/2% fine grained pyrite throughout. Leading contact is sharp at 80 to the core axis. Trailing contact is sharp at 85 to the core axis.	274383	34.29	36.59	2.30	5	12	2	48
37.39	64.23	DACITE TUFF(4d) Medium to dark grey, fine grained matrix, moderately	274384	36.59	38.00	1.41	5	N.A.	NIL	N.A.

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		foliated at 65 to the core axis, 10-15% medium grained subhedral to euhedral feldspar averaging 1-3 millimetres producing a porphyrytic appearance - may be secondary? Moderately banded in appearance due to millimetre scale sericite+/- epidote alteration about fractures and quartz veins. Weak to moderately fractured, Trace pyrite. 49.30 - 60.50 Feldspar content locally reaches 25% and coarsens to medium grained subhedral to euhedral crystals with some exhibiting zoning, minor epidote and hematite along boudinaged quartz veinlets. 60.50 - 61.95 Fine grained, biotite and feldspar rich groundmass, weakly foliated, minor quartz veins - Dyke? - non magnetic								
43.80	68.0	DACITE TUFF(4d) Medium to dark grey, fine grained matrix, moderately foliated at 65 to the core axis, 4-5% medium grained subhedral to euhedral feldspar averaging 1-3 millimetres producing a porphyrytic appearance - may be secondary? Moderately banded in appearance due to millimetre scale sericite+/- epidote alteration about fractures and quartz veins. Weak to moderately fractured, Trace pyrite 74.75 - 79.75 Fine grained version of tuff unit with well defined leading and trailing contacts.								

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-03**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		86.80 - 91.22 Moderate to strong sericite alteration as centimetre scale bands and along fractures, minor epidote and hematite about quartz veinlets, trace disseminated pyrite.								
91.22	94.22	FELDSPAR PORPHYRY DYKLET(8fp) Fine grained to medium grained, pale red due hematite staining of groundmass, trace amounts of black angular volcanic zenoliths, trace to 1/2% fine grained pyrite throughout.	274385	85.00	86.65	1.65	5	N.A.	N.A.	N.A.
			274386	86.65	89.00	2.35	5	N.A.	N.A.	N.A.
			274387	89.00	91.22	2.22	5	N.A.	N.A.	N.A.
			274388	91.22	92.70	1.48	5	N.A.	N.A.	N.A.
			274389	92.70	94.22	1.52	5	N.A.	N.A.	N.A.
94.22	111.84	DACITE TUFF(4d) Medium to dark grey, fine grained matrix, moderately foliated at 65 to the core axis, 4-5% medium grained subhedral to euhedral feldspar averaging 1-3 millimetres producing a porphyrytic appearance - may be secondary? Moderately banded in appearance due to millimetre scale sericite +/- epidote alteration about fractures and quartz veins. Weak to moderately fractured, Trace pyrite 94.22 - 97.00 Silicified with weak pervasive hematite/epidote alteration. 97.0 - 100.65 Silicified, blocky core with a well developed breccia texture. 103.16 - 104.03 Aphanitic, mat green mafic dyklet with carbonate filled fractures. 104.03 - 111.0 FAULT ZONE - blocky core, moderately fractured, unit exhibiting a brecciated texture throughout with	274390	94.22	96.22	2.00	5	N.A.	N.A.	N.A.
			274391	106.20	108.00	1.80	5	N.A.	N.A.	N.A.

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-03**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		irregular quartz veins and moderate to strong sericite/epidote/hematite alteration. A tight slip face at 40 to the core axis. 111.00 - 111.84 Pale red 8fp with 1-2 centimetre mafic zenoths. Leading and trailing contacts are sharp at 80 and 75 respectivley.								
111.84	120.50	DACITE LAPILLI TUFF(4dlt) Dark green to black, fine-grained matrix with 10-15% lapilli, lapilli consists of angular very fine-grained sericitized and silicified felsic volcanic fragments, minor hematite. Some fragments may be pseudoclasts due to selective alteration about fracture/quartz veins. Trace quartz lapilli, typically rotated and exhibiting pressure shadows. Trailing contact is sharp with lower tuff unit at 85 to the core axis. 112.0 - 113.5 Matrix contains 10-15% euhedral feldspar crystals in centimetre scale banding - Crystal Tuff?? OR a product of thermal metamorphism????? due to the close proximity of the 8fp dyke								
120.50	147.0	DACITE TUFF(3t) Medium to dark grey, fine grained matrix, trace felsic lapilli, moderately foliated at 65 to the core axis, 1-2% medium grained subhedral to euhedral feldspar averaging 1-3 millimetres throughout. Moderately banded in appearance due to millimetre scale sericite+/- epidote alteration about fractures and quartz veins.	274392 274393	126.00 128.00	128.00 130.00	2.00 2.00	5 5	N.A. N.A.	N.A. N.A.	N.A. N.A.

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-03**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		Weak to moderately fractured, Trace pyrite 136.0 - 137.27 A fine grained, grey to pale red 8fp. Hematite staining about fractures, 1-2% medium grained feldspar phenocrysts exhibiting hematite rims Trace mafic volcanic zenoliths Leading contact at 80 to the core axis Trailing contact at 75 to the core axis. 138.20 - 139.65 A fine grained, grey to pale red 8fp. Initial 30 centimetres is strongly fractured and chlotitic. Trace mafic volcanic zenoliths Leading contact is faulted at 40 to the core axis Trailing contact is sharp at 75 to the core axis.								
147.00. EOH										

HOLE No: T99-03

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

Date: April 29, 1999

PROPERTY: Timmins
HOLE No.: TT99-04
Collar Eastings: -200.00
Collar Northings: 495.00
Collar Elevation: 100.00
Grid: ICA

Collar Inclination: -43°
Grid Bearing: 180.00
Final Depth: 170.00 metres
Drilled By: NDS Drilling
Claim No: 1193700
Core Storage: Aquarius Mine Site

Logged by: Andrew Tims
Date Started: March 27, 1999
Date Finished: March 28, 1999
Down-hole Survey: Acid
Core Size: NQ

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARIN
11.00	-42.50	180.00
62.00	-39.00	181.00
112.00	-38.00	182.00
170.00	-36.00	182.00

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION
6.25	9.54	FELDSPAR PORPHYRY DYKE(8fp) Medium grained, medium grey to pale red in colour due hematite staining of groundmass, 2-3% medium to coarse-grained feldspar phenocrysts averaging 3 millimetres in diameter, trace black angular volcanic zenoliths, Trace to 1/2% fine-grained pyrite throughout. Trailing contact is sharp at 50° to the core axis.
9.54	53.90	CALC-ALKALINE BASALTIC TUFF(3t) Dark grey to green, fine grained, moderately fractured, Moderately foliated, 1-2% light grey subangular lapilli/blocks. Numerous (3-4/m) irregular carbonate/epidote bands and stringers cut the unit about fractures and quartz/carbonate veinlets. Trace Pyrite. Foliation is 50° to the core axis. 9.54 - 21.50 Weakly silicified due to close proximity to 8fp, Moderate to strongly fractured, blocky core and vuggy fracture surfaces. 36.50 - 39.5 2-3% folded and boudinaged felsic dyklets. The majority of dyklets are beige, quartz phyric and strongly sericitized. Dyklet content increases down hole.

SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
274394	7.00	9.00	2.00	5	10	2	48
274395	22.00	24.00	2.00	5	26	2	88
274396	34.00	36.00	2.00	5	21	616	78

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-04**

FROM (meters)	TO (meters)	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		Minor hematite occurs along carbonate veinlets and fractures. 44.40 - 47.40 Interval of fine grained tuff with few lapilli.								
53.90	92.00	MAFIC VOLCANIC LAPILLI TUFF/TUFF BRECCIA(3lt/3tb) Dark grey to green, fine grained, moderately fractured, Moderately foliated, 15-20% beige to dirty white subangular felsic dyklets. The tuff matrix can be seen wrapping around the weakly fractured dyklets with carbonate infilling the fractures and pressure shadows. Trace pyrite. 62.82 - 70.80 Similar tuff unit but with only 1-2% dyke material, Possible tuffaceous sedimentary interval due to development of medium grained irregular, wispy aluminosilicate clots in the matrix. 70.80 -78.0 Similar tuff unit as 53.90 metres. 78.00 - 85.75 Similar tuff unit but with only 1-2% dyklets Possible tuffaceous sedimentary interval due to development of medium grained irregular, wispy aluminosilicate clots in the matrix. 85.75 - 92.00 Similar tuff unit as 53.90 metres cut by 10 and 25 centimetre wide diabase dyklets at 87.5 and 89.0 metres respectively	274397 274398 274399	53.00 68.00 81.00	55.00 70.00 83.00	2.00 2.00 2.00	5 5 5	29 23 22	2 2 2	74 48 60
92.0	133.0	MAFIC VOLCANIC TUFF(3t/3lt/3tb) Similar tuff unit at 9.54 metres but with only 2-3% of the unit composed of felsic dyklets Minor bleaching of matrix - albite??,	274400 274401 274402	112.00 126.00 131.00	114.00 128.00 133.00	2.00 2.00 2.00	5 5 5	29 20 25	2 6 2	64 74 60

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-04**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		Trace pyrite								
		95.40 - 97.00								
		Blocky core								
		102.80m Qz/cb/hm filled fractures								
		124.20 - 133.00								
		Irregular centimetre scale patches of albite alteration								
		of the matrix increasing the hardness of the unit.								
		Centimeter scale lapilli tuff and tuff breccia interbeds								
		are preferentially altered.								
		Minor millimetre scale quartz veinlets with pyrite.								
		The matrix locally assumes a deep dark red colour possibly								
		due to hematite.								
		Trace to 1/2% disseminated pyrite.								
133.00	144.22	MAFIC LAPILLI TUFF/TUFF BRECCIA(3lt/3tb)	274403	133.00	135.00	2.00	5	33	2	74
		Mottled light grey to dark grey, chaotic brecciated	274404	135.00	136.00	1.00	5	24	2	60
		texture as defined by moderate to intense albite	274405	136.00	137.40	1.40	5	33	2	38
		and sericite alteration about fractures lapilli.	274406	137.40	138.12	0.72	5	27	2	80
		Nominally 3-4% lapilli in a moderately albitized matrix.	274407	138.12	139.00	0.88	5	159	2	108
		1-2% fracture controlled pyrite.	274408	139.00	141.00	2.00	5	25	2	174
		137.40 - 138.12	274409	141.00	143.00	2.00	5	20	5	76
		Very fine grained weakly fractured tuffaceous sediment	274410	143.00	144.22	1.22	5	28	2	118
		with well developed aluminosilicate clots.								
		138.12 - 139.10								
		Composition dominated by albite and silica masking								
		any original texture.								
		Interval contains 15-20% semi-massive to disseminated								
		pyrite, locally pyrite is well banded - original??								
		Trace carbonate along fractures.								
		139.10 - 144.22								
		Fine grained, dark grey with 1-2% angular lapilli,								
		weakly fractured with quartz/carbonate/pyrite.								
		Hard, weakly albitized, with centimetre scale intervals								

NORTHERN MINERAL EXPLORATION SERVICES

DIAMOND DRILL LOG

PROPERTY: Timmins
HOLE No.: **T99-04**

FROM (meters)	TO	LITHOLOGICAL DESCRIPTION	SAMPLE	FROM	TO	WIDTH (meters)	Au	Cu	Pb	Zn
		of intense albite alterationin last 50 centimetres of the interval Trace to 1/2% pyrite overall.								
144.22	164.44	MASSIVE ANDESITE FLOW(3m) Fine grained, weakly fractured, dark grey to green groundmass with trace euhedral feldspar 1-2 mm in diametre, weak pervasive albite alteration throughout, 1-2% spherical quartz filled amygdules. Trace lapilli size fragments within first 4 metres of unit. Trace pyrite 161.0 - 161.6 Vuggy Qz/Cb veinlet sub-parallel to core axis with 1-2% pyrite	274411	144.22	146.00	1.78	5	2	10	118
			274412	146.00	148.00	2.00	5	14	2	54
			274413	160.00	162.00	2.00	5	17	2	60
			274414	162.00	163.00	1.00	5	45	2	105
164.44	170.0	ANDESITIC TUFF(3t) Dark grey-green fine-grained matrix composed of biotite, chlorite and very fine grained feldspar. 1-2% lapilli, Leading contact is distinct within a 20 centimetre interval of moderate pervasive albite alteration.								
170.00.	EOH									

