

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 West Hastings Street
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

ASSESSMENT REPORT

describing

PROSPECTING, MAPPING AND DIAMOND DRILLING

at the

EL PROPERTY

EL 1-12	YC52354-YC52365
13-78	YC54872-YC54937
79-130	YC54988-YC55039
132-166	YC55041-YC55075
168-488	YC55077-YC55397

NTS 106E/13 and 116H/16
Latitude 65°51'N; Longitude 135°49'W

in the

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

SOUTHAMPTON VENTURES INC.
and
STRATEGIC METALS LTD.

by

Daniel Gregory B.Sc., GIT
November 2008

TABLE OF CONTENTS

INTRODUCTION	1
PROPERTY LOCATION, CLAIM DATA AND ACCESS	1
HISTORY	1
GEOMORPHOLOGY	2
REGIONAL GEOLOGY	2
PROPERTY GEOLOGY	3
MINERALIZATION AND GEOCHEMISTRY	5
DIAMOND DRILLING	5
DISCUSSION AND CONCLUSIONS	6
REFERENCES	7

APPENDICES

I	STATEMENT OF QUALIFICATIONS
II	CERTIFICATES OF ANALYSIS
III	ROCK SAMPLE DESCRIPTIONS
IV	GEOLOGICAL AND GEOTECHNICAL DIAMOND DRILL HOLE LOGS

FIGURES

<u>No.</u>	<u>Description</u>	<u>Follows Page</u>
1	Property Location	1
2	Claim Location	1
3	Tectonic Setting	2
4	Property Geology	3
5	Stratigraphic Section	3
6	Sample Locations	4
7	Drill Plan – Swamp Zone	4
8	Drill Section – Swamp Zone	4

TABLES

<u>No.</u>	<u>Description</u>	<u>Page</u>
I	Regional Lithological Descriptions	2
II	Drill Hole Data	5
III	Significant Diamond Drill Hole Intervals	6

INTRODUCTION

The El property hosts a sheet-like massive sulphide layer enriched with nickel, molybdenum and zinc. It is located in north-central Yukon and is owned by Strategic Metals Ltd. This property and seven other properties located in northern Yukon are under option to Southampton Ventures Inc. as part of the NiMo Project, which can earn a 100% interest by performing exploration on the properties and making certain cash and stock payments to Strategic.

This report describes exploration work that was conducted between April 14 and May 9, 2008 by Archer, Cathro & Associates (1981) Limited on behalf of Southampton Ventures. The work was supervised by the author and consisted of prospecting, mapping and diamond drilling. The author's statement of qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The El property comprises 486 contiguous mineral claims located in north-central Yukon Territory on NTS map sheets 106E/13 and 116H/16 at latitude 65°51'N and longitude 135°49'W (Figure 1). The claims are registered with the Mayo Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Claim data are listed below while the locations of individual claims are shown on Figure 2.

<u>Claim Number</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
El 1-12	YC52354-YC52365	February 26, 2012
13-78	YC54872-YC54937	February 26, 2012
79-130	YC54988-YC55039	February 26, 2012
132-166	YC55041-YC55075	February 26, 2012
168-488	YC55077-YC55397	February 26, 2012

* Expiry dates do not include 2008 work which has not been filed for assessment credit.

The El property is located 72 km southeast of Eagle Plains Lodge, which is accessible via the Yukon highway system using the Klondike Highway and Dempster Highway. Eagle Plains is situated 866 km by road north of Whitehorse.

In 2008, access to the property was provided by a Bell 206L helicopter operated by Fireweed Helicopters Ltd. from a temporary base at Eagle Plains.

HISTORY

Wayne Goodfellow of the Geological Survey of Canada first identified mineralization along the banks of the Peel River in 1994 (Héon, 2006). The discovery was obscurely reported and remained unexplored until Strategic Metals staked the El claims in 2006.

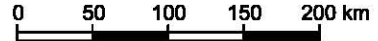
Little mineral exploration has been conducted in the immediate vicinity of the El property. The nearest place extensive work has been completed is the Eagle Plain Basin, located about 20 km west of the property, which was the focus of extensive petroleum exploration between the mid

**SOUTHAMPTON VENTURES INC.
STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

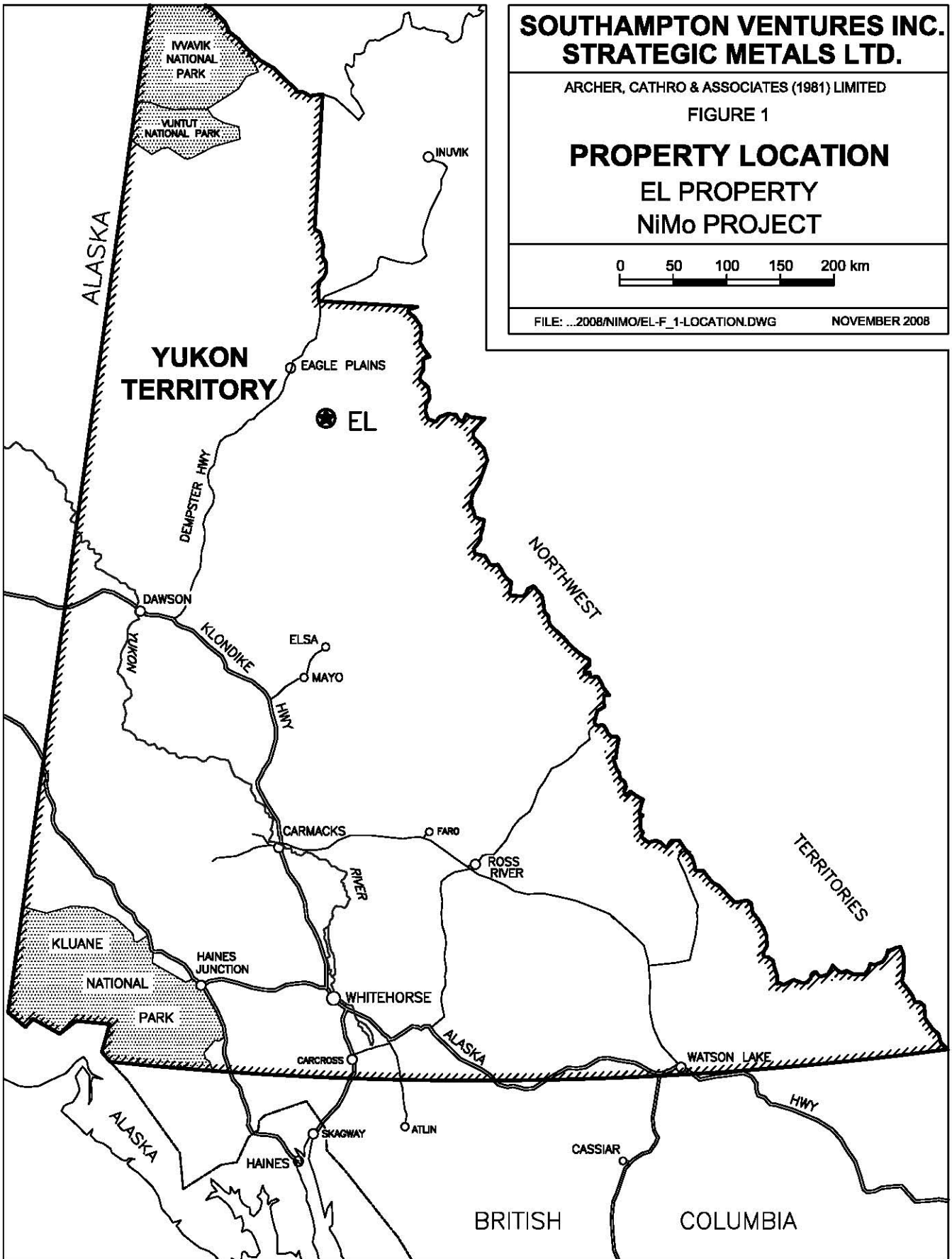
FIGURE 1

**PROPERTY LOCATION
EL PROPERTY
NiMo PROJECT**



FILE: ...2008/NIMO/EL-F_1-LOCATION.DWG

NOVEMBER 2008



1950s and mid 1980s. This work included drilling of 33 wells and 9952 line-km of reflection seismic surveys. A total of 83.7 Bcf of natural gas and 11.05 MMbbls of crude oil was identified within the basin (Osadetz, 2005).

In 2007, 19 holes totaling 2839.55 m were drilled in two 2000 m by 750 m areas (Swamp and East Zones) on the El property. Of these, 16 intersected the massive sulphide layer and returned an average grade of 3.73% nickel, 0.23% molybdenum, 1.07% zinc, 91 ppb gold, 223 ppb platinum, 120 ppb palladium and 26.9 ppm rhenium over an average width of 3 cm. The thickest intersection on the El property was 14 cm that graded 5.18% nickel, 0.16% molybdenum and 1.86% zinc, 120 ppb gold, 317 ppb platinum, 183 ppb palladium and 28.5 ppm rhenium.

GEOMORPHOLOGY

The El property lies on the southern edge of the Richardson Mountains. The northern property boundary follows the Peel River, which ultimately flows into the Arctic Ocean via the Mackenzie River.

Most of the property is underlain by swampy flatlands along the southern bank of the Peel River or low hills to the south and east. Local elevations ranging from about 280 m along the Peel River to 620 m atop the highest hill. Outcrop is only found along a few of the more deeply incised drainages and on steep hillsides. Vegetation is sparse, consisting of stunted spruce, moss, buckbrush and grass.

REGIONAL GEOLOGY

The El property lies along the western margin of the Richardson Fault Array, a cluster of north-trending curvilinear, near vertical faults. Episodic reactivation of these faults in Early and Middle Paleozoic formed a north- to northwest-trending intracratonic depression known as the Richardson Trough (Figure 3). Deep water shale and argillaceous limestone of the Ordovician to Silurian Road River Group were deposited within the trough atop Cambrian and Proterozoic-age strata. Younger Paleozoic sediments conformably cap the Road River Group within the trough and elsewhere in the surrounding broader basin. The entire stratigraphic section is folded by a large-scale anticline that plunges to the north. This anticline is called the Richardson Anticlinorium and its axis approximately coincides with the centre of the trough. To the east, the Richardson Trough is bound by the Trevor Fault and to the west by the Deception Fault.

The following table summarizes the main lithologies in the El area from youngest to oldest.

