Province of British Columbia

Ministry of Employment and Investment
GEOLOGICAL SURVEY BRANCH

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: DIAMOND DRILLING

TOTAL COST: $ 108,058.25

AUTHOR(S): DAVID L. PIGHIN SIGNATURE(S): Dave L Pighin

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D. L. PIGHIN GEOSCIENTIST

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2006

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S):

PROPERTY NAME: MONROE

CLAIM NAME(S) (on which work was done): TENURE NO's 503798 & 505849

COMMODITIES SOUGHT: Pb, Zn, & Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: FORT STEELE NTS: 82 G/SW

LATITUDE: 49° 23' LONGITUDE: 115° 51' (at centre of work)

OWNER(S)

1) PETER KLEWCHUCK 2)

MAILING ADDRESS

1-200 NORTH AVE
KIMBERLEY B.C.
V1A 1X9

OPERATOR(S) [who paid for the work]

1) ST EUGENE MINING CORPORATION LTD. 2)

MAILING ADDRESS

701-675 West Hastings St.
VANCOUVER B.C.
V6B 1N2

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

The Property is underlain by Precambrian Helikian age fine-grained clastic Sediments of the Aldridge and Kitchener Formations intruded by Precambrian Helikian aged gabbro sills and dykes. The Moyie Fault a major regional fault thrusts the Aldridge Fm over the Kitchener F.M. The mineralization consists of massive and disseminated, galena, sphalerite, Arsenopyrite and Pyrrhotite.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (Incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	562.1 M in 6 Holes	TENURE NO. 503798 & 505849	$108,058.25
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$108,058.2

ST. EUGENE MINING CORP. LTD.

ASSESSMENT REPORT

DIAMOND DRILL HOLES M06-1 TO M06-6

MONROE PROPERTY

Fort Steele Mining District
Monroe Lake Area
NTS 82G/SW
Latitude: 49° 21' 6" N
Longitude: 115° 54' 9" W

OWNER

Peter Klewchuk
1 – 200 Norton Avenue
Kimberley, British Columbia
V1A 1X9

OPERATOR

St. Eugene Mining Corp. Ltd.
701 – 675 West Hastings Street
Vancouver, British Columbia
V6B 1N2

Work performed from October 8, 2006 to October 22, 2006

Reported by
David L. Pighin, P. Geo.

May 2007

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ST. EUGENE MINING CORP. LTD.

ASSESSMENT REPORT ON SIX DIAMOND DRILL HOLES

MONROE PROPERTY
Fort Steele Mining Division

David L. Pighin, P. Geo. May 2007

1.00 INTRODUCTION

1.10 Location and Access

The Monroe property is located approximately 18 km southwest of Cranbrook, British Columbia. The claim block is generally centered around 49° 21' 6" N and 115° 54' 9" W, located on NTS sheet 82G/SW. (Figures 1 and 2).

Access to the property is via Highway 3/95 for 20 km south of Cranbrook, British Columbia, then turn west on the Monroe lake and Lamb creek logging roads.

1.20 Physiography

The Monroe property is situated just northwest of Moyie Lake, within the Moyie Range part of the Purcell mountain system. Topography varies from gentle valley bottoms and rounded ridges to steep rock-outcropped mountain slopes. Elevations range from 1077 m at Monroe lake to 1830 m at the north edge of the property. Some of the nearby mountains reach elevations of 2100 m.

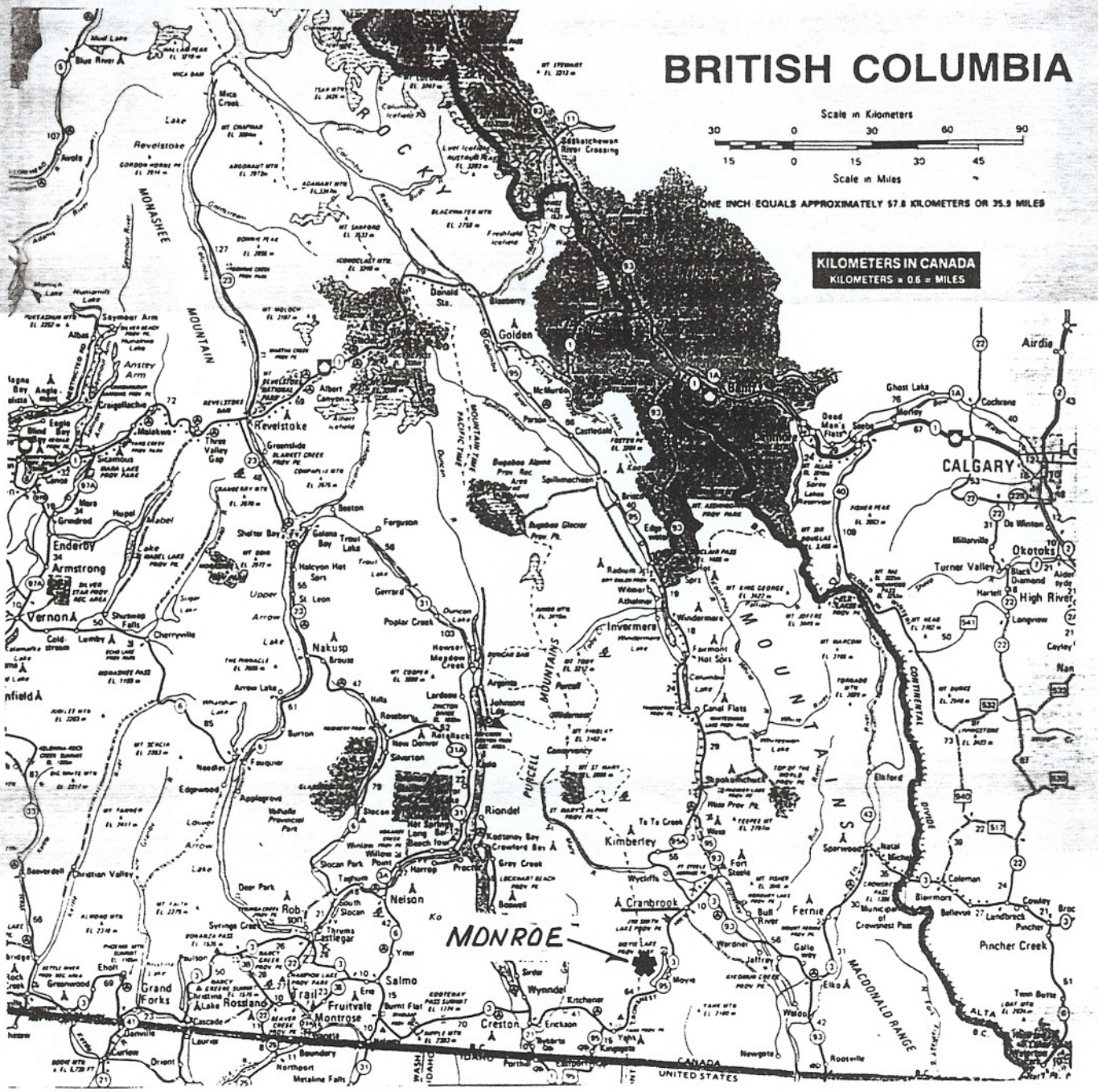
Forest cover on the Monroe claims was completely destroyed by the large Lamb creek fire in 2003. In 2004 all of the burned trees were clearcut and removed from the property. Vegetation on the property at present consists of mainly fireweed and various grasses.

1.30 Property (Figure 2).

The Monroe property consists of 11 claims. Tenure Nos: 503798, 505849, 505850, 526517, 526518, 528868, 528869, 531584, 535687, 553873, and 553874; a total of 67 cells.

1.40 Historical Work and Results

The Monroe property area was first staked by Cominco Ltd. in 1966 to cover a new discovery of base metal mineralization. Cominco explored the property between 1966 and 1978. Cominco's work consisted of soil geochemistry, geophysics, and minor diamond drilling. Cominco abandoned the claim in the late 1970s.



