

**1999 ASSESSMENT REPORT
ON THE
MOOSEHORN PROPERTY**

094 045 Yukon Territory
NTS 115 N/02

Latitude 63°06'
Longitude 140°52'

Whitehorse Mining District

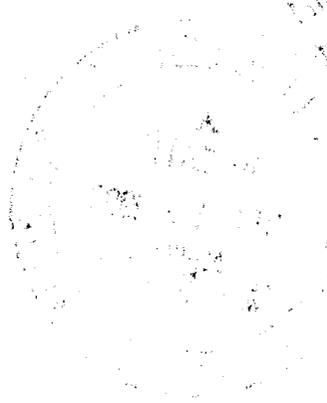


QUARTZ CLAIMS

- LAD 1 - 36 (YC09350 - YC09385)
- LAD 39 - 152 (YC09388 - YC09501)
- LAD 155 (YC09504)
- LAD 157 - 160 (YC09506 - YC09509)
- LAD 162 - 302 (YC09511 - YC09649)

For: TROYMIN RESOURCES Ltd.
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This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount

of \$2,000.00.

for

M. B. ...

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

TABLE OF CONTENTS

| | |
|---|----|
| INTRODUCTION..... | 1 |
| LOCATION AND ACCESS | 1 |
| PHYSIOGRAPHY AND CLIMATE | 1 |
| PROPERTY STATUS..... | 3 |
| HISTORY | 3 |
| GEOLOGY | |
| REGIONAL GEOLOGY | 6 |
| PROPERTY GEOLOGY | 8 |
| 1999 EXPLORATION PROGRAM..... | 9 |
| RESULTS | |
| STREAM SEDIMENT SAMPLE RESULTS | 10 |
| SOIL SAMPLE RESULTS..... | 11 |
| PROSPECTING AND ROCK SAMPLE RESULTS | 11 |
| CONCLUSIONS AND RECOMMENDATIONS | 12 |
| REFERENCES | 14 |
| STATEMENT OF QUALIFICATIONS..... | 15 |
| STATEMENT OF EXPENDITURES | 16 |

LIST OF FIGURES

| | | |
|----------|--|-----------|
| Figure 1 | Property Location Map (1:6,000,000)..... | 2 |
| Figure 2 | Claim Map (1:50,000)..... | 4 |
| Figure 3 | Regional Geology Map (1:150,000) | 7 |
| Figure 4 | Geology and Sample Location Map (1:10,000) | In Pocket |

APPENDICES

| | |
|--------------|--|
| Appendix I | Rock Sample Descriptions |
| Appendix II | Geochemical Analytical Certificates |
| Appendix III | Stream Sediment Sample Dot Plots (Au, Ag, As, Sb, Bi, Pb, Zn, W, Hg) |
| Appendix IV | Soil Sample Dot Plots (Au, Ag, As, Sb, Bi, Pb, Zn, W, Hg) |

INTRODUCTION

The Moosehorn Property (LAD claims) was staked in March of 1999 to cover ground prospective for large tonnage, intrusive hosted precious metals mineralization. The property is adjacent to Barramundi Gold's' Longline Property, where high-grade gold-in-quartz veins has been encountered in numerous drill holes. To date, there has been over 50,000 ounces of gold produced from placer mining activity in the immediate area.

A review of previous exploration work in the area revealed that the ground covered by the LAD claims has been explored mainly for its placer potential and that hard rock exploration has been focused to the west. The 1999 exploration program consisted of reconnaissance stream sediment sampling, ridge-and-spur soil sampling, prospecting and rock sampling. A crew of two geologists was mobilized on June 2 and de-mobilized on July 1.

LOCATION AND ACCESS

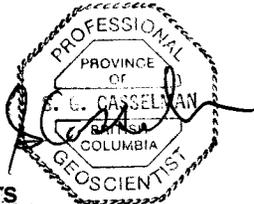
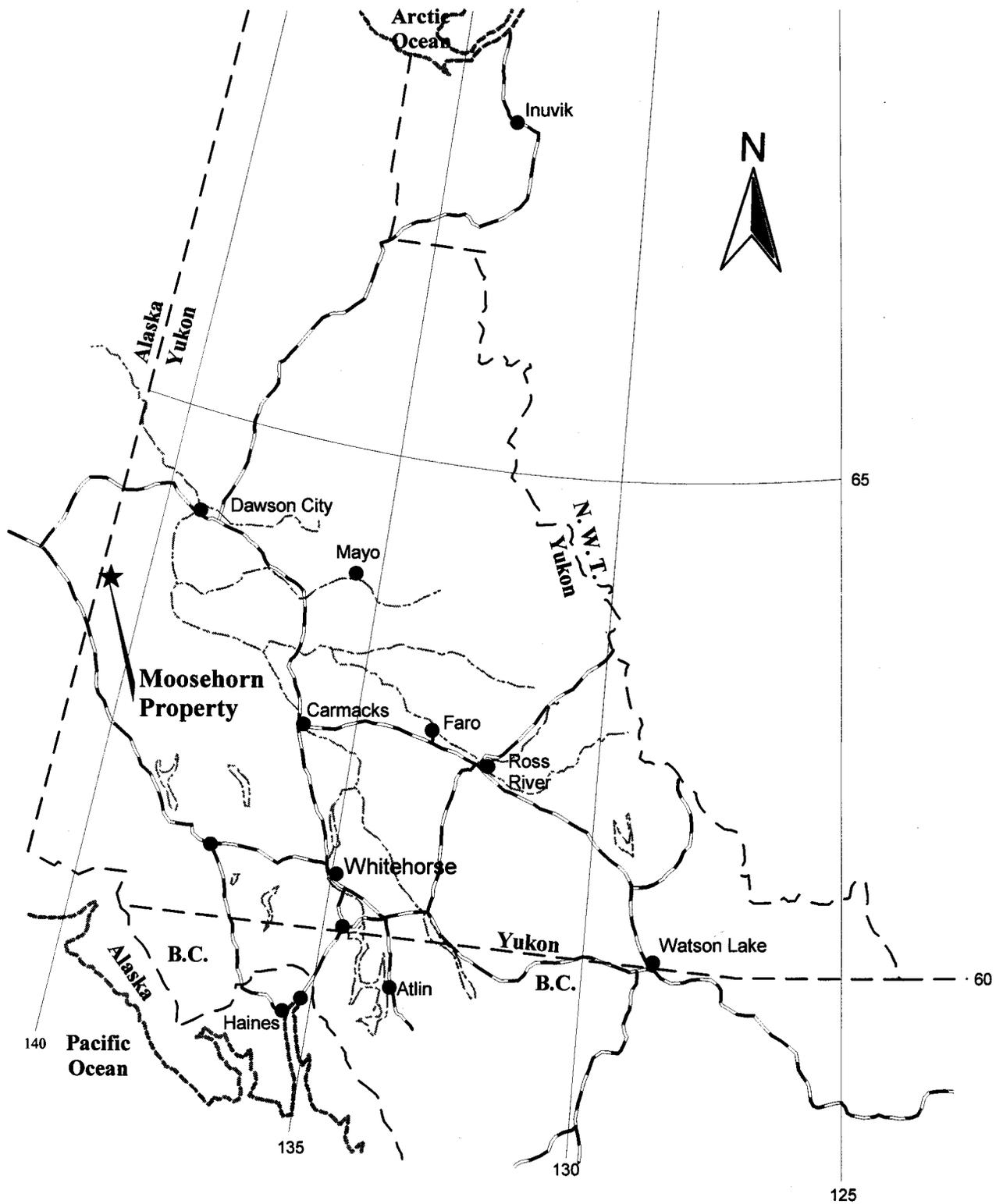
The Moosehorn Property is located 80 km north of Beaver Creek, near the Yukon - Alaska border (Figure 1). It is on NTS map sheet 115N-02, centered at approximately latitude 63° 06' and longitude 140° 52'. The property is accessible by a winter cat trail from Beaver Creek, by helicopter from Dawson City, or by fixed-wing aircraft to an airstrip in the center of the property. For the 1999 program access was by fixed wing aircraft from Whitehorse.

A network of roads and trails has been established throughout the area to support the placer mining activities. Two All Terrain Vehicles (ATVs) were rented from the local placer operator, Moosehorn Exploration Ltd., to provide access on the property for the 1999 exploration program.

PHYSIOGRAPHY AND CLIMATE

The property covers the east slope of the central portion of the Moosehorn Range Mountains and the headwaters of Claymore Creek (local name). Elevations on the property range from 520 m (1700 ft) to 1220 m (4000 ft). Vegetation on the property ranges from boggy swamp in the valley floor with wet hummocky grasses, through spruce swamp to well forested lower slopes of poplar and spruce. At upper elevations the trees become dwarf spruce and grade into barren alpine vegetation on the top of the range

The area escaped continental glaciation and is underlain by extensive permafrost, especially on north-facing slopes. These two features have resulted in relatively little outcrop exposure (less than 10%). Most outcrop is confined to ridge tops and occasional creek exposures. Ridge tops are generally covered by large blocky felsenmeer which is locally derived. Slopes are covered by talus, residual soils and soliflucted silt, sand and organic material. The climate in the area is typified by moderate to low precipitation (30 cm annually), dry summers and cold winters.



**TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY**

Property Location Map

Figure 1

Casselmann Geological Services

1:6000000



PROPERTY STATUS

The Moosehorn Property consists of 294 LAD claims, staked in March of 1999, covering approximately 6,100 hectares (Figure 2). The claims are in the Whitehorse Mining District on Quartz Claim Map 115N-02. Claim information is as follows:

| Claim Name | Grant Nos. | Expiry Date* |
|-------------------|-------------------|---------------------|
| LAD 1 - 5 | YC09350 - YC09354 | March 15, 2003 |
| LAD 138 - 142 | YC09487 - YC09491 | “ |
| LAD 175 - 180 | YC09524 - YC09529 | “ |
| LAD 209 - 214 | YC09558 - YC09563 | “ |
| LAD 245 - 250 | YC09594 - YC09599 | “ |
| LAD 281 - 284 | YC09630 - YC09633 | “ |
| LAD 6 - 36 | YC09355 - YC09385 | March 15, 2002 |
| LAD 39 - 137 | YC09388 - YC09486 | “ |
| LAD 143 - 152 | YC09492 - YC09501 | “ |
| LAD 155 | YC09504 | “ |
| LAD 157 - 160 | YC09506 - YC09509 | “ |
| LAD 162 - 174 | YC09511 - YC09523 | “ |
| LAD 181 - 208 | YC09530 - YC09557 | “ |
| LAD 215 - 244 | YC09564 - YC09593 | “ |
| LAD 251 - 280 | YC09600 - YC09629 | “ |
| LAD 285 - 300 | YC09634 - YC09649 | “ |

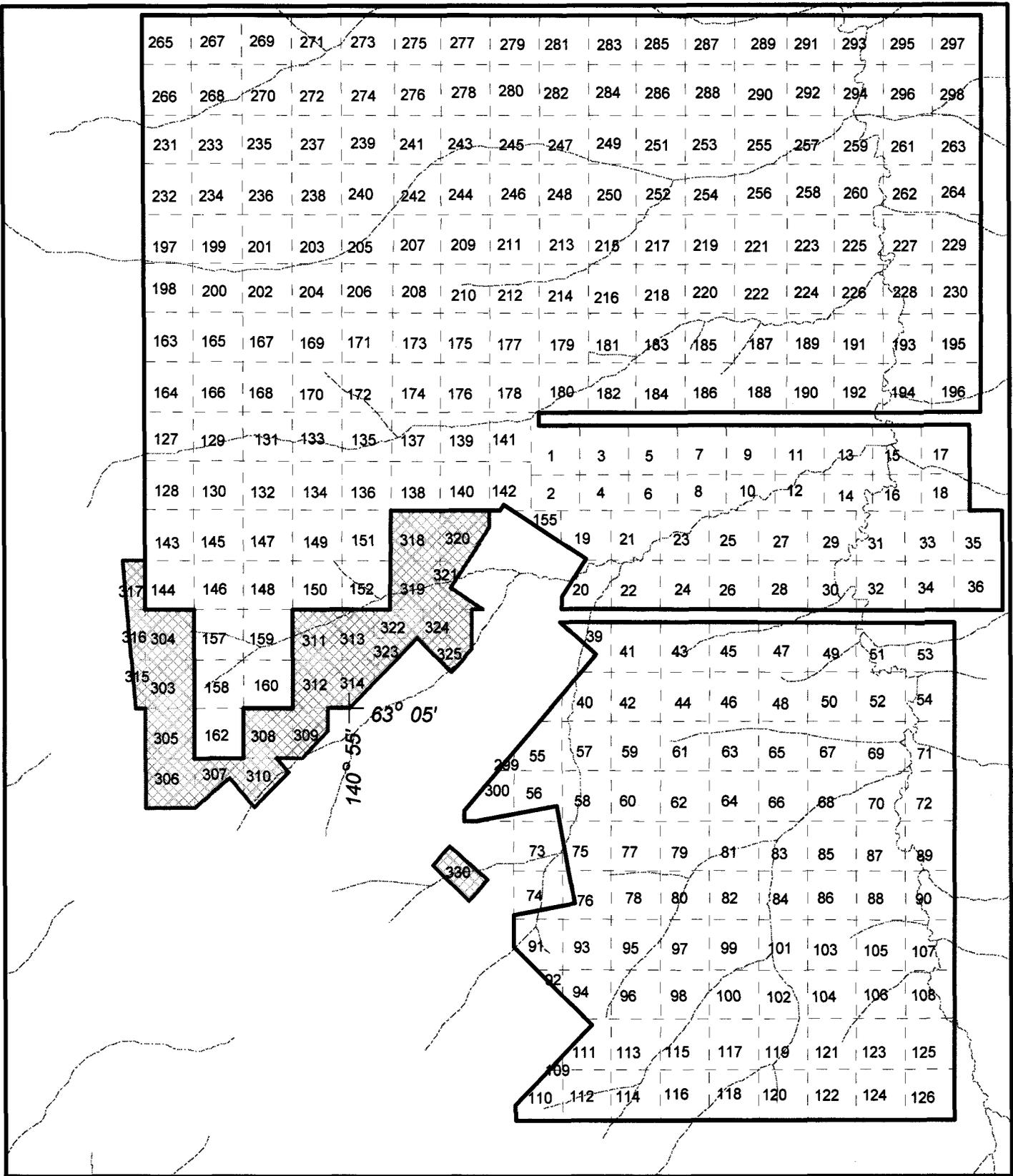
* Expiry dates are based on the 1999 work program being accepted for assessment credits.

As well, 24 new LAD claims were staked during the program to cover claim fractions. The new claims have been filed with the mining recorder and Troymin is awaiting their approval.

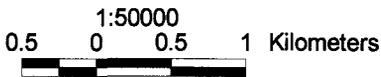
HISTORY

Gold was first discovered in float on the northeast side of the Moosehorn Range by prospectors during a regional porphyry copper exploration program for Quintana Minerals Corporation in 1970. The discovery area was staked in 1972 as the Dea claims (now REEF-A claims) and a limited amount of hand trenching was conducted that year. The property was later allowed to lapse.

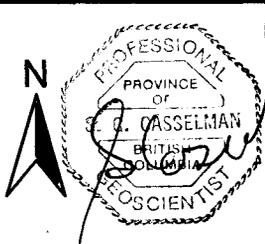
In 1973, prospectors K. Robertson and I. Warrick discovered gold-bearing quartz veins on the top of the ridge and staked the REEF 1 to 4 claims. They later added to the REEF claim package and conducted trenching, bulk sampling and small scale production from the veins in 1986 and 1987 as Moosehorn Exploration Ltd. Moosehorn later turned



New LAD Claims
(not granted yet)



NTS 115N-02



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY

**LAD Claims
Location Map**

November, 1999

Casselmann Geological Services

Figure 2

their attention to placer mining on Kate and Great Bear creeks on the east side of the ridge.

In 1974, Great Bear Mining Ltd. re-staked the Dea claims and conducted soil geochemical surveys, ground magnetometer and EM 16 surveys and trenching. The results were very encouraging with very high gold assays obtained from trench samples. These results precipitated a staking rush in the winter and spring of 1975.

In 1975, Great Bear conducted an extensive program of bulldozer trenching, prospecting, soil geochemical surveying and completed 696 m (2,284 ft) of diamond drilling in 19 holes. The drilling intersected numerous arsenopyrite-galena-sphalerite bearing quartz veins with highly variable gold content. The best intercept was 256.8 g/t gold (7.49 oz/t) gold over 0.15 m (0.5 ft).

Also in 1975, Claymore Resources Ltd. was conducting an exploration program on their Lori claims (now REEF claims), immediately northwest of the Dea claims. Grab samples from quartz-arsenopyrite veins on the Lori claims returned 325.7 g/t (9.5 oz/t) and 3,017.2 g/t (88 oz/t) gold. During this program placer gold was discovered on Discovery Creek (now Kenyon Creek) on the west slope of the Moosehorn Range.

The discovery of rich placer gold sparked a placer claim staking rush in the area. Since then there have been placer mining operations on Discovery and Swamp Creek on the west side of the mountain and on Kate, Great Bear and Claymore Creeks on the east side, as well as other smaller operations. To date there has been over 50,000 oz of placer gold produced from the Moosehorn area.

Barramundi Gold has been involved in the area since 1995 when they optioned claims on the west side of the Moosehorn Range. They have since added to their ground by staking and acquiring further options. Their land package now consists of 783 claims. Barramundi has conducted extensive soil geochemical surveys, IP geophysical surveys, trenching and diamond drilling. In 1999, they drilled 34 holes: 22 to test the "Swede's Pit" area, and 12 testing other targets on the property. The target at "Swede's Pit" is an auriferous quartz-arsenopyrite vein that is generally less than 1 m wide, strikes northerly and dips 30° to the east. Numerous multi-ounce gold values have been obtained from "Swede's Pit" in drill holes and trenches. The best drill intercept in 1999 was 386.6 g/t (11.28 oz/t) over 0.66 m (2.2 ft). The 12 holes drilled elsewhere on the property encountered variable results with the best intercept being 45.7 g/t Au (1.33 oz/t) over 0.20 m (0.66 ft).

GEOLOGY

REGIONAL GEOLOGY

Recent age dating of the intrusive rocks in the Moosehorn area by the Yukon Geology Program has determined them to be 105 Ma, placing them clearly in the Cretaceous rather than Early Jurassic to Cretaceous as previously thought. Thus, where they were formerly classified as Klotassin Batholith, they are now recognized as being part of the Cretaceous Dawson Range Intrusion. The Dawson Range Intrusion (mKgw on Figure 3) is a northwest trending granitic body that extends over 300 km. It is a heterogeneous intrusion comprised of several phases (Sinclair, et.al., 1975). They are:

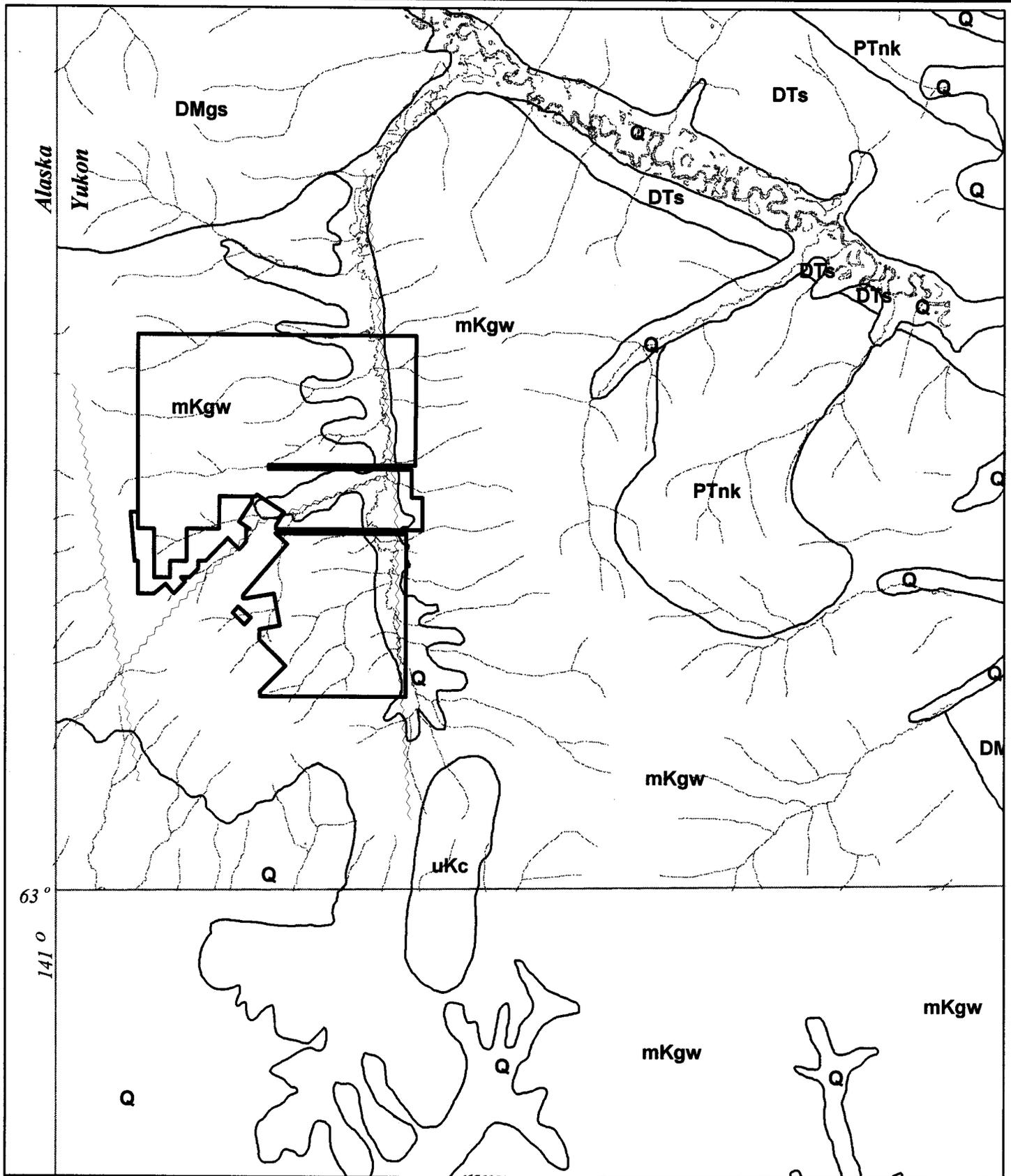
1. an early, foliated, hornblende (+/- biotite) granodiorite to quartz-diorite.
2. massive, equigranular to porphyritic plutons of biotite-hornblende granodiorite and quartz-monzonite.
3. late granodiorite and quartz-diorite porphyry dykes and plugs.

The hornblende (+/- biotite) granodiorite is extensively foliated with coarse-grained plagioclase, hornblende and biotite grains linedated in the plane of foliation. It consists of 50% coarse-grained plagioclase, 0 to 20% potassium feldspar, 5 to 35% quartz and 10 to 40% mafic minerals as hornblende and medium-grained, brown biotite. Common accessory mineral include magnetite, sphene, epidote and apatite. Minor chlorite alteration of the biotite is present.

A massive, medium- to coarse-grained, equigranular biotite-hornblende granodiorite pluton, known as the Moosehorn Range Granodiorite underlies much of the Moosehorn Range Mountains. It contains 10 to 20% quartz and 20 to 40% biotite and hornblende in varying proportions. Plagioclase is the dominant feldspar and occurs as medium- to coarse-grained, euhedral to subhedral, strongly zoned grains. Accessory minerals include fine-grained epidote, magnetite, apatite and sphene. Sericitization is present in trace to moderate amounts.

The third phase of granitic rocks, porphyritic granodiorite and quartz-diorite dykes and plugs, are common in the southern portion of the Moosehorn Range. Their field relations are not obvious, but they are probably intrusive dykes into the earlier granodiorite. They consist of coarse-grained hornblende and white feldspar phenocrysts (0.5-1.5 cm) in a fine- to medium-grained matrix of feldspar, biotite and quartz. Potassium Feldspar phenocrysts are rare.

The intrusive rocks are bordered to the northwest and east by banded gneissic biotite quartz monzonite of the Devonian to Mississippian Pelly Orthogneiss. To the northeast they intrude Upper Proterozoic to Triassic Klondike Schist and Devonian to Triassic Slide Mountain Greenstone. South of the Moosehorn property a small patch of brown andesitic to mafic volcanic rocks of the Upper Cretaceous Carmacks Group overlies the intrusion.



Legend

- Q Quaternary Sediments
- uKc Carmacks Andesitic to Basaltic Volcanics
- mKgw Dawson Range Intrusions
- DTs Devonian to Triassic Slide Mountain Greenstone
- PTnk Upper Proterozoic to Triassic Klondike Schist
- DMgs Devonian to Mississippian Pelly Orthogneiss



0 1:150000 5 Kilometers

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MOOSEHORN PROPERTY

Regional Geology Map

November, 1999

Figure 3

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Major north-south to northwest-southeast faults cut the Moosehorn Range. The dominant N-S faults occur along east side of the Claymore Creek valley and on the west side of the Moosehorn Range. These faults are evident as distinct N-S breaks in the government airborne magnetic surveys. Numerous northeast-southwest subsidiary faults occur between the major structures. These are expressed as some of the creeks draining the east and west slope of the Moosehorn Range.

Mineralization in the Moosehorn area consists of auriferous quartz veins in granodiorite. Milky white quartz veins of variable thickness (to 0.5 m) occur mainly along north-northwest-trending joints with shallow easterly dips (20 to 40°). The veins contain arsenopyrite, sphalerite, galena, boulangerite, coarse gold (up to 2 mm), and possibly bismuthinite and stibnite.

PROPERTY GEOLOGY

Mapping of the property geology is difficult due to the limited outcrop exposure in the area (< 10%). The alpine areas are typically blanketed by felsenmeer which appears to be locally derived and is assumed to represent local geology. Downslope, the bedrock is blanketed by an increasing thickness of colluvium. In the valley bottoms swampy conditions prevail. However, based on airphoto interpretation, the examination of the occasional outcrop and felsenmeer on ridge tops, and the distribution of boulders on slopes, some geological mapping has been conducted (Figure 4).

It appears the property is completely underlain by the various phases of the Dawson Range Intrusive rocks. The dominant rock type on the property is massive equigranular to porphyritic biotite granodiorite. Locally, especially between Great Bear and Claymore Creeks, it is very quartz-rich and can have a high concentration of quartz veining. Also in this area, on the slope west of Claymore Creek, a number of boulders of plagioclase porphyritic diorite dyke (?) were observed.

The airphoto interpretation identified a number of north-south, northeast-southwest and northwest-southeast linears (Figure 4). The two dominant linears are north-south faults, one along Claymore Creek, the other just off Figure 4 to the west. The NE-SW and NW-SE linears are believed to be splays or extension faults related to the two main structures.

In the southwest corner of Figure 4 are two slightly sigmoidal linears along Kate Creek. These structures offset a magnetic high along the ridge and are somewhat spatially related to the auriferous quartz veins located on the ridge top. They may be significant to the mineralizing event and require further study.

Two wide zones of shearing were located in the field, both trending NNW-SSE, sub-parallel to the two major faults: one was observed at the airstrip and dipped very gently to the east (10° E), the other, on top of Moosehorn Ridge, is more of a ductile deformation zone, approaching a mylonite, and had a much steeper dip.

1999 EXPLORATION PROGRAM

A field crew consisting of two geologists was mobilized to the property on June 2 and demobilized on July 1, 1999. The crew conducted stream sediment sampling (59 samples), ridge-and-spur soil sampling (191 samples) prospecting and rock sampling (61 samples).

The stream sediment sample technique involved sieving stream gravel to -12 mesh to obtain approximately 10 kilograms of material. This sample was partially dried in camp then sent to Acme Analytical Laboratories in Vancouver for processing. The processing involve drying the sample then sieving to -80 mesh. A 30 gram split of the -80 mesh fraction was digested in aqua regia then analyzed for 33 elements by Inductively Coupled Plasma (ICP), for mercury by cold vapor Atomic Absorption (AA) and for gold by MIBK extraction - graphite furnace Atomic Absorption.

Soil samples were collected on two ridge line traverses and from the undisturbed soils along roads in the central part of the property (Figure 4). Samples were collected from depths of 10 to 30 cm and consisted of the orangey-brown "B" horizon material. The samples were placed in Kraft wet-strength sample bags. They were partially dried in camp then sent to Acme Labs for drying and sieving to -80 mesh and analysis for 33 element ICP, Hg by cold vapor AA and Au by MIBK - graphite furnace AA.

Rock samples were sent to Acme Labs for drying and crushing to 60% -10 mesh. A 250 gm split was then pulverized to -100 mesh from which a 30 gm sample was analyzed for 33 element ICP, Hg by cold vapor AA and Au by MIBK - graphite furnace AA.

The sample number system for the program is as follows:

| | |
|--------|------------------------|
| MH99S- | Stream sediment sample |
| MH99L- | Soil sample |
| MH99R- | Rock sample |

RESULTS

STREAM SEDIMENT SAMPLE RESULTS

A set of stream sediment dot plot maps of have been created at 1:50,000 scale for gold, silver, arsenic, antimony, bismuth, lead, zinc, tungsten and mercury. These are included in Appendix 3.

The pattern of anomalous values of these elements illustrates that they can be divided into two anomalous groups. They are:

Group 1

Au, Ag, As, Bi, Pb and Zn anomalies forming an arc from the headwaters of Great Bear Creek, northwest to Kate Creek, and northeast along Lake Creek. The Claymore Creek valley to the east is significantly non-anomalous for these elements with the exception of one zinc value at sample MH99S-058 (76 ppm Zn).

Group 2

Sb, W and Hg anomalies tend to cluster southeast of Great Bear Creek and in the headwaters of Claymore Creek. There are a few scattered, spot anomalies of these elements to the north and northwest. The Hg values, however, are very suspect due to its volatility and poor reporting in stream sediment samples.

The Group 1 association, because of coincidence with anomalous gold values, is indicative of a proximity to the gold source. Conversely the Group 2 association would appear to be more distal. This pattern indicates a metal zonation on the property. The gold occurs with Ag, As, Bi, Pb and Zn in the core zone at Kate, Lake and Great Bear Creeks. While Sb, W and Hg occur on the periphery - to the south and east. The lack of correlation of Sb with Au is odd because stibnite is known to occur in the gold-bearing quartz veins on Moosehorn Ridge.

The gold values from stream sediment samples range from less than detection (< 0.2 ppb) to 701.6 ppb with 5 samples being greater than 100 ppb. Anomalous values are taken to be those greater than 1 standard deviation (>174 ppb). Anomalous gold values occur in the headwaters of Great Bear Creek and from Kate Creek. Both Kate and Great Bear Creek are placer producing areas and at each sample location care was taken to ensure the samples were not contaminated by material from the placer operations. Thus, while anomalous gold in stream sediments here is not surprising it does indicated the sampling procedure is effective in defining an anomalous drainage.

SOIL SAMPLE RESULTS

Gold-in-soil values range from less than detection (< 0.2 ppb) to 363.7 ppb with 4 samples > 100 ppb. The soil sample results show three areas of anomalous gold values (i.e. > 49.5 ppb): A single site anomaly in the southeast, a two sample anomaly in the headwaters of Kate Creek, and series of moderately anomalous values near the junction of Kate and Aggie Creeks. As well, there is a string of slightly elevated gold values running up the slope north from the junction of Aggie and Kate creeks.

The anomalous gold values around Kate and Aggie creeks are very interesting because of excellent coincidence with anomalous As, Bi, Sb, Pb, Zn and Ag, showing a strong multi-element association with elevated gold values. The anomalous antimony in soils is odd because this association is not expressed in the stream sediment samples.

The single site gold anomaly to the southeast has some erratic anomalous indicator elements scattered around and warrants further soil sampling in the area to determine the significance.

The two station gold anomaly in the upper reaches of Kate Creek is relatively lacking in coincident indicator element anomalies. However, the gold values here are significantly anomalous (112.4 and 136.9 ppb) and warrant further follow-up work.

PROSPECTING AND ROCK SAMPLE RESULTS

Observations made on auriferous quartz vein float obtained from the placer operations on the property revealed coarse visible gold 2 to 3 mm in size. Occasionally the gold was slightly smeared on slip planes along the margins of quartz veins. Visible gold was not observed in the auriferous veins on Moosehorn Ridge, which contained very coarse-grained bladed arsenopyrite, galena, sphalerite and possibly stibnite and/or bismuthinite.

The placer gold, observed in the clean-up operations at the Moosehorn Exploration Ltd camp, is consistently fine gold (1 to 2 mm), while coarse nuggets (>7 mm) are extremely rare. The gold is very hackley with delicate projections and quite often has visible crystal faces. Larger gold grains generally have orange quartz inclusions or are imbedded in the host quartz vein material. This would indicate a short transport distance. Also observed in the clean-up were numerous scheelite crystals up to 1 cm, a dark, non-magnetic mineral (probably ilmenite), rare garnets, pyroxenes, possibly olivine and abundant magnetite.

Five rock samples were collected from the auriferous quartz veins on Moosehorn Ridge (MH99R-047, 048 and 050 to 052). They were all anomalous for gold with sample MH99R-049 containing > 100.0 g/t Au. They also contained high concentration of arsenic (to 9.75 % As). The three samples from near the top of the ridge (050 to 052)

were also very strongly anomalous in Sb (to 0.32 %), Ag (to > 100 g/t), Pb (>10 %), Zn (0.98%), Bi (to 66.67 ppm) and Cd (to 318.25 ppm).

The most anomalous gold value from a sample on the property is sample MH99R-103 (431.9 ppb Au). This is a float sample of bull white quartz with sphalerite, galena and arsenopyrite. The sample also contained 0.4% Pb, 1.2% Zn, 10.2 g/t Ag and 0.45% As.

Prospecting, mapping and rock sampling was hampered by the lack of outcrop throughout the property. Felsenmeer at upper elevations is easy to sample but it is difficult to trace structures or mineralized zones laterally, while the lower elevations are covered by colluvium with thick swamps in the valley floors.

CONCLUSIONS AND RECOMMENDATIONS

The placer gold from Great Bear Creek is very fine-grained (generally < 2 mm) and fairly well crystalline. It tends to occur throughout the colluvium and alluvium along the slopes and filling the valley. This would indicate the gold source to be in the immediate area, possibly only a short distance upslope.

The stream sediment and soil sampling results show a strong coincidence of gold with the indicator elements Ag, As, Bi, Pb, and Zn. The stream sediment sampling program has identified a metal zonation of Au, Ag, As, Bi, Pb and Zn in the center of the property with Sb, W and Hg concentrated peripherally to the south and east.

The reconnaissance soil sample lines have identified three areas of anomalous gold values with good indicator element coincidence. A fourth area has relatively poor indicator element association but has two significantly anomalous gold values (to 136.9 ppb) adjacent to each other.

Recommendations for future work on the property are to fill-in the stream sediment sampling density in the northwest portion of the property and to completed the ridge-and-spur soil sampling throughout the property. These techniques have proven very effective in identifying multi-element anomalous zones on the property and are a very cost effective means of evaluation.

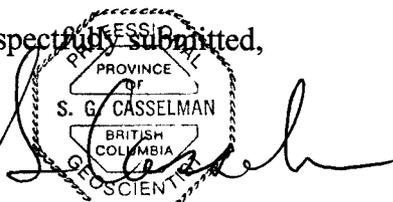
Soil sample grids should be established to cover the multi-element soil anomalies along the road between Kate and Aggie Creek and on the airstrip ridge.. A small soil sample grid could be established to evaluate the gold-in-soil anomaly east of Great Bear Creek. Further soil sample grids may be warranted pending the results of the new ridge-and spur soil program. Prospecting, mapping and rock sampling of the grids should be conducted in conjunction with the soil sampling.

To provide access to the northern part of the property it is recommended to cut ATV trails along ridges rather than in the swampy valleys. Trail cutting along ridges has proven to

be fairly quick and easy and these routes have proven less problematic than those in swampy areas. Approximately 15 line-km of ATV trails should be cut, requiring roughly 40 person-days to complete.

It is estimated the total cost of this program would be approximately \$100,000 and require 120 person-days.

Respectfully submitted,



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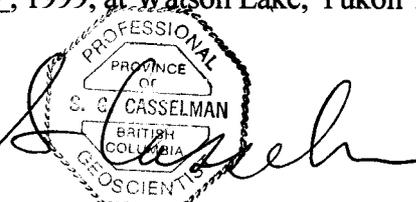
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STATEMENT OF QUALIFICATIONS

I, Scott Casselman, residing at 105 Spruce Way, P.O. Box 802, Watson Lake, Yukon Territory, Y0A 1C0, certify that:

- 1) I graduated from Carleton University, Ottawa, Ontario, with a Bachelor of Science Degree in Geology in 1985.
- 2) I am a private geological consultant and have practised the profession of geology since graduation from university.
- 3) I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20032.
- 4) I am the author of this report based on work conducted on the LAD Claims between June 2 and July 1, 1999 and on referenced reports.
- 5) I hold a 0.5% Net Smelter Royalty Return (NSR) interest on any future sale of precious or base metals produced from the LAD claims listed in this report.
- 6) I consent to the use of this report by Troymin Resources Ltd. provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

Dated this 8th day of December, 1999, at Watson Lake, Yukon Territory.


Scott G. Casselman, BSc., P.Geol.

STATEMENT OF EXPENDITURES

| | |
|--|-------------------------|
| Personnel - Scott Casselman, Project Geologist | 23,562 |
| James Gebert, Geologist | 11,375 |
| Analytical - samples | 5,111 |
| Fixed Wing Charter | 3,402 |
| Equipment Rental (ATV's and Radios) | 6,786 |
| Equipment Purchase | 1,001 |
| Fuel - propane, gas | 80 |
| Room and Board in Whitehorse | 1,241 |
| Travel within Yukon | 53 |
| Airfares (outside of Yukon Territory) | 452 |
| Expediting | 530 |
| Groceries | 1,018 |
| Shipping | 378 |
| Communications (Sat phone rental and charges) | 1,736 |
| Report Writing and Reproduction | 6,311 |
| Claim Renewal Fees | <u>3,195</u> |
| TOTAL | \$ <u>66,231</u> |

Appendix I

Rock Sample Descriptions

MOOSEHORN PROPERTY - Rock Sample Descriptions

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Gangue | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|--------|----------------------|------------------------------------|---|--------------------|---|---|
| MH99R-001 | 6995270 | 506403 | 2178 | LAD 39 | host rock | | | no visible Sx | weak pervasive alteration or weathering | non-magnetic, characterization sample |
| MH99R-002 | 6995271 | 506538 | 2370 | LAD 39 | host rock | | | traces vfg pyrite | possibly very weak Si alteration | limonite stained granitic rx with parallel fractures |
| MH99R-003 | 6995270 | 506615 | 2448 | LAD 39 | qtz-musc vein | fine-grained granodiorite | | no visible Sx | | non-magnetic, vein has wavy contact, muscovite is very coarse-grained and bleby |
| MH99R-004 | 6995270 | 506628 | 2448 | LAD 39 | host rock | qtz-rich coarse-grained bio MHgrdr | | no visible Sx | | non-magnetic, 10% very coarse-grained biotite |
| MH99R-005 | 6997460 | 506581 | 2570 | LAD 3 | vein | musc schist - sheared intrusive | milky white to clear qv + limonite, manganese staining | rare vfg py | | intensely sheared with muscovite and silica, limonite filled vugs |
| MH99R-006 | 6997456 | 506576 | 2570 | LAD 3 | sheared felsic dyke? | MH grdr | pinky-white, sheared, felsic intrusive with 5 to 10% biotite? | up to 5% dissem py | | may have been aplit dyke in grdr |
| MH99R-007 | 6997450 | 506575 | 2570 | LAD 3 | sheared grdr | grdr | | traces vfg pyrite | chlorite-biotite | dk-green-brown, chlorite-biotite-rich, sheared intrusive (grdr) strongly tectonized |
| MH99R-008 | 6997445 | 506569 | 2570 | LAD 3 | vein | grdr | sugary-white qtz vein | no Sx | | approx 0.5 m wide, strike approx 320, dip 5 deg E, sample 008 from top contact, 009 from bottom |
| MH99R-009 | 6997437 | 506563 | 2570 | LAD 3 | vein | grdr | sugary-white qtz vein | no Sx | | approx 0.5 m wide, strike approx 320, dip 5 deg E, sample 008 from top contact, 009 from bottom |

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Gangue | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|--------|-------------------------------------|---------------------------------------|--|---------------------------------------|--|---|
| MH99R-010 | 6997427 | 506553 | 2570 | LAD 3 | vein | tectonized MHG | white recrystallized qtz with orange stain + muscov septa | no visible Sx | orange staining of adjacent tectonized MHG | although sample contains muscovite it looks like a vein rather than a pegmatite |
| MH99R-011 | 6997419 | 506546 | 2570 | LAD 3 | vein | bio-rich tectonized MHG | white recrystallized qtz with orange stain + muscov septa | no visible Sx | Bio in wall rock, muscovite in vein | wall rock almost resembles an augen gniess - could get sense of shear from augen rotation |
| MH99R-012 | 6997411 | 506543 | 2570 | LAD 3 | host rock | bio-rich (35%) tectonized MHG | almost a qtz- bio schist | ultra trace of py in groundmass | Biotite alteration (black) | sample of wall rock with Tr py |
| MH99R-013 | 6997406 | 506536 | 2570 | LAD 3 | host rock | bio-rich (20%) tectonized MHG | augen gniess | ultra trace of py in groundmass | Biotite alteration (black) | sample of wall rock with Tr py |
| MH99R-014 | 6997399 | 506530 | 2570 | LAD 3 | vein | tectonized MHG | white recrystallized qtz, thin micaceous septa - brown staining | none | brownish staining instead of usual orange | |
| MH99R-015 | 6997392 | 506525 | 2570 | LAD 3 | host rock | bio-rich (20%) tectonized MHG | augen gniess | ultra trace of py in groundmass | Biotite alteration (black) | sample of wall rock with Tr py |
| MH99R-016 | 6997384 | 506520 | 2570 | LAD 3 | strongly weathered vein frags | | qtz stained from sulphide weathering | only weathered products (py?) | | also tested by soil sample over soil gossan |
| MH99R-017 | 6997375 | 506510 | 2570 | LAD 3 | vein | | white qv, thin brown septa | no Sx | thin brown septa in vein | |
| MH99R-018 | 6997356 | 506469 | 2570 | LAD 3 | vein probably not in place | tectonized MHG | white recrystallized qtz | no Sx | | |
| MH99R-019 | 6995888 | 506845 | 2460 | LAD 24 | vein | tectonized biotite granodiorite | 2 cm wide qtz vein | no Sx | | non-magnetic |

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Gangue | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|---------|-----------|----------------------------------|---|-------------------------------|---|---|
| MH99R-020 | 6995846 | 506872 | 2499 | LAD 24 | host rock | foliated musc-feld-qtz meta-grdr | | no Sx | | |
| MH99R-021 | 6995668 | 507012 | 2622 | LAD 41 | vein | | clear to smokey grey quartz with FeOx and 5 to 10% musc. on fractures | traces vfg pyrite | | |
| MH99R-022 | 6995359 | 506902 | 2673 | LAD 41 | vein | | clear to grey-white, almost pure qtz, minor musc on fractures, minor Fe-Ox on fractures | rare vfg py | | |
| MH99R-023 | 6995269 | 507991 | 2433 | LAD 45 | host rock | Coarse-grained granodiorite | | traces vfg pyrite | | Qtz-Bio-K-spar x-tals to 0.8 cm, no qtz veining, non-magnetic |
| MH99R-024 | 6995267 | 508201 | 2391 | LAD 47 | host rock | dark grey porphyritic dyke (?) | | traces vfg pyrite | | pheno's of plag-amphibole and white accicular mineral to 2 mm |
| MH99R-025 | 6996293 | 508070 | 2320 | LAD 29 | vein | | Clear to white-grey quartz | no Sx | | Minor FeOx on fracture surfaces, minor MnOx, fairly pure qtz |
| MH99R-026 | 6995192 | 504363 | 2988 | LAD 313 | vein | granodiorite | 2 cm wide qtz vein with pyrite | traces of pyrite | vein bordered with carbonate alteration | |
| MH99R-027 | 6996238 | 506997 | 2148 | LAD 22 | vein | | bull wite qtz vein | no Sx | | feOx on fractures, minor feldspar x-tals in qtz, lots of qtz boulders in area |
| MH99R-028 | 6993510 | 506036 | | COLIN | host rock | crumbled grdr bedrock | | no Sx | | very fractured and friable, collected from placer pit, sand washed off |
| MH99R-037 | 6992959 | 509608 | | LAD 90 | vein | | quartz vein | 5% dk grey sulph., 1 to 3% py | | dk grey sulph may be boulangerite |

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Gangue | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|--------|-----------|------------------|------------------------|--|--|--|
| MH99R-047 | 6993440 | 504160 | | BME | vein | granodiorite | quartz vein | 0.5% py, 1 - 2 % aspy | rusty-brown staining along vein margin | Sample from pit on Reef A-1 claim. Whiteish-grey to glassy qtz with greenish-yellow staining (Scoridite?) |
| MH99R-048 | 6993425 | 504160 | | BME | vein | granodiorite | quartz vein | traces of grey sulphide | | Altered grdr boulder with 1 cm qtz vein. Qtz is white to glassy with some x-tals. Host is non-magnetic and no FeOx staining. From Reef A-1 claim |
| MH99R-049 | 6993429 | 504169 | | BME | host rock | Intermediate Dke | quartz vein | traces of vfg grey sulphide | | Dark grey, fine-grained intermediate dyke with 1 cm white qtz vein. Traces of grey sulphide along vein margin. Sample from Reef A-1 claim. |
| MH99R-050 | 6992691 | 503941 | | BME | vein | granodiorite | quartz vein | Up to 30% aspy and 5% galena | Biotite - tourmaline on vein margins (2 mm). Stained with green-yellow scorodite? (As weathered mineral) | Qtz veins up to 6 to 7 cm wide with biotite-tourmaline selvages to 2 mm. Up to 30% aspy as coarse x-tals to 8 mm and up to 5% galena. Qtz stained with scorodite. Sample from Trenches on top of Mtn, Upper Reef claims. |
| MH99R-051 | 6992668 | 503941 | | BME | vein | granodiorite | quartz vein | Up to 10% galena and 5% sphalerite | | Qtz boulders in trenches. Bull white qtz with galena and sphalerite. Sample from trenches at top of mtn. |
| MH99R-052 | 6992165 | 504103 | | BME | vein | | quartz vein | 8% aspy, tr py and accicular sulphide? | | Bull white qtz vein with septa along margins and up to 8% aspy, tr py and accicular sulphide. Sample from top of mtn. |
| MH99R-101 | 6994306 | 505835 | 2560 | LAD 56 | vein | bio-tonalite | orange-stained qtz | none | | can't tell if its a pegmatite |
| MH99R-102 | 6994323 | 505809 | | LAD 56 | peg | grano | 3 cm qtz-kspars xtalls | flecks | | |

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Gangue | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|--------|------------|------------------------------------|--|---|--|---|
| MH99R-103 | 6994308 | 506195 | | LAD 58 | vein | none | bull wh qtz, cockscomb texture | 0.5% gal, 1.0% sph, 2% dk Sx, Tr py | | grab sample from waste pile from placer mining - taken to determine mineralogy of possible auriferous veins - contains unknown dark grey sulphide (Boulangerite ?) |
| MH99R-104 | 6997011 | 506044 | | LAD 2 | vein | orange stained grano | orange- stained qtz | possibly weathered sph + cpy | orange stained granitoid (looks like fe- carb alt but isn't) possible Bio alt adjacent to vein | sampling of qv along airstrip |
| MH99R-105 | 6997057 | 506022 | | LAD 1 | vein | highly tectonized grnt @ 330 | sugary recrystallized white-grey qtz with orange stain | strongly weathered sph ? | grnt is orange, 3m band of black bio wall rock | note occurrence of vein material in strongly sheared/tectonized GRNT |
| MH99R-106 | 6997068 | 506034 | | LAD 1 | peg (?) | | chalky wh qtz (not-strained) 10% wh mica | 0.5% weathered sph (?) | | probably a peg and dissimilar to other strained qtz vn on the airstrip |
| MH99R-107 | 6997091 | 506056 | | LAD 2 | vein | | white to locally clear qtz with orange stain | 0.5% purple Sx (manganese- like) | | vein material is not in place |
| MH99R-108 | 6997109 | 506078 | | LAD 2 | vein | | white recrystallized qtz with orange stain | purple Sx (manganese- like) | | |
| MH99R-109 | 6997143 | 506117 | | LAD 2 | vein | | white recrystallized qtz with orange stain | purple Sx (manganese- like) | | |
| MH99R-110 | 6997175 | 506146 | | LAD 2 | large vein | | white sugary qtz with 1mm brown septa | purple Sx (manganese- like) | | shows large size of some of the veins in this area |

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Gangue | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|---------|----------------------|------------------------------|--|------------------------------------|---|--|
| MH99R-111 | 6994352 | 506770 | 2880 | LAD 60 | vein | regular MHG with strong foli | white recrystallized qtz with orange stain | purple staining | | |
| MH99R-112 | 6994363 | 507287 | 2700 | LAD 61 | probably over a vein | crumbly weathered GRNT | white recrystallized qtz with orange stain | Tr of weathered py | | most qtz must have been extracted from the pit |
| MH99R-113 | 6994206 | 502442 | | LAD 306 | sheared gneiss | ductilely deformed gneiss | recrystallized gneiss with rare Sx flakes (?) | Sx flakes (?) | | large gneissic zone on top of Moosehorn range - generally lacks qtz veining |
| MH99R-114 | 6994192 | 502865 | | LAD 307 | peg (?) | massive MHG | coarse qtz xtalls on vein walls, recrystallized qtz in vein centre | ultra trace of py | | composite vein ? |
| MH99R-115 | 6994438 | 503434 | 3380 | LAD 308 | Sx-rich vein | MHG | white cherty qtz, brown carb mineral + Sx | 5% Sx with Py, Asp, dark Sx | Carbonate alteration in vein, biotite in GRNT | interesting vein swarm with alteration and Sx - sample site may be hard to relocate in thick bush |
| MH99R-116 | 6994454 | 503391 | | LAD 308 | vein | MHG | recrystallized sugary qtz with orange staining | ultra trace of Sx (pin head-sized) | | sample completely different from previous sample with carb alt |
| MH99R-117 | 6994475 | 503332 | | LAD 308 | qf vein (aplite?) | MHG | fg cherty qtz with 2 cm cream coloured feldspars | ultra trace of black Sx mineral | | different style of veining - Note difficulty of recognizing Kspar in some of the veins |
| MH99R-118 | 6994466 | 503215 | | LAD 162 | Sx-rich vein | MHG | white cherty qtz, brown carb mineral + Sx | 1%py 2-3% dk mineral (no Asp) | Carb alteration in vein, black bio in GRNT | second occurrence of carb alt vein with Sx minerals - this style of vein difficult to see in granitic host rocks |
| MH99R-119 | 6994487 | 503193 | | LAD 162 | Sx-rich vein | MHG | white cherty qtz, brown carb mineral + Sx | 1%py 2-3% dk mineral (no Asp) | Carb alteration in vein, black bio in GRNT | |

| Sample # | Northing | Easting | Elevation | Claim | Rock Type | Wall rock | Conque | Sulphides | Alteration | Comments |
|-----------|----------|---------|-----------|---------|--------------------|---------------|---------------------------------------|---------------------|---------------------------------|---|
| MH99R-120 | 6994430 | 503076 | | LAD 162 | aplite-like vein | MHG | creamy white feldspar minor minor qtz | ultratrace of py | | strange vein - fg feldspar aplite-like, in other places contains coarse feldspar (pegmatite-like) |
| MH99R-121 | 6994398 | 503015 | | LAD 162 | | MHG | qtz vn with carb alteration | | | |
| MH99R-130 | 6997290 | 506272 | | LAD 1 | vein in place | | white qtz with thin brown septa | no Sx | | |
| MH99R-340 | 6993511 | 506040 | | COLIN | vn and host rock | weathered MHG | qv | 0.5% black sulphide | | almost looks like a filled-in joint |
| MH99R-341 | 6993511 | 506043 | | COLIN | vn and host rx | weathered MHG | white sugary qtz | | trace of muscovite | |
| MH99R-342 | 6993512 | 506045 | | COLIN | qtz vn | vein | orange stained qtz with dk sulphide | 0.5% dk sulphide | | vein from placer pit |
| MH99R-343 | 6993513 | 506048 | | COLIN | qtz vn and host rx | weathered MHG | white sugary qtz | | crumbly, weathered granodiorite | |