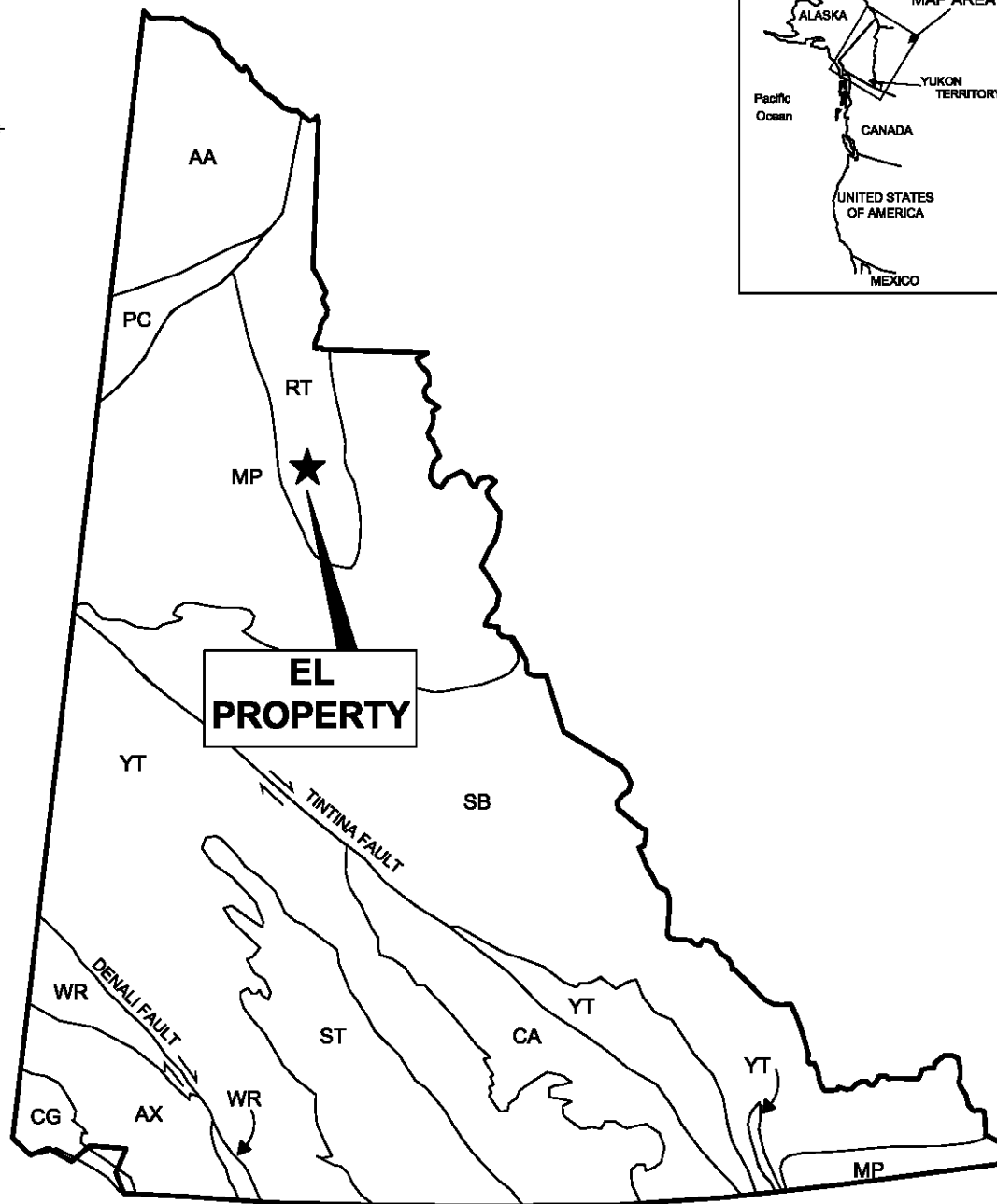
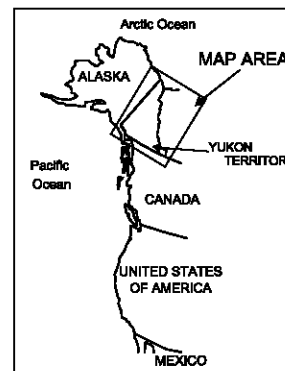
Table I: Regional Lithological Descriptions (after Norris, 1982a & 1982b)

STRATIFIED UNITS

QUATERNARY

Fluvial silt, sand and gravel.

-UNCONFORMITY-



ANCESTRAL NORTH AMERICA

- MP Mackenzie Platform
- SB Selwyn Basin
- RT Richardson Trough

TERRANES
Displaced Continental Margin

- AA Arctic Alaska
- CA Cessiar
- PC Porcupine

Pericratonic Terranes

- YT Yukon-Tanana / Slide Mountain

ACCRETED TERRANES

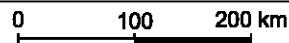
- ST Stikinia / Cache Creek
- AX Alexander
- WR Wrangellia
- CG Chugach

**SOUTHAMPTON VENTURES INC.
STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 3

**TECTONIC SETTING
EL PROPERTY
NiMo PROJECT**



PERMIAN

Jungle Creek Formation: mudstone, calcareous, cherty; limestone, and silty micrite.

-UNCONFORMITY-

UPPER CARBONIFEROUS

Ettrain Formation: cherty limestone.

Hart River Formation: limestone, dolomite and chert.

UPPER DEVONIAN TO LOWER CARBONIFEROUS

Ford Lake Shale: siliceous shale, chert and limestone.

MIDDLE TO UPPER DEVONIAN

Earn Group: a conformable marine sequence consisting of upper Imperial Formation and basal Canol Formation. Imperial Formation consists of sandstone, siltstone and shale. The Canol Formation is a sequence of siliceous shale representing a rapid rise of sea level in early Late Devonian.

ORDOVICIAN TO SILURIAN

Road River Group: a 150 to 750 m thick sequence of fossiliferous limestone and calcareous shale.

-UNCONFORMITY-

LOWER AND MIDDLE CAMBRIAN

Slats Creek Formation: siltstone, conglomerate, sandstone and limestone.

PROPERTY GEOLOGY

The El property is situated over a sequence of shallow (15-20°) south-southwest dipping shales (Figure 4), which belong to the Middle to Upper Devonian Earn Group and Ordovician to Silurian Road River Group. Figure 5 shows a generalized stratigraphic section. The Earn Group comprises sandy shale of the Imperial Formation (exposed in the south and west parts of the property) that conformably overlies siliceous shales of the Canol Formation, which form a narrow east-west band across the centre of the property. The Earn Group sits conformably atop calcareous shales belonging to the Road River Group (exposed in the north and east parts of the property).

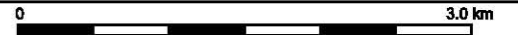
The contact between the Earn Group and Road River Group is marked by a distinctive lithological sequence consisting, from top to bottom, of a phosphatic chert member, sulphide horizon, nodular shale and limestone ball member.

The 4 to 8 m thick phosphatic chert member sits at the base of the Canol Formation. It is composed of dark grey, thin to medium bedded cherty shale that is resistant to weathering. Immediately below the phosphatic chert is a massive sulphide horizon that is described in greater detail in the following Mineralization and Geochemistry section. Beneath the massive sulphide horizon is a 20 cm to 1.2 m thick nodular shale comprising black weathering, friable shale with 5% to 10% barite rich nodules. These nodules range from 1 to 15 cm in diameter. The basal limestone ball member is between 1.5 and 10 m thick and consists of black to grey weathering, moderately phosphatic, siliceous shale containing 35% to 40% limestone spheroids. The

**SOUTHAMPTON VENTURES INC.
STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**FIGURE 4
PROPERTY GEOLOGY
EL PROPERTY
NiMo PROJECT**

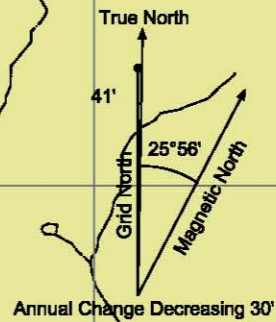
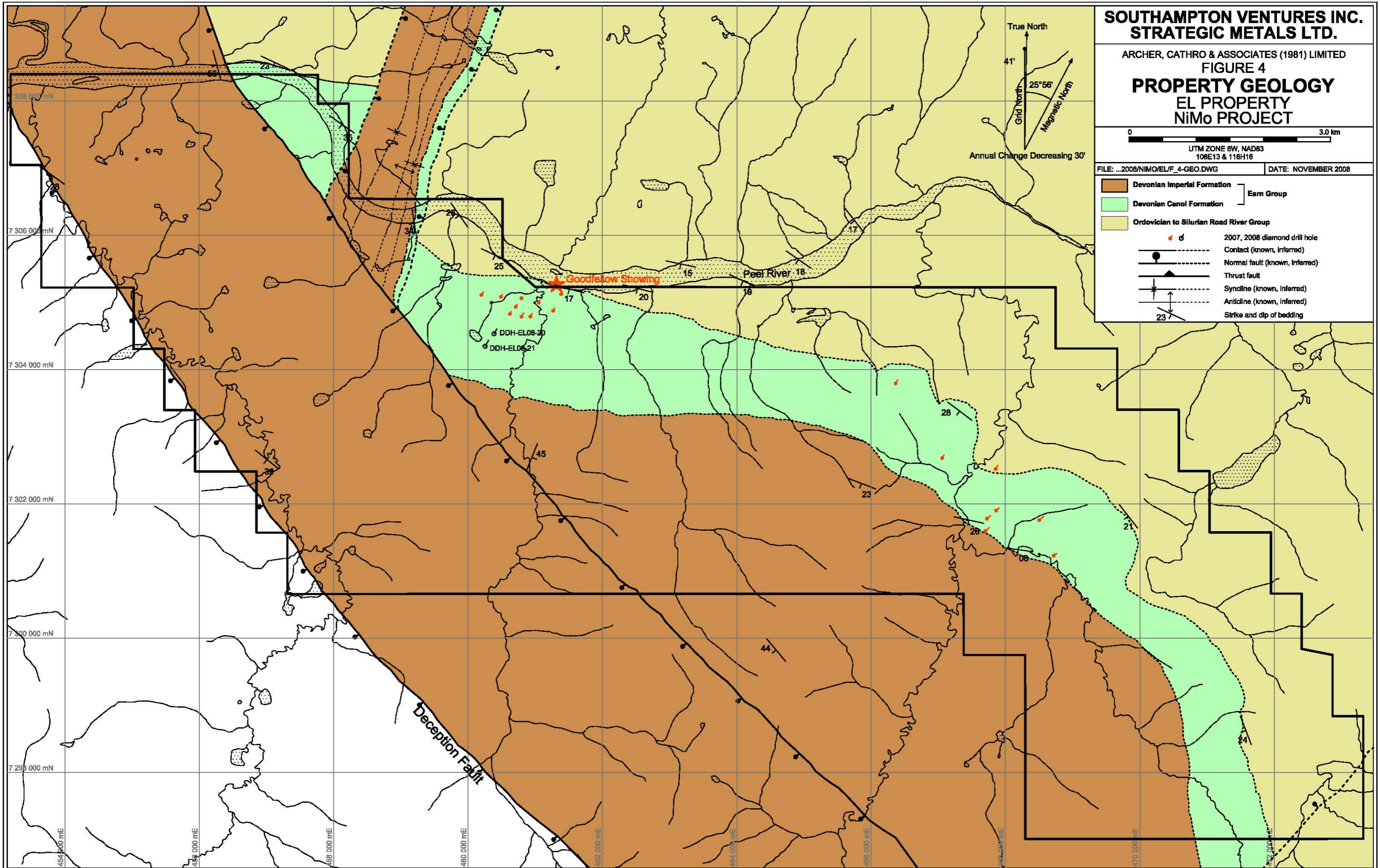