MONROE PROPERTY

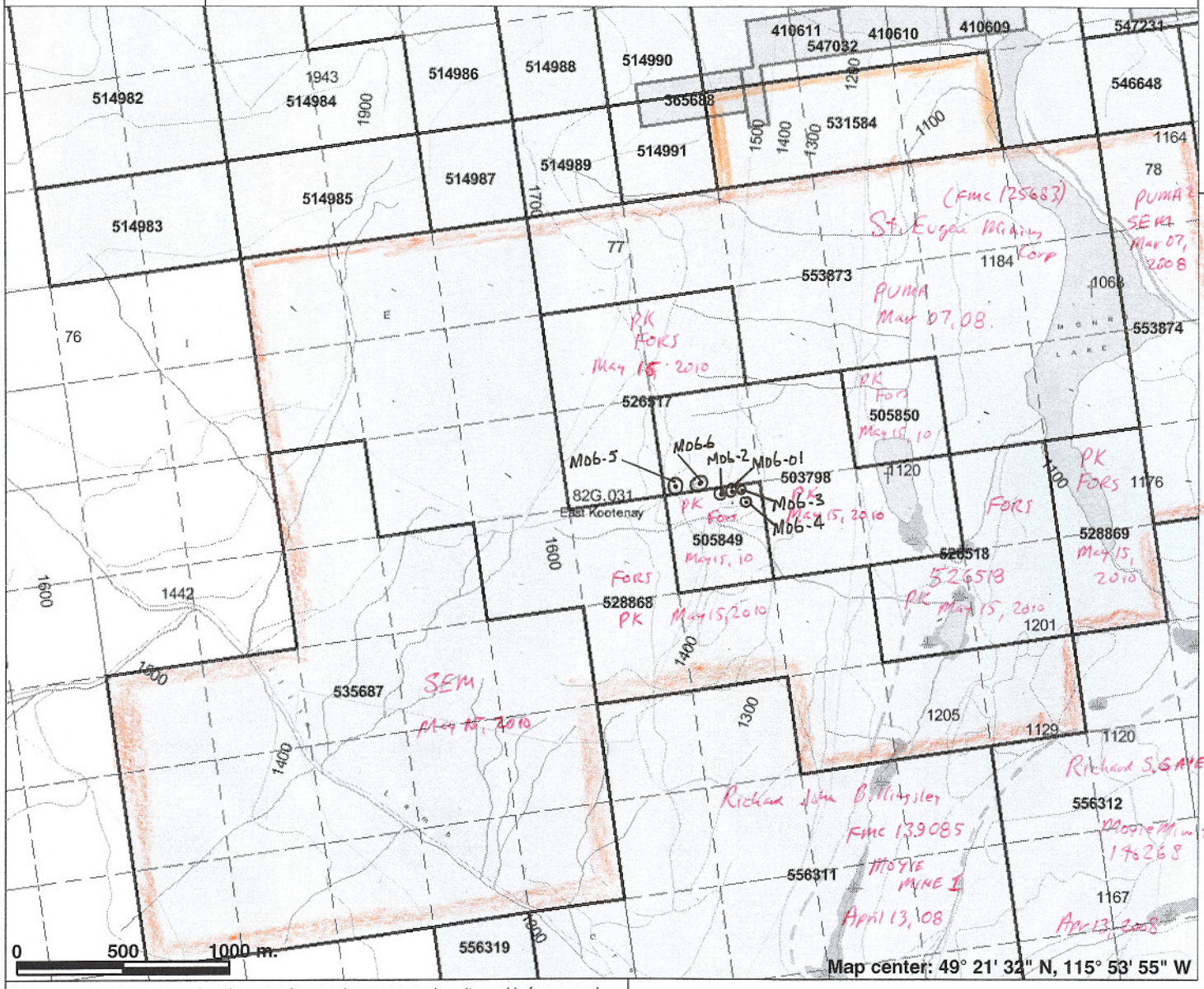
PROPERTY LOCATION MAP

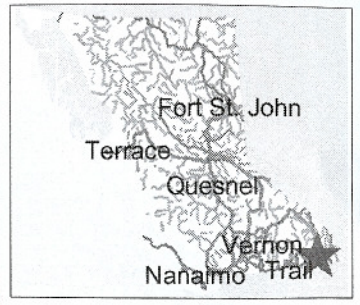
Scale: as shown	Date: May 2007	Plate:

FIGURE 1

MONROE LAKE

Internet Mapping Framework





Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (MTO)
- Mineral Tenures (Mineral - MTO)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - MTO Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Integrated Cadastral Fabric
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport.Abandoned

Scale: 1:28,221

Fig. 2

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1.40 Historical Work and Results – continued

A local prospector re-staked the ground in 1987. In 1988, the property was optioned to Placer Dome who conducted geological and geochemical work for one season.

In the fall of 1992, the property was optioned to Chapleau Resources Ltd. and Barkhor Resources Inc, and then later the same year a joint venture deal was made between Chapleau, Barkhor, and Ramrod Gold Corp. The joint venture between 1992 and 1996 drilled 32 holes totaling 13,708 meters.

In the fall of 1996, the joint venture optioned the property to Citation Resources Inc. From November 1996 to November 1997, Citation drilled 17 holes totaling 13,717 meters.

Chapleau and Barkhor's initial work discovered a relatively large Sullivan-type vent structure. The structure consisted of a steeply-dipping, discordant, strongly tourmalinized and albititized Aldridge Fragmental body which is flooded by late calcite and sulphides. The sulphides, mainly galena, sphalerite, arsenopyrite, and pyrrhotite, occur as heavy disseminations, massive sulphide veins, and flat lying massive sulphide lenses. All subsequent drilling by the Ramrod joint venture and later by Citation was designed to test the Sullivan Horizon for a massive sedex sulphide deposit. However, the work did not find anything of economic interest.

1.50 Current Objective

To test the sulphide-rich Sullivan-type vent structure for economic vein-type mineralization.

2.00 GEOLOGY

2.10 Regional Geology

The Fors property is underlain by the Kitchener and Aldridge Formations which are members of the Precambrian Purcell Supergroup.

The Middle Proterozoic Purcell Supergroup is a thick succession of fine-grained clastic and carbonate sedimentary rocks exposed in the core of the Purcell Anticlinorium in southeast British Columbia. These rocks are believed by some workers to have been deposited in an epicratonic re-entrant of a sea that extended along the western edge of the North American Precambrian Craton.

The oldest known member of the Purcell Supergroup is the Aldridge Formation, a thick sequence of fine-grained siliciclastic rocks deposited largely by turbidity currents. The Aldridge Formation is gradationally overlain by shallower-water deltaic clastics of the Creston Formation; no rocks of the Creston Formation are

2.10 Regional Geology – continued

exposed on the Fors property. Conformably overlying Creston rocks is the Kitchener Formation consisting of fine siltstone, silty carbonate and carbonates.

The Purcell Anticlinorium is transected by a number of steep transverse and longitudinal faults.

A number of gabbro and diorite composition sills and dykes of Precambrian age are present within the Aldridge Formation. The Moyie Fault is a major transverse fault which crosses the extreme southeast corner of the Fors property. Locally Kitchener Formation rocks on the south side of the Moyie Fault are juxtaposed with Lower Aldridge Formation rocks on the north side of the fault, implying a vertical component of movement of about 5000 meters.

The Aldridge Formation is host to the world class lead-zinc-silver Sullivan Orebody at Kimberly, British Columbia, approximately 40 km north of the Fors property. Consequently, the Aldridge Formation is prime exploration ground for the discovery of a similar deposit.

2.20 Property Geology

The Fors property is underlain primarily by rocks of the Aldridge Formation with Kitchener Formation exposed on the south side of the Moyie Fault in the southeast corner of the property. Aldridge rocks north of the Moyie Fault dip gently north, northeast, and east. Adjacent to the Moyie Fault, Aldridge rocks strike northeast and dip steeply southeast, while Kitchener Formation rocks on the south side of the fault strike northeast but dip moderately northwest.

3.00 DIAMOND DRILLING (Figure 2)

In 2006 on the Monroe Property, St. Eugene Mining Corp. completed six diamond drill holes totalling 562.1 meters. The following table lists basic drill hole statistics.

TABLE 1: Drill Hole Statistics

HOLE NO.	COLLAR COORDS UTM	HOLE AZIMUTH	DIP	LENGTH	CLAIM TENURE #
M06-1	580802E-5468045N	-	-90°	102.4 m	505849
M06-2	580786E-5468041N	-	-90°	105.5 m	505849
M06-3	580825E-5468034N	-	-90°	93.3 m	505849
M06-4	580804E-5467993N	326°	-45°	111.9 m	505849
M06-5	580300E-5467860N	-	-90°	38.0 m	503798
M06-6	580433E-5467925N	209°	-45°	211.0 m	503798

3.10 Diamond Drilling Results

Drill Hole M06-1 is located near the center of a base metal-rich, hydrothermally altered, discordant Aldridge Fragmental structure. From 3.0 m to 16.6 m the hole cored thick-bedded to massive siltstone, which is strongly distorted in part by soft sediment deformation. These rocks are strongly biotitized with abundant wisps and patches of late sericite. Crystals of calcite after selenite are abundantly scattered throughout this interval. Pyrrhotite is weakly-to-locally abundantly disseminated throughout this unit. Galena, sphalerite, pyrrhotite, and pyrite also occur as widely scattered thin veinlets.

The hole encountered a bedding parallel lens of massive sulphide from 16.6 m to 16.9 m. The massive sulphide consists of coarsely-crystalline galena, sphalerite, and fine crystalline pyrrhotite.

Hole M06-1 cored mineralized crystalline limestone with thin siltstone interbeds from 16.9 m to 19.2 m. Sphalerite, galena, and pyrrhotite occur as thin distorted layers, lenses, and heavy disseminations in the limestone unit. From the base of the limestone to 37.3 m the hole cuts massive siltstone. The siltstone is generally sericitic with *scattered* patches of late coarsely-crystalline biotite, and locally small pink garnets are abundant. Calcite after selenite crystals is abundant throughout the interval. Sphalerite, galena, and pyrrhotite veinlets are widely scattered throughout this unit.

The hole encountered a massive sulphide lens from 37.3 m to 37.8 m. The massive sulphide lens consists of banded sphalerite and pyrrhotite.

The core from 38.7 m to 60.0 m consists of mainly calc-silicate and lesser biotitic-actinolitic limestone. The calc-silicate consists mainly of aphanitic quartz, actinolite, albite, biotite, and calcite. Throughout this unit sphalerite, galena, arsenopyrite, and pyrrhotite form thin veinlets, lenses, and disseminations.

Albititized quartzite occurs in the hole from 60.0 m to the end of the hole at 102.4 m. The albitized quartzite is overprinted by late biotite, calcite, actinolite, and pink garnets. Arsenopyrite and galena are widely disseminated throughout the interval.

Drill Hole M06-2 is located 15 m southwest of Hole M06-1. From 3.0 m to 81.0 m the hole cored lithologies, alteration, and mineralization similar to that described for hole M06-1. However, from 81.0 m to 105.5 m the hole cored mainly fragmental rocks. Mineralization is similar to that described for Hole M06-1 but without the massive sulphide lenses.

Drill Hole M06-3 is located 26 m southeast of Hole M06-1. The core in this hole is similar to that described for Hole M06-1, except that the mineralization in this hole is much weaker than in Hole M06-1.

3.10 Diamond Drilling Results – continued

Drill Hole M06-4 is located 52 m south of hole M06-1. This hole also cored lithologies, alteration, and mineralization similar to that described for Hole M06-1. However, the mineralization is much weaker.

Drill Hole M06-5 is located 500 m southwest of Hole M06-1. This hole was abandoned at 38 m in overburden.

Drill Hole M06-6 is located 390 m southwest of Hole M06-1. The hole from 5.8 m to 105.6 m cored typical Middle Aldridge sediments, mainly medium- to thick-bedded siltstone with some interbedded sequences of thin-bedded argillite and silty argillite. From 105.6 m to the end of the hole at 211.0 m the core consisted of lithologies and alteration similar to holes M06-1 to M06-4. Some galena and sphalerite was noted in association with carbonate alteration.

3.20 Drill Hole Results

See attached Appendix I: Drill logs, Sample intervals, and Sample Nos.
See attached Appendix II: Assays.

4.00 STATEMENT OF EXPENDITURES

Diamond Drilling……	$ 76,705.91
Mobilization-Demobilization (Drill rig)…….	7,295.04
Standby Time (Drill rig and labour)……	6,783.20
Geologist, logging core and report writing…….	3,300.00
Core logging facilities…….	400.00
Core rack…….	1,700.00
Sampler, B. Collinson…….	500.00
Drafting……	300.00
12% overhead……..	$ 11,074.10
TOTAL EXPENDITURES	**$ 108,058.25**

5.00 CONCLUSIONS AND RECOMMENDATIONS

Diamond Drill Holes M06-1 to M06-4 located Pb-Zn-Ag mineralization of economic significance in association with intense hydrothermal alteration in a large discordant Aldridge Fragmental body. Hole M06-6 has extended the hydrothermally-altered Fragmental structure for 390 meters southwest of the initial discovery site.