MOOSEHORN PROPERTY - Rock Sample Geochemistry

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (pp) | Co (pp) | Mn (ppm) | Fe (%) | As (ppm) | U (pp) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (pp) | Ca (%) | P (%) | La (pp) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | TI (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|----------|----------|----------|----------|----------|---------|---------|----------|--------|----------|--------|----------|----------|----------|----------|----------|----------|--------|--------|-------|---------|----------|--------|----------|--------|---------|--------|--------|-------|---------|----------|----------|----------|----------|----------|-------|
| MH99R-001 | 0.2 | 19.1 | 33.4 | 42.5 | 146 | 6.5 | 8.4 | 430 | 2.01 | 4.6 | 0.8 | 0.8 | 25.6 | 23.8 | 0.06 | 0.54 | 0.19 | 63 | 0.36 | 0.053 | 16.6 | 17.5 | 0.96 | 294.6 | 0.22 | 1 | 1.47 | 0.14 | 0.9 | 2.8 | 0.65 | 29 | 0.2 | 4.6 | 0.05 | |
| MH99R-002 | 3.1 | 13.7 | 6.5 | 27.2 | 18 | 5.3 | 3.9 | 452 | 2.72 | 14.2 | 2.5 | 0.3 | 28 | 6.6 | 0.16 | 0.61 | 0.04 | 7 | 0.05 | 0.014 | 43.9 | 21.2 | 0.49 | 181.4 | 0.058 | | 1 | 0.07 | 0.3 | 8.3 | 0.18 | 14 | | 5.8 | 0.03 | |
| MH99R-003 | 1.9 | 5.7 | 7 | 14.4 | 33 | 4.3 | 1.2 | 224 | 0.85 | 2 | 1.3 | 6.6 | 12 | 3.2 | 0.14 | 0.27 | 0.42 | 3 | 0.05 | 0.003 | 14.1 | 14.4 | 0.17 | 34.5 | 0.036 | | 0.56 | 0.14 | 0.24 | 4.4 | 0.23 | 6 | 0.1 | 0.04 | 2 | 0.03 |
| MH99R-004 | 12.3 | 5.4 | 20.4 | 15.4 | 81 | 1.8 | 1.6 | 243 | 0.88 | 2.1 | 1.1 | 0.5 | 13 | 4.3 | 0.02 | 0.21 | 0.14 | 5 | 0.05 | 0.004 | 17 | 12.3 | 0.18 | 91.6 | 0.038 | | 0.53 | 0.1 | 0.26 | 4.2 | 0.19 | 17 | 0.2 | 2.1 | 0.03 | |
| MH99R-005 | 3.3 | 9.1 | 6.6 | 13.9 | 9 | 5.5 | 1.7 | 113 | 0.75 | 0.4 | 0.8 | | 13.4 | 2.8 | 0.03 | 0.33 | 0.21 | 3 | 0.05 | 0.015 | 16.2 | 22.3 | 0.25 | 68.2 | 0.017 | | 0.52 | 0.04 | 0.22 | 9.2 | 0.08 | 0.1 | | 1.4 | 0.08 | |
| MH99R-006 | 0.8 | 8.5 | 10.3 | 12.3 | 27 | 3.2 | 2 | 111 | 0.94 | 0.6 | 1 | | 20.8 | 3.8 | 0.03 | 0.51 | 0.49 | 4 | 0.05 | 0.008 | 16.3 | 11.5 | 0.18 | 110.6 | 0.013 | | 0.6 | 0.12 | 0.15 | 3.1 | 0.05 | 0.1 | | 1.5 | 0.15 | |
| MH99R-007 | 0.3 | 3 | 7.6 | 33.6 | 26 | 3 | 3 | 323 | 1.42 | 0.7 | 1.3 | | 17.9 | 3.5 | | 0.18 | 0.77 | 10 | 0.08 | 0.022 | 23.7 | 11.5 | 0.71 | 71.4 | 0.083 | | 1.07 | 0.07 | 0.65 | 2.7 | 0.37 | | | 3.9 | 0.01 | |
| MH99R-008 | 2.7 | 9.3 | 10.4 | 105.6 | 121 | 5.6 | 0.4 | 57 | 0.39 | 1.3 | | 1.1 | 0.2 | 0.5 | 0.09 | 5.31 | 0.16 | | 0.01 | 0.001 | | 28.7 | 0.01 | 22.1 | 0.001 | | 0.03 | | 0.01 | 12.5 | | 15 | | 0.1 | 0.03 | |
| MH99R-009 | 1.2 | 5.9 | 1.7 | 0.7 | 16 | 4.3 | 0.4 | 38 | 0.22 | 0.2 | | | 0.1 | 0.3 | 0.01 | 0.22 | 0.02 | | | 0.001 | | 21.5 | | 4.7 | 0.001 | | 0.02 | | 0.01 | 4.7 | | | | 0.1 | | |
| MH99R-010 | 0.4 | 3.6 | 4.8 | 4.7 | 25 | 2.3 | 0.5 | 64 | 0.38 | 0.6 | 0.1 | | 1.6 | 0.6 | 0.01 | 0.16 | 0.12 | | 0.01 | 0.001 | 3 | 23.4 | 0.07 | 17.4 | 0.006 | 1 | 0.13 | | 0.07 | 5.8 | 0.1 | | | 0.04 | 0.4 | |
| MH99R-011 | 3.2 | 6.6 | 0.7 | 2.1 | 6 | 5.8 | 0.6 | 58 | 0.44 | 0.1 | 0.1 | 1 | 0.6 | 0.8 | | 0.2 | 0.05 | | 0.02 | 0.006 | 1.1 | 32.6 | 0.01 | 6.6 | 0.001 | | 0.06 | | 0.03 | 13.6 | 0.02 | | | 0.2 | | |
| MH99R-012 | 0.5 | 4.4 | 2 | 29.7 | 8 | 11.7 | 25.6 | 473 | 2.62 | 1.2 | 0.1 | | 0.2 | 73.6 | | 0.2 | 0.06 | 88 | 1.49 | 0.053 | 1.8 | 157.3 | 1.74 | 881.5 | 0.3 | | 1.84 | 0.18 | 0.77 | 1.2 | 0.26 | 5 | 0.2 | 0.02 | 5.1 | 0.25 |
| MH99R-013 | 0.2 | 2.5 | 4.8 | 37.4 | 11 | 4.5 | 4.1 | 346 | 1.72 | 0.6 | 1.9 | | 19 | 7.4 | | 0.15 | 0.03 | 20 | 0.17 | 0.033 | 26.9 | 15.3 | 0.32 | 76.7 | 0.056 | | 0.81 | 0.06 | 0.37 | 2.2 | 0.26 | | | 3.4 | 0.02 | |
| MH99R-014 | 3.1 | 5.1 | 3.3 | 2.6 | 7 | 5.7 | 1 | 265 | 0.49 | 0.3 | 0.1 | | 0.3 | 1.2 | 0.03 | 0.19 | | 2 | 0.01 | 0.001 | | 37 | 0.01 | 31.5 | 0.002 | | 0.03 | | 0.02 | 13.9 | | | | 0.2 | 0.01 | |
| MH99R-015 | 1.4 | 8 | 11.6 | 81.6 | 93 | 4.7 | 3.1 | 229 | 1.3 | 2.5 | 1.5 | 0.4 | 18.7 | 6.1 | 0.07 | 3.89 | 0.07 | 11 | 0.07 | 0.024 | 30.6 | 13.4 | 0.06 | 53.9 | 0.007 | | 0.32 | 0.06 | 0.13 | 3 | 0.05 | 12 | 0.2 | 1.2 | | |
| MH99R-016 | | 8.6 | 3.8 | 26.8 | 19 | 21 | 10 | 1936 | 3.28 | 4 | 0.4 | | 5.4 | 518.5 | 0.04 | 0.17 | 0.04 | 78 | 8.37 | 0.015 | 13.4 | 51 | 4.73 | 144.8 | 0.031 | | 1 | 0.05 | 0.16 | 0.6 | 0.04 | | | 0.1 | 4 | 0.04 |
| MH99R-017 | 3.3 | 5.6 | | 1.7 | 6 | 6.6 | 1 | 111 | 0.49 | | | | 0.1 | 2.5 | | 0.09 | | 5 | 0.05 | 0.003 | | 33.4 | 0.11 | 10.3 | 0.003 | | 0.1 | | 0.02 | 14.6 | | | | 0.3 | 0.04 | |
| MH99R-018 | 1.2 | 3.4 | | 0.9 | 6 | 4.2 | 0.3 | 58 | 0.24 | 0.3 | | | | 0.8 | | 0.08 | | 2 | 0.01 | | | 21.1 | 0.01 | 8.3 | 0.001 | | 0.02 | | | 4.4 | | | | 0.1 | 0.01 | |
| MH99R-019 | 4.9 | 5.9 | 3.6 | 11.9 | 12 | 1.7 | 1 | 123 | 0.87 | 0.4 | 1.5 | 6.4 | 20.3 | 5.9 | | 0.2 | 0.04 | 3 | 0.07 | 0.004 | 22.7 | 13 | 0.06 | 31.8 | 0.004 | | 0.23 | 0.05 | 0.11 | 3.2 | 0.05 | | | 0.8 | | |
| MH99R-020 | 4.1 | 13.3 | 0.9 | 16 | 23 | 5.9 | 2.1 | 238 | 1.21 | 0.1 | 2.2 | 3.8 | 18.6 | 2.6 | | 0.15 | 0.12 | 3 | 0.02 | 0.005 | 27.5 | 21.3 | 0.04 | 34.6 | 0.006 | | 0.33 | 0.09 | 0.15 | 9.4 | 0.06 | | | 0.9 | | |
| MH99R-021 | 1.4 | 6.1 | 3.3 | 10 | 9 | 4.3 | 1.3 | 127 | 0.47 | 7.5 | 1.1 | 3.8 | 1.9 | 1.2 | 0.02 | 2.75 | 0.04 | | 0.01 | 0.005 | 2.8 | 21 | 0.01 | 13 | 0.001 | | 0.09 | | 0.05 | 4.8 | 0.02 | | | 0.2 | | |
| MH99R-022 | 0.4 | 2.6 | 0.9 | 1.3 | 11 | 1.7 | 0.2 | 29 | 0.26 | 2 | 0.1 | 1.1 | 0.3 | 0.6 | | 0.18 | 0.02 | | | | | 22 | | 6.9 | | | 0.02 | | 0.01 | 4.8 | | | | 0.1 | 0.01 | |
| MH99R-023 | 2.3 | 3.9 | 6.4 | 15.8 | 13 | 4.6 | 1.5 | 303 | 1.04 | 0.6 | 0.8 | | 17.5 | 4.3 | | 0.49 | 0.04 | 5 | 0.07 | 0.011 | 25.6 | 24.3 | 0.12 | 148.6 | 0.008 | | 0.47 | 0.07 | 0.15 | 9.5 | 0.05 | 0.2 | | 2 | 0.01 | |
| MH99R-024 | 1.4 | 14 | 14 | 67.8 | 97 | 29.7 | 14.5 | 807 | 3.66 | 5.4 | 1.8 | | 12.1 | 58.2 | 0.16 | 0.64 | 0.75 | 66 | 1.86 | 0.127 | 24.6 | 63 | 1.58 | 125.1 | 0.069 | | 1.61 | 0.1 | 0.13 | 1 | 0.14 | | | 0.02 | 9 | 0.1 |
| MH99R-025 | 0.4 | 3 | 1.4 | 2.7 | 14 | 2.3 | 0.4 | 84 | 0.34 | 0.7 | | | 0.1 | 1.3 | | 0.35 | | 2 | 0.06 | 0.002 | | 21.4 | 0.01 | 20.1 | 0.001 | | 0.02 | | 0.01 | 4.8 | | | | 0.1 | | |
| MH99R-026 | 2.4 | 15.3 | 52.6 | 32 | 471 | 6.2 | 3.7 | 708 | 1.48 | 111.7 | 13.5 | 4.3 | 17.3 | 55.8 | 0.92 | 4.75 | 0.71 | 15 | 1.28 | 0.034 | 14.9 | 22.9 | 0.37 | 113.1 | 0.033 | 1 | 0.56 | 0.05 | 0.3 | 8.6 | 0.19 | 0.3 | 0.09 | 1.4 | 0.12 | |
| MH99R-027 | 2.94 | 4.54 | 0.93 | 2.4 | 58 | 5.7 | 0.5 | 113 | 0.56 | 3 | 0.4 | | 3.3 | 2.7 | 0.03 | 0.26 | 0.07 | | 0.07 | 0.004 | 1.9 | 33.2 | 0.02 | 18.7 | | 2 | 0.03 | 0.012 | 0.03 | 12.6 | | | 0.1 | 0.1 | 0.03 | |
| MH99R-028 | 2.83 | 10.87 | 4 | 52.4 | 20 | 6.6 | 8.3 | 620 | 2.8 | 17.6 | 2.9 | | 18.4 | 23.5 | 0.08 | 0.95 | 0.06 | 62 | 0.34 | 0.046 | 20.1 | 19.3 | 0.78 | 179.2 | 0.134 | 2 | 1.34 | 0.093 | 0.41 | 6.3 | 0.17 | 0.2 | | 5.7 | 0.01 | |
| MH99R-037 | 6.12 | 11.33 | 0.59 | 5.6 | 65 | 11.5 | 1.1 | 158 | 0.89 | 0.6 | 0.4 | | 3.1 | 1.6 | 0.02 | 0.15 | 0.02 | 9 | 0.13 | 0.053 | 1.6 | 48.7 | 0.04 | 48.6 | 0.017 | | 0.09 | 0.007 | 0.05 | 26.6 | | | 0.1 | 0.5 | 0.01 | |
| MH99R-047 | 2.93 | 5.85 | 38.9 | 30.8 | 157 | 5.1 | 5.4 | 469 | 1.75 | 149 | 29.3 | 1.9 | 142.3 | 11.5 | 68.9 | 0.58 | 9.02 | 0.02 | 5 | 1.67 | 0.05 | 14.6 | 18.9 | 0.07 | 144.5 | | 3 | 0.45 | 0.013 | 0.3 | 11.7 | 0.06 | 0.2 | 0.9 | 0.66 | |
| MH99R-048 | 2.79 | 5.51 | 22.78 | 12 | 84 | 5.8 | 2.5 | 802 | 1.1 | 596 | 2.3 | 31.6 | 8.9 | 123.2 | 0.34 | 4.72 | 0.05 | 3 | 2.71 | 0.037 | 14.4 | 24.3 | 0.11 | 125.1 | | 1 | 0.3 | 0.016 | 0.23 | 12.4 | 0.07 | 0.4 | 0.07 | 0.8 | 0.27 | |
| MH99R-049 | 1.46 | 10.3 | 3.32 | 63.3 | 32 | 4.4 | 10.8 | 657 | 3.52 | 72.5 | 1.2 | | 4.4 | 63.2 | 0.04 | 0.61 | 0.02 | 113 | 1.22 | 0.113 | 6.5 | 10.1 | 0.95 | 785 | 0.214 | | 1.81 | 0.178 | 0.67 | 3.6 | 0.21 | 0.2 | | 6.4 | 0.06 | |
| MH99R-050 | 4.1 | 38.09 | 13805.67 | 496.4 | 49078 | 3.8 | 2.8 | 267 | 8.53 | 97535.8 | 6.4 | 99999 | 12.3 | 64.8 | 16.72 | 3089.21 | 6.97 | 2 | 0.9 | 0.008 | 3.6 | 32.5 | 0.03 | 69.5 | 0.002 | 4 | 0.22 | 0.012 | 0.14 | 13.6 | 0.07 | 226 | 0.3 | 0.32 | 0.5 | 3.89 |

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (pp) | Co (pp) | Mn (ppm) | Fe (%) | As (ppm) | U (pp) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (pp) | Ca (%) | P (%) | La (pp) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|----------|----------|----------|----------|----------|---------|---------|----------|--------|----------|--------|----------|----------|----------|----------|----------|----------|--------|--------|-------|---------|----------|--------|----------|--------|---------|--------|--------|-------|---------|----------|----------|----------|----------|----------|-------|
| MH99R-051 | 7.98 | 191.14 | 28570.37 | 9823.2 | 99999 | 5.3 | 0.8 | 149 | 0.9 | 3974.2 | 7.2 | 15638.1 | 0.6 | 26.4 | 318.25 | 3134.72 | 66.67 | | 0.24 | 0.002 | 1.7 | 45.8 | 0.01 | 95.9 | 0.002 | 2 | 0.06 | 0.004 | 0.04 | 23.9 | 0.2 | 2804 | 1.2 | | 0.2 | 2.11 |
| MH99R-052 | 4.08 | 11.91 | 6707.43 | 28.3 | 8397 | 6.6 | 0.9 | 242 | 1.68 | 14026.7 | 0.2 | 1326 | 0.6 | 43.6 | 0.83 | 3169.28 | 0.79 | | 0.47 | 0.002 | 0.6 | 42.8 | 0.07 | 33.5 | 0.001 | 2 | 0.04 | 0.005 | 0.03 | 20.2 | 0.05 | 15 | 0.2 | 0.03 | 0.2 | 0.77 |
| MH99R-101 | 0.9 | 7.4 | 2.9 | 23 | 13 | 3.8 | 4 | 328 | 1.4 | 4.5 | 2 | | 2.2 | 9.5 | | 0.19 | 0.06 | 38 | 0.18 | 0.021 | 2.8 | 16.6 | 0.49 | 211.1 | 0.142 | | 0.95 | 0.12 | 0.56 | 3.1 | 0.46 | | 0.1 | | 3.2 | |
| MH99R-102 | 0.2 | 4 | 5.3 | 21.2 | 13 | 2.3 | 4.2 | 364 | 1.38 | 5.1 | 6.7 | | 11.3 | 10 | | 0.32 | 0.03 | 36 | 0.18 | 0.018 | 9 | 15 | 0.46 | 144.2 | 0.117 | | 0.98 | 0.13 | 0.5 | 4 | 0.26 | | 0.3 | | 3 | |
| MH99R-103 | 3.8 | 20.3 | 3847.3 | 12626.9 | 10166 | 6.6 | 3.3 | 13637 | 2.93 | 4566.2 | 5.5 | 431.9 | 0.8 | 8.5 | 247.99 | 53.41 | 0.09 | 6 | 0.17 | 0.001 | 1.8 | 22.1 | 0.2 | 169.1 | 0.001 | | 0.1 | | 0.03 | 10.8 | 0.06 | 836 | 0.5 | | 0.8 | 0.85 |
| MH99R-104 | 1.4 | 4.3 | 60.7 | 46.7 | 89 | 5.1 | 0.5 | 233 | 0.37 | 22.1 | 0.6 | 8.9 | 4.7 | 1.3 | 0.95 | 0.45 | 1.26 | | 0.01 | 0.002 | 7.8 | 19.4 | 0.01 | 20.8 | 0.001 | | 0.06 | 0.01 | 0.03 | 5.8 | | 7 | 0.1 | | 0.3 | 0.01 |
| MH99R-105 | 1 | 4.2 | 10.9 | 13.4 | 26 | 3.3 | 0.8 | 358 | 0.65 | 8.7 | 0.2 | 4.9 | 0.7 | 1.8 | 0.18 | 0.23 | 0.03 | 2 | 0.01 | 0.003 | 1.4 | 23.9 | 0.02 | 53.3 | 0.001 | | 0.08 | | 0.04 | 6 | 0.02 | | | | 0.3 | |
| MH99R-106 | 1.8 | 3 | 15.7 | 26 | 29 | 3.6 | 0.5 | 103 | 0.27 | 9.6 | 0.3 | 3.3 | 1.5 | 3.8 | 0.49 | 0.19 | 0.32 | | 0.04 | 0.013 | 1.7 | 25.8 | 0.01 | 70.5 | 0.001 | | 0.38 | 0.1 | 0.12 | 8.1 | 0.03 | | | | 0.6 | |
| MH99R-107 | 1.4 | 5.1 | 7.7 | 12.3 | 1014 | 4.7 | 1.1 | 134 | 0.58 | 6.9 | 1.2 | 2 | 3.4 | 3.3 | 0.03 | 0.2 | 0.09 | 2 | 0.02 | 0.003 | 5.3 | 19.8 | 0.02 | 30.5 | 0.001 | | 0.14 | 0.01 | 0.08 | 5.5 | 0.02 | | | | 0.4 | |
| MH99R-108 | 0.6 | 3.3 | 4 | 2.7 | 71 | 2.9 | 0.7 | 134 | 0.44 | 6.4 | 0.4 | 5.9 | 0.9 | 1.3 | 0.04 | 0.21 | 0.14 | | 0.01 | 0.002 | 1.6 | 20.9 | 0.01 | 30.9 | | 1 | 0.07 | | 0.04 | 6.5 | 0.02 | | | | 0.2 | |
| MH99R-109 | 3.2 | 6.6 | 3 | 5 | 26 | 6.4 | 2.1 | 136 | 0.56 | 3.6 | 0.8 | 3.2 | 1.6 | 3.7 | 0.06 | 0.12 | 0.03 | 4 | 0.02 | 0.002 | | 29.7 | 0.01 | 23.6 | 0.001 | 1 | 0.1 | 0.03 | 0.03 | 12.1 | | | | | 0.3 | |
| MH99R-110 | 2.7 | 35.1 | 2 | 2.4 | 46 | 9.3 | 15.1 | 104 | 1.27 | 137.4 | 3.2 | 88.7 | 0.1 | 11.6 | 0.03 | 0.41 | 0.08 | 5 | 0.01 | 0.007 | | 28.6 | 0.01 | 11.2 | | | 0.05 | | 0.01 | 6.4 | 0.07 | | | | 0.4 | 0.01 |
| MH99R-111 | 0.4 | 5.5 | 3.9 | 5.1 | 21 | 2.1 | 1.1 | 161 | 0.39 | 2.4 | 0.1 | 2.9 | 0.1 | 1.8 | 0.06 | 1.32 | 0.69 | | 0.01 | 0.001 | | 23.1 | 0.01 | 21.7 | 0.001 | 1 | 0.1 | | 0.08 | 5.2 | 0.06 | | | | 0.2 | |
| MH99R-112 | 17.4 | 34 | 1152.8 | 402.9 | 29372 | 5.5 | 1.3 | 219 | 0.63 | 20.5 | 0.7 | 199.8 | 8.8 | 8 | 6.51 | 53.42 | 0.25 | 2 | 0.03 | 0.006 | 5.9 | 36 | 0.01 | 512.7 | 0.001 | 1 | 0.14 | 0.02 | 0.06 | 12.3 | 0.03 | 467 | | 0.03 | 0.4 | 0.06 |
| MH99R-113 | 1.4 | 4.6 | 12.9 | 21.8 | 164 | 3.8 | 1.4 | 94 | 0.92 | 1.3 | 0.9 | 6.6 | 17.5 | 1.9 | 0.07 | 0.55 | 0.02 | 7 | 0.02 | 0.006 | 30.8 | 19.6 | 0.07 | 37.1 | 0.03 | | 0.25 | 0.02 | 0.19 | 3.5 | 0.11 | 8 | | | 2.5 | |
| MH99R-114 | 0.3 | 2.5 | 7.3 | 7.9 | 40 | 1.5 | 0.6 | 98 | 0.51 | 0.8 | 3 | 3 | 6.6 | 2.3 | 0.03 | 0.18 | 0.06 | 3 | 0.03 | 0.005 | 4.6 | 16.3 | 0.06 | 25.8 | 0.012 | | 0.26 | 0.05 | 0.15 | 4.2 | 0.06 | 7 | | | 1.2 | 0.01 |
| MH99R-115 | 2.3 | 11.4 | 73.5 | 111.3 | 581 | 6.9 | 8.8 | 1069 | 2.38 | 11169.3 | 6.2 | 71.3 | 19.1 | 113.9 | 3.92 | 11.54 | 1.46 | 14 | 2.05 | 0.059 | 12.8 | 22.7 | 0.5 | 250 | 0.012 | 2 | 0.62 | 0.03 | 0.35 | 7.9 | 0.07 | 14 | 0.1 | | 1.4 | 0.7 |
| MH99R-116 | 0.9 | 4.2 | 10.3 | 10.1 | 77 | 3.1 | 0.7 | 63 | 0.45 | 130.5 | 2.9 | 6.3 | 5.4 | 3.7 | 0.08 | 0.46 | 0.08 | 3 | 0.03 | 0.004 | 8.6 | 15.2 | 0.02 | 36.3 | 0.003 | | 0.21 | 0.04 | 0.15 | 3.5 | 0.04 | | | | 0.5 | 0.03 |
| MH99R-117 | 0.3 | 2.2 | 6.7 | 5.7 | 23 | 1 | 0.5 | 41 | 0.41 | 7.4 | 3 | 0.6 | 19.9 | 4.2 | 0.02 | 0.15 | 0.02 | 4 | 0.03 | 0.004 | 6.5 | 10.8 | 0.02 | 19.9 | 0.003 | | 0.22 | 0.04 | 0.13 | 2.3 | 0.04 | 5 | | | 0.7 | |
| MH99R-118 | 1.8 | 17.7 | 7.9 | 68.9 | 112 | 5.3 | 14.5 | 852 | 3.29 | 36 | 3.6 | 15.4 | 9.4 | 28.5 | 0.15 | 1.49 | 0.15 | 64 | 0.91 | 0.091 | 12.1 | 17 | 0.96 | 458.8 | 0.156 | 2 | 1.53 | 0.07 | 0.72 | 5 | 0.35 | | 0.3 | 0.06 | 4.4 | 0.22 |
| MH99R-119 | 1 | 10.5 | 7.6 | 51.2 | 86 | 5.2 | 7.3 | 809 | 2.12 | 42.5 | 2.7 | 3.7 | 25.9 | 21.9 | 0.26 | 1.26 | 0.04 | 19 | 0.79 | 0.061 | 34.8 | 11.1 | 0.28 | 263.1 | 0.015 | 2 | 0.86 | 0.03 | 0.37 | 2.4 | 0.17 | 9 | | 0.02 | 2.4 | 0.06 |
| MH99R-120 | 0.2 | 3 | 9.6 | 9.9 | 61 | 1.3 | 0.6 | 54 | 0.42 | 5 | 2 | 1 | 20.1 | 5.1 | 0.04 | 0.26 | | 4 | 0.03 | 0.003 | 5.5 | 12.6 | 0.03 | 42.8 | 0.004 | 1 | 0.22 | 0.04 | 0.14 | 2.9 | 0.05 | 5 | | | 0.7 | 0.01 |
| MH99R-121 | 1.8 | 11.7 | 4.5 | 42.8 | 34 | 7 | 7 | 602 | 1.81 | 8.5 | 2.6 | 0.2 | 18.2 | 15.1 | 0.14 | 0.97 | | 13 | 0.69 | 0.053 | 35 | 17 | 0.19 | 250.1 | 0.016 | 2 | 0.68 | 0.06 | 0.34 | 5.6 | 0.13 | 6 | | | 1.8 | 0.04 |
| MH99R-130 | 2.2 | 24.2 | 3.7 | 5.9 | 35 | 5.9 | 2 | 415 | 0.6 | 5.2 | 0.3 | | 0.4 | 10.2 | 0.05 | 0.17 | 0.03 | 6 | 0.36 | 0.015 | 1.5 | 31 | 0.02 | 39.2 | 0.001 | | 0.08 | | 0.03 | 6.8 | | | | 0.3 | 0.02 | |
| MH99R-340 | 2.96 | 5.14 | 99.05 | 24.2 | 216 | 5 | 2.5 | 220 | 1.26 | 82.2 | 4.9 | 55.5 | 38 | 6.9 | 0.27 | 16.73 | 0.1 | 17 | 0.1 | 0.012 | 6.8 | 22.9 | 0.2 | 62.1 | 0.075 | | 0.53 | 0.063 | 0.31 | 12 | 0.25 | | 0.1 | | 2.2 | |
| MH99R-341 | 2.03 | 5.83 | 55.55 | 37.1 | 461 | 4.4 | 3.5 | 441 | 1.85 | 47.8 | 2.3 | 28.6 | 12.4 | 18.2 | 0.09 | 19.7 | 0.07 | 34 | 0.25 | 0.035 | 14.1 | 19.5 | 0.4 | 260.2 | 0.137 | 1 | 0.9 | 0.095 | 0.58 | 8 | 0.35 | | 0.1 | | 3.6 | |
| MH99R-342 | 4.66 | 6.88 | 27.2 | 6.4 | 254 | 5.4 | 0.7 | 167 | 0.68 | 21.3 | 1.5 | 14 | 3.7 | 0.5 | 0.09 | 5.78 | 0.02 | 2 | 0.01 | 0.002 | 3.9 | 35.1 | 0.01 | 19.5 | | 2 | 0.07 | 0.005 | 0.05 | 17.1 | 0.02 | 26 | 0.1 | | 0.2 | |
| MH99R-343 | 2.49 | 7.12 | 13.71 | 28.8 | 67 | 5.2 | 3.1 | 267 | 1.78 | 10.7 | 1.5 | 3.1 | 16.8 | 8.6 | 0.05 | 3.11 | 0.02 | 25 | 0.14 | 0.025 | 15.3 | 19.8 | 0.32 | 190 | 0.108 | 1 | 0.73 | 0.076 | 0.46 | 8 | 0.25 | | 0.2 | | 3.4 | |

Appendix II

Geochemical Analytical Certificates

GEOCHEMICAL ANALYSIS CERTIFICATE

Troylin Resources PROJECT MOOSEHORN File # 9901737 Page 1
200 - 622 - 5th Ave S.W., Calgary AB T2P 0M5 Submitted by: SCOTT CASSELMAN

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Hg | Ba | Ti | B | Al | Na | K | M | Tl | Hg | Se | Te | Ga | S |
|---------------|------|-------|--------|---------|-------|------|------|-------|------|--------|------|-------|------|-------|--------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-----|-----|------|-----|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm | ppm | ppb | ppm | ppm | ppm | % | |
| MH 99R-001 | .2 | 19.1 | 33.4 | 42.5 | 146 | 6.5 | 8.4 | 430 | 2.01 | 4.6 | .8 | 8 | 25.6 | 23.8 | .06 | .94 | .19 | 63 | .36 | .053 | 16.6 | 17.5 | .96 | 294.6 | 220 | 1 | 1.47 | 14 | 90 | 2.8 | .66 | 29 | .2 | <.02 | 4.6 | .05 |
| RE MH 99R-001 | .2 | 20.3 | 36.6 | 42.7 | 150 | 6.4 | 9.1 | 437 | 2.04 | 5.2 | .8 | 3 | 27.0 | 25.0 | .09 | .57 | .21 | 64 | .37 | .054 | 17.5 | 19.4 | 1.03 | 314.4 | 235 | <1 | 1.59 | 15 | 88 | 3.0 | .70 | 29 | .2 | <.02 | 4.9 | .05 |
| MH 99R-002 | 3.1 | 13.7 | 6.6 | 27.2 | 18 | 5.3 | 3.9 | 452 | 2.72 | 14.2 | 2.5 | 3 | 28.0 | 6.6 | .16 | .61 | .04 | 7 | .05 | .014 | 43.9 | 21.2 | .49 | 181.4 | .058 | <1 | 1.09 | .07 | .30 | 8.3 | .18 | 14 | <.1 | <.02 | 5.8 | .03 |
| MH 99R-003 | 1.9 | 5.7 | 7.0 | 14.4 | 33 | 4.3 | 1.2 | 224 | .85 | 2.0 | 1.3 | 6.6 | 12.0 | 3.2 | .14 | .27 | .42 | 3 | .05 | .003 | 14.1 | 14.4 | .17 | 34.5 | .636 | <1 | .56 | 14 | 24 | 4.4 | .23 | 6 | .1 | .04 | 2.0 | .03 |
| MH 99R-004 | 12.3 | 5.3 | 28.4 | 15.4 | 81 | 1.8 | 1.6 | 243 | .88 | 2.1 | 1.1 | 5 | 13.0 | 4.3 | .02 | .21 | .14 | 5 | .05 | .004 | 17.0 | 12.3 | .18 | 91.6 | .638 | <1 | .63 | 10 | 26 | 4.2 | .19 | 17 | .2 | <.02 | 2.1 | .03 |
| MH 99R-005 | 3.3 | 9.1 | 6.6 | 13.9 | 9 | 5.5 | 1.7 | 113 | .75 | .4 | .8 | <2 | 13.4 | 2.8 | .03 | .33 | .21 | 3 | .05 | .015 | 16.2 | 22.3 | .25 | 68.2 | .017 | <1 | .52 | .04 | 22 | 9.2 | .08 | <5 | .1 | <.02 | 1.4 | .08 |
| MH 99R-006 | .8 | 8.5 | 10.3 | 12.3 | 27 | 3.2 | 2.0 | 111 | .94 | .6 | 1.0 | <2 | 28.8 | 3.8 | .03 | .51 | .49 | 4 | .05 | .008 | 16.3 | 11.5 | .18 | 110.6 | .013 | <1 | .60 | .12 | 15 | 3.1 | .05 | <5 | .1 | <.02 | 1.5 | .75 |
| MH 99R-007 | .3 | 3.0 | 7.6 | 33.6 | 26 | 3.0 | 3.0 | 323 | 1.42 | .7 | 1.3 | <2 | 17.9 | 3.5 | <.01 | .18 | .77 | 10 | .08 | .022 | 23.7 | 11.5 | .71 | 71.4 | .083 | <1 | 1.07 | .07 | .65 | 2.7 | .37 | <5 | <.1 | <.02 | 3.9 | .01 |
| MH 99R-008 | 2.7 | 9.3 | 10.4 | 105.6 | 121 | 5.6 | .4 | 57 | .39 | 1.3 | <.1 | 1.1 | 2 | .5 | .09 | 5.31 | .16 | <2 | .01 | .001 | <1 | 28.7 | .01 | 22.1 | .001 | <1 | .03 | <.01 | .01 | 12.5 | <.02 | 15 | <.1 | <.02 | 1.1 | .03 |
| MH 99R-009 | 1.2 | 5.9 | 1.7 | .7 | 16 | 4.3 | .4 | 38 | .22 | .2 | <.1 | <2 | .1 | .3 | .01 | .22 | .02 | <2 | .01 | .001 | <1 | 21.5 | <.01 | 4.7 | .001 | <1 | .02 | <.01 | .01 | 4.7 | <.02 | <5 | <.1 | <.02 | 1.1 | <.01 |
| MH 99R-010 | .4 | 3.6 | 4.8 | 4.7 | 25 | 2.3 | .5 | 64 | .38 | .6 | .1 | <2 | 1.6 | .6 | .01 | .16 | .12 | <2 | .01 | .001 | 3.0 | 23.4 | .07 | 17.4 | .006 | 1 | .13 | <.01 | .07 | 5.8 | .10 | <5 | <.1 | .04 | .4 | <.01 |
| MH 99R-011 | 3.2 | 6.6 | .7 | 2.1 | 6 | 5.8 | .6 | 58 | .44 | .1 | .1 | 1.0 | .6 | .8 | <.01 | .29 | .95 | <2 | .02 | .086 | 1.1 | 32.6 | .01 | 6.6 | .001 | <1 | .06 | <.01 | .03 | 13.6 | .82 | <5 | <.1 | <.02 | .2 | <.01 |
| MH 99R-012 | .5 | 4.4 | 2.8 | 29.7 | 8 | 11.7 | 25.6 | 473 | 2.62 | 1.2 | .1 | <2 | 73.6 | <.01 | .28 | .06 | 86 | 1.49 | .053 | 1.8 | 157.3 | 1.74 | 881.5 | .300 | <1 | 1.84 | .18 | .77 | 1.1 | .28 | 5 | .2 | .02 | 5.1 | .25 | |
| MH 99R-013 | 2 | 2.6 | 4.8 | 37.4 | 11 | 4.6 | 4.1 | 346 | 1.72 | .6 | 1.9 | <2 | 19.0 | 7.4 | <.01 | .15 | .83 | 20 | .17 | .033 | 26.9 | 15.3 | .32 | 76.7 | .866 | <1 | .81 | .06 | .37 | 2.2 | .25 | <5 | <.1 | <.02 | 3.4 | .02 |
| MH 99R-014 | 3.1 | 5.1 | 3.3 | 2.6 | 7 | 5.7 | 1.0 | 265 | .49 | .3 | .1 | <2 | .3 | 1.2 | .03 | .19 | <.02 | 2 | .01 | .001 | <1 | 37.0 | .01 | 31.5 | .802 | <1 | .03 | <.01 | .02 | 13.9 | <.02 | <5 | <.1 | <.02 | .2 | .01 |
| MH 99R-015 | 1.4 | 7.9 | 11.6 | 81.6 | 93 | 4.7 | 3.1 | 229 | 1.30 | 2.5 | 1.5 | .4 | 18.7 | 6.1 | .07 | 3.89 | .07 | 11 | .07 | .024 | 30.6 | 13.4 | .06 | 53.9 | .007 | <1 | .32 | .06 | .13 | 3.0 | .05 | 12 | .2 | <.02 | 1.2 | <.01 |
| MH 99R-016 | <.1 | 8.6 | 3.8 | 26.8 | 19 | 21.0 | 10.0 | 1936 | 3.28 | 4.0 | .4 | <2 | 5.4 | 518.5 | .04 | .17 | .04 | 78 | 8.37 | .015 | 13.4 | 51.0 | 4.73 | 144.8 | .031 | <1 | 1.00 | .05 | .16 | .6 | .04 | <5 | <.1 | .10 | 4.0 | .04 |
| MH 99R-017 | 3.3 | 5.6 | <.1 | 1.7 | 6 | 6.6 | 1.0 | 111 | .49 | <.1 | <.1 | <2 | .1 | 2.6 | <.01 | .09 | <.02 | 5 | .05 | .083 | <1 | 33.4 | .11 | 18.3 | .083 | <1 | .10 | <.01 | .02 | 14.5 | <.02 | <5 | <.1 | <.02 | .3 | .04 |
| MH 99R-018 | 1.2 | 3.4 | <.1 | .9 | 6 | 4.2 | .3 | 58 | .24 | .3 | <.1 | <2 | <.1 | .8 | <.01 | .08 | <.02 | 2 | .01 | <.001 | <1 | 21.1 | .01 | 8.3 | .001 | <1 | .02 | <.01 | <.01 | 4.4 | <.02 | <5 | <.1 | <.02 | .1 | .01 |
| MH 99R-019 | 4.9 | 5.9 | 3.6 | 11.9 | 12 | 1.7 | 1.0 | 123 | .87 | 4 | 1.5 | 6.4 | 20.3 | 5.9 | <.01 | .20 | .84 | 3 | .07 | .004 | 22.7 | 13.0 | .06 | 31.8 | .004 | <1 | .23 | .05 | .11 | 3.2 | .05 | <5 | <.1 | <.02 | .5 | <.01 |
| MH 99R-020 | 4.1 | 13.3 | .9 | 16.0 | 23 | 5.9 | 2.1 | 238 | 1.21 | .1 | 2.2 | 3.8 | 18.6 | 2.5 | <.01 | .15 | .12 | 3 | .02 | .005 | 27.5 | 21.3 | .04 | 34.6 | .006 | <1 | .33 | .09 | .15 | 9.4 | .06 | <5 | <.1 | <.02 | .9 | <.01 |
| MH 99R-021 | 1.4 | 6.1 | 3.3 | 10.0 | 9 | 4.3 | 1.3 | 127 | .47 | 7.5 | 1.1 | 3.8 | 1.9 | 1.2 | .02 | 2.75 | .04 | <2 | .01 | .005 | 2.8 | 21.0 | .01 | 13.0 | .001 | <1 | .09 | <.01 | .05 | 4.8 | .82 | <5 | <.1 | <.02 | .2 | <.01 |
| MH 99R-022 | .4 | 2.6 | .9 | 1.3 | 11 | 1.7 | .2 | 29 | .26 | 2.0 | .1 | 1.1 | .3 | .6 | <.01 | .18 | .02 | <2 | .01 | <.001 | <1 | 22.0 | <.01 | 6.9 | <.001 | <1 | .02 | <.01 | .01 | 4.8 | <.02 | <5 | <.1 | <.02 | 1 | .01 |
| MH 99R-023 | 2.3 | 3.9 | 6.4 | 15.8 | 13 | 4.6 | 1.5 | 303 | 1.84 | .6 | .8 | <2 | 17.5 | 4.3 | <.01 | .49 | .04 | 5 | .07 | .011 | 25.6 | 24.3 | .12 | 148.6 | .808 | <1 | .47 | .07 | .15 | 9.5 | .95 | <5 | .2 | <.02 | 2.0 | .01 |
| MH 99R-024 | 1.4 | 14.0 | 14.0 | 67.8 | 97 | 29.7 | 14.5 | 807 | 3.66 | 5.4 | 1.8 | <2 | 12.1 | 58.2 | .16 | .64 | .75 | 66 | 1.85 | .127 | 24.6 | 63.0 | 1.58 | 125.1 | .069 | <1 | 1.61 | .10 | .13 | 1.0 | .14 | <5 | <.1 | .02 | 9.0 | .10 |
| MH 99R-025 | .4 | 3.0 | 1.4 | 2.7 | 14 | 2.3 | .4 | 84 | .34 | .7 | <.1 | <2 | .1 | 1.3 | <.01 | .35 | <.02 | 2 | .06 | .002 | <1 | 21.4 | .01 | 28.1 | .001 | <1 | .02 | <.01 | .01 | 4.8 | <.02 | <5 | <.1 | <.02 | 1 | <.01 |
| MH 99R-026 | 2.4 | 15.3 | 52.6 | 32.0 | 471 | 6.2 | 3.7 | 788 | 1.48 | 111.7 | 13.5 | 4.3 | 17.3 | 55.8 | .92 | 4.75 | .71 | 15 | 1.28 | .034 | 14.9 | 22.9 | .37 | 113.1 | .033 | 1 | .56 | .05 | .30 | 8.6 | .19 | <5 | .3 | .09 | 1.4 | .12 |
| MH 99R-101 | .8 | 7.4 | 2.9 | 23.0 | 13 | 3.8 | 4.0 | 328 | 1.48 | 4.5 | 2.0 | <2 | 2.2 | 9.5 | <.01 | .19 | .06 | 38 | .18 | .021 | 2.8 | 16.6 | .49 | 211.1 | .142 | <1 | .95 | .12 | .56 | 3.1 | .46 | <5 | .1 | <.02 | 3.2 | <.01 |
| MH 99R-102 | .2 | 4.0 | 5.3 | 21.2 | 13 | 2.3 | 4.2 | 364 | 1.38 | 5.1 | 6.7 | <2 | 11.3 | 10.0 | <.01 | .32 | .03 | 36 | .18 | .018 | 9.0 | 15.0 | .46 | 144.2 | .117 | <1 | .98 | .13 | .58 | 4.0 | .25 | <5 | .3 | <.02 | 3.0 | <.01 |
| MH 99R-103 | 3.8 | 20.3 | 3847.3 | 12626.9 | 10166 | 6.6 | 3.3 | 13637 | 2.93 | 4566.2 | 5.5 | 431.9 | .8 | 8.5 | 247.99 | 53.41 | .09 | 6 | .17 | .001 | 1.8 | 22.1 | .20 | 169.1 | .001 | <1 | .10 | <.01 | .03 | 10.8 | .06 | 836 | 5 | <.02 | .8 | .05 |
| MH 99R-104 | 1.4 | 4.3 | 60.7 | 46.7 | 89 | 5.1 | .5 | 233 | 37 | 22.1 | .6 | 8.9 | 4.7 | 1.3 | .95 | .45 | 1.26 | <2 | .01 | .082 | 7.8 | 19.4 | .01 | 28.8 | .001 | <1 | .06 | .01 | .03 | 5.8 | <.02 | 7 | .1 | <.02 | 3 | .01 |
| MH 99R-105 | .9 | 4.2 | 18.9 | 13.4 | 26 | 3.3 | .8 | 358 | .65 | 8.7 | .2 | 4.9 | .7 | 1.8 | .18 | .23 | .93 | 2 | .01 | .093 | 1.4 | 23.9 | .02 | 53.3 | .001 | <1 | .08 | <.01 | .04 | 6.0 | .02 | <5 | <.1 | <.02 | 3 | <.01 |
| MH 99R-106 | 1.8 | 3.0 | 15.7 | 26.0 | 29 | 3.6 | .5 | 183 | .27 | 9.6 | .3 | 3.3 | 1.5 | 3.8 | .49 | .19 | .32 | <2 | .04 | .013 | 1.7 | 25.8 | .01 | 70.5 | .001 | <1 | .39 | 10 | 12 | 8.1 | .03 | <5 | <.1 | <.02 | 6 | <.01 |
| MH 99R-107 | 1.4 | 5.1 | 7.7 | 12.3 | 1014 | 4.7 | 1.1 | 134 | .58 | 6.9 | 1.2 | 2.0 | 3.4 | 3.3 | .03 | .28 | .09 | 2 | .02 | .003 | 5.3 | 19.8 | .02 | 30.5 | .001 | <1 | .14 | .01 | .08 | 5.5 | .82 | <5 | <.1 | <.02 | 4 | <.01 |
| STANDARD 052 | 14.0 | 126.9 | 31.7 | 160.2 | 289 | 37.6 | 11.8 | 818 | 3.09 | 63.1 | 20.5 | 191.5 | 3.6 | 28.3 | 11.23 | 9.50 | 11.09 | 81 | .64 | .008 | 13.3 | 168.3 | .62 | 140.3 | .119 | 1 | 1.78 | .04 | .16 | 7.3 | 2.82 | 235 | 2.6 | 1.83 | 5.9 | .05 |

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: P1-P2 ROCK P3-P4 SOIL Samples beginning 'RE' are Returns and 'RRE' are Reject>Returns.

DATE RECEIVED: JUN 15 1999 DATE REPORT MAILED: June 22/99 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date FA



Troymin Resources PROJECT MOOSEHORN FILE # 9901737



| SAMPLE# | Hg | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Hg | Ba | Tl | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|---------------|------|-------|--------|-------|-------|------|------|------|------|---------|------|-------|------|-------|-------|-------|-------|-----|------|------|------|-------|-----|-------|-------|----|------|------|-----|------|------|-----|-----|------|-----|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | % | % | % | % | ppm | ppb | ppm | ppm | ppm | % | |
| MH 99R-108 | .6 | 3.3 | 4.0 | 2.7 | 71 | 2.9 | .7 | 134 | .44 | 6.4 | .4 | 5.9 | .9 | 1.3 | .04 | .21 | .14 | <2 | .01 | .002 | 1.6 | 20.9 | .01 | 30.9 | <.001 | 1 | .07 | <.01 | .04 | 6.6 | .02 | <5 | <.1 | <.02 | .2 | <.01 |
| RE MH 99R-108 | .6 | 3.3 | 4.0 | 4.1 | 70 | 2.8 | .7 | 132 | .45 | 6.2 | .4 | 3.1 | .8 | 1.3 | .04 | .19 | .13 | <2 | .01 | .002 | 1.5 | 20.7 | .01 | 29.8 | <.001 | 1 | .07 | <.01 | .04 | 6.2 | .02 | <5 | <.1 | <.02 | .2 | <.01 |
| MH 99R-109 | 3.2 | 6.6 | 3.0 | 5.0 | 26 | 6.4 | 2.1 | 136 | .56 | 3.6 | .8 | 3.2 | 1.6 | 3.7 | .06 | .12 | .03 | 4 | .02 | .002 | <1 | 29.7 | .01 | 23.6 | .001 | 1 | .10 | .03 | .03 | 12.1 | <.02 | <5 | <.1 | <.02 | .3 | <.01 |
| MH 99R-110 | 2.7 | 35.1 | 2.0 | 2.4 | 46 | 9.3 | 15.1 | 104 | 1.27 | 137.4 | 3.2 | 88.7 | .1 | 11.6 | .03 | .41 | .08 | 5 | .01 | .007 | <1 | 28.5 | .01 | 11.2 | <.001 | <1 | .06 | <.01 | .01 | 5.4 | .07 | <5 | <.1 | <.02 | .4 | .01 |
| MH 99R-111 | .4 | 5.5 | 3.9 | 5.1 | 21 | 2.1 | 1.1 | 161 | .39 | 2.4 | .1 | 2.9 | .1 | 1.8 | .06 | 1.32 | .69 | <2 | .01 | .001 | <1 | 23.1 | .01 | 21.7 | .001 | 1 | .10 | <.01 | .08 | 5.2 | .06 | <5 | <.1 | <.02 | .2 | <.01 |
| MH 99R-112 | 17.4 | 34.0 | 1152.8 | 402.9 | 29372 | 5.5 | 1.3 | 219 | .63 | 20.5 | .7 | 199.8 | 8.8 | 8.0 | 6.51 | 53.42 | .25 | 2 | .03 | .006 | 5.9 | 36.0 | .01 | 512.7 | .001 | 1 | .14 | .02 | .06 | 12.3 | .03 | 467 | <.1 | .03 | .4 | .06 |
| MH 99R-113 | 1.4 | 4.6 | 12.9 | 21.8 | 164 | 3.8 | 1.4 | 94 | .92 | 1.3 | .9 | 6.6 | 17.5 | 1.9 | .07 | .55 | .02 | 7 | .02 | .006 | 30.8 | 19.6 | .07 | 37.1 | .030 | <1 | .25 | .02 | .19 | 3.5 | .11 | 8 | <.1 | <.02 | 2.5 | <.01 |
| MH 99R-114 | .3 | 2.5 | 7.3 | 7.9 | 40 | 1.5 | .6 | 98 | .51 | .8 | 3.0 | 3.0 | 6.6 | 2.3 | .03 | .18 | .06 | 3 | .03 | .005 | 4.6 | 16.3 | .06 | 25.8 | .012 | <1 | .26 | .06 | .15 | 4.2 | .06 | 7 | <.1 | <.02 | 1.2 | .01 |
| MH 99R-115 | 2.3 | 11.4 | 73.5 | 111.3 | 581 | 6.9 | 8.8 | 1069 | 2.38 | 11169.3 | 6.2 | 71.3 | 19.1 | 113.9 | 3.92 | 11.54 | 1.46 | 14 | 2.05 | .069 | 12.8 | 22.7 | .50 | 250.0 | .012 | 2 | .62 | .03 | .35 | 7.8 | .07 | 14 | .1 | <.02 | 1.4 | .70 |
| MH 99R-116 | .9 | 4.2 | 10.3 | 10.1 | 77 | 3.1 | .7 | 63 | .45 | 130.5 | 2.9 | 6.3 | 5.4 | 3.7 | .08 | .46 | .08 | 3 | .03 | .004 | 8.6 | 15.2 | .02 | 36.3 | .003 | <1 | .21 | .04 | .15 | 3.5 | .04 | <5 | <.1 | <.02 | .5 | .03 |
| MH 99R-117 | .3 | 2.2 | 6.7 | 5.7 | 23 | 1.8 | .5 | 41 | .41 | 7.4 | 3.0 | .6 | 19.9 | 4.2 | .02 | .15 | .02 | 4 | .03 | .004 | 6.5 | 10.8 | .02 | 19.9 | .003 | <1 | .22 | .04 | .13 | 2.3 | .04 | 5 | <.1 | <.02 | .7 | <.01 |
| MH 99R-118 | 1.8 | 17.7 | 7.9 | 68.9 | 112 | 5.3 | 14.5 | 852 | 3.29 | 36.0 | 3.6 | 15.4 | 9.4 | 28.5 | .15 | 1.49 | .15 | 64 | .91 | .091 | 12.1 | 17.0 | .96 | 458.8 | .166 | 2 | 1.53 | .07 | .72 | 5.0 | .35 | <5 | .3 | .06 | 4.4 | .22 |
| MH 99R-119 | 1.0 | 10.5 | 7.6 | 51.2 | 86 | 5.2 | 7.3 | 809 | 2.12 | 42.5 | 2.7 | 3.7 | 25.9 | 21.9 | .26 | 1.26 | .04 | 19 | .79 | .061 | 34.8 | 11.1 | .28 | 263.1 | .015 | 2 | .86 | .03 | .37 | 2.4 | .17 | 9 | <.1 | .02 | 2.4 | .06 |
| MH 99R-120 | .2 | 3.0 | 9.6 | 9.9 | 61 | 1.3 | .6 | 54 | .42 | 5.0 | 2.0 | 1.0 | 20.1 | 5.1 | .04 | .26 | <.02 | 4 | .03 | .003 | 5.5 | 12.6 | .03 | 42.8 | .004 | 1 | .22 | .04 | .14 | 2.9 | .05 | 5 | <.1 | <.02 | .7 | .01 |
| MH 99R-121 | 1.8 | 11.7 | 4.5 | 42.8 | 34 | 7.0 | 7.0 | 602 | 1.81 | 8.5 | 2.6 | .2 | 18.2 | 15.1 | .14 | .97 | <.02 | 13 | .69 | .053 | 36.0 | 17.0 | .19 | 250.1 | .016 | 2 | .68 | .06 | .34 | 5.6 | .13 | 6 | <.1 | <.02 | 1.8 | .04 |
| MH 99R-130 | 2.2 | 24.2 | 3.6 | 5.9 | 35 | 5.9 | 2.0 | 416 | .60 | 5.2 | .3 | <2 | .4 | 10.2 | .05 | .17 | .03 | 6 | .36 | .016 | 1.5 | 31.0 | .02 | 39.2 | .001 | <1 | .08 | <.01 | .03 | 6.6 | <.02 | <5 | <.1 | <.02 | .3 | .02 |
| STANDARD DS2 | 14.5 | 130.9 | 30.7 | 163.9 | 243 | 38.0 | 13.1 | 822 | 3.20 | 63.4 | 28.4 | 288.1 | 3.7 | 30.7 | 11.39 | 9.67 | 11.51 | 80 | .56 | .083 | 14.0 | 174.6 | 64 | 146.0 | .117 | 2 | 1.84 | .04 | .16 | 7.3 | 2.09 | 234 | 2.7 | 1.82 | 6.2 | <.01 |

Sample type: ROCK. Samples beginning 'RE' are Retests and 'RRE' are Reject Retests.