UTM ZONE 8W, NAD83
106E13 & 116H16

FILE: ...2008/NIMO/EL/F_4-GEO.DWG

DATE: NOVEMBER 2008

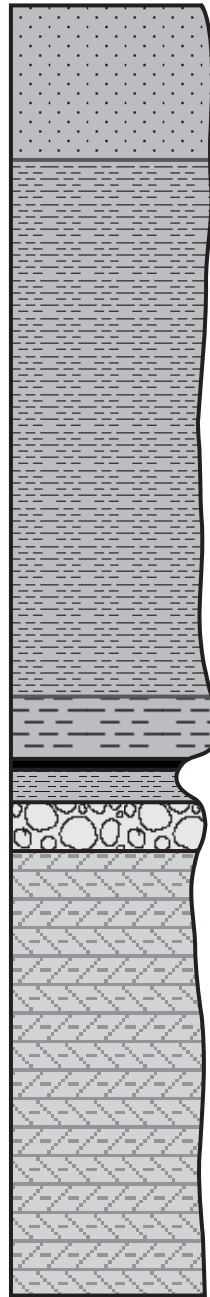
- | | | |
|--|---|--------------------------------|
| | Devonian Imperial Formation |] Earn Group |
| | Devonian Canal Formation | |
| | Ordovician to Silurian Road River Group | |
| | ♂ | 2007, 2008 diamond drill hole |
| | | Contact (known, inferred) |
| | | Normal fault (known, inferred) |
| | | Thrust fault |
| | | Syncline (known, inferred) |
| | | Anticline (known, inferred) |
| | | Strike and dip of bedding |



7 306 000 mN
7 304 000 mN
7 302 000 mN
7 300 000 mN
7 298 000 mN

454 000 mE
456 000 mE
458 000 mE
460 000 mE
462 000 mE
464 000 mE
466 000 mE
468 000 mE
470 000 mE
472 000 mE

<p style="text-align: center;">ROAD RIVER GROUP</p>	<p style="text-align: center;">EARN GROUP</p>	<p style="text-align: center;">IMPERIAL FORMATION</p>
<p style="text-align: center;">ORDOVICIAN TO SILURIAN</p>	<p style="text-align: center;">CANOL FORMATION</p>	<p style="text-align: center;">UPPER DEVONIAN</p>
<p style="text-align: center;">MIDDLE TO UPPER DEVONIAN</p>		



- Phosphatic Chert
- NiMo Horizon
- Nodular Shale Member
- Limestone Ball Member

**SOUTHAMPTON VENTURES INC.
STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 5

**STRATIGRAPHIC SECTION
EL PROPERTY
NiMo PROJECT**

not to scale

spheroids are composed of laminated micritic limestone and range from 5 cm to 1.5 m in diameter. Layering within the spheroids is sub-parallel to the adjacent bedding.

Carboniferous marine sediments are placed against Earn Group and Road River Group by two northwest trending faults. The trace of the western most of these faults, the Deception Fault, approximately coincides with the property boundary.

MINERALIZATION AND GEOCHEMISTRY

A thin, nickeliferous, massive sulphide layer, known as the NiMo horizon is found at the contact zone between the Earn and Road River Groups. This massive sulphide layer crops out along the south bank of the Peel River (Goodfellow Showing) for approximately 300 m; where it averages 2 cm in thickness.

A similar massive sulphide horizon is reported at the same stratigraphic location at the Nick property, 122 km to the southwest. The Nick massive sulphide horizon covers an area greater than 80 km² and comprises pyrite, vaesite, melnikovite-type pyrite, sphalerite and wurtzite hosted in a gangue of phosphatic-carbonaceous chert, silica and bitumen (Hulbert et al, 1992). Assays from the Nick horizon average 3.01% nickel, 0.20% molybdenum, 0.82% zinc, 0.82% vanadium, 310 ppb platinum and 150 ppb palladium. Anomalous rhenium (up to 61 ppm), uranium (up to 107.7 ppm), barium (up to 4300 ppm), selenium (up to 2400 ppm) and arsenic (up to 4200 ppm) were also reported. This horizon was the type deposit for exploration at the El property.

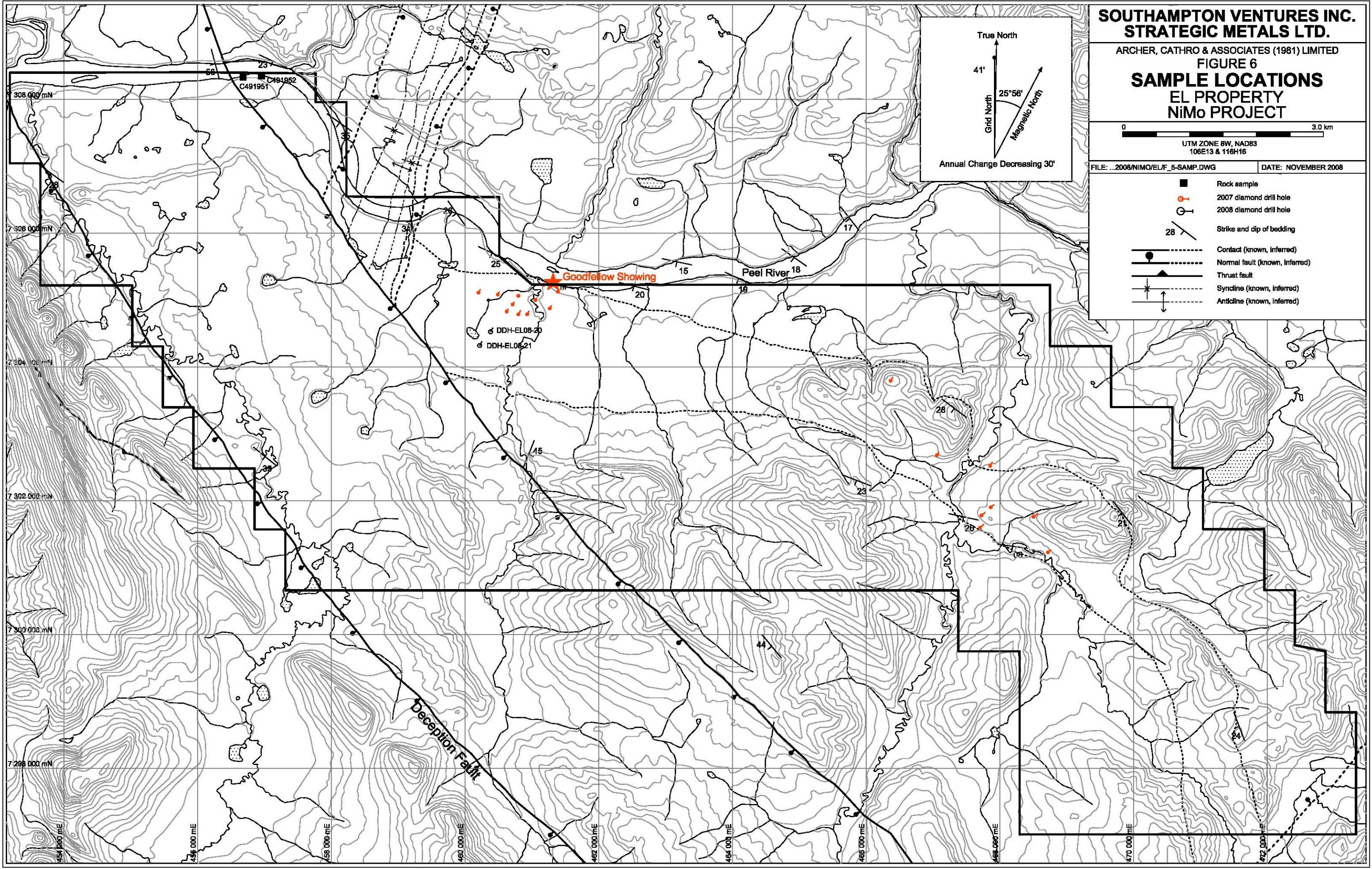
In 2008, 2 rock specimens were collected on the El property. Both samples were sent to ALS Chemex in North Vancouver. Specimen samples were analyzed using the inductively coupled plasma technique for 35 elements (ME-ICP41) Figure 6 shows the sample locations while Certificates of Analysis are found in Appendix II. Neither sample contained significant mineralization.

DIAMOND DRILLING

General

Drilling was conducted between April 17 and May 7, 2008 and it was contracted to Orofino Drilling Inc. of Oliver, BC. The work was completed with a Zinex A5 B20 diesel powered drill using NQ2 equipment. A total of 694.97 m of diamond drilling were completed in 2 holes. Drill moves were made by helicopter.

The 2008 holes tested the contact between the Canol Formation and Road River Group in the Swamp Zone; down dip of the thickest NiMo intersection discovered during the 2007 exploration program. Both drill sites were constructed by hand on natural ground cover using 6"x6" timbers and planks. Drill data for individual holes are listed in Table II and drill location and sections are found on Figures 7 and 8.