Further drilling is recommended to continue testing the mineralized Fragmental along strike to the southwest.

4.00 STATEMENT OF EXPENDITURES

Diamond Drilling (Connors Drilling Ltd.)	
Direct Drilling Costs	$76,705.91
Mobilization-Demobilization (Drill Rig)	7,295.04
Standby Time (Drill Rig and Labour)	6,783.20
Total diamond drilling and related costs (662.1 meters; $137.12/meter)	$90,784.15
Geologist D.L. Pighin, P. Geo., : drill supervision, hole layout, core logging,	
Report writing; Oct. 4 to Oct. 28, 2006; 16 days @ $350/day	$5,600.00
3 half-days @ $150/day	450.00
Geologist 4X4 truck 7 days @ $65/day	455.00
Core logging facility; rental of Vine facility by St Eugene Mining Corp, period of	
October 4 to 28, 2006; 19 days @ $50/day	950.00
EK Expediting (Brian Collinson); materials and construction of core rack	$1,750.00
Sampling core, hauling core, tagging core boxes; 3 days @ $200/day	600.00
1 day @ $118/day	118.00
Hauling core samples to bus depot	25.00
Drafting; drill hole cross sections, plan; R.T Trenaman	300.00
Sub-total	$101,032.15
12% administration, Vancouver office, St Eugene Mining Corp Ltd	12,123.86
TOTAL EXPENDITURE	$113,156.00

6.00 AUTHOR'S QUALIFICATIONS

As author of this report I, David L. Pighin, certify that:

(1) I am a self-employed consulting geologist whose office is at Hidden Valley Road, Cranbrook, B.C. Mailing address: 301 – 8th Street, Cranbrook, B.C. V1C 1P2.

(2) I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

(3) I have been actively involved in mining and exploration geology, primarily in the Province of British Columbia, for the past 40 years.

(4) I was employed by Cominco Ltd. as a prospector, exploration technician, and geologist for 24 years, and later by numerous junior exploration companies.

Dated at Cranbrook, British Columbia, this _____day of _____, 2007.

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

PROPERTY: **MONROE** **LOCATION:** West of Monroe Lake COMMENCED: Oct. 6, 2006 COORDS: Long. COORDS: UTM (E 580802 COORDS: Grid (E) 4 (temp) ELEVATION: 1388 approximately	COMPLETED: Oct. 7, 2006 Lat. (N) 5468045 (EL) 1384 pending (N) (EL) COLLAR: Dip: -90° Azi: °	HORI. COMP: 0 VERT. COMP: 102.4 CORR. DIP: -90 TRUE BEARING: 0° % RECOVERY: LOGGED DATE: Oct. 2006 LOGGED BY: D.L. Pighin	**HOLE #: M06-1** **LENGTH: 102.4 m** DRILL CONTRACTOR: Connors Drilling CORE SIZE: NQ CASING: 3.0 m CORE STORAGE: Vine property

OBJECTIVE:

SURVEYS:	Depth:	Dip:	Azi:	Type:	Additional

From To meters	**LITHOLOGY:**	Surveys:	Depth	Dip	Azi
3.0 - 16.6	Siltstone.				

COLOUR:

Brownish grey mottled light greenish grey.

PRIMARY STRUCTURE:

Thick-bedded. Bedding is indistinct. Beds are strongly deformed by soft sediment slumping. Siltstone beds generally very fine-grained and show some evidence of grading, fining upwards. These sediments are probably distorted turbidite beds.

TECTONIC STRUCTURE:

Rare galena-pyrrhotite veinlets in this unit cut core axis at 5° and 15°.

GENERAL ALTERATION:

At 3.0 to 7.1 m, sediments are strongly leached and oxidized. Siltstones are strongly biotitic. Wispy bands and patches of late sericitization are scattered throughout this unit. White calcite crystallines after selinite are abundantly scattered throughout this section.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite is weakly to locally strongly disseminated throughout this unit. 2 mm to 5 mm thick veinlets as described above host galena, pyrite, and pyrrhotite.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	LITHOLOGY: HOLE #: M06-1
16.6 - 16.9	Massive sulphide unit consists of 100% sulphides, mainly sphalerite. Upper and lower contacts are sharp and cut core axis at 65°.
	COLOUR: Reddish brown, spotted metallic brown and silvery grey.
	PRIMARY STRUCTURE:
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

The massive sulphide consists of approximately 50% coarsely-crystalline, reddish brown sphalerite, 30% finely-crystalline pyrrhotite, and 20% coarsely-crystalline galena.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
16.9 - 19.2	**LITHOLOGY:** **HOLE #: M06-1** Mineralized crystalline limestone with thin siltstone bed from 16.9 to 18.25 m.
	COLOUR: White crystalline limestone with lenses and layers of metallic reddish brown and brown.
	PRIMARY STRUCTURE: Medium crystalline with wispy distorted layers of pyrrhotite and sphalerite, rare galena.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Limestone unit host 20% sulphides by volume. Sulphides occur as thin, distorted lamina, disseminations, and thin wispy lenses. Sulphides consist mainly of sphalerite and pyrrhotite with rare galena.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
19.2 - 37.3	**LITHOLOGY:** **HOLE #: M06-1** Argillaceous siltstone.
	COLOUR: Generally grey.
	PRIMARY STRUCTURE: Massive; bedding planes are rare. At 21.0 m bedding to core axis = 82°.
	TECTONIC STRUCTURE: Sulphide hosting fractures cut core at 40°, 59°, 35°, and 15°.
	GENERAL ALTERATION: Finely sericitic throughout with scattered patches of late coarsely-crystalline black biotite. Some sections contain abundant subhedral light pink to white garnets. Some sections contain abundant calcite after selenite crystalline.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Sulphides, mainly sphalerite and pyrrhotite, occur in veinlets as described above, ranging from 2 mm to 20 mm in thickness. These are widely scattered throughout this interval. At 35.7 to 36.34 m - quartz vein cuts C/A at 53°, hosts pyrrhotite, sphalerite and coarsely-crystalline galena; vein consists of 20% sulphides.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
37.3 - 37.8	**LITHOLOGY:** **HOLE #: M06-1** Massive sulphides; mainly banded sphalerite and pyrrhotite with some disseminated galena; 90% sulphide with some biotite and rare siltstone layers.
	COLOUR: Banded metallic brown and reddish brown
	PRIMARY STRUCTURE: Finely-crystalline pyrrhotite with wispy parallel layers of coarsely-crystalline sphalerite.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION:
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: The massive sulphide consists of 70% pyrrhotite and 30% sphalerite? with some disseminated galena.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	LITHOLOGY: **HOLE #: M06-1**
37.8 - 54.2	Biotitic-actinolitic limestone and lesser bands of calc-silicates.

COLOUR:

Light grey to white, mottled dark brown by biotite and mottled green by actinolite.

PRIMARY STRUCTURE:

TEXTURE: Crystalline limestone, strongly mineralized by coarsely-crystalline brown biotite, and locally by finely-crystalline bands of massive brown biotite. Calc-silicate unit consists of aphanitic quartz, actinolite, biotite, and calcium carbonate.
Poss bedding at 50.5 m = 54°.

TECTONIC STRUCTURE:

GENERAL ALTERATION:

See above.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

At 37.8 - 38.6 m – coarsely-crystalline biotite with abundant disseminated sphalerite and lesser galena in limestone matrix.
At 42.0 - 42.3 m – 2 small bands of massive sulphide, mainly sphalerite and galena cut C/A at 65°. One band is 5 cm thick and the other is 10 cm thick.
At 45.0 – 45.8 m – very coarsely-crystalline sphalerite, galena, and calcite vein cut C/A at 15°. At 47.4 – 47.9 – very coarsely-crystalline sphalerite, galena, and calcite vein cut C/A at 15°.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
54.2 - 56.2	**LITHOLOGY:** **HOLE #: M06-1** Siltstone.
	COLOUR: Grey.
	PRIMARY STRUCTURE: Thick-bedded; no visible bedding, fine-grained sediments.
	TECTONIC STRUCTURE: Nil.
	GENERAL ALTERATION: Patchy silicification and biotitization form very irregular veins and blebs. Biotite patches etc., are associated with calcium-carbonate alterations.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Arsenopyrite and rare pyrrhotite occur in calcite-biotite patches and veinlets.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

HOLE #: M06-1

From To meters	
56.2 - 60.0	**LITHOLOGY:** Calc-silicate; consists mainly of biotite, actinolite, calcite, albite, and remnant patches of silicified siltstone. At 56.2 to 56.5 m – massive sulphide band cuts core at 53°.
	COLOUR: Light green mottled light grey and brown.
	PRIMARY STRUCTURE: Destroyed by alteration. **TEXTURE:** Calc-silicate unit consists mainly of coarsely-crystalline brown biotite and actinolite in a carbonate and siliceous to albititic matrix.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: See above.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

At 56.2 to 56.5 m – massive sulphide band, 95% pyrrhotite with some tiny blebs of calcite scattered throughout. At 58.4 m – thin 2 mm thick sphalerite vein cuts core at 35°. At 58.7 m – massive sphalerite vein cuts core 53° and is 3 cm thick.
At 56.2 to 60.0 m – sphalerite, arsenopyrite, pyrrhotite, and rare galena is weakly to strongly disseminated throughout.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
60.0 - 102.4	**LITHOLOGY:** **HOLE #: M06-1** Mainly albititized quartzite.
	COLOUR: Generally whitish; whitish grey, pinkish white, mottled grey, and commonly speckled black.
	PRIMARY STRUCTURE: Totally destroyed by weathering.
END	**TECTONIC STRUCTURE:** At 75.0 m - white barren quartzite vein cuts core at 15°.
OF	**GENERAL ALTERATION:** The albititized sediments are overprinted by blebs, irregular patches and veins consisting of brown biotite in a calcite matrix, rare actinolite, and widely scattered light pink to orange subhedral garnets.
HOLE	**MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:** Arsenopyrite crystallines are widely scattered throughout this interval. Galena crystallines are also very widely scattered throughout the interval.