HOLE No: T99-04

NAM (Rock Name)

OVB	Overburden	CAS	Casing
L/C or LC	Lost Core	MC	Missing Core

1 KOMATIITIC VOLCANICS

1	Unsubdivided
1s	Serpentinized, massive, polysutured, peridotitic komatiite
1ox	Olivine-spinifex textured peridotitic komatiitic flows
1px	Pyroxene-spinifex textured basaltic komatiitic flows
1mb	Massive basaltic komatiite
1m	Massive
1p	Pillowed
1cb	Carbonatized peridotitic komatiite or carbonate rock
1t	Talcose
1b	Basaltic komatiite
1bcb	Carbonatized basaltic komatiite
1tcb	Talc carbonated komatiite
1fu	Fuchsitic carbonate rock

2 THOLEIITIC VOLCANICS

2	Unsubdivided
2m	Massive
2p	Pillowed
2a	Amygdaloidal
2apl	Amygdaloidal pillow lava
2v	Variolitic
2t	Tuff, lapilli-tuff
2b	Breccia
2cb	Carbonatized
2pb	Pillow Breccia
2h	Hyaloclastite
2ag	Agglomerate
2am	Amphibolitized
2scf	Spherulitic, chicken-feed
2sch	Schistose
2sh	Shear
2F	Dominantly Fe-tholeiite
2M	Dominantly Mg-tholeiite
2AL	Dominantly AL-tholeiite
2I	Dominantly Icelandite

3 CALC-ALKALIC MAFIC VOLCANICS (MAFIC-INTERMEDIATE VOLCANICS)

3	Unsubdivided
3a	Andesite
3m	Massive
3p	Pillowed
3t, 3lt	Tuff, lapilli-tuff
3b	Breccia
3cb	Carbonatized
3am	Amphibolitized
3pb	Pillow brx
3sh	Shear

4 INTERMEDIATE-FELSIC VOLCANICS

4d	Dacite
4rd	Rhyodacite flows
4dt	Dacite tuffs
4dp	Dacite pyroclastics
4da	Agglomerate-breccia, conglomerate
4dlt	Dacite lapilli tuff
4dm	Dacite massive flow
4p	Intermediate-felsic pyroclastics
4r	Rhyolite-undifferentiated
4sch	Intermediate-felsic schist
4sh	Shear
4rm	Massive rhyolite
4rt	Rhyolite tuff
4rlt	Rhyolite lapilli tuff
4ra	Rhyolite agglomerate
qp	(quartz-eye porphyritic)
pp	(plagioclase-porphyritic)
4phyl	Phyllite

P	denotes Primitive
E	denotes Evolved

5 SEDIMENTS

5	Unsubdivided
5a	Argillite
5c	Conglomerate
5g	Greywacke
5sl	Slate
5p	Porphyritic, qp (quartz-eye porphyritic), pp (plagioclase-porphyritic)
5d	Debris flow
5q	Quartzite
5qw	Quartz wacke
5gr	Graphite
5ch	Chert
5ag	Agglomerate
5t	Tuffaceous-sediment
5s	Siltstone
5ss	Sandstone
5sch	Schist
5sh	Shear
5ex	Exhalite
5tqp	Quartz porphyritic tuff
5phyl	Phyllite
GFZ	Graphitic Fault Zone

K	denotes Keewatin
T	denotes Timiskaming

6 ULTRAMAFIC INTRUSIVE ROCKS

6	Unsubdivided
6s	Serpentinized diorite-peridotite
6ph	Pyroxene-hornblende
6c	Carbonatized
6tm	Talc-magnesite

7 MAFIC INTRUSIVE ROCKS

7	Unsubdivided
7a	Anorthosite
7d	Diorite
7g	Gabbro
7qg	Quartz gabbro
7pg	Pegmatoidal gabbro
7l	Lamprophyre
7ib	Intrusive breccia
7n	Nipissing Diabase-type sills

TC - trade-
GC - ground core

8 FELSIC INTRUSIVE ROCKS

8	Unsubdivided
8qp	Quartz porphyry
8fp	Feldspar porphyry
8qfp	Quartz feldspar porphyry
8f	Felsite, p (porphyritic), qp (quartz-eye porphyritic), pp (plagioclase-porphyritic)
8hbt	Hornblende-biotite trondhjemite
8pm	Porphyritic monzonite
8gd	Granodiorite
8pg	Porphyritic granodiorite
8lg	Leucocratic granodiorite
8hd	Hornblende diorite
8qd	Quartz diorite
8p	Porphyry
8a	Aplite
8s	Syenite
8g	Granite or quartz-rich syenite
8t	Trachyte

9 MATACHEWAN DIABASE

10 HURONIAN SEDIMENTS

10a	Arkose
10w	Wacke
10arg	Argillite
10c	Conglomerate

11 QUARTZ DIABASE

12 OLIVINE DIABASE

13 IRON FORMATION

IFo	Oxide
IFs	Sulphide (py-po)
IFc	Carbonate
IFj	Jasper
BIF	Banded iron formation
IFchl	Chlorite-rich
IFgr	Graphitic

These abbreviations are used after a lithology name, if desired ("Nam" column must be limited to 5 characters). Allows alteration to be shown with name when drill hole is plotted.

3m,s	Would denote a massive calc-alkalic mafic volcanic which is sericitized
chl	Chloritic
chty	Cherty
s or ser*	Sericitic
sil	Silicified
ank	Ankerite
cc	Calcite
c	Carbon
cb	Carbonate
h	Hematite
alb	Albitized
fu	Fuchsitic
mt	Magnetite
sh	Sheared
tcb	Talc carbonate schist
tcs	Talc chlorite schist
gr	Graphitic
arg	Argillaceous
sch	Schist
gt	Garnet
oxd	Oxidized
bl	Bleached
epd	Epidote
serp	Serpentinized

* where computer space permits, use ser

Note: In addition to the percentage of quartz veins being indicated, one should indicate in the Comments column whether the veining is tensional (i.e. cutting foliation) or of the strike variety (i.e. parallel to foliation) or both. For example "10% qtz (t)" or "15% qtz (t + s)".

SULPHIDES

DS	Disseminated sulphides
SS	Stringer sulphides
MS	Massive sulphides
SMS	Semi-massive sulphides

OXIDES

Mt	Magnetite (80-100%)
QAV	Quartz ankerite veining

NAM2

This column has been added to accommodate future changes in geology names.

FORM

A formation column has been added to accommodate extensive geological naming practices. FORM will be used to plot geology, and must be limited to a maximum of eight names or numbers (for the 8 plotter pens).

STRUCTURE

B/S	S	Schistosity	C	Contact
	F	Foliation	V	Vein (primary if more than one occurs)
	B	Bedding		

J/F	J	Joint Plane
	V	Vein (secondary if more than one occurs)
	F	Fault Plane/Fracture

A1/A2

Measurement of above with respect to core axis (C.A.)

MINERALS

GANGUE

ACT	Actinolite	GAR	Garnet
ANH	Anhydrite	HBL	Hornblende
ANK	Ankerite	LEU	Leucoxene
BIO	Biotite	MUS	Muscovite
CC	Calcite	PYR	Pyroxene
CAR	Carbonate	QC	Qtz Carbonate
CHL	Chlorite	QTZ	Quartz
DOL	Dolomite	SER	Sericite
EPD	Epidote	SPR	Serpentine
FSP	Feldspar	TOU	Tourmaline
FUC	Fuchsite		

METALLIC

ASP	Arsenopyrite	PO	Pyrrhotite
CPY	Chalcopyrite	PY	Pyrite
GN/GA	Galena	SID	Siderite
GRA	Graphite	SPH	Sphalerite
HEM	Hematite	STB	Stibnite
		VG	Visible Gold

MINERAL %

0.01	Trace
0.05	Minor Occurrence
2.0	2%

SPL

Sample number

WDTH (Width)

T (Sample Type)

C	Core
G	Grab
H	Chip
L	Channel
S	Sludge

COMMENTS

Standard abbreviations should be used where possible so that anyone can refer to this "dictionary" and clearly read the logs. If abbreviations are being used that are not included on this list, please add them.

ANH	Anhedral
BLB	Blebs
BL-QTZ	Blue Quartz
CA	Core Axis
CV	Carbonate Vein
DEFMD	Deformed
DIS	Disseminated
EUH	Euhedral
EXT	Extensive
FOL	Foliation
FUCH	Fuchsite
GRND	Ground (core)
>	Greater Than
IC	In Contact
IVC	In Vein Contact
IRR	Irregular
<	Less Than
MAG	Magnetic
MNR	Minor
MOD	Moderate(ly)
NOD	Nodules
OCC	Occasional
OC	Out Contact
OVC	Out Vein Contact
PLL	Parallel
QCV	Qtz-Carb Vein
QV	Quartz Vein
RXN	Reaction
STR	Strong
STK	Stockwork
STG	Stringer
SUB	Subhedral
TR	Trace
TW	True Width
VNS/VN/V	Veins
VLETS	Veinlets
W	With
WO	Without
WK(LY)	Weak(ly)

ASSAY

Suggested usage for assay columns

AU1	PPB
AU2	Fire Assay (use FA1 column if available)
ASSAY3, etc	To be used if there is a need to show a relationship with gold, otherwise geochemical analysis is available on other systems

APPENDIX 2 – Gold Assay and ICP Analysis Certificates
&
Trace Element Discrimination Plots

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
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Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-A
Total Pages : 1
Certificate Date: 06-APR-1999
Invoice No. : 19914575
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914575

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
274335	205	226	< 5	< 0.2	1.82	< 2	30	< 0.5	< 2	1.61	< 0.5	21	161	138	2.73	< 10	< 1	0.08	30	1.38	380
274336	205	294	< 5	< 0.2	1.88	2	10	< 0.5	< 2	0.82	< 0.5	16	99	83	2.78	< 10	< 1	0.11	10	1.09	430
274337	205	294	< 5	< 0.2	1.49	6	30	< 0.5	< 2	0.58	< 0.5	20	62	70	3.22	< 10	< 1	0.17	10	0.85	315
274338	205	294	< 5	0.4	1.67	12	10	< 0.5	< 2	1.41	< 0.5	28	64	105	3.26	< 10	< 1	0.12	10	1.27	390
274339	205	294	< 5	0.2	2.20	8	< 10	< 0.5	< 2	1.97	< 0.5	20	68	116	2.39	< 10	< 1	0.06	10	1.11	400
274340	205	294	< 5	< 0.2	2.66	< 2	20	< 0.5	< 2	1.47	< 0.5	29	77	64	3.65	10	< 1	0.14	10	1.79	490
274341	205	294	< 5	< 0.2	1.70	4	30	< 0.5	< 2	1.11	< 0.5	22	85	50	2.40	< 10	< 1	0.24	10	1.27	330
274342	205	294	< 5	< 0.2	1.92	14	50	< 0.5	< 2	1.27	< 0.5	27	89	71	2.48	< 10	< 1	0.27	10	1.20	310
274343	205	294	< 5	< 0.2	1.90	2	30	< 0.5	< 2	1.07	< 0.5	28	81	54	2.88	< 10	< 1	0.16	10	1.39	365
274344	205	294	< 5	< 0.2	1.62	4	30	< 0.5	< 2	1.32	< 0.5	29	82	50	2.31	< 10	1	0.20	< 10	0.82	235
274345	205	294	< 5	< 0.2	1.34	2	70	< 0.5	< 2	0.97	< 0.5	26	85	57	2.21	< 10	< 1	0.32	< 10	0.82	240
274346	205	294	< 5	< 0.2	1.53	8	100	< 0.5	< 2	0.75	< 0.5	27	94	65	2.39	< 10	< 1	0.44	10	1.10	270
274347	205	294	< 5	< 0.2	1.39	2	60	< 0.5	< 2	0.80	< 0.5	24	74	57	1.94	< 10	< 1	0.27	10	1.02	265
274348	205	294	< 5	< 0.2	1.59	12	50	< 0.5	< 2	1.36	< 0.5	21	78	55	1.83	< 10	< 1	0.26	10	1.10	275
274349	205	226	< 5	< 0.2	1.83	< 2	20	< 0.5	< 2	1.68	< 0.5	24	67	67	2.28	< 10	< 1	0.13	10	1.21	370
274350	205	294	< 5	< 0.2	1.85	10	30	< 0.5	< 2	1.77	< 0.5	24	71	64	2.42	< 10	< 1	0.17	10	1.22	360
274351	205	294	< 5	< 0.2	1.25	2	40	< 0.5	< 2	1.01	< 0.5	27	76	56	2.03	< 10	< 1	0.16	10	0.87	215
274352	205	294	< 5	< 0.2	1.31	< 2	100	< 0.5	< 2	0.72	< 0.5	20	80	46	1.78	< 10	< 1	0.45	10	0.93	230
274353	205	294	< 5	< 0.2	1.34	2	50	< 0.5	< 2	0.85	< 0.5	18	60	51	1.88	< 10	< 1	0.22	10	0.95	255
274354	205	294	< 5	< 0.2	1.53	6	40	< 0.5	< 2	1.38	< 0.5	19	67	43	2.26	< 10	< 1	0.24	10	1.02	385
274355	205	294	< 5	< 0.2	1.82	< 2	90	< 0.5	< 2	1.25	< 0.5	24	74	67	3.32	< 10	< 1	0.49	< 10	1.03	590
274356	205	294	< 5	< 0.2	1.91	6	40	< 0.5	< 2	2.05	< 0.5	26	73	74	3.46	< 10	< 1	0.15	10	1.11	650
274357	205	294	< 5	< 0.2	1.63	6	30	< 0.5	< 2	1.31	< 0.5	27	79	49	2.71	< 10	1	0.13	10	0.85	475
274358	205	294	< 5	< 0.2	1.80	< 2	140	< 0.5	< 2	0.79	< 0.5	30	76	76	3.74	< 10	< 1	0.65	10	1.01	610
274359	205	294	< 5	< 0.2	1.93	< 2	40	< 0.5	< 2	1.26	< 0.5	23	74	48	2.92	< 10	< 1	0.17	10	1.12	440
274360	205	294	< 5	< 0.2	2.30	< 2	10	< 0.5	< 2	1.11	< 0.5	20	88	89	3.74	< 10	1	0.06	10	1.57	560
274361	205	226	< 5	< 0.2	2.01	2	20	< 0.5	< 2	1.09	< 0.5	17	89	46	3.06	< 10	< 1	0.08	10	1.39	480