GEOCHEMICAL ANALYSIS CERTIFICATE



Troymin Resources PROJECT MOOSEHORN File # 9901737 Page 3
200 - 622 5th Ave S.W., Calgary AB T2P 0M6 Submitted by: SCOTT CASSELMAN

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|---------------|------|-------|------|-------|-----|-------|------|------|------|-------|------|-------|------|------|-------|------|-------|-----|------|------|------|-------|------|-------|------|-------|------|------|------|------|-----|-----|------|------|------|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppb | ppm | ppm | ppm | % |
| MH 99L-122 | .3 | 10.4 | 74.3 | 44.7 | 14 | 6.7 | 5.1 | 465 | 2.00 | 3.9 | 1.2 | 1.5 | 19.5 | 20.1 | .03 | .41 | 1.06 | 22 | .28 | .024 | 42.2 | 9.1 | 1.21 | 79.6 | .101 | 1.148 | .01 | .38 | <2 | .39 | 12 | <1 | .04 | 5.3 | <.01 | |
| MH 99L-123 | .5 | 29.5 | 21.6 | 54.6 | 31 | 6.7 | 8.5 | 517 | 2.74 | 2.7 | 1.8 | 1.9 | 29.4 | 17.6 | .06 | 7.58 | .28 | 14 | .30 | .051 | 49.8 | 3.2 | .56 | 112.8 | .034 | 2.149 | <.01 | .35 | <2 | .31 | 18 | <1 | .02 | 4.5 | <.01 | |
| MH 99L-124 | .4 | 20.4 | 12.8 | 43.6 | 21 | 16.2 | 7.9 | 597 | 2.41 | 4.0 | 1.7 | 1.7 | 14.7 | 25.6 | .04 | 1.33 | .11 | 44 | .32 | .022 | 27.1 | 20.0 | .50 | 123.4 | .074 | 1.132 | .02 | .15 | <2 | .17 | 26 | <1 | .02 | 3.6 | <.01 | |
| MH 99L-125 | .6 | 17.4 | 8.4 | 59.9 | 17 | 16.7 | 10.2 | 467 | 2.97 | 8.1 | 1.3 | 1.4 | 12.5 | 23.9 | .06 | .38 | .08 | 61 | .32 | .028 | 29.6 | 25.8 | 1.08 | 182.8 | .146 | 1.201 | .03 | .35 | <2 | .27 | 12 | <1 | <.02 | 6.5 | <.01 | |
| RE MH 99L-125 | .6 | 17.5 | 8.8 | 60.9 | 18 | 17.2 | 9.5 | 467 | 3.01 | 8.0 | 1.4 | 1.4 | 13.5 | 24.1 | .06 | .37 | .08 | 62 | .32 | .029 | 31.6 | 25.9 | 1.08 | 178.4 | .149 | 1.200 | .03 | .37 | <2 | .30 | 12 | <1 | .02 | 6.9 | <.01 | |
| MH 99L-126 | .3 | 18.4 | 12.4 | 73.0 | 19 | 21.7 | 23.6 | 1148 | 5.69 | 2.3 | 1.1 | 1.0 | 6.9 | 32.8 | .03 | .59 | .07 | 115 | .58 | .062 | 36.5 | 142.0 | 2.01 | 393.2 | .077 | <1 | 2.90 | .01 | .30 | <2 | .21 | 23 | <1 | .02 | 9.0 | <.01 |
| MH 99L-127 | 1.1 | 19.6 | 14.6 | 50.6 | 46 | 19.9 | 12.5 | 495 | 3.32 | 4.6 | 1.8 | 2.2 | 12.4 | 28.7 | .04 | .97 | .19 | 50 | .38 | .078 | 27.1 | 23.5 | .34 | 147.7 | .021 | <1 | 1.11 | .01 | .19 | <2 | .14 | 18 | <1 | .04 | 3.3 | <.01 |
| MH 99L-128 | 2.2 | 39.7 | 14.0 | 105.4 | 71 | 114.5 | 41.3 | 2092 | 7.02 | 3.0 | 1.8 | 1.1 | 7.2 | 22.9 | .09 | .46 | .07 | 208 | .47 | .036 | 17.7 | 227.6 | 3.36 | 406.6 | .137 | <1 | 3.13 | .01 | .86 | <2 | .26 | 27 | <1 | <.02 | 11.0 | <.01 |
| MH 99L-129 | .1 | 15.3 | 2.8 | 100.4 | 2 | 9.8 | 21.0 | 1036 | 5.84 | 5.9 | .6 | .2 | 8.2 | 31.3 | .03 | .19 | .03 | 201 | .87 | .165 | 18.5 | 12.7 | 3.52 | 505.8 | .378 | <1 | 3.79 | .02 | 1.55 | <2 | .53 | <5 | .1 | <.02 | 14.3 | <.01 |
| MH 99L-131 | .6 | 21.4 | 9.2 | 46.5 | 21 | 21.9 | 10.0 | 348 | 2.87 | 6.1 | .7 | 2.6 | 7.1 | 27.8 | .06 | .63 | .12 | 80 | .33 | .014 | 17.1 | 36.2 | .66 | 156.0 | .140 | 1.220 | .03 | .09 | <2 | .11 | 16 | .4 | .03 | 6.2 | <.01 | |
| MH 99L-132 | 13.6 | 27.8 | 11.6 | 58.3 | 25 | 33.8 | 14.9 | 352 | 3.46 | 8.5 | .9 | .3 | 6.6 | 24.5 | .10 | .79 | .19 | 87 | .25 | .017 | 10.1 | 41.4 | .73 | 201.1 | .160 | 2.321 | .03 | .09 | <2 | .18 | 30 | .4 | .06 | 6.1 | <.01 | |
| MH 99L-133 | .5 | 19.8 | 8.5 | 42.4 | 9 | 20.3 | 9.0 | 270 | 2.64 | 5.8 | .5 | 3.1 | 4.7 | 17.4 | .05 | .36 | .12 | 72 | .23 | .018 | 8.9 | 33.6 | .67 | 133.4 | .130 | 1.199 | .02 | .05 | <2 | .09 | 14 | .3 | .03 | 5.5 | <.01 | |
| MH 99L-134 | .9 | 14.2 | 8.8 | 33.0 | 5 | 9.6 | 3.9 | 133 | 2.64 | 5.7 | .4 | 1.9 | 3.7 | 10.9 | .06 | .45 | .16 | 85 | .11 | .020 | 6.1 | 18.4 | .24 | 62.4 | .088 | 1.162 | .02 | .06 | <2 | .08 | 17 | .2 | .04 | 7.7 | <.01 | |
| MH 99L-135 | .8 | 16.3 | 11.6 | 46.1 | 8 | 24.9 | 18.0 | 378 | 2.92 | 6.9 | .6 | 1.1 | 6.9 | 20.8 | .10 | .48 | .12 | 70 | .21 | .022 | 12.2 | 30.9 | .47 | 192.4 | .055 | 1.278 | .02 | .10 | <2 | .09 | 21 | .3 | .03 | 5.4 | <.01 | |
| MH 99L-136 | 1.2 | 16.8 | 7.1 | 38.1 | 21 | 13.7 | 6.5 | 334 | 2.27 | 6.7 | 1.2 | .8 | 6.6 | 22.7 | .07 | .29 | .16 | 63 | .31 | .021 | 14.2 | 22.9 | .53 | 203.8 | .136 | 1.146 | .02 | .11 | <2 | .10 | 16 | .3 | .02 | 4.8 | <.01 | |
| MH 99L-137 | 1.0 | 16.6 | 7.4 | 55.7 | 27 | 11.6 | 8.7 | 465 | 3.25 | 5.8 | 2.1 | <.2 | 15.5 | 15.1 | .06 | .66 | .19 | 63 | .18 | .022 | 24.4 | 17.3 | .72 | 217.2 | .123 | 1.176 | .02 | .45 | <2 | .23 | 7 | <1 | .02 | 5.8 | <.01 | |
| MH 99L-138 | 2.0 | 35.0 | 8.6 | 72.6 | 51 | 31.8 | 12.8 | 441 | 3.61 | 11.8 | .9 | 1.3 | 5.2 | 26.3 | .03 | .26 | .15 | 93 | .46 | .019 | 12.6 | 61.4 | 1.83 | 425.6 | .222 | 1.231 | .02 | .58 | <2 | .32 | 16 | .3 | .03 | 7.7 | <.01 | |
| MH 99L-139 | .7 | 20.1 | 7.6 | 66.6 | 27 | 21.2 | 10.4 | 400 | 3.58 | 6.3 | 1.0 | .6 | 14.6 | 19.6 | .03 | .62 | .12 | 74 | .28 | .028 | 33.4 | 38.5 | .89 | 246.7 | .147 | 1.190 | .02 | .42 | <2 | .34 | 11 | <1 | .02 | 7.5 | <.01 | |
| MH 99L-140 | .6 | 19.8 | 10.0 | 67.1 | 67 | 28.9 | 10.9 | 570 | 3.56 | 5.4 | 2.1 | 2.5 | 22.6 | 21.7 | .05 | .36 | .37 | 65 | .44 | .062 | 68.8 | 44.4 | .69 | 180.4 | .105 | 1.163 | .02 | .37 | .3 | .44 | 18 | <1 | .02 | 6.6 | <.01 | |
| MH 99L-141 | 1.0 | 21.4 | 12.0 | 61.5 | 142 | 29.7 | 12.3 | 510 | 3.57 | 152.1 | 2.3 | 8.0 | 16.2 | 28.3 | .08 | .65 | .15 | 64 | .65 | .057 | 42.2 | 57.1 | .94 | 178.3 | .121 | 1.176 | .03 | .49 | .3 | .42 | 28 | <1 | .02 | 6.3 | <.01 | |
| MH 99L-142 | .6 | 23.8 | 10.0 | 70.1 | 86 | 16.7 | 12.6 | 592 | 3.86 | 34.9 | 1.8 | 3.4 | 14.2 | 28.3 | .09 | .98 | .21 | 93 | .71 | .098 | 22.4 | 24.8 | .99 | 279.9 | .159 | 1.180 | .03 | .48 | .3 | .52 | 16 | .1 | .02 | 6.4 | <.01 | |
| MH 99L-143 | .5 | 20.1 | 13.9 | 73.0 | 109 | 15.7 | 13.1 | 577 | 3.62 | 255.0 | 2.9 | 4.4 | 13.9 | 34.3 | .12 | .93 | .32 | 97 | .70 | .105 | 18.5 | 24.9 | .92 | 262.9 | .163 | 1.157 | .03 | .37 | .2 | .45 | 19 | <1 | .04 | 5.3 | <.01 | |
| MH 99L-144 | .4 | 27.3 | 39.6 | 72.9 | 480 | 16.8 | 12.0 | 663 | 3.09 | 451.3 | 5.9 | 9.4 | 10.0 | 49.8 | .34 | 1.30 | .72 | 81 | .84 | .072 | 23.5 | 21.5 | .68 | 287.6 | .113 | 1.143 | .03 | .26 | .2 | .28 | 29 | .2 | .03 | 4.7 | .01 | |
| MH 99L-145 | .4 | 29.2 | 30.5 | 86.7 | 254 | 19.8 | 13.0 | 636 | 3.88 | 344.8 | 2.6 | 15.4 | 14.9 | 43.9 | .29 | 4.09 | .78 | 100 | .80 | .096 | 23.4 | 25.2 | .84 | 221.2 | .153 | 1.174 | .03 | .34 | <2 | .39 | 25 | .2 | .12 | 5.8 | .01 | |
| MH 99L-146 | .4 | 36.9 | 55.1 | 122.4 | 424 | 20.0 | 15.3 | 785 | 4.17 | 464.6 | 3.3 | 30.0 | 20.8 | 43.4 | .79 | 3.83 | .66 | 99 | .82 | .110 | 33.5 | 22.8 | .78 | 331.8 | .112 | 1.152 | .03 | .37 | <2 | .42 | 25 | .2 | .05 | 5.1 | <.01 | |
| MH 99L-147 | .6 | 34.9 | 30.3 | 88.0 | 229 | 18.1 | 15.6 | 729 | 4.42 | 290.4 | 4.2 | 8.6 | 28.5 | 35.8 | .50 | 2.94 | .46 | 107 | .75 | .128 | 43.6 | 23.0 | .83 | 241.2 | .117 | 1.152 | .03 | .45 | <2 | .43 | 18 | .1 | .03 | 5.7 | .01 | |
| MH 99L-148 | .3 | 82.2 | 32.2 | 91.4 | 368 | 16.5 | 19.5 | 1235 | 5.20 | 577.2 | 4.3 | 19.1 | 40.2 | 27.6 | .32 | 2.75 | .55 | 90 | .56 | .156 | 87.0 | 12.1 | .25 | 360.7 | .010 | <1 | .75 | <.01 | .27 | <2 | .22 | 27 | <1 | .02 | 2.5 | <.01 |
| MH 99L-149 | .3 | 30.5 | 15.5 | 63.1 | 174 | 19.5 | 11.9 | 592 | 3.39 | 171.3 | 3.0 | 8.1 | 12.2 | 42.9 | .16 | .95 | .27 | 90 | .78 | .080 | 24.2 | 29.5 | .86 | 225.4 | .158 | 1.173 | .04 | .37 | <2 | .34 | 28 | .2 | .03 | 5.7 | <.01 | |
| MH 99L-150 | .3 | 31.3 | 14.5 | 79.3 | 220 | 17.3 | 13.7 | 558 | 3.95 | 236.7 | 1.9 | 12.6 | 17.6 | 26.5 | .21 | .98 | .38 | 100 | .69 | .130 | 25.2 | 24.4 | 1.02 | 165.0 | .169 | 1.178 | .03 | .74 | <2 | .66 | 14 | .1 | .06 | 6.4 | <.01 | |
| MH 99L-151 | .3 | 33.0 | 13.4 | 69.0 | 120 | 22.7 | 12.9 | 653 | 3.34 | 147.2 | 1.6 | 37.4 | 8.7 | 42.9 | .21 | .86 | .26 | 94 | .98 | .085 | 16.7 | 27.4 | .84 | 201.7 | .166 | 2.160 | .04 | .38 | <2 | .33 | 24 | .3 | .05 | 5.6 | <.01 | |
| MH 99L-152 | .2 | 33.5 | 14.8 | 68.6 | 101 | 16.9 | 13.2 | 654 | 3.43 | 203.2 | 1.6 | 6.7 | 13.7 | 46.1 | .25 | 1.09 | .36 | 95 | 1.05 | .121 | 22.1 | 25.2 | 1.05 | 225.1 | .209 | 2.182 | .10 | .58 | .3 | .54 | 22 | .7 | .08 | 6.1 | .18 | |
| MH 99L-153 | .3 | 19.9 | 9.5 | 67.9 | 79 | 17.3 | 9.5 | 450 | 3.38 | 104.0 | 4.1 | 9.0 | 4.1 | 35.1 | .11 | .68 | .14 | 95 | .55 | .075 | 13.2 | 33.7 | .83 | 353.3 | .179 | 1.215 | .03 | .14 | <2 | .23 | 61 | .6 | .02 | 7.0 | .01 | |
| MH 99L-154 | .6 | 21.6 | 7.8 | 64.6 | 127 | 20.6 | 10.8 | 587 | 2.53 | 15.5 | 1.5 | 3.0 | 1.9 | 44.6 | .24 | .47 | 14 | 76 | .66 | .071 | 13.0 | 26.9 | .57 | 356.6 | .118 | 2.199 | .03 | .09 | <2 | .13 | 53 | .6 | .04 | 6.3 | .05 | |
| MH 99L-155 | .6 | 22.3 | 7.1 | 64.6 | 116 | 20.7 | 9.8 | 568 | 2.55 | 13.6 | 1.5 | 2.5 | 1.8 | 39.0 | .21 | .41 | .13 | 77 | .67 | .071 | 12.3 | 25.1 | .53 | 327.0 | .110 | 1.183 | .03 | .09 | <2 | .12 | 51 | .5 | .04 | 5.6 | .05 | |
| MH 99L-156 | .4 | 14.6 | 9.1 | 61.6 | 119 | 14.4 | 12.8 | 784 | 3.26 | 45.1 | 2.1 | 341.1 | 9.2 | 31.7 | .17 | .96 | .11 | 79 | .59 | .080 | 22.9 | 28.3 | .75 | 270.9 | .168 | 1.190 | .03 | .10 | <2 | .12 | 35 | .7 | .02 | 5.9 | <.01 | |
| STANDARD DS2 | 13.1 | 124.7 | 31.8 | 158.8 | 250 | 36.7 | 12.0 | 780 | 3.06 | 63.1 | 19.5 | 190.5 | 3.4 | 27.8 | 11.20 | 9.40 | 10.46 | 80 | .54 | .079 | 13.7 | 158.4 | .60 | 136.3 | .114 | 2.173 | .04 | .16 | 7.2 | 1.98 | 244 | 2.6 | 1.81 | 5.6 | <.01 | |

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & MS. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.

- SAMPLE TYPE: P1-P2 ROCK P3-P4 SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

* 15g used due to insufficient samples

DATE RECEIVED: JUN 15 1999 DATE REPORT MAILED: June 22/99 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

Troymin Resources PROJECT MOOSEHORN FILE # 9901737



| | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|--------|------|-------|------|-------|-----|------|------|-----|------|------|------|-------|-----|------|-------|------|-------|-----|-----|------|------|-------|-----|-------|------|---|------|-----|-----|-----|------|-----|-----|------|-----|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 157 | .5 | 18.1 | 7.4 | 54.2 | 80 | 17.9 | 9.4 | 284 | 2.14 | 6.2 | 1.2 | 4.3 | 2.0 | 33.7 | .13 | .40 | .13 | 61 | .46 | .057 | 10.4 | 31.8 | .61 | 269.8 | .129 | 1 | 1.98 | .03 | .06 | <.2 | .12 | 49 | .4 | .03 | 6.4 | .08 |
| 158 | .5 | 13.1 | 5.8 | 42.0 | 39 | 11.6 | 5.9 | 164 | 1.78 | 3.9 | .5 | 3.1 | 1.5 | 28.8 | .17 | .31 | .13 | 58 | .38 | .038 | 6.8 | 22.3 | .46 | 164.8 | .143 | 2 | 1.42 | .03 | .06 | <.2 | .12 | 51 | .3 | .03 | 5.4 | .06 |
| 159 | .7 | 18.4 | 7.0 | 56.7 | 72 | 17.2 | 11.0 | 457 | 2.28 | 11.7 | 1.1 | 4.7 | 2.7 | 37.6 | .17 | .35 | .12 | 70 | .58 | .065 | 10.9 | 26.0 | .62 | 266.5 | .136 | 1 | 1.82 | .03 | .08 | <.2 | .12 | 42 | .5 | .03 | 6.2 | .05 |
| 160 | .7 | 13.4 | 7.6 | 41.8 | 56 | 12.5 | 6.1 | 185 | 1.73 | 5.7 | .7 | 4.2 | 1.1 | 27.1 | .12 | .33 | .23 | 55 | .36 | .052 | 6.6 | 28.1 | .49 | 160.7 | .141 | 2 | 1.55 | .03 | .06 | .2 | .19 | 74 | .4 | .03 | 6.0 | .04 |
| 161 | 1.2 | 16.2 | 8.8 | 63.2 | 84 | 16.7 | 11.8 | 534 | 2.48 | 11.4 | 1.2 | 3.1 | 2.6 | 35.8 | .13 | .39 | .14 | 79 | .54 | .065 | 9.6 | 29.0 | .72 | 308.9 | .146 | 1 | 1.96 | .03 | .11 | <.2 | .14 | 69 | .4 | .03 | 7.0 | .03 |
| 162 | .8 | 12.8 | 8.8 | 49.2 | 59 | 13.8 | 6.5 | 201 | 2.00 | 7.7 | 1.0 | 4.0 | 2.6 | 26.4 | .08 | .33 | .12 | 61 | .43 | .058 | 8.8 | 24.9 | .62 | 172.5 | .150 | 1 | 1.66 | .03 | .10 | <.2 | .13 | 38 | .4 | .02 | 6.2 | .03 |
| 163 | .9 | 16.7 | 7.7 | 54.8 | 68 | 15.0 | 10.7 | 645 | 2.61 | 6.1 | 1.2 | 5.5 | 2.9 | 29.9 | .17 | .33 | .13 | 79 | .46 | .069 | 11.1 | 29.1 | .62 | 180.8 | .169 | 2 | 1.89 | .03 | .13 | <.2 | .14 | 60 | .5 | .02 | 6.3 | .05 |
| 164 | 1.1 | 14.2 | 7.6 | 49.2 | 48 | 17.1 | 8.6 | 288 | 2.43 | 9.5 | .9 | 3.5 | 2.1 | 24.5 | .08 | .29 | .12 | 86 | .38 | .050 | 8.1 | 25.5 | .64 | 140.9 | .156 | 1 | 1.85 | .03 | .07 | <.2 | .13 | 34 | .3 | .03 | 6.4 | .06 |
| 165 | .6 | 22.4 | 5.6 | 61.0 | 118 | 13.2 | 5.8 | 453 | 1.66 | 5.6 | 15.0 | 4.5 | .4 | 48.7 | .54 | .33 | .12 | 50 | .70 | .056 | 9.1 | 19.9 | .34 | 205.9 | .098 | 2 | 1.18 | .04 | .13 | <.2 | .11 | 46 | .5 | .04 | 4.4 | .11 |
| 166 | .8 | 13.2 | 7.9 | 48.4 | 76 | 14.8 | 6.6 | 203 | 2.02 | 9.1 | .9 | 5.9 | 1.2 | 34.2 | .08 | .25 | .13 | 59 | .53 | .049 | 5.8 | 25.4 | .59 | 165.8 | .125 | 1 | 1.64 | .03 | .08 | <.2 | .10 | 45 | .3 | .02 | 6.2 | .07 |
| 167 | 1.6 | 20.0 | 8.1 | 57.2 | 96 | 17.4 | 11.3 | 691 | 2.43 | 9.6 | 1.9 | 2.9 | 1.8 | 56.6 | .17 | .39 | .14 | 76 | .89 | .060 | 9.3 | 30.3 | .62 | 259.1 | .142 | 1 | 1.98 | .03 | .09 | <.2 | .14 | 51 | .5 | .03 | 6.6 | .10 |
| 168 | 1.4 | 18.2 | 8.6 | 56.5 | 97 | 16.6 | 11.6 | 572 | 2.58 | 9.3 | 1.8 | .3 | 2.5 | 32.0 | .10 | .37 | .19 | 80 | .47 | .053 | 8.6 | 29.3 | .70 | 195.8 | .159 | 1 | 1.97 | .03 | .07 | <.2 | .17 | 41 | .5 | .05 | 6.6 | .04 |
| 169 | 1.7 | 20.5 | 7.9 | 54.9 | 88 | 18.6 | 12.2 | 438 | 2.76 | 34.8 | 1.8 | 6.9 | 2.6 | 27.2 | .09 | 1.60 | .13 | 90 | .39 | .048 | 9.0 | 29.3 | .73 | 201.7 | .162 | 1 | 2.08 | .03 | .07 | <.2 | .18 | 35 | .4 | .02 | 6.8 | .02 |
| 9L-169 | 1.6 | 20.5 | 7.9 | 54.4 | 87 | 18.3 | 11.7 | 432 | 2.75 | 34.4 | 1.9 | 6.9 | 2.4 | 27.5 | .08 | 1.62 | .12 | 89 | .38 | .048 | 8.7 | 30.8 | .73 | 201.8 | .162 | 1 | 2.07 | .03 | .07 | <.2 | .17 | 37 | .4 | .03 | 6.7 | .07 |
| 170 | .5 | 17.5 | 6.4 | 44.0 | 88 | 15.1 | 8.1 | 251 | 2.16 | 11.0 | 1.1 | 3.9 | 1.4 | 30.6 | .09 | 2.23 | .11 | 65 | .46 | .053 | 6.5 | 20.9 | .61 | 210.8 | .148 | 1 | 1.81 | .03 | .08 | <.2 | .13 | 44 | .5 | .03 | 5.7 | .05 |
| 171 | .5 | 20.3 | 6.4 | 42.5 | 86 | 14.7 | 9.4 | 314 | 2.15 | 10.1 | 1.4 | 4.0 | 1.6 | 29.7 | .12 | 1.70 | .09 | 65 | .46 | .055 | 8.1 | 23.4 | .64 | 206.6 | .136 | 1 | 1.79 | .04 | .09 | <.2 | .11 | 48 | .5 | .03 | 5.4 | .06 |
| 172 | .6 | 20.7 | 7.0 | 62.5 | 43 | 22.8 | 13.1 | 514 | 3.06 | 17.4 | 1.5 | 4.9 | 4.3 | 25.0 | .13 | 3.05 | .10 | 94 | .41 | .049 | 8.9 | 28.2 | .83 | 228.1 | .192 | 1 | 2.33 | .03 | .11 | <.2 | .13 | 22 | .3 | .02 | 6.5 | .01 |
| 173 | .7 | 26.9 | 7.5 | 69.4 | 62 | 22.7 | 16.9 | 673 | 3.42 | 23.9 | 2.4 | 2.4 | 5.4 | 26.2 | .10 | .55 | .11 | 109 | .44 | .060 | 11.9 | 29.0 | .90 | 293.1 | .205 | 1 | 2.35 | .03 | .09 | .3 | .19 | 23 | .4 | .03 | 6.9 | .02 |
| 174 | 1.0 | 20.3 | 10.6 | 61.9 | 70 | 20.0 | 13.5 | 626 | 3.23 | 37.6 | 1.4 | 3.0 | 4.2 | 23.6 | .10 | .50 | .16 | 105 | .33 | .041 | 7.9 | 30.7 | .75 | 189.0 | .181 | 1 | 2.32 | .03 | .10 | <.2 | .15 | 32 | .3 | .04 | 8.3 | <.01 |
| 175 | .6 | 22.6 | 9.2 | 57.5 | 122 | 20.0 | 10.3 | 373 | 2.66 | 29.4 | 3.2 | 2.6 | 2.9 | 25.2 | .12 | .40 | .14 | 77 | .36 | .058 | 9.5 | 26.5 | .68 | 214.6 | .141 | 1 | 2.16 | .03 | .10 | <.2 | .16 | 45 | .5 | .04 | 6.8 | .04 |
| 176 | .5 | 23.2 | 10.9 | 67.3 | 139 | 22.1 | 11.5 | 350 | 2.93 | 60.6 | 4.3 | 10.0 | 4.6 | 26.4 | .18 | .43 | .17 | 86 | .40 | .058 | 10.3 | 31.0 | .73 | 189.5 | .154 | 1 | 2.22 | .02 | .11 | <.2 | .19 | 84 | .5 | .03 | 7.6 | .03 |
| 177 | .5 | 21.5 | 9.1 | 52.8 | 89 | 17.2 | 10.4 | 430 | 2.57 | 26.3 | 2.8 | 3.1 | 4.2 | 25.7 | .13 | .36 | .14 | 82 | .39 | .052 | 10.3 | 24.9 | .67 | 151.1 | .165 | 1 | 1.79 | .03 | .12 | <.2 | .17 | 24 | .3 | .03 | 6.2 | .03 |
| 178 | .8 | 20.7 | 9.1 | 41.9 | 148 | 15.5 | 8.8 | 283 | 2.38 | 26.4 | 4.7 | 3.2 | 3.6 | 22.4 | .08 | .37 | .16 | 74 | .31 | .046 | 13.0 | 24.3 | .51 | 176.8 | .138 | 1 | 1.96 | .03 | .07 | <.2 | .18 | 45 | .5 | .04 | 6.2 | .08 |
| 179 | .6 | 21.6 | 12.9 | 63.1 | 76 | 19.3 | 11.2 | 414 | 2.67 | 44.1 | 2.0 | 7.3 | 3.9 | 29.7 | .20 | .44 | .16 | 82 | .48 | .055 | 7.8 | 27.0 | .78 | 172.1 | .165 | 1 | 1.94 | .03 | .10 | <.2 | .15 | 26 | .4 | .03 | 6.3 | .01 |
| 180 | .4 | 18.0 | 8.4 | 55.1 | 72 | 16.7 | 11.2 | 464 | 2.57 | 29.6 | 1.9 | 112.4 | 4.0 | 28.5 | .13 | .42 | .12 | 80 | .49 | .060 | 7.9 | 23.9 | .78 | 162.1 | .174 | 1 | 1.77 | .03 | .10 | <.2 | .14 | 31 | .3 | .03 | 5.8 | .03 |
| 181 | .5 | 21.6 | 8.1 | 55.0 | 88 | 19.5 | 11.0 | 418 | 2.92 | 16.6 | 2.7 | 136.9 | 5.2 | 26.8 | .13 | .45 | .12 | 93 | .42 | .045 | 10.4 | 28.6 | .70 | 175.8 | .171 | 1 | 2.04 | .02 | .09 | <.2 | .16 | 30 | .4 | .03 | 6.8 | .05 |
| 182 | .4 | 20.6 | 6.7 | 59.2 | 54 | 16.8 | 11.2 | 488 | 2.90 | 22.0 | 2.0 | 6.1 | 6.5 | 27.2 | .09 | .52 | .09 | 89 | .47 | .063 | 9.4 | 24.9 | .83 | 158.5 | .197 | 1 | 1.96 | .03 | .19 | <.2 | .25 | 22 | .3 | .03 | 6.0 | .03 |
| 183 | .4 | 24.1 | 9.1 | 50.5 | 101 | 19.6 | 10.5 | 403 | 2.61 | 27.0 | 5.1 | 3.1 | 5.4 | 32.0 | .13 | .43 | .11 | 76 | .49 | .053 | 15.6 | 26.8 | .59 | 200.7 | .147 | 1 | 2.03 | .02 | .12 | <.2 | .18 | 38 | .2 | .04 | 6.1 | .04 |
| 184 | .3 | 20.2 | 7.4 | 55.6 | 28 | 18.6 | 10.6 | 366 | 2.84 | 21.9 | 1.5 | 8.9 | 6.5 | 28.6 | .09 | .46 | .10 | 86 | .50 | .066 | 9.9 | 28.2 | .86 | 138.7 | .205 | 1 | 1.94 | .03 | .19 | <.2 | .27 | 19 | .4 | .03 | 5.9 | <.01 |
| 185 | .2 | 24.5 | 7.8 | 51.4 | 57 | 21.3 | 11.0 | 291 | 2.67 | 14.4 | 3.0 | 17.0 | 5.0 | 31.4 | .10 | .43 | .12 | 79 | .46 | .055 | 12.3 | 32.6 | .72 | 181.7 | .167 | 1 | 2.07 | .03 | .08 | <.2 | .17 | 30 | .4 | .03 | 6.4 | .03 |
| 186 | .3 | 18.7 | 6.1 | 44.2 | 47 | 16.6 | 6.8 | 215 | 2.15 | 9.3 | 1.5 | 3.3 | 2.8 | 25.0 | .09 | .33 | .11 | 62 | .37 | .043 | 7.1 | 22.9 | .54 | 121.6 | .136 | 1 | 1.56 | .02 | .07 | <.2 | .13 | 32 | .4 | .03 | 5.3 | .04 |
| 187 | .3 | 22.9 | 10.2 | 51.7 | 47 | 18.6 | 9.5 | 322 | 2.54 | 40.8 | 1.6 | 4.9 | 4.9 | 28.7 | .12 | .45 | .13 | 74 | .45 | .057 | 9.9 | 27.7 | .70 | 138.3 | .167 | 1 | 1.90 | .02 | .12 | <.2 | .18 | 30 | .4 | .03 | 6.1 | .04 |
| 188 | .3 | 18.3 | 9.7 | 44.0 | 61 | 15.9 | 7.8 | 236 | 2.09 | 49.6 | 1.3 | 1.8 | 2.5 | 26.3 | .10 | .40 | .14 | 61 | .36 | .049 | 8.2 | 23.9 | .55 | 122.2 | .131 | 1 | 1.65 | .02 | .06 | <.2 | .13 | 32 | .4 | .02 | 5.2 | .04 |
| 189 | .3 | 18.2 | 8.0 | 51.8 | 45 | 16.0 | 10.1 | 442 | 2.44 | 28.3 | 1.4 | 1.9 | 5.1 | 25.7 | .12 | .39 | .16 | 74 | .44 | .061 | 9.2 | 21.3 | .67 | 119.9 | .154 | 1 | 1.58 | .02 | .15 | <.2 | .20 | 30 | .3 | .03 | 5.4 | .04 |
| D DS2 | 12.6 | 125.0 | 30.5 | 159.5 | 253 | 36.9 | 12.2 | 783 | 3.07 | 61.6 | 19.4 | 190.5 | 3.4 | 27.5 | 10.91 | 9.40 | 10.24 | 80 | .54 | .079 | 13.1 | 157.1 | .60 | 135.1 | .114 | 2 | 1.71 | .04 | .15 | 7.0 | 1.99 | 246 | 2.5 | 1.83 | 5.8 | .04 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Troymin Resources PROJECT MOOSEHORN File # 9902183
200 - 622 - 5th Ave S.W., Calgary AB T2P 0M6 Submitted by: Scott Casselman

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Hg | Ba | Ti | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S | | |
|--------------|-------|--------|----------|--------|-------|------|------|-----|------|---------|------|---------|------|------|--------|---------|-------|------|------|------|------|-------|------|-------|-------|-------|-------|------|------|------|------|------|-----|------|-----|------|-----|-----|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | | |
| W099-027 | 2.94 | 4.54 | .93 | 2.4 | 58 | 5.7 | .5 | 113 | .56 | 3.0 | .4 | <2 | 3.3 | 2.7 | .03 | .26 | .07 | <2 | .07 | .004 | 1.9 | 33.2 | .02 | 18.7 | <.001 | 2 | .03 | .012 | .03 | 12.6 | <.02 | <5 | .1 | <.02 | .1 | .03 | | |
| W099-028 | 2.83 | 10.87 | 4.00 | 52.4 | 20 | 6.6 | 8.3 | 620 | 2.80 | 17.6 | 2.9 | <2 | 18.4 | 23.5 | .08 | .95 | .06 | 62 | .34 | .046 | 20.1 | 19.3 | .78 | 179.2 | .134 | 2 | 1.34 | .093 | .41 | 6.3 | .17 | <5 | .2 | <.02 | 5.7 | .01 | | |
| W099-037 | 6.12 | 11.33 | .59 | 5.6 | 65 | 11.5 | 1.1 | 158 | .89 | .6 | .4 | <2 | 3.1 | 1.6 | .02 | .15 | .02 | 9 | .13 | .063 | 1.6 | 48.7 | .04 | 48.6 | .017 | <1 | .09 | .087 | .05 | 26.6 | <.02 | <5 | .1 | <.02 | .5 | .01 | | |
| W099-047 | 2.93 | 5.85 | 38.90 | 30.8 | 157 | 5.1 | 5.4 | 469 | 1.75 | 14929 | 3 | 1.9 | 142 | 3 | 11.5 | 68.9 | .58 | 9.02 | .02 | 5 | 1.67 | .050 | 14.6 | 18.9 | .07 | 144.5 | <.001 | 3 | 45 | .013 | .30 | 11.6 | .06 | <5 | .2 | <.02 | .9 | .66 |
| W099-048 | 2.79 | 5.51 | 22.78 | 12.0 | 84 | 5.8 | 2.5 | 802 | 1.10 | 5969.2 | 2 | 2.3 | 31.6 | 8.9 | 123.2 | .34 | 4.72 | .05 | 3 | 2.71 | .037 | 14.4 | 24.3 | .11 | 125.1 | <.001 | 1 | .30 | .016 | .23 | 12.4 | .07 | <5 | .4 | .07 | .8 | .27 | |
| W099-049 | 1.46 | 10.30 | 3.32 | 63.3 | 32 | 4.4 | 10.8 | 657 | 3.52 | 72.5 | 1.2 | <2 | 4.4 | 63.2 | .04 | .61 | .02 | 113 | 1.22 | .113 | 6.5 | 10.1 | 95 | 785.0 | .214 | <1 | 1.81 | .178 | .67 | 3.6 | .21 | <5 | .2 | <.02 | 6.4 | .06 | | |
| W099-050 | 4.10 | 38.09 | 13805.67 | 496.4 | 49878 | 3.8 | 2.8 | 267 | 8.53 | 97535.8 | 6.4 | 99999.0 | 12.3 | 64.8 | 16.72 | 3089.21 | 6.97 | 2 | .90 | .068 | 3.6 | 32.5 | .03 | 69.5 | .002 | 4 | .22 | .012 | .14 | 13.6 | .87 | 226 | .3 | .32 | 5 | 3.89 | | |
| W099-051 | 7.98 | 191.14 | 28570.37 | 9823.2 | 99999 | 5.3 | .8 | 149 | .90 | 3974.2 | 7.2 | 15638.1 | .6 | 26.4 | 318.25 | 3134.72 | 66.67 | <2 | .24 | .062 | 1.7 | 45.8 | .01 | 95.9 | .002 | 2 | .06 | .004 | .04 | 23.9 | .20 | 2804 | 1.2 | <.02 | .2 | 2.11 | | |
| W099-052 | 4.08 | 11.91 | 6767.43 | 28.3 | 8397 | 6.6 | .9 | 242 | 1.68 | 14026.7 | 2 | 1326.0 | .6 | 43.6 | .83 | 3169.26 | .79 | <2 | .47 | .002 | .6 | 42.8 | .07 | 33.5 | .001 | 2 | .04 | .005 | .03 | 20.2 | .05 | 15 | .2 | .03 | .2 | .77 | | |
| RE W099-052 | 4.36 | 13.61 | 7082.92 | 29.3 | 8925 | 5.3 | 1.0 | 249 | 1.77 | 14725.6 | .2 | 1884.4 | .6 | 47.4 | 1.18 | 3335.77 | .95 | <2 | .50 | .002 | .6 | 47.5 | .08 | 37.6 | <.001 | 2 | .04 | .005 | .03 | 22.7 | .04 | 24 | .1 | .02 | .2 | .92 | | |
| W099-340 | 2.96 | 5.14 | 99.05 | 24.2 | 216 | 5.0 | 2.5 | 220 | 1.26 | 82.2 | 4.9 | 55.5 | 38.0 | 6.9 | .27 | 16.73 | .18 | 17 | .10 | .012 | 6.8 | 22.9 | .20 | 62.1 | .075 | <1 | .53 | .063 | .31 | 12.0 | .25 | <5 | .1 | <.02 | 2.2 | <.01 | | |
| W099-341 | 2.03 | 5.83 | 55.55 | 37.1 | 461 | 4.4 | 3.5 | 441 | 1.85 | 47.8 | 2.3 | 28.6 | 12.4 | 18.2 | .09 | 19.70 | .07 | 34 | .25 | .035 | 14.1 | 19.5 | .40 | 260.2 | .137 | 1 | .90 | .095 | .58 | 8.0 | .35 | <5 | .1 | <.02 | 3.6 | <.01 | | |
| W099-342 | 4.66 | 6.88 | 27.20 | 6.4 | 254 | 5.4 | .7 | 167 | .68 | 21.3 | 1.5 | 14.0 | 3.7 | .5 | .09 | 5.78 | .02 | 2 | .01 | .002 | 3.9 | 35.1 | .01 | 19.5 | <.001 | 2 | .07 | .005 | .05 | 17.1 | .02 | 26 | .1 | <.02 | .2 | <.01 | | |
| W099-343 | 2.49 | 7.12 | 13.71 | 28.8 | 67 | 5.2 | 3.1 | 257 | 1.78 | 10.7 | 1.5 | 3.1 | 16.8 | 8.6 | .05 | 3.11 | .02 | 25 | .14 | .025 | 15.3 | 19.8 | .32 | 190.0 | .108 | 1 | .73 | .076 | .46 | 7.9 | .25 | <5 | .2 | <.02 | 3.4 | <.01 | | |
| STANDARD D52 | 13.92 | 128.59 | 33.40 | 162.6 | 266 | 37.2 | 12.3 | 809 | 3.24 | 60.7 | 20.5 | 190.3 | 5.1 | 28.4 | 11.65 | 10.99 | 10.94 | 82 | .56 | .080 | 13.2 | 163.7 | .56 | 140.5 | .113 | <1 | 1.74 | .036 | .16 | 7.6 | 2.04 | 253 | 2.6 | 1.84 | 6.1 | .02 | | |

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: July 27/99 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay recommended for Pb, Zn > 1%
Au > 1000 ppb

* Not suitable for gold if samples contain graphite/sulfide



GEOCHEMICAL ANALYSIS CERTIFICATE



Troymin Resources PROJECT MOOSEHORN File # 9902184 Page 1
200 - 622 - 5th Ave S.W., Calgary AB T2P 0M6 Submitted by: Scott Casselman

| E# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|----------|-------|--------|-------|-------|-----|------|------|------|-------|-------|------|-------|------|-------|-------|------|-------|-----|------|------|------|-------|------|-------|------|-----|------|------|-----|-----|------|-----|-----|------|------|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | % | % | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | % |
| L-063 | 9.79 | 24.78 | 7.15 | 48.4 | 128 | 28.1 | 18.7 | 5661 | 16.12 | 342.6 | 9.5 | 2.6 | 8.5 | 111.1 | 40 | 2.53 | .13 | 109 | 1.59 | .113 | 15.3 | 21.7 | .66 | 858.8 | .123 | 2 | 1.19 | .033 | .13 | .3 | .15 | 22 | 1.4 | .12 | 4.5 | .05 |
| L-218 | 1.20 | 17.43 | 9.12 | 47.3 | 99 | 16.5 | 10.0 | 335 | 3.63 | 11.1 | .4 | < 2 | 1.4 | 24.3 | .18 | .62 | .18 | 94 | .33 | .019 | 5.0 | 25.9 | .67 | 233.6 | .082 | 2 | 2.43 | .026 | .05 | < 2 | .10 | 10 | .4 | .05 | 7.1 | .02 |
| L-219 | 1.47 | 25.97 | 12.70 | 38.9 | 763 | 17.5 | 11.1 | 277 | 3.41 | 13.2 | .5 | 2.2 | 2.9 | 20.0 | .15 | .44 | .66 | 91 | .24 | .022 | 6.4 | 25.5 | .51 | 253.1 | .129 | 1 | 2.34 | .032 | .06 | 1.4 | .09 | 22 | .3 | .15 | 7.2 | <.01 |
| L-220 | .99 | 19.03 | 9.49 | 43.7 | 255 | 14.9 | 9.4 | 467 | 2.83 | 5.5 | .7 | < 2 | 3.0 | 29.6 | .13 | .38 | .26 | 84 | .47 | .017 | 8.6 | 26.7 | .49 | 380.5 | .122 | 1 | 1.81 | .028 | .06 | .2 | .08 | 29 | .4 | .06 | 6.4 | .01 |
| L-221 | .58 | 15.02 | 5.29 | 10.3 | 833 | 4.1 | 1.7 | 55 | .94 | 1.6 | .6 | < 2 | 2.0 | 29.6 | .14 | .22 | .14 | 19 | .58 | .045 | 4.9 | 8.4 | .10 | 137.2 | .033 | 3 | .58 | .029 | .03 | .3 | .04 | 67 | .6 | .02 | 2.0 | .07 |
| L-222 | .56 | 24.06 | 7.25 | 34.8 | 191 | 10.5 | 7.4 | 306 | 2.08 | 6.8 | .6 | 1.0 | 2.1 | 47.1 | .31 | .25 | .27 | 58 | .92 | .040 | 5.6 | 15.6 | .40 | 282.7 | .062 | 1 | 1.39 | .030 | .04 | .6 | .08 | 36 | .5 | .07 | 4.8 | .04 |
| L-223 | .59 | 39.80 | 9.67 | 75.4 | 236 | 17.9 | 17.4 | 585 | 4.00 | 9.9 | 1.9 | 2.6 | 3.1 | 44.2 | .12 | .36 | .75 | 106 | .84 | .067 | 14.2 | 22.4 | 1.09 | 551.9 | .081 | 1 | 2.68 | .038 | .05 | .5 | .09 | 70 | .7 | .10 | 7.9 | .02 |
| L-224 | .58 | 24.64 | 10.80 | 75.4 | 160 | 14.8 | 16.6 | 531 | 4.18 | 15.0 | 1.1 | 6.0 | 2.8 | 33.4 | .14 | .36 | .45 | 118 | .53 | .056 | 11.6 | 20.4 | 1.20 | 409.5 | .060 | 1 | 2.84 | .029 | .06 | 2.5 | .08 | 41 | .5 | .10 | 9.1 | .02 |
| L-225 | .89 | 33.76 | 29.58 | 92.9 | 193 | 20.7 | 15.3 | 505 | 4.68 | 34.0 | 1.8 | 5.0 | 9.5 | 30.8 | .26 | .42 | 1.12 | 98 | .49 | .042 | 20.8 | 26.5 | .83 | 312.1 | .073 | < 1 | 2.50 | .028 | .08 | .9 | .09 | 21 | .4 | .20 | 6.6 | .01 |
| L-226 | .77 | 13.98 | 10.20 | 47.5 | 96 | 11.6 | 6.3 | 289 | 2.43 | 13.1 | .6 | .8 | 6.0 | 21.8 | .09 | .17 | .26 | 51 | .30 | .037 | 21.7 | 16.9 | .32 | 172.9 | .046 | < 1 | 1.78 | .024 | .10 | < 2 | .10 | 19 | .3 | .03 | 6.5 | <.01 |
| L-227 | .88 | 16.69 | 14.37 | 48.2 | 48 | 16.7 | 9.0 | 256 | 3.20 | 25.4 | 1.2 | 1.9 | 11.6 | 21.5 | .09 | .38 | .30 | 65 | .25 | .022 | 29.4 | 25.4 | .49 | 220.7 | .068 | < 1 | 2.12 | .018 | .08 | .4 | .12 | 25 | .5 | .05 | 6.5 | <.01 |
| L-228 | 1.15 | 16.31 | 10.99 | 46.2 | 78 | 20.1 | 10.2 | 236 | 3.16 | 10.1 | .8 | 1.4 | 5.9 | 20.5 | .11 | .42 | .22 | 77 | .22 | .029 | 15.6 | 30.1 | .41 | 209.3 | .080 | < 1 | 2.38 | .023 | .08 | < 2 | .10 | 28 | .3 | .04 | 6.7 | <.01 |
| L-229 | 1.64 | 16.96 | 13.27 | 44.1 | 41 | 19.2 | 8.9 | 214 | 3.96 | 26.3 | .6 | 1.0 | 3.6 | 23.8 | .14 | .54 | .21 | 109 | .22 | .028 | 13.3 | 35.5 | .48 | 228.9 | .115 | < 1 | 2.62 | .017 | .08 | < 2 | .10 | 22 | .3 | .03 | 9.3 | <.01 |
| L-230 | 1.05 | 18.62 | 8.36 | 39.3 | 32 | 18.3 | 8.8 | 185 | 3.33 | 10.4 | .5 | < 2 | 3.9 | 19.1 | .08 | .43 | .16 | 83 | .22 | .024 | 7.2 | 29.6 | .46 | 180.4 | .121 | 1 | 2.23 | .017 | .07 | < 2 | .09 | 27 | .2 | .03 | 7.4 | <.01 |
| L-231 | 1.02 | 24.18 | 25.18 | 62.0 | 34 | 29.7 | 12.1 | 386 | 3.60 | 21.8 | .8 | 2.5 | 11.8 | 24.9 | .12 | .42 | .13 | 80 | .27 | .023 | 20.2 | 33.3 | .65 | 286.8 | .130 | < 1 | 3.02 | .018 | .20 | < 2 | .17 | 21 | .6 | .04 | 7.1 | <.01 |
| L-232 | .47 | 22.24 | 5.04 | 68.4 | 11 | 38.3 | 23.2 | 620 | 5.28 | 20.2 | .8 | < 2 | 4.2 | 26.4 | .03 | .23 | .07 | 175 | .56 | .052 | 14.7 | 88.2 | 2.54 | 261.1 | .312 | < 1 | 3.86 | .020 | .48 | < 2 | .38 | 29 | .5 | <.02 | 12.6 | <.01 |
| L-233 | 1.17 | 20.82 | 11.40 | 46.5 | 63 | 24.4 | 11.5 | 263 | 3.51 | 24.7 | .6 | 1.5 | 5.7 | 23.1 | .12 | .44 | .18 | 90 | .23 | .022 | 10.6 | 33.9 | .55 | 198.8 | .121 | < 1 | 2.67 | .018 | .06 | < 2 | .11 | 19 | .6 | <.02 | 8.1 | <.01 |
| L-234 | 1.17 | 20.79 | 12.91 | 53.6 | 70 | 23.2 | 10.8 | 264 | 3.90 | 11.2 | .6 | 2.2 | 5.3 | 21.2 | .19 | .57 | .32 | 95 | .21 | .024 | 14.4 | 35.8 | .55 | 219.9 | .100 | < 1 | 2.95 | .019 | .06 | .8 | .17 | 24 | .7 | .08 | 8.6 | <.01 |
| L-235 | 1.42 | 17.65 | 10.25 | 50.4 | 64 | 17.5 | 7.6 | 277 | 3.43 | 8.2 | .6 | < 2 | 5.0 | 19.0 | .18 | .78 | .28 | 88 | .19 | .017 | 10.5 | 27.1 | .86 | 152.3 | .127 | < 1 | 2.69 | .021 | .05 | .3 | .17 | 27 | .5 | .06 | 9.4 | <.01 |
| L-236 | 1.26 | 26.79 | 9.73 | 53.6 | 43 | 26.4 | 12.3 | 328 | 3.72 | 11.1 | 1.0 | 2.4 | 4.2 | 27.2 | .11 | .61 | .19 | 100 | .25 | .024 | 10.4 | 43.3 | .60 | 185.5 | .163 | < 1 | 2.78 | .031 | .05 | < 2 | .09 | 36 | .6 | .07 | 7.6 | <.01 |
| L-237 | .76 | 9.55 | 5.63 | 25.2 | 20 | 8.9 | 5.1 | 154 | 2.12 | 5.4 | .3 | .2 | 1.2 | 11.1 | .06 | .32 | .12 | 53 | .12 | .025 | 3.6 | 16.9 | .24 | 85.6 | .093 | < 1 | 1.29 | .029 | .03 | < 2 | .05 | 10 | .1 | .04 | 4.9 | <.01 |
| L-238 | 1.24 | 22.50 | 12.06 | 60.6 | 23 | 31.0 | 13.5 | 331 | 3.92 | 17.3 | .4 | 1.2 | 4.4 | 20.6 | .18 | .57 | .21 | 104 | .18 | .019 | 6.2 | 41.9 | .65 | 209.4 | .145 | < 1 | 3.32 | .021 | .06 | < 2 | .11 | 20 | .5 | .02 | 8.3 | <.01 |
| H99L-238 | 1.27 | 23.04 | 11.20 | 59.9 | 23 | 27.6 | 13.1 | 302 | 4.09 | 16.1 | .4 | < 2 | 3.3 | 19.9 | .15 | .58 | .20 | 102 | .19 | .019 | 6.1 | 38.4 | .62 | 201.1 | .167 | < 1 | 3.14 | .020 | .05 | < 2 | .11 | 16 | <.1 | .05 | 8.1 | <.01 |
| L-239 | 1.01 | 23.46 | 8.74 | 50.6 | 39 | 29.7 | 11.7 | 342 | 3.57 | 14.1 | .7 | 1.2 | 4.4 | 39.8 | .09 | .54 | .17 | 100 | .36 | .012 | 11.2 | 46.3 | .79 | 215.9 | .202 | < 1 | 2.57 | .040 | .05 | < 2 | .08 | 23 | .6 | .03 | 6.8 | <.01 |
| L-240 | .66 | 30.23 | 7.44 | 51.6 | 25 | 28.0 | 12.7 | 385 | 3.29 | 13.8 | .8 | 2.4 | 5.0 | 33.2 | .12 | .51 | .13 | 86 | .35 | .027 | 14.5 | 37.4 | .80 | 204.4 | .168 | < 1 | 2.41 | .032 | .06 | < 2 | .10 | 28 | .8 | .03 | 6.4 | <.01 |
| L-241 | .41 | 13.10 | 7.32 | 36.8 | 9 | 11.0 | 10.8 | 376 | 2.87 | 5.2 | .7 | .7 | 10.6 | 18.9 | .04 | .40 | .07 | 55 | .24 | .015 | 28.7 | 17.4 | .87 | 144.6 | .141 | < 1 | 1.93 | .013 | .22 | < 2 | .23 | 13 | .5 | .02 | 6.5 | <.01 |
| L-242 | 1.25 | 22.75 | 9.77 | 54.0 | 23 | 28.8 | 14.3 | 357 | 4.50 | 11.6 | .6 | .4 | 4.7 | 23.6 | .06 | .52 | .17 | 127 | .25 | .020 | 13.5 | 46.9 | .82 | 205.9 | .220 | 2 | 3.20 | .025 | .10 | < 2 | .15 | 16 | .7 | .03 | 10.2 | <.01 |
| L-244 | .58 | 27.08 | 6.60 | 39.8 | 31 | 22.7 | 9.7 | 248 | 2.63 | 5.2 | .9 | .3 | 7.2 | 27.3 | .04 | .30 | .12 | 70 | .31 | .017 | 14.8 | 32.5 | .88 | 172.1 | .209 | < 1 | 2.23 | .031 | .08 | < 2 | .09 | 18 | .6 | .02 | 6.3 | <.01 |
| L-245 | .38 | 20.02 | 8.53 | 42.6 | 20 | 17.6 | 7.8 | 288 | 2.46 | 4.3 | 1.0 | .9 | 11.2 | 23.9 | .05 | .27 | .13 | 59 | .28 | .022 | 24.6 | 23.2 | .59 | 161.3 | .166 | < 1 | 1.76 | .027 | .13 | < 2 | .16 | 20 | .5 | .02 | 5.4 | <.01 |
| L-246 | .89 | 24.80 | 9.82 | 50.2 | 28 | 26.8 | 11.3 | 259 | 3.52 | 9.3 | .7 | 2.5 | 6.3 | 23.3 | .08 | .46 | .15 | 87 | .24 | .019 | 11.6 | 33.5 | .67 | 173.5 | .163 | 2 | 2.80 | .017 | .07 | < 2 | .11 | 21 | .9 | .03 | 7.8 | <.01 |
| L-247 | .71 | 17.49 | 9.92 | 41.6 | 23 | 20.9 | 8.8 | 252 | 3.03 | 7.2 | .6 | .6 | 5.3 | 22.8 | .04 | .45 | .17 | 83 | .25 | .011 | 12.1 | 35.0 | .58 | 136.2 | .102 | < 1 | 2.05 | .022 | .03 | < 2 | .09 | 13 | .6 | .02 | 5.7 | <.01 |
| L-248 | .59 | 20.61 | 8.14 | 43.4 | 17 | 18.7 | 8.5 | 282 | 2.80 | 5.5 | .9 | .2 | 6.9 | 27.1 | .05 | .32 | .11 | 66 | .30 | .023 | 15.9 | 27.7 | .69 | 149.1 | .137 | < 1 | 1.92 | .020 | .08 | < 2 | .13 | 29 | .7 | .02 | 6.2 | <.01 |
| L-249 | .97 | 31.42 | 9.02 | 54.4 | 87 | 36.6 | 17.4 | 464 | 3.83 | 6.5 | .8 | 7.1 | 3.3 | 45.3 | .07 | .47 | .12 | 97 | .56 | .033 | 11.2 | 68.9 | .98 | 342.8 | .118 | 1 | 2.12 | .035 | .08 | < 2 | .08 | 39 | .4 | .03 | 6.2 | .01 |
| L-250 | .61 | 23.96 | 4.23 | 73.2 | 19 | 17.4 | 16.7 | 445 | 5.17 | 7.9 | .7 | < 2 | 5.8 | 22.8 | .06 | .44 | .10 | 143 | .27 | .026 | 18.9 | 21.9 | 1.56 | 206.7 | .194 | < 1 | 3.42 | .015 | .35 | < 2 | .22 | 19 | .8 | .03 | 11.6 | <.01 |
| DARD DS2 | 13.33 | 125.80 | 31.83 | 162.0 | 262 | 36.9 | 12.0 | 785 | 3.35 | 62.5 | 21.5 | 204.5 | 3.3 | 29.3 | 11.45 | 9.68 | 11.21 | 82 | .56 | .079 | 13.2 | 164.5 | .61 | 137.7 | .118 | 2 | 1.85 | .040 | .16 | 7.3 | 2.11 | 261 | 2.7 | 1.81 | 6.0 | .02 |