SAMPLE #	From	To	Length			

HOLE NO. M06-1

From – To metres	% Core Loss	COMMENTS	Sample No.	Width	Au	Ag	As	Pb	Zn	Cu
					ppm	ppm	ppm	ppm	ppm	ppm
15.6 - 17.0		Massive sulphide, pyrrhotite, galena and sphalerite.	304351							
17.0 - 18.3		Disseminated sphalerite and pyrrhotite in limestone.	304352							
18.3 - 19.3		Disseminated sphalerite and pyrrhotite in limestone.	304353							
35.7 - 36.34		Quartz vein hosts pyrrhotite, sphalerite and coarsely crystalline galena	304354							
36.34 –37.3		Disseminated pyrrhotite and sphalerite and veinlets of pyrrhotite-sphalerite host argillaceous siltstone.	304355							
37.3 - 37.8		Massive sulphide mainly pyrrhotite, sphalerite and lesser galena	304356							
37.8 - 38.8		Disseminated sphalerite and pyrrhotite in coarsely crystalline biotitic limestone.	304357							
38.8 - 39.8		Disseminated sphalerite and pyrrhotite in coarsely crystalline biotitic limestone.	304358							
39.8 - 40.8		Weakly disseminated sphalerite and pyrrhotite in biotitic-actinolitic limestone.	304359							
40.8 - 41.8		Weakly disseminated sphalerite and pyrrhotite in biotitic-actinolitic limestone.	304360							
41.8 - 42.3		Disseminated sphalerite and pyrrhotite plus 2 (5-cm & 10 cm-thick) bands of massive sphalerite and galena in limestone unit.	304361							
42.3 - 43.3		Disseminated sphalerite and pyrrhotite in altered limestone.	304362							
43.3 - 44.3		Disseminated sphalerite and pyrrhotite in altered limestone.	304363							
44.3 - 45.0		Disseminated sphalerite and pyrrhotite in altered limestone.	304364							
45.0 - 45.6		Scattered coarsely crystalline galena and sphalerite veins in limestone unit.	304365							
45.6 - 46.6		Scattered coarsely crystalline galena and sphalerite veins in limestone unit.	304366							
46.6 - 47.4		Scattered coarsely crystalline galena and sphalerite veins in limestone unit.	304367							
47.4 - 50.0		Scattered coarsely crystalline galena and sphalerite veins in limestone unit.	304368							
56.2 - 56.5		Massive sulphide band, mainly pyrrhotite.	304369							
56.5 - 57.0		Disseminated arsenopyrite, sphalerite, pyrrhotite and rare galena disseminated in limey biotitic, actinolitic seds.	304370							
57.0 - 58.0		Disseminated arsenopyrite, sphalerite, pyrrhotite and rare galena disseminated in limey biotitic, actinolitic seds.	304371							
58.0 - 58.5		Disseminated, some scattered massive sphalerite veins 3-cm thick.	304372							

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

PROPERTY:	**MONROE**		HORI. COMP:	**HOLE #: M06-2**	
LOCATION:	West of Monroe		VERT. COMP:	**LENGTH: 105.5 m**	
COMMENCED:	Oct. 8, 2006	COMPLETED: Oct. 9, 2006	CORR. DIP: -90°.	DRILL CONTRACTOR:	
COORDS: Long.		Lat.	TRUE BEARING: °	Connors Drilling	
COORDS: UTM (E)	580786	(N) 5468041 (EL) 1389 pending	% RECOVERY:	CORE SIZE: NQ	
COORDS: Grid (E)		(N) (EL)	LOGGED DATE: Oct. 2006	CASING: 3.0 m	
ELEVATION:	1389 m	COLLAR: Dip: Azi: °	LOGGED BY: D.L. Pighin	CORE STORAGE: Vine property	

OBJECTIVE:

SURVEYS:	Depth:	Dip:	Azi:	Type:	Additional

From To meters	**LITHOLOGY:**	Surveys:	Depth	Dip	Azi
3.0 - 25.7	Siltstone, “Bouma” type turbidites, with “E” and “D” argillite.				

COLOUR:

Shades of light grey with black spotting (pyrrhotite blebs), 10 to 17 m rusty brown due to weathering of sulphides.

PRIMARY STRUCTURE:

Medium to thick-bedded, rarely thin-bedded. Bedding planes are distinct and commonly waxy. Some good flame structured bed tops.
Bedding to core at 11.0 m = 84°.

TECTONIC STRUCTURE:

10.0 to 17.0 m – brecciated and crackle brecciated; breccia cuts core at 10° on HW and 15° on FW.

GENERAL ALTERATION:

Siltstone beds are silicified and sericitic with some fine black biotite typical of Middle Aldridge regional alteration. At 10.0 to 17.0 m supergene alteration of sulphide matrix, breccia to limonite matrix breccia.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Limonite-filled breccia zone from 10.0 to 17.0 m. At 25.0 m thin 2-cm thick sphalerite-hosting breccia zone cuts core to 85°.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	LITHOLOGY: **HOLE #: M06-2**
25.7 - 29.3	Homogenized argillite and silty argillite.
	COLOUR: Light grey.
	PRIMARY STRUCTURE: Massive; no bedding planes.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: Generally finely-sericitic with some scattered, fine, black biotite, with some local patches of intense coarsely-crystalline sericite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite occurs as finely-disseminated specks and blebs. Some rare disseminated sphalerite. This type of mineralization occurs throughout this unit.
At 25.7 m – 10-cm thick quartz-pyrite vein cuts core at 25.7 m.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
29.3 - 51.4	**LITHOLOGY:** **HOLE #: M06-2** Quartzite.
	COLOUR: Light grey with some white blebs.
	PRIMARY STRUCTURE: Massive, no bedding, unit ranges from fine to coarse-grained.
	TECTONIC STRUCTURE: Nil.
	GENERAL ALTERATION: Unit is generally intensely silicified and sericitized throughout. Crystals of calcite after selenite are generally scattered throughout this unit.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrrhotite is in general, very weakly disseminated throughout this unit. Sphalerite occurs only as very rare tiny specks. At 47.5 m quartz-pyrrhotite vein cuts core at 67°, 7 cm thick. At 48.0 m 1-cm thick massive pyrrhotite vein C/A at 52°.

SAMPLE #	From	To	Length			

:

ST. EUGENE MINING CORP

HOLE #: M06-2

From To meters	
51.4 - 64.2	**LITHOLOGY:** Actinolitic, tremolitic, biotitic limestone.
	COLOUR: Light grey and green mottled brown.
	PRIMARY STRUCTURE: **TEXTURE:** Medium crystalline limestone, totally altered in part to coarsely-crystalline actinolite and tremolite; overprinted by massive bands some 50-cm thick, and heavy disseminated coarsely-crystalline brown biotite.
	TECTONIC STRUCTURE: Nil.
	GENERAL ALTERATION: Intensely altered limestone as described above, 51.4 to 52.1 m abundant tourmaline needles.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: At 51.4 to 52.1 m – relatively abundantly disseminated sphalerite and minor galena occur in strongly actinolitic limestone. At 54.7m 2-cm thick sphalerite-calcite vein cut C/A at 76°. At 53.5 m, some small lenses of massive talc. From 52.1 to 64.2 m sphalerite and pyrrhotite occurs only as rare tiny specks.

SAMPLE #	From	To	Length			

:

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
64.2 - 81.0	**LITHOLOGY:** **HOLE #: M06-2** Albititized siltstone.
	COLOUR: White to pinkish white mottled by brown and black biotitization.
	PRIMARY STRUCTURE: Massive; no bedding or other primary structures present.
	TECTONIC STRUCTURE: Nil.
	GENERAL ALTERATION: The sediments are intensely albititized and overprinted by late lenses, thin irregular wispy veins and irregular blebs of brown biotite and carbonate.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Arsenopyrite is commonly associated with irregular veins, lenses and patches of brown biotite and carbonate. Rare galena and sphalerite occur also with the biotite-carbonate alteration.

SAMPLE #	From	To	Length			

:

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

HOLE #: M06-2

From To meters	
81.0 - 84.1	**LITHOLOGY:** Albititized and tourmalinized fragmental.
	COLOUR: Dark brown tourmalinization with white and green albititization and actinolitization.
	PRIMARY STRUCTURE: Massive; clasts are small and subangular, show no preferred orientation and are generally matrix supported.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: In general, the fragmental matrix and clasts are strongly tourmalinized. The lower 1/3 of the fragmental unit is albititized and actinolitized. Some fine black biotite occurs in the matrix.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Weakly disseminated pyrrhotite, sphalerite, and arsenopyrite generally occur in the matrix of the tourmalinized fragmental.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
84.1 – 101.0	**LITHOLOGY:** **HOLE #: M06-2** Silicified and tourmalinized siltstone.
	COLOUR: Light brown, brown and black.
	PRIMARY STRUCTURE: Massive; no bedding.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: At 84.1 to 95.0 m – intensely silicified, and from 95.0 to 101.0 m – generally tourmalinized to black and brown tourmalinite.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Sphalerite and pyrrhotite occurs in the silicified siltstone as very rare, fine disseminations. At 85.5 m – 1-cm thick quartz vein hosts minor pyrite and galena cuts core at 15°. At 88.0 m – 5-cm thick quartz hosts abundant pyrrhotite and rare sphalerite and galena; cuts core at 58°. From 95.5 to 96.2 m – quartz vein host minor galena and muscovite – cut C/A at 62°.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	LITHOLOGY: **HOLE #: M06-2**
101.0 – 105.5	Tourmalinized fragmental.
	COLOUR: Black.
	PRIMARY STRUCTURE: Massive; fragmental consisting of small 2 mm and 10 mm-sized subrounded to rounded clasts. The clasts show no preferred orientation and are generally matrix supported; matrix consists of tourmalinized coarse-grained quartz sand.
END	**TECTONIC STRUCTURE:**
OF	**GENERAL ALTERATION:** Matrix and clasts are all altered to black aphanitic tourmalinite.
HOLE	**MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:** Arsenopyrite is locally abundant in the fragmental matrix.