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: INTERNATIONAL CANALASKA RESOURCES LTD.

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Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-A
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Certificate Date: 08-APR-1999
Invoice No. : I9914744
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914744

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
274362	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274363	205	294	10	< 0.2	1.74	< 2	120	< 0.5	< 2	0.87	< 0.5	21	120	55	3.02	< 10	< 1	0.48	< 10	1.06	505
274364	205	294	< 5	< 0.2	1.60	4	80	< 0.5	< 2	0.94	< 0.5	15	139	42	1.51	< 10	< 1	0.24	10	1.13	140
274365	205	294	< 5	< 0.2	2.31	6	250	< 0.5	< 2	0.96	< 0.5	23	207	52	3.10	< 10	< 1	0.62	10	1.62	305
274366	205	294	< 5	< 0.2	2.30	< 2	30	< 0.5	< 2	2.16	< 0.5	21	199	31	3.05	< 10	< 1	0.21	10	2.25	530
274367	205	294	< 5	< 0.2	2.02	2	40	< 0.5	< 2	2.58	< 0.5	22	197	67	2.79	< 10	< 1	0.22	10	1.57	545
274368	205	294	< 5	< 0.2	1.11	< 2	100	< 0.5	< 2	1.28	< 0.5	7	52	9	1.81	< 10	< 1	0.15	60	0.87	205
274369	205	294	< 5	< 0.2	1.14	< 2	130	< 0.5	< 2	1.46	< 0.5	7	55	13	1.78	< 10	< 1	0.21	70	0.85	210
274370	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274371	205	294	< 5	< 0.2	2.23	< 2	70	< 0.5	< 2	0.75	< 0.5	27	208	50	2.90	< 10	< 1	0.34	10	2.29	355
274372	205	294	< 5	< 0.2	2.45	2	50	< 0.5	< 2	1.00	< 0.5	24	195	143	2.83	< 10	< 1	0.25	10	2.19	345
274373	205	294	< 5	< 0.2	3.15	2	10	< 0.5	< 2	1.53	< 0.5	33	276	101	4.41	10	< 1	0.06	50	3.77	610
274374	205	294	< 5	< 0.2	1.49	4	40	< 0.5	< 2	0.81	< 0.5	86	152	42	2.55	< 10	< 1	0.16	20	0.90	300
274375	205	294	< 5	0.2	1.33	< 2	60	< 0.5	< 2	0.77	< 0.5	86	155	47	2.05	< 10	< 1	0.34	20	0.67	260
274376	205	294	< 5	0.2	1.15	2	50	< 0.5	< 2	0.66	0.5	32	120	49	1.88	< 10	< 1	0.28	20	0.59	260
274377	205	294	< 5	1.0	1.07	4	80	< 0.5	16	0.57	< 0.5	31	131	36	1.61	< 10	< 1	0.45	20	0.55	210
274378	205	294	< 5	< 0.2	1.16	< 2	50	< 0.5	< 2	0.71	< 0.5	41	117	43	1.68	< 10	< 1	0.28	20	0.67	240
274379	205	294	< 5	< 0.2	1.14	2	60	< 0.5	< 2	0.86	< 0.5	29	85	44	2.00	< 10	< 1	0.25	10	0.41	285
274380	205	294	< 5	< 0.2	1.07	< 2	40	< 0.5	< 2	1.05	< 0.5	21	95	102	1.30	< 10	< 1	0.17	10	0.36	185
274381	205	294	< 5	< 0.2	1.54	2	60	< 0.5	< 2	1.24	< 0.5	11	63	49	2.03	< 10	< 1	0.24	10	0.48	270
274382	205	294	< 5	< 0.2	1.98	4	50	< 0.5	< 2	0.81	< 0.5	13	70	35	3.01	< 10	< 1	0.21	20	1.20	350
274383	205	294	< 5	< 0.2	1.25	2	50	< 0.5	< 2	0.69	< 0.5	7	57	12	2.01	< 10	< 1	0.12	50	1.02	240
274384	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274385	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274386	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274387	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274388	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274389	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274390	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274391	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274392	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274393	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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274362	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274363	205	294	10	< 0.2	1.74	< 2	120	< 0.5	< 2	0.87	< 0.5	21	120	55	3.02	< 10	< 1	0.48	< 10	1.06	505
274364	205	294	< 5	< 0.2	1.60	4	80	< 0.5	< 2	0.94	< 0.5	15	139	42	1.51	< 10	< 1	0.24	10	1.13	140
274365	205	294	< 5	< 0.2	2.31	6	250	< 0.5	< 2	0.96	< 0.5	23	207	52	3.10	< 10	< 1	0.62	10	1.62	305
274366	205	294	< 5	< 0.2	2.30	< 2	30	< 0.5	< 2	2.16	< 0.5	21	199	31	3.05	< 10	< 1	0.21	10	2.25	530
274367	205	294	< 5	< 0.2	2.02	2	40	< 0.5	< 2	2.58	< 0.5	22	197	67	2.79	< 10	< 1	0.22	10	1.57	545
274368	205	294	< 5	< 0.2	1.11	< 2	100	< 0.5	< 2	1.28	< 0.5	7	52	9	1.81	< 10	< 1	0.15	60	0.87	205
274369	205	294	< 5	< 0.2	1.14	< 2	130	< 0.5	< 2	1.46	< 0.5	7	55	13	1.78	< 10	< 1	0.21	70	0.85	210
274370	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274371	205	294	< 5	< 0.2	2.23	< 2	70	< 0.5	< 2	0.75	< 0.5	27	208	50	2.90	< 10	< 1	0.34	10	2.29	355
274372	205	294	< 5	< 0.2	2.45	2	50	< 0.5	< 2	1.00	< 0.5	24	195	143	2.83	< 10	< 1	0.25	10	2.19	345
274373	205	294	< 5	< 0.2	3.15	2	10	< 0.5	< 2	1.53	< 0.5	33	276	101	4.41	10	< 1	0.06	50	3.77	610
274374	205	294	< 5	< 0.2	1.49	4	40	< 0.5	< 2	0.81	< 0.5	86	152	42	2.55	< 10	< 1	0.16	20	0.90	300
274375	205	294	< 5	0.2	1.33	< 2	60	< 0.5	< 2	0.77	< 0.5	86	155	47	2.05	< 10	< 1	0.34	20	0.67	260
274376	205	294	< 5	0.2	1.15	2	50	< 0.5	< 2	0.66	0.5	32	120	49	1.88	< 10	< 1	0.28	20	0.59	260
274377	205	294	< 5	1.0	1.07	4	80	< 0.5	16	0.57	< 0.5	31	131	36	1.61	< 10	< 1	0.45	20	0.55	210
274378	205	294	< 5	< 0.2	1.16	< 2	50	< 0.5	< 2	0.71	< 0.5	41	117	43	1.68	< 10	< 1	0.28	20	0.67	240
274379	205	294	< 5	< 0.2	1.14	2	60	< 0.5	< 2	0.86	< 0.5	29	85	44	2.00	< 10	< 1	0.25	10	0.41	285
274380	205	294	< 5	< 0.2	1.07	< 2	40	< 0.5	< 2	1.05	< 0.5	21	95	102	1.30	< 10	< 1	0.17	10	0.36	185
274381	205	294	< 5	< 0.2	1.54	2	60	< 0.5	< 2	1.24	< 0.5	11	63	49	2.03	< 10	< 1	0.24	10	0.48	270
274382	205	294	< 5	< 0.2	1.98	4	50	< 0.5	< 2	0.81	< 0.5	13	70	35	3.01	< 10	< 1	0.21	20	1.20	350
274383	205	294	< 5	< 0.2	1.25	2	50	< 0.5	< 2	0.69	< 0.5	7	57	12	2.01	< 10	< 1	0.12	50	1.02	240
274384	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274385	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274386	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274387	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274388	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274389	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274390	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274391	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274392	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274393	205	294	< 5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-B
Total Pages : 1
Certificate Date: 08-APR-1999
Invoice No. : I9914744
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914744

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
274362	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274363	205	294	< 1	0.06	80	570	2	4	7	49	0.22	< 10	< 10	67	< 10	52
274364	205	294	< 1	0.10	90	660	2	2	3	24	0.13	< 10	< 10	35	< 10	28
274365	205	294	1	0.09	124	740	2	< 2	6	33	0.20	< 10	< 10	59	< 10	56
274366	205	294	2	0.07	122	660	< 2	2	4	81	0.25	< 10	< 10	62	< 10	78
274367	205	294	9	0.09	127	620	2	< 2	5	127	0.24	< 10	< 10	61	< 10	72
274368	205	294	< 1	0.07	8	1090	< 2	< 2	2	146	0.17	< 10	< 10	31	< 10	40
274369	205	294	< 1	0.08	7	1140	4	< 2	3	141	0.19	< 10	< 10	32	< 10	42
274370	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274371	205	294	< 1	0.06	121	580	< 2	6	6	18	0.20	< 10	< 10	74	< 10	80
274372	205	294	< 1	0.05	99	580	4	< 2	6	31	0.20	< 10	< 10	65	< 10	78
274373	205	294	1	0.05	144	1390	< 2	< 2	9	72	0.21	< 10	< 10	85	< 10	98
274374	205	294	1	0.13	325	650	10	< 2	11	43	0.25	< 10	< 10	84	< 10	80
274375	205	294	3	0.07	330	600	36	< 2	10	28	0.24	< 10	< 10	71	< 10	294
274376	205	294	3	0.07	116	530	54	< 2	6	20	0.17	< 10	< 10	47	< 10	240
274377	205	294	< 1	0.07	91	540	14	< 2	8	18	0.18	< 10	< 10	66	< 10	98
274378	205	294	1	0.05	127	540	< 2	2	6	22	0.18	< 10	< 10	51	< 10	162
274379	205	294	1	0.07	89	670	< 2	< 2	5	24	0.16	< 10	< 10	55	< 10	106
274380	205	294	1	0.06	66	640	2	< 2	4	30	0.16	< 10	< 10	41	< 10	54
274381	205	294	3	0.07	11	690	< 2	< 2	4	114	0.17	< 10	< 10	40	< 10	46
274382	205	294	2	0.14	17	730	2	< 2	6	68	0.21	< 10	< 10	64	< 10	68
274383	205	294	< 1	0.07	10	900	2	< 2	3	81	0.15	< 10	< 10	31	< 10	48
274384	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274385	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274386	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274387	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274388	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274389	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274390	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274391	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274392	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
274393	205	294	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-A
Total Pages : 1
Certificate Date: 13-APR-199
Invoice No. : I9914898
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914898