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: July 28/99 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppb | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Tl ppm | Hg ppb | Se ppm | Te ppm | Ga ppm | S % |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| MH99L-251 | 1.39 | 20.14 | 9.32 | 57.2 | 45 | 16.1 | 13.8 | 554 | 3.79 | 9.0 | .4 | 4.5 | 3.4 | 21.3 | .06 | .48 | .17 | 123 | .25 | .029 | 10.6 | 25.3 | .81 | 195.4 | .166 | 3 | 2.46 | .017 | .21 | <.2 | .16 | 19 | .7 | .06 | 9.3 | .01 |
| MH99L-252 | .69 | 20.70 | 9.76 | 61.5 | 22 | 17.8 | 10.4 | 460 | 3.45 | 10.6 | .7 | 2.0 | 6.2 | 22.7 | .09 | .52 | .10 | 82 | .31 | .045 | 19.9 | 30.0 | .78 | 167.3 | .134 | 2 | 2.02 | .014 | .31 | <.2 | .22 | 22 | .9 | .04 | 7.5 | .02 |
| MH99L-253 | .19 | 2.80 | 1.28 | 7.1 | 26 | 1.3 | 1.0 | 33 | .51 | <.1 | .2 | 1.2 | <.1 | 8.0 | .02 | .05 | .03 | 12 | .06 | .020 | 1.6 | 3.2 | .05 | 22.5 | .009 | 1 | .26 | .021 | .02 | <.2 | .02 | 22 | .7 | .03 | 1.5 | .03 |
| MH99L-254 | 1.02 | 16.95 | 8.91 | 51.0 | 27 | 13.6 | 9.8 | 245 | 3.67 | 8.4 | .8 | 2.9 | 4.0 | 19.8 | .05 | 1.63 | .19 | 118 | .25 | .036 | 13.0 | 23.0 | .64 | 129.5 | .120 | <1 | 1.87 | .012 | .17 | <.2 | .16 | 30 | .7 | .06 | 8.1 | .02 |
| RE MH99L-254 | 1.12 | 15.90 | 9.48 | 52.4 | 38 | 12.5 | 10.0 | 327 | 3.73 | <.1 | .8 | 10.6 | 1.6 | 19.9 | .07 | 1.87 | .21 | 108 | .25 | .036 | 13.1 | 23.6 | .67 | 140.2 | .152 | 8 | 1.96 | .015 | .18 | <.2 | .20 | 58 | 1.4 | .09 | 8.4 | .05 |
| STANDARD DS2 | 14.66 | 130.46 | 32.83 | 164.7 | 275 | 38.3 | 12.6 | 840 | 3.29 | 67.7 | 22.1 | 211.3 | 3.7 | 29.8 | 11.85 | 9.86 | 11.64 | 82 | .55 | .081 | 13.7 | 169.6 | .64 | 147.3 | .118 | 2 | 1.83 | .037 | .16 | 7.7 | 2.14 | 282 | 1.7 | 1.91 | 6.3 | .03 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Troymin Resources PROJECT MOOSEHORN File # 9902185 Page 1
200 - 622 - 5th Ave S.W., Calgary AB T2P 0M6 Submitted by: Scott Casselman

| MPLE# | No ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppb | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Tl ppm | Hg ppb | Se ppm | Te ppm | Ga ppm | S % |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|--------|--------|------|--------|------|-------|------|------|-----|-------|--------|--------|--------|--------|--------|------|
| 99S-029 | .54 | 8.31 | 5.95 | 44.4 | 39 | 9.9 | 7.0 | 360 | 2.57 | 32.2 | .8 | 22.1 | 9.4 | 17.2 | .14 | .49 | .09 | 68 | .31 | .044 | 16.6 | 15.0 | .48 | 109.8 | .144 | <1 | 1.14 | .014 | .08 | .3 | .10 | 7 | .3 | <.02 | 4.9 | <.01 |
| 99S-030 | .56 | 9.40 | 6.28 | 49.3 | 65 | 10.9 | 9.0 | 522 | 2.96 | 32.6 | 1.1 | 83.8 | 9.5 | 20.4 | .16 | .53 | .08 | 77 | .33 | .049 | 18.3 | 16.3 | .49 | 130.5 | .143 | <1 | 1.21 | .016 | .10 | .3 | .11 | 11 | .3 | <.02 | 5.1 | .01 |
| 99S-031 | .47 | 10.52 | 5.59 | 54.4 | 28 | 15.9 | 9.8 | 536 | 3.51 | 6.5 | 2.3 | 2.8 | 8.9 | 28.6 | .08 | .82 | .07 | 95 | .51 | .072 | 15.0 | 21.0 | .60 | 129.9 | .143 | <1 | 1.25 | .028 | .11 | .2 | .11 | 11 | .3 | <.02 | 4.8 | <.01 |
| 99S-032 | .37 | 9.21 | 5.21 | 59.0 | 23 | 11.6 | 10.0 | 525 | 2.97 | 7.9 | 1.7 | 9 | 7.0 | 32.6 | .08 | 2.02 | .06 | 76 | .59 | .067 | 14.7 | 16.4 | .66 | 150.7 | .154 | <1 | 1.45 | .026 | .09 | <.2 | .09 | 17 | .3 | <.02 | 5.3 | .01 |
| 99S-033 | .50 | 10.90 | 5.96 | 53.8 | 30 | 13.7 | 10.6 | 573 | 3.19 | 10.0 | 2.5 | 3.6 | 7.0 | 34.9 | .09 | 1.46 | .10 | 87 | .57 | .067 | 14.4 | 21.2 | .63 | 147.9 | .148 | <1 | 1.36 | .029 | .09 | .2 | .10 | 18 | .3 | <.02 | 5.0 | <.01 |
| 99S-034 | .32 | 7.01 | 6.33 | 41.2 | 32 | 9.8 | 9.3 | 428 | 3.38 | 23.3 | 1.2 | <.2 | 13.3 | 23.4 | .06 | 2.14 | .13 | 90 | .42 | .073 | 25.9 | 20.1 | .43 | 100.0 | .118 | <1 | .97 | .024 | .09 | .7 | .10 | 12 | .3 | .08 | 4.2 | <.01 |
| 99S-035 | .55 | 11.91 | 4.25 | 59.1 | 23 | 19.6 | 10.4 | 483 | 2.94 | 3.7 | 3.8 | .6 | 16.5 | 24.5 | .08 | .30 | .21 | 82 | .61 | .143 | 14.0 | 38.6 | .75 | 219.6 | .185 | <1 | 1.38 | .023 | .25 | .6 | .24 | 18 | .2 | <.02 | 5.9 | <.01 |
| 99S-036 | .60 | 13.57 | 4.01 | 57.9 | 29 | 18.0 | 10.9 | 471 | 2.91 | 3.9 | 2.4 | 4.4 | 4.0 | 28.6 | .09 | .23 | .15 | 81 | .59 | .099 | 9.2 | 27.3 | .78 | 232.1 | .204 | <1 | 1.55 | .029 | .23 | .4 | .20 | 18 | .3 | .02 | 5.7 | <.01 |
| 99S-038 | .67 | 12.82 | 3.27 | 53.8 | 28 | 13.1 | 10.8 | 411 | 2.85 | 2.4 | 2.3 | 1.5 | 3.6 | 26.2 | .07 | .07 | .15 | 81 | .54 | .119 | 8.2 | 22.8 | .81 | 305.0 | .229 | <1 | 1.57 | .030 | .32 | 1.0 | .22 | 11 | .3 | <.02 | 5.8 | <.01 |
| 99S-039 | .17 | 8.99 | 4.70 | 46.4 | 32 | 13.5 | 8.9 | 421 | 3.10 | 9.7 | 1.5 | 25.6 | 6.7 | 29.9 | .04 | 1.19 | .13 | 87 | .55 | .071 | 16.7 | 22.1 | .54 | 113.4 | .141 | <1 | 1.21 | .030 | .08 | 1.0 | .11 | 18 | .3 | <.02 | 4.4 | <.01 |
| 99S-040 | .50 | 10.20 | 5.13 | 47.7 | 39 | 12.7 | 9.3 | 509 | 2.74 | 9.1 | 1.1 | 6.3 | 5.6 | 30.3 | .10 | .66 | .08 | 77 | .51 | .066 | 13.6 | 21.2 | .55 | 136.9 | .146 | <1 | 1.34 | .028 | .09 | .5 | .10 | 29 | .3 | .02 | 4.5 | <.01 |
| MH99S-040 | .50 | 10.14 | 5.23 | 47.3 | 40 | 14.4 | 9.3 | 512 | 2.68 | 9.6 | 1.0 | 4.7 | 5.5 | 30.1 | .10 | .65 | .08 | 75 | .51 | .065 | 13.6 | 21.6 | .56 | 140.7 | .148 | <1 | 1.37 | .029 | .09 | .4 | .11 | 32 | .3 | .03 | 4.7 | <.01 |
| 99S-041 | .49 | 11.41 | 7.90 | 47.1 | 52 | 14.5 | 9.6 | 626 | 2.46 | 20.8 | .8 | 3.6 | 6.6 | 30.9 | .17 | 1.91 | .15 | 69 | .51 | .059 | 16.2 | 20.5 | .44 | 134.3 | .120 | <1 | 1.19 | .027 | .06 | .3 | .06 | 18 | .3 | .02 | 4.0 | <.01 |
| 99S-042 | .26 | 10.73 | 7.36 | 65.4 | 30 | 11.6 | 11.1 | 360 | 3.03 | 3.3 | .7 | 3.4 | 2.6 | 36.0 | .12 | .19 | .08 | 84 | .75 | .108 | 8.5 | 18.6 | .87 | 165.7 | .164 | <1 | 1.72 | .034 | .15 | .5 | .09 | 16 | .3 | <.02 | 5.8 | <.01 |
| 99S-043 | .75 | 18.40 | 5.16 | 73.5 | 66 | 19.7 | 15.0 | 745 | 3.34 | 3.0 | 1.5 | .4 | 2.5 | 41.4 | .18 | .21 | .16 | 98 | .79 | .088 | 8.7 | 27.9 | .98 | 298.8 | .241 | <1 | 2.04 | .040 | .26 | .4 | .18 | 33 | .5 | <.02 | 6.8 | .02 |
| 99S-044 | .52 | 9.16 | 6.48 | 46.0 | 93 | 11.6 | 8.8 | 463 | 3.76 | 26.7 | 2.2 | 701.6 | 16.3 | 21.8 | .10 | 1.16 | .07 | 95 | .54 | .124 | 28.1 | 18.3 | .55 | 124.1 | .124 | <1 | 1.06 | .021 | .19 | .3 | .15 | 14 | .1 | .02 | 4.7 | <.01 |
| 99S-045 | .75 | 10.79 | 5.01 | 60.0 | 50 | 12.4 | 10.3 | 492 | 2.92 | 12.4 | 1.1 | 57.2 | 4.4 | 28.2 | .11 | .31 | .07 | 79 | .48 | .071 | 13.4 | 19.2 | .75 | 234.5 | .173 | <1 | 1.67 | .023 | .18 | <.2 | .16 | 25 | .3 | <.02 | 6.2 | .01 |
| 99S-046 | .53 | 20.89 | 9.96 | 61.5 | 109 | 21.9 | 13.3 | 552 | 3.42 | 64.3 | 1.4 | 199.2 | 7.0 | 34.4 | .24 | .86 | .09 | 100 | .62 | .087 | 16.3 | 29.7 | .72 | 175.4 | .173 | <1 | 1.65 | .030 | .09 | .3 | .09 | 23 | .2 | .03 | 5.6 | .01 |
| 99S-053 | .78 | 14.00 | 7.99 | 66.4 | 117 | 14.2 | 10.4 | 767 | 2.81 | 32.4 | 9.4 | 6.3 | 5.0 | 42.3 | .26 | .65 | .13 | 68 | .61 | .056 | 14.3 | 19.8 | .68 | 200.7 | .145 | <1 | 1.71 | .018 | .17 | .3 | .19 | 34 | .4 | <.02 | 5.8 | .02 |
| 99S-054 | .75 | 10.04 | 5.54 | 55.4 | 42 | 11.1 | 10.9 | 672 | 2.73 | 9.8 | 1.4 | 4.1 | 4.9 | 21.3 | .11 | .37 | .08 | 71 | .37 | .054 | 12.1 | 18.0 | .64 | 147.3 | .149 | <1 | 1.41 | .019 | .18 | .2 | .17 | 27 | .2 | <.02 | 5.6 | .01 |
| 99S-055 | .25 | 12.92 | 8.24 | 50.2 | 97 | 13.2 | 8.0 | 237 | 2.06 | 13.2 | 1.4 | 12.0 | 5.0 | 31.4 | .14 | .29 | .30 | 59 | .57 | .062 | 11.1 | 18.8 | .66 | 162.6 | .173 | <1 | 1.43 | .024 | .19 | .5 | .19 | 36 | .3 | <.02 | 4.7 | .02 |
| 99S-056 | .34 | 9.46 | 5.11 | 46.5 | 45 | 10.6 | 9.2 | 339 | 2.47 | 52.2 | 2.3 | 1.1 | 4.1 | 33.6 | .08 | .25 | .43 | 62 | .53 | .077 | 10.7 | 17.1 | .65 | 115.3 | .140 | <1 | 1.28 | .025 | .15 | 1.7 | .14 | 21 | .2 | <.02 | 4.4 | .01 |
| 99S-057 | .34 | 11.50 | 5.44 | 50.2 | 60 | 15.1 | 9.4 | 364 | 2.33 | 38.4 | 2.2 | 124.0 | 3.5 | 40.4 | .10 | .28 | .18 | 61 | .60 | .066 | 10.0 | 20.7 | .68 | 121.2 | .150 | 1 | 1.41 | .032 | .12 | .3 | .11 | 22 | .3 | <.02 | 4.5 | .01 |
| 99S-058 | .56 | 31.47 | 5.10 | 76.1 | 83 | 46.4 | 20.7 | 1389 | 3.81 | 3.9 | 1.2 | 3.8 | 3.5 | 51.9 | .17 | .26 | .09 | 106 | .84 | .081 | 10.8 | 46.1 | 1.19 | 430.4 | .237 | <1 | 2.29 | .042 | .37 | <.2 | .22 | 45 | .5 | .04 | 7.8 | .02 |
| 99S-200 | .33 | 13.04 | 3.94 | 51.7 | 28 | 12.8 | 12.3 | 387 | 2.92 | 1.9 | 1.0 | 7.1 | 2.7 | 34.7 | .07 | .16 | .18 | 82 | .78 | .170 | 8.8 | 17.6 | .85 | 217.0 | .192 | <1 | 1.65 | .038 | .29 | 1.0 | .17 | 22 | .3 | .02 | 5.8 | <.01 |
| 99S-201 | .39 | 11.42 | 4.11 | 53.4 | 34 | 13.6 | 10.4 | 488 | 2.75 | 4.6 | 2.5 | 11.8 | 7.4 | 31.5 | .10 | .43 | .11 | 75 | .62 | .095 | 11.2 | 21.2 | .65 | 172.3 | .157 | <1 | 1.38 | .029 | .15 | .8 | .12 | 27 | .3 | <.02 | 4.8 | .01 |
| 99S-202 | .47 | 15.83 | 4.50 | 64.0 | 45 | 18.5 | 13.0 | 423 | 3.07 | 2.3 | .9 | 4.1 | 3.1 | 33.8 | .10 | .20 | .09 | 88 | .72 | .102 | 10.1 | 30.1 | .92 | 186.0 | .202 | <1 | 1.78 | .035 | .23 | .3 | .16 | 28 | .4 | .02 | 6.4 | .01 |
| 99S-203 | .43 | 15.05 | 4.68 | 59.8 | 33 | 15.9 | 12.0 | 547 | 2.92 | 5.2 | 2.0 | 1.6 | 4.9 | 35.0 | .11 | .47 | .12 | 79 | .65 | .089 | 10.9 | 22.9 | .75 | 198.1 | .180 | 1 | 1.57 | .034 | .18 | .4 | .15 | 18 | .3 | .02 | 5.5 | .01 |
| 99S-204 | .73 | 10.95 | 11.76 | 50.6 | 51 | 11.8 | 9.7 | 415 | 2.64 | 45.9 | 1.5 | 2.5 | 7.2 | 22.0 | .14 | .48 | .09 | 74 | .38 | .058 | 16.1 | 17.4 | .62 | 139.7 | .160 | 1 | 1.37 | .021 | .16 | <.2 | .19 | 26 | .4 | .02 | 5.6 | .01 |
| 99S-205 | .66 | 12.83 | 6.06 | 56.3 | 50 | 14.7 | 10.4 | 487 | 2.59 | 17.5 | 1.8 | 3.0 | 3.1 | 32.0 | .15 | .51 | .07 | 71 | .52 | .063 | 10.6 | 19.4 | .70 | 193.9 | .162 | <1 | 1.64 | .027 | .12 | <.2 | .13 | 36 | .3 | .02 | 5.7 | .01 |
| 99S-206 | .42 | 15.38 | 16.87 | 90.0 | 284 | 11.2 | 15.7 | 769 | 3.56 | 22.0 | .8 | 11.9 | 4.9 | 37.1 | .35 | .35 | .32 | 92 | .77 | .056 | 17.2 | 14.8 | .81 | 269.0 | .112 | 1 | 1.59 | .032 | .10 | 1.6 | .09 | 36 | .3 | .08 | 5.9 | .02 |
| 99S-209 | .46 | 8.34 | 7.95 | 53.4 | 75 | 9.9 | 9.4 | 505 | 2.36 | 75.0 | 1.5 | 3.8 | 4.6 | 21.5 | .11 | .49 | .21 | 55 | .37 | .062 | 11.6 | 13.7 | .59 | 145.9 | .136 | <1 | 1.39 | .017 | .20 | .3 | .18 | 26 | .3 | .02 | 4.9 | .01 |
| 99S-212 | .45 | 9.90 | 5.19 | 47.6 | 26 | 12.7 | 8.5 | 395 | 3.07 | 23.8 | 1.7 | 5.7 | 12.1 | 23.7 | .10 | .86 | .06 | 82 | .57 | .116 | 21.1 | 18.8 | .57 | 121.0 | .132 | <1 | 1.12 | .026 | .16 | .3 | .13 | 17 | <.1 | <.02 | 4.5 | <.01 |
| 99S-213 | .33 | 17.92 | 4.92 | 53.4 | 45 | 20.2 | 10.4 | 396 | 2.62 | 14.3 | 1.5 | 5.9 | 2.7 | 46.2 | .13 | .39 | .09 | 78 | .80 | .066 | 8.9 | 26.4 | .67 | 114.0 | .143 | <1 | 1.33 | .044 | .08 | .2 | .06 | 24 | .2 | .02 | 4.2 | .01 |
| ANDARD DS2 | 13.24 | 124.51 | 31.05 | 160.3 | 267 | 38.0 | 12.9 | 775 | 3.30 | 60.0 | 21.4 | 201.1 | 3.8 | 30.6 | 11.73 | 10.00 | 11.12 | 81 | .55 | .078 | 13.0 | 159.7 | .59 | 133.0 | .115 | <1 | 1.74 | .037 | .15 | 7.2 | 2.15 | 246 | 2.4 | 1.87 | 5.9 | .01 |

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: STREAM SED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: *July 27/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Troymin Resources PROJECT MOOSEHORN FILE # 9902185



| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Tl | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|--------------|-------|--------|-------|-------|-----|------|------|------|------|------|------|-------|------|------|-------|------|-------|-----|-----|------|------|-------|-----|-------|------|----|------|------|-----|-----|------|-----|-----|------|-----|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | % | % | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | % |
| MH99S-214 | .49 | 13.50 | 10.32 | 54.2 | 64 | 13.7 | 10.3 | 727 | 3.14 | 90.1 | 2.4 | 4.0 | 9.9 | 30.0 | .20 | .79 | .17 | 89 | .61 | .097 | 15.5 | 18.6 | .66 | 145.1 | .127 | 3 | 1.17 | .025 | .19 | .5 | .16 | 11 | 1.1 | .03 | 4.6 | <.01 |
| MH99S-215 | .52 | 12.14 | 9.49 | 61.2 | 64 | 10.4 | 10.7 | 488 | 2.72 | 69.8 | 5.6 | .7 | 6.1 | 33.4 | .17 | 1.02 | .14 | 71 | .52 | .066 | 12.0 | 18.2 | .75 | 155.5 | .147 | 2 | 1.48 | .020 | .20 | .2 | .18 | 16 | 1.0 | .03 | 5.3 | .01 |
| MH99S-216 | .47 | 10.08 | 10.11 | 53.2 | 83 | 11.1 | 10.5 | 476 | 4.22 | 67.7 | 3.7 | 229.5 | 11.1 | 24.4 | .12 | .96 | .25 | 122 | .56 | .114 | 16.7 | 21.3 | .65 | 121.3 | .128 | 1 | 1.11 | .017 | .20 | .7 | .16 | 8 | .5 | .03 | 5.0 | .01 |
| MH99S-217 | .52 | 9.50 | 5.47 | 45.9 | 42 | 10.8 | 7.7 | 440 | 3.16 | 25.0 | 1.9 | 69.4 | 13.9 | 19.8 | .10 | .85 | .06 | 84 | .53 | .116 | 22.2 | 15.5 | .52 | 116.7 | .117 | 2 | .96 | .019 | .18 | .3 | .13 | 16 | .1 | <.02 | 4.3 | .01 |
| MH99S-386 | .76 | 13.06 | 8.17 | 58.3 | 71 | 14.6 | 12.3 | 971 | 2.67 | 21.1 | 1.7 | 40.9 | 5.0 | 28.0 | .19 | .90 | .10 | 78 | .45 | .058 | 11.6 | 22.7 | .60 | 172.3 | .144 | 2 | 1.50 | .020 | .10 | .4 | .14 | 26 | .7 | .03 | 5.8 | .03 |
| MH99S-387 | .89 | 15.99 | 10.70 | 75.8 | 77 | 12.3 | 18.8 | 1791 | 3.46 | 19.4 | 1.6 | 3.1 | 8.8 | 44.7 | .19 | 1.55 | .15 | 89 | .58 | .066 | 27.2 | 21.2 | .67 | 356.4 | .063 | 1 | 1.78 | .015 | .11 | <.2 | .17 | 40 | <.1 | .03 | 6.7 | .04 |
| MH99S-388 | .71 | 12.80 | 7.74 | 66.8 | 100 | 15.4 | 11.2 | 704 | 3.05 | 23.3 | 1.8 | 675.2 | 6.3 | 30.8 | .15 | 1.10 | .14 | 89 | .52 | .066 | 14.7 | 26.9 | .72 | 200.4 | .167 | <1 | 1.60 | .024 | .13 | .6 | .19 | 24 | <.1 | .09 | 6.2 | .01 |
| MH99S-389 | .43 | 12.48 | 5.96 | 59.6 | 47 | 16.9 | 10.1 | 605 | 3.02 | 10.0 | 1.6 | 79.5 | 6.6 | 39.0 | .15 | 1.82 | .09 | 96 | .70 | .077 | 17.1 | 28.0 | .66 | 147.4 | .163 | 1 | 1.48 | .032 | .08 | .4 | .08 | 29 | <.1 | .04 | 5.2 | .02 |
| MH99S-390 | .56 | 11.00 | 5.88 | 64.5 | 35 | 12.2 | 10.3 | 557 | 3.46 | 24.5 | 1.2 | 17.6 | 7.3 | 30.4 | .10 | 3.13 | .15 | 108 | .58 | .082 | 19.0 | 23.7 | .67 | 159.1 | .151 | 3 | 1.50 | .023 | .13 | .3 | .12 | 25 | <.1 | .02 | 5.8 | <.01 |
| MH99S-391 | .24 | 10.47 | 5.24 | 49.7 | 27 | 14.1 | 8.3 | 402 | 2.71 | 9.0 | 1.4 | 1.8 | 4.9 | 30.4 | .04 | .88 | .13 | 80 | .59 | .069 | 13.6 | 24.9 | .62 | 119.1 | .138 | <1 | 1.30 | .029 | .07 | .9 | .10 | 21 | <.1 | .03 | 4.4 | .01 |
| MH99S-392 | .40 | 11.46 | 4.73 | 64.0 | 31 | 15.3 | 10.1 | 682 | 2.92 | 7.9 | .8 | 4.0 | 5.9 | 34.1 | .13 | 1.06 | .09 | 86 | .67 | .071 | 14.7 | 24.1 | .71 | 114.9 | .146 | 1 | 1.44 | .033 | .07 | .3 | .07 | 32 | <.1 | .05 | 4.9 | <.01 |
| MH99S-393 | .58 | 12.21 | 4.38 | 63.1 | 24 | 20.1 | 10.1 | 528 | 2.85 | 4.7 | 3.2 | 3.6 | 10.6 | 28.6 | .11 | .33 | .20 | 81 | .68 | .141 | 14.6 | 34.2 | .79 | 209.7 | .174 | 1 | 1.47 | .027 | .21 | .4 | .21 | 21 | .1 | .02 | 5.7 | <.01 |
| RE MH99S-393 | .57 | 12.22 | 4.42 | 60.3 | 24 | 17.0 | 10.6 | 511 | 2.76 | 4.9 | 3.2 | 2.2 | 10.4 | 27.5 | .11 | .34 | .21 | 77 | .63 | .130 | 13.8 | 33.7 | .79 | 212.0 | .173 | 1 | 1.45 | .024 | .21 | .4 | .21 | 15 | <.1 | .03 | 5.7 | .01 |
| MH99S-394 | .59 | 9.28 | 5.92 | 56.0 | 35 | 10.9 | 9.1 | 606 | 2.81 | 4.7 | 2.1 | 5.9 | 9.3 | 32.9 | .11 | .38 | .13 | 81 | .58 | .067 | 17.7 | 21.0 | .49 | 143.4 | .115 | 1 | 1.19 | .021 | .07 | .2 | .07 | 28 | <.1 | .03 | 4.6 | .01 |
| MH99S-395 | .41 | 12.51 | 3.29 | 55.0 | 31 | 13.1 | 10.3 | 414 | 2.82 | 1.8 | .9 | 2.1 | 1.8 | 26.0 | .08 | .11 | .17 | 82 | .62 | .125 | 6.9 | 20.2 | .90 | 244.2 | .233 | <1 | 1.62 | .030 | .31 | 1.1 | .26 | 12 | <.1 | .02 | 5.6 | .01 |
| MH99S-396 | .53 | 14.93 | 4.78 | 59.6 | 38 | 19.3 | 10.7 | 560 | 2.71 | 4.1 | 2.7 | 3.0 | 5.9 | 33.4 | .14 | .29 | .15 | 82 | .66 | .097 | 9.7 | 28.3 | .74 | 203.9 | .178 | 3 | 1.50 | .032 | .18 | .8 | .16 | 18 | .4 | .03 | 5.7 | .03 |
| MH99S-397 | .50 | 13.32 | 6.36 | 58.8 | 52 | 16.4 | 11.0 | 784 | 2.58 | 11.3 | 1.0 | 45.7 | 8.5 | 42.3 | .21 | .59 | .09 | 77 | .68 | .058 | 18.6 | 24.7 | .60 | 167.0 | .134 | 1 | 1.42 | .030 | .07 | .2 | .06 | 29 | 1.0 | .02 | 4.9 | .03 |
| MH99S-398 | .42 | 21.23 | 5.44 | 56.6 | 44 | 23.8 | 10.7 | 435 | 2.78 | 5.9 | .6 | 9.4 | 3.7 | 46.0 | .14 | .46 | .10 | 93 | .93 | .070 | 9.1 | 31.1 | .75 | 136.7 | .159 | 3 | 1.42 | .050 | .07 | .3 | .04 | 38 | 1.1 | .04 | 4.7 | .03 |
| MH99S-399 | .41 | 17.18 | 7.30 | 57.4 | 48 | 18.8 | 10.3 | 442 | 2.60 | 5.2 | 1.0 | 3.2 | 4.9 | 39.6 | .14 | .64 | .11 | 83 | .82 | .068 | 11.9 | 29.2 | .65 | 135.4 | .168 | 3 | 1.51 | .042 | .07 | .3 | .05 | 29 | 1.1 | .03 | 5.0 | .04 |
| STANDARD DS2 | 14.66 | 130.46 | 32.83 | 164.7 | 275 | 38.3 | 12.6 | 840 | 3.29 | 67.7 | 22.1 | 211.3 | 3.7 | 29.8 | 11.85 | 9.86 | 11.64 | 82 | .55 | .081 | 13.7 | 169.6 | .64 | 147.3 | .118 | 2 | 1.83 | .037 | .16 | 7.7 | 2.14 | 282 | 1.7 | 1.91 | 6.3 | .03 |

Sample type: STREAM SED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ACME ANALYTICAL LABORATORIES LTD.
(ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716



GEOCHEMICAL ANALYSIS CERTIFICATE



Troymin Resources PROJECT MOOSEHORN File # 9902555
200 - 622 - 5th Ave S.W., Calgary AB T2P 0M6 Submitted by: Scott Casselman

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|--------------|-------|--------|-------|-------|-----|------|------|------|------|-------|------|-------|-----|-------|-------|-------|-------|-----|------|------|------|-------|------|-------|------|-----|------|------|-----|-----|------|-----|-----|------|-----|------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppb | ppm | ppm | ppm | % | |
| MH99S-059 | .35 | 14.00 | 3.40 | 61.0 | 19 | 12.5 | 13.5 | 514 | 3.26 | 3.1 | .8 | 2.9 | 3.2 | 29.2 | .07 | .17 | .10 | 101 | .77 | .156 | 9.0 | 23.6 | .92 | 253.4 | .184 | 1 | 1.77 | .038 | .31 | 2 | .13 | 16 | <.1 | .02 | 6.4 | .01 |
| MH99S-060 | .22 | 14.15 | 5.46 | 59.4 | 40 | 15.2 | 9.3 | 274 | 2.35 | 4.5 | .5 | 4.8 | 2.4 | 39.6 | .10 | .33 | .14 | 71 | .78 | .076 | 8.1 | 29.6 | .70 | 146.3 | .149 | 2 | 1.50 | .043 | .06 | .7 | .04 | 27 | <.1 | .02 | 4.8 | .02 |
| MH99S-061 | .36 | 14.76 | 5.71 | 62.7 | 53 | 17.6 | 12.8 | 458 | 3.23 | 28.5 | 1.3 | 13.8 | 4.6 | 41.0 | .11 | .39 | .13 | 88 | .76 | .091 | 10.8 | 31.3 | 1.04 | 163.9 | .199 | 1 | 1.76 | .035 | .23 | 5 | .16 | 12 | <.1 | <.02 | 6.0 | .02 |
| MH99S-062 | .60 | 15.24 | 16.75 | 74.7 | 155 | 10.1 | 12.6 | 524 | 3.15 | 187.0 | 10.6 | 18.3 | 9.5 | 34.1 | .24 | 2.86 | .16 | 90 | .53 | .095 | 15.6 | 22.4 | .89 | 181.1 | .176 | 1 | 1.70 | .019 | .33 | 3 | .24 | 22 | <.1 | .02 | 6.0 | <.01 |
| MH99S-207 | .28 | 16.90 | 5.47 | 51.2 | 38 | 19.0 | 10.6 | 2084 | 2.49 | 35.8 | 3.6 | 4.1 | 5.3 | 130.1 | .11 | .35 | .23 | 71 | 1.51 | .084 | 14.0 | 32.6 | .64 | 142.6 | .138 | 2 | 1.33 | .048 | .11 | 3 | .07 | 30 | <.1 | .04 | 4.4 | .07 |
| MH99S-208 | .48 | 10.41 | 6.90 | 55.7 | 60 | 11.4 | 10.3 | 525 | 2.28 | 54.2 | 1.6 | 4.3 | 5.2 | 29.2 | .13 | .41 | .18 | 59 | .46 | .063 | 12.0 | 22.9 | .60 | 137.2 | .124 | 1 | 1.29 | .021 | .16 | .4 | .14 | 24 | <.1 | <.02 | 4.4 | .02 |
| MH99S-210 | .25 | 15.40 | 5.02 | 53.2 | 35 | 16.4 | 9.5 | 307 | 2.30 | 11.1 | .7 | 3.9 | 3.2 | 41.2 | .08 | .32 | .32 | 67 | .72 | .067 | 10.3 | 26.9 | .63 | 120.3 | .141 | 2 | 1.38 | .039 | .07 | .4 | .07 | 24 | .1 | <.02 | 4.4 | <.01 |
| MH99S-211 | .40 | 20.08 | 4.07 | 59.0 | 36 | 22.5 | 11.5 | 382 | 2.73 | 3.6 | .8 | 3.5 | 2.6 | 42.0 | .06 | .30 | .10 | 82 | .83 | .091 | 8.8 | 32.0 | .81 | 215.1 | .174 | 2 | 1.57 | .045 | .19 | 3 | .10 | 33 | <.1 | .02 | 5.0 | .02 |
| RE MH99S-211 | .40 | 20.26 | 4.73 | 58.5 | 41 | 22.4 | 11.8 | 383 | 2.71 | 3.7 | .9 | 4.7 | 2.9 | 46.5 | .08 | .33 | .10 | 83 | .84 | .090 | 9.1 | 34.1 | .84 | 225.8 | .187 | 2 | 1.66 | .048 | .19 | 2 | .10 | 39 | <.1 | .03 | 5.3 | .03 |
| STANDARD DS2 | 14.73 | 130.95 | 31.95 | 168.4 | 252 | 37.6 | 13.3 | 827 | 3.22 | 62.7 | 20.9 | 194.5 | 3.5 | 31.3 | 11.54 | 10.01 | 11.04 | 82 | .56 | .084 | 14.2 | 176.9 | .62 | 146.5 | .117 | 2 | 1.80 | .037 | .16 | 7.5 | 1.93 | 252 | 2.2 | 1.92 | 6.2 | .03 |

30 GRAM SAMPLE IS DIGESTED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML WITH WATER, ANALYSIS BY ICP/ES & MS.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL.
- SAMPLE TYPE: STREAM SED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 28 1999

DATE REPORT MAILED:

Aug 10/99

SIGNED BY:

C. Leong

TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data *h*-FA



GEOCHEMICAL ANALYSIS CERTIFICATE



Troymin Resources PROJECT MOOSEHORN File # 9902556 Page 1
200 - 622 - 5th Ave S.W., Calgary AB T2P 0M6 Submitted by: Scott Casselman

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Hg | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Tl | Hg | Se | Te | Ga | S |
|--------------|------|-------|-------|------|-----|------|------|-----|------|-------|-----|------|------|------|-----|------|-----|-----|------|------|------|------|------|-------|------|-----|------|------|-----|-----|-----|-----|-----|-----|------|-------|
| | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | % | |
| MH99L-190 | .62 | 23.41 | 12.39 | 51.2 | 125 | 18.0 | 11.9 | 338 | 2.79 | 58.9 | 2.0 | 5.7 | 4.0 | 32.0 | .13 | .60 | .18 | 71 | 45 | .050 | 10.0 | 28.4 | .59 | 148.8 | .142 | 1 | 2.01 | .025 | .06 | 2 | .14 | 35 | .6 | .04 | 6.2 | .03 |
| MH99L-191 | .57 | 21.80 | 20.74 | 60.0 | 70 | 20.4 | 13.6 | 382 | 2.95 | 86.4 | 1.4 | 3.8 | 5.7 | 31.3 | .23 | .51 | .26 | 75 | 48 | .067 | 10.2 | 31.3 | .78 | 158.7 | .172 | 1 | 2.22 | .022 | .11 | 2 | .22 | 27 | .4 | .04 | 4.5 | .01 |
| MH99L-192 | .49 | 17.53 | 13.44 | 41.3 | 102 | 15.0 | 8.4 | 217 | 2.20 | 89.0 | 1.7 | 2.5 | 2.8 | 24.6 | .15 | .42 | .21 | 52 | .33 | .049 | 7.9 | 23.9 | .49 | 128.5 | .121 | 1 | 1.65 | .021 | .07 | < 2 | .14 | 36 | .4 | .03 | 5.5 | .03 |
| MH99L-193 | .67 | 34.13 | 16.45 | 55.7 | 172 | 15.4 | 12.0 | 366 | 2.83 | 163.1 | 2.7 | 5.2 | 5.1 | 38.0 | .41 | 1.12 | .35 | 68 | 52 | .062 | 12.9 | 28.4 | .61 | 161.0 | .144 | 1 | 1.95 | .024 | .11 | < 2 | .21 | 49 | .6 | .06 | 6.0 | .02 |
| MH99L-194 | .69 | 30.32 | 30.79 | 67.6 | 237 | 21.6 | 13.3 | 428 | 3.33 | 225.4 | 2.3 | 6.5 | 6.2 | 42.0 | .29 | 2.53 | .54 | 83 | 65 | .074 | 16.3 | 35.0 | .82 | 191.9 | .189 | 1 | 2.27 | .037 | .17 | 2 | .30 | 27 | .4 | .08 | 7.2 | < .01 |
| MH99L-195 | .62 | 24.28 | 24.61 | 56.2 | 194 | 18.9 | 9.4 | 287 | 2.77 | 153.6 | 1.6 | 10.1 | 4.3 | 37.4 | .33 | 1.22 | .54 | 66 | 51 | .058 | 8.8 | 30.2 | .72 | 157.3 | .166 | < 1 | 2.11 | .030 | .09 | 2 | .15 | 39 | .6 | .06 | 5.9 | < .01 |
| MH99L-196 | 1.07 | 20.21 | 29.71 | 57.5 | 136 | 16.9 | 15.1 | 521 | 3.27 | 349.1 | 1.0 | 9.3 | 6.3 | 24.7 | .26 | 1.84 | .45 | 86 | 34 | .042 | 6.6 | 32.0 | .79 | 116.2 | .185 | 1 | 2.40 | .025 | .10 | 2 | .19 | 16 | .3 | .05 | 8.3 | < .01 |
| MH99L-197 | 1.06 | 20.02 | 22.24 | 64.2 | 166 | 15.8 | 17.7 | 657 | 3.90 | 666.8 | 1.3 | 12.4 | 9.2 | 25.7 | .26 | 3.24 | .33 | 94 | .38 | .058 | 12.3 | 26.9 | .79 | 195.4 | .147 | < 1 | 2.57 | .029 | .15 | 2 | .28 | 19 | .4 | .06 | 8.2 | < .01 |
| MH99L-198 | .72 | 21.14 | 19.14 | 62.2 | 72 | 17.3 | 15.3 | 533 | 3.73 | 115.0 | 1.2 | 3.0 | 8.7 | 31.7 | .17 | 1.09 | .29 | 94 | 51 | .057 | 11.5 | 35.8 | .96 | 193.7 | .178 | < 1 | 2.55 | .037 | .15 | 2 | .23 | 18 | .4 | .04 | 8.0 | < .01 |
| MH99L-199 | .68 | 27.16 | 24.69 | 65.7 | 132 | 27.9 | 18.6 | 561 | 4.85 | 405.5 | .9 | 7.5 | 8.8 | 22.2 | .19 | 1.24 | .40 | 116 | .41 | .054 | 10.8 | 45.2 | 1.06 | 225.5 | .213 | < 1 | 3.89 | .028 | .23 | 2 | .29 | 22 | .4 | .10 | 10.1 | < .01 |
| MH99L-301 | .88 | 28.42 | 19.35 | 70.2 | 83 | 21.5 | 19.3 | 719 | 4.39 | 293.3 | 1.3 | 10.6 | 11.1 | 38.0 | .15 | 1.86 | .24 | 102 | .61 | .078 | 20.2 | 35.1 | 1.10 | 221.1 | .162 | < 1 | 2.86 | .045 | .17 | 2 | .37 | 20 | < 1 | .05 | 6.5 | < .01 |
| MH99L-302 | .84 | 21.99 | 13.86 | 59.2 | 57 | 21.2 | 17.1 | 507 | 3.80 | 65.6 | .8 | 6.5 | 7.9 | 31.4 | .16 | .86 | .17 | 95 | .48 | .055 | 10.3 | 38.7 | .92 | 179.5 | .195 | 1 | 2.92 | .038 | .13 | < 2 | .19 | 22 | .5 | .04 | 8.2 | < .01 |
| MH99L-303 | 1.06 | 15.47 | 20.99 | 56.9 | 195 | 18.8 | 10.8 | 434 | 3.77 | 179.8 | .9 | 6.0 | 6.7 | 39.2 | .15 | 1.68 | .30 | 87 | .57 | .052 | 12.8 | 35.7 | .80 | 192.7 | .122 | < 1 | 2.54 | .035 | .12 | < 2 | .16 | 19 | .4 | .05 | 7.4 | < .01 |
| MH99L-304 | .86 | 17.88 | 11.92 | 54.1 | 266 | 18.7 | 11.1 | 369 | 3.53 | 55.3 | .5 | 10.5 | 3.2 | 30.2 | .14 | .61 | .27 | 93 | .35 | .035 | 5.9 | 37.8 | .84 | 182.6 | .168 | < 1 | 2.79 | .023 | .20 | 2 | .14 | 14 | .4 | .04 | 7.4 | < .01 |
| MH99L-305 | .43 | 18.52 | 8.45 | 69.4 | 41 | 9.6 | 17.9 | 694 | 4.19 | 54.1 | 1.3 | 4.2 | 5.2 | 32.4 | .09 | .43 | .22 | 102 | .49 | .077 | 13.5 | 24.8 | 1.23 | 295.2 | .191 | < 1 | 2.79 | .038 | .53 | < 2 | .39 | 16 | .5 | .04 | 7.8 | < .01 |
| MH99L-306 | .64 | 26.30 | 9.69 | 87.9 | 62 | 10.8 | 24.2 | 894 | 5.13 | 66.1 | .9 | 1.3 | 5.2 | 24.9 | .10 | .49 | .14 | 129 | .45 | .095 | 9.0 | 25.8 | 1.87 | 293.2 | .365 | < 1 | 3.91 | .019 | .90 | 2 | .69 | 7 | .4 | .05 | 10.5 | < .01 |
| MH99L-307 | .97 | 20.68 | 16.08 | 81.1 | 418 | 17.5 | 19.7 | 807 | 4.64 | 135.1 | .6 | 13.8 | 3.2 | 22.5 | .14 | .67 | .20 | 119 | .37 | .065 | 6.5 | 29.7 | 1.28 | 241.7 | .281 | 1 | 3.62 | .029 | .42 | 2 | .41 | 22 | .3 | .06 | 9.9 | < .01 |
| MH99L-308 | 1.30 | 23.38 | 17.80 | 66.6 | 108 | 24.7 | 19.9 | 514 | 4.53 | 59.9 | 1.0 | 6.3 | 5.9 | 26.2 | .11 | 1.01 | .23 | 117 | .28 | .032 | 9.1 | 46.8 | 1.10 | 279.1 | .239 | 1 | 4.39 | .039 | .12 | < 2 | .20 | 43 | .5 | .06 | 11.2 | < .01 |
| MH99L-309 | .88 | 24.01 | 15.12 | 63.5 | 216 | 20.6 | 16.5 | 432 | 4.17 | 83.2 | .8 | 8.8 | 4.9 | 26.4 | .16 | .78 | .40 | 109 | .36 | .042 | 9.5 | 36.2 | .96 | 221.8 | .197 | < 1 | 3.44 | .030 | .11 | 2 | .16 | 39 | .5 | .05 | 10.4 | < .01 |
| MH99L-310 | 1.20 | 28.72 | 27.71 | 84.3 | 626 | 21.2 | 14.1 | 611 | 4.01 | 257.2 | 1.2 | 83.9 | 3.7 | 37.5 | .42 | 1.08 | .33 | 100 | .47 | .041 | 12.6 | 40.6 | .76 | 270.2 | .172 | < 1 | 3.30 | .029 | .09 | 2 | .12 | 50 | .6 | .06 | 10.6 | < .01 |
| RE MH99L-321 | .37 | 35.68 | 6.53 | 56.7 | 76 | 32.2 | 13.7 | 475 | 3.04 | 10.0 | .5 | 5.3 | 2.7 | 49.4 | .12 | .61 | .12 | 83 | 1.09 | .065 | 9.8 | 35.8 | .82 | 207.2 | .160 | 2 | 1.96 | .063 | .07 | 2 | .06 | 23 | .6 | .05 | 5.6 | < .01 |
| MH99L-311 | .61 | 30.28 | 17.27 | 67.7 | 631 | 18.2 | 14.6 | 508 | 3.53 | 158.8 | 2.0 | 62.3 | 3.7 | 44.2 | .18 | .87 | .21 | 83 | .74 | .070 | 16.3 | 28.9 | .80 | 422.1 | .157 | 1 | 2.45 | .036 | .22 | 4 | .17 | 47 | .5 | .04 | 7.2 | .01 |
| MH99L-312 | .34 | 27.89 | 10.24 | 67.0 | 190 | 16.8 | 13.3 | 567 | 3.54 | 82.0 | 2.5 | 27.4 | 4.7 | 35.5 | .11 | .72 | .19 | 86 | .70 | .073 | 13.0 | 30.6 | .93 | 380.2 | .196 | 1 | 2.41 | .040 | .28 | 2 | .23 | 34 | .3 | .05 | 7.3 | < .01 |
| MH99L-313 | .49 | 25.55 | 9.95 | 60.4 | 121 | 23.0 | 13.7 | 527 | 3.77 | 43.8 | 1.5 | 9.7 | 3.1 | 40.5 | .13 | .57 | .21 | 85 | .71 | .068 | 10.8 | 33.5 | .79 | 307.6 | .163 | 2 | 2.23 | .037 | .13 | 2 | .13 | 40 | .9 | .04 | 7.0 | < .01 |
| MH99L-314 | .57 | 21.53 | 7.45 | 58.7 | 94 | 19.4 | 14.4 | 497 | 3.13 | 29.3 | 1.1 | 16.0 | 2.6 | 40.7 | .13 | .43 | .16 | 79 | .67 | .069 | 10.4 | 30.4 | .79 | 270.6 | .155 | 1 | 2.09 | .035 | .09 | 2 | .11 | 32 | .7 | .04 | 6.3 | < .01 |
| MH99L-315 | .75 | 23.03 | 10.05 | 57.4 | 99 | 19.3 | 13.9 | 446 | 2.97 | 24.7 | 1.4 | 5.4 | 2.9 | 49.1 | .22 | .49 | .19 | 77 | .71 | .067 | 11.0 | 30.9 | .80 | 265.5 | .179 | 1 | 2.21 | .038 | .13 | 2 | .13 | 40 | .7 | .04 | 5.4 | < .01 |
| MH99L-316 | .73 | 19.24 | 9.89 | 55.6 | 97 | 17.0 | 12.7 | 444 | 2.90 | 30.7 | 1.1 | 12.7 | 2.6 | 42.4 | .22 | .42 | .17 | 76 | .62 | .066 | 9.5 | 29.7 | .77 | 233.5 | .178 | 2 | 2.16 | .034 | .13 | 2 | .12 | 35 | .8 | .05 | 6.3 | < .01 |
| MH99L-317 | .53 | 18.84 | 6.92 | 53.6 | 64 | 17.0 | 8.7 | 361 | 2.95 | 12.6 | 1.8 | 5.8 | 3.0 | 37.1 | .09 | .37 | .13 | 73 | .57 | .054 | 10.3 | 28.7 | .72 | 241.0 | .165 | 1 | 2.16 | .028 | .11 | 2 | .12 | 31 | .6 | .04 | 6.4 | < .01 |
| MH99L-318 | .65 | 29.12 | 7.76 | 55.3 | 79 | 22.9 | 13.3 | 444 | 3.01 | 9.0 | 1.2 | 3.1 | 2.6 | 46.7 | .14 | .52 | .14 | 75 | .76 | .061 | 9.7 | 36.3 | .79 | 235.6 | .162 | 1 | 2.22 | .048 | .08 | 2 | .09 | 32 | .7 | .04 | 6.7 | < .01 |
| MH99L-319 | .56 | 21.67 | 5.85 | 53.0 | 49 | 16.5 | 13.6 | 495 | 2.98 | 26.2 | 1.3 | 7.1 | 2.5 | 44.2 | .14 | .43 | .09 | 82 | .83 | .077 | 9.9 | 28.1 | .70 | 166.9 | .156 | 2 | 1.71 | .041 | .07 | 2 | .08 | 24 | .6 | .03 | 5.5 | < .01 |
| MH99L-320 | .46 | 37.37 | 6.18 | 61.1 | 65 | 27.9 | 12.9 | 476 | 3.29 | 11.3 | .4 | 4.8 | 2.7 | 62.9 | .11 | .36 | .11 | 88 | 1.43 | .075 | 8.8 | 38.1 | .87 | 188.7 | .158 | 2 | 2.05 | .073 | .07 | 2 | .06 | 25 | .6 | .04 | 5.8 | < .01 |
| MH99L-321 | .51 | 37.27 | 5.98 | 58.2 | 58 | 28.2 | 15.9 | 486 | 3.12 | 7.9 | .4 | 1.6 | 2.6 | 56.9 | .14 | .58 | .11 | 85 | 1.15 | .067 | 10.0 | 33.6 | .78 | 184.4 | .157 | 2 | 1.92 | .064 | .07 | 2 | .05 | 25 | .8 | .04 | 5.7 | < .01 |
| MH99L-322 | .78 | 32.55 | 5.65 | 48.0 | 48 | 20.5 | 14.5 | 429 | 2.76 | 7.2 | .8 | 5.2 | 1.3 | 44.3 | .12 | .44 | .10 | 67 | .72 | .066 | 10.7 | 27.1 | .51 | 187.8 | .100 | 1 | 1.82 | .039 | .06 | < 2 | .05 | 34 | | | | |