SAMPLE #	From	To	Length			

HOLE NO. M06-2

From – To metres	% Core Loss	COMMENTS	Sample No.	Width	Au	Ag	As	Pb	Zn	Cu
					ppm	ppm	ppm	ppm	ppm	ppm
50.0 - 51.0		Weakly disseminated pyrrhotite with rare galena and sphalerite in quartzite	304301							
51.0 - 51.4		Weak to strongly disseminated sphalerite and pyrrhotite in quartzite.	304302							
51.4 - 52.1		Weak to strongly disseminated sphalerite and galena in massive actinolite.	304393	Assayed	previously					
52.1 - 53.1		Weak to very weakly disseminated sphalerite in massive actinolite.	304303							
63.0 - 64.0		Weak to very weakly disseminated sphalerite and galena in massive biotite alteration.	304304							
64.0 - 64.4		Abundant disseminated pyrrhotite and sphalerite in albitized siltstone and Actinolitic limey siltstone.	304305							
64.4 - 65.4		Widely scattered patches of disseminated sphalerite and galena albitized-biotitic siltstone.	304306							
65.4 - 66.4		Widely scattered patches of disseminated sphalerite and galena albitized-biotitic siltstone.	304307							

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

PROPERTY: **MONROE**		HORI. COMP:	**HOLE #: M06 - 3**
LOCATION: West of Monroe Lake		VERT. COMP: 93.3 m	**LENGTH: 93.3 m**
COMMENCED: Oct. 9, 2006	COMPLETED: Oct. 10, 2006	CORR. DIP: -90	DRILL CONTRACTOR: Connors Drilling
COORDS: Long.	Lat.	TRUE BEARING:	
COORDS: UTM (E) 580825	(N) 5468034 (EL) 1360 pending	% RECOVERY:	CORE SIZE: NQ
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: Oct. 2006	CASING: 0.60 m
ELEVATION: 1371 (temp)	COLLAR: Dip: -90° Azi:	LOGGED BY: D.L. Pighin	CORE STORAGE: Vine property

SURVEYS:	Depth:	Dip:	Azi:	Type:	Additional

From To meters	**LITHOLOGY:**	Surveys:	Depth	Dip	Azi
0.60 - 32.0	Homogenized unit. Mixed quartzite, siltstone, and argillite.				

COLOUR:

Grey with scattered brown blebs and wispy lenses.

PRIMARY STRUCTURE:

Massive; no bedding, generally medium-grained throughout.

TECTONIC STRUCTURE:

Thin calcite-quartz 1 cm cut core axis at 70° between 24.2 and 25.2 m.

GENERAL ALTERATION:

Weakly to strongly silicified throughout, late blebs, irregular veinlets of biotite and minor calcite.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite occurs throughout this unit as blebs, veinlets, and rare 1-cm thick massive pyrrhotite bands. Specks of sphalerite occur with pyrrhotite. Sulphides commonly occur with the biotite-calcite alteration.

SAMPLE #	From	To	Length			

ST EUGENE MINING CORP

DRILL HOLE RECORD

From To meters	
32.8 - 65.7	**LITHOLOGY:** **HOLE #: M06-3** Actinolitic, biotitic, tremolitic limestone with scattered clasts or remnant patches of siltstone.
	COLOUR: Generally light green to light grey and white, mottled and banded brown by massive biotite.
	PRIMARY STRUCTURE: Destroyed by alteration. **TEXTURE:** Rock consists generally of coarsely-crystalline actinolite and tremolite and biotite in a calcareous matrix. Locally coarsely-crystalline massive brown biotite forms thick bands (10 cm to 30 cm thick) within the tremolitic-calcareous unit.
	TECTONIC STRUCTURE:
	GENERAL ALTERATION: Remnant patches of siltstone suggest that this limy unit may in fact be a highly altered siltstone or quartzite unit. Biotite alteration appears to be later than the actinolite-tremolite phase. However, both alteration phases are associated with sulphides and carbonate deposition.
	MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrrhotite, sphalerite, galena, and minor arsenopyrite are generally weakly to strongly disseminated throughout this interval. Best mineralized zones are as follows: 34.6 to 35.0 m – 40% to 60% pyrrhotite, lesser sphalerite and galena. Est. grade 2% Pb-Zn zone cuts core at 45°; at 40.6 m 5-cm thick calcite-sphalerite vein Cuts core at 70°; at 55.0 m 1-cm thick quartz-pyrrhotite sphalerite vein cuts core at 10°; At 59.8 m - 10-cm thick massive sulphides band cuts core at 65°. Consists mainly of pyrrhotite and sphalerite with minor galena.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From To meters	
65.7 - 93.3	**LITHOLOGY:** **HOLE #: M06-3** Limestone, consisting of mainly limestone with scattered small patches of remnant quartzite.
	COLOUR: Generally light grey to white.
	PRIMARY STRUCTURE: Massive, medium crystalline limestone with scattered small irregular shaped patches. Remnant quartzite making the rock look conglomeratic.
	TECTONIC STRUCTURE:
END	
	GENERAL ALTERATION: Remnant patches of quartzite appear to suggest the original quartzite has, for the most part, been replaced by calcium carbonate. Late subhedral pink garnets are abundant throughout this interval. They range in size from 2 mm to 5 mm in size.
OF	
HOLE	**MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:** Pyrrhotite, arsenopyrite, lesser sphalerite, and galena, very weakly disseminated throughout this interval, with some thin local patches and bands of heavy disseminated 18° sulphides. At 66.0 to 66.5 m – quartz veins with minor sphalerite cut C/A at 10° to 15°. At 76.0 to 80.5 m thin quartz veins hosting minor sphalerite 1-cm to 2-cm thick are widely scattered throughout. These veins cut C/A at 10° and 15°. At 82.3 m two 1-cm thick bands of massive arsenopyrite cut C/A at 77°. At 90.0 to 90.5 m a band of heavy disseminated sulphides cuts core at 30°, (20%-50% sulphide) the sulphide consists of mainly pyrrhotite, sphalerite, and rare galena.

SAMPLE #	From	To	Length			

HOLE NO. M06-3

From – To metres	% Core Loss	COMMENTS	Sample No.	Width	Au	Ag	As	Pb	Zn	Cu
					ppm	ppm	ppm	ppm	ppm	ppm
32.5 - 33.5		Actinolitic limey sediments; weak dissem. pyrrhotite & sphalerite, rare galena	304308							
33.5 - 34.5		Actinolitic limy sediments; weak disseminated pyrrhotite & sphalerite, rare galena	304309							
34.5 - 35.0		Host: calcareous siltstone, 40% disseminated. pyrrhotite with minor disseminated sphalerite and galena.	304310							
35.0 - 36.0		Limey sed's – weakly disseminated sphalerite and galena.	304311							
36.0 - 37.0		Limey sed's – weakly disseminated sphalerite and galena.	304312							
37.0 - 37.8		Limey sed's – weakly disseminated sphalerite and galena.	304313							
37.8 - 38.3		Actinolitic, limey sed's, 2 cm thick vein of massive galena and sphalerite associated with weak disseminated sphalerite.	304314							
38.3 - 39.0		Actinolitic limey sed's host some patches of good dissem. galena & sphalerite.	304315							
39.0 - 40.0		Actinolitic, biotitic, limey sed's host patches of good dissem. galena & sphalerite.	304316							
40.0 - 40.6		Actinolotic, limey sed's hosts some thin veinlets of massive galena and some disseminated patches of sphalerite.	304317							
40.6 - 41.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304318							
41.6 - 42.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304319							
42.6 - 43.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304320							
43.6 - 44.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304321							
44.6 - 45.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304322							
45.6 - 46.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304323							
46.6 - 47.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304324							
47.6 - 48.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304325							
48.6 - 49.6		Actinolitic, biotitic, limey seds host weak -locally strongly-dissem. sphal.&galena.	304326							
49.6 - 50.6		Nearly massive brown biotite, rare Pb-Zn.	304327							
58.7 - 59.7		Limey sed's actinolitic hosts weakly disseminated galena and sphalerite.	304328							
59.7 - 60.7		Limey sed's actinolitic hosts weakly disseminated galena and sphalerite with 10 cm band of massive pyrrhotite, sphalerite.	304329							
60.7 - 61.7		Actinolitic, locally biotitic, limey sed's, hosts weakly disseminated sphalerite and galena, pyrrhotite, Arseno.	304330							
61.7 - 62.7		Actinolitic, locally biotitic, limey sed's, hosts weakly disseminated sphalerite and galena, pyrrhotite, Arseno.	304331							
62.7 - 63.7		Actinolitic, locally biotitic, limey sed's, hosts weakly disseminated sphalerite and galena, pyrrhotite, Arseno.	304332							
63.7 - 64.7		Actinolitic, locally biotitic, limey sed's, hosts weakly disseminated sphalerite and galena, pyrrhotite, Arseno.	304333							
64.7 - 65.7		Actinolitic, locally biotitic, limey sed's, hosts weakly disseminated sphalerite and galena, pyrrhotite, Arseno.	304334							

ST. EUGENE MINING CORP

PROPERTY: **Monroe**		HORI. COMP: 79.12 m	**HOLE #: M06-4**
LOCATION: West of Monroe Lake		VERT. COMP: 79.12 m	**LENGTH: 111.9 m**
COMMENCED: Oct. 8, 2006	COMPLETED: Oct. 9, 2006	CORR. DIP: -45	
COORDS: Long.	Lat.	TRUE BEARING: 326°	DRILL CONTRACTOR:
COORDS: UTM (E) 580804	(N) 5467993N (EL) 1365 (pending)	% RECOVERY:	Connors Drilling
COORDS: Grid (E)	(N) (EL)	LOGGED DATE: Oct. 2006	CORE SIZE: NQ
ELEVATION:	COLLAR: Dip: -45° Azi: 326°	LOGGED BY: D.L. Pighin	CASING: 1.5 m
			CORE STORAGE: Vine Property

OBJECTIVE:

SURVEYS:	Depth:	Dip:	Azi:	Type:	Additional

From meters	**To**	**LITHOLOGY:**	Surveys:	Depth	Dip	Azi
1.5	45.6	Homogenized unit mixed siltstone and silty argillite.				

COLOUR:

Grey with scattered patches of metallic brown.

PRIMARY STRUCTURE:

Massive. Bedding is very rare. Rock has in places a soft sedimentary slump texture generally fine-grained, but becomes coarser grained toward the base of the unit.

TECTONIC STRUCTURE:

At 22.0 m limonite-filled veins cut core at 5 °; at 32.6 thin limonite-filled breccia zone cuts C/A at 8°.