**SOUTHAMPTON VENTURES INC.
STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 6

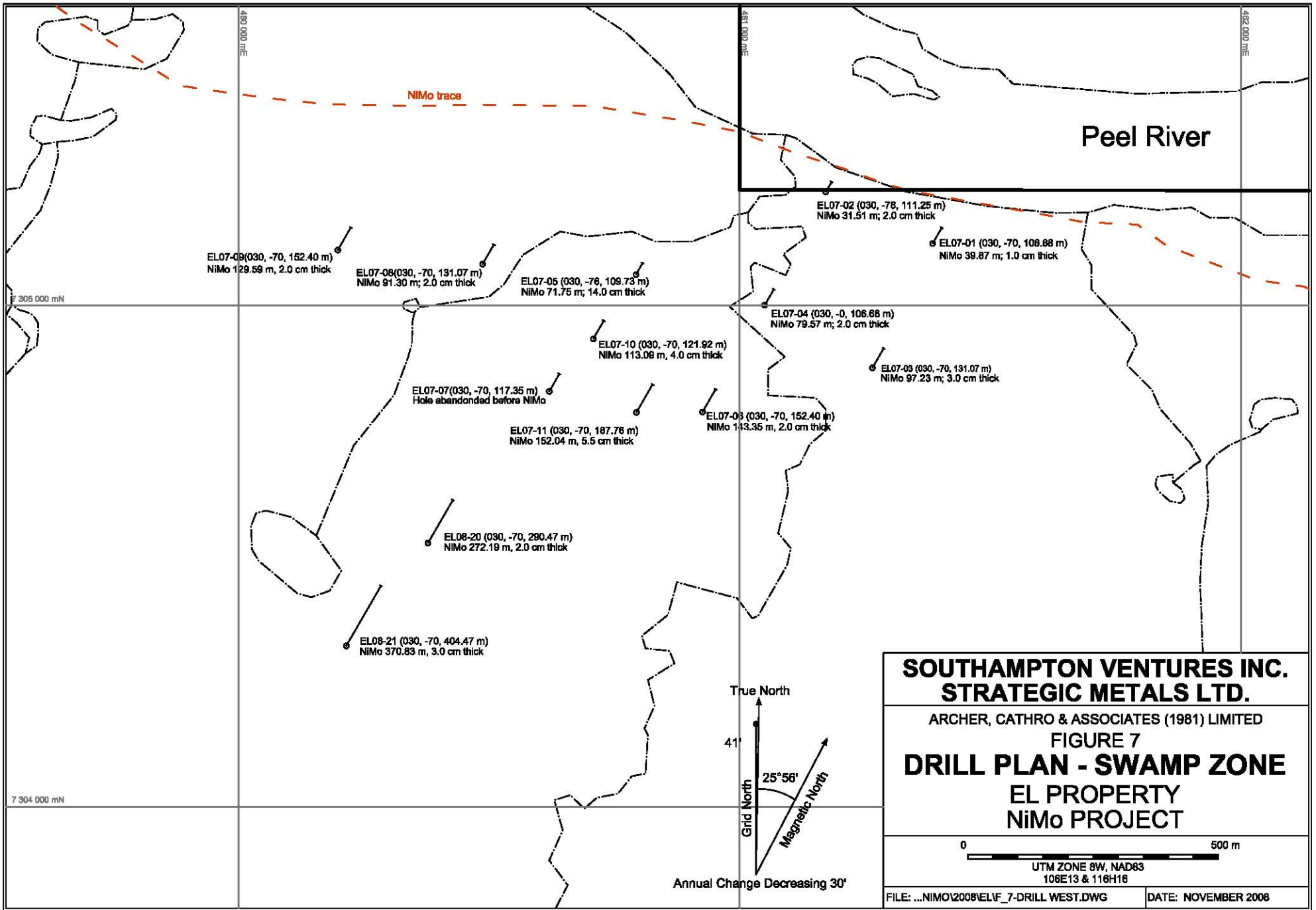
**SAMPLE LOCATIONS
EL PROPERTY
NiMo PROJECT**

0 3.0 km

UTM ZONE 8W, NAD83
106E13 & 116H16

FILE: ...2008/NIMO/EL/F_5-SAMP.DWG DATE: NOVEMBER 2008

- Rock sample
- ▲ 2007 diamond drill hole
- 2008 diamond drill hole
- 28 / Strike and dip of bedding
- Contact (known, inferred)
- - - Normal fault (known, inferred)
- ▲— Thrust fault
- - - * - - - Syncline (known, inferred)
- - - * - - - Anticline (known, inferred)



**SOUTHAMPTON VENTURES INC.
 STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FIGURE 7

**DRILL PLAN - SWAMP ZONE
 EL PROPERTY
 NiMo PROJECT**

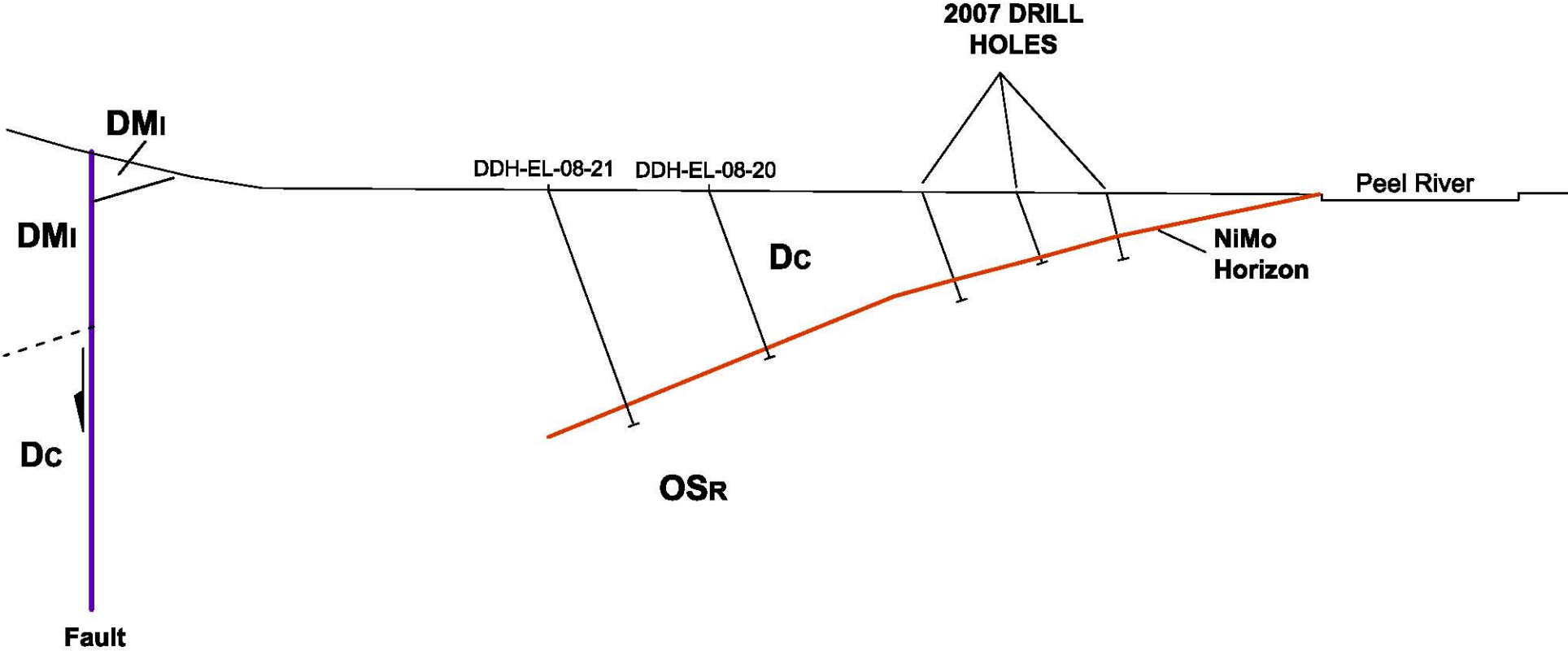
0 500 m

UTM ZONE 8W, NAD83
 106E13 & 116H18

FILE: ...NIMO\2008\ELV_7-DRILL WEST.DWG DATE: NOVEMBER 2008

SW

NE



- DMI Devonian-Mississippian Imperial Formation
 - Dc Devonian Canol Formation
 - OSR Ordovician to Silurian Road River Group
- } Earn Group

**SOUTHAMPTON VENTURES INC.
STRATEGIC METALS LTD.**

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Figure 8

**DRILL SECTION - SWAMP ZONE
EL PROPERTY
NiMo PROJECT**



UTM ZONE 8W, NAD83
106E13 & 116H18

Table II: Drill Hole Data

Hole	Easting	Northing	Elevation	Azimuth	Angle	Depth (m)
EL08-20	460378	7304526	324	030°	-70°	404.47
EL08-21	461172	7305227	324	030°	-70°	290.47

Core was transported from the drill sites to a logging area on the property, where recovery was measured and geological and geotechnical logging was performed. Geologically and mineralogically favourable intervals from each hole were then transported by helicopter to the Eagle Plains Lodge, and then to Whitehorse by truck where they were split in half. One half was sent for analysis and the remaining half was placed in storage. All other core is stored on the property. Appendix III contains the geological and geotechnical logs.

Core samples were transported from Eagle Plains to Whitehorse by truck, escorted by a representative of Archer Cathro. The split samples were then shipped to ALS Chemex in North Vancouver. Core samples were dried and crushed to 70% minus 2 mm, before a 1.5 kg split was taken and pulverized to better than 85% minus 75 microns. A split of the pulverized fraction was dissolved in four acid “near total digestion” mixture and analyzed for 49 elements using the inductively coupled plasma technique (ME-MS61m). Samples that exceed the upper detection for nickel, molybdenum and zinc were assayed (Ni-AA62, Mo-AA62 and Zn-AA62 respectively). Core samples were also analyzed for gold, platinum and palladium (PGM-ICP23). Due to the thinness and high grade nature of the NiMo horizon, the samples were first assayed for nickel, molybdenum and zinc then analyzed for gold, platinum and palladium to make sure there was enough material for key analyses. Core samples were also analyzed for rhenium (Re-MS42). Certificates of Analysis are found in Appendix II.

Results

Both diamond drill holes intersected shale belonging to the Canol Formation and the Road River Group.

In drill core, the Canol Formation shale is black, non-calcareous, and finely laminar. It is slightly to moderately weathered, fissile and somewhat friable. Barite rich nodules, phosphate rich nodules, cherty layers, micrite and carbonate laminae/beds are also present towards the lower contact. The Canol Formation also exhibits rare to common, thinly bedded, pyrite (?) rich laminae and lenses, as well as intermittent, finely laminar, non-fossiliferous, grey to black micritic limestone beds up to several centimetres thick.

The Road River Group is composed of calcareous, finely laminar, black shale that is distinguished from Canol Formation shale by its vigorous reaction with dilute hydrochloric acid. Discrete brecciated limestone balls commonly occur within 1 to 3 m of the Canol-Road River contact. Lower in the section, crinoid stem fragments are often found within limestone beds that exhibit a grainstone texture. The Road River Group also contains finely laminar, fine-grained sulphides (dominantly pyrite) as disseminations, bands, lenses and beds.

The NiMo horizon comprises very fine-grained, bronze-to-gold coloured, sulphide-rich laminae. Individual laminae range in thickness from < 1 mm up to about 2 mm. They are wavy and commonly exhibit a pinch-and-swell texture. Mild to moderate bioturbation and physical disruption of individual laminae is characteristic of the horizon. The thickness of the NiMo horizon in the 2008 holes was 2.0 cm (EL08-20) and 3.0 cm (EL08-21).

Except for their varying carbonate content, the Canol Formation and Road River Group are mineralogically similar. Geochemically they are also similar. Barium is often weakly enriched immediately above and/or below the contact, with a slight bias towards the footwall. Antimony typically ranges from 12 and 20 ppm in the Canol compared to 5 to 12 ppm in the Road River. Strontium also appears to differ between the two units. It typically ranges from 50 to 100 ppm in the Canol compared to 150 to 300 ppm in the Road River.

Significant results are summarized in Table IV.