Troymin Resources PROJECT MOOSEHORN FILE # 9902556



| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppb | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Tl ppm | Hg ppb | Se ppm | Te ppm | Ga ppm | S % |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| MH99L-324 | .50 | 29.13 | 6.72 | 51.2 | 70 | 25.1 | 12.1 | 394 | 2.88 | 16.3 | .7 | 2.9 | 2.5 | 43.2 | .12 | .49 | .14 | .72 | .75 | .058 | 7.2 | 29.3 | .62 | 169.8 | .132 | 2 | 1.70 | .050 | .07 | .2 | .06 | 33 | .6 | .06 | 5.5 | .01 |
| MH99L-325 | .53 | 37.14 | 6.24 | 57.5 | 66 | 27.2 | 14.1 | 493 | 2.95 | 9.7 | .3 | 2.3 | 2.4 | 58.6 | .18 | .59 | .12 | .72 | 1.86 | .073 | 8.2 | 31.3 | .81 | 149.5 | .134 | 2 | 1.61 | .056 | .10 | .2 | .06 | 26 | .4 | .05 | 5.1 | .01 |
| MH99L-326 | .53 | 22.65 | 5.71 | 50.6 | 42 | 22.1 | 11.8 | 375 | 2.79 | 5.5 | .3 | 3.2 | 1.9 | 35.2 | .13 | .46 | .10 | .74 | .76 | .074 | 6.2 | 28.9 | .65 | 116.2 | .137 | 1 | 1.51 | .039 | .09 | .2 | .04 | 23 | .3 | .04 | 4.9 | .01 |
| MH99L-327 | .46 | 30.34 | 5.31 | 53.8 | 51 | 25.9 | 12.7 | 454 | 2.82 | 8.0 | .3 | 1.5 | 2.6 | 58.2 | .15 | .49 | .10 | .72 | 1.53 | .077 | 8.1 | 29.9 | .78 | 128.9 | .135 | 2 | 1.53 | .058 | .11 | <.2 | .06 | 19 | .3 | .05 | 4.5 | .01 |
| MH99L-328 | 1.04 | 16.43 | 10.69 | 61.5 | 33 | 13.3 | 10.2 | 401 | 3.57 | 7.5 | 1.1 | 1.1 | 11.5 | 19.8 | .06 | .48 | .14 | .62 | .27 | .021 | 22.0 | 23.3 | .52 | 215.9 | .085 | <1 | 2.00 | .014 | .23 | <.2 | .25 | 12 | .1 | .04 | 7.8 | .01 |
| MH99L-329 | .92 | 13.87 | 7.76 | 39.1 | 127 | 13.5 | 7.3 | 312 | 2.97 | 6.5 | .7 | 3.7 | 5.2 | 18.1 | .06 | .38 | .13 | .60 | .22 | .018 | 11.9 | 21.6 | .37 | 171.1 | .042 | <1 | 1.73 | .016 | .11 | <.2 | .13 | 12 | .3 | .03 | 5.8 | <.01 |
| MH99L-330 | .68 | 8.83 | 5.03 | 17.4 | 51 | 6.0 | 4.3 | 180 | 1.36 | 3.1 | .2 | 1.3 | 1.3 | 10.2 | .03 | .23 | .10 | .35 | .11 | .011 | 3.3 | 9.9 | .14 | 68.2 | .071 | <1 | .80 | .033 | .05 | <.2 | .05 | 7 | .2 | .02 | 4.4 | <.01 |
| MH99L-331 | .74 | 20.81 | 7.68 | 41.4 | 65 | 19.5 | 9.6 | 300 | 2.87 | 6.4 | .7 | 1.0 | 4.3 | 20.7 | .13 | .38 | .13 | .66 | .29 | .023 | 9.1 | 26.6 | .50 | 197.7 | .101 | <1 | 1.88 | .023 | .07 | <.2 | .09 | 13 | .3 | .03 | 5.9 | <.01 |
| MH99L-332 | 1.55 | 22.12 | 12.73 | 41.2 | 56 | 14.2 | 8.2 | 549 | 3.27 | 15.6 | .9 | 2.3 | 4.1 | 22.3 | .10 | .38 | .21 | .70 | .27 | .048 | 8.6 | 23.1 | .33 | 202.3 | .060 | <1 | 1.78 | .017 | .09 | <.2 | .10 | 22 | .3 | .05 | 6.1 | <.01 |
| MH99L-333 | 2.17 | 33.18 | 9.60 | 39.1 | 20 | 12.5 | 7.3 | 229 | 2.96 | 9.9 | 1.8 | 1.0 | 14.9 | 15.2 | .05 | .47 | .14 | .47 | .18 | .018 | 23.3 | 18.1 | .30 | 146.2 | .034 | <1 | 1.55 | .011 | .11 | <.2 | .07 | 9 | .3 | .03 | 4.8 | <.01 |
| MH99L-334 | 1.37 | 15.00 | 8.26 | 35.9 | 55 | 22.1 | 9.0 | 283 | 2.49 | 8.1 | .6 | 1.1 | 2.0 | 21.4 | .11 | .46 | .20 | .68 | .25 | .019 | 5.9 | 48.9 | .44 | 140.6 | .082 | <1 | 1.40 | .021 | .08 | <.2 | .08 | 11 | .2 | .03 | 5.8 | .01 |
| MH99L-335 | 1.39 | 20.89 | 10.04 | 56.1 | 89 | 18.0 | 14.8 | 1493 | 3.23 | 8.4 | .6 | 1.4 | 3.4 | 21.5 | .21 | .49 | .19 | .78 | .24 | .036 | 7.5 | 31.0 | .39 | 194.1 | .120 | <1 | 2.16 | .025 | .10 | <.2 | .11 | 28 | .4 | .04 | 8.4 | <.01 |
| MH99L-336 | .78 | 17.72 | 7.02 | 55.1 | 28 | 17.5 | 9.6 | 397 | 3.33 | 8.9 | 1.0 | 2.0 | 7.4 | 21.9 | .07 | .35 | .10 | .69 | .34 | .046 | 17.5 | 27.3 | .54 | 197.7 | .124 | <1 | 1.91 | .021 | .23 | <.2 | .18 | 16 | .2 | .03 | 7.1 | <.01 |
| MH99L-344 | 1.07 | 22.97 | 10.09 | 53.0 | 42 | 24.8 | 12.5 | 283 | 4.28 | 22.8 | .8 | 4.9 | 11.4 | 29.8 | .11 | .87 | .29 | .97 | .31 | .039 | 15.3 | 40.6 | .74 | 253.0 | .163 | 1 | 3.77 | .030 | .12 | <.2 | .13 | 43 | .6 | .07 | 8.9 | <.01 |
| MH99L-345 | 1.58 | 26.43 | 9.58 | 49.1 | 84 | 22.8 | 11.1 | 291 | 3.92 | 24.4 | .7 | 3.4 | 4.9 | 17.0 | .15 | .71 | .20 | .94 | .17 | .026 | 9.5 | 39.7 | .49 | 175.8 | .144 | <1 | 3.14 | .037 | .07 | <.2 | .10 | 21 | .4 | .05 | 9.3 | <.01 |
| MH99L-346 | 1.92 | 23.83 | 10.82 | 63.0 | 93 | 24.0 | 13.1 | 358 | 4.05 | 14.6 | .4 | 1.9 | 3.6 | 18.0 | .12 | .78 | .29 | 102 | .19 | .032 | 6.8 | 41.1 | .54 | 244.4 | .154 | <1 | 2.99 | .023 | .06 | <.2 | .13 | 20 | .4 | .06 | 11.2 | <.01 |
| MH99L-347 | 1.19 | 24.00 | 10.06 | 46.6 | 110 | 27.8 | 12.2 | 346 | 3.62 | 33.1 | .7 | 5.4 | 3.2 | 31.3 | .09 | .83 | .18 | .85 | .27 | .019 | 7.9 | 45.5 | .60 | 288.2 | .151 | <1 | 2.60 | .043 | .08 | <.2 | .12 | 26 | .3 | .05 | 7.7 | <.01 |
| MH99L-348 | .89 | 31.21 | 10.50 | 61.0 | 33 | 36.5 | 15.1 | 406 | 3.99 | 58.1 | .5 | 10.3 | 3.3 | 19.4 | .24 | .70 | .13 | .97 | .26 | .022 | 5.6 | 46.6 | .83 | 231.5 | .166 | 1 | 3.60 | .029 | .07 | <.2 | .10 | 29 | .3 | .05 | 8.2 | <.01 |
| MH99L-349 | 1.10 | 25.00 | 20.71 | 58.8 | 54 | 23.5 | 12.2 | 442 | 3.44 | 205.0 | 1.0 | 363.7 | 11.8 | 27.0 | .14 | 1.11 | .13 | .75 | .31 | .016 | 19.3 | 37.1 | .78 | 274.0 | .154 | 1 | 2.62 | .034 | .10 | <.2 | .13 | 17 | .4 | .03 | 7.4 | <.01 |
| MH99L-350 | 3.28 | 11.58 | 15.15 | 53.0 | 23 | 8.9 | 5.7 | 356 | 2.34 | 24.1 | 1.3 | 2.7 | 9.0 | 10.1 | .12 | 1.20 | .17 | .53 | .09 | .036 | 26.8 | 15.3 | .37 | 108.3 | .062 | <1 | 1.27 | .016 | .14 | <.2 | .13 | 8 | .2 | .02 | 6.9 | .01 |
| RE MH99L-324 | .51 | 30.45 | 6.39 | 52.0 | 69 | 23.6 | 12.5 | 401 | 2.95 | 17.2 | .7 | 3.5 | 2.6 | 46.3 | .10 | .56 | .13 | .77 | .80 | .059 | 8.6 | 32.4 | .67 | 188.1 | .157 | 2 | 1.88 | .062 | .06 | <.2 | .07 | 32 | .7 | .04 | 5.4 | <.01 |
| MH99L-351 | 1.21 | 19.16 | 24.33 | 62.2 | 21 | 21.2 | 10.7 | 332 | 3.23 | 25.2 | .7 | 5.2 | 9.1 | 20.9 | .13 | 1.10 | .11 | .69 | .29 | .016 | 15.8 | 29.2 | .83 | 181.1 | .153 | <1 | 2.45 | .027 | .11 | <.2 | .14 | 18 | .4 | .03 | 7.0 | <.01 |
| MH99L-352 | .91 | 11.35 | 5.89 | 31.4 | 80 | 10.7 | 5.9 | 213 | 2.43 | 8.6 | .2 | .9 | 1.5 | 12.8 | .13 | .34 | .12 | .61 | .16 | .028 | 2.9 | 16.4 | .24 | 100.9 | .085 | <1 | 1.30 | .015 | .04 | <.2 | .06 | 18 | .2 | .03 | 5.8 | .01 |
| MH99L-354 | 1.60 | 18.24 | 11.16 | 46.0 | 376 | 10.4 | 7.3 | 278 | 3.11 | 16.0 | .4 | 4.4 | 5.0 | 14.8 | .16 | 1.51 | .19 | .78 | .16 | .024 | 7.0 | 22.7 | .35 | 172.0 | .110 | <1 | 1.79 | .018 | .07 | <.2 | .10 | 19 | .3 | .05 | 8.3 | <.01 |
| MH99L-355 | 1.46 | 20.25 | 11.42 | 90.9 | 68 | 27.1 | 15.7 | 576 | 4.01 | 6.8 | .7 | 1.0 | 6.5 | 11.9 | .23 | .67 | .19 | .95 | .16 | .020 | 13.9 | 54.7 | .94 | 224.1 | .143 | <1 | 3.28 | .026 | .08 | <.2 | .23 | 13 | .3 | .03 | 11.3 | <.01 |
| MH99L-356 | 1.26 | 20.36 | 8.09 | 57.2 | 56 | 18.6 | 11.1 | 414 | 3.39 | 8.6 | .4 | 2.5 | 2.1 | 21.8 | .20 | .59 | .15 | .87 | .22 | .016 | 6.0 | 33.3 | .50 | 178.5 | .142 | <1 | 2.39 | .035 | .05 | <.2 | .09 | 13 | .2 | .05 | 8.2 | <.01 |
| MH99L-357 | 1.12 | 14.71 | 7.80 | 44.0 | 62 | 13.2 | 7.5 | 382 | 2.66 | 5.2 | .3 | 1.3 | 1.8 | 18.5 | .19 | .46 | .16 | .69 | .22 | .024 | 4.6 | 22.9 | .37 | 198.7 | .116 | <1 | 1.68 | .027 | .06 | <.2 | .08 | 17 | .2 | .05 | 7.2 | <.01 |
| MH99L-358 | .92 | 19.87 | 8.54 | 93.7 | 54 | 21.9 | 12.9 | 1084 | 3.46 | 5.0 | .4 | 2.7 | 3.6 | 20.3 | .45 | .69 | .16 | .79 | .33 | .020 | 7.7 | 32.3 | .66 | 245.0 | .141 | <1 | 2.28 | .021 | .13 | <.2 | .15 | 10 | .2 | .05 | 8.7 | <.01 |
| MH99L-359 | 1.35 | 13.01 | 7.82 | 47.9 | 37 | 12.4 | 7.9 | 798 | 2.58 | 4.4 | .6 | 1.1 | 5.5 | 15.5 | .17 | .59 | .21 | .76 | .16 | .020 | 11.6 | 24.4 | .39 | 162.6 | .110 | <1 | 1.47 | .016 | .08 | <.2 | .17 | 15 | .3 | .06 | 8.4 | <.01 |
| MH99L-360 | .95 | 31.96 | 8.28 | 49.6 | 45 | 32.3 | 14.0 | 409 | 3.53 | 10.7 | .5 | 1.5 | 4.8 | 20.8 | .15 | .64 | .15 | .89 | .24 | .024 | 6.6 | 43.0 | .71 | 377.1 | .169 | 1 | 3.23 | .028 | .06 | <.2 | .10 | 22 | .6 | .04 | 8.5 | <.01 |
| MH99L-361 | .90 | 13.61 | 8.10 | 45.6 | 27 | 9.8 | 7.8 | 379 | 2.59 | 4.1 | .3 | .5 | 6.4 | 15.3 | .16 | .43 | .15 | .62 | .14 | .021 | 8.6 | 19.0 | .35 | 200.9 | .082 | <1 | 1.62 | .023 | .04 | <.2 | .09 | 14 | .3 | .05 | 7.1 | <.01 |
| MH99L-362 | .98 | 17.45 | 9.00 | 79.1 | 60 | 13.2 | 10.9 | 2630 | 3.21 | 5.7 | .4 | 1.1 | 4.1 | 20.3 | .22 | .48 | .17 | .75 | .26 | .040 | 9.4 | 22.0 | .34 | 279.5 | .086 | <1 | 1.78 | .019 | .04 | <.2 | .13 | 22 | .5 | .04 | 7.5 | .01 |
| MH99L-363 | .88 | 19.51 | 8.44 | 54.7 | 96 | 21.0 | 11.9 | 360 | 3.57 | 6.8 | .3 | 2.9 | 3.8 | 24.8 | .16 | .41 | .16 | .89 | .27 | .031 | 6.9 | 34.5 | .52 | 263.1 | .133 | 1 | 2.49 | .024 | .06 | <.2 | .10 | 14 | .4 | .04 | 8.3 | <.01 |
| MH99L-364 | 1.05 | 25.73 | 11.39 | 58.0 | 12 | 24.4 | 10.2 | 496 | 3.58 | 9.3 | .7 | 1.6 | 8.2 | 24.4 | .19 | .65 | .15 | .83 | .29 | .030 | 13.0 | 39.2 | .75 | 243.6 | .150 | 1 | 3.14 | .032 | .08 | <.2 | .10 | 23 | .6 | .04 | 9.0 | <.01 |
| STANDARD DS2 | 13.78 | 120.87 | 28.67 | 152.9 | 248 | 34.9 | 13.1 | 805 | 3.36 | 70.6 | 20.3 | 192.2 | 3.4 | 28.0 | 10.70 | 9.79 | 10.75 | 72 | .56 | .084 | 12.2 | 158.4 | .55 | 140.7 | .111 | 1 | 1.77 | .038 | 16 | 6.9 | 2.02 | 220 | 2.6 | 1.79 | 6.7 | .02 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Troymin Resources PROJECT MOOSEHORN FILE # 9902556

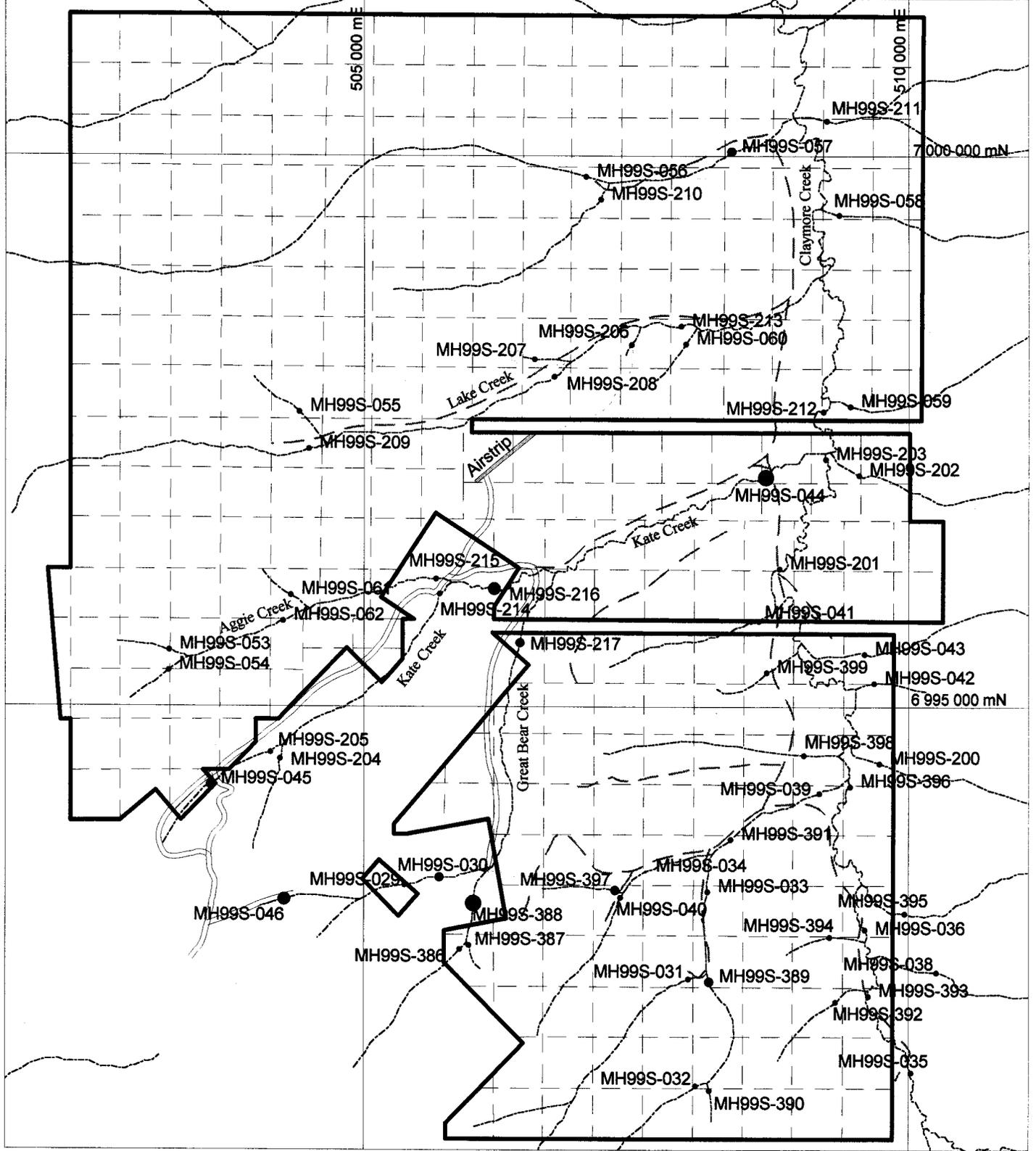


| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppb | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Tl ppm | Hg ppb | Se ppm | Te ppm | Ga ppm | S % |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|-----------|-----------|--------|
| MH99L-365 | .44 | 19.07 | 6.78 | 21.6 | 69 | 5.2 | 2.5 | 201 | 1.02 | 2.2 | .4 | 3.6 | 1.2 | 23.6 | .17 | .21 | .20 | 21 | .18 | .060 | 5.4 | 11.9 | .08 | 166.7 | .053 | 1 | .98 | .035 | .03 | < 2 | .06 | 32 | .4 | .03 | 4.0 | .03 |
| MH99L-366 | 1.05 | 15.59 | 9.46 | 40.4 | 22 | 13.9 | 8.8 | 276 | 3.07 | 11.0 | 1.1 | .5 | 9.0 | 15.3 | .06 | .46 | .18 | 63 | .19 | .020 | 16.8 | 25.4 | .43 | 137.4 | .097 | <1 | 1.93 | .021 | .15 | .2 | .20 | 11 | .3 | .03 | 6.9 | <.01 |
| MH99L-367 | .77 | 20.39 | 11.52 | 46.8 | 52 | 15.5 | 8.5 | 430 | 2.64 | 40.5 | 1.2 | 1.8 | 7.5 | 22.0 | .08 | .37 | .19 | 60 | .25 | .018 | 15.1 | 29.5 | .47 | 218.2 | .114 | <1 | 1.64 | .026 | .11 | < 2 | .12 | 19 | .3 | .04 | 5.5 | <.01 |
| MH99L-368 | 1.13 | 33.51 | 23.05 | 51.7 | 1205 | 20.7 | 12.8 | 235 | 3.95 | 216.0 | 1.8 | 7.1 | 10.8 | 18.2 | .22 | 1.17 | .77 | 85 | .20 | .037 | 7.4 | 42.8 | .54 | 183.8 | .113 | 1 | 3.76 | .026 | .07 | .2 | .16 | 94 | .6 | .05 | 7.0 | <.01 |
| MH99L-369 | .92 | 31.09 | 32.40 | 75.2 | 219 | 19.2 | 14.6 | 616 | 4.21 | 136.0 | 3.0 | 10.1 | 11.7 | 18.1 | .27 | 1.22 | .49 | 96 | .27 | .040 | 15.4 | 32.8 | .74 | 290.2 | .169 | <1 | 3.04 | .025 | .27 | .2 | .37 | 25 | .5 | .06 | 9.1 | <.01 |
| MH99L-370 | 1.14 | 15.91 | 19.31 | 41.6 | 103 | 9.4 | 7.1 | 283 | 2.56 | 21.0 | .9 | 3.4 | 5.2 | 17.1 | .23 | .55 | .24 | 66 | .17 | .026 | 7.0 | 19.0 | .31 | 140.7 | .085 | <1 | 1.48 | .020 | .10 | < 2 | .14 | 27 | .4 | .04 | 7.1 | .01 |
| MH99L-371 | .97 | 23.09 | 20.55 | 53.3 | 119 | 15.5 | 10.3 | 326 | 3.61 | 34.9 | 1.2 | 6.9 | 8.4 | 22.4 | .20 | .69 | .44 | 96 | .28 | .041 | 9.3 | 28.9 | .67 | 170.1 | .161 | 1 | 2.43 | .023 | .15 | < 2 | .24 | 33 | .5 | .06 | 8.9 | .01 |
| MH99L-372 | .47 | 33.42 | 13.88 | 74.6 | 37 | 21.3 | 17.9 | 659 | 4.24 | 57.0 | 1.8 | 9.1 | 15.9 | 26.0 | .10 | .65 | .19 | 104 | .44 | .059 | 63.7 | 35.4 | 1.29 | 251.5 | .263 | 1 | 2.82 | .021 | .48 | .3 | .67 | 16 | .3 | .06 | 8.0 | <.01 |
| MH99L-373 | .49 | 34.22 | 15.02 | 80.0 | 29 | 16.8 | 19.3 | 804 | 5.17 | 221.3 | 1.7 | 4.6 | 12.5 | 15.4 | .11 | .95 | .37 | 115 | .42 | .114 | 24.6 | 28.6 | 1.50 | 194.5 | .266 | <1 | 3.15 | .028 | .75 | .2 | .92 | 11 | .4 | .05 | 8.1 | <.01 |
| MH99L-374 | .55 | 33.95 | 20.57 | 59.0 | 45 | 31.0 | 18.4 | 544 | 4.03 | 97.3 | 1.0 | 1.7 | 9.4 | 19.5 | .12 | .58 | .23 | 97 | .31 | .032 | 7.7 | 54.6 | 1.04 | 228.8 | .236 | <1 | 3.48 | .028 | .24 | .2 | .36 | 12 | .3 | .05 | 8.2 | <.01 |
| MH99L-375 | 1.06 | 26.84 | 16.15 | 57.1 | 39 | 23.7 | 15.0 | 459 | 4.01 | 84.9 | 1.3 | 8.7 | 6.8 | 18.6 | .13 | .80 | .35 | 97 | .23 | .045 | 6.9 | 38.3 | .86 | 142.4 | .184 | 1 | 3.07 | .026 | .26 | .2 | .43 | 32 | .5 | .06 | 8.5 | <.01 |
| MH99L-376 | .45 | 6.95 | 7.22 | 16.1 | 241 | 3.6 | 2.7 | 91 | 1.10 | 26.4 | .6 | 3.4 | 1.7 | 10.4 | .04 | .28 | .13 | 27 | .11 | .019 | 5.0 | 7.9 | .16 | 55.9 | .068 | <1 | .72 | .039 | .04 | < 2 | .08 | 24 | .1 | .03 | 3.5 | .04 |
| MH99L-377 | 1.00 | 25.95 | 15.94 | 73.0 | 107 | 16.8 | 15.3 | 565 | 4.50 | 54.4 | 1.2 | 5.5 | 8.2 | 15.5 | .20 | .83 | .55 | 104 | .20 | .040 | 7.8 | 30.4 | .99 | 182.4 | .175 | <1 | 3.01 | .017 | .42 | < 2 | .56 | 9 | .3 | .05 | 7.9 | <.01 |
| MH99L-378 | .68 | 17.32 | 8.60 | 30.7 | 264 | 8.1 | 5.7 | 230 | 2.41 | 30.2 | .7 | 2.6 | 5.6 | 16.9 | .10 | .44 | .23 | 64 | .17 | .025 | 12.1 | 18.4 | .28 | 140.6 | .115 | <1 | 1.61 | .029 | .07 | .2 | .16 | 27 | .4 | .05 | 7.0 | <.01 |
| MH99L-379 | 1.22 | 15.53 | 13.53 | 33.5 | 188 | 10.8 | 6.3 | 167 | 2.78 | 58.9 | .5 | 5.5 | 3.2 | 13.2 | .08 | .71 | .26 | 76 | .14 | .023 | 6.2 | 21.7 | .28 | 120.0 | .085 | <1 | 1.81 | .016 | .06 | < 2 | .13 | 19 | .2 | .04 | 7.8 | <.01 |
| MH99L-380 | 1.12 | 15.24 | 14.71 | 32.7 | 358 | 7.8 | 4.1 | 150 | 2.26 | 13.6 | .5 | 2.9 | 2.3 | 15.2 | .21 | .57 | .30 | 64 | .13 | .029 | 7.0 | 21.1 | .26 | 99.7 | .116 | <1 | 1.48 | .027 | .08 | < 2 | .10 | 24 | .3 | .05 | 7.4 | <.01 |
| RE MH99L-380 | 1.09 | 18.04 | 14.11 | 36.5 | 331 | 6.1 | 4.8 | 170 | 2.47 | 12.4 | .5 | 3.2 | 2.2 | 14.7 | .20 | .52 | .28 | 71 | .15 | .030 | 7.3 | 21.6 | .25 | 92.4 | .115 | 1 | 1.49 | .019 | .07 | < 2 | .10 | 22 | .2 | .06 | 7.9 | <.01 |
| MH99L-381 | 1.30 | 28.30 | 52.24 | 59.3 | 502 | 25.5 | 12.6 | 349 | 4.38 | 75.4 | 1.3 | 5.9 | 8.0 | 22.5 | .21 | .96 | .89 | 106 | .29 | .045 | 10.6 | 40.1 | .72 | 203.6 | .155 | 1 | 3.06 | .027 | .14 | .2 | .17 | 45 | .3 | .08 | 8.3 | <.01 |
| MH99L-382 | 1.17 | 26.76 | 11.57 | 45.9 | 387 | 21.5 | 12.5 | 300 | 3.83 | 13.9 | .8 | 4.4 | 4.9 | 17.0 | .16 | .72 | .21 | 89 | .21 | .054 | 8.9 | 37.1 | .57 | 173.8 | .145 | 1 | 3.27 | .019 | .11 | < 2 | .15 | 51 | .4 | .04 | 7.7 | <.01 |
| MH99L-383 | .77 | 27.27 | 13.55 | 76.0 | 45 | 21.0 | 16.5 | 737 | 5.14 | 416.5 | 1.0 | 2.8 | 10.3 | 16.0 | .17 | .50 | .57 | 116 | .30 | .079 | 8.3 | 33.3 | 1.35 | 166.7 | .256 | 1 | 3.60 | .029 | .70 | .2 | .73 | 21 | .4 | .05 | 9.8 | <.01 |
| MH99L-384 | .66 | 27.78 | 9.35 | 54.6 | 36 | 20.9 | 12.4 | 465 | 3.95 | 327.0 | 1.1 | 3.6 | 6.5 | 20.7 | .07 | .51 | .23 | 101 | .33 | .032 | 14.5 | 33.3 | .88 | 190.4 | .202 | 1 | 2.82 | .025 | .21 | < 2 | .24 | 14 | .3 | .06 | 7.9 | <.01 |
| MH99L-385 | .48 | 10.52 | 7.46 | 22.5 | 53 | 5.3 | 3.5 | 111 | 1.82 | 11.7 | .3 | 3.9 | 1.2 | 12.0 | .08 | .23 | .17 | 52 | .13 | .017 | 3.4 | 12.7 | .30 | 78.1 | .146 | <1 | 1.23 | .028 | .10 | < 2 | .11 | 14 | .1 | .04 | 5.7 | .03 |
| STANDARD DS2 | 13.68 | 127.31 | 36.22 | 154.3 | 226 | 34.0 | 12.5 | 818 | 3.40 | 64.7 | 23.2 | 203.5 | 4.2 | 30.1 | 10.95 | 9.36 | 12.99 | 75 | .57 | .083 | 12.1 | 167.4 | .58 | 146.2 | .115 | 1 | 1.87 | .038 | .19 | 7.1 | 2.18 | 248 | 2.6 | 1.84 | 6.3 | .02 |

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Appendix III

Stream Sediment Sample Dot Plots

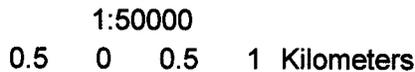


Gold Dot Plot (ppb)

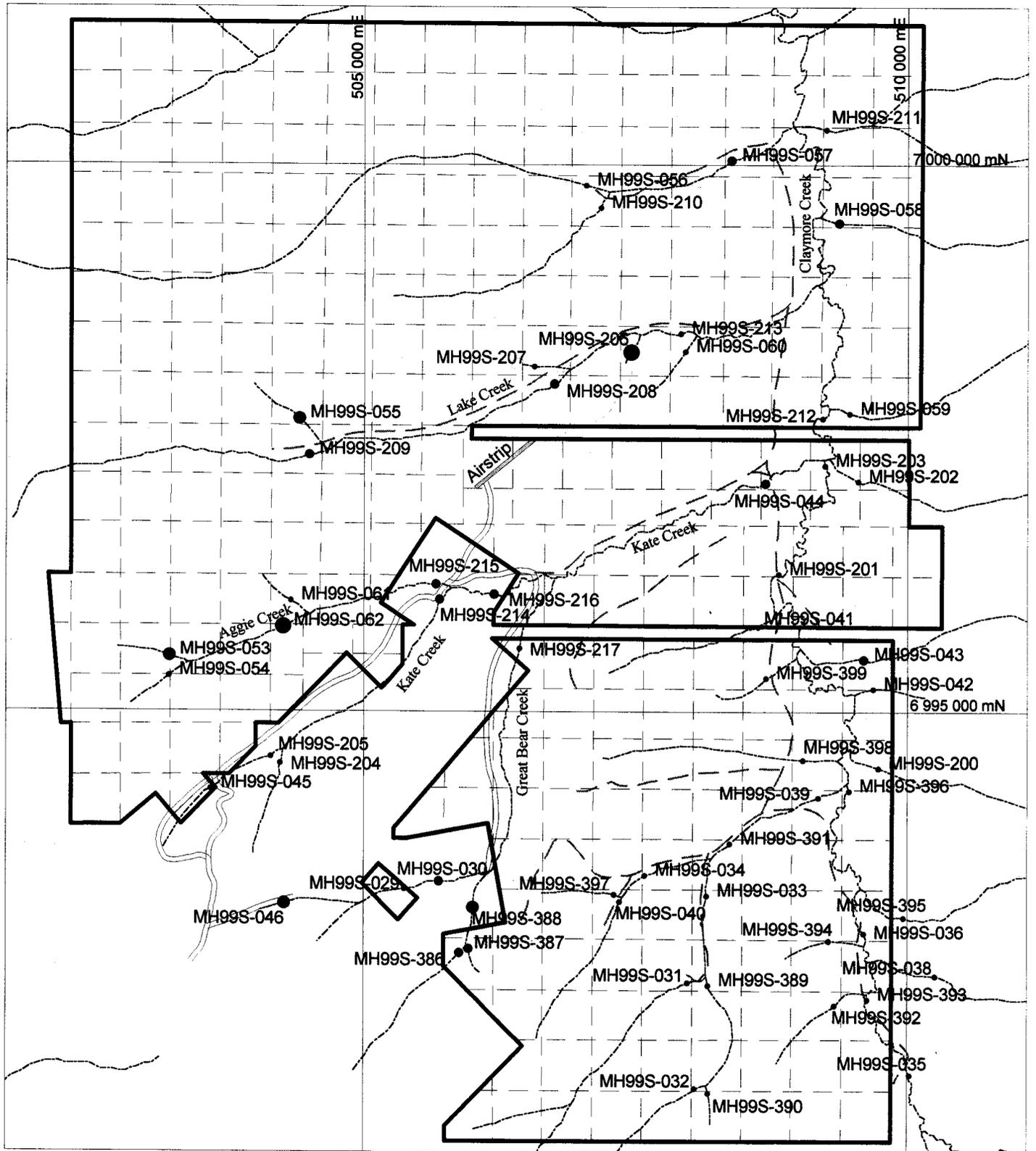
- < mean (< 44.5 ppb)
- mean to 1 S.D. (44.5 - 173.99 ppb)
- 1 to 2 S.D. (174 - 303.99 ppb)
- > 2 S.D. (> 303.99 ppb)



TROYMIN RESOURCES Ltd.
MOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Gold Geochemistry (ppb)



S.D. = Standard Deviation



Silver Dot Plot (ppb)

- < mean (< 55 ppb)
- mean to 1 S.D. (55 to 94 ppb)
- 1 to 2 S.D. (95 - 134 ppb)
- > 2 S.D. (> 134 ppb)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Silver Geochemistry (ppb)

1:50000

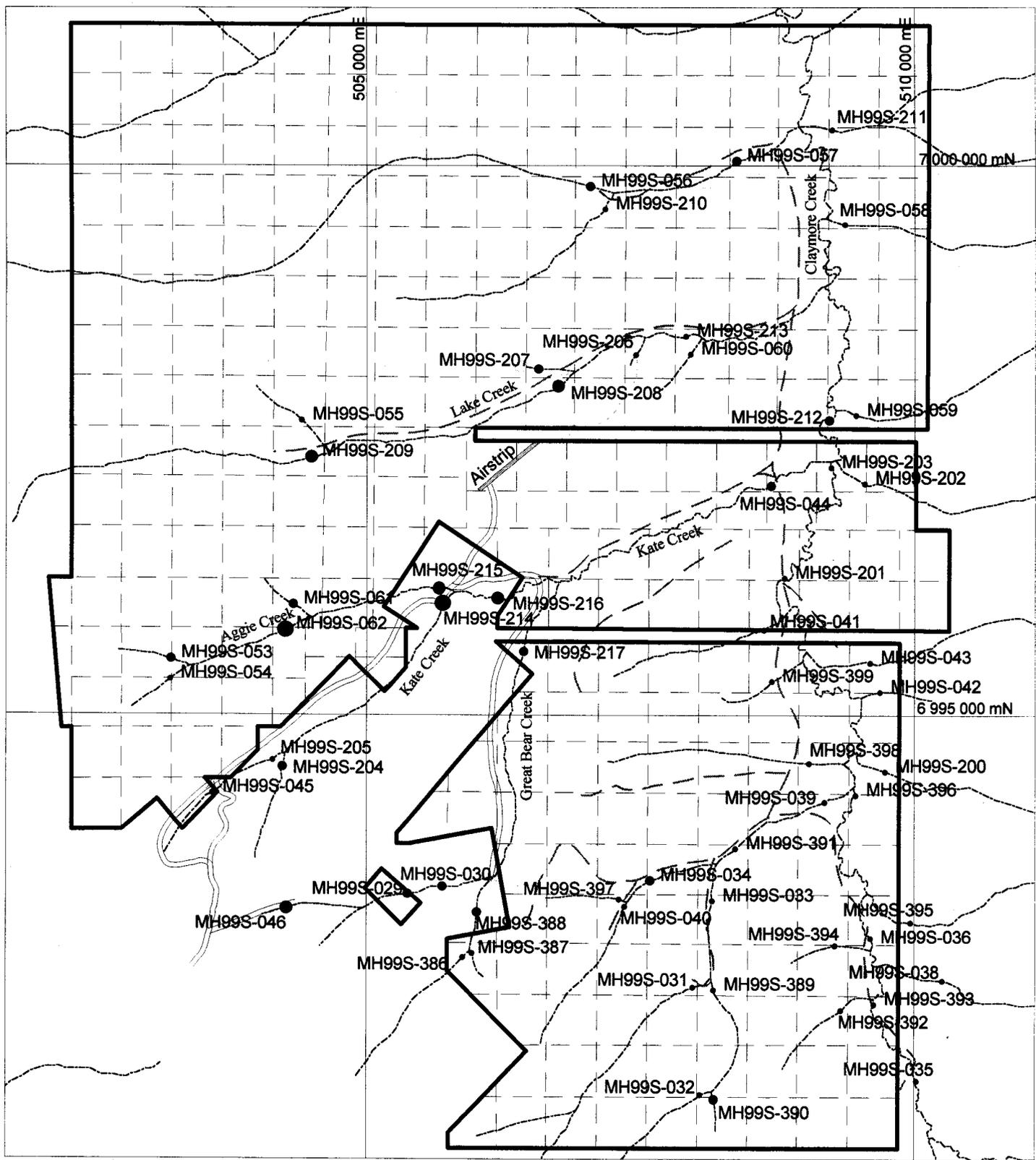
0.5 0 0.5 1 Kilometers

S.D. = Standard Deviation



Casselman Geological Services

December, 1999



Arsenic Dot Plot (ppm)

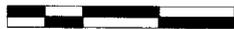
- < mean (< 23 ppm)
- Mean to 1 S.D. (23 - 52.99 ppm)
- 1 to 2 S.D. (53 - 81.99 ppm)
- > 2 S.D. (> 81.99 ppm)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Arsenic Geochemistry (ppm)

1:50000

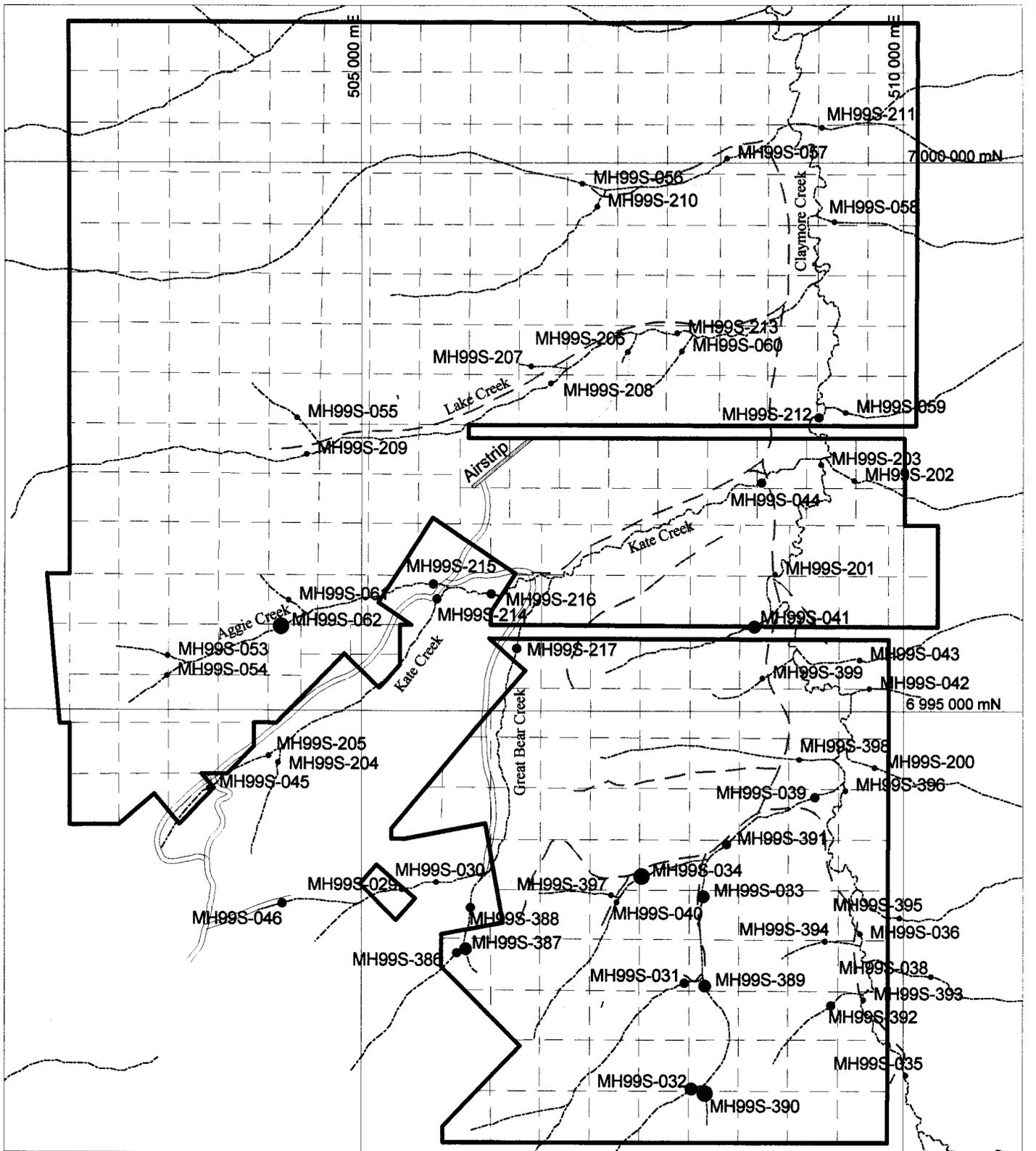
0.5 0 0.5 1 Kilometers



S.D. = Standard Deviation

Casselmann Geological Services

December, 1999



Antimony Dot Plot (ppm)

- < mean (< 0.73 ppm)
- mean to 1 S.D. (0.73 - 1.38 ppm)
- 1 to 2 S.D. (1.39 to 2.02 ppm)
- > 2 S.D. (> 2.02 ppm)



TROYMIN RESOURCES Ltd.
MOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Antimony Geochemistry (ppm)

1:50000

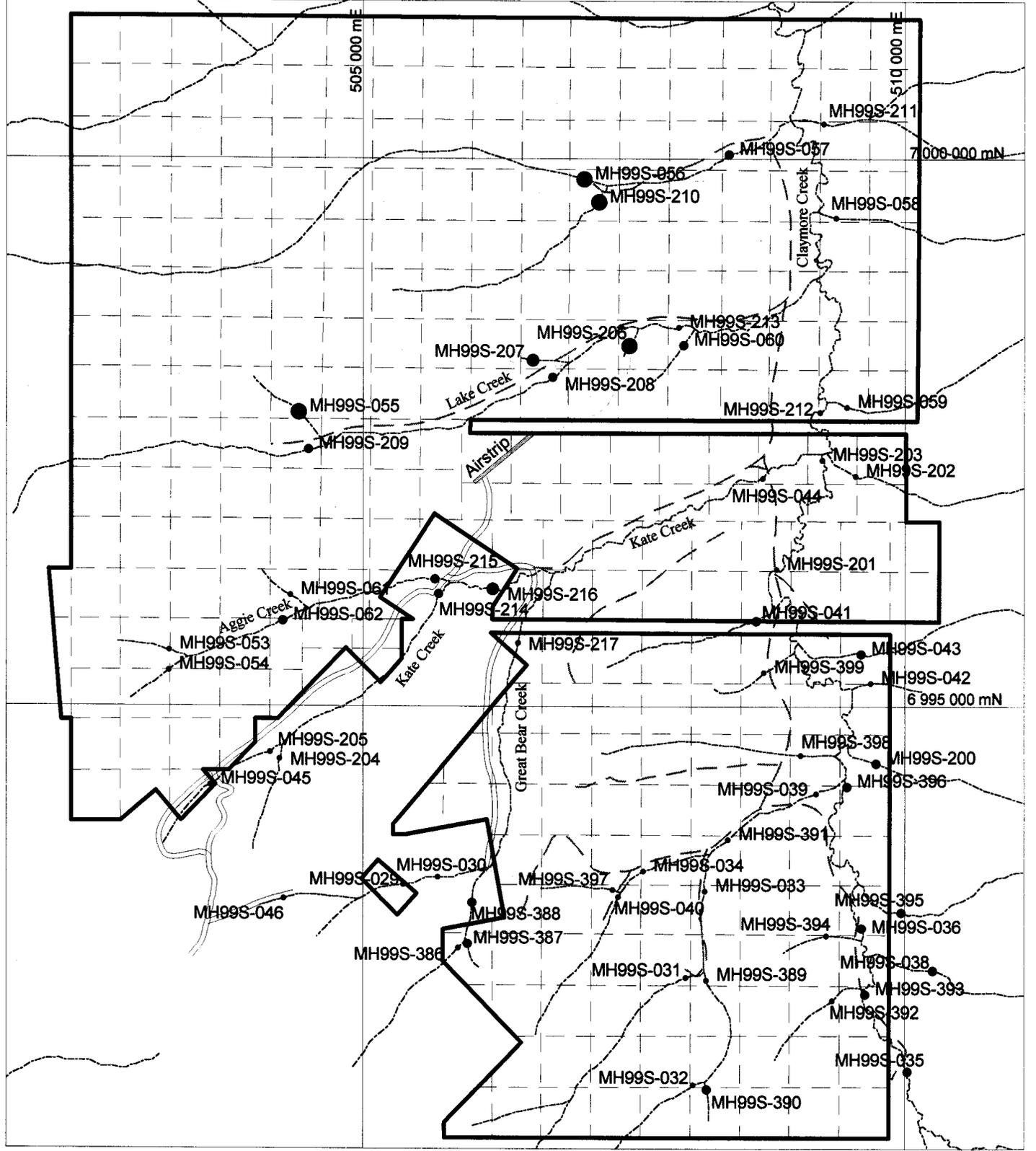
0.5 0 0.5 1 Kilometers



S.D. = Standard Deviation

Casselman Geological Services

December, 1999



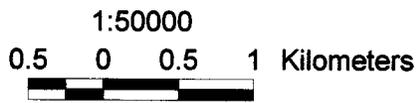
Bismuth Dot Plot (ppm)

- < mean (< 0.14 ppm)
- mean to 1 S.D. (0.14 - 0.21 ppm)
- 1 to 2 S.D. (0.22 - 0.28 ppm)
- > 1 S.D. (> 0.28 ppm)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot

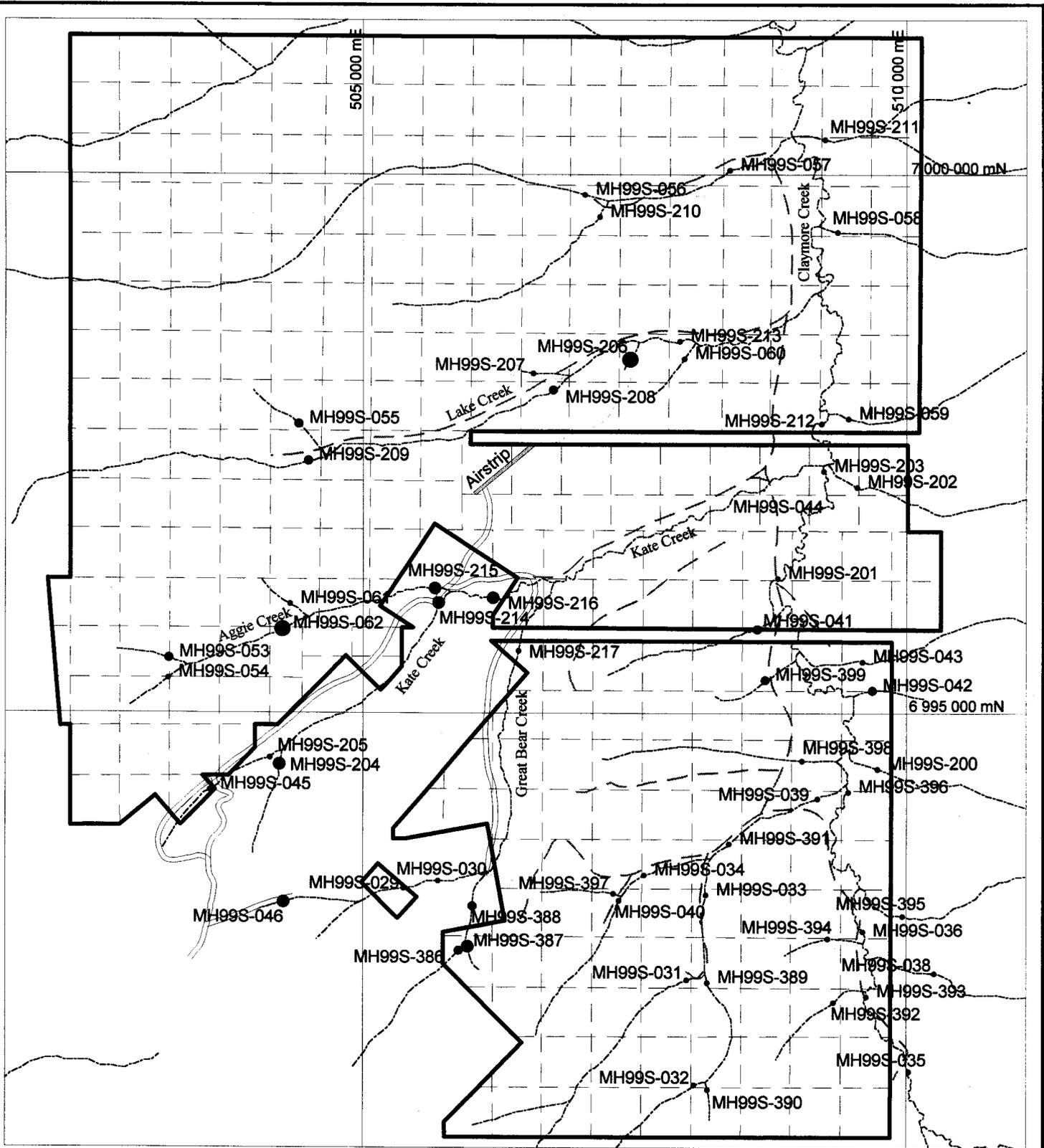
Bismuth Geochemistry (ppm)



S.D. = Standard Deviation

Casselman Geological Services

December, 1999



Lead Dot Plot (ppm)

- < mean (< 6.5 ppm)
- mean to 1 S.D. (6.5 to 9.1 ppm)
- 1 to 2 S.D. (9.2 to 11.8 ppm)
- > 2 S.D. (> 11.8 ppm)



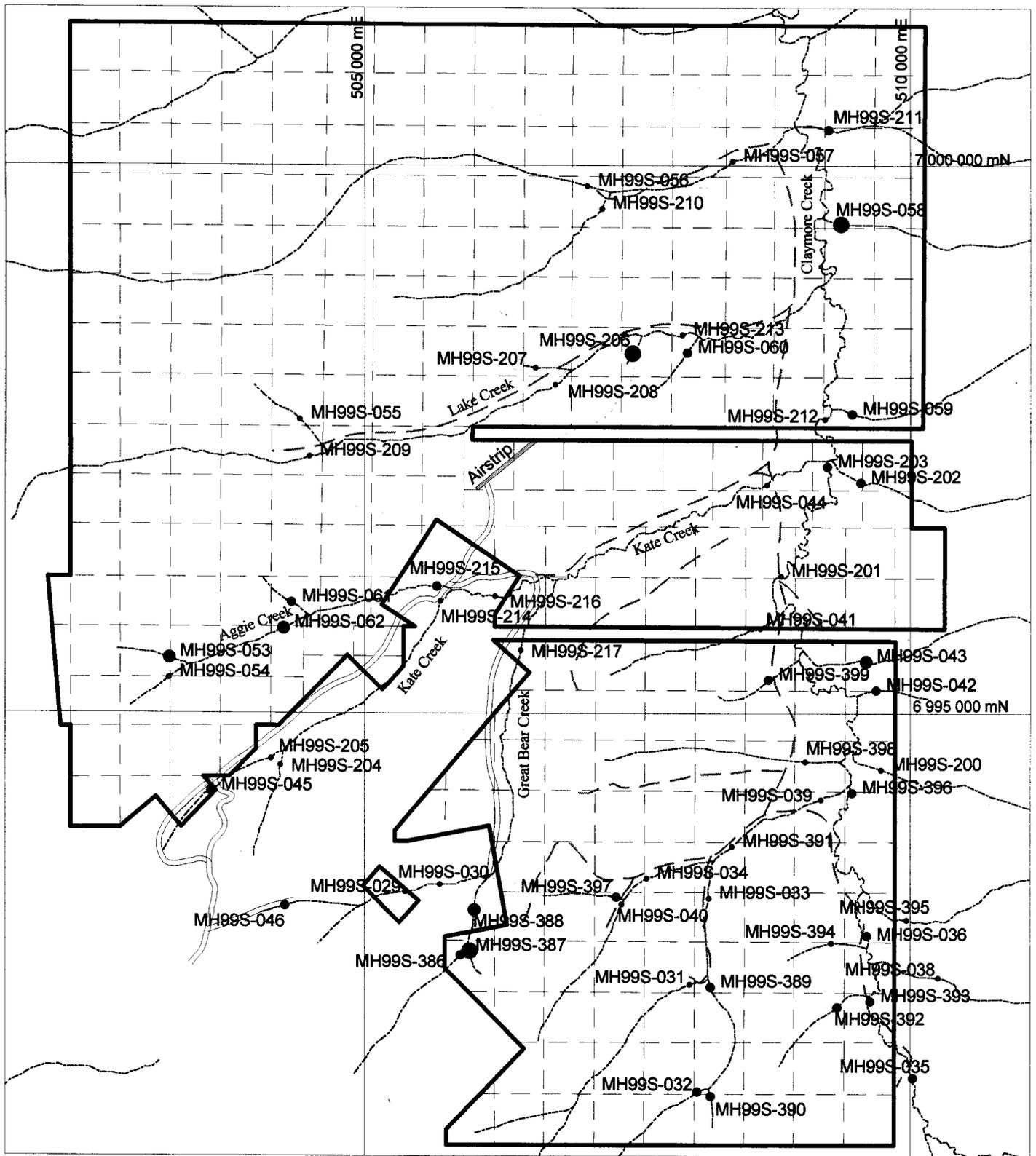
TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Lead Geochemistry (ppm)

1:50000

0.5 0 0.5 1 Kilometers

S.D. = Standard Deviation





Zinc Dot Plot (ppm)

- < mean (< 57.4 ppm)
- mean to 1 S.D. (57.4 - 66.1 ppm)
- 1 to 2 S.D. (66.2 - 74.8 ppm)
- > 2 S.D. (> 74.8 ppm)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Zinc Geochemistry (ppm)

1:50000

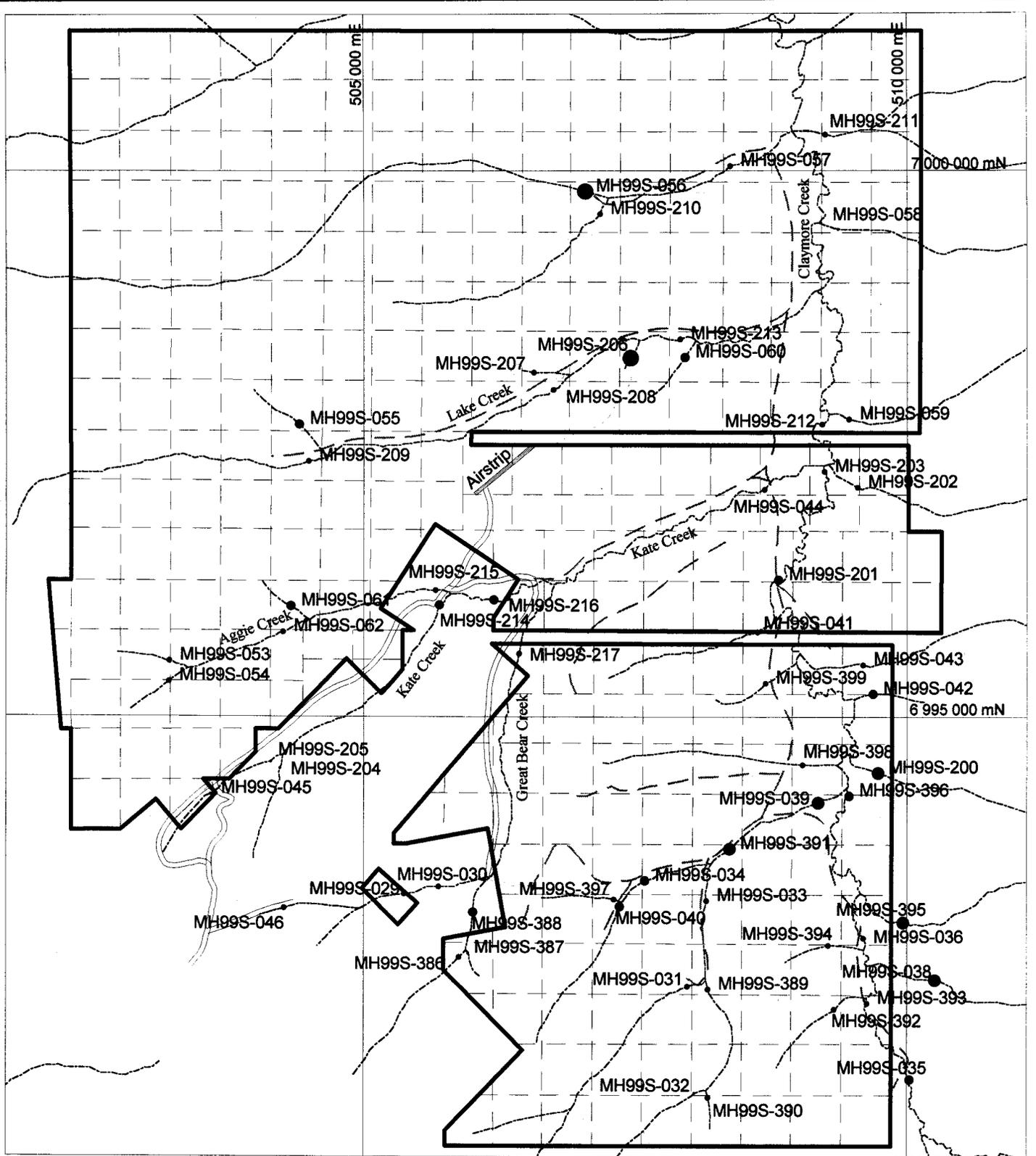
0.5 0 0.5 1 Kilometers



S.D. = Standard Deviation

Casselman Geological Services

December, 1999



Tungsten Dot Plot (ppm)

- <mean (< 0.5 ppm)
- mean to 1 S.D. (0.5 - 0.8 ppm)
- 1 to 2 S.D. (0.9 - 1.1 ppm)
- > 2 S.D. (> 1.1 ppm)



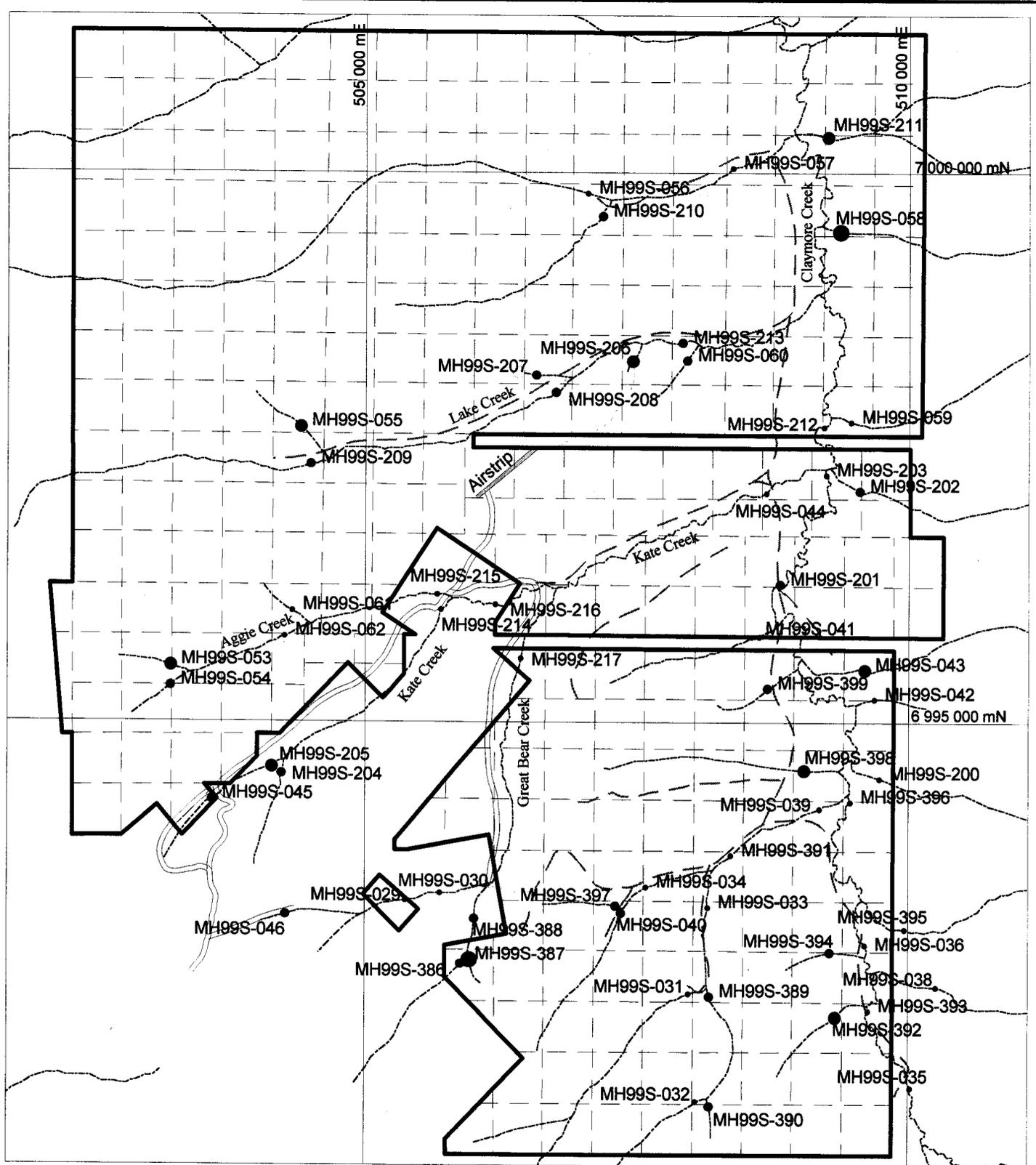
TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Tungsten Geochemistry (ppm)

1:50000

0.5 0 0.5 1 Kilometers



S.D. = Standard Deviation

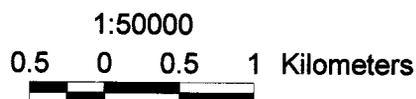


Mercury Dot Plot (ppb)

- < mean (< 23 ppb)
- Mean to 1 S.D. (23 - 31 ppb)
- 1 to 2 S.D. (32 - 39 ppb)
- > 2 S.D. (> 39 ppb)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Stream Sediment Sample Dot Plot
Mercury Geochemistry (ppb)



S.D. = Standard Deviation

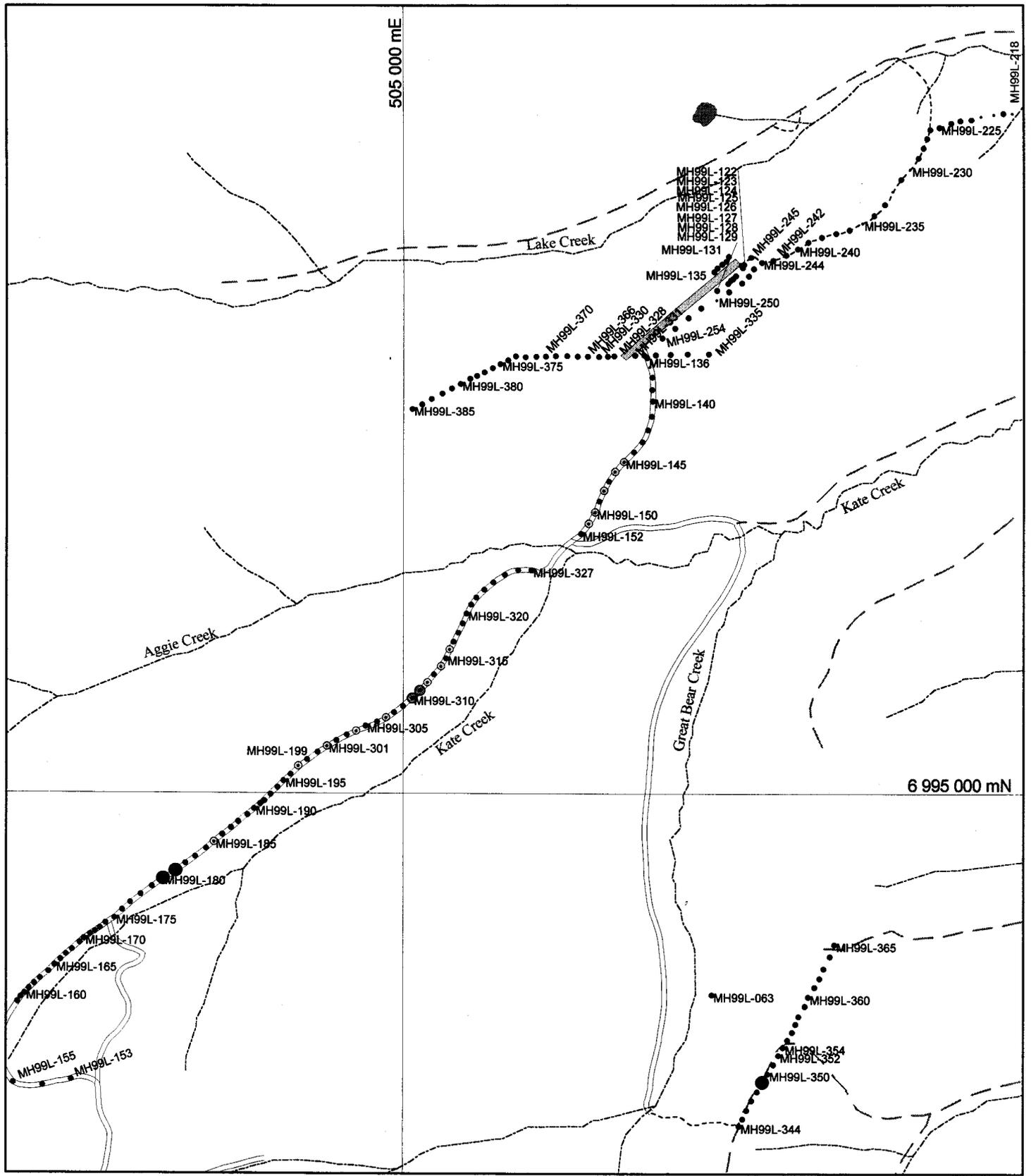
MOOSEHORN PROPERTY - Stream Sediment Geochemistry

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | P (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) | |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|----------|-------------|-------------|-----------|-------------|-----------|------------|-----------|-----------|----------|------------|-------------|-------------|-------------|-------------|-------------|----------|------|
| MH99S-029 | 0.54 | 8.31 | 5.95 | 44.4 | 39 | 9.9 | 7 | 360 | 2.57 | 32.2 | 0.8 | 22.1 | 9.4 | 17.2 | 0.14 | 0.49 | 0.09 | 68 | 0.31 | 0.044 | 16.6 | 15 | 0.48 | 109.8 | 0.144 | 1.14 | 0.014 | 0.08 | 0.3 | 0.1 | 7 | 0.3 | | | 4.9 | | |
| MH99S-030 | 0.56 | 9.4 | 6.28 | 49.3 | 65 | 10.9 | 9 | 522 | 2.96 | 32.6 | 1.1 | 83.8 | 9.5 | 20.4 | 0.16 | 0.53 | 0.08 | 77 | 0.33 | 0.049 | 18.3 | 16.3 | 0.49 | 130.5 | 0.143 | 1.21 | 0.016 | 0.1 | 0.3 | 0.11 | 11 | 0.3 | | | 5.1 | 0.01 | |
| MH99S-031 | 0.47 | 10.52 | 5.59 | 54.4 | 28 | 15.9 | 9.8 | 536 | 3.51 | 6.5 | 2.3 | 2.8 | 8.9 | 28.6 | 0.08 | 0.82 | 0.07 | 95 | 0.51 | 0.072 | 15 | 21 | 0.6 | 129.9 | 0.143 | 1.25 | 0.028 | 0.11 | 0.2 | 0.11 | 11 | 0.3 | | | 4.8 | | |
| MH99S-032 | 0.37 | 9.21 | 5.21 | 59 | 23 | 11.6 | 10 | 525 | 2.97 | 7.9 | 1.7 | 0.9 | 7 | 32.6 | 0.08 | 2.02 | 0.06 | 76 | 0.59 | 0.067 | 14.7 | 16.4 | 0.66 | 150.7 | 0.154 | 1.45 | 0.026 | 0.09 | | 0.09 | 17 | 0.3 | | | 5.3 | 0.01 | |
| MH99S-033 | 0.5 | 10.9 | 5.96 | 53.8 | 30 | 13.7 | 10.6 | 573 | 3.19 | 10 | 2.5 | 3.6 | 7 | 34.9 | 0.09 | 1.46 | 0.1 | 87 | 0.57 | 0.067 | 14.4 | 21.2 | 0.63 | 147.9 | 0.148 | 1.36 | 0.029 | 0.09 | 0.2 | 0.1 | 18 | 0.3 | | | 5 | | |
| MH99S-034 | 0.32 | 7.01 | 6.33 | 41.2 | 32 | 9.8 | 9.3 | 428 | 3.38 | 23.3 | 1.2 | | 13.3 | 23.4 | 0.06 | 2.14 | 0.13 | 90 | 0.42 | 0.073 | 25.9 | 20.1 | 0.43 | 100 | 0.118 | 0.97 | 0.024 | 0.09 | 0.7 | 0.1 | 12 | 0.3 | 0.08 | | 4.2 | | |
| MH99S-035 | 0.55 | 11.91 | 4.25 | 59.1 | 23 | 19.6 | 10.4 | 483 | 2.94 | 3.7 | 3.8 | 0.6 | 16.5 | 24.5 | 0.08 | 0.3 | 0.21 | 82 | 0.61 | 0.143 | 14 | 38.6 | 0.75 | 219.6 | 0.185 | 1.38 | 0.023 | 0.25 | 0.7 | 0.24 | 18 | 0.2 | | | 5.9 | | |
| MH99S-036 | 0.6 | 13.57 | 4.01 | 57.9 | 29 | 18 | 10.9 | 471 | 2.91 | 3.9 | 2.4 | 4.4 | 4 | 28.6 | 0.09 | 0.23 | 0.15 | 81 | 0.59 | 0.099 | 9.2 | 27.3 | 0.78 | 232.1 | 0.204 | 1.55 | 0.029 | 0.23 | 0.4 | 0.2 | 18 | 0.3 | 0.02 | | 5.7 | | |
| MH99S-038 | 0.67 | 12.82 | 3.27 | 53.8 | 28 | 13.1 | 10.8 | 411 | 2.85 | 2.4 | 2.3 | 1.5 | 3.6 | 26.2 | 0.07 | 0.07 | 0.15 | 81 | 0.54 | 0.119 | 8.2 | 22.8 | 0.81 | 305 | 0.229 | 1.57 | 0.03 | 0.32 | 1 | 0.22 | 11 | 0.3 | | | 5.8 | | |
| MH99S-039 | 0.17 | 8.99 | 4.7 | 46.4 | 32 | 13.5 | 8.9 | 421 | 3.1 | 9.7 | 1.5 | 25.6 | 6.7 | 29.9 | 0.04 | 1.19 | 0.13 | 87 | 0.55 | 0.071 | 16.7 | 22.1 | 0.54 | 113.4 | 0.141 | 1.21 | 0.03 | 0.08 | 1 | 0.11 | 18 | 0.3 | | | 4.4 | | |
| MH99S-040 | 0.5 | 10.2 | 5.13 | 47.7 | 39 | 12.7 | 9.3 | 509 | 2.74 | 9.1 | 1.1 | 6.3 | 5.6 | 30.3 | 0.1 | 0.66 | 0.08 | 77 | 0.51 | 0.066 | 13.6 | 21.2 | 0.55 | 136.9 | 0.146 | 1.34 | 0.028 | 0.09 | 0.5 | 0.1 | 29 | 0.3 | 0.02 | | 4.5 | | |
| MH99S-041 | 0.49 | 11.41 | 7.9 | 47.1 | 52 | 14.5 | 9.6 | 626 | 2.46 | 20.8 | 0.9 | 3.6 | 6.6 | 30.9 | 0.17 | 1.91 | 0.15 | 69 | 0.51 | 0.059 | 16.2 | 20.5 | 0.44 | 134.3 | 0.12 | 1.19 | 0.027 | 0.06 | 0.3 | 0.06 | 18 | 0.3 | 0.02 | | 4 | | |
| MH99S-042 | 0.26 | 10.73 | 7.36 | 65.4 | 30 | 11.6 | 11.1 | 360 | 3.03 | 3.3 | 0.7 | 3.4 | 2.6 | 36 | 0.12 | 0.19 | 0.08 | 84 | 0.75 | 0.108 | 8.5 | 18.6 | 0.87 | 165.7 | 0.164 | 1.72 | 0.034 | 0.15 | 0.5 | 0.09 | 16 | 0.3 | | | 5.8 | | |
| MH99S-043 | 0.75 | 18.4 | 5.16 | 73.5 | 66 | 19.7 | 15 | 745 | 3.34 | 3 | 1.5 | 0.4 | 2.5 | 41.4 | 0.18 | 0.21 | 0.16 | 98 | 0.79 | 0.088 | 8.7 | 27.9 | 0.98 | 298.8 | 0.241 | 2.04 | 0.04 | 0.26 | 0.4 | 0.18 | 33 | 0.5 | | | 6.8 | 0.02 | |
| MH99S-044 | 0.52 | 9.16 | 6.48 | 46 | 93 | 11.6 | 8.8 | 463 | 3.76 | 26.7 | 2.2 | 701.6 | 16.3 | 21.8 | 0.1 | 1.16 | 0.07 | 95 | 0.54 | 0.124 | 28.1 | 18.3 | 0.55 | 124.1 | 0.124 | 1.06 | 0.021 | 0.19 | 0.3 | 0.15 | 14 | 0.1 | 0.02 | | 4.7 | | |
| MH99S-045 | 0.75 | 10.79 | 5.01 | 60 | 50 | 12.4 | 10.3 | 492 | 2.92 | 12.4 | 1.1 | 57.2 | 4.4 | 28.2 | 0.11 | 0.31 | 0.07 | 79 | 0.48 | 0.071 | 13.4 | 19.2 | 0.75 | 234.5 | 0.173 | 1.67 | 0.023 | 0.18 | | 0.16 | 25 | 0.3 | | | 6.2 | 0.01 | |
| MH99S-046 | 0.53 | 20.89 | 9.96 | 61.5 | 109 | 21.9 | 13.3 | 552 | 3.42 | 64.3 | 1.4 | 199.2 | 7 | 34.4 | 0.24 | 0.86 | 0.09 | 100 | 0.62 | 0.087 | 16.3 | 29.7 | 0.72 | 175.4 | 0.173 | 1.65 | 0.03 | 0.09 | 0.3 | 0.09 | 23 | 0.2 | 0.03 | | 5.6 | 0.01 | |
| MH99S-053 | 0.78 | 14 | 7.99 | 66.4 | 117 | 14.2 | 10.4 | 767 | 2.81 | 32.4 | 9.4 | 6.3 | 5 | 42.3 | 0.26 | 0.65 | 0.13 | 68 | 0.61 | 0.056 | 14.3 | 19.8 | 0.68 | 200.7 | 0.145 | 1.71 | 0.018 | 0.17 | 0.3 | 0.19 | 34 | 0.4 | | | 5.8 | 0.02 | |
| MH99S-054 | 0.75 | 10.04 | 5.54 | 55.4 | 42 | 11.1 | 10.9 | 672 | 2.73 | 9.8 | 1.4 | 4.1 | 4.9 | 21.3 | 0.11 | 0.37 | 0.08 | 71 | 0.37 | 0.054 | 12.1 | 18 | 0.64 | 147.3 | 0.149 | 1.41 | 0.019 | 0.18 | 0.2 | 0.17 | 27 | 0.2 | | | 5.6 | 0.01 | |
| MH99S-055 | 0.25 | 12.92 | 8.24 | 50.2 | 97 | 13.2 | 8 | 237 | 2.06 | 13.2 | 1.4 | 12 | 5 | 31.4 | 0.14 | 0.29 | 0.3 | 59 | 0.57 | 0.062 | 11.1 | 18.8 | 0.66 | 162.6 | 0.173 | 1.43 | 0.024 | 0.19 | 0.5 | 0.19 | 36 | 0.3 | | | 4.7 | 0.02 | |
| MH99S-056 | 0.34 | 9.46 | 5.11 | 46.5 | 45 | 10.6 | 9.2 | 339 | 2.47 | 52.2 | 2.3 | 1.1 | 4.1 | 33.6 | 0.08 | 0.25 | 0.43 | 62 | 0.53 | 0.077 | 10.7 | 17.1 | 0.65 | 115.3 | 0.14 | 1.28 | 0.025 | 0.15 | 1.7 | 0.14 | 21 | 0.2 | | | 4.4 | 0.01 | |
| MH99S-057 | 0.34 | 11.5 | 5.44 | 50.2 | 60 | 15.1 | 9.4 | 364 | 2.33 | 38.4 | 2.2 | 124 | 3.5 | 40.4 | 0.1 | 0.28 | 0.18 | 61 | 0.6 | 0.066 | 10 | 20.7 | 0.68 | 121.2 | 0.15 | 1 | 1.41 | 0.032 | 0.12 | 0.3 | 0.11 | 22 | 0.3 | | | 4.5 | 0.01 |
| MH99S-058 | 0.56 | 31.47 | 5.1 | 76.1 | 83 | 46.4 | 20.7 | 1389 | 3.81 | 3.9 | 1.2 | 3.8 | 3.5 | 51.9 | 0.17 | 0.26 | 0.09 | 106 | 0.84 | 0.081 | 10.8 | 46.1 | 1.19 | 430.4 | 0.237 | 2.29 | 0.042 | 0.37 | | 0.22 | 45 | 0.5 | 0.04 | | 7.8 | 0.02 | |
| MH99S-059 | 0.35 | 14 | 3.4 | 61 | 19 | 12.5 | 13.5 | 514 | 3.26 | 3.1 | 0.8 | 2.9 | 3.2 | 29.2 | 0.07 | 0.17 | 0.1 | 101 | 0.77 | 0.156 | 9 | 23.6 | 0.92 | 253.4 | 0.184 | 1 | 1.77 | 0.038 | 0.31 | 0.2 | 0.13 | 16 | | 0.02 | | 6.4 | 0.01 |
| MH99S-060 | 0.22 | 14.15 | 5.46 | 59.4 | 40 | 15.2 | 9.3 | 274 | 2.35 | 4.5 | 0.5 | 4.8 | 2.4 | 39.6 | 0.1 | 0.33 | 0.14 | 71 | 0.78 | 0.076 | 8.1 | 29.6 | 0.7 | 146.3 | 0.149 | 2 | 1.5 | 0.043 | 0.06 | 0.7 | 0.04 | 27 | | 0.02 | | 4.8 | 0.02 |
| MH99S-061 | 0.36 | 14.76 | 5.71 | 62.7 | 53 | 17.6 | 12.8 | 458 | 3.23 | 28.5 | 1.3 | 13.8 | 4.6 | 41 | 0.11 | 0.39 | 0.13 | 88 | 0.76 | 0.091 | 10.8 | 31.3 | 1.04 | 163.9 | 0.199 | 1 | 1.76 | 0.035 | 0.23 | 0.5 | 0.16 | 12 | | | 6 | 0.02 | |
| MH99S-062 | 0.6 | 15.24 | 16.75 | 74.7 | 155 | 10.1 | 12.6 | 524 | 3.15 | 187 | 10.6 | 18.3 | 9.5 | 34.1 | 0.24 | 2.86 | 0.16 | 90 | 0.53 | 0.095 | 15.6 | 22.4 | 0.89 | 181.1 | 0.176 | 1 | 1.7 | 0.019 | 0.33 | 0.3 | 0.24 | 22 | | 0.02 | | 6 | |
| MH99S-200 | 0.33 | 13.04 | 3.94 | 51.7 | 28 | 12.8 | 12.3 | 387 | 2.92 | 1.9 | 1 | 7.1 | 2.7 | 34.7 | 0.07 | 0.16 | 0.18 | 82 | 0.78 | 0.17 | 8.8 | 17.6 | 0.85 | 217 | 0.192 | 1.65 | 0.038 | 0.29 | 1 | 0.17 | 22 | 0.3 | 0.02 | | 5.8 | | |
| MH99S-201 | 0.39 | 11.42 | 4.11 | 53.4 | 34 | 13.6 | 10.4 | 488 | 2.75 | 4.6 | 2.5 | 11.8 | 7.4 | 31.5 | 0.1 | 0.43 | 0.11 | 75 | 0.62 | 0.095 | 11.2 | 21.2 | 0.65 | 172.3 | 0.157 | 1.38 | 0.029 | 0.15 | 0.8 | 0.12 | 27 | 0.3 | | | 4.8 | 0.01 | |
| MH99S-202 | 0.47 | 15.83 | 4.5 | 64 | 45 | 18.5 | 13 | 423 | 3.07 | 2.3 | 0.9 | 4.1 | 3.1 | 33.8 | 0.1 | 0.2 | 0.09 | 88 | 0.72 | 0.102 | 10.1 | 30.1 | 0.92 | 186 | 0.202 | 1.78 | 0.035 | 0.23 | 0.4 | 0.16 | 28 | 0.4 | 0.02 | | 6.4 | 0.01 | |
| MH99S-203 | 0.43 | 15.05 | 4.68 | 59.8 | 33 | 15.9 | 12 | 547 | 2.92 | 5.2 | 2 | 1.6 | 4.9 | 35 | 0.11 | 0.47 | 0.12 | 79 | 0.65 | 0.089 | 10.9 | 22.9 | 0.75 | 198.1 | 0.18 | 1 | 1.57 | 0.034 | 0.18 | 0.4 | 0.15 | 18 | 0.3 | 0.02 | | 5.5 | 0.01 |
| MH99S-204 | 0.73 | 10.95 | 11.76 | 50.6 | 51 | 11.8 | 9.7 | 415 | 2.64 | 45.9 | 1.5 | 2.5 | 7.2 | 22 | 0.14 | 0.48 | 0.09 | 74 | 0.38 | 0.058 | 16.1 | 17.4 | 0.62 | 139.7 | 0.16 | 1 | 1.37 | 0.021 | 0.16 | | 0.19 | 26 | 0.4 | 0.02 | | 5.6 | 0.01 |
| MH99S-205 | 0.66 | 12.83 | 6.06 | 56.3 | 50 | 14.7 | 10.4 | 487 | 2.59 | 17.5 | 1.8 | 3 | 3.1 | 32 | 0.15 | 0.51 | 0.07 | 71 | 0.52 | 0.063 | 10.6 | 19.4 | 0.7 | 193.9 | 0.162 | 1.64 | 0.027 | 0.12 | | 0.13 | 36 | 0.3 | 0.02 | | 5.7 | 0.01 | |

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | P (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|----------|-------------|-------------|-----------|-------------|-----------|------------|-----------|-----------|----------|------------|-------------|-------------|-------------|-------------|-------------|----------|
| MH99S-206 | 0.42 | 15.38 | 16.87 | 90 | 284 | 11.2 | 15.7 | 769 | 3.56 | 22 | 0.8 | 11.9 | 4.9 | 37.1 | 0.35 | 0.32 | 92 | 0.77 | 0.056 | 17.2 | 14.8 | 0.81 | 269 | 0.112 | 1 | 1.59 | 0.032 | 0.1 | 1.6 | 0.09 | 36 | 0.3 | 0.08 | 5.9 | 0.02 | |
| MH99S-207 | 0.28 | 16.9 | 5.47 | 51.2 | 38 | 19 | 10.6 | 2084 | 2.49 | 35.8 | 3.6 | 4.1 | 5.3 | 130.1 | 0.11 | 0.35 | 0.23 | 71 | 1.51 | 0.084 | 14 | 32.6 | 0.64 | 142.6 | 0.138 | 2 | 1.33 | 0.048 | 0.11 | 0.3 | 0.07 | 30 | 0.04 | 4.4 | 0.07 | |
| MH99S-208 | 0.48 | 10.41 | 6.9 | 55.7 | 60 | 11.4 | 10.3 | 525 | 2.28 | 54.2 | 1.7 | 4.3 | 5.2 | 29.2 | 0.13 | 0.41 | 0.18 | 59 | 0.46 | 0.063 | 12 | 22.9 | 0.6 | 137.2 | 0.124 | 1 | 1.29 | 0.021 | 0.16 | 0.4 | 0.14 | 24 | | 4.4 | 0.02 | |
| MH99S-209 | 0.46 | 8.34 | 7.95 | 53.4 | 75 | 9.9 | 9.4 | 505 | 2.36 | 75 | 1.5 | 3.8 | 4.6 | 21.5 | 0.11 | 0.49 | 0.21 | 55 | 0.37 | 0.062 | 11.6 | 13.7 | 0.59 | 145.9 | 0.136 | | 1.39 | 0.017 | 0.2 | 0.4 | 0.18 | 26 | 0.3 | 0.02 | 4.9 | 0.01 |
| MH99S-210 | 0.25 | 15.4 | 5.02 | 53.2 | 35 | 16.4 | 9.5 | 307 | 2.3 | 11.1 | 0.7 | 3.9 | 3.2 | 41.2 | 0.08 | 0.32 | 0.32 | 67 | 0.72 | 0.067 | 10.3 | 26.9 | 0.63 | 120.3 | 0.141 | 2 | 1.38 | 0.039 | 0.07 | 0.4 | 0.07 | 24 | 0.1 | | | |
| MH99S-211 | 0.4 | 20.08 | 4.07 | 59 | 36 | 22.5 | 11.5 | 382 | 2.73 | 3.6 | 0.8 | 3.5 | 2.6 | 42 | 0.06 | 0.3 | 0.1 | 82 | 0.83 | 0.091 | 8.8 | 32 | 0.81 | 215.1 | 0.174 | 2 | 1.57 | 0.045 | 0.19 | 0.3 | 0.1 | 33 | 0.02 | 5 | 0.02 | |
| MH99S-212 | 0.45 | 9.9 | 5.19 | 47.6 | 26 | 12.7 | 8.5 | 395 | 3.07 | 23.8 | 1.7 | 5.7 | 12.1 | 23.7 | 0.1 | 0.86 | 0.06 | 82 | 0.57 | 0.116 | 21.1 | 18.8 | 0.57 | 121 | 0.132 | | 1.12 | 0.026 | 0.16 | 0.3 | 0.13 | 17 | | 4.5 | | |
| MH99S-213 | 0.33 | 17.92 | 4.92 | 53.4 | 45 | 20.2 | 10.4 | 396 | 2.62 | 14.3 | 1.6 | 5.9 | 2.7 | 46.2 | 0.13 | 0.39 | 0.09 | 78 | 0.8 | 0.066 | 8.9 | 26.4 | 0.67 | 114 | 0.143 | | 1.33 | 0.044 | 0.08 | 0.2 | 0.06 | 24 | 0.2 | 0.02 | 4.2 | 0.01 |
| MH99S-214 | 0.49 | 13.5 | 10.32 | 54.2 | 64 | 13.7 | 10.3 | 727 | 3.14 | 90.1 | 2.4 | 4 | 9.9 | 30 | 0.2 | 0.79 | 0.17 | 89 | 0.61 | 0.097 | 15.5 | 18.6 | 0.66 | 145.1 | 0.127 | 3 | 1.17 | 0.025 | 0.19 | 0.5 | 0.16 | 11 | 1.1 | 0.03 | 4.6 | |
| MH99S-215 | 0.52 | 12.14 | 9.49 | 61.2 | 64 | 10.4 | 10.7 | 488 | 2.72 | 69.8 | 5.6 | 0.7 | 6.1 | 33.4 | 0.17 | 1.02 | 0.14 | 71 | 0.52 | 0.066 | 12 | 18.2 | 0.75 | 155.5 | 0.147 | 2 | 1.48 | 0.02 | 0.2 | 0.2 | 0.18 | 16 | 1 | 0.03 | 5.3 | 0.01 |
| MH99S-216 | 0.47 | 10.08 | 10.11 | 53.2 | 83 | 11.1 | 10.5 | 476 | 4.22 | 67.7 | 3.7 | 229.5 | 11.1 | 24.4 | 0.12 | 0.96 | 0.25 | 122 | 0.56 | 0.114 | 16.7 | 21.3 | 0.65 | 121.3 | 0.128 | 1 | 1.11 | 0.017 | 0.2 | 0.7 | 0.16 | 8 | 0.5 | 0.03 | 5 | 0.01 |
| MH99S-217 | 0.52 | 9.5 | 5.47 | 45.9 | 42 | 10.8 | 7.7 | 440 | 3.16 | 25 | 1.9 | 69.4 | 13.9 | 19.8 | 0.1 | 0.85 | 0.06 | 84 | 0.53 | 0.116 | 22.2 | 15.5 | 0.52 | 116.7 | 0.117 | 2 | 0.96 | 0.019 | 0.18 | 0.3 | 0.13 | 16 | 0.1 | | 4.3 | 0.01 |
| MH99S-386 | 0.76 | 13.06 | 8.17 | 58.3 | 71 | 14.6 | 12.3 | 971 | 2.67 | 21.1 | 1.7 | 40.9 | 5 | 28 | 0.19 | 0.9 | 0.1 | 78 | 0.45 | 0.058 | 11.6 | 22.7 | 0.6 | 172.3 | 0.144 | 2 | 1.5 | 0.02 | 0.1 | 0.4 | 0.14 | 26 | 0.7 | 0.03 | 5.8 | 0.03 |
| MH99S-387 | 0.89 | 15.99 | 10.7 | 75.8 | 77 | 12.3 | 18.8 | 1791 | 3.46 | 19.4 | 1.6 | 3.1 | 8.8 | 44.7 | 0.19 | 1.55 | 0.15 | 89 | 0.58 | 0.066 | 27.2 | 21.2 | 0.67 | 356.4 | 0.063 | 1 | 1.78 | 0.015 | 0.11 | | 0.17 | 40 | | 0.03 | 6.7 | 0.04 |
| MH99S-388 | 0.71 | 12.8 | 7.74 | 66.8 | 100 | 15.4 | 11.2 | 704 | 3.05 | 23.3 | 1.8 | 675.2 | 6.3 | 30.8 | 0.15 | 1.1 | 0.14 | 89 | 0.52 | 0.066 | 14.7 | 26.9 | 0.72 | 200.4 | 0.167 | | 1.6 | 0.024 | 0.13 | 0.6 | 0.19 | 24 | | 0.09 | 6.2 | 0.01 |
| MH99S-389 | 0.43 | 12.48 | 5.96 | 59.6 | 47 | 16.9 | 10.1 | 605 | 3.02 | 10 | 1.6 | 79.5 | 6.6 | 39 | 0.15 | 1.82 | 0.09 | 96 | 0.7 | 0.077 | 17.1 | 28 | 0.66 | 147.4 | 0.163 | 1 | 1.48 | 0.032 | 0.08 | 0.4 | 0.08 | 29 | | 0.04 | 5.2 | 0.02 |
| MH99S-390 | 0.56 | 11 | 5.88 | 64.5 | 35 | 12.2 | 10.3 | 557 | 3.46 | 24.5 | 1.2 | 17.6 | 7.3 | 30.4 | 0.1 | 3.13 | 0.15 | 108 | 0.58 | 0.082 | 19 | 23.7 | 0.67 | 159.1 | 0.151 | 3 | 1.5 | 0.023 | 0.13 | 0.3 | 0.12 | 25 | | 0.02 | 5.8 | |
| MH99S-391 | 0.24 | 10.47 | 5.24 | 49.7 | 27 | 14.1 | 8.3 | 402 | 2.71 | 9 | 1.4 | 1.8 | 4.9 | 30.4 | 0.04 | 0.88 | 0.13 | 80 | 0.59 | 0.069 | 13.6 | 24.9 | 0.62 | 119.1 | 0.138 | | 1.3 | 0.029 | 0.07 | 0.9 | 0.1 | 21 | | 0.03 | 4.4 | 0.01 |
| MH99S-392 | 0.4 | 11.46 | 4.73 | 64 | 31 | 15.3 | 10.1 | 682 | 2.92 | 7.9 | 0.8 | 4 | 5.9 | 34.1 | 0.13 | 1.06 | 0.09 | 86 | 0.67 | 0.071 | 14.7 | 24.1 | 0.71 | 114.9 | 0.146 | 1 | 1.44 | 0.033 | 0.07 | 0.4 | 0.07 | 32 | | 0.05 | 4.9 | |
| MH99S-393 | 0.58 | 12.21 | 4.38 | 63.1 | 24 | 20.1 | 10.1 | 528 | 2.85 | 4.7 | 3.2 | 3.6 | 10.6 | 28.6 | 0.11 | 0.33 | 0.2 | 81 | 0.68 | 0.141 | 14.6 | 34.2 | 0.79 | 209.7 | 0.174 | 1 | 1.47 | 0.027 | 0.21 | 0.4 | 0.21 | 21 | 0.1 | 0.02 | 5.7 | |
| MH99S-394 | 0.59 | 9.28 | 5.92 | 56 | 35 | 10.9 | 9.1 | 606 | 2.81 | 4.7 | 2.1 | 5.9 | 9.3 | 32.9 | 0.11 | 0.38 | 0.13 | 81 | 0.58 | 0.067 | 17.7 | 21 | 0.49 | 143.4 | 0.115 | 1 | 1.19 | 0.021 | 0.07 | 0.2 | 0.07 | 28 | | 0.03 | 4.6 | 0.01 |
| MH99S-395 | 0.41 | 12.51 | 3.29 | 55 | 31 | 13.1 | 10.3 | 414 | 2.82 | 1.8 | 0.9 | 2.1 | 1.8 | 26 | 0.08 | 0.11 | 0.17 | 82 | 0.62 | 0.125 | 6.9 | 20.2 | 0.9 | 244.2 | 0.233 | | 1.62 | 0.03 | 0.31 | 1.1 | 0.26 | 12 | | 0.02 | 5.6 | 0.01 |
| MH99S-396 | 0.53 | 14.93 | 4.78 | 59.6 | 38 | 19.3 | 10.7 | 560 | 2.71 | 4.1 | 2.7 | 3 | 5.9 | 33.4 | 0.14 | 0.29 | 0.15 | 82 | 0.66 | 0.097 | 9.7 | 28.3 | 0.74 | 203.9 | 0.178 | 3 | 1.5 | 0.032 | 0.18 | 0.8 | 0.16 | 18 | 0.4 | 0.03 | 5.7 | 0.03 |
| MH99S-397 | 0.5 | 13.32 | 6.36 | 58.8 | 52 | 16.4 | 11 | 784 | 2.58 | 11.3 | 1 | 45.7 | 8.5 | 42.3 | 0.21 | 0.59 | 0.09 | 77 | 0.68 | 0.058 | 18.6 | 24.7 | 0.6 | 167 | 0.134 | 1 | 1.42 | 0.03 | 0.07 | 0.2 | 0.06 | 29 | 1 | 0.02 | 4.9 | 0.03 |
| MH99S-398 | 0.42 | 21.23 | 5.44 | 56.6 | 44 | 23.8 | 10.7 | 435 | 2.78 | 5.9 | 0.6 | 9.4 | 3.7 | 46 | 0.14 | 0.46 | 0.1 | 93 | 0.93 | 0.07 | 9.1 | 31.1 | 0.75 | 136.7 | 0.159 | 3 | 1.42 | 0.05 | 0.07 | 0.3 | 0.04 | 38 | 1.1 | 0.04 | 4.7 | 0.03 |
| MH99S-399 | 0.41 | 17.18 | 7.3 | 57.4 | 48 | 18.8 | 10.3 | 442 | 2.6 | 5.2 | 1 | 3.2 | 4.9 | 39.6 | 0.14 | 0.64 | 0.11 | 83 | 0.82 | 0.068 | 11.9 | 29.2 | 0.65 | 135.4 | 0.168 | 3 | 1.51 | 0.042 | 0.07 | 0.3 | 0.05 | 29 | 1.1 | 0.03 | 5 | 0.04 |

Appendix IV

Soil Sample Dot Plots



Gold in Soils Geochemistry (ppb)

- < mean (< 10.46 ppb)
- ◉ mean to 1 S.D. (10.46 - 49.54 ppb)
- ◐ 1 to 2 S.D. (49.55 - 88.58 ppb)
- > 2 S.D. (> 88.58 ppb)

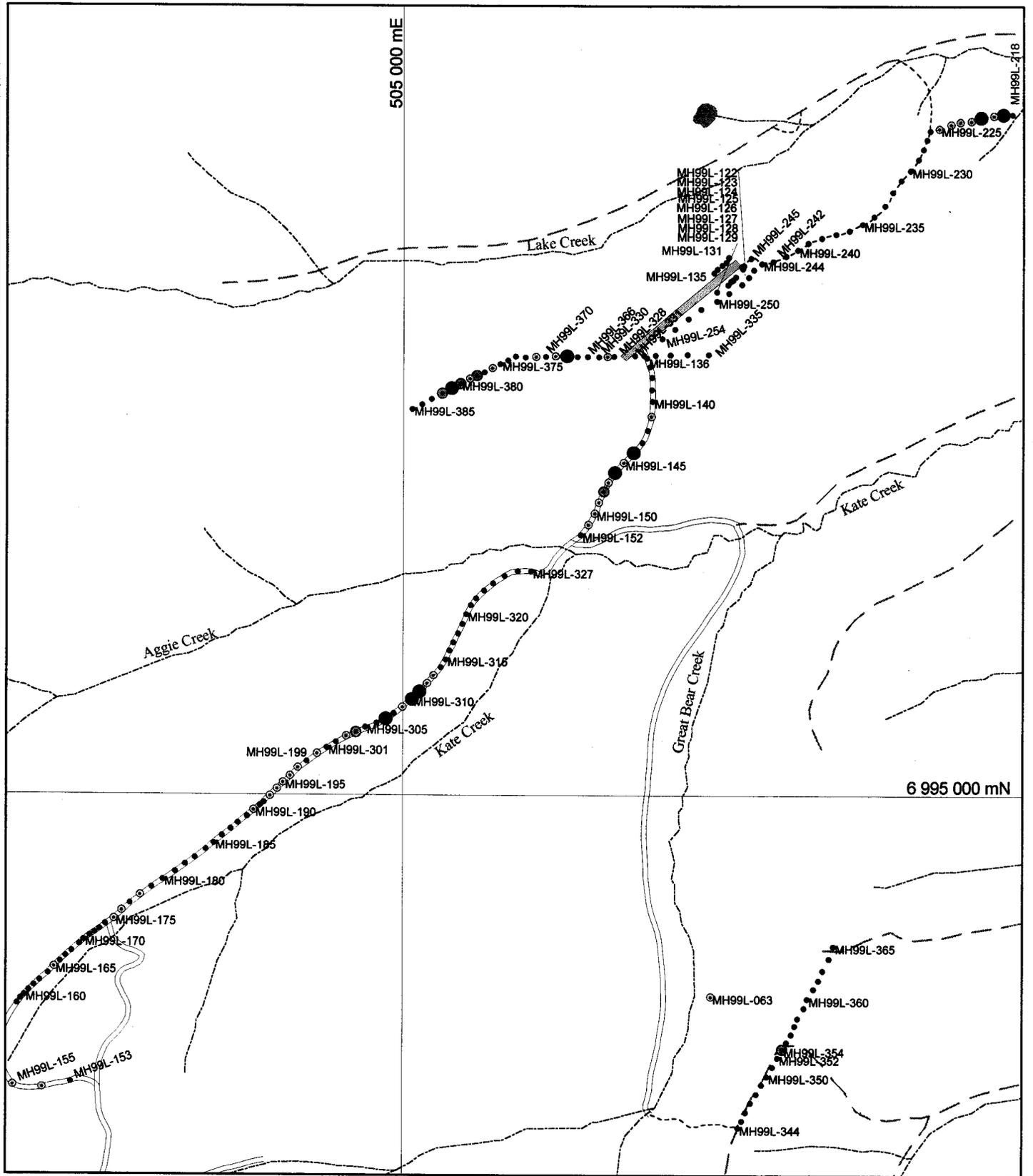


1:25000



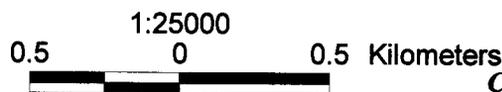
S.D. = Standard Deviation

TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Soil Sample Dot Plot
Gold Geochemistry (ppb)