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
274394	205	294	< 5	< 0.2	1.46	2	50	< 0.5	< 2	0.71	< 0.5	10	74	16	2.32	< 10	< 1	0.09	70	1.48	225
274395	205	294	< 5	< 0.2	2.00	2	150	< 0.5	< 2	0.65	< 0.5	26	268	59	3.52	< 10	< 1	0.84	10	1.50	510
274396	205	294	< 5	< 0.2	1.83	8	130	< 0.5	< 2	1.12	< 0.5	21	166	64	3.36	< 10	< 1	0.29	10	1.85	415
274397	205	294	< 5	< 0.2	2.72	8	730	< 0.5	< 2	2.75	< 0.5	29	262	44	3.93	< 10	< 1	1.23	< 10	2.18	625
274398	205	294	< 5	< 0.2	1.65	< 2	260	< 0.5	< 2	2.31	< 0.5	23	188	46	2.51	< 10	< 1	0.64	< 10	1.47	360
274399	205	294	< 5	< 0.2	2.32	2	380	< 0.5	< 2	1.42	< 0.5	22	223	47	3.34	< 10	< 1	0.19	< 10	2.51	380
274400	205	294	< 5	< 0.2	3.42	4	470	< 0.5	< 2	1.34	< 0.5	29	271	84	4.46	< 10	< 1	0.81	10	1.85	385
274401	205	294	< 5	< 0.2	2.75	< 2	240	< 0.5	< 2	2.06	< 0.5	20	181	35	3.09	< 10	< 1	0.66	10	1.52	475
274402	205	294	< 5	< 0.2	2.69	6	100	< 0.5	< 2	2.16	< 0.5	25	203	57	4.35	< 10	< 1	0.39	10	1.61	715
274403	205	294	< 5	< 0.2	3.24	< 2	100	< 0.5	< 2	1.93	< 0.5	33	271	51	5.43	< 10	< 1	0.41	< 10	1.69	935
274404	205	294	< 5	< 0.2	2.24	2	20	< 0.5	< 2	2.42	< 0.5	24	167	47	3.41	< 10	< 1	0.14	< 10	1.16	860
274405	205	294	< 5	< 0.2	1.32	4	10	< 0.5	< 2	1.75	< 0.5	33	96	78	3.84	< 10	< 1	0.08	< 10	0.78	830
274406	205	294	< 5	< 0.2	1.81	2	< 10	< 0.5	< 2	1.87	< 0.5	27	50	33	8.53	< 10	< 1	0.13	< 10	0.67	1460
274407	205	294	< 5	0.4	1.49	28	< 10	< 0.5	6	2.12	< 0.5	159	52	103	>15.00	< 10	< 1	0.07	< 10	0.67	695
274408	205	294	< 5	< 0.2	2.72	< 2	40	< 0.5	< 2	1.09	< 0.5	25	71	39	4.18	< 10	< 1	0.41	10	1.74	545
274409	205	294	< 5	< 0.2	2.66	< 2	110	< 0.5	< 2	1.36	< 0.5	20	85	46	3.48	< 10	< 1	0.54	10	1.42	445
274410	205	294	< 5	< 0.2	2.18	6	110	< 0.5	< 2	1.27	< 0.5	28	79	110	3.35	< 10	< 1	0.44	10	1.22	410
274411	205	294	< 5	< 0.2	2.35	2	220	< 0.5	< 2	1.06	< 0.5	20	83	45	3.69	< 10	< 1	0.75	10	1.48	480
274412	205	294	< 5	< 0.2	1.61	4	60	< 0.5	< 2	0.87	< 0.5	14	63	44	2.59	< 10	< 1	0.41	10	1.11	260
274413	205	294	< 5	< 0.2	2.54	6	150	< 0.5	< 2	1.65	< 0.5	17	75	38	2.92	< 10	< 1	0.68	10	1.42	315

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-B
Total Pages : 1
Certificate Date: 13-APR-1999
Invoice No. : I9914898
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914898

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
274394	205	294	3	0.06	9	1230	< 2	< 2	3	116	0.16	< 10	< 10	33	< 10	48
274395	205	294	3	0.06	91	680	< 2	< 2	10	19	0.28	< 10	< 10	86	< 10	88
274396	205	294	3	0.06	71	820	616	< 2	3	19	0.29	< 10	< 10	74	< 10	78
274397	205	294	3	0.06	139	970	< 2	< 2	7	31	0.31	< 10	< 10	85	< 10	74
274398	205	294	4	0.09	134	800	< 2	< 2	4	23	0.19	< 10	< 10	54	< 10	48
274399	205	294	4	0.06	116	940	< 2	< 2	3	19	0.23	< 10	< 10	61	< 10	60
274400	205	294	2	0.18	141	1020	< 2	2	7	80	0.21	< 10	< 10	97	< 10	64
274401	205	294	1	0.09	103	820	6	< 2	5	74	0.25	< 10	< 10	62	< 10	74
274402	205	294	5	0.06	161	870	< 2	< 2	5	48	0.26	< 10	< 10	59	< 10	60
274403	205	294	3	0.06	204	920	< 2	< 2	6	36	0.32	< 10	< 10	80	< 10	74
274404	205	294	6	0.06	167	900	< 2	< 2	5	55	0.27	< 10	< 10	47	< 10	60
274405	205	294	4	0.06	180	780	< 2	< 2	3	28	0.15	< 10	< 10	29	< 10	38
274406	205	294	4	0.16	146	690	< 2	< 2	4	20	0.09	< 10	< 10	39	< 10	80
274407	205	294	14	0.01	200	250	< 2	< 2	6	36	0.05	< 10	< 10	34	< 10	108
274408	205	294	3	0.07	79	590	50	< 2	7	22	0.24	< 10	< 10	83	< 10	174
274409	205	294	5	0.12	42	580	< 2	< 2	6	31	0.26	< 10	< 10	75	< 10	76
274410	205	294	2	0.11	42	640	10	< 2	6	29	0.24	< 10	< 10	66	< 10	118
274411	205	294	1	0.08	40	610	< 2	< 2	7	23	0.27	< 10	< 10	86	< 10	118
274412	205	294	1	0.11	30	620	< 2	< 2	5	16	0.13	< 10	< 10	60	< 10	54
274413	205	294	3	0.17	35	580	< 2	< 2	5	34	0.15	< 10	< 10	66	< 10	60

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VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-A
Total Pages : 1
Certificate Date: 23-APR-99
Invoice No. : I9915780
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9915780

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
274379	244	200	14.57	4.15	0.01	4.54	1.13	0.68	0.08	4.15	0.14	67.15	0.91	1.33	98.84	

CERTIFICATION: _____

RERUNS from A9914744

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL CANALASKA RESOURCES LTD. *

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number :1-A
Total Pages :1
Certificate Date: 30-APR-99
Invoice No. :I9915782
P.O. Number :
Account :OEY

CERTIFICATE OF ANALYSIS A9915782

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
274379	299	297	612	50.5	1.3	32.0	55	3.6	2.1	1.2	5.0	23	5	0.7	23.0	< 5	0.3	24.0	105	6	5.7

CERTIFICATION:_____

RERUNS from A9914744

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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VANCOUVER, BC
V6B 1V9

Project : TIMMINS
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Page Number :1-B
Total Pages :1
Certificate Date: 30-APR-99
Invoice No. :19915782
P.O. Number :
Account :OEY

CERTIFICATE OF ANALYSIS A9915782

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
274379	299	297	45.6	4.4	< 1	293	0.5	0.7	< 0.5	4	0.2	1	5	0.5	140	1.8	19.0	125	200

CERTIFICATION:_____

RERUNS from A9914744

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VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1
Total Pages : 1
Certificate Date: 19-APR-1999
Invoice No. : I9915271
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9915271

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
274404	244	200	13.40	14.30	0.06	12.70	0.89	5.70	0.41	0.54	0.24	48.50	1.24	1.80	99.78	
274407	244	200	7.11	4.59	0.01	25.52	1.32	1.66	0.15	0.65	0.04	41.95	0.34	14.29	97.63	

CERTIFICATION:

RERUNS from A9914898

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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VANCOUVER, BC
V6B 1V9

Project : TIMMINS
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Page Number : 1-A
Total Pages : 1
Certificate Date: 19-APR-99
Invoice No. : 19915272
P.O. Number :
Account : OEY

* REVISED FAX

CERTIFICATE OF ANALYSIS A9915272

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
274404	299	297	385	38.5	0.4	42.5	40	3.7	2.2	1.5	4.8	17	3	0.8	16.5	< 5	0.3	22.0	305	7	5.6
274407	299	297	327	15.0	0.7	173.0	130	2.0	1.3	0.5	2.2	9	< 1	0.5	6.5	5	0.1	8.5	245	< 1	2.1

CERTIFICATION: _____

* FOR Cu on ALL SAMPLES.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: INTERNATIONAL CANALASKA RESOURCES LTD. *

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-B
Total Pages : 1
Certificate Date: 19-APR-99
Invoice No. : I9915272
P.O. Number :
Account : OEY

* REVISED FAX

CERTIFICATE OF ANALYSIS A9915272

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
274404	299	297	18.8	5.2	< 1	232	0.5	0.9	< 0.5	4	0.3	< 1	< 1	< 0.5	145	2.1	20.0	120	85.5
274407	299	297	30.6	1.8	< 1	106.0	< 0.5	0.4	< 0.5	2	0.2	< 1	< 1	< 0.5	70	1.2	10.5	120	21.0

CERTIFICATION: _____

* FOR Cu on ALL SAMPLES.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page nber : 1
Total Pages : 1
Certificate Date: 12-APR-1999
Invoice No. : I9914745
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914745

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
274362	299	200	13.44	7.38	0.05	6.77	1.18	7.79	0.11	3.42	0.40	55.27	0.85	1.38	98.04	
274370	299	200	15.50	4.40	0.04	6.44	1.75	6.43	0.10	3.48	0.16	57.48	0.91	2.35	99.04	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-A
Total Pages : 1
Certificate Date: 19-APR-199
Invoice No. : I9914746
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914746

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
274362	299	297	1055	193.0	2.4	32.0	45	4.9	1.7	3.5	11.1	19	4	0.7	92.5	5	0.1	92.0	225	6	23.3
274370	299	297	381	38.5	3.3	35.0	40	3.1	1.9	1.1	4.1	19	3	0.6	17.0	< 5	0.3	19.5	200	5	4.9

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-B
Total Pages : 1
Certificate Date: 19-APR-199
Invoice No. : I9914746
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914746

SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
274362	299	297	38.4	14.8	< 1	989	< 0.5	1.1	< 0.5	11	0.2	< 1	< 1	3.5	105	1.3	17.5	115	130.5
274370	299	297	59.0	4.6	< 1	291	< 0.5	0.6	< 0.5	3	0.2	< 1	< 1	0.5	125	1.8	16.0	120	112.5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1
Total Pages : 1
Certificate Date: 19-APR-199
Invoice No. : 19914899
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914899

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
274414	205	226	15.54	6.60	0.01	7.11	1.28	3.28	0.10	2.51	0.12	62.10	0.85	1.16	100.65	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-A
Total Pages : 1
Certificate Date: 19-APR-1999
Invoice No. : I9914900
P.O. Number :
Account : OEY

CERTIFICATE OF ANALYSIS A9914900

SAMPLE	PREP CODE		Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm
274414	299	297	378	36.0	1.9	25.0	45	3.5	2.2	1.1	4.2	19	3	0.7	16.5	< 5	0.3	18.5	65	5	4.5

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INTERNATIONAL CANALASKA RESOURCES LTD.