Table III: Significant Diamond Drill Hole Intervals

Hole	From (m)	To (m)	Int. (m)	Ni (%)	Mo (%)	Zn (%)	Au (ppm)	Pt (ppm)	Pd (ppm)	Re (ppm)
EL08-20	272.19	272.21	0.02	3.22	0.163	0.52	0.108	0.167	0.098	19.2
EL08-21	370.83	370.86	0.03	0.86	0.137	0.22	0.035	0.064	0.035	8.9

DISCUSSION AND CONCLUSIONS

The nickel rich, NiMo horizon occurs at a predictable stratigraphic location and has demonstrated considerable lateral continuity. These factors coupled with the horizon's diverse metal suite and consistently high metal value makes it an attractive exploration target.

The NiMo horizon has been tested in two areas 6 km apart at the El property. Surface mapping and diamond drilling have successfully traced the horizon over a 2000 m strike length for a distance of 750 m down dip in one area (East Zone) and a 2000 m strike length for a distance of 1500 m down dip in the other area (Swamp Zone). The target remains open in three dimensions (it daylights to the north). The 2008 drilling focussed on testing the horizon down dip of the thickest 2007 intersection (in the Swamp Zone) to a distance of 1500 m down dip. Though it was once again intersected, it still has not been found near economic thickness. As a result no further work is recommended at this time.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Daniel Gregory, B.Sc., GIT.

REFERENCES

- Goodfellow, W.
2006 Personal communications.
- Héon, D
2006 Mineral Assessment of the Eagle Plain Study Area, Yukon; Yukon Geological Survey Open File 2006-3.
- Hulbert, L.J., Grégoire, D.C., Paktunc, D. and Carne, R.C.
1992 Sedimentary Nickel, Zinc, and Platinum-group-element Mineralization in Devonian Black Shales at the Nick Property, Yukon, Canada: A New Deposit Type; Exploration Mining Geology, Vol. 1, No. 1, pp 39-62.
- Norris, D.K.
1982a Geology, Hart River (116H), Yukon Territory; Geological Survey of Canada, Map 1527A.
1982b Geology, Wind River (106E), Yukon Territory; Geological Survey of Canada, Map 1528A.
- Osadetz, K.G., Chen, Z. and Bird, T.D.
2005 Petroleum Resource Assessment, Eagle Plain Basin and Environs, Yukon Territory, Canada; Yukon Geological Survey Open File 2005-2; Geological Survey of Canada Open File 4922.

APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Daniel Gregory, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. (Hons.) in Geology.
2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory.
3. I have personally participated in the fieldwork reported herein.

Daniel Gregory B.Sc., GIT

APPENDIX II
CERTIFICATES OF ANALYSIS



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 1
Finalized Date: 21-JUL-2008
Account: MTT

CERTIFICATE VA08078699

Project: NIMO EL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-JUN-2008.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-36	Pulverize 1.5 kg to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ni-OG62	Ore Grade Ni - Four Acid	VARIABLE
Ni-AA62	Ore grade Ni - four acid / AA	AAS
Zn-AA62	Ore grade Zn - four acid / AAS	AAS
Mo-AA62	Ore grade Mo - four acid / AA	AAS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
C386411		2.10	0.22	1.44	25.1	610	0.73	0.31	1.78	2.01	14.1	4.9	42	1.84	44.2	1.59
C386412		0.10	1.18	0.66	4040	360	0.38	0.88	9.23	24.5	39.5	119.5	34	1.07	177.5	20.5
C386413		0.34	0.37	6.75	99	560	3.54	0.22	6.05	3.06	42.4	16	87	11.9	59.8	3.56
C386414		0.82	0.11	1.25	19	2500	1.19	0.04	28.6	0.82	10.95	2.8	20	1.9	9.5	0.56
C386415		2.00	0.44	5.4	39.4	800	2	0.23	4.16	6.95	37.5	11.9	80	8.44	47.6	2.7
C386416		1.88	0.13	1.43	23.2	500	0.74	0.08	0.21	1.08	11.55	5.5	43	1.71	32.5	1.53
C386417		0.12	0.57	4.83	1050	550	2.74	0.42	0.5	8.76	32.1	36.4	79	6.83	100	9.71
C386418		1.82	0.15	2.3	19	370	1.43	0.06	22.1	1.99	17.25	5.1	33	3.2	17.5	1.07
C491965		3.22	0.12	0.07	<5	20	0.09	0.06	18.75	0.09	1.13	1.1	4	0.15	2	0.41



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
LOR		0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C386411		3.85	0.15	0.7	0.11	0.014	0.48	9.4	9.6	0.1	105	59.7	0.06	3.2	166
C386412		7.88	7.72	0.3	1.0	0.211	0.22	27.6	3.3	0.1	216	1760	0.03	1.2	>10000
C386413		25.6	0.48	2	0.19	0.049	2.36	25.6	14.8	0.51	131	110	0.08	10.4	550
C386414		3.86	0.09	0.4	0.04	0.008	0.42	8.8	3.2	1.17	187	7.42	0.03	1.9	28.4
C386415		15.1	0.2	1.6	0.19	0.052	1.99	22.6	12.2	0.82	145	52.5	0.07	8	211
C386416		3.69	0.15	0.7	0.12	0.009	0.51	6.8	8.9	0.08	69	58.9	0.05	3.1	185.5
C386417		19.3	1.71	1.6	0.25	0.11	1.73	15.7	9.8	0.38	134	1240	0.06	7.2	8010
C386418		7.17	0.13	0.7	0.06	0.021	0.84	12.6	5.8	0.39	146	19.05	0.04	3.5	83.6
C491965		0.24	<0.05	<0.1	<0.01	0.006	0.02	0.7	1	11.9	185	0.69	<0.01	0.2	7.9



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.005	0.02	0.1	
C386411		8.9	25.8	0.058	1.24	7.18	3.2	24	0.8	90.3	0.18	0.14	1.6	0.07	4.89	11.4
C386412		19.2	12.3	19.5	>10.0	158.5	5.2	>1000	4.4	299	0.08	13.7	1.1	0.029	266	30
C386413		13.4	155	0.65	3.74	18.75	10.7	106	1.9	122.5	0.62	0.48	6.4	0.29	16.1	16
C386414		2.6	28.3	0.01	0.7	2.28	3.9	9	0.4	554	0.11	0.06	1.1	0.051	1.55	3
C386415		11.8	123.5	0.074	2.93	11.9	10.1	26	1.8	170.5	0.5	0.1	5.4	0.239	7.83	8.6
C386416		5.4	26.5	0.061	1.24	5.26	3.2	24	0.6	64.2	0.17	0.09	1.6	0.073	5.26	11.9
C386417		16	106.5	7.67	>10.0	46	7.2	408	4	56.5	0.45	3.14	4.3	0.209	88.7	23.3
C386418		4.3	52.8	0.033	1.24	4.92	4.8	18	0.8	405	0.21	0.09	2.1	0.095	3.14	4.1
C491965		1.5	0.7	0.004	0.02	0.15	0.5	2	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	0.04	0.5



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	Ni-AA62	Zn-AA62	Mo-AA62	ME-MS42	PGM-ICP23	PGM-ICP23	PGM-ICP23
		V	W	Y	Zn	Zr	Ni	Ni	Zn	Mo	Re	Au	Pt	Pd
		ppm	ppm	ppm	ppm	ppm	%	%	%	%	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5	0.01	0.01	0.01	0.001	0.001	0.001	0.005	0.001
C386411		306	0.5	16.9	262	24.9		0.02	0.03	0.006	0.056	0.007	0.006	0.003
C386412		121	1.5	42.6	6090	14.5	3.22	3.20	0.52	0.163	19.20	0.108	0.167	0.098
C386413		1070	1.3	24.6	534	66.6		0.06	0.05	0.013	0.697	0.014	0.005	0.004
C386414		195	0.3	12	88	21.2		0.02	0.01	0.001	0.010	<0.001	<0.005	<0.001
C386415		1150	1	19.4	628	59.8		0.04	0.06	0.007	0.077	0.005	<0.005	0.003
C386416		240	0.5	9	278	24.3		0.02	0.03	0.006	0.054	0.003	<0.005	0.002
C386417		913	2.6	22.7	2230	51.9		0.86	0.22	0.137	8.94	0.035	0.064	0.035
C386418		377	0.4	19.7	208	29		0.02	0.02	0.002	0.031	0.003	<0.005	0.001
C491965		3	0.1	1	17	0.9		0.01	<0.01	<0.001	0.001	0.003	<0.005	<0.001



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NIMO EL

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 21-JUL-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.
Hg-CV41	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 1
Finalized Date: 21-JUL-2008
Account: MTT

CERTIFICATE VA08078699

Project: NIMO EL

P.O. No.:

This report is for 9 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-JUN-2008.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-36	Pulverize 1.5 kg to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Ni-OG62	Ore Grade Ni - Four Acid	VARIABLE
Ni-AA62	Ore grade Ni - four acid / AA	AAS
Zn-AA62	Ore grade Zn - four acid / AAS	AAS
Mo-AA62	Ore grade Mo - four acid / AA	AAS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
C386411		2.10	0.22	1.44	25.1	610	0.73	0.31	1.78	2.01	14.1	4.9	42	1.84	44.2	1.59
C386412		0.10	1.18	0.66	4040	360	0.38	0.88	9.23	24.5	39.5	119.5	34	1.07	177.5	20.5
C386413		0.34	0.37	6.75	99	560	3.54	0.22	6.05	3.06	42.4	16	87	11.9	59.8	3.56
C386414		0.82	0.11	1.25	19	2500	1.19	0.04	28.6	0.82	10.95	2.8	20	1.9	9.5	0.56
C386415		2.00	0.44	5.4	39.4	800	2	0.23	4.16	6.95	37.5	11.9	80	8.44	47.6	2.7
C386416		1.88	0.13	1.43	23.2	500	0.74	0.08	0.21	1.08	11.55	5.5	43	1.71	32.5	1.53
C386417		0.12	0.57	4.83	1050	550	2.74	0.42	0.5	8.76	32.1	36.4	79	6.83	100	9.71
C386418		1.82	0.15	2.3	19	370	1.43	0.06	22.1	1.99	17.25	5.1	33	3.2	17.5	1.07
C491965		3.22	0.12	0.07	<5	20	0.09	0.06	18.75	0.09	1.13	1.1	4	0.15	2	0.41