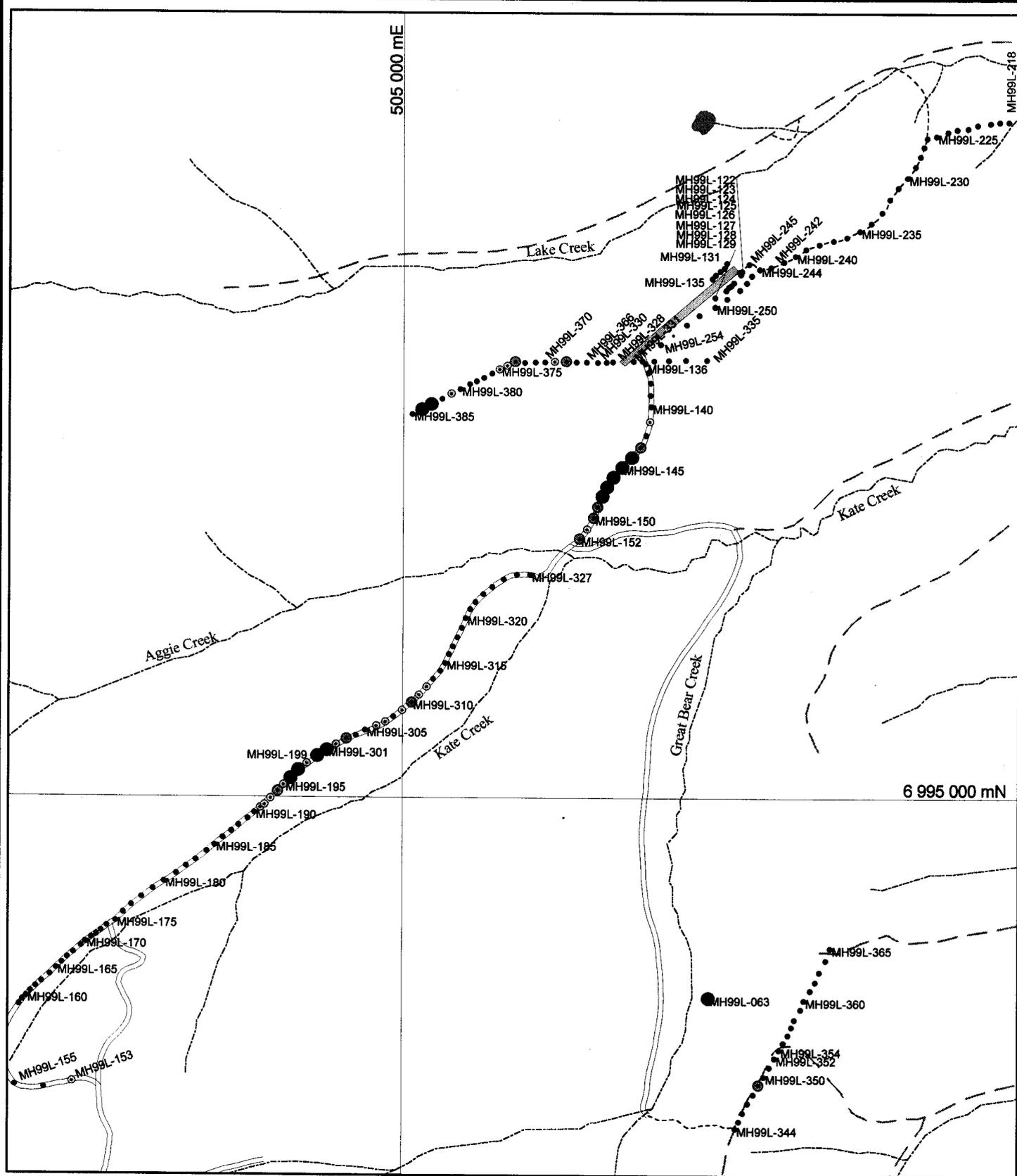


Silver in Soils Geochemistry (ppb)

- < mean (< 112.4 ppb)
- ◉ mean to 1 S.D. (112.4 - 261.5 ppb)
- ◐ 1 to 2 S.D. (261.6 - 410.5 ppb)
- > 2 S.D. (> 410.5 ppb)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Soil Sample Dot Plot
Silver Geochemistry (ppb)



Arsenic in Soils Geochemistry (ppm)

- < mean (< 61 ppm)
- ⊙ mean to 1 S.D. (61 - 170 ppm)
- ⊗ 1 to 2 S.D. (170 - 279 ppm)
- > 2 S.D. (> 279 ppm)



1:25000

0.5 0 0.5 Kilometers

S.D. = Standard Deviation

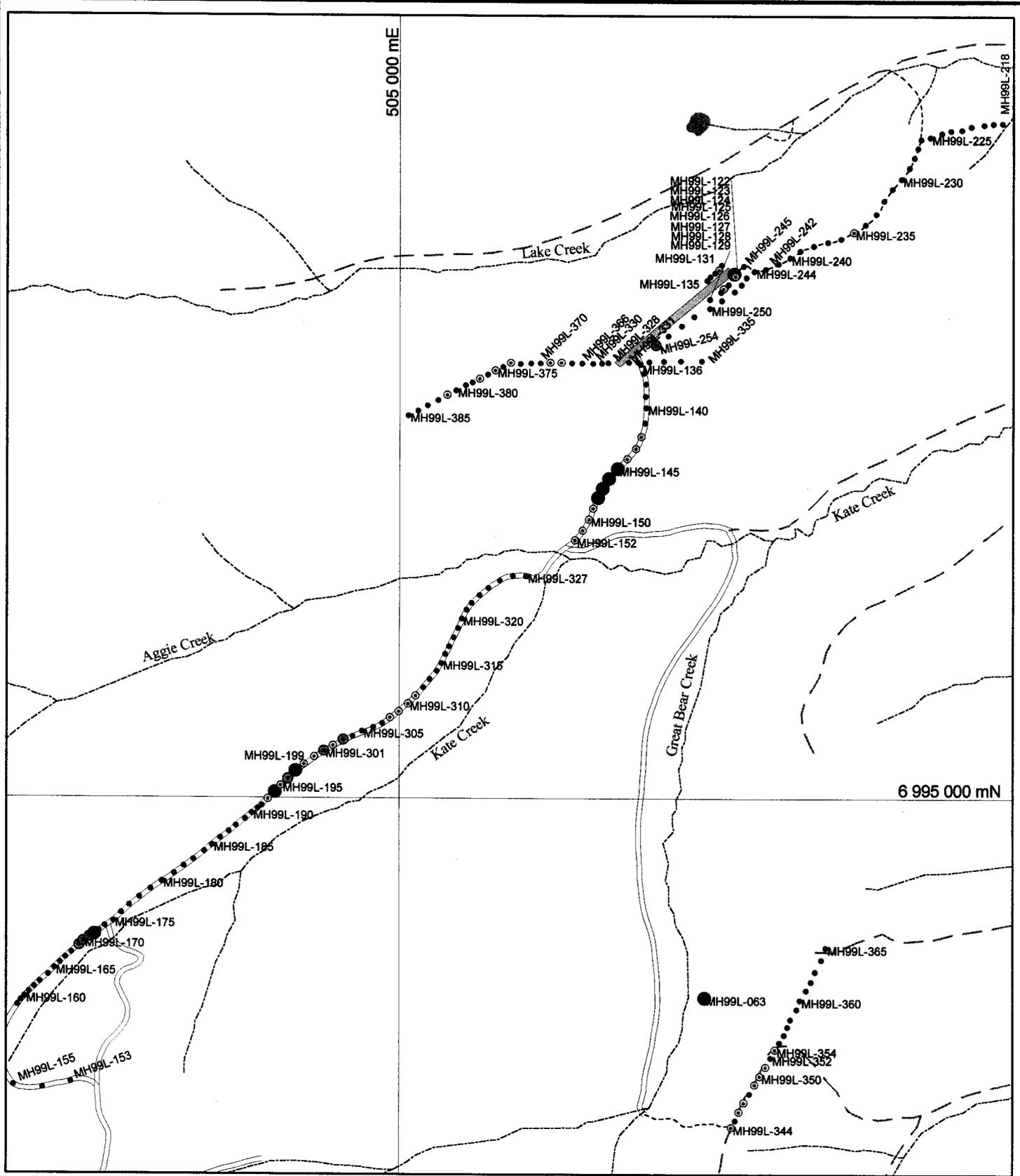


TROYMIN RESOURCES Ltd.

MOOSEHORN PROPERTY

Soil Sample Dot Plot

Arsenic Geochemistry (ppm)



Antimony in Soils Geochemistry (ppm)

- < mean (< 0.75 ppm)
- ◉ mean to 1 S.D. (0.75 - 1.54 ppm)
- ⊙ 1 to 2 S.D. (1.55 - 2.33 ppm)
- > 2 S.D. (> 2.33 ppm)



1:25000

0.5 0 0.5 Kilometers

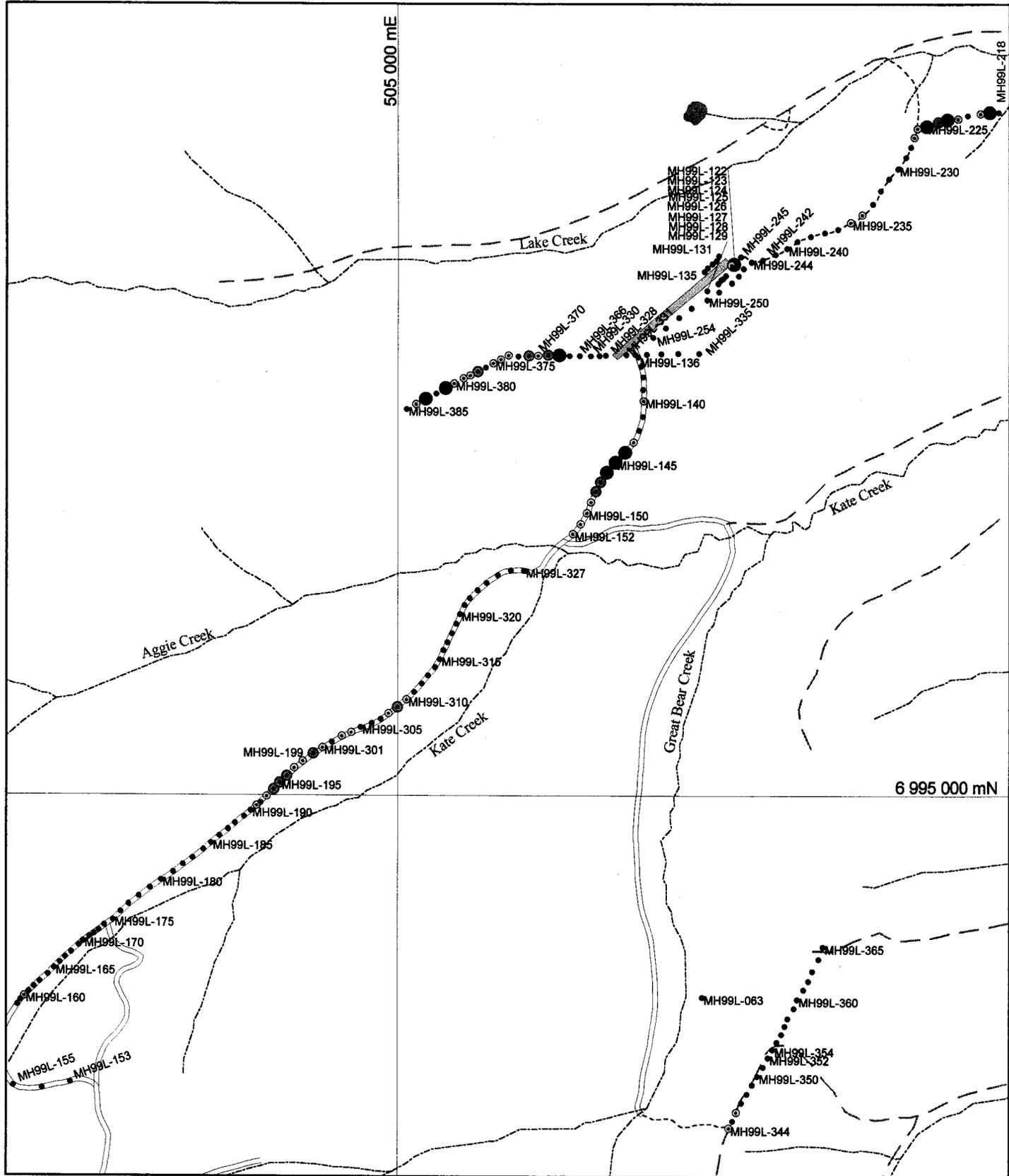
S.D. = Standard Deviation

TROYMIN RESOURCES Ltd.

MOOSEHORN PROPERTY

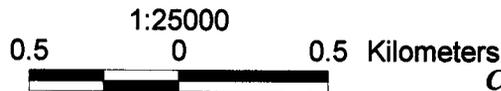
Soil Sample Dot Plot

Antimony Geochemistry (ppm)

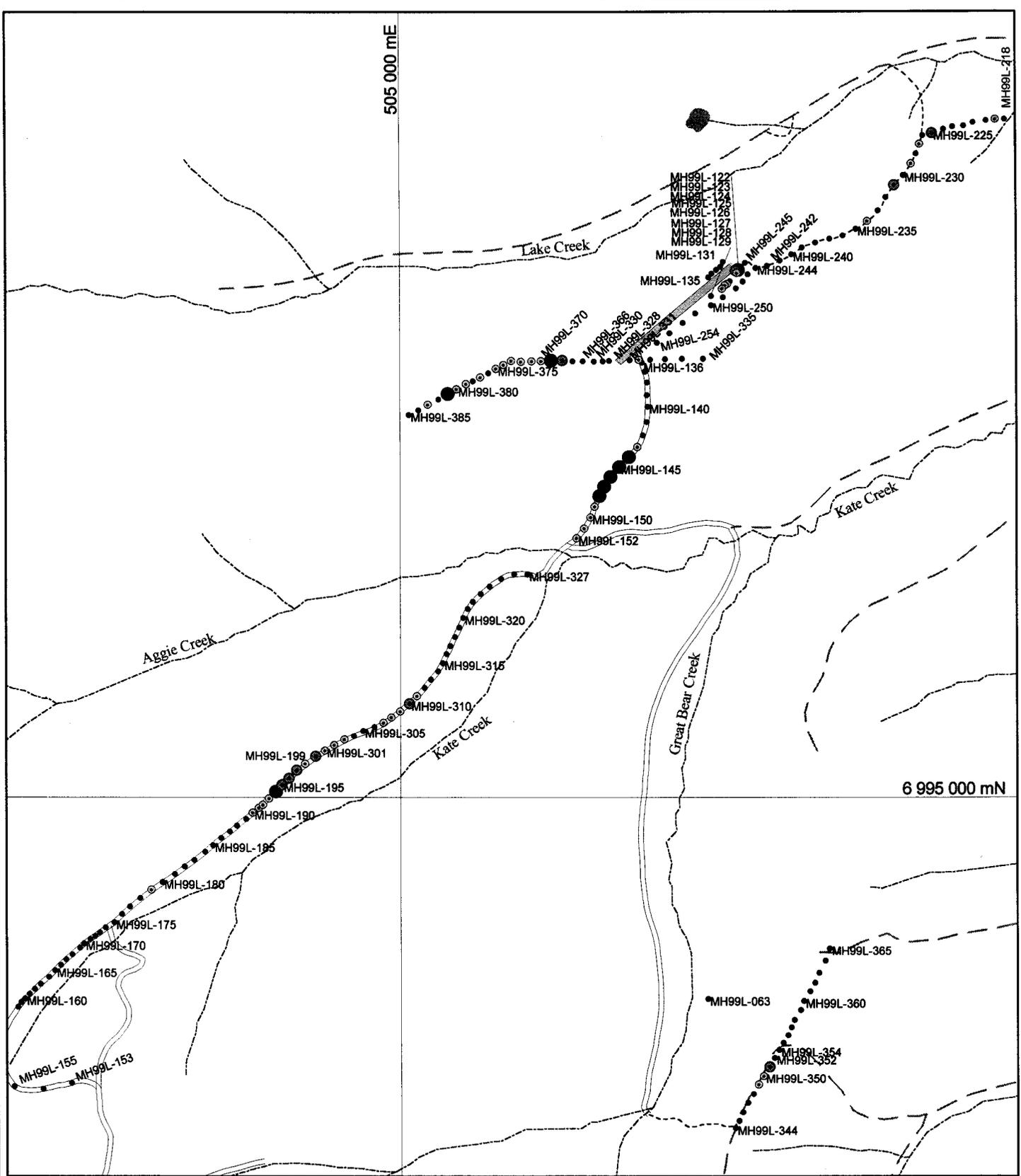


Bismuth in Soils Geochemistry (ppm)

- < mean (< 0.23 ppm)
- ◉ mean to 1 S.D. (0.23 - 0.39 ppm)
- ◐ 1 to 2 S.D. (0.40 - 0.56 ppm)
- > 2 S.D. (> 0.56 ppm)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Soil Sample Dot Plot
Bismuth Geochemistry (ppm)



Lead in Soils Geochemistry (ppm)

- < mean (< 12.3 ppm)
- ◉ mean to 1 S.D. (12.3 - 21.1 ppm)
- 1 to 2 S.D. (21.2 - 29.9 ppm)
- > 2 S.D. (> 29.9 ppm)



1:25000

0.5 0 0.5 Kilometers

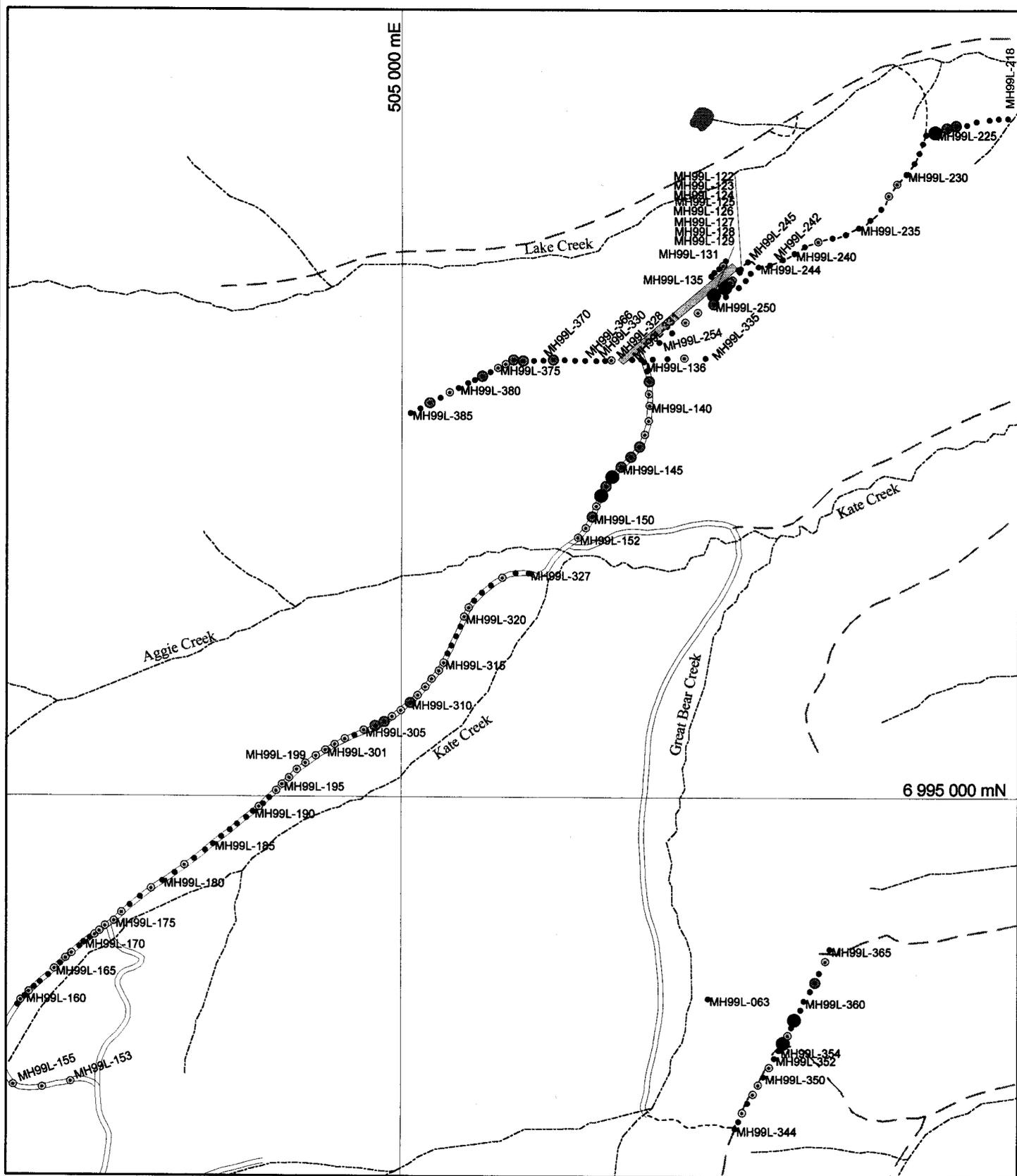
S.D. = Standard Deviation

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MOOSEHORN PROPERTY

Soil Sample Dot Plot

Lead Geochemistry (ppm)



Zinc in Soils Geochemistry (ppm)

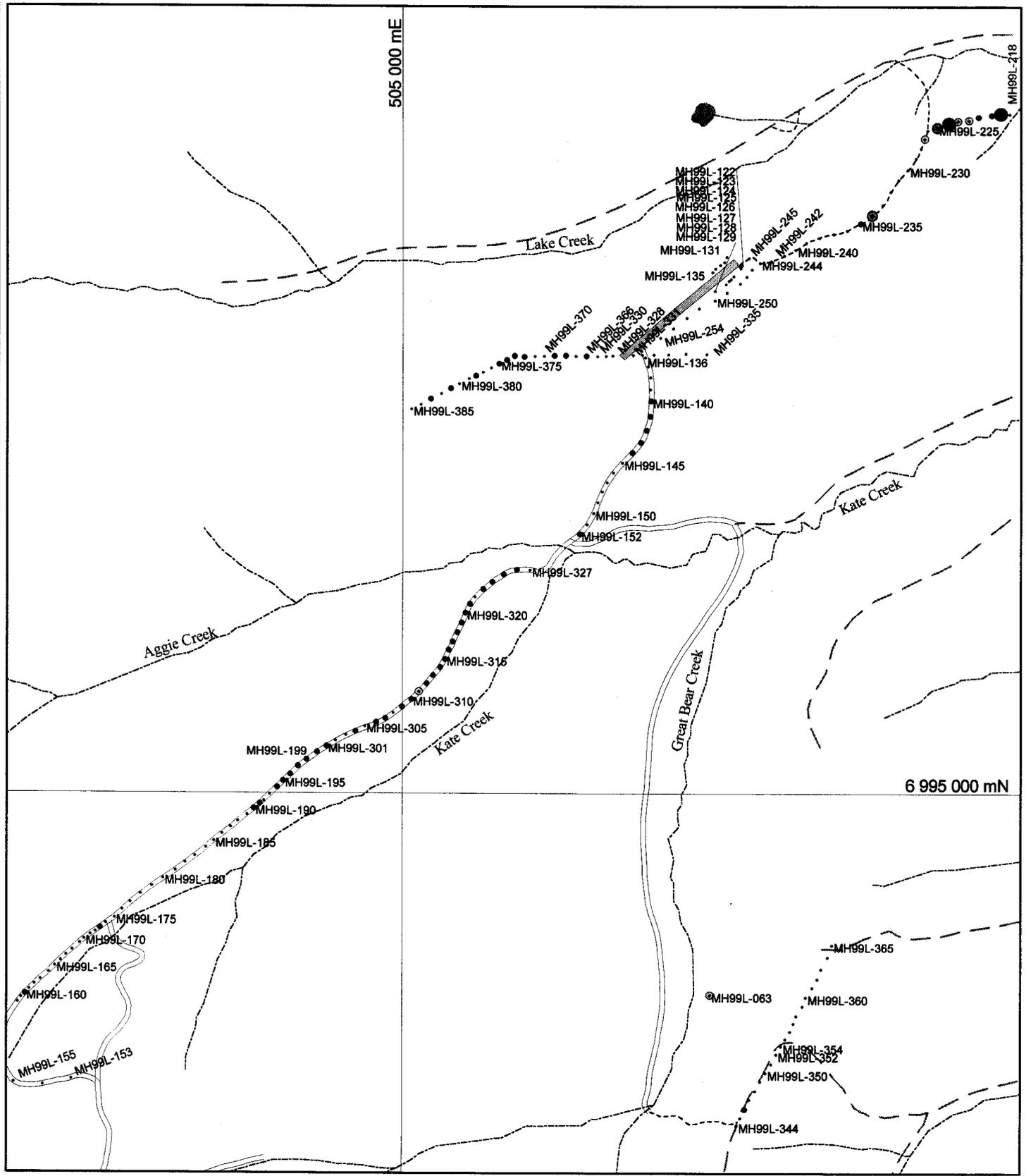
- < mean (< 55.9 ppm)
- ◉ mean to 1 S.D. (55.9 - 71.9 ppm)
- ◐ 1 to 2 S.D. (72.0 - 88.0 ppm)
- > 2 S.D. (> 88.0 ppm)



1:25000
0.5 0 0.5 Kilometers

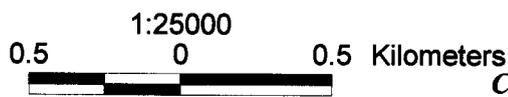
S.D. = Standard Deviation

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MOOSEHORN PROPERTY
Soil Sample Dot Plot
Zinc Geochemistry (ppm)



Tungsten in Soils Geochemistry (ppm)

- < mean (< 0.4 ppm)
- ⊙ mean to 1 S.D. (0.4 to 0.6 ppm)
- ⊙ 1 to 2 S.D. (0.7 - 1.0 ppm)
- > 2 S.D. (> 1.0 ppm)

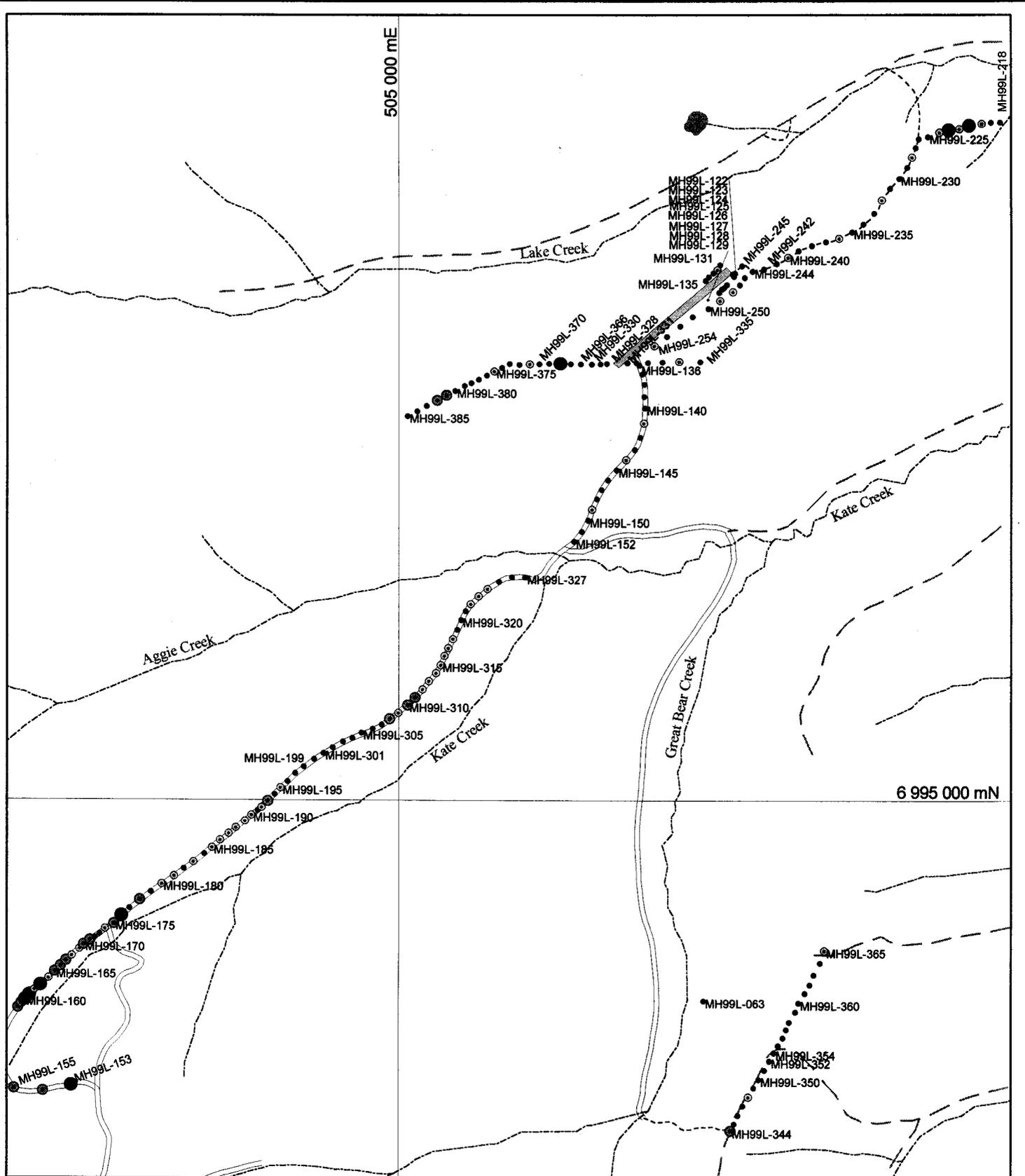


TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY

Soil Sample Dot Plot

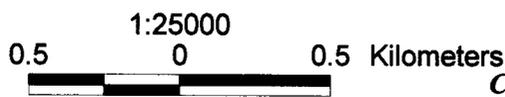
Tungsten Geochemistry (ppm)

S.D. = Standard Deviation



Mercury in Soils Geochemistry (ppb)

- < mean (< 28 ppb)
- ◉ mean to 1 S.D. (28 - 41 ppb)
- ◐ 1 to 2 S.D. (42 - 56 ppb)
- > 2 S.D. (> 56 ppb)



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Soil Sample Dot Plot
Mercury Geochemistry (ppb)

MOOSEHORN PROPERTY - Soil Sample Geochemistry

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|----------|---------|----------|----------|----------|----------|----------|----------|---------|--------|----------|----------|--------|----------|--------|---------|--------|--------|-------|---------|----------|----------|----------|----------|----------|-------|--|--|--|
| MH99L-122 | 0.3 | 10.4 | 74.3 | 44.7 | 14 | 6.7 | 5.1 | 465 | 2 | 3.9 | 1.2 | 1.5 | 19.5 | 20.1 | 0.03 | 0.41 | 1.06 | 22 | 0.28 | 42.2 | 9.1 | 1.21 | 79.6 | 0.101 | 1 | 1.48 | 0.01 | 0.38 | 0.39 | 12 | 0.04 | 5.3 | | | | | | |
| MH99L-123 | 0.5 | 29.5 | 21.6 | 54.6 | 31 | 6.7 | 8.5 | 517 | 2.74 | 2.7 | 1.8 | 1.9 | 29.4 | 17.6 | 0.06 | 7.58 | 0.28 | 14 | 0.3 | 49.8 | 3.2 | 0.56 | 112.8 | 0.034 | 2 | 1.49 | 0.35 | 0.31 | 18 | 0.02 | 4.5 | | | | | | | |
| MH99L-124 | 0.5 | 20.4 | 12.8 | 43.6 | 21 | 16.2 | 7.9 | 597 | 2.41 | 4 | 1.7 | 1.7 | 14.7 | 25.6 | 0.04 | 1.33 | 0.11 | 44 | 0.32 | 27.1 | 20 | 0.5 | 123.4 | 0.074 | 1 | 1.32 | 0.02 | 0.15 | 0.17 | 26 | 0.02 | 3.6 | | | | | | |
| MH99L-125 | 0.6 | 17.4 | 8.4 | 59.9 | 17 | 16.7 | 10.2 | 467 | 2.97 | 8.1 | 1.3 | 1.4 | 12.5 | 23.9 | 0.06 | 0.38 | 0.08 | 61 | 0.32 | 29.6 | 25.8 | 1.08 | 182.8 | 0.146 | 1 | 2.01 | 0.03 | 0.35 | 0.27 | 12 | | 6.5 | | | | | | |
| MH99L-126 | 0.3 | 18.4 | 12.4 | 73 | 19 | 21.7 | 23.6 | 1148 | 5.69 | 2.3 | 1.1 | 1 | 6.9 | 32.8 | 0.03 | 0.59 | 0.07 | 115 | 0.58 | 36.5 | 142 | 2.01 | 393.2 | 0.077 | | 2.9 | 0.01 | 0.3 | 0.21 | 23 | 0.02 | 9 | | | | | | |
| MH99L-127 | 1.1 | 19.6 | 14.6 | 50.6 | 46 | 19.9 | 12.5 | 495 | 3.32 | 4.6 | 1.8 | 2.2 | 12.4 | 28.7 | 0.04 | 0.97 | 0.19 | 50 | 0.38 | 27.1 | 23.5 | 0.34 | 147.7 | 0.021 | | 1.11 | 0.01 | 0.19 | 0.14 | 18 | 0.1 | 0.04 | 3.3 | | | | | |
| MH99L-128 | 2.2 | 39.7 | 14 | 105.4 | 71 | 114.5 | 41.3 | 2092 | 7.02 | 3 | 1.8 | 1.1 | 7.2 | 22.9 | 0.09 | 0.46 | 0.07 | 208 | 0.47 | 17.7 | 227.6 | 3.36 | 406.6 | 0.137 | | 3.13 | 0.01 | 0.86 | 0.26 | 27 | | 11 | | | | | | |
| MH99L-129 | 0.1 | 15.3 | 2.8 | 100.4 | 2 | 9.8 | 21 | 1036 | 5.84 | 5.9 | 0.6 | 0.2 | 8.2 | 31.3 | 0.03 | 0.19 | 0.03 | 201 | 0.87 | 18.5 | 12.7 | 3.52 | 505.8 | 0.378 | | 3.79 | 0.02 | 1.55 | 0.53 | 0.1 | 14.3 | | | | | | | |
| MH99L-131 | 0.6 | 21.4 | 9.2 | 46.5 | 21 | 21.9 | 10 | 348 | 2.87 | 6.1 | 0.7 | 2.6 | 7.1 | 27.8 | 0.06 | 0.63 | 0.12 | 80 | 0.33 | 17.1 | 36.2 | 0.66 | 156 | 0.14 | 1 | 2.2 | 0.03 | 0.09 | 0.11 | 16 | 0.4 | 0.03 | 6.2 | | | | | |
| MH99L-132 | 13.6 | 27.8 | 11.6 | 58.3 | 25 | 33.8 | 14.9 | 352 | 3.46 | 8.5 | 0.9 | 0.3 | 6.6 | 24.5 | 0.1 | 0.79 | 0.19 | 87 | 0.25 | 10.1 | 41.4 | 0.73 | 201.1 | 0.16 | 2 | 3.21 | 0.03 | 0.09 | 0.18 | 30 | 0.4 | 0.06 | 6.1 | | | | | |
| MH99L-133 | 0.5 | 19.8 | 8.5 | 42.4 | 9 | 20.3 | 9 | 270 | 2.64 | 5.8 | 0.5 | 3.1 | 4.7 | 17.4 | 0.05 | 0.36 | 0.12 | 72 | 0.23 | 8.9 | 33.6 | 0.67 | 133.4 | 0.13 | 1 | 1.99 | 0.02 | 0.05 | 0.09 | 14 | 0.3 | 0.03 | 5.5 | | | | | |
| MH99L-134 | 0.9 | 14.2 | 8.8 | 33 | 5 | 9.6 | 3.9 | 133 | 2.64 | 5.7 | 0.4 | 1.9 | 3.7 | 10.9 | 0.06 | 0.45 | 0.16 | 85 | 0.11 | 6.1 | 18.4 | 0.24 | 62.4 | 0.088 | 1 | 1.62 | 0.02 | 0.06 | 0.08 | 17 | 0.2 | 0.04 | 7.7 | | | | | |
| MH99L-135 | 0.8 | 16.3 | 11.6 | 46.1 | 8 | 24.9 | 18 | 378 | 2.92 | 6.9 | 0.6 | 1.1 | 6.9 | 20.8 | 0.1 | 0.48 | 0.12 | 70 | 0.21 | 12.2 | 30.9 | 0.47 | 192.4 | 0.055 | 1 | 2.78 | 0.02 | 0.1 | 0.09 | 21 | 0.3 | 0.03 | 5.4 | | | | | |
| MH99L-136 | 1.2 | 16.8 | 7.1 | 38.1 | 21 | 13.7 | 6.5 | 334 | 2.27 | 6.7 | 1.2 | 0.8 | 6.6 | 22.7 | 0.07 | 0.29 | 0.16 | 63 | 0.31 | 14.2 | 22.9 | 0.53 | 203.8 | 0.136 | 1 | 1.46 | 0.02 | 0.11 | 0.1 | 16 | 0.3 | 0.02 | 4.8 | | | | | |
| MH99L-137 | 1 | 16.6 | 7.4 | 55.7 | 27 | 11.6 | 8.7 | 465 | 3.25 | 5.8 | 2.1 | | 15.5 | 15.1 | 0.06 | 0.66 | 0.19 | 63 | 0.18 | 24.4 | 17.3 | 0.72 | 217.2 | 0.123 | 1 | 1.76 | 0.02 | 0.45 | 0.23 | 7 | 0.02 | 5.8 | | | | | | |
| MH99L-138 | 2 | 35 | 8.6 | 72.6 | 51 | 31.8 | 12.8 | 441 | 3.61 | 11.8 | 0.9 | 1.3 | 5.2 | 26.3 | 0.03 | 0.26 | 0.15 | 93 | 0.46 | 12.6 | 61.4 | 1.83 | 425.6 | 0.222 | 1 | 2.31 | 0.02 | 0.58 | 0.32 | 16 | 0.3 | 0.02 | 7.7 | | | | | |
| MH99L-139 | 0.7 | 20.1 | 7.6 | 66.6 | 27 | 21.2 | 10.4 | 400 | 3.58 | 6.3 | 1 | 0.6 | 14.6 | 19.6 | 0.03 | 0.62 | 0.12 | 74 | 0.28 | 33.4 | 38.5 | 0.89 | 246.7 | 0.147 | 1 | 1.9 | 0.02 | 0.42 | 0.34 | 11 | 0.02 | 7.5 | | | | | | |
| MH99L-140 | 0.6 | 19.8 | 10 | 67.1 | 67 | 28.9 | 10.9 | 570 | 3.56 | 5.4 | 2.1 | 2.5 | 22.6 | 21.7 | 0.05 | 0.36 | 0.37 | 65 | 0.44 | 68.8 | 44.4 | 0.69 | 180.4 | 0.105 | 1 | 1.63 | 0.02 | 0.37 | 0.3 | 0.44 | 18 | 0.02 | 6.6 | | | | | |
| MH99L-141 | 1.1 | 21.4 | 12 | 61.5 | 142 | 29.7 | 12.3 | 510 | 3.57 | 152.1 | 2.3 | 8 | 16.2 | 28.3 | 0.08 | 0.65 | 0.15 | 64 | 0.65 | 42.2 | 57.1 | 0.94 | 178.3 | 0.121 | 1 | 1.76 | 0.03 | 0.49 | 0.3 | 0.42 | 28 | 0.02 | 6.3 | | | | | |
| MH99L-142 | 0.6 | 23.8 | 10 | 70.1 | 86 | 16.7 | 12.6 | 592 | 3.86 | 34.9 | 1.8 | 3.4 | 14.2 | 28.3 | 0.09 | 0.98 | 0.21 | 93 | 0.71 | 22.4 | 24.8 | 0.99 | 279.9 | 0.159 | 1 | 1.8 | 0.03 | 0.48 | 0.3 | 0.52 | 16 | 0.1 | 0.02 | 6.4 | | | | |
| MH99L-143 | 0.5 | 20.1 | 13.9 | 73 | 109 | 15.7 | 13.1 | 577 | 3.62 | 255 | 2.9 | 4.4 | 13.9 | 34.3 | 0.12 | 0.93 | 0.32 | 97 | 0.7 | 18.5 | 24.9 | 0.92 | 262.9 | 0.163 | 1 | 1.57 | 0.03 | 0.37 | 0.2 | 0.45 | 19 | 0.04 | 5.3 | | | | | |
| MH99L-144 | 0.4 | 27.3 | 39.6 | 72.9 | 480 | 16.8 | 12 | 663 | 3.09 | 451.3 | 5.9 | 9.4 | 10 | 49.8 | 0.34 | 1.3 | 0.72 | 81 | 0.84 | 23.5 | 21.5 | 0.68 | 287.6 | 0.113 | 1 | 1.43 | 0.03 | 0.26 | 0.2 | 0.28 | 29 | 0.2 | 0.03 | 4.7 | 0.01 | | | |
| MH99L-145 | 0.4 | 29.2 | 30.5 | 86.7 | 254 | 19.8 | 13 | 636 | 3.88 | 344.8 | 2.6 | 15.4 | 14.9 | 43.9 | 0.29 | 4.09 | 0.78 | 100 | 0.8 | 23.4 | 25.2 | 0.84 | 221.2 | 0.153 | 1 | 1.74 | 0.03 | 0.34 | 0.39 | 25 | 0.2 | 0.12 | 5.8 | 0.01 | | | | |
| MH99L-146 | 0.4 | 36.9 | 55.1 | 122.4 | 424 | 20 | 15.3 | 785 | 4.17 | 464.6 | 3.3 | 30 | 20.8 | 43.4 | 0.79 | 3.83 | 0.66 | 99 | 0.82 | 33.5 | 22.8 | 0.78 | 331.8 | 0.112 | 1 | 1.52 | 0.03 | 0.37 | 0.42 | 25 | 0.2 | 0.05 | 5.1 | | | | | |
| MH99L-147 | 0.6 | 34.9 | 30.3 | 88 | 229 | 18.1 | 15.6 | 729 | 4.42 | 290.4 | 4.2 | 8.6 | 28.5 | 35.8 | 0.5 | 2.94 | 0.46 | 107 | 0.75 | 43.6 | 23 | 0.83 | 241.2 | 0.117 | 1 | 1.52 | 0.03 | 0.45 | 0.43 | 18 | 0.1 | 0.03 | 5.7 | 0.01 | | | | |
| MH99L-148 | 0.3 | 82.2 | 32.2 | 91.4 | 368 | 16.5 | 19.5 | 1235 | 5.2 | 577.2 | 4.3 | 19.1 | 40.2 | 27.6 | 0.32 | 2.75 | 0.55 | 90 | 0.56 | 87 | 12.1 | 0.25 | 360.7 | 0.01 | | 0.75 | 0.27 | 0.22 | 27 | 0.02 | 2.5 | | | | | | | |
| MH99L-149 | 0.3 | 30.5 | 15.5 | 63.1 | 174 | 19.5 | 11.9 | 592 | 3.39 | 171.3 | 3 | 8.1 | 12.2 | 42.9 | 0.16 | 0.95 | 0.27 | 90 | 0.78 | 24.2 | 29.5 | 0.86 | 225.4 | 0.158 | 1 | 1.73 | 0.04 | 0.37 | 0.34 | 28 | 0.2 | 0.03 | 5.7 | | | | | |

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|-------------|-------------|-----------|-------------|--------|------------|--------|-----------|----------|------------|-------------|-------------|-------------|-------------|-------------|----------|
| MH99L-150 | 0.3 | 31.3 | 14.6 | 79.3 | 220 | 17.3 | 13.7 | 558 | 3.95 | 236.7 | 1.9 | 12.6 | 17.6 | 26.5 | 0.21 | 0.98 | 0.38 | 100 | 0.69 | 25.2 | 24.4 | 1.02 | 165 | 0.169 | 1 | 1.78 | 0.03 | 0.74 | 0.66 | 14 | 0.1 | 0.06 | 6.4 | | |
| MH99L-151 | 0.3 | 33 | 13.4 | 69 | 120 | 22.7 | 12.9 | 653 | 3.34 | 147.2 | 1.6 | 37.4 | 8.7 | 42.9 | 0.21 | 0.86 | 0.26 | 94 | 0.98 | 16.7 | 27.4 | 0.84 | 201.7 | 0.166 | 2 | 1.6 | 0.04 | 0.38 | 0.33 | 24 | 0.3 | 0.05 | 5.6 | | |
| MH99L-152 | 0.2 | 33.5 | 14.8 | 68.6 | 101 | 16.9 | 13.2 | 654 | 3.43 | 203.2 | 1.6 | 6.7 | 13.7 | 46.1 | 0.25 | 1.09 | 0.36 | 95 | 1.05 | 22.1 | 25.2 | 1.05 | 225.1 | 0.209 | 2 | 1.82 | 0.1 | 0.58 | 0.3 | 0.54 | 22 | 0.7 | 0.08 | 6.1 | 0.18 |
| MH99L-153 | 0.3 | 19.9 | 9.5 | 67.9 | 79 | 17.3 | 9.5 | 450 | 3.18 | 104 | 4.1 | 9 | 4.1 | 35.1 | 0.11 | 0.68 | 0.14 | 95 | 0.55 | 13.2 | 33.7 | 0.83 | 353.3 | 0.179 | 1 | 2.15 | 0.03 | 0.14 | 0.23 | 61 | 0.6 | 0.02 | 7 | 0.01 | |
| MH99L-154 | 0.6 | 21.6 | 7.8 | 64.6 | 127 | 20.6 | 10.8 | 587 | 2.53 | 15.5 | 1.5 | 3 | 1.9 | 44.6 | 0.24 | 0.47 | 0.14 | 76 | 0.66 | 13 | 26.9 | 0.57 | 356.6 | 0.118 | 2 | 1.99 | 0.03 | 0.09 | 0.13 | 53 | 0.6 | 0.04 | 6.3 | 0.05 | |
| MH99L-155 | 0.6 | 22.3 | 7.1 | 64.6 | 116 | 20.7 | 9.8 | 588 | 2.55 | 13.6 | 1.5 | 2.5 | 1.8 | 39 | 0.21 | 0.41 | 0.13 | 77 | 0.67 | 12.3 | 25.1 | 0.53 | 327 | 0.11 | 1 | 1.83 | 0.03 | 0.09 | 0.12 | 51 | 0.5 | 0.04 | 5.6 | 0.05 | |
| MH99L-156 | 0.4 | 14.6 | 9.1 | 61.6 | 119 | 14.4 | 12.8 | 784 | 3.26 | 45.1 | 2.1 | 341.1 | 9.2 | 31.7 | 0.17 | 0.96 | 0.11 | 79 | 0.59 | 22.9 | 28.3 | 0.75 | 270.9 | 0.168 | 1 | 1.9 | 0.03 | 0.1 | 0.12 | 35 | 0.7 | 0.02 | 5.9 | | |
| MH99L-157 | 0.5 | 18.1 | 7.5 | 54.2 | 80 | 17.9 | 9.4 | 284 | 2.14 | 6.2 | 1.2 | 4.3 | 2 | 33.7 | 0.13 | 0.4 | 0.13 | 61 | 0.46 | 10.4 | 31.8 | 0.61 | 269.8 | 0.129 | 1 | 1.98 | 0.03 | 0.06 | 0.12 | 49 | 0.4 | 0.03 | 6.4 | 0.08 | |
| MH99L-158 | 0.5 | 13.1 | 5.9 | 42 | 39 | 11.6 | 5.9 | 164 | 1.78 | 3.9 | 0.5 | 3.1 | 1.5 | 28.8 | 0.17 | 0.31 | 0.13 | 58 | 0.38 | 6.8 | 22.3 | 0.46 | 164.8 | 0.143 | 2 | 1.42 | 0.03 | 0.06 | 0.12 | 51 | 0.3 | 0.03 | 5.4 | 0.06 | |
| MH99L-159 | 0.7 | 18.4 | 7 | 56.7 | 72 | 17.2 | 11 | 457 | 2.28 | 11.7 | 1.1 | 4.7 | 2.7 | 37.6 | 0.17 | 0.35 | 0.12 | 70 | 0.58 | 10.9 | 26 | 0.62 | 266.5 | 0.136 | 1 | 1.82 | 0.03 | 0.08 | 0.12 | 42 | 0.5 | 0.03 | 6.2 | 0.05 | |
| MH99L-160 | 0.7 | 13.4 | 7.6 | 41.8 | 56 | 12.5 | 6.1 | 185 | 1.73 | 5.7 | 0.7 | 4.2 | 1.1 | 27.1 | 0.12 | 0.33 | 0.23 | 55 | 0.36 | 6.6 | 28.1 | 0.49 | 160.7 | 0.141 | 2 | 1.55 | 0.03 | 0.06 | 0.2 | 0.19 | 74 | 0.4 | 0.03 | 6 | 0.04 |
| MH99L-161 | 1.2 | 16.2 | 8.8 | 63.2 | 84 | 16.7 | 11.8 | 534 | 2.48 | 11.4 | 1.2 | 3.1 | 2.6 | 35.8 | 0.13 | 0.39 | 0.14 | 79 | 0.54 | 9.6 | 29 | 0.72 | 308.9 | 0.146 | 1 | 1.96 | 0.03 | 0.11 | 0.14 | 69 | 0.4 | 0.03 | 7 | 0.03 | |
| MH99L-162 | 0.8 | 12.8 | 8.8 | 49.2 | 59 | 13.8 | 6.5 | 201 | 2 | 7.7 | 1 | 4 | 2.6 | 26.4 | 0.08 | 0.33 | 0.12 | 61 | 0.43 | 8.8 | 24.9 | 0.62 | 172.5 | 0.15 | 1 | 1.66 | 0.03 | 0.1 | 0.13 | 38 | 0.4 | 0.02 | 6.2 | 0.03 | |
| MH99L-163 | 0.9 | 16.7 | 7.7 | 54.8 | 68 | 15 | 10.7 | 645 | 2.61 | 6.1 | 1.2 | 5.5 | 2.9 | 29.9 | 0.17 | 0.33 | 0.13 | 79 | 0.46 | 11.1 | 29.1 | 0.62 | 180.8 | 0.169 | 2 | 1.89 | 0.03 | 0.13 | 0.14 | 60 | 0.5 | 0.02 | 6.3 | 0.05 | |
| MH99L-164 | 1.1 | 14.2 | 7.6 | 49.2 | 48 | 17.1 | 8.6 | 288 | 2.43 | 9.5 | 0.9 | 3.5 | 2.1 | 24.5 | 0.08 | 0.29 | 0.12 | 86 | 0.38 | 8.1 | 25.5 | 0.64 | 140.9 | 0.156 | 1 | 1.85 | 0.03 | 0.07 | 0.13 | 34 | 0.3 | 0.03 | 6.4 | 0.06 | |
| MH99L-165 | 0.6 | 22.4 | 5.6 | 61 | 118 | 13.2 | 5.8 | 453 | 1.66 | 5.6 | 15 | 4.5 | 0.4 | 48.7 | 0.54 | 0.33 | 0.12 | 50 | 0.7 | 9.1 | 19.9 | 0.34 | 206.9 | 0.098 | 2 | 1.18 | 0.04 | 0.13 | 0.11 | 46 | 0.5 | 0.04 | 4.4 | 0.11 | |
| MH99L-166 | 0.8 | 13.2 | 7.9 | 48.4 | 76 | 14.8 | 6.6 | 203 | 2.02 | 9.1 | 0.9 | 5.9 | 1.2 | 34.2 | 0.08 | 0.25 | 0.13 | 59 | 0.53 | 5.8 | 25.4 | 0.59 | 165.8 | 0.125 | 1 | 1.64 | 0.03 | 0.08 | 0.1 | 45 | 0.3 | 0.02 | 6.2 | 0.07 | |
| MH99L-167 | 1.6 | 20 | 8.1 | 57.2 | 96 | 17.4 | 11.3 | 691 | 2.43 | 9.6 | 1.9 | 2.9 | 1.8 | 56.6 | 0.17 | 0.39 | 0.14 | 76 | 0.89 | 9.3 | 30.3 | 0.62 | 259.1 | 0.142 | 1 | 1.98 | 0.03 | 0.09 | 0.14 | 51 | 0.5 | 0.03 | 6.6 | 0.1 | |
| MH99L-168 | 1.4 | 18.2 | 8.6 | 56.5 | 97 | 16.6 | 11.6 | 572 | 2.58 | 9.3 | 1.8 | 0.3 | 2.5 | 32 | 0.1 | 0.37 | 0.19 | 80 | 0.47 | 8.6 | 29.3 | 0.7 | 195.8 | 0.159 | 1 | 1.97 | 0.03 | 0.07 | 0.17 | 41 | 0.5 | 0.05 | 6.6 | 0.04 | |
| MH99L-169 | 1.7 | 20.5 | 7.9 | 54.9 | 88 | 18.6 | 12.2 | 438 | 2.76 | 34.8 | 1.8 | 6.9 | 2.6 | 27.2 | 0.09 | 1.6 | 0.13 | 90 | 0.39 | 9 | 29.3 | 0.73 | 201.7 | 0.162 | 1 | 2.08 | 0.03 | 0.07 | 0.18 | 35 | 0.5 | 0.02 | 6.8 | 0.02 | |
| MH99L-170 | 0.5 | 17.5 | 6.5 | 44 | 88 | 15.1 | 8.1 | 251 | 2.16 | 11 | 1.1 | 3.9 | 1.4 | 30.6 | 0.09 | 2.23 | 0.11 | 65 | 0.46 | 6.5 | 20.9 | 0.61 | 210.8 | 0.148 | 1 | 1.81 | 0.03 | 0.08 | 0.13 | 44 | 0.5 | 0.03 | 5.7 | 0.05 | |
| MH99L-171 | 0.5 | 20.3 | 6.5 | 42.5 | 86 | 14.7 | 9.4 | 314 | 2.15 | 10.1 | 1.4 | 4 | 1.6 | 29.7 | 0.12 | 1.7 | 0.09 | 65 | 0.46 | 8.1 | 23.4 | 0.64 | 206.6 | 0.136 | 1 | 1.79 | 0.04 | 0.09 | 0.11 | 48 | 0.5 | 0.03 | 5.4 | 0.06 | |
| MH99L-172 | 0.6 | 20.7 | 7 | 62.5 | 43 | 22.8 | 13.1 | 514 | 3.06 | 17.4 | 1.5 | 4.9 | 4.3 | 25 | 0.13 | 3.05 | 0.1 | 94 | 0.41 | 8.9 | 28.2 | 0.83 | 228.1 | 0.192 | 1 | 2.33 | 0.03 | 0.11 | 0.13 | 22 | 0.3 | 0.02 | 6.5 | 0.01 | |
| MH99L-173 | 0.7 | 26.9 | 7.6 | 69.4 | 62 | 22.7 | 16.9 | 673 | 3.42 | 23.9 | 2.4 | 2.4 | 5.4 | 26.2 | 0.1 | 0.55 | 0.11 | 109 | 0.44 | 11.9 | 29 | 0.9 | 293.1 | 0.205 | 1 | 2.35 | 0.03 | 0.09 | 0.3 | 0.19 | 23 | 0.4 | 0.03 | 6.9 | 0.02 |
| MH99L-174 | 1 | 20.3 | 10.7 | 61.9 | 70 | 20 | 13.5 | 626 | 3.23 | 37.6 | 1.4 | 3 | 4.2 | 23.6 | 0.1 | 0.5 | 0.16 | 105 | 0.33 | 7.9 | 30.7 | 0.75 | 189 | 0.181 | 1 | 2.32 | 0.03 | 0.1 | 0.15 | 32 | 0.3 | 0.04 | 8.3 | | |
| MH99L-175 | 0.6 | 22.6 | 9.2 | 57.5 | 122 | 20 | 10.3 | 373 | 2.66 | 29.4 | 3.2 | 2.6 | 2.9 | 25.2 | 0.12 | 0.4 | 0.14 | 77 | 0.36 | 9.5 | 26.5 | 0.68 | 214.6 | 0.141 | 1 | 2.16 | 0.03 | 0.1 | 0.16 | 45 | 0.5 | 0.04 | 6.8 | 0.04 | |
| MH99L-176 | 0.5 | 23.2 | 10.9 | 67.3 | 139 | 22.1 | 11.5 | 350 | 2.93 | 60.6 | 4.3 | 10 | 4.6 | 26.4 | 0.18 | 0.43 | 0.17 | 86 | 0.4 | 10.3 | 31 | 0.73 | 189.5 | 0.154 | 1 | 2.22 | 0.02 | 0.11 | 0.19 | 84 | 0.5 | 0.03 | 7.6 | 0.03 | |
| MH99L-177 | 0.5 | 21.5 | 9.1 | 52.8 | 89 | 17.2 | 10.4 | 430 | 2.57 | 26.3 | 2.8 | 3.1 | 4.2 | 25.7 | 0.13 | 0.36 | 0.14 | 82 | 0.39 | 10.3 | 24.9 | 0.67 | 151.1 | 0.165 | 1 | 1.79 | 0.03 | 0.12 | 0.17 | 24 | 0.4 | 0.03 | 6.2 | 0.03 | |
| MH99L-178 | 0.8 | 20.7 | 9.2 | 41.9 | 148 | 15.5 | 8.8 | 283 | 2.38 | 26.4 | 4.7 | 3.2 | 3.6 | 22.4 | 0.08 | 0.37 | 0.16 | 74 | 0.31 | 13 | 24.3 | 0.51 | 176.8 | 0.138 | 1 | 1.96 | 0.03 | 0.07 | 0.18 | 45 | 0.5 | 0.04 | 6.2 | 0.08 | |
| MH99L-179 | 0.6 | 21.6 | 12.9 | 63.1 | 76 | 19.3 | 11.2 | 414 | 2.67 | 44.1 | 2 | 7.3 | 3.9 | 29.7 | 0.2 | 0.44 | 0.16 | 82 | 0.48 | 7.8 | 27 | 0.78 | 172.1 | 0.165 | 1 | 1.94 | 0.03 | 0.1 | 0.15 | 26 | 0.4 | 0.03 | 6.3 | 0.01 | |