GENERAL ALTERATION:

Argillite fraction is altered to fine sericite, with coarse crystalline black biotite rimming pyrrhotite bleb and lenses.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite is abundant throughout unit as wispy lenses up to 3 cm thick and irregular blebs and patches ranging in size from 2 mm to 20 mm. Pyrrhotite forms 0.5 to 1.0% of rock by volume.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

From meters	To	
45.6	61.2	**LITHOLOGY:** **HOLE #: M06-4** Biotitic, actinolitic, and tremalitic limestone.
		COLOUR: White with brown banding and speckled, and green with brown speckling, and locally light green.
		TEXTURE: Crystalline limestone with bands, patches, and disseminated coarsely-crystalline brown biotite associated with coarsely-crystalline tremolite.
		TECTONIC STRUCTURE: At 45.6 m, calcite (barren) veins cut core 30°.
		GENERAL ALTERATION: Alteration of limestone is intense. Bands and patches of biotite and tremolite locally fully replaced the limestone bed, and locally coarsely-crystalline green actinolite totally replaces thick sections of the limestone unit.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: At 45.6 to 47.6 m actinolitic, tremalitic, and biotitic crystalline limestone hosts weakly to strongly disseminated sphalerite. At 47.6 to 50.6 m – mainly white crystalline limestone with weakly disseminated galena and sphalerite. At 50.4 – massive sphalerite vein 2 cm thick cuts core at 42°.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From meters	To	LITHOLOGY: **HOLE #: M06-4**
61.2	66.7	Albititized siltstone.

COLOUR:

White to whitish grey, speckled and mottled by dark to reddish brown biotite.

PRIMARY STRUCTURE:

Massive, all primary structure destroyed by alteration.

TECTONIC STRUCTURE:

Nil.

GENERAL ALTERATION:

Siltstone is intensely albititized. Late carbonatization and coarsely-crystalline biotite form irregular veinlets, patches and dissemination throughout the albititized interval.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

At 65.7 to 66.7 m – abundant irregular veinlets and dissemination of arsenopyrite occurs in association with late carbonate and biotite alteration.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From meters	To meters	
66.7	69.2	**LITHOLOGY:** **HOLE #: M06-4** Biotitic limestone. Massive fine and coarsely-crystalline biotite forms up to 50% of rock by volume.
		COLOUR: Dark brown with remnant patches of light grey limestone.
		PRIMARY STRUCTURE: Massive – medium to coarsely-crystalline.
		TECTONIC STRUCTURE:
		GENERAL ALTERATION: Coarsely to finely-crystalline biotite and scattered tremolite locally, totally replace the limestone unit.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Pyrrhotite as disseminations and veinlets is abundantly scattered throughout this unit. Some patches of finely-disseminated sphalerite. At 67.0 m – massive sphalerite vein cuts core at 16°; ranges from 2 cm to 4 cm thick.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

HOLE #: M06-4

From To meters	
69.2 - 111.9	**LITHOLOGY:** Albititized siltstone.
	COLOUR: Mottled white, light grey and dark brown, and speckled brown.
	PRIMARY STRUCTURE: Destroyed by alteration.
END	**NOTE:** Arsenopyrite in general as weak to strong disseminations occur, scattered throughout these albititized sediments.
OF	**GENERAL ALTERATION:** Intensely albititized siltstone cut by patches, veinlets, and disseminations of late calcite associated with coarsely-crystalline brown biotite. Near 105.8 m – large light pink subhedral garnets occur.
HOLE	**MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:** 10 cm of heavy disseminated to massive pyrrhotite with minor sphalerite at 69.6 m. This zone roughly cuts core at 44°. At 69.2 to 75.8 m – Biotite-calcite alteration zones host relatively abundant pyrrhotite and arsenopyrite with weakly disseminated sphalerite. This zone might average 500 ppm Zn. At 79.5 m, a 10 cm quartz vein cuts core at 62°. Hosts host pyrrhotite, lesser sphalerite, and galena. At 98.6 – 108.8 m – massive pyrrhotite vein with sedimentary clasts cuts core at 15°. Weak sphalerite mineralization is disseminated mainly in sedimentary clasts and in a narrow band on both HW and FW of sulphide vein. At 96.3 to 96.5 m – massive sulphide vein cuts at 54°. The massive sulphide consists of pyrrhotite, galena, and sphalerite. In general, sphalerite and rare galena is weakly disseminated in albititized sediments from 94.3 to 103.7 m.

SAMPLE #	From	To	Length			

HOLE NO. M06-4

From – To metres	% Core Loss	COMMENTS	Sample No.	Width	Au	Ag	As	Pb	Zn	Cu
					ppm	ppm	ppm	ppm	ppm	ppm
45.6 - 46.5		Weak to strongly disseminated sphalerite & pyrrhotite hosted in actinolite biotitic limestone.	304373							
47.6 - 48.6		Weak disseminated sphalerite & galena hosted by white crystalline limestone.	304374							
48.6 - 49.6		Weak disseminated sphalerite & galena hosted by white crystalline limestone.	304375							
49.6 - 50.6		Weak disseminated sphalerite & galena hosted by white crystalline limestone.	304376							
50.6 - 51.6		Weak disseminated sphalerite & galena hosted by white crystalline limestone.	304377							
65.7 - 66.7		Weak disseminated sphalerite & galena & arsenopyrite in albitized sediments.	304378							
66.7 - 67.4		Pyrrhotite and lesser sphalerite occur as thin veinlets and disseminated in strongly biotitized limestone.	304379							
67.4 - 68.4		Pyrrhotite and lesser sphalerite occur as thin veinlets and disseminated in strongly biotitized limestone.	304380							
68.4 - 69.2		Pyrrhotite and lesser sphalerite occur as thin veinlets and disseminated in strongly biotitized limestone.	304381							
69.2 - 70.4		10-cm of near massive pyrrhotite associated with weakly disseminated sphalerite and rare galena host albitized siltstone.	304382							
70.4 - 71.4		Weakly disseminated sphalerite associated with profile-calcite alteration in albitized siltstone.	304383							
95.1 - 96.3		Weakly disseminated sphalerite associated with biotitic-calcite alteration zones in albitized sediments.	304385							
96.3 - 96.6		Massive sulphide vein consists of pyrrhotite, sphalerite, and galena.	304386							
96.6 - 97.6		Weakly dissem. sphalerite in biotite-calcite alteration zone in albitized seds.	304387							
97.6 - 98.6		Weakly dissem. sphalerite in biotite-calcite alteration zone in albitized seds.	304388							
98.6 - 99.6		Weakly dissem. sphalerite in biotite-calcite alteration zone in albitized seds.	304389							
99.6 -100.8		Weakly dissem. sphalerite in biotite-calcite alteration zone in albitized seds.	304390							
100.8-101.8		Weakly dissem. sphalerite in biotite-calcite alteration zone in albitized seds.	304391							
101.8-102.7		Weakly dissem. sphalerite in biotite-calcite alteration zone in albitized seds.	304392							

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

PROPERTY: **MONROE** **LOCATION:** West of Monroe Lake COMMENCED: COORDS: Long. COORDS: UTM (E) COORDS: Grid (E) ELEVATION:	COMPLETED: Lat. (N) (EL) (N) (EL) COLLAR: Dip: Azi:	HORI. COMP: VERT. COMP: CORR. DIP: TRUE BEARING: % RECOVERY: LOGGED DATE: LOGGED BY:	**HOLE #: M06-5** **LENGTH:** DRILL CONTRACTOR: CORE SIZE: CASING: CORE STORAGE:

OBJECTIVE:

SURVEYS:	Depth:	Dip:	Azi:	Type:	Additional

From To meters	**LITHOLOGY:**	Surveys:	Depth	Dip	Azi
	NOTE: HOLE # M06-5 WAS ABANDONED IN OVERBURDEN.				
	COLOUR: **N=**				
	PRIMARY STRUCTURE:				
	TECTONIC STRUCTURE:				
	GENERAL ALTERATION:				

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:	SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP.

DRILL HOLE RECORD

PROPERTY: **MONROE** **LOCATION:** West of Monroe COMMENCED: Oct. 12, 2006 COORDS: Long. COORDS: UTM (E) 0580433E COORDS: Grid (E) ELEVATION: 1460	COMPLETED: Oct. 22, 2006 Lat. (N) 5467925N (EL) (N) (EL) COLLAR: Dip: -45° Azi: 209°	HORI. COMP: 149.2 m VERT. COMP: 149.2 m CORR. DIP: -45 TRUE BEARING: 209° Az % RECOVERY: LOGGED DATE: Oct. 2006 LOGGED BY: D.L. Pighin	**HOLE #:** **M06-6** **LENGTH:** **211.0 meters** DRILL CONTRACTOR: Connors Drilling CORE SIZE: NQ CASING: 5.8 m CORE STORAGE: Vine Property

SURVEYS:	Depth:	Dip:	Azi:	Type:	Additional

From	**To**	**LITHOLOGY:**	Surveys:	Depth	Dip	Azi
5.8	14.0	Argillite interbedded argillaceous siltstone.				

COLOUR:

Grey band dark grey.

PRIMARY STRUCTURE:

Medium to thin-bedded. Bedding is flat and sharp, fine-grained sediments.

TECTONIC STRUCTURE:

Bedding to C/A @ 9.0 m = 55°

GENERAL ALTERATION:

Regional, consisting of fine biotitization and weak sericitization with local zones of silicification.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite is very weakly disseminated throughout this interval.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From	To	LITHOLOGY:	HOLE#: M06-6
14.0	32.0	Quartzite interbedded siltstone and minor argillite. At 22.1 to 23.5 m thin to very thin-bedded, parallel laminated argillite.	

COLOUR:

PRIMARY STRUCTURE:
Mainly medium to thick-bedded. Bedding is generally distinct and commonly wavy. Some good flame structures. Some soft sediment deformation.
Quartzite and siltstone beds are medium to fine-grained, generally graded, fining upwards.
Bedding to core @ 25.0 m = 51°.

TECTONIC STRUCTURE:

At 18.0 m a 5-cm thick quartz-biotite veins cut C/A at 25°

GENERAL ALTERATION:

Generally regional as previous described, but with scattered subhedral pink garnets widely scattered throughout.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Very weakly disseminated pyrrhotite throughout.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From meters	To meters	
32.0	92.5	**LITHOGRAPHY:** **HOLE #: M06-6** Mainly quartzite and siltstone beds with widely scattered thin sequences (10 cm to 30 cm) of argillite.

COLOUR:

Shades of grey with some light greenish grey bands.

PRIMARY STRUCTURE:

Mainly medium to thick-bedded, with some scattered sequences of thin to very thin-bedded argillite. Bedding in siltstone and quartzite is indistinct and wavy. These sediments are medium to fine-grained, with some beds distinctly graded fining upwards. Rip-up clasts and minor soft sediment deformation is common in siltstone-quartzite beds. Argillite thin-bedded sequences show sharp, flat bedding and some beds are very finely parallel laminated.

TECTONIC STRUCTURE:

Bedding to core at 43.0 m = 56°; at 60.0 m = 52°; 68.5 = 48°; 92.5 = 53°.