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Project: NIMO EL

Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	Hg-CV41	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
		0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C386411		3.85	0.15	0.7	0.11	0.014	0.48	9.4	9.6	0.1	105	59.7	0.06	3.2	166	210
C386412		7.88	7.72	0.3	1.0	0.211	0.22	27.6	3.3	0.1	216	1760	0.03	1.2	>10000	1000
C386413		25.6	0.48	2	0.19	0.049	2.36	25.6	14.8	0.51	131	110	0.08	10.4	550	440
C386414		3.86	0.09	0.4	0.04	0.008	0.42	8.8	3.2	1.17	187	7.42	0.03	1.9	28.4	320
C386415		15.1	0.2	1.6	0.19	0.052	1.99	22.6	12.2	0.82	145	52.5	0.07	8	211	350
C386416		3.69	0.15	0.7	0.12	0.009	0.51	6.8	8.9	0.08	69	58.9	0.05	3.1	185.5	200
C386417		19.3	1.71	1.6	0.25	0.11	1.73	15.7	9.8	0.38	134	1240	0.06	7.2	8010	490
C386418		7.17	0.13	0.7	0.06	0.021	0.84	12.6	5.8	0.39	146	19.05	0.04	3.5	83.6	410
C491965		0.24	<0.05	<0.1	<0.01	0.006	0.02	0.7	1	11.9	185	0.69	<0.01	0.2	7.9	190



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C386411		8.9	25.8	0.058	1.24	7.18	3.2	24	0.8	90.3	0.18	0.14	1.6	0.07	4.89	11.4
C386412		19.2	12.3	19.5	>10.0	158.5	5.2	>1000	4.4	299	0.08	13.7	1.1	0.029	266	30
C386413		13.4	155	0.65	3.74	18.75	10.7	106	1.9	122.5	0.62	0.48	6.4	0.29	16.1	16
C386414		2.6	28.3	0.01	0.7	2.28	3.9	9	0.4	554	0.11	0.06	1.1	0.051	1.55	3
C386415		11.8	123.5	0.074	2.93	11.9	10.1	26	1.8	170.5	0.5	0.1	5.4	0.239	7.83	8.6
C386416		5.4	26.5	0.061	1.24	5.26	3.2	24	0.6	64.2	0.17	0.09	1.6	0.073	5.26	11.9
C386417		16	106.5	7.67	>10.0	46	7.2	408	4	56.5	0.45	3.14	4.3	0.209	88.7	23.3
C386418		4.3	52.8	0.033	1.24	4.92	4.8	18	0.8	405	0.21	0.09	2.1	0.095	3.14	4.1
C491965		1.5	0.7	0.004	0.02	0.15	0.5	2	<0.2	52.3	<0.05	<0.05	<0.2	<0.005	0.04	0.5



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21-JUL-2008
 Account: MTT

Project: NIMO EL

CERTIFICATE OF ANALYSIS VA08078699

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ni-OG62	Ni-AA62	Zn-AA62	Mo-AA62	ME-MS42	PGM-ICP23	PGM-ICP23	PGM-ICP23
		V	W	Y	Zn	Zr	Ni	Ni	Zn	Mo	Re	Au	Pt	Pd
		ppm	ppm	ppm	ppm	ppm	%	%	%	%	ppm	ppm	ppm	ppm
		1	0.1	0.1	2	0.5	0.01	0.01	0.01	0.001	0.001	0.001	0.005	0.001
C386411		306	0.5	16.9	262	24.9		0.02	0.03	0.006	0.056	0.007	0.006	0.003
C386412		121	1.5	42.6	6090	14.5	3.22	3.20	0.52	0.163	19.20	0.108	0.167	0.098
C386413		1070	1.3	24.6	534	66.6		0.06	0.05	0.013	0.697	0.014	0.005	0.004
C386414		195	0.3	12	88	21.2		0.02	0.01	0.001	0.010	<0.001	<0.005	<0.001
C386415		1150	1	19.4	628	59.8		0.04	0.06	0.007	0.077	0.005	<0.005	0.003
C386416		240	0.5	9	278	24.3		0.02	0.03	0.006	0.054	0.003	<0.005	0.002
C386417		913	2.6	22.7	2230	51.9		0.86	0.22	0.137	8.94	0.035	0.064	0.035
C386418		377	0.4	19.7	208	29		0.02	0.02	0.002	0.031	0.003	<0.005	0.001
C491965		3	0.1	1	17	0.9		0.01	<0.01	<0.001	0.001	0.003	<0.005	<0.001



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NIMO EL

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 21-JUL-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08078699

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.
Hg-CV41	Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page: 1
Finalized Date: 30-JUN-2008
Account: MTT

CERTIFICATE VA08078802

Project: NIMO EL

P.O. No.:

This report is for 3 Rock samples submitted to our lab in Vancouver, BC, Canada on 9-JUN-2008.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: STRATEGIC METALS LTD.
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NIMO EL

Page: 2 - A
Total # Pages: 2 (A - C)
Finalized Date: 30-JUN-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08078802

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	
		0.02	0.2	0.01	2	10	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
C491951		0.36	1.7	0.73	26	10	50	0.5	2	0.08	<0.5	2	8	36	4.11	<10	
C491952		0.56	0.4	0.29	2	<10	200	<0.5	2	0.56	<0.5	<1	6	4	0.33	<10	
C491953		1.08	0.9	0.50	1840	<10	30	<0.5	<2	0.79	5.8	76	15	172	16.7	<10	



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981)
LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Project: NIMO EL

Page: 2 - B
Total # Pages: 2 (A - C)
Finalized Date: 30-JUN-2008
Account: MTT

CERTIFICATE OF ANALYSIS VA08078802

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	20
C491951		<1	0.30	<10	0.06	24	3	0.01	24	190	17	4.44	4	2	24	<20
C491952		1	0.11	<10	0.11	15	27	0.01	10	10	8	0.89	5	<1	48	<20
C491953		2	0.16	<10	0.03	57	907	0.01	>10000	3350	19	>10.0	87	2	72	<20



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
 1016-510 W HASTINGS ST
 VANCOUVER BC V6B 1L8

Page: 2 - C
 Total # Pages: 2 (A - C)
 Finalized Date: 30-JUN-2008
 Account: MTT

CERTIFICATE OF ANALYSIS VA08078802

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Ti	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
C491951		<0.01	<10	<10	38	<10	27
C491952		<0.01	<10	<10	89	<10	22
C491953		<0.01	90	30	104	<10	2810

APPENDIX III
ROCK SAMPLE DESCRIPTIONS

Rock Sample DescriptionsProject: NiMoProperty: EI

Sample Number: C491951 Grid East: 456946 E Grid North: 7308192 N Type: chip Dimension:
UTM: 456946 E UTM: 7308192 N Sample Width: 24 cm Abundance:
Elevation: m

Comments: Med gy gauge with 1x8cm oval cherty concretions within centre of gauge.

Sample Number: C491952 Grid East: 456687 E Grid North: 7308142 N Type: chip Dimension:
UTM: 456687 E UTM: 7308142 N Sample Width: 10 cm Abundance:
Elevation: m

Comments: blk calcareous gauge.

Sample Number: C491953 Grid East: 457594 E Grid North: 7308287 N Type: chip Dimension:
UTM: 457594 E UTM: 7308287 N Sample Width: 4 cm Abundance:
Elevation: m

Comments: Drk gy fetid highly limonitic non-bedded slightly gaugey horizon between Canol formation above limonitic horizon within Canol.

Sample Number: Grid East: E Grid North: N Type: Dimension:
UTM: E UTM: N Sample Width: Abundance:
Elevation: m

Comments:

Sample Number: Grid East: E Grid North: N Type: Dimension:
UTM: E UTM: N Sample Width: Abundance:
Elevation: m

Comments:

Sample Number: Grid East: E Grid North: N Type: Dimension:
UTM: E UTM: N Sample Width: Abundance:
Elevation: m

Comments:

APPENDIX IV

**GEOLOGICAL AND GEOTECHNICAL
DIAMOND DRILL HOLE LOGS**

PROPERTY: EI

HOLE: DDH-EI08-20

Struct.		LITHOLOGY							Notes:	ALT.		MINERALS		SAMPLES					Blocks			GEOTECHNICAL					JOINTS						
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier				From (m)	To (m)	Interval (m)	Sample			From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling		
																					(m)	Percent	(m)	Percent									
		0	19.2	19.2		OVBD											0.00	10.10	10.10	1.10	0.11	0.00	0	3	ES								
																	10.10	12.50	2.40	0.16	7	0.00	0	3	ES								
																	12.50	14.30	1.80	0.50	28	0.00	0	3	ES								
																	14.30	18.30	4.00	0.10	3	0.00	0	3	ES								
																	18.30	19.20	0.90	0.08	9	0.00	0	3	ES								
bed	68	19.2	26.8	7.6		Dme					x clay					19.20	23.20	4.00	0.40	10	0.00	0	2	VW									
																23.20	25.30	2.10	1.00	48	0.00	0	2	VW									
																25.30	26.80	1.50	0.60	40	0.00	0	3	VW									
bed	70	26.8	33.2	6.4		Dme					w clay					26.80	28.30	1.50	1.50	100	0.00	0	6	W									
																28.30	31.40	3.10	3.10	100	1.08	35	7	w		5.8	75	3	2	a			
																31.40	34.40	3.00	3.00	100	0.98	33	7	w		8.3	75	3	2	a			
bed	66	33.2	40.35	7.15		Dme					t clay					34.40	37.40	3.00	3.00	100	1.44	48	9	w		6.7	75	3	2	a			
																37.40	40.50	3.10	3.10	100	1.06	34	9	w		8.1	75	2	2	a			
bed	68	40.35	52.25	11.9		Dme					t clay					40.50	43.60	3.10	3.06	99	1.06	34	8	w		7.5	75	2	2	a			
																43.60	46.60	3.00	3.00	100	0.74	25	8	w		9.3	75	2	2	a			
																46.60	49.70	3.10	2.16	70	0.30	10	8	w		12	75	2	2	a			
																49.70	52.70	3.00	2.70	90	0.90	30	8	w		9.3	75	2	2	a			
v	50	52.25	56.58	4.33		Dme					t clay					52.70	55.80	3.10	1.14	37	0.00	0	5	w		7	75	2	2	a			
f(?)	50																																
v	50	56.58	61.9	5.32		Dme					w-m clay					55.80	58.80	3.00	2.32	77	0.34	11	5	w		7.8	75	2	2	a			
																58.80	61.90	3.10	1.31	42	0.00	0	5	w		12	75	2	2	a			
bed	80	61.9	67.25	5.35		Dme										61.90	64.90	3.00	3.08	100	1.06	35	9	w		8.4	75	3	2	a			
											pyrite					64.90	68.00	3.10	2.90	94	0.00	0	7	w		8.6	75	3	2	a			