MEZZANINE FLOOR, 626 W. PENDER ST.
VANCOUVER, BC
V6B 1V9

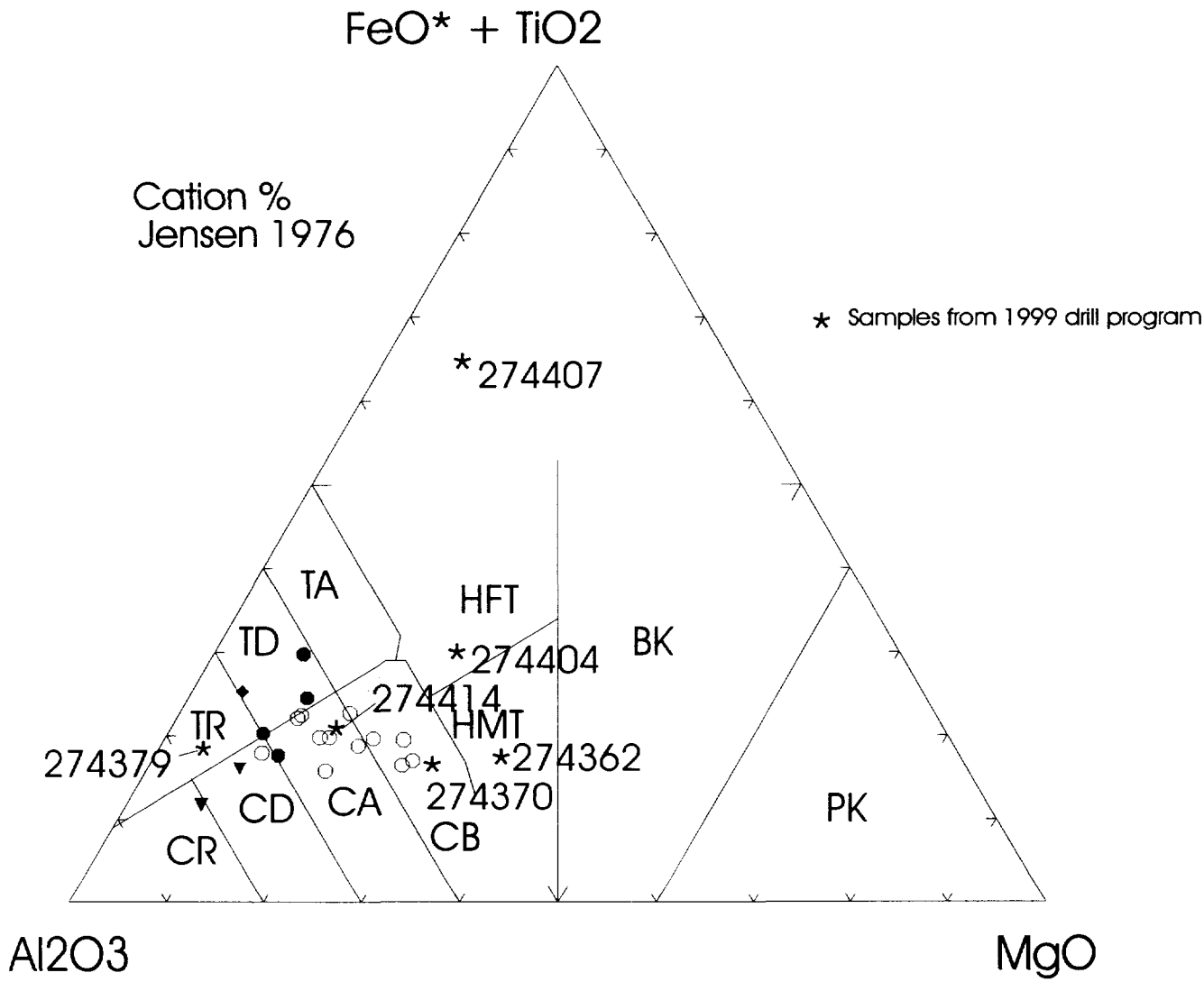
Project : TIMMINS
Comments: ATTN: BILL HOWELL CC: ANDREW TIMS

Page Number : 1-B
Total Pages : 1
Certificate Date: 19-APR-1999
Invoice No. : I9914900
P.O. Number :
Account : OEY

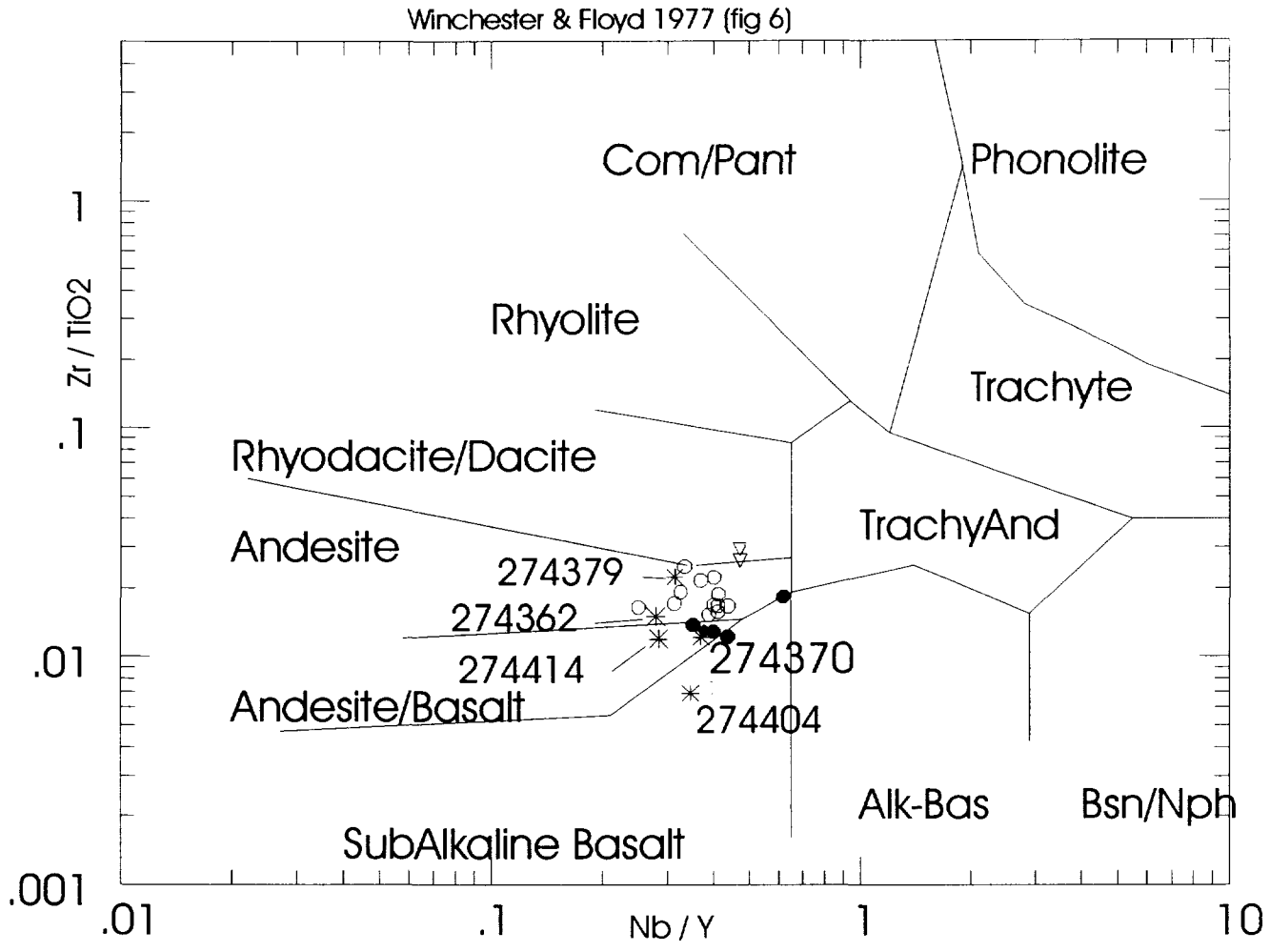
CERTIFICATE OF ANALYSIS A9914900

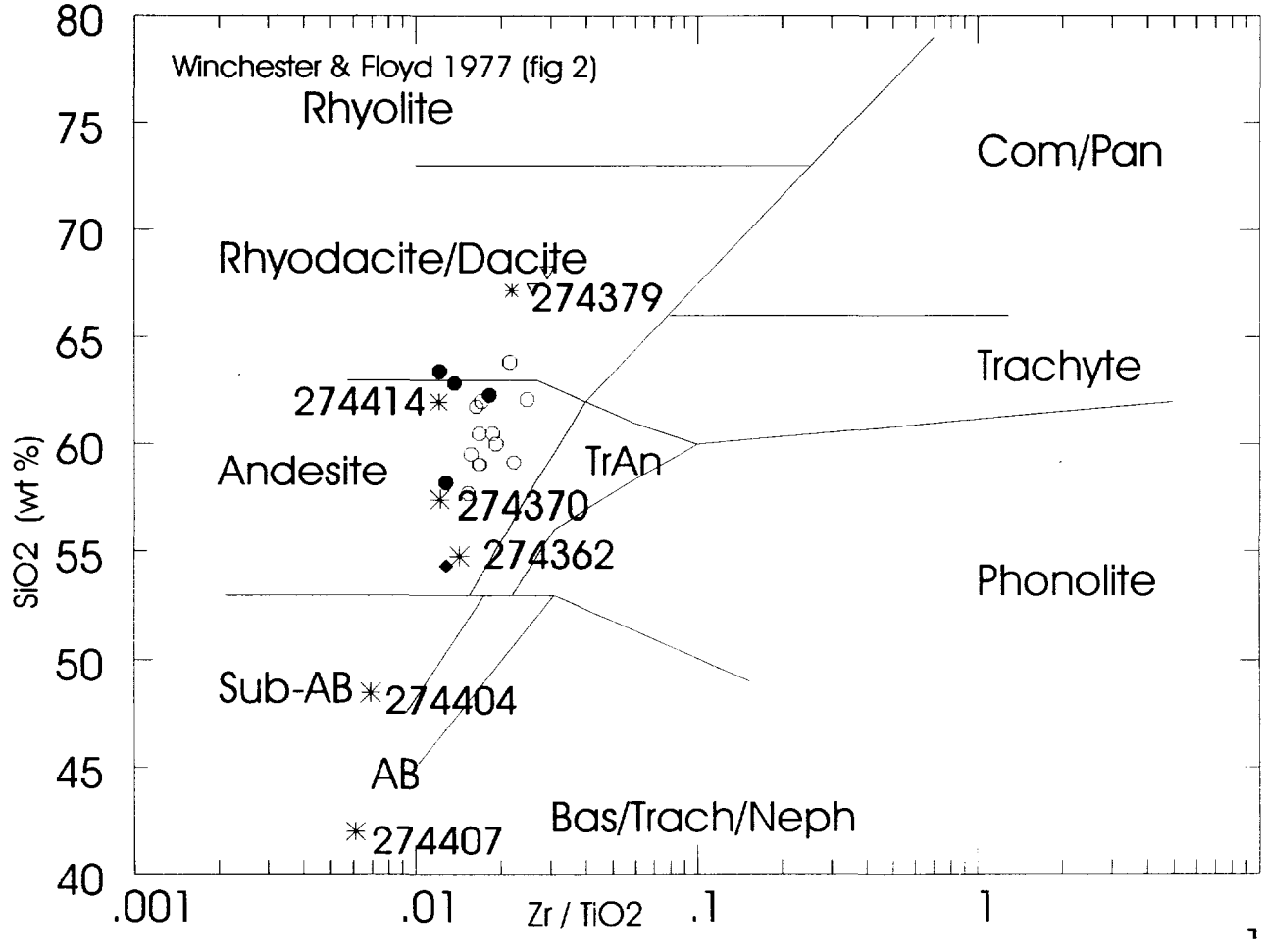
SAMPLE	PREP CODE		Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm
274414	299	297	36.6	3.9	< 1	196.5	< 0.5	0.7	< 0.5	2	0.3	< 1	< 1	0.5	125	2.0	17.5	105	103.5