GENERAL ALTERATION:

Regional as previously described, but with widely scattered late light green chloritic silicified patches. These late silicified bands are associated with subhedral pink garnets and locally weak sericitization.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Some weakly disseminated pyrrhotite.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From meters	To meters	
92.5	105.6	**LITHOLOGY:** **HOLE#: M06-6** Homogenized argillite and siltstone unit.
		COLOUR: Light grey.
		PRIMARY STRUCTURE: Massive, no bedding, grades back and forth between argillite and siltstone.
		TECTONIC STRUCTURE: At 100.0 m a 10 cm thick gauge-filled shear zone C/A = 90°; 102.6 to 103.4 m Fault zone? cut core at ?
		GENERAL ALTERATION: Generally fining sericitic with late coarsely crystalline biotite disseminated throughout the unit.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Pyrrhotite is relatively abundant throughout this unit. Pyrrhotite occurs as blebs and small lenses of massive pyrrhotite. Pyrrhotite content ranges between 1% and locally up to 10%.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From	To	LITHOLOGY:	HOLE#: M06-6
meters			
105.6	109.5	Actinolitic, tremalitic, biotitic, chloritic limestone.	

COLOUR:

Light grey, mottled green and brown

TEXTURE:

Medium crystalline limestone with irregular bands and patches of brown biotite overpainted by late actinolite and tremolite. Finely crystalline dark green and blackish green chlorite occurs in massive bands and patches throughout this unit.

TECTONIC STRUCTURE:

GENERAL ALTERATION:

See above.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Very rare, widely scattered specks of sphalerite and pyrrhotite.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From	To	LITHOLOGY:	HOLE#: M06-6
meters			
109.5	122.0	Homogenized unit consisting of mixed lenses of siltstone and argillite.	

COLOUR:

Brownish grey mottled reddish brown

PRIMARY STRUCTURE:

Massive, slump structured, generally fine-grained sediments consisting of argillite mixed in with siltstone. Dewatering structures are scattered throughout. Some sections look as if they were fragmental units, but the fragmented texture may be the result of biotitization.

TECTONIC STRUCTURE:

GENERAL ALTERATION:

Generally sericitic and strongly overprinted by brown biotite. Brown biotite appears to be replacing dewatering-type structures, and possibly clasts.

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Rare disseminated pyrrhotite.

SAMPLE #	From	To	Length			

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DRILL HOLE RECORD

From meters	To	
122.0	139.5	**LITHOLOGY:** **HOLE#: M06-6** Fragmental, composed mainly of a quartzite matrix with quartzite clasts, 123.0 to 126.5 m bedded siltstone.
		COLOUR: Generally light brownish grey, mottled white and light grey.
		PRIMARY STRUCTURE: Massive clasts are generally rounded to sharp and angular. Range in size between 2 mm and 10 mm, and rarely 50 mm in size. Clasts are generally matrix-supported, and show no preferred orientation 126.5 to 127.0 m. The fragment is clast-supported, and clasts have a preferred orientation at 56 to C/A; at 123.0 m bedding to core = 58° .
		TECTONIC STRUCTURE: At 127.0 m barren quartz vein 5 cm thick cuts core at 38°.
		GENERAL ALTERATION: Fragmental unit is intensely silicified and some of the clasts are completely altered to white sericite. The matrix generally biotitic (weakly) and weakly sericitic.
		MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE: Very rare specks of pyrrhotite.

SAMPLE #	From	To	Length			

ST. EUGENE MINING CORP

DRILL HOLE RECORD

From meters	To	LITHOLOGY: **HOLE #: M06-6**
139.5	211.0	Quartzite mixed with siltstone, homogenized unit.

COLOUR:

Light grey with white mottling, overprinted by brown to black speckling and banding.

PRIMARY STRUCTURE:

Massive 'NO' bedding. Mainly medium to fine-grained quartzite that can locally grade into siltstone.

TECTONIC STRUCTURE:

At 155.0 – 155.5 m fault zone cuts core at 33°. Consists of finely-brecciated quartzite with some fault gauge.
Bedding at 207.0 m = 62°; at 175.0 m a shear zone 5 cm thick cuts core at 30°.

GENERAL ALTERATION:

Intensely silicified and overprinted by spotty albititization. The albititization and silicification are both strongly developed. Some late patchy tremolite and actinolite.
From 109.8 to 203.4 albititization and biotitization becomes very intense. Here the coarsely crystalline biotite is associated with weak carbonatization.

END

OF

HOLE

MINERALIZATION & ASSOCIATED ALTERATIONS, HOST STRUCTURE:

Very rare specks of pyrrhotite at 158.0 m. A 30 cm thick barren bull quartzite cut core at 35°.
At 206.5 m hairline fractures host sphalerite cut C/A at 10° and 32°.

SAMPLE #	From	To	Length			

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To: **ST. EUGENE MINING CORP**
701 - 675 WEST HASTINGS AVE.
VANCOUVER BC V6B 1N2

Finalized Date: 8-NOV-2006
Account: STEUGE

CERTIFICATE VA06106003

Project: Monroe

P.O. No.:

This report is for 42 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-OCT-2006.

The following have access to data associated with this certificate:

ROLAND TRENAMAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
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
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Ag-AA46	Ore grade Ag - aqua regia/AA	AAS

Munroe Lake - M06-01 CORES

APPENDIX II ASSAYS

To: **ST. EUGENE MINING CORP**
ATTN: ROLAND TRENAMAN
701 - 675 WEST HASTINGS AVE.
VANCOUVER BC V6B 1N2

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:
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 8-NOV-2006
Account: STEUGE

Project: Monroe

CERTIFICATE OF ANALYSIS VA06106003

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
M304351		1.38	>100	0.55	40	<10	10	<0.5	32	0.16	679	38	<1	839	28.7	<10
M304352		3.12	20.0	0.78	725	<10	20	<0.5	3	15.2	103.0	12	6	463	11.90	<10
M304353		1.92	31.6	0.48	623	<10	10	<0.5	<2	22.5	184.5	12	1	471	11.30	<10
M304354		1.42	35.0	0.16	6	<10	10	<0.5	26	0.62	24.5	23	4	554	16.3	<10
M304355		2.48	17.9	2.53	427	<10	100	1.3	14	0.99	25.1	6	29	57	4.60	10
M304356		1.84	91.6	0.71	>10000	<10	60	<0.5	76	0.24	781	90	1	731	30.2	<10
M304357		2.02	47.3	5.26	23	<10	60	0.6	36	2.77	571	13	24	154	9.80	20
M304358		3.42	3.7	4.84	69	<10	380	0.5	2	12.85	24.4	5	22	62	5.73	20
M304359		2.58	3.3	5.08	103	<10	420	0.5	3	13.8	17.8	7	22	47	5.37	30
M304360		1.52	3.8	1.28	3	<10	60	<0.5	4	7.72	6.4	2	5	27	1.81	<10
M304361		1.42	>100	2.42	62	<10	150	<0.5	191	5.11	452	22	16	291	10.30	10
M304362		2.66	3.9	1.91	<2	<10	80	0.7	6	4.72	38.3	16	17	192	8.44	10
M304363		2.18	43.9	1.84	21	<10	100	<0.5	92	15.2	35.5	4	11	38	3.32	10
M304364		1.80	6.4	0.64	<2	<10	40	<0.5	14	8.69	8.4	2	2	15	1.40	<10
M304365		1.70	81.7	0.74	<2	<10	60	<0.5	181	9.45	775	12	<1	41	3.34	<10
M304366		2.26	1.5	0.46	3	<10	40	<0.5	3	7.81	5.3	<1	1	3	0.68	<10
M304367		1.96	1.1	1.58	4	<10	140	<0.5	2	16.1	4.9	1	2	3	1.54	10
M304368		1.56	98.1	0.92	<2	<10	70	<0.5	209	13.3	742	12	<1	57	3.68	<10
M304369		0.94	11.9	0.48	3190	<10	20	<0.5	57	0.78	67.1	30	<1	813	>50	<10
M304370		2.34	29.1	3.44	>10000	<10	190	1.0	140	3.68	31.4	33	27	185	8.82	10
M304371		2.50	20.8	3.04	>10000	<10	150	0.7	93	7.03	57.4	39	16	343	12.50	10
M304372		1.02	49.5	1.45	4680	<10	100	0.5	234	6.65	345	20	5	179	5.81	10
M304373		2.28	11.3	1.48	62	<10	80	<0.5	17	9.25	126.0	8	5	33	2.27	<10
M304374		2.46	<0.2	0.30	241	<10	10	<0.5	2	20.3	0.7	2	<1	4	1.26	<10
M304375		2.38	<0.2	0.07	13	<10	20	<0.5	<2	20.6	<0.5	1	<1	1	0.94	<10
M304376		2.24	5.5	0.54	12	<10	40	<0.5	21	14.4	8.6	2	<1	6	0.98	<10
M304377		2.24	67.4	0.92	9	<10	50	<0.5	254	5.89	97.5	6	2	45	2.70	<10
M304378		2.76	17.5	2.72	>10000	<10	190	0.9	93	1.50	1.9	15	27	3	3.58	10
M304379		1.72	14.6	4.62	>10000	<10	70	0.9	64	5.65	322	39	20	177	9.40	20
M304380		2.76	5.6	5.63	414	<10	140	<0.5	27	11.30	12.8	5	16	301	12.50	30
M304381		1.54	3.1	6.64	1610	<10	170	2.0	14	4.33	35.3	6	36	124	6.44	20
M304382		2.36	5.0	5.27	2170	<10	200	1.1	33	3.30	52.9	9	40	196	10.50	10
M304383		2.72	4.6	2.97	>10000	<10	120	0.9	149	1.64	13.8	21	29	23	3.32	10
M304384		2.14	11.7	2.82	467	<10	120	<0.5	23	16.9	131.0	10	5	40	3.21	10
M304385		2.74	9.7	4.18	>10000	<10	140	0.9	49	4.56	2.6	69	29	94	8.52	10
M304386		0.76	77.5	1.12	141	<10	20	<0.5	312	0.73	48.0	25	4	1090	36.0	<10
M304387		2.12	1.3	1.49	6220	<10	50	<0.5	6	0.75	<0.5	4	22	5	1.36	<10
M304388		2.26	2.5	2.24	>10000	<10	80	0.5	11	1.21	1.4	53	22	58	4.21	10
M304389		2.94	13.3	0.50	4490	<10	30	<0.5	52	0.18	8.4	45	8	1305	32.0	<10
M304390		3.38	4.9	0.37	7640	<10	40	<0.5	22	0.17	22.6	60	<1	727	35.7	<10