PROPERTY: EI

HOLE: DDH-EI08-20

Struct.		LITHOLOGY							ALT.		MINERALS		SAMPLES				Blocks			GEOTECHNICAL				JOINTS				
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:		From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	REC (m)	Percent	RQD (m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
bed	88	127	134.3	7.36		Dme			dark grey cherty siltstone. Hard. T disseminated pyrite - every 0.5-1 m 2mm wide pyrite bands. Non-calcareous.				pyrite				125.90	129.00	3.10	3.03	98	1.07	35	8 w	8.9	75	2	2 a
																	129.00	132.00	3.00	3.00	100	0.57	14	7 w	13	75	2	2 a
																	132.00	135.00	3.00	3.00	100	0.42	14	6 w	12	75	2	2 a
bed	88	134.3	140.6	6.25		Dme			dark grey cherty siltstone; hard with t pyrite bands (1 1-2mm wide band every 1-2m) non-calcareous. Bedding 2-3.				pyrite				135.00	138.10	3.10	3.10	100	0.30	10	6 w	15	75	2	2 a
f(?)	?	140.6	140.8	0.25		Dme			dark grey cherty siltstone. Hard. Heavily fractured, fault zone? Non-calcareous								138.10	141.10	3.00	2.80	93	0.36	12	6 w	11	75	2	2 a
bed	88	140.8	148.6	7.79		Dme			dark grey cherty siltstone. Mod fractured (6cm long pieces). T disseminated pyrite and 2-3mm pyrite bands along bedding every 15-30 cm. Non-calcareous.				pyrite				141.10	144.20	3.10	3.04	98	1.34	43	8 w	10	75	2	2 a
bed	88	148.6	152.2	3.6		Dme			dark grey cherty siltstone. Hard. Mod fracture (6cm long pieces). W-t disseminated pyrite in blebs that follow bedding. Non-calcareous.				pyrite				144.20	147.20	3.00	2.78	93	0.36	12	6 w	12	75	2	2 a
																	147.20	150.30	3.10	2.94	95	0.54	17	7 w	13	75	2	2 a
																	150.30	153.30	3.00	2.89	96	0.47	16	7 w	14	75	2	2 a
bed	86	152.2	186.5	34.3		Dme			dark grey cherty siltstone. T disseminated pyrite and 1-2mm pyrite bands along bedding every 15-30 cm. Pyrite bands exhibit "wiggles" due to soft sediment deformation. Hard. 1-2mm wide calcite bands along bedding every 1.5m. Calcite not present below 171.1m. Near bottom of interval soft sediment def. not present and pyrite bands occur in groups of 2-3. Non-calcareous, except for calcite bands.				pyrite				153.30	156.40	3.10	2.77	89	1.32	43	8 w	9.4	75	2	2 a
																	156.40	159.40	3.00	2.90	97	1.05	35	8 w	10	75	2	2 a
																	159.40	162.50	3.10	2.84	92	0.49	16	7 w	14	75	2	2 a
																	162.50	165.50	3.00	3.23	108	0.70	23	7 w	13	80	2	2 a
																	165.50	168.60	3.10	2.76	89	1.01	33	8 w	12	80	2	2 a
																	168.60	171.60	3.00	3.32	111	1.18	39	8 w	9.9	80	2	2 a
																	171.60	174.70	3.10	2.92	94	0.68	22	7 w	7.2	80	2	2 a
																	174.70	177.70	3.00	3.00	100	1.23	41	8 w	9.3	80	2	2 a
																	177.70	180.80	3.10	3.03	98	2.04	66	10 w	5.6	80	2	2 a
																	180.80	183.80	3.00	3.00	100	1.18	39	8 w	10	80	2	2 a
																	183.80	186.60	2.80	3.00	100	2.26	75	12 w	5.3	80	2	2 a
		186.5	188.8	2.3		Dme			dark grey cherty siltstone. T 1mm pyrite bands along bedding. Hard. Non-calcareous.				pyrite				186.80	189.90	3.10	2.85	92	2.01	65	10 w	5.3	85	2	2 a
bed	85	188.8	199.4	10.58		Dme			dark grey cherty siltstone with t-w disseminated. Pyrite (~0.5%) and pyrite beds 0.5 to 3mm wide irregularly spaced every 10 to 30 cm. Med-high hardness.				pyrite				189.90	192.90	3.00	3.00	100	1.78	59	10 w	6	85	2	2 a
																	192.90	196.00	3.10	2.86	92	1.14	37	8 w	6.3	85	2	2 a
																	196.00	199.00	3.00	3.00	100	2.68	89	14 w	4	85	2	2 a

PROPERTY: EI

HOLE: DDH-EI08-21

Struct.		LITHOLOGY						Notes:	ALT.				MINERALS				SAMPLES				Blocks			GEOTECHNICAL					JOINTS						
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier									From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	REC (m)	Percent	RQD (m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
bed	87	20	29	9		DMe			dark grey heavily fractured cherty siltstone	m clay									0.00	20.40	20.40		0.05				HW	W							A
																			20.40	23.50	3.10	0.10					HW	VW						A	
																			23.50	26.50	3.00	0.46					HW	VW						A	
bed	87	29	29.45	0.45		DMe			dark grey mod. fractured cherty siltstone	m clay									26.50	29.60	3.10	1.73	56	0.00	0	MW	VW								A
f	50	29.45	29.65	0.2		DMe			m grey fine grained gauge (fault?)										29.60	32.60	3.00	1.32	44	0.38	29	SW	W	2	5	5	4	A			
									white quartz breccia ~65% sugary white quartz matrix with angular Dme cherty shale clasts actively being ripped up from wall rock.																										
		29.65	29.74	0.09		DMe													29.74	48.3	18.56														
bed	75	29.74	48.3	18.56		DMe			dark grey mod fractured cherty shale	m clay									32.60	35.70	3.10	1.95	63	0.62	32	SW	W	6	5	3	3	A			
																			35.70	38.70	3.00	2.12	71	0.48	23	SW	W	6	5	3	3	A			
																			38.70	41.80	3.10	2.31	75	1.04	45	SW	W	3	5	3	3	A			
																			41.80	44.80	3.00	2.65	88	0.91	34	SW	W	4	5	3	3	A			
																			44.80	47.90	3.10	2.38	77	1.25	53	SW	W	3	5	3	3	A			
bed	75	48.3	48.95	0.65		DMe			interbedded dark grey siltstone and brown/grey siltstone ~ 60% brown/grey siltstone with gradational contacts between beds.	m clay									47.90	50.90	3.00	2.58	86	1.06	41	SW	W	3	5	3	3	A			
f (?)		48.95	63.1	14.15		DMe			heavily fractured nd gaugey dark grey cherty shale, possible fault zone?	m clay									50.90	54.00	3.10	1.95	63	0.65	33	SW	W	5	5	3	3	A			
																			54.00	57.00	3.00	2.64	88	0.34	13	SW	W	5	5	3	3	A			
																			57.00	60.10	3.10	1.10	35	0.00	0	SW	W	7	5	3	4	A			
																			60.10	63.10	3.00	1.37	46	0.00	0	SW	W	2	5	3	4	A			
bed	65	63.1	87.33	24.23		DMe			interbedded dark grey siltstone and brown/grey siltstone ~ 60% brown/grey siltstone with gradational contacts between beds. Grey siltstone more prevalent near bottom of the interval (dark grey siltstone up to 60%). @ 82.4m 3 1mm wide quartz stringers.	m clay									63.10	66.10	3.00	2.50	83	0.53	21	FR	W	2	5	3	3	A			
v	40																		66.10	69.20	3.10	1.50	48	0.73	49	FR	W	2	15	3	3	A			
																			69.20	72.20	3.00	1.34	45	0.23	17	FR	W	4	15	3	3	A			
																			72.20	75.30	3.10	2.80	90	0.82	29	FR	W	1	15	3	3	A			
																			75.30	78.30	3.00	3.00	100	2.55	85	FR	W	2	15	3	3	A			
																			78.30	81.40	3.10	3.04	98	2.62	86	FR	W	2	15	3	3	A			
																			81.40	84.43	3.05	2.54	85	1.87	74	FR	W	3	15	3	3	A			
																			84.43	87.48	3.05	2.81	92	1.60	57	FR	W	2	15	3	3	A			
bed	70	87.3	101.1	13.81		DMe			Interbedded dark grey and grey/brown cherty siltstone (~90% dark grey siltstone). 5mm quartz stringers @ 88.20m, 90.87m, 95.82m.	m clay									87.48	90.53	3.04	2.63	86	1.73	66	FR	W	2	15	3	3	A			
v	65																		90.53	93.57	3.05	0.94	31	0.14	15	FR	W	2	15	3	3	A			
																			93.57	96.62	3.05	2.56	84	1.29	50	FR	W	2	15	3	3	A			
																			96.62	99.67	3.05	1.07	35	0.77	72	FR	W	6	15	3	3	A			
																			99.67	102.72	3.05	2.89	95	1.22	42	FR	W	3	15	3	3	A			

PROPERTY: EI

HOLE: DDH-EI08-21

Struct.		LITHOLOGY						Notes:	ALT.				MINERALS				SAMPLES				Blocks			GEOTECHNICAL					JOINTS									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier									From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	REC (m)	Percent	RQD (m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling			
bed v	50 80	101.1	108.8	7.7		DMe			Interbedded dark grey and grey/brown cherty siltstone (~80% dark grey/brown siltstone). 2mm quartz stringers @ 106.29m.																													
bed v	70 80	108.8	119.6	10.79		DMe			Interbedded med grey/brown, dark grey and black cherty siltstones. Med grey/brown siltstone occurs in 1-2 cm wide beds ~ 5% of rock and is most prevalent near top of the interval. black cherty siltstone makes up ~5% of rock and occurs in 1-2mm beds. Rest is dark grey siltstone. 1-2mm wide quartz vein occurs @ 118.75m.																													
		119.6	125.6	6.02		DMe			dark grey cherty siltstone. Non-calcareous																													
bed v	75 70	125.6	129.2	3.55		DMe			dark grey cherty siltstone. Non-calcareous. Med brown siltstone bands/nodules 2-3cm thick ~ every 0.5m. 0.5 cm quartz bands associated with brown siltstone, dipping with bedding.																													
		129.2	134.8	5.6		DMe			dark grey cherty siltstone. Non-calcareous. @ 131.21 quartz vein 1 cm wide																													
bed	83	134.8	142	7.2		DMe			dark grey cherty siltstone with 1% 1mm wide black siltstone beds. Non-calcareous																													
bed	80	142	146.2	4.22		DMe			dark grey cherty siltstone with t 1-2 mm wide black bands. Non-calcareous																													
bed	75	146.2	148.5	2.35		DMe			dark brown/grey cherty siltstone with t 1-2 mm wide black bands and 4-6 cm wide med brown bands every 1 m. Non-calcareous																													
bed	70	148.5	157	8.46		DMe			dark grey cherty siltstone with minor 1.5-3 cm wide brown siltstone bands, ~2 per 1 m. Minor 1-2 mm black beds. Non-calcareous.																													