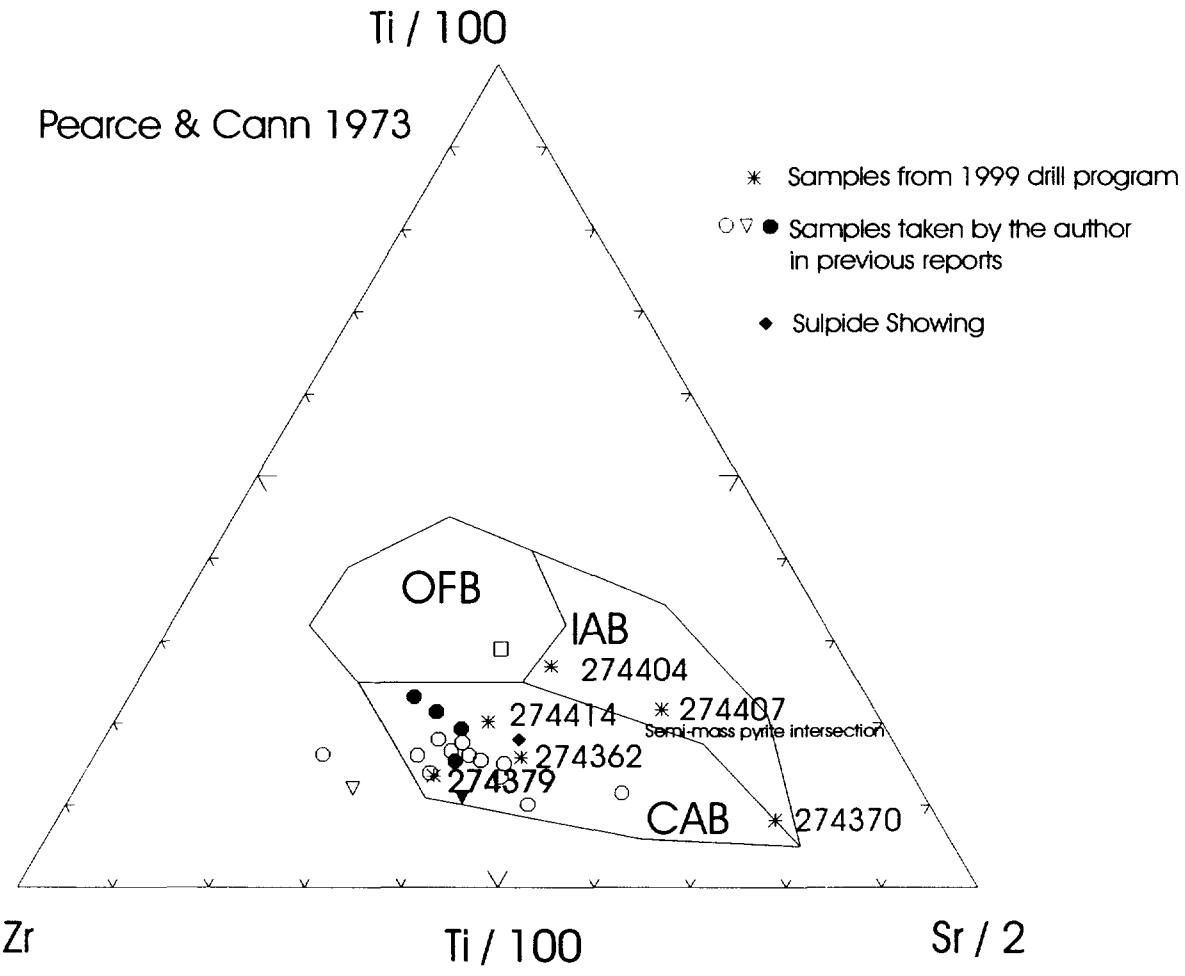
CERTIFICATION:

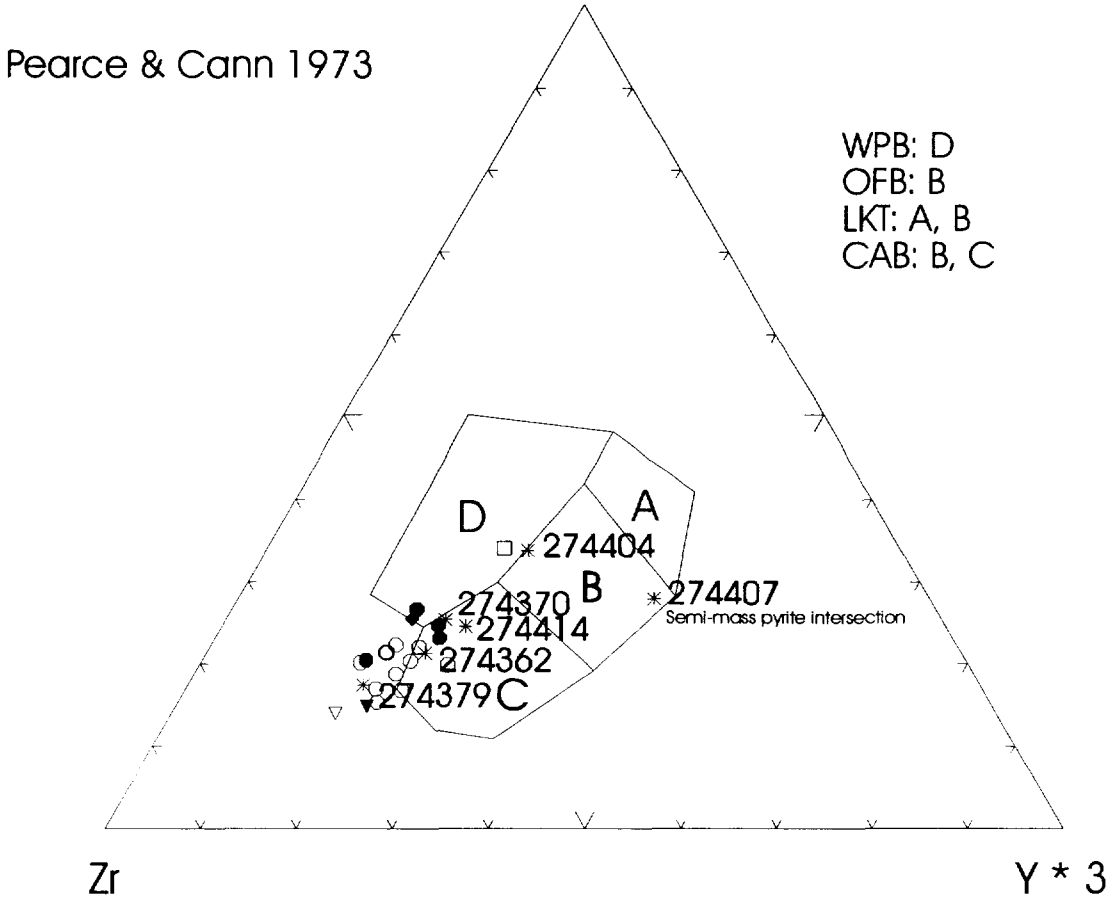


Jensen plot of selected samples

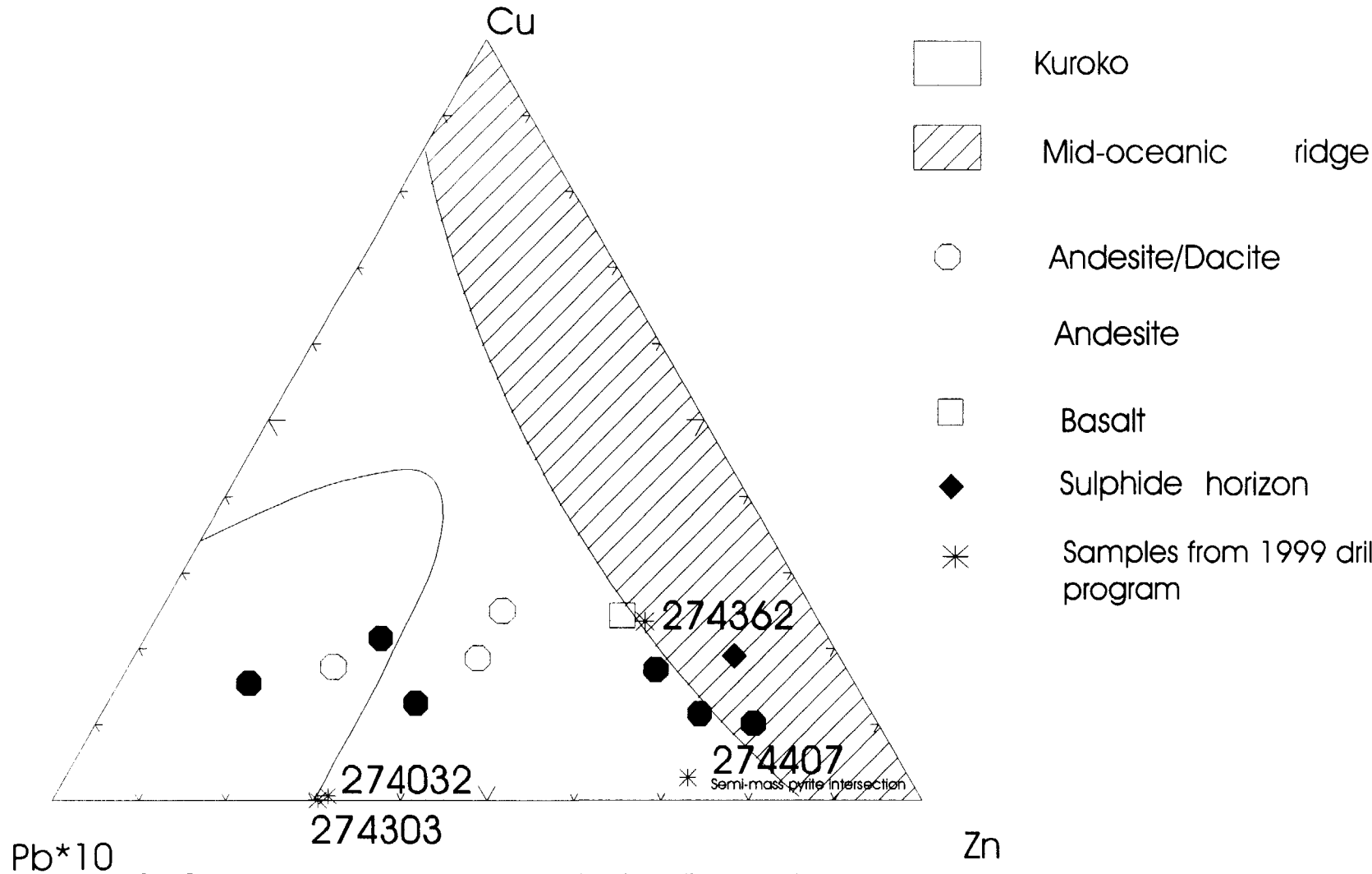

Winchester & Floyd 1977 (fig 6)
Com/Pant
Phonolite
Rhyolite
Trachyte
Rhyodacite/Dacite
TrachyAnd
Andesite
274379
274362
274414
274370
Andesite/Basalt
274404
Alk-Bas
Bsn/Nph
SubAlkaline Basalt
Zr / TiO2
Nb / Y
1
.1
.01
.001
.01
.1
1
10


Winchester & Floyd 1977 (fig 2)
Rhyolite
Com/Pan
Rhyodacite/Dacite
274379
Trachyte
274414
Andesite
TrAn
274370
274362
Phonolite
Sub-AB
274404
AB
Bas/Trach/Neph
274407
SiO2 (wt %)
Zr / TiO2
80
75
70
65
60
55
50
45
40
.001
.01
.1
1