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VANCOUVER BC V6B 1N2

Finalized Date: 8-NOV-2006
Account: STEUGE

Project: Monroe

CERTIFICATE OF ANALYSIS VA06106003

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	Ti
	Units	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	0.01
M304351		2	0.14	20	0.19	1680	<1	0.02	91	50	>10000	6.53	198	<1	7	0.01
M304352		<1	0.23	<10	0.54	7050	<1	0.02	31	730	>10000	6.78	43	1	183	0.04
M304353		1	0.26	<10	0.55	9010	<1	0.01	30	330	>10000	7.3	66	1	222	0.02
M304354		<1	0.03	<10	0.06	295	<1	0.01	58	40	>10000	4.90	54	<1	10	0.01
M304355		<1	0.83	20	1.46	871	<1	0.11	10	180	>10000	2.26	33	4	59	0.14
M304356		2	0.57	<10	0.71	1740	<1	0.01	95	50	>10000	5.36	260	<1	7	0.03
M304357		1	4.14	<10	5.18	4140	<1	0.04	12	270	>10000	7.35	73	7	26	0.18
M304358		1	4.14	<10	7.42	9240	<1	0.03	6	260	2940	1.47	7	4	211	0.17
M304359		<1	4.38	10	6.00	7520	<1	0.03	9	170	2570	1.26	7	3	187	0.18
M304360		<1	0.58	<10	1.38	3220	1	0.02	1	100	3200	0.67	6	<1	101	0.07
M304361		<1	1.34	<10	2.53	3340	<1	0.02	26	210	>10000	5.60	183	3	56	0.12
M304362	MO6-1	<1	0.59	10	1.62	1760	<1	0.02	26	560	3140	4.69	8	2	71	0.14
M304363		<1	0.70	<10	7.96	8680	<1	0.02	2	200	>10000	1.5	26	2	410	0.07
M304364		1	0.57	<10	2.17	4500	2	0.01	<1	70	4990	0.48	16	<1	195	0.01
M304365		1	0.62	<10	1.36	4750	4	0.01	<1	20	>10000	4.74	82	<1	228	<0.01
M304366		<1	0.39	<10	1.51	3650	<1	0.01	<1	30	1100	0.13	10	<1	195	<0.01
M304367		1	1.44	<10	7.33	7710	<1	0.02	<1	100	713	<0.01	9	1	665	0.01
M304368		1	0.59	<10	1.71	6260	<1	0.02	5	20	>10000	6.79	75	<1	389	<0.01
M304369		<1	0.07	<10	0.14	497	<1	0.04	89	30	2340	4.83	12	<1	17	0.01
M304370		1	0.84	10	1.72	1510	<1	0.20	19	330	6140	3.72	41	4	98	0.11
M304371		<1	1.29	10	1.84	2640	<1	0.12	22	250	4440	5.03	42	3	90	0.11
M304372		<1	0.38	10	0.71	2360	<1	0.07	6	330	>10000	4.15	36	1	66	0.05
M304373		1	0.81	10	2.15	3530	3	0.02	5	140	8430	1.86	10	1	167	0.06
M304374		<1	0.06	<10	11.70	7450	<1	0.01	<1	20	121	<0.01	4	<1	1190	<0.01
M304375		<1	0.02	<10	11.55	7460	<1	0.02	<1	10	233	<0.01	2	<1	2320	<0.01
M304376		<1	0.46	<10	2.82	5890	<1	0.01	<1	40	2550	0.29	12	<1	526	0.01
M304377		<1	0.52	<10	1.72	2880	<1	0.02	7	70	>10000	2.08	22	<1	105	0.03
M304378		1	0.79	10	1.01	685	<1	0.24	16	320	3870	1.47	109	5	89	0.08
M304379		1	2.30	10	3.14	2940	<1	0.17	17	290	2700	4.83	36	6	94	0.14
M304380		1	4.71	10	5.88	5520	<1	0.03	15	240	1060	4.35	4	4	79	0.17
M304381	MO6-4	1	1.67	10	2.42	1570	<1	0.41	11	490	665	2.50	7	6	236	0.17
M304382		1	1.19	10	1.69	1250	<1	0.33	24	380	736	4.44	7	7	142	0.15
M304383		<1	0.51	10	0.59	392	<1	0.27	16	270	637	1.63	80	4	76	0.06
M304384		1	1.36	<10	8.23	7910	2	0.02	3	50	7910	1.7	19	2	838	0.05
M304385		1	1.33	20	2.00	1860	<1	0.18	92	700	2480	3.64	148	5	86	0.12
M304386		1	0.22	<10	0.30	405	<1	0.06	121	90	>10000	5.20	29	1	30	0.04
M304387		<1	0.43	<10	0.57	399	<1	0.09	2	280	421	0.33	21	3	30	0.06
M304388		<1	0.38	<10	0.52	394	<1	0.22	18	460	835	2.04	43	3	55	0.08
M304389		<1	0.16	<10	0.26	293	<1	0.02	117	360	4190	8.14	22	1	9	0.04
M304390		<1	0.14	<10	0.05	211	<1	0.03	128	330	1400	6.79	52	1	9	0.02

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To: ST. EUGENE MINING CORP
701 - 675 WEST HASTINGS AVE.
VANCOUVER BC V6B 1N2

Finalized Date: 8-NOV-2006
Account: STEUGE

Project: Monroe

CERTIFICATE OF ANALYSIS VA06106003

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-AA46 Ag ppm 1	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01
M304351		<10	<10	6	<10	>10000	123	9.28	19.30
M304352		<10	<10	11	10	>10000		1.42	2.98
M304353		<10	<10	7	<10	>10000		2.23	3.58
M304354		<10	<10	1	<10	3570		2.81	
M304355		<10	<10	21	<10	3900		1.60	
M304356		<10	<10	9	<10	>10000		9.27	13.25
M304357		<10	<10	51	10	>10000		4.06	9.55
M304358		<10	<10	40	<10	3970			
M304359		<10	<10	34	<10	2870			
M304360		<10	<10	9	<10	1010			
M304361		<10	<10	26	10	>10000	141	13.50	7.11
M304362	M06-1	<10	<10	21	<10	5270			
M304363		<10	<10	32	<10	4340		2.79	
M304364		<10	10	12	<10	1180			
M304365		<10	<10	4	10	>10000		6.58	11.30
M304366		<10	<10	6	110	786			
M304367		<10	<10	22	<10	838			
M304368		<10	<10	5	<10	>10000		6.26	9.49
M304369		<10	<10	14	<10	>10000			1.02
M304370		<10	<10	38	<10	4230			
M304371		<10	<10	30	<10	7690			
M304372		<10	<10	13	<10	>10000		0.98	4.38
M304373		<10	10	10	<10	>10000			1.44
M304374		<10	<10	9	<10	158			
M304375		<10	<10	7	<10	104			
M304376		<10	<10	6	<10	1210			
M304377		<10	<10	10	50	>10000		2.57	1.21
M304378		<10	<10	18	<10	330			
M304379		<10	<10	46	10	>10000			5.58
M304380		<10	<10	42	<10	2780			
M304381		<10	<10	46	<10	5320			
M304382	M06-4	<10	<10	56	<10	7770			
M304383		<10	<10	22	<10	2030			
M304384		<10	10	20	<10	>10000			1.88
M304385		<10	<10	43	<10	545			
M304386		<10	<10	13	<10	5840		2.25	
M304387		<10	<10	21	<10	87			
M304388		<10	<10	23	<10	209			
M304389		<10	<10	13	<10	1310			
M304390		<10	<10	7	<10	3250			

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CERTIFICATE OF ANALYSIS VA06106003

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
M304391 } M06-4		2.42	12.6	0.40	5420	<10	40	<0.5	49	0.18	15.8	15	8	83	3.91	<10
M304392 }		2.36	0.3	0.26	2200	<10	30	<0.5	2	0.20	0.6	5	6	36	1.56	<10

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CERTIFICATE OF ANALYSIS VA06106003

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	Ti
	Units	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	0.01
M304391 3 M06-4		<1	0.20	<10	0.07	99	<1	0.02	14	220	4080	2.03	27	1	7	0.04
M304392 5		<1	0.12	20	0.03	45	1	0.01	10	440	122	0.85	6	1	6	0.03

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CERTIFICATE OF ANALYSIS VA06106003

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-AA46	Pb-AA46	Zn-AA46
	Analyte	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	10	10	1	10	2	1	0.01	0.01
M304391		<10	<10	6	<10	2020			
M304392		<10	<10	3	<10	91			

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M06-02
M06-03

Finalized Date: 13-DEC-2006
Account: STEUGE

Project: Monroe

CERTIFICATE OF ANALYSIS VA06120127

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Ag-AA46 Ag ppm 1	Pb-AA46 Pb % 0.01	Zn-AA46 Zn % 0.01
M304301		2.46	<1	0.02	0.04
M304302		1.36	3	0.28	0.87
M304303	M06-2	2.54	2	0.19	0.11
M304304		2.74	7	0.31	0.30
M304305		0.98	21	0.87	0.23
M304306		2.96	9	0.52	0.15
M304307		3.06	15	0.74	0.20
M304308		3.22	<1	0.02	0.03
M304309		2.38	4	0.31	0.10
M304310		2.28	7	0.51	0.69
M304311		2.50	2	0.21	0.42
M304312		3.08	1	0.10	0.02
M304313		1.98	6	0.42	0.08
M304314		1.48	135	7.73	0.07
M304315		2.76	1	0.07	0.04
M304316		2.84	10	0.63	0.39
M304317		2.06	36	1.91	1.14
M304318	M06-3	3.06	4	0.27	0.23
M304319		2.62	1	0.03	0.02
M304320		3.16	1	0.06	0.04
M304321		3.36	27	0.85	0.59
M304322		2.92	8	0.26	0.41
M304323		3.06	3	0.11	1.06
M304324		2.80	17	0.51	0.97
M304325		2.88	17	0.49	0.69
M304326		3.50	5	0.14	0.07
M304327		2.40	7	0.21	0.18
M304328		3.24	14	0.29	0.04
M304329		3.14	10	0.19	1.55
M304330		2.74	13	0.25	0.53
M304331		2.88	5	0.10	1.19
M304332		2.16	4	0.08	0.68
M304333		3.02	2	0.04	0.09
M304334		3.16	<1	0.01	0.02