PROPERTY: EI

HOLE: DDH-EI08-21

Struct.		LITHOLOGY						Notes:	ALT.			MINERALS			SAMPLES				Blocks			GEOTECHNICAL					JOINTS					
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier										From (m)	To (m)	Intvl. (m)	REC (m)	Percent	RQD (m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
bed	80	157	164	7		DMe			dark grey cherty siltstone with minor 1-2 mm wide black beds. Non-calcareous. @ 163.25 over 5 cm 1-2 mm quartz stringer veins. @ 160.71 3 mm quartz veins 2 cm apart with quartz breccia between; ~ 15% white quartz matrix surrounded by 85% angular cherty clasts. Non-calcareous	w	clay						157.17	160.21	3.04	3.45	113	1.75	51	FR	W	5	15	3	3	A		
v	60																160.21	163.25	3.04	2.68	88	0.64	24	FR	W	9	15	3	2	A		
		164	164.4	0.4		DMe			dark grey cherty siltstone with 1.5-3 cm diameter med brown nodules. Non-calcareous	w	clay						163.25	166.29	3.04	2.95	97	2.25	76	FR	W	2	15	3	2	A		
bed	60	164.4	169.1	4.71		DMe			dark grey cherty siltstone with minor black 1-5 mm wide bands. Black material filling fractures. Possible soft sediment deformation. Non-calcareous	w	clay						166.29	169.33	3.04	2.85	94	1.81	64	FR	W	3	15	3	2	A		
v	50	169.1	173.5	4.4		DMe			interbedded 40% dark grey siltstone and 60% brown/grey siltstone with beds usually 2-3 mm wide but up to 5 cm. Non-calcareous. 2 mm wide quartz veins @ 169.35 m (dip 60) and 169.44 m (dip 30). 2.1 cm wide quartz veins @ 169.60 m (dip 45) and 169.65 m (dip 60). 1mm quartz vein @ 170 m (dip 40) at bottom of interval % brown/grey siltstone decreases to 20%.	w	clay						169.33	172.37	3.04	2.92	96	1.83	63	FR	W	4	15	3	2	A		
v	40																															
v	45																															
v	60																															
v	40																															
v	80	173.5	176.1	2.54		DMe			dark grey cherty siltstone. Non-calcareous. 0.5cm wide quartz vein @ 174.01, 174.47 and 174.52 (dip 80). 0.5 cm wide quartz vein @ 175.31 (dip 40). Quartz stringers (1-2 mm wide) @ 175.41 and 175.46 (dip 80)								172.37	175.41	3.04	2.68	88	1.32	49	FR	W	3	15	3	3	A		
v	40																															
		176.1	177.6	1.54		DMe			Gaugey, highly broken dark grey siltstone (fault?)								175.41	178.45	3.04	2.36	78	1.03	44	FR	W	3	15	3	3	A		
f	20	177.6	178.3	0.71		DMe			Quartz breccia with 60% matrix with 40% sub rounded dark grey siltstone clasts. Bottom margin contains 1 cm band of 100% quartz.								178.45	181.47	3.02	2.54	84	0.89	35	FR	W	4	15	3	3	A		
bed	65	178.3	180.1	1.75		DMe			dark grey cherty siltstone with possible soft sediment deformation? Non-calcareous.	m	clay																					
		180.1	182.1	2.04		DMe			dark grey cherty siltstone with 5% erratic 1-2 mm thick quartz veins. Non-calcareous.	m	clay						181.47	184.53	3.06	2.68	88	0.57	21	FR	W	5	15	3	3	A		

PROPERTY: EI

HOLE: DDH-EI08-21

Struct.		LITHOLOGY						Notes:	ALT.			MINERALS			SAMPLES				Blocks			GEOTECHNICAL					JOINTS				
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier										From (m)	To (m)	Intvl. (m)	REC	RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																						(m)	Percent	(m)							
bed	88	223.5	226.2	2.65		DMe			dark grey cherty siltstone with t disseminated pyrite and 5 mm wide pyrite bands every 10-20 cm. Non-calcareous.			pyrite						224.05	227.09	3.04	2.90	95	1.31	45	FR	W	7	5	2	2	A
bed	88	226.2	229.7	3.51		DMe			dark grey cherty siltstone with 1% blebby (1-2 mm diameter blebs) pyrite and 0.5 cm wide pyrite bands every ~50 cm at the end of the interval 3 mm wide calcite band. Non-calcareous.			pyrite						227.09	230.13	3.04	2.89	95	0.91	32	FR	W	10	5	2	2	A
bed	88	229.7	240.1	10.45		DMe			dark grey cherty siltstone with ~0.5% blebby pyrite and 1-2 mm wide pyrite beds ~ every 50 cm with beds more prevalent near bottom of interval and where they increase to 5 mm thick. Non-calcareous			pyrite						230.13	233.17	3.04	2.86	94	0.64	22	FR	W	12	5	2	2	A
																		233.17	236.21	3.04	2.85	94	0.56	20	FR	W	10	5	2	2	A
																		236.21	239.25	3.04	2.83	93	0.94	33	FR	W	8	5	2	2	A
bed	87	240.1	245.1	4.96		DMe			dark grey cherty siltstone 5% blebby pyrite with 3 mm wide pyrite beds every 1 m and 1mm wide calcite beds every 2 m. Non-calcareous.			pyrite						239.25	242.29	3.04	2.87	94	1.06	37	FR	W	7	5	2	2	A
																		242.29	245.33	3.04	2.90	95	0.43	15	FR	W	14	5	2	2	A
bed	87	245.1	246.2	1.17		DMe			dark grey cherty siltstone with t disseminated pyrite and rare 0.5 mm wide pyrite beds. Non-calcareous.			pyrite						245.33	248.37	3.04	2.98	98	0.41	14	FR	W	12	5	2	2	A
bed	87	246.2	252.1	5.86		DMe			dark grey cherty siltstone with ~0.5% disseminated pyrite and 1-2 mm wide pyrite beds every 10 cm and rare calcareous beds.			pyrite						248.37	251.41	3.04	2.83	93	0.42	15	FR	W	15	5	2	2	A
bed	88	252.1	255.1	3.02		DMe			dark grey cherty siltstone with ~0.5% disseminated pyrite. Non-calcareous.			pyrite						251.41	255.12	3.71	2.94	79	0.23	6.2	FR	W	10	0	2	2	A
bed	89	255.1	259.3	4.22		DMe			dark grey cherty siltstone with ~1-2% disseminated pyrite and thin <50% pyrite beds (0.5-1 mm) occur ~ every 10-20cm. Minor (1%) quartz veining (~1 mm wide & 1 cm long) occurs from 257.14-254.30m and 258.66-258.78m. Non-calcareous. Bedding shows evidence of minor soft sediment deformation.			pyrite						255.12	258.16	3.04	3.01	99	1.57	52	FR	W	7	0	2	2	A
bed	88	259.3	264.4	5.05		DMe			dark grey cherty siltstone with trace disseminated pyrite and rare <1mm wide pyrite beds. Non-calcareous. Minor soft sediment deformation.			pyrite						258.16	261.21	3.05	3.04	100	1.49	49	FR	W	8	0	2	2	A
																		261.21	264.26	3.05	2.96	97	0.64	21	FR	W	12	0	2	2	A

PROPERTY: EI

HOLE: DDH-EI08-21

Struct.		LITHOLOGY						Notes:	ALT.				MINERALS				SAMPLES				Blocks			GEOTECHNICAL						JOINTS				
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier									From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	REC	RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																						(m)	Percent	(m)	Percent									
bed	88	264.4	268.1	3.7		DMe			dark grey cherty siltstone with <1% disseminated pyrite and pyrite beds (0.25-2mm wide) -every 10-20 cm; usually as continuous beds but sometimes as a group of non-connected blebs in a plane. Rare quartz veins parallel to bedding (1-4mm wide). Minor soft sediment deform. Non-calcareous.					pyrite					264.26	267.31	3.05		3.05	100	1.20	39	FR	W	8	0	2	2	A	
bed	89	268.1	268.2	0.14		DMe			med-dark grey cherty siltstone with t disseminated pyrite. Calcareous.					pyrite					267.31	270.36	3.05		2.98	98	1.29	42	FR	W	11	0	2	2	A	
																			270.36	273.41	3.05		2.89	95	1.76	58	FR	W	10	0	2	2	A	
bed	88	268.2	272.9	4.64		DMe			dark grey cherty siltstone with ~0.5-1% disseminated pyrite and rare pyrite beds. Minor quartz veining (1-2 mm wide quartz vein parallel to bedding; ~1 per 1m). Non-calcareous.					pyrite					273.41	276.45	3.04		2.92	96	0.88	29	FR	W	5	0	2	2	A	
bed	88	272.9	277.1	4.25		DMe			dark grey cherty siltstone with ~0.5-1% disseminated pyrite with 0.5 mm wide pyrite bands every 50 cm. Non-calcareous.					pyrite																				
bed	88	277.1	282.1	5.01		DMe			dark grey cherty siltstone with 1-2% disseminated pyrite and 0.5-1 mm wide pyrite bands ~1 every 5 cm (though tend to cluster in groups every 25-75 cm apart). Non-calcareous.					pyrite					276.45	279.50	3.05		3.05	100	2.09	69	FR	W	4	0	2	2	A	
																			279.50	282.35	2.85		2.93	103	2.00	70	FR	W	3	0	2	2	A	
bed	88	282.1	287.5	5.4		DMe			dark grey cherty siltstone with ~1% disseminated pyrite with 0.5-3 mm wide pyrite bands every 20-40 cm (though some cluster together). Thinner beds show evidence of soft sediment deformation. 1 quartz vein (3mm wide) parallel to bedding @287.26m. Non-calcareous.					pyrite					282.35	285.60	3.25		2.60	80	0.69	21	FR	W	7	0	2	2	A	
																			285.60	288.65	3.05		3.00	98	2.46	81	FR	W	4	0	2	2	A	
bed	89	287.5	289.3	1.81		DMe			dark grey cherty siltstone with t disseminated pyrite and rare pyrite bands. Non-calcareous.					pyrite					288.65	291.69	3.04		2.87	94	1.56	51	FR	W	6	0	2	2	A	
bed	88	289.3	304.6	15.22		DMe			dark grey cherty siltstone with 1% disseminated pyrite and 1-4mm wide pyrite bands ~1 every 15 cm. Non-calcareous. @190.44 m a 0.5cm wide calcite vein parallel to bedding @ 299.63-300.04 m a 1mm wide calcite vein @ 10 degrees, offset - 0.4mm by pyrite beds.					pyrite					291.69	294.74	3.05		3.01	99	2.00	66	FR	W	4	0	2	2	A	
																			294.74	297.79	3.05		3.02	99	2.21	72	FR	W	4	0	2	2	A	
																			297.79	300.84	3.05		2.93	96	2.28	75	FR	W	4	0	2	2	A	
																			300.84	303.89	3.05		3.04	100	2.15	70	FR	W	4	0	2	2	A	
fault?		304.6	304.8	0.24		DMe			ground-up grey cherty shale gauge.										303.89	306.93	3.04		2.97	98	1.04	34	FR	W	6	0	2	2	A	