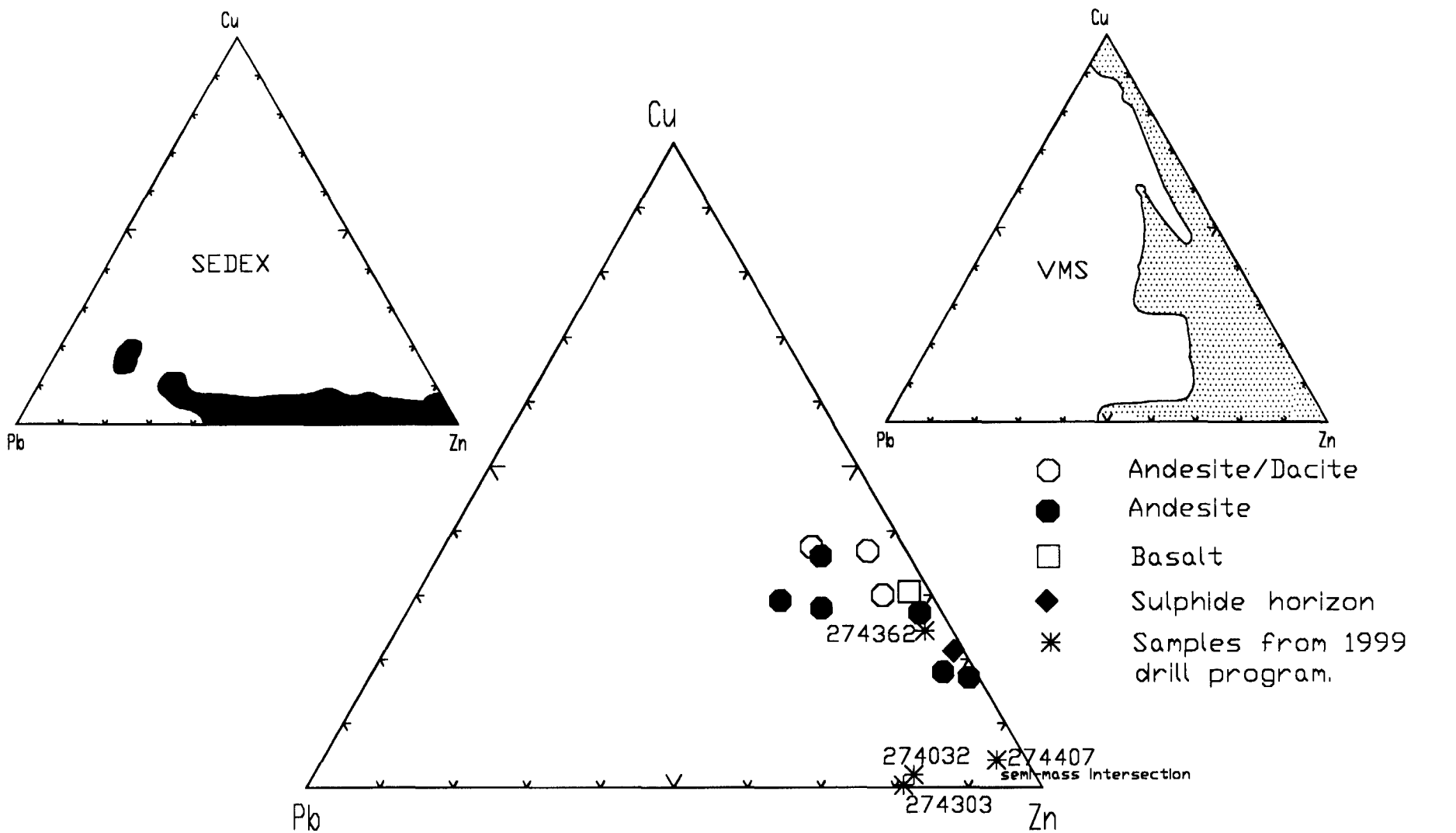


Tectonic setting based on trace element discrimination plots.



Pb(10x)-Cu-Zn ternary diagram for samples from Timmins Property

Bulk composition fields after Fouquet et al. (1993)



Pb-Cu-Zn ternary diagram for base metal content of samples from Timmins Property
Base metal deposit composition fields after Lydon (1996)

APPENDIX 3 – Names and Addresses of Claim Holders

CLAIM AND CLAIM OWNERSHIP LIST

- **CLAIMS HELD BY EAST WEST RESOURCE CORPORATION**
- INTERNATIONAL CANALASKA RESOURCES LTD. CAN EARN 50%
- TIMMINS/MICHIE TOWNSHIPS - PORCUPINE MINING DISTRICT

P1193700	P1193748
P1193701	P1193749
P1193702	P1193750
P1193703	P1193533
P1193706	P1193534
P1193745	P1193535
P1193746	P1207303
P1193747	
P1200259	P1200280
P1200262	P1200284
P1200267	P1200285
P1200268	P1200290
P1200291	P1200272
P1207301	P1206913
P1206912	
P1212634	P1212638
P1212635	P1212639
P1212636	P1212640
P1212637	P1212641

- **CLAIMS HELD BY INTERNATIONAL CANALASKA RESOURCES LTD.**
- TIMMINS/MICHIE TOWNSHIPS - PORCUPINE MINING DISTRICT
- NORDICA TOWNSHIP/LARDER LAKE MINING DISTRICT

P1212699	P1212700
P1207056	P1219347
P1219496	P1219497
P1219500	P1223685
P1223686	P1223687
P1223688	P1224292
L1228669	

ADDRESSES OF CLAIM HOLDERS

INTERNATIONAL CANALASKA RESOURCES LTD.- CLIENT #303686
Mezzanine Level - 626 West Pender Street
Vancouver, B.C. V6B 1B9 PH:604-688-0041 FAX:604-688-2582

EAST WEST RESOURCE CORPORATION - CLIENT #128645
203-960 Richards Street
Vancouver, B.C. V6B 3C1 PH: not listed FAX:604-689-5930

APPENDIX 4 – Drill Hole Location Map and Sections

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W9960.00268
Assessment Files Research Imaging

42A07SW2005 2.19562 TIMMINS 900

...ction 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this ... work and correspond with the mining land holder. Questions about this collection ...t and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
PLEASE SEE ATTACHED "CLAIM OWNERSHIP LIST"	303686
Address	Telephone Number
	Fax Number
Name	Client Number 128645
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☒ Physical: drilling stripping, trenching and associated assays ☐ Rehabilitation

Work Type	Office Use
DIAMOND DRILLING	Commodity
	Total $ Value of Work Claimed $50,032
Dates Work Performed From Day Month Year To Day Month Year	NTS Reference
Global Positioning System Data (if available) Township/Area TIMMINS	Mining Division Porcupine
M or G-Plan Number 42 A/SE	Resident Geologist District Timmins

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
ANDREW TIMS	1-705-268-8063
Address 1214 - 309 RIVERSIDE DRIVE, TIMMINS ONT.	Fax Number 1-705-268-8063
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, TARYN DOWNING (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date June 2/99
Agent's Address 626 W. PENDER ST. VANCOUVER BC	Telephone Number 604-688-0041	Fax Number 604-688-2882

0241 (03/97)

V68-189

Deemed September 9, 1999

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JUN 15 1999
58 am
GEOSCIENCE ASSESSMENT OFFICE

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9960 00268

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	119 3700	16	50 032	6400	43 632	
2	119 3701	8		3200		
3	119 3702	1		400		
4	119 3703	16		6400		
5	119 3706	12		4800		
6						
7	1200 259	16		6400		
8	1200 262	12		4800		
9	1200 267	16		6400		
10	1200 268	16		6400		
11	1200 272	16		4832		
12						
13						
14						
15						
	Column Totals	129	50,032	50,032	43632	0

I, TARYN DOWNING. (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
	June 2/99

6. **Instruction for cutting back credits that are not approved.**

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

CUT FROM BANK FIRST, THEN 1193706, THEN CLAIMS LISTED LAST, WORKING BACKWARDS.

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

2.19513

RECEIVED
JUN 15 1999
GEOSCIENCE ASSESSMENT OFFICE

CLAIM AND CLAIM OWNERSHIP LIST

W9960.00268

- **CLAIMS HELD BY EAST WEST RESOURCE CORPORATION**
- INTERNATIONAL CANALASKA RESOURCES LTD. CAN EARN 50%
- TIMMINS/MICHIE TOWNSHIPS - PORCUPINE MINING DISTRICT

P1193700	P1193748
P1193701	P1193749
P1193702	P1193750
P1193703	P1193533
P1193706	P1193534
P1193745	P1193535
P1193746	P1207303
P1193747	
P1200259	P1200280
P1200262	P1200284
P1200267	P1200285
P1200268	P1200290
P1200291	P1200272
P1207301	P1206913
P1206912	
P1212634	P1212638
P1212635	P1212639
P1212636	P1212640
P1212637	P1212641

- **CLAIMS HELD BY INTERNATIONAL CANALASKA RESOURCES LTD.**
- TIMMINS/MICHIE TOWNSHIPS - PORCUPINE MINING DISTRICT
- NORDICA TOWNSHIP/LARDER LAKE MINING DISTRICT

P1212699	P1212700
P1207056	P1219347
P1219496	P1219497
P1219500	P1223685
P1223686	P1223687
P1223688	P1224292
L1228669	

ADDRESSES OF CLAIM HOLDERS

INTERNATIONAL CANALASKA RESOURCES LTD.- CLIENT #303686
Mezzanine Level - 626 West Pender Street
Vancouver, B.C. V6B 1B9 PH:604-688-0041 FAX:604-688-2582

EAST WEST RESOURCE CORPORATION - CLIENT #128645
203-960 Richards Street
Vancouver, B.C. V6B 3C1 PH: not listed FAX:604-689-5930

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9960.00268

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
DIAMOND DRILLING	623.6 m	40.00 /m	24944.00
ASSAYS	91 SAMPLES	17.50 / SAMPLE	1599.72
DRILL HOLE TEST/SURVEY	4	240.00	960.00
CORE CUTTING	40 HRS	15.00/HR	600.00
CORE MOVING	1	40.00	40.00
GEOL. SITE SUPERV. & REPORT	15 DAYS	275.00 /DAY	4125.00
PROJ. SUPERVISION	2 DAYS	400.00/	800.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
MOB. - DEMOB, DRILL MOVES			4167.21
CONSUMABLE FIELD SUPPLIES - GEOLOGICAL			1195.03
- DRILLING			2068.00
CORE STORAGE			720.00
Transportation Costs			
FUEL (GASOLINE)			213.71
SUPERVISOR / TRANSP.			400.00
Food and Lodging Costs			
80 M.D.		100.00/	8000.00
SUPERVISOR / FOOD & LODGING 2 M.D.		100.00/	200.00
		Total Value of Assessment Work	50,032.67

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, TARYN DOWNING (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as CORPORATE SECRETARY (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [signature] Date: Jun 2/99

0212 (03/97)

RECEIVED
JUN 15 1999
MINING LANDS SECTION

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

July 12, 1999

Taryn Downing
INTERNATIONAL CANALASKA RESOURCES LTD.
626 WEST PENDER STREET
MEZZANINE FLOOR
VANCOUVER, B.C.
V6B-1B9

Dear Sir or Madam:

Submission Number: 2.19562

Subject: Transaction Number(s):		**Status**
	W9960.00268	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 13989
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.19562

Date Correspondence Sent: July 12, 1999 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9960.00268	1193700	TIMMINS	Deemed Approval	July 12, 1999

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Taryn Downing
INTERNATIONAL CANALASKA RESOURCES LTD.
VANCOUVER, B.C.

EAST WEST RESOURCE CORPORATION
VANCOUVER, BC

Correspondence ID: 13989

SHERATON TWP. M. 386

EGAN TWP. M. 346

BLACKSTOCK TWP. M. 263

MCEVAY TWP. M. 367

MICHIE TWP. M. 301

1212699 | 1207301 | 1206912 | 1207302 | 1128984

1212700 (16 UNITS) | 16 UNITS | 1204296 | 1128983 16 UNITS

(16 UNITS) | (16 UNITS) | 12 UNITS | 5 UNITS

1207056 (5 UNITS) | 1200272 16 UNITS | 1207303 | 1207306 | 1229896

P 1206913 (16 UNITS) | (16 UNITS) | (16 UNITS) | 1228945 | 1228852 12 UNITS

1228589 | 1200268 16 UNITS | 1200267 16 UNITS | 1153745 16 UNITS | 1207304 | 1226217

(16 UNITS) | 1228851 | 1228045

2.19562 PDRILL

1200280 12 UNITS | 1200262 12 UNITS | 1200259 16 UNITS | 1193746 16 UNITS | 1207305 | 1203969 | 1215575 (12 UNITS)

Greenock L. | 5 UNITS | 1226218 | 1228853

Dougherty Lake | 1193748 3 UNITS | 1207307 | Flood L.

1200284 6 UNITS | 1200285 16 UNITS | 1193700 16 UNITS | 1193747 16 UNITS | 1224507 | 1228908

1193702 | (6 UNITS) | 16 UNITS | 6 UNITS

1200229 8 UNITS | 1200230 16 UNITS | 1193701 8 UNITS | 1193703 16 UNITS | 1193706 12 UNITS | 1193749 2 UNITS | 1193729 9 UNITS | 1203972 (R5) 15 UNITS | 1223413

Beattie | James

NOTES

400' surface rights reservation along the shores of all lakes and rivers

Areas withdrawn from staking under Section 43 of the Mining Act, R.S.O. 1970

Order No	File	Date	Disposition
(L) W.R.7777	192164	28/6/77	S.R.O.
(S) W.R.7777	188543	27/10/77	S.R.O.
(L) W.15/78	192343	10/10/78	S.R.O.
(L) W.34/85	188543	10/10/85	S.R. & M.R.

(R) SEC.35 W-LL - C1603/99 MAY 07/99 M+S

SAND and GRAVEL

(S) Quarry Permit

(F) THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1995/96 FURTHER INFORMATION IS AVAILABLE ON FILE

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

* used only with summer resort locations or when space is limited

TOWNSHIP OF

TIMMINS

DISTRICT OF
COCHRANE

PORCUPINE
MINING DIVISION

SCALE 1 INCH 40 CHAINS (1/2 MILE)

DATE MARCH 21 | PLAN NO M.314

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

42A07SW2005 2.19562 TIMMINS 200

MAGNETIC DECLINATION 11°25' W

Magnetic True

TL 16+00N

TL 8+00N

L 1+00W

L 1+00E

L 5+00E

L 7+00E

L 8+00E

Gibson Lake Road

II98-01

II96-16

P1200262

P1200259

P1193746

P1193747

P1193748

TT99-04

II96-14

Doughtery Lake.

TT99-01

II83-01

TT99-02

II96-15

II95-11

BL 0+00N

II98-02

TT99-03

II97-10

P1193702

P1200285

P1193700

P1193701

P1200290

P1193703

TL 8+00S

LEGEND

II95-11 Previous Drilling

TT99-02 CanAlaska Drill Holes

1:5,000 SCALE

0 250 500 750 m.

RECEIVED
JUN 15 1999
GEOSCIENCE ASSESSMENT OFFICE

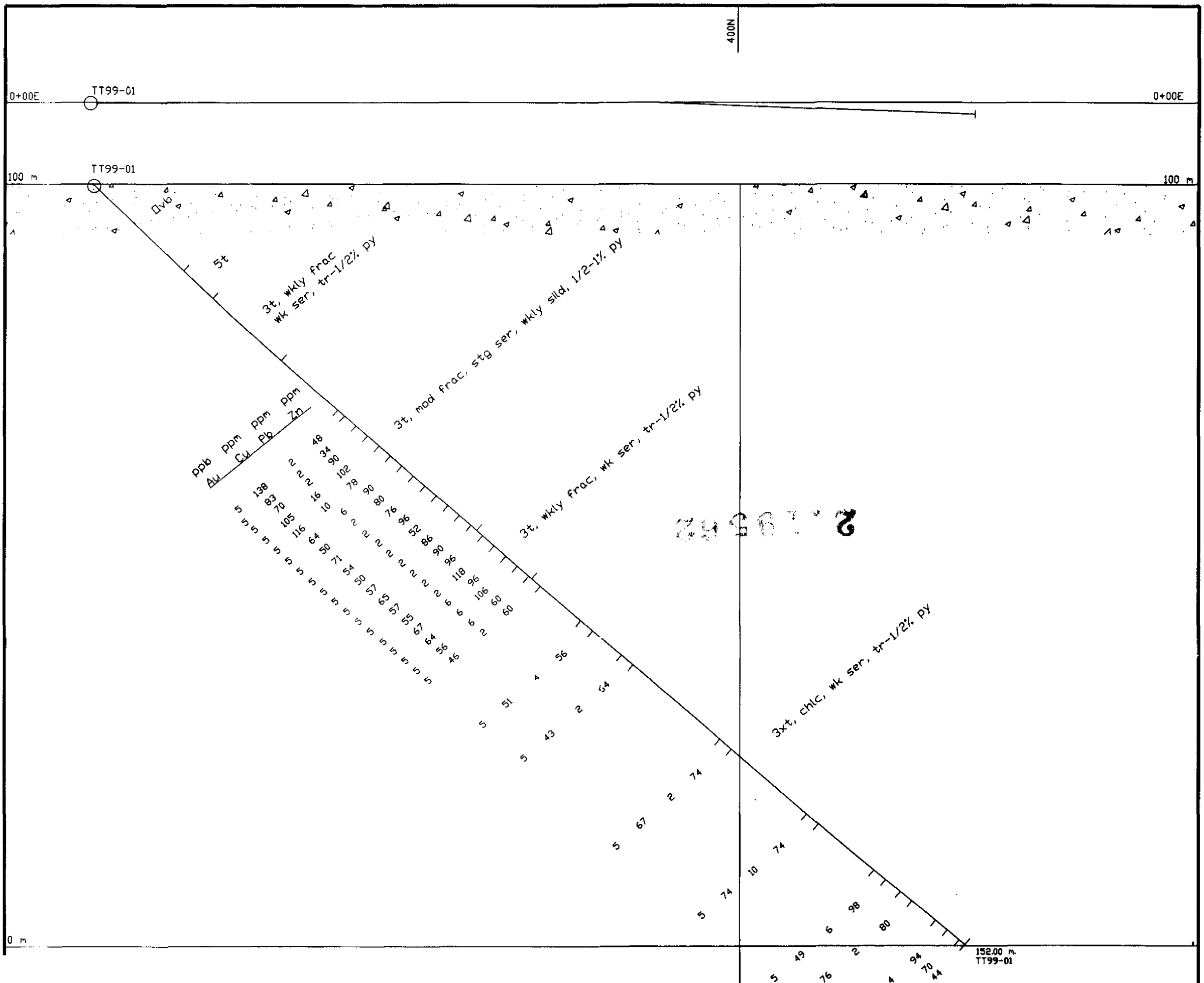
NEXO Northern Mineral Exploration Services

International CanAlaska Resources

DRILL HOLE LOCATION MAP

Timmins Property

Dwn. By	Andrew Tims	Scale	1:5,000
Date	April, 1999	Dwng.No.	DDHMAPb 5,000.dwg



LEGEND

Ovb	Overburden
3t	Mafic Volcanic Tuff
3xt	Mafic Volcanic Crystal Tuff
chc	moderately chloritic
ser	moderate sericite alteration
~~	Fault
↓	Foliation

0 25 50 m

Northern Mineral Exploration Services

International CanAlaska Resources Ltd.

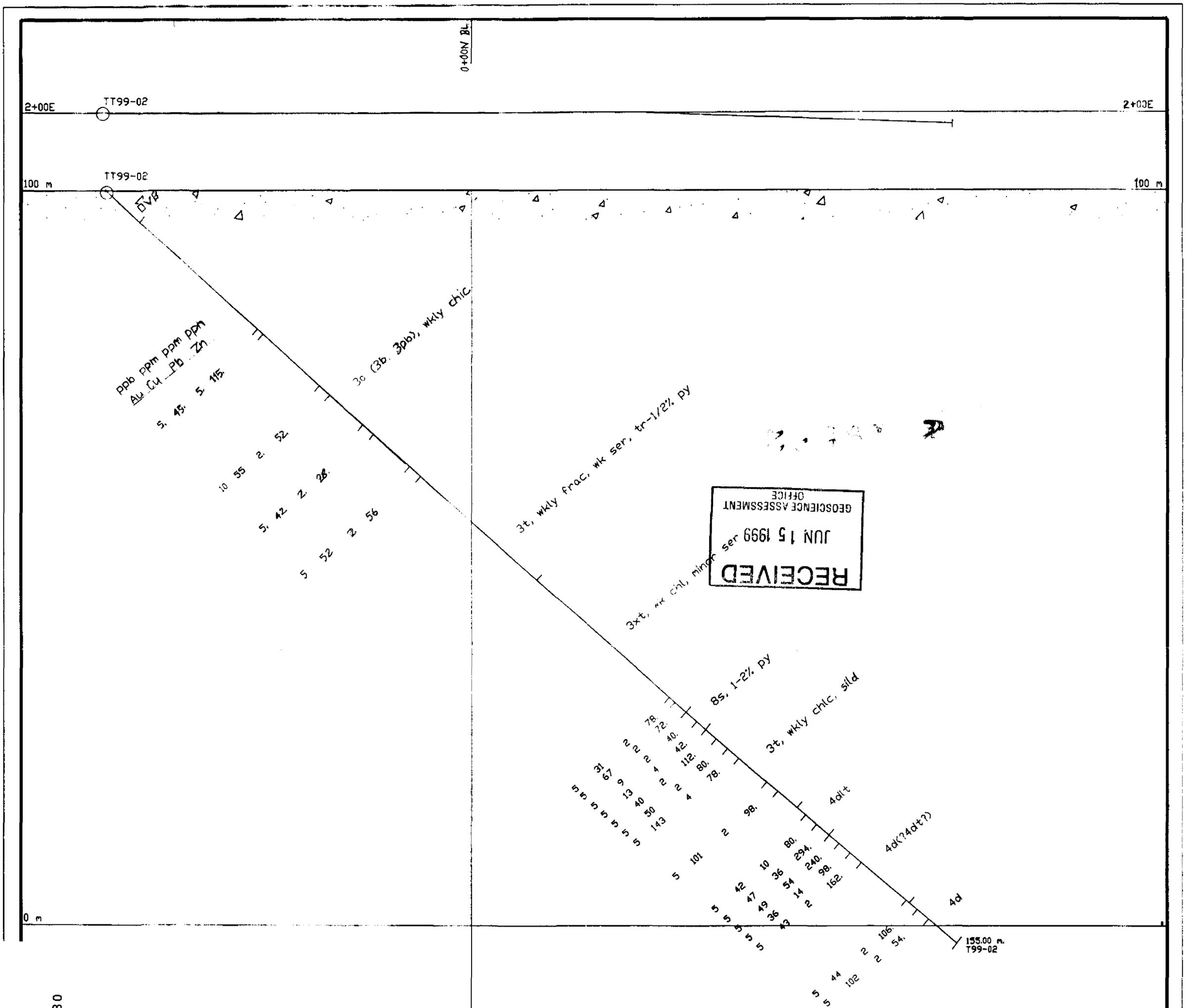
TIMMINS PROPERTY

SECTION 400W

Hole TT99-01

Claim P1193700

Dwn. By	Andrew Tims	Scale	1/500
Date	99/04/29	Dwng.No.	TT99-01.dwg



NEXO Northern Mineral Exploration Services

International CanAlaska Resources Ltd.

TIMMINS PROPERTY

SECTION 200E

Hole TT99-02

Claim 3700

Dwn. By	Andrew Tims	Scale	1/500
Date	99/04/29	Dwng.No.	TT99-02.dgn

2+75S

3+75S

7+00E TT99-03 7+00E

100 m TT99-03 100 m

Ovb

3t

8fp

3t

8fp

3t

8fp

3t

3t

3t

ppb Au ppm Cu ppm Pb ppm Zn

46 68 48 N.A.
2 2 2 0
49 35 12 N.A.
5 5 5 5

5 N.A. N.A. N.A.
5 N.A. N.A. N.A.
5 N.A. N.A. N.A.
5 N.A. N.A. N.A.
5 N.A. N.A. N.A.

5 N.A. N.A. N.A.

5 N.A. N.A. N.A.
5 N.A. N.A. N.A.

T99-03
147.00 m.

0 m

LEGEND

Ovb	Overburden
4d	DaciticTuff
3lt	Mafic Volcanic Crystal Tuff
8fp	Feldspar Porphyry Dyke
~~	Fault
	Foliation

0 25 50 m

240

TIMMINS 2.19562 42A07SW2005

Northern Mineral Exploration Services

International CanAlaska Resources Ltd.

TIMMINS PROPERTY

SECTION 700E

Hole TT99-03

Claim P1193700

Dwn. By	Andrew Tins	Scale	1/500
Date	99/04/29	Dwg.No.	TT99-03.dwg