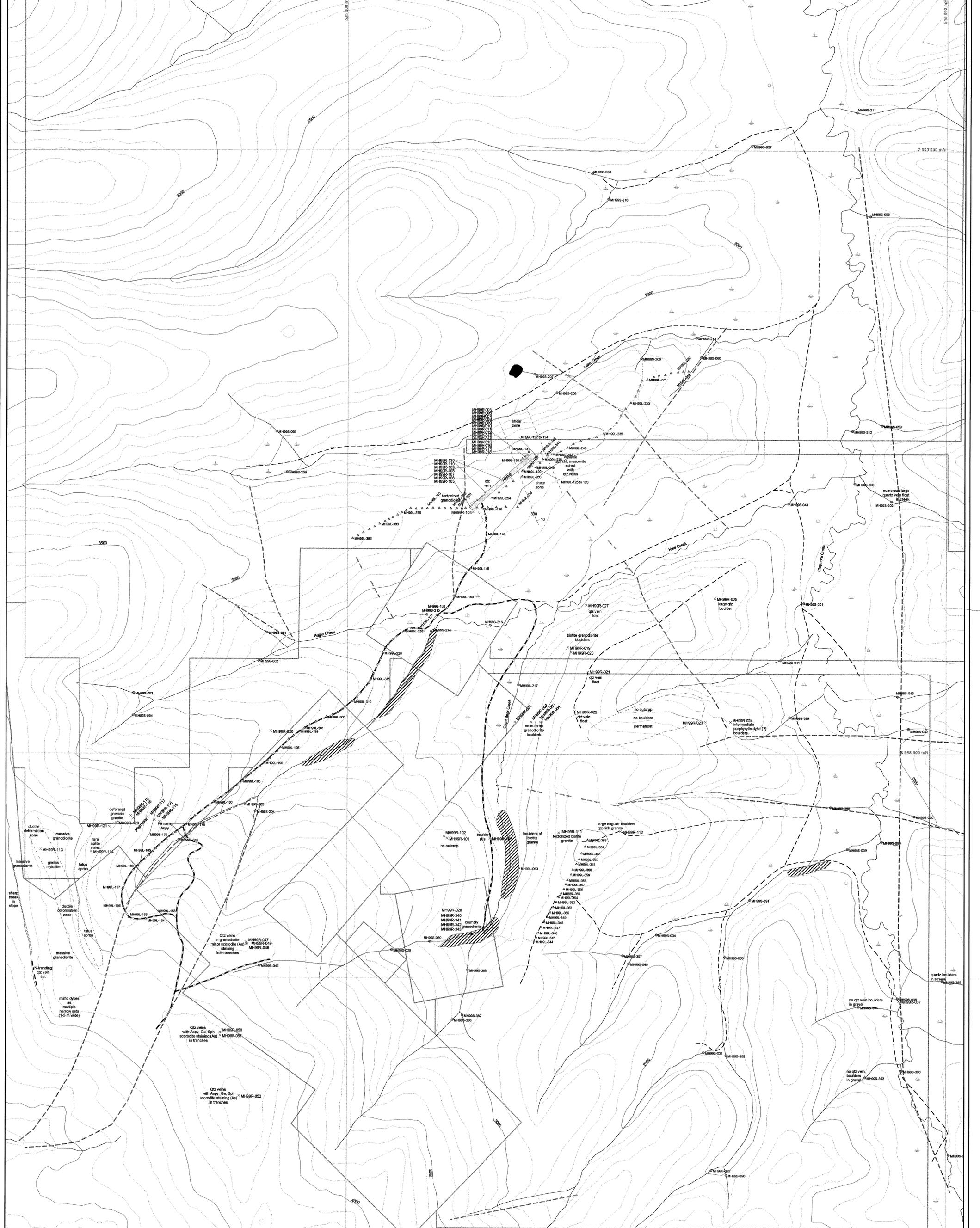
| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|-------------|-------------|-----------|-------------|--------|------------|--------|-----------|----------|------------|-------------|-------------|-------------|-------------|-------------|----------|
| MH99L-180 | 0.4 | 18 | 8.4 | 55.1 | 72 | 16.7 | 11.2 | 464 | 2.57 | 29.6 | 1.9 | 112.4 | 4 | 28.5 | 0.13 | 0.42 | 0.12 | 80 | 0.49 | 7.9 | 23.9 | 0.78 | 162.1 | 0.174 | 1 | 1.77 | 0.03 | 0.1 | 0.14 | 31 | 0.3 | 0.03 | 5.8 | 0.03 | |
| MH99L-181 | 0.5 | 21.6 | 8.2 | 55 | 88 | 19.5 | 11 | 418 | 2.92 | 16.6 | 2.7 | 136.9 | 5.2 | 26.8 | 0.13 | 0.45 | 0.12 | 93 | 0.42 | 10.4 | 28.6 | 0.7 | 175.8 | 0.171 | 1 | 2.04 | 0.02 | 0.09 | 0.16 | 30 | 0.4 | 0.03 | 6.8 | 0.05 | |
| MH99L-182 | 0.4 | 20.6 | 6.7 | 59.2 | 54 | 16.8 | 11.2 | 488 | 2.9 | 22 | 2 | 6.1 | 6.5 | 27.2 | 0.09 | 0.52 | 0.09 | 89 | 0.47 | 9.4 | 24.9 | 0.83 | 158.5 | 0.197 | 1 | 1.96 | 0.03 | 0.19 | 0.25 | 22 | 0.3 | 0.03 | 6 | 0.03 | |
| MH99L-183 | 0.5 | 24.1 | 9.1 | 50.5 | 101 | 19.6 | 10.5 | 403 | 2.61 | 27 | 5.1 | 3.1 | 5.4 | 32 | 0.13 | 0.43 | 0.11 | 76 | 0.49 | 15.6 | 26.8 | 0.59 | 200.7 | 0.147 | 1 | 2.03 | 0.02 | 0.12 | 0.18 | 38 | 0.2 | 0.04 | 6.1 | 0.04 | |
| MH99L-184 | 0.3 | 20.2 | 7.4 | 55.6 | 28 | 18.6 | 10.6 | 366 | 2.84 | 21.9 | 1.5 | 8.9 | 6.5 | 28.6 | 0.09 | 0.46 | 0.1 | 86 | 0.5 | 9.9 | 28.2 | 0.86 | 138.7 | 0.205 | 1 | 1.94 | 0.03 | 0.19 | 0.27 | 19 | 0.4 | 0.03 | 5.9 | | |
| MH99L-185 | 0.2 | 24.5 | 7.8 | 51.4 | 57 | 21.3 | 11 | 291 | 2.67 | 14.4 | 3 | 17 | 5 | 31.4 | 0.1 | 0.43 | 0.12 | 79 | 0.46 | 12.3 | 32.6 | 0.72 | 181.7 | 0.167 | 1 | 2.07 | 0.03 | 0.08 | 0.17 | 30 | 0.5 | 0.03 | 6.4 | 0.03 | |
| MH99L-186 | 0.3 | 18.7 | 6.1 | 44.2 | 47 | 16.6 | 6.8 | 215 | 2.15 | 9.3 | 1.5 | 3.3 | 2.8 | 25 | 0.09 | 0.33 | 0.11 | 62 | 0.37 | 7.1 | 22.9 | 0.54 | 121.6 | 0.136 | 1 | 1.56 | 0.02 | 0.07 | 0.13 | 32 | 0.4 | 0.03 | 5.3 | 0.04 | |
| MH99L-187 | 0.3 | 22.9 | 10.2 | 51.7 | 47 | 18.6 | 9.5 | 322 | 2.54 | 40.8 | 1.6 | 4.9 | 4.9 | 28.7 | 0.12 | 0.45 | 0.13 | 74 | 0.45 | 9.9 | 27.7 | 0.7 | 138.3 | 0.167 | 1 | 1.9 | 0.02 | 0.12 | 0.18 | 30 | 0.4 | 0.03 | 6.1 | 0.04 | |
| MH99L-188 | 0.3 | 18.3 | 9.7 | 44 | 61 | 15.9 | 7.8 | 236 | 2.09 | 49.6 | 1.3 | 1.8 | 2.5 | 26.3 | 0.1 | 0.4 | 0.14 | 61 | 0.36 | 8.2 | 23.9 | 0.55 | 122.2 | 0.131 | 1 | 1.65 | 0.02 | 0.06 | 0.13 | 32 | 0.4 | 0.02 | 5.2 | 0.04 | |
| MH99L-189 | 0.3 | 18.2 | 8 | 51.8 | 45 | 16 | 10.1 | 442 | 2.44 | 28.3 | 1.4 | 1.9 | 5.1 | 25.7 | 0.12 | 0.39 | 0.16 | 74 | 0.44 | 9.2 | 21.3 | 0.67 | 119.9 | 0.154 | 1 | 1.58 | 0.02 | 0.15 | 0.2 | 30 | 0.3 | 0.03 | 5.4 | 0.04 | |
| MH99L-190 | 0.62 | 23.41 | 12.39 | 51.2 | 125 | 18 | 11.9 | 338 | 2.79 | 58.9 | 2 | 5.7 | 4 | 32 | 0.13 | 0.6 | 0.18 | 71 | 0.45 | 10 | 28.4 | 0.59 | 148.8 | 0.142 | 1 | 2.01 | 0.025 | 0.06 | 0.2 | 0.14 | 35 | 0.6 | 0.04 | 6.2 | 0.03 |
| MH99L-191 | 0.57 | 21.8 | 20.74 | 60 | 70 | 20.4 | 13.6 | 382 | 2.95 | 86.4 | 1.4 | 3.8 | 5.7 | 31.3 | 0.23 | 0.51 | 0.26 | 75 | 0.48 | 10.2 | 31.3 | 0.78 | 158.7 | 0.172 | 1 | 2.22 | 0.022 | 0.11 | 0.2 | 0.22 | 27 | 0.4 | 0.04 | 4.5 | 0.01 |
| MH99L-192 | 0.49 | 17.53 | 13.44 | 41.3 | 102 | 15 | 8.4 | 217 | 2.2 | 89 | 1.7 | 2.5 | 2.8 | 24.6 | 0.15 | 0.42 | 0.21 | 52 | 0.33 | 7.9 | 23.9 | 0.49 | 128.5 | 0.121 | 1 | 1.65 | 0.021 | 0.07 | 0.14 | 36 | 0.4 | 0.03 | 5.5 | 0.03 | |
| MH99L-193 | 0.67 | 34.13 | 16.45 | 55.7 | 172 | 15.4 | 12 | 366 | 2.83 | 163.1 | 2.7 | 5.2 | 5.1 | 38 | 0.41 | 1.12 | 0.35 | 68 | 0.52 | 12.9 | 28.4 | 0.61 | 161 | 0.144 | 1 | 1.95 | 0.024 | 0.11 | 0.21 | 49 | 0.6 | 0.06 | 6 | 0.02 | |
| MH99L-194 | 0.69 | 30.32 | 30.79 | 67.6 | 237 | 21.6 | 13.3 | 428 | 3.33 | 225.4 | 2.3 | 6.5 | 6.2 | 42 | 0.29 | 2.53 | 0.54 | 83 | 0.65 | 16.3 | 35 | 0.82 | 191.9 | 0.189 | 1 | 2.27 | 0.037 | 0.17 | 0.2 | 0.3 | 27 | 0.4 | 0.08 | 7.2 | |
| MH99L-195 | 0.62 | 24.28 | 24.61 | 56.2 | 194 | 18.9 | 9.4 | 287 | 2.77 | 153.6 | 1.7 | 10.1 | 4.3 | 37.4 | 0.33 | 1.22 | 0.54 | 66 | 0.51 | 8.8 | 30.2 | 0.72 | 157.3 | 0.166 | | 2.11 | 0.03 | 0.09 | 0.2 | 0.15 | 39 | 0.6 | 0.06 | 5.9 | |
| MH99L-196 | 1.07 | 20.21 | 29.71 | 57.5 | 136 | 16.9 | 15.1 | 521 | 3.27 | 349.1 | 1 | 9.3 | 6.3 | 24.7 | 0.26 | 1.84 | 0.45 | 86 | 0.34 | 6.6 | 32 | 0.79 | 116.2 | 0.185 | 1 | 2.4 | 0.025 | 0.1 | 0.2 | 0.19 | 16 | 0.3 | 0.05 | 8.3 | |
| MH99L-197 | 1.06 | 20.02 | 22.24 | 64.2 | 166 | 15.8 | 17.7 | 657 | 3.9 | 666.8 | 1.3 | 12.4 | 9.2 | 25.7 | 0.26 | 3.24 | 0.33 | 94 | 0.38 | 12.3 | 26.9 | 0.79 | 195.4 | 0.147 | | 2.57 | 0.029 | 0.15 | 0.2 | 0.28 | 19 | 0.4 | 0.06 | 8.2 | |
| MH99L-198 | 0.72 | 21.14 | 19.14 | 62.2 | 72 | 17.3 | 15.3 | 533 | 3.73 | 115 | 1.2 | 3 | 8.7 | 31.7 | 0.17 | 1.09 | 0.29 | 94 | 0.51 | 11.5 | 35.8 | 0.96 | 193.7 | 0.178 | | 2.55 | 0.037 | 0.15 | 0.2 | 0.23 | 18 | 0.4 | 0.04 | 8 | |
| MH99L-199 | 0.68 | 27.16 | 24.69 | 65.7 | 132 | 27.9 | 18.6 | 561 | 4.85 | 405.5 | 1 | 7.5 | 8.8 | 22.2 | 0.19 | 1.24 | 0.4 | 116 | 0.41 | 10.8 | 45.2 | 1.06 | 225.5 | 0.213 | | 3.89 | 0.028 | 0.23 | 0.2 | 0.29 | 22 | 0.4 | 0.1 | 10.1 | |
| MH99L-218 | 1.2 | 17.43 | 9.12 | 47.3 | 99 | 16.5 | 10 | 335 | 3.63 | 11.1 | 0.4 | | 1.4 | 24.3 | 0.18 | 0.62 | 0.18 | 94 | 0.33 | 5 | 25.9 | 0.67 | 233.6 | 0.082 | 2 | 2.43 | 0.026 | 0.05 | 0.1 | 10 | 0.4 | 0.05 | 7.1 | 0.02 | |
| MH99L-219 | 1.47 | 25.97 | 12.7 | 38.9 | 763 | 17.5 | 11.1 | 277 | 3.41 | 13.2 | 0.5 | 2.2 | 2.9 | 20 | 0.15 | 0.44 | 0.66 | 91 | 0.24 | 6.4 | 25.5 | 0.51 | 253.1 | 0.129 | 1 | 2.34 | 0.032 | 0.06 | 1.4 | 0.09 | 22 | 0.3 | 0.15 | 7.2 | |
| MH99L-220 | 0.99 | 19.03 | 9.49 | 43.7 | 255 | 14.9 | 9.4 | 467 | 2.83 | 5.5 | 0.7 | | 3 | 29.6 | 0.13 | 0.38 | 0.26 | 84 | 0.47 | 8.6 | 26.7 | 0.49 | 380.5 | 0.122 | 1 | 1.81 | 0.028 | 0.06 | 0.2 | 0.08 | 29 | 0.4 | 0.06 | 6.4 | 0.01 |
| MH99L-221 | 0.58 | 15.02 | 5.29 | 10.3 | 833 | 4.1 | 1.7 | 55 | 0.94 | 1.6 | 0.6 | | 2 | 29.6 | 0.14 | 0.22 | 0.14 | 19 | 0.58 | 4.9 | 8.4 | 0.1 | 137.2 | 0.033 | 3 | 0.58 | 0.029 | 0.03 | 0.3 | 0.04 | 67 | 0.6 | 0.02 | 2 | 0.07 |
| MH99L-222 | 0.56 | 24.06 | 7.25 | 34.8 | 191 | 10.5 | 7.4 | 306 | 2.08 | 6.8 | 0.6 | 1 | 2.1 | 47.1 | 0.31 | 0.25 | 0.27 | 58 | 0.92 | 5.6 | 15.6 | 0.4 | 282.7 | 0.062 | 1 | 1.39 | 0.03 | 0.04 | 0.6 | 0.08 | 36 | 0.5 | 0.07 | 4.8 | 0.04 |
| MH99L-223 | 0.59 | 39.8 | 9.67 | 75.4 | 236 | 17.9 | 17.4 | 585 | 4 | 9.9 | 1.9 | 2.6 | 3.1 | 44.2 | 0.12 | 0.36 | 0.75 | 106 | 0.84 | 14.2 | 22.4 | 1.09 | 551.9 | 0.081 | 1 | 2.68 | 0.038 | 0.05 | 0.5 | 0.09 | 70 | 0.7 | 0.21 | 7.9 | 0.02 |
| MH99L-224 | 0.58 | 24.64 | 10.8 | 75.4 | 160 | 14.8 | 16.6 | 531 | 4.18 | 15 | 1.1 | 6 | 2.8 | 33.4 | 0.14 | 0.36 | 0.45 | 118 | 0.53 | 11.6 | 20.4 | 1.2 | 409.5 | 0.06 | 1 | 2.84 | 0.029 | 0.06 | 2.5 | 0.08 | 41 | 0.5 | 0.1 | 9.1 | 0.02 |
| MH99L-225 | 0.89 | 33.76 | 29.58 | 92.9 | 193 | 20.7 | 15.3 | 505 | 4.68 | 34 | 1.8 | 5 | 9.5 | 30.8 | 0.26 | 0.42 | 1.12 | 98 | 0.49 | 20.8 | 26.5 | 0.83 | 312.1 | 0.073 | | 2.5 | 0.028 | 0.08 | 0.9 | 0.09 | 21 | 0.4 | 0.2 | 6.6 | 0.01 |
| MH99L-226 | 0.77 | 13.98 | 10.2 | 47.5 | 96 | 11.6 | 6.3 | 289 | 2.43 | 13.1 | 0.6 | 0.8 | 6 | 21.8 | 0.09 | 0.17 | 0.26 | 51 | 0.3 | 21.7 | 16.9 | 0.32 | 172.9 | 0.046 | | 1.78 | 0.024 | 0.1 | 0.1 | 19 | 0.3 | 0.03 | 6.5 | | |
| MH99L-227 | 0.88 | 16.69 | 14.37 | 48.2 | 48 | 16.7 | 9 | 256 | 3.2 | 25.4 | 1.2 | 1.9 | 11.6 | 21.5 | 0.09 | 0.38 | 0.3 | 65 | 0.25 | 29.4 | 25.4 | 0.49 | 220.7 | 0.068 | | 2.12 | 0.018 | 0.08 | 0.4 | 0.12 | 25 | 0.5 | 0.05 | 6.5 | |

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|----------|---------|----------|----------|----------|----------|----------|----------|---------|--------|----------|----------|--------|----------|--------|---------|--------|--------|-------|---------|----------|----------|----------|----------|----------|-------|
| MH99L-228 | 1.15 | 16.31 | 10.99 | 46.2 | 78 | 20.1 | 10.2 | 236 | 3.16 | 10.1 | 0.8 | 1.4 | 5.9 | 20.5 | 0.11 | 0.42 | 0.22 | 77 | 0.22 | 15.6 | 30.1 | 0.41 | 209.3 | 0.08 | 2.38 | 0.023 | 0.08 | | 0.1 | 28 | 0.3 | 0.04 | 6.7 | | |
| MH99L-229 | 1.64 | 16.96 | 13.27 | 44.1 | 41 | 19.2 | 8.9 | 214 | 3.96 | 26.3 | 0.6 | 1 | 3.6 | 23.8 | 0.14 | 0.54 | 0.21 | 109 | 0.22 | 13.3 | 35.5 | 0.48 | 228.9 | 0.115 | 2.62 | 0.017 | 0.08 | | 0.1 | 22 | 0.3 | 0.03 | 9.3 | | |
| MH99L-230 | 1.05 | 18.62 | 8.36 | 39.3 | 32 | 18.3 | 8.8 | 185 | 3.33 | 10.4 | 0.5 | | 3.9 | 19.1 | 0.08 | 0.43 | 0.16 | 83 | 0.22 | 7.2 | 29.6 | 0.46 | 180.4 | 0.121 | 1 | 2.23 | 0.017 | 0.07 | | 0.09 | 27 | 0.2 | 0.03 | 7.4 | |
| MH99L-231 | 1.02 | 24.18 | 25.18 | 62 | 34 | 29.7 | 12.1 | 386 | 3.6 | 21.8 | 0.8 | 2.5 | 11.8 | 24.9 | 0.12 | 0.42 | 0.13 | 80 | 0.27 | 20.2 | 33.3 | 0.65 | 286.8 | 0.13 | 3.02 | 0.018 | 0.2 | | 0.17 | 21 | 0.6 | 0.04 | 7.1 | | |
| MH99L-232 | 0.47 | 22.24 | 5.04 | 68.4 | 11 | 38.3 | 23.2 | 620 | 5.28 | 20.2 | 0.8 | | 4.2 | 26.4 | 0.03 | 0.23 | 0.07 | 175 | 0.56 | 14.7 | 88.2 | 2.54 | 261.1 | 0.312 | 3.86 | 0.02 | 0.48 | | 0.38 | 29 | 0.5 | | 12.6 | | |
| MH99L-233 | 1.17 | 20.82 | 11.4 | 46.5 | 63 | 24.4 | 11.5 | 263 | 3.51 | 24.7 | 0.6 | 1.5 | 5.7 | 23.1 | 0.12 | 0.44 | 0.18 | 90 | 0.23 | 10.6 | 33.9 | 0.55 | 198.8 | 0.121 | 2.67 | 0.018 | 0.06 | | 0.11 | 19 | 0.6 | | 8.1 | | |
| MH99L-234 | 1.17 | 20.79 | 12.91 | 53.6 | 70 | 23.2 | 10.8 | 264 | 3.9 | 11.2 | 0.6 | 2.2 | 5.3 | 21.2 | 0.19 | 0.57 | 0.32 | 95 | 0.21 | 14.4 | 35.8 | 0.55 | 219.9 | 0.1 | 2.95 | 0.019 | 0.06 | 0.8 | 0.17 | 24 | 0.7 | 0.08 | 8.6 | | |
| MH99L-235 | 1.42 | 17.65 | 10.25 | 50.4 | 64 | 17.5 | 7.6 | 277 | 3.43 | 8.2 | 0.6 | | 5 | 19 | 0.18 | 0.78 | 0.28 | 88 | 0.19 | 10.5 | 27.1 | 0.86 | 152.3 | 0.127 | 2.69 | 0.021 | 0.05 | 0.3 | 0.17 | 27 | 0.5 | 0.06 | 9.4 | | |
| MH99L-236 | 1.26 | 26.79 | 9.73 | 53.6 | 43 | 26.4 | 12.3 | 328 | 3.72 | 11.1 | 1 | 2.4 | 4.2 | 27.2 | 0.11 | 0.61 | 0.19 | 100 | 0.25 | 10.4 | 43.3 | 0.6 | 185.5 | 0.163 | 2.78 | 0.031 | 0.05 | | 0.09 | 36 | 0.6 | 0.07 | 7.6 | | |
| MH99L-237 | 0.76 | 9.55 | 5.63 | 25.2 | 20 | 8.9 | 5.1 | 154 | 2.12 | 5.4 | 0.3 | 0.2 | 1.2 | 11.1 | 0.06 | 0.32 | 0.12 | 53 | 0.12 | 3.6 | 16.9 | 0.24 | 85.6 | 0.093 | 1.29 | 0.029 | 0.03 | | 0.05 | 10 | 0.1 | 0.04 | 4.9 | | |
| MH99L-238 | 1.24 | 22.5 | 12.06 | 60.6 | 23 | 31 | 13.5 | 331 | 3.92 | 17.3 | 0.5 | 1.2 | 4.4 | 20.6 | 0.18 | 0.57 | 0.21 | 104 | 0.18 | 6.2 | 41.9 | 0.65 | 209.4 | 0.145 | 3.32 | 0.021 | 0.06 | | 0.11 | 20 | 0.5 | 0.02 | 8.3 | | |
| MH99L-239 | 1.01 | 23.46 | 8.74 | 50.6 | 39 | 29.7 | 11.7 | 342 | 3.57 | 14.1 | 0.7 | 1.2 | 4.4 | 39.8 | 0.09 | 0.54 | 0.17 | 100 | 0.36 | 11.2 | 46.3 | 0.79 | 215.9 | 0.202 | 2.57 | 0.04 | 0.05 | | 0.08 | 23 | 0.6 | 0.03 | 6.8 | | |
| MH99L-240 | 0.66 | 30.23 | 7.44 | 51.6 | 25 | 28 | 12.7 | 385 | 3.29 | 13.8 | 0.8 | 2.4 | 5 | 33.2 | 0.12 | 0.51 | 0.13 | 86 | 0.35 | 14.5 | 37.4 | 0.8 | 204.4 | 0.168 | 2.41 | 0.032 | 0.06 | | 0.1 | 28 | 0.8 | 0.03 | 6.4 | | |
| MH99L-241 | 0.41 | 13.1 | 7.32 | 36.8 | 9 | 11 | 10.8 | 376 | 2.87 | 5.2 | 0.7 | 0.7 | 10.6 | 18.9 | 0.04 | 0.4 | 0.07 | 55 | 0.24 | 28.7 | 17.4 | 0.87 | 144.6 | 0.141 | 1.93 | 0.013 | 0.22 | | 0.23 | 13 | 0.5 | 0.02 | 6.5 | | |
| MH99L-242 | 1.25 | 22.75 | 9.77 | 54 | 23 | 28.8 | 14.3 | 357 | 4.5 | 11.6 | 0.6 | 0.4 | 4.7 | 23.6 | 0.06 | 0.52 | 0.17 | 127 | 0.25 | 13.5 | 46.9 | 0.82 | 205.9 | 0.22 | 2 | 3.2 | 0.025 | 0.1 | | 0.15 | 16 | 0.7 | 0.03 | 10.2 | |
| MH99L-244 | 0.58 | 27.08 | 6.6 | 39.8 | 31 | 22.7 | 9.7 | 248 | 2.63 | 5.2 | 0.9 | 0.3 | 7.2 | 27.3 | 0.04 | 0.3 | 0.12 | 70 | 0.31 | 14.8 | 32.5 | 0.88 | 172.1 | 0.209 | 2.23 | 0.031 | 0.08 | | 0.09 | 18 | 0.6 | 0.02 | 6.3 | | |
| MH99L-245 | 0.38 | 20.02 | 8.53 | 42.6 | 20 | 17.6 | 7.8 | 288 | 2.46 | 4.3 | 1 | 0.9 | 11.2 | 23.9 | 0.05 | 0.27 | 0.13 | 59 | 0.28 | 24.6 | 23.2 | 0.59 | 161.3 | 0.166 | 1.76 | 0.027 | 0.13 | | 0.16 | 20 | 0.5 | 0.02 | 5.4 | | |
| MH99L-246 | 0.89 | 24.8 | 9.82 | 50.2 | 28 | 26.8 | 11.3 | 259 | 3.52 | 9.3 | 0.7 | 2.5 | 6.3 | 23.3 | 0.08 | 0.46 | 0.15 | 87 | 0.24 | 11.6 | 33.5 | 0.67 | 173.5 | 0.163 | 2 | 2.8 | 0.017 | 0.07 | | 0.11 | 21 | 0.9 | 0.03 | 7.8 | |
| MH99L-247 | 0.71 | 17.49 | 9.92 | 41.6 | 23 | 20.9 | 8.8 | 252 | 3.03 | 7.2 | 0.6 | 0.6 | 5.3 | 22.8 | 0.04 | 0.45 | 0.17 | 83 | 0.25 | 12.1 | 35 | 0.58 | 136.2 | 0.102 | 2.05 | 0.022 | 0.03 | | 0.09 | 13 | 0.6 | 0.02 | 5.7 | | |
| MH99L-248 | 0.59 | 20.61 | 8.14 | 43.4 | 17 | 18.7 | 8.5 | 282 | 2.8 | 5.5 | 0.9 | 0.2 | 6.9 | 27.1 | 0.05 | 0.32 | 0.11 | 66 | 0.3 | 15.9 | 27.7 | 0.69 | 149.1 | 0.137 | 1.92 | 0.02 | 0.08 | | 0.13 | 29 | 0.7 | 0.02 | 6.2 | | |
| MH99L-249 | 0.97 | 31.42 | 9.02 | 54.4 | 87 | 36.6 | 17.4 | 464 | 3.83 | 6.5 | 0.8 | 7.1 | 3.3 | 45.3 | 0.07 | 0.47 | 0.12 | 97 | 0.56 | 11.2 | 68.9 | 0.98 | 342.8 | 0.118 | 1 | 2.12 | 0.035 | 0.08 | | 0.08 | 39 | 0.4 | 0.03 | 6.2 | 0.01 |
| MH99L-250 | 0.61 | 23.96 | 4.23 | 73.2 | 19 | 17.4 | 16.7 | 445 | 5.17 | 7.9 | 0.7 | | 5.8 | 22.8 | 0.06 | 0.44 | 0.1 | 143 | 0.27 | 18.9 | 21.9 | 1.56 | 206.7 | 0.194 | 3.42 | 0.015 | 0.35 | | 0.22 | 19 | 0.8 | 0.03 | 11.6 | | |
| MH99L-251 | 1.39 | 20.14 | 9.32 | 57.2 | 45 | 16.1 | 13.8 | 554 | 3.79 | 9 | 0.4 | 4.5 | 3.4 | 21.3 | 0.06 | 0.48 | 0.17 | 123 | 0.25 | 10.6 | 25.3 | 0.81 | 195.4 | 0.166 | 3 | 2.46 | 0.017 | 0.21 | | 0.16 | 19 | 0.7 | 0.06 | 9.3 | 0.01 |
| MH99L-252 | 0.69 | 20.7 | 9.76 | 61.5 | 22 | 17.8 | 10.4 | 460 | 3.45 | 10.6 | 0.7 | 2 | 6.2 | 22.7 | 0.09 | 0.52 | 0.1 | 82 | 0.31 | 19.9 | 30 | 0.78 | 167.3 | 0.134 | 2 | 2.02 | 0.014 | 0.31 | | 0.22 | 22 | 0.9 | 0.04 | 7.5 | 0.02 |
| MH99L-253 | 0.19 | 2.8 | 1.28 | 7.1 | 26 | 1.3 | 1 | 33 | 0.51 | | 0.2 | 1.2 | | 8 | 0.02 | 0.05 | 0.03 | 12 | 0.06 | 1.6 | 3.2 | 0.05 | 22.5 | 0.009 | 1 | 0.26 | 0.021 | 0.02 | | 0.02 | 22 | 0.7 | 0.03 | 1.5 | 0.03 |
| MH99L-254 | 1.02 | 16.95 | 8.91 | 51 | 27 | 13.6 | 9.8 | 245 | 3.67 | 8.4 | 0.8 | 2.9 | 4 | 19.8 | 0.05 | 1.63 | 0.19 | 118 | 0.25 | 13 | 23 | 0.64 | 129.5 | 0.12 | 1.87 | 0.012 | 0.17 | | 0.16 | 30 | 0.7 | 0.06 | 8.1 | 0.02 | |
| MH99L-301 | 0.88 | 28.42 | 19.35 | 70.2 | 83 | 21.5 | 19.3 | 719 | 4.39 | 293.3 | 1.3 | 10.6 | 11.1 | 38 | 0.15 | 1.86 | 0.24 | 102 | 0.61 | 20.2 | 35.1 | 1.1 | 221.1 | 0.162 | 2.86 | 0.045 | 0.17 | 0.2 | 0.37 | 20 | | 0.05 | 6.5 | | |
| MH99L-302 | 0.84 | 21.99 | 13.86 | 59.2 | 57 | 21.2 | 17.1 | 507 | 3.8 | 65.6 | 0.8 | 6.5 | 7.9 | 31.4 | 0.16 | 0.86 | 0.17 | 95 | 0.48 | 10.3 | 38.7 | 0.92 | 179.5 | 0.195 | 1 | 2.92 | 0.038 | 0.13 | | 0.19 | 22 | 0.5 | 0.04 | 8.2 | |
| MH99L-303 | 1.06 | 15.47 | 20.99 | 56.9 | 195 | 18.8 | 10.8 | 434 | 3.77 | 179.8 | 1 | 6 | 6.7 | 39.2 | 0.15 | 1.68 | 0.3 | 87 | 0.57 | 12.8 | 35.7 | 0.8 | 192.7 | 0.122 | 2.54 | 0.035 | 0.12 | | 0.16 | 19 | 0.4 | 0.05 | 7.4 | | |
| MH99L-304 | 0.86 | 17.88 | 11.92 | 54.1 | 266 | 18.7 | 11.1 | 369 | 3.53 | 55.3 | 0.5 | 10.5 | 3.2 | 30.2 | 0.14 | 0.61 | 0.27 | 93 | 0.35 | 5.9 | 37.8 | 0.84 | 182.6 | 0.168 | 2.79 | 0.023 | 0.2 | 0.2 | 0.14 | 14 | 0.4 | 0.04 | 7.4 | | |

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|----------|---------|----------|----------|----------|----------|----------|----------|---------|--------|----------|----------|--------|----------|--------|---------|--------|--------|-------|---------|----------|----------|----------|----------|----------|-------|
| MH99L-305 | 0.43 | 18.52 | 8.45 | 69.4 | 41 | 9.6 | 17.9 | 694 | 4.19 | 54.1 | 1.3 | 4.2 | 5.2 | 32.4 | 0.09 | 0.43 | 0.22 | 102 | 0.49 | 13.5 | 24.8 | 1.23 | 295.2 | 0.191 | | 2.79 | 0.038 | 0.53 | | 0.39 | 16 | 0.5 | 0.04 | 7.8 | |
| MH99L-306 | 0.64 | 26.3 | 9.69 | 87.9 | 62 | 10.8 | 24.2 | 894 | 5.13 | 65.1 | 0.9 | 1.3 | 5.2 | 24.9 | 0.1 | 0.49 | 0.14 | 129 | 0.45 | 9 | 25.8 | 1.87 | 293.2 | 0.365 | | 3.91 | 0.019 | 0.9 | 0.2 | 0.69 | 7 | 0.4 | 0.05 | 10.5 | |
| MH99L-307 | 0.97 | 20.68 | 16.08 | 81.1 | 418 | 17.5 | 19.7 | 807 | 4.64 | 135.1 | 0.6 | 13.8 | 3.2 | 22.5 | 0.14 | 0.67 | 0.2 | 119 | 0.37 | 6.5 | 29.7 | 1.28 | 241.7 | 0.281 | 1 | 3.62 | 0.029 | 0.42 | 0.2 | 0.41 | 22 | 0.3 | 0.06 | 9.9 | |
| MH99L-308 | 1.3 | 23.38 | 17.8 | 66.6 | 108 | 24.7 | 19.9 | 514 | 4.53 | 59.9 | 1 | 6.3 | 5.9 | 26.2 | 0.11 | 1.01 | 0.23 | 117 | 0.28 | 9.1 | 46.8 | 1.1 | 279.1 | 0.239 | 1 | 4.39 | 0.039 | 0.12 | | 0.2 | 43 | 0.5 | 0.06 | 11.2 | |
| MH99L-309 | 0.88 | 24.01 | 15.12 | 63.5 | 216 | 20.6 | 16.5 | 432 | 4.17 | 83.2 | 0.8 | 8.8 | 4.9 | 26.4 | 0.16 | 0.78 | 0.4 | 109 | 0.36 | 9.5 | 36.2 | 0.96 | 221.8 | 0.197 | | 3.44 | 0.03 | 0.11 | 0.2 | 0.16 | 39 | 0.5 | 0.05 | 10.4 | |
| MH99L-310 | 1.2 | 28.72 | 27.71 | 84.3 | 626 | 21.2 | 14.1 | 611 | 4.01 | 257.2 | 1.2 | 83.9 | 3.7 | 37.5 | 0.42 | 1.08 | 0.33 | 100 | 0.47 | 12.6 | 40.6 | 0.76 | 270.2 | 0.172 | | 3.3 | 0.029 | 0.09 | 0.2 | 0.12 | 50 | 0.6 | 0.06 | 10 | |
| MH99L-311 | 0.61 | 30.28 | 17.27 | 67.7 | 631 | 18.2 | 14.6 | 508 | 3.53 | 158.8 | 2 | 62.3 | 3.7 | 44.2 | 0.18 | 0.87 | 0.21 | 83 | 0.74 | 16.3 | 28.9 | 0.8 | 422.1 | 0.157 | 1 | 2.45 | 0.036 | 0.22 | 0.4 | 0.17 | 47 | 0.5 | 0.04 | 7.2 | 0.01 |
| MH99L-312 | 0.34 | 27.89 | 10.24 | 67 | 190 | 16.8 | 13.3 | 557 | 3.54 | 82 | 2.5 | 27.4 | 4.7 | 35.5 | 0.11 | 0.72 | 0.19 | 86 | 0.7 | 13 | 30.6 | 0.93 | 380.2 | 0.196 | 1 | 2.41 | 0.04 | 0.28 | 0.2 | 0.23 | 34 | 0.3 | 0.05 | 7.3 | |
| MH99L-313 | 0.49 | 25.55 | 9.95 | 60.4 | 121 | 23 | 13.7 | 527 | 3.27 | 43.8 | 1.5 | 9.7 | 3.1 | 40.5 | 0.13 | 0.57 | 0.21 | 85 | 0.71 | 10.8 | 33.5 | 0.79 | 307.6 | 0.163 | 2 | 2.23 | 0.037 | 0.13 | 0.2 | 0.13 | 40 | 0.9 | 0.04 | 7 | |
| MH99L-314 | 0.57 | 21.53 | 7.45 | 58.7 | 94 | 19.4 | 14.4 | 497 | 3.13 | 29.3 | 1.1 | 16 | 2.6 | 40.7 | 0.13 | 0.43 | 0.16 | 79 | 0.67 | 10.4 | 30.4 | 0.79 | 270.6 | 0.155 | 1 | 2.09 | 0.035 | 0.09 | 0.2 | 0.11 | 32 | 0.7 | 0.04 | 6.3 | |
| MH99L-315 | 0.75 | 23.03 | 10.05 | 57.4 | 99 | 19.3 | 13.9 | 446 | 2.97 | 24.7 | 1.4 | 5.4 | 2.9 | 49.1 | 0.22 | 0.49 | 0.19 | 77 | 0.71 | 11 | 30.9 | 0.8 | 265.5 | 0.179 | 1 | 2.21 | 0.038 | 0.13 | 0.2 | 0.13 | 40 | 0.7 | 0.04 | 5.4 | |
| MH99L-316 | 0.73 | 19.24 | 9.89 | 55.6 | 97 | 17 | 12.7 | 444 | 2.9 | 30.7 | 1.1 | 12.7 | 2.6 | 42.4 | 0.22 | 0.42 | 0.17 | 76 | 0.62 | 9.5 | 29.7 | 0.77 | 233.5 | 0.178 | 2 | 2.16 | 0.034 | 0.13 | 0.2 | 0.12 | 35 | 0.8 | 0.05 | 6.3 | |
| MH99L-317 | 0.53 | 18.84 | 6.92 | 53.6 | 64 | 17 | 8.7 | 361 | 2.95 | 12.6 | 1.8 | 5.8 | 3 | 37.1 | 0.09 | 0.37 | 0.13 | 73 | 0.57 | 10.3 | 28.7 | 0.72 | 241 | 0.165 | 1 | 2.16 | 0.028 | 0.11 | 0.2 | 0.12 | 31 | 0.6 | 0.04 | 6.4 | |
| MH99L-318 | 0.65 | 29.12 | 7.76 | 55.3 | 79 | 22.9 | 13.3 | 444 | 3.01 | 9 | 1.2 | 3.1 | 2.6 | 46.7 | 0.14 | 0.52 | 0.14 | 75 | 0.76 | 9.7 | 36.3 | 0.79 | 235.6 | 0.162 | 1 | 2.22 | 0.048 | 0.08 | 0.2 | 0.09 | 32 | 0.7 | 0.04 | 6.7 | |
| MH99L-319 | 0.56 | 21.67 | 5.85 | 53 | 49 | 16.5 | 13.6 | 495 | 2.98 | 26.2 | 1.3 | 7.1 | 2.5 | 44.2 | 0.14 | 0.43 | 0.09 | 82 | 0.83 | 9.9 | 28.1 | 0.7 | 166.9 | 0.156 | 2 | 1.71 | 0.041 | 0.07 | 0.2 | 0.08 | 24 | 0.6 | 0.03 | 5.5 | |
| MH99L-320 | 0.46 | 37.37 | 6.18 | 61.1 | 65 | 27.9 | 12.9 | 476 | 3.29 | 11.3 | 0.4 | 4.8 | 2.7 | 62.9 | 0.11 | 0.36 | 0.11 | 88 | 1.43 | 8.8 | 38.1 | 0.87 | 188.7 | 0.158 | 2 | 2.05 | 0.073 | 0.07 | 0.2 | 0.06 | 25 | 0.6 | 0.04 | 5.8 | |
| MH99L-321 | 0.51 | 37.27 | 5.98 | 58.2 | 58 | 28.2 | 15.9 | 486 | 3.12 | 7.9 | 0.4 | 1.6 | 2.6 | 56.9 | 0.14 | 0.58 | 0.11 | 85 | 1.15 | 10 | 33.6 | 0.78 | 184.4 | 0.157 | 2 | 1.92 | 0.064 | 0.07 | 0.2 | 0.05 | 25 | 0.8 | 0.04 | 5.7 | |
| MH99L-322 | 0.78 | 32.55 | 5.65 | 48 | 48 | 20.5 | 14.5 | 429 | 2.76 | 7.2 | 0.8 | 5.2 | 1.3 | 44.3 | 0.12 | 0.44 | 0.1 | 67 | 0.72 | 10.7 | 27.1 | 0.51 | 187.8 | 0.1 | 1 | 1.82 | 0.039 | 0.06 | | 0.05 | 34 | 0.5 | 0.05 | 5.4 | |
| MH99L-323 | 0.79 | 25.85 | 6.62 | 50.8 | 42 | 19.9 | 12.8 | 393 | 2.83 | 10.8 | 0.6 | 1.8 | 1.6 | 42.9 | 0.12 | 0.39 | 0.12 | 72 | 0.64 | 7.9 | 30.2 | 0.61 | 153.9 | 0.129 | 2 | 1.91 | 0.046 | 0.07 | 0.2 | 0.07 | 31 | 0.7 | 0.04 | 6.1 | 0.01 |
| MH99L-324 | 0.5 | 29.13 | 6.72 | 51.2 | 70 | 25.1 | 12.1 | 394 | 2.88 | 16.3 | 0.7 | 2.9 | 2.5 | 43.2 | 0.12 | 0.49 | 0.14 | 72 | 0.75 | 7.2 | 29.3 | 0.62 | 169.8 | 0.132 | 2 | 1.7 | 0.05 | 0.07 | 0.2 | 0.06 | 33 | 0.6 | 0.06 | 5.5 | 0.01 |
| MH99L-325 | 0.53 | 37.14 | 6.24 | 57.5 | 66 | 27.2 | 14.1 | 493 | 2.95 | 9.7 | 0.3 | 2.3 | 2.4 | 58.6 | 0.18 | 0.59 | 0.12 | 72 | 1.86 | 8.2 | 31.3 | 0.81 | 149.5 | 0.134 | 2 | 1.61 | 0.056 | 0.1 | 0.2 | 0.06 | 26 | 0.4 | 0.05 | 5.1 | 0.01 |
| MH99L-326 | 0.53 | 22.65 | 5.71 | 50.6 | 42 | 22.1 | 11.8 | 375 | 2.79 | 5.5 | 0.3 | 3.2 | 1.9 | 35.2 | 0.13 | 0.46 | 0.1 | 74 | 0.76 | 6.2 | 28.9 | 0.65 | 116.2 | 0.137 | 1 | 1.51 | 0.039 | 0.09 | 0.2 | 0.04 | 23 | 0.3 | 0.04 | 4.9 | 0.01 |
| MH99L-327 | 0.46 | 30.34 | 5.31 | 53.8 | 51 | 25.9 | 12.7 | 454 | 2.82 | 8 | 0.3 | 1.5 | 2.6 | 58.2 | 0.15 | 0.49 | 0.1 | 72 | 1.53 | 8.1 | 29.9 | 0.78 | 128.9 | 0.135 | 2 | 1.53 | 0.058 | 0.11 | | 0.06 | 19 | 0.3 | 0.05 | 4.5 | 0.01 |
| MH99L-328 | 1.04 | 16.43 | 10.69 | 61.5 | 33 | 13.3 | 10.2 | 401 | 3.57 | 7.5 | 1.2 | 1.1 | 11.5 | 19.8 | 0.06 | 0.48 | 0.14 | 62 | 0.27 | 22 | 23.3 | 0.52 | 215.9 | 0.085 | | 2 | 0.014 | 0.23 | | 0.25 | 12 | 0.1 | 0.04 | 7.8 | 0.01 |
| MH99L-329 | 0.92 | 13.87 | 7.76 | 39.1 | 127 | 13.5 | 7.3 | 312 | 2.97 | 6.5 | 0.7 | 3.7 | 5.2 | 18.1 | 0.06 | 0.38 | 0.13 | 60 | 0.22 | 11.9 | 21.6 | 0.37 | 171.1 | 0.042 | | 1.73 | 0.016 | 0.11 | | 0.13 | 12 | 0.3 | 0.03 | 5.8 | |
| MH99L-330 | 0.68 | 8.83 | 5.03 | 17.4 | 51 | 6 | 4.3 | 180 | 1.36 | 3.1 | 0.2 | 1.3 | 1.3 | 10.2 | 0.03 | 0.23 | 0.1 | 35 | 0.11 | 3.3 | 9.9 | 0.14 | 68.2 | 0.071 | | 0.8 | 0.033 | 0.05 | | 0.05 | 7 | 0.2 | 0.02 | 4.4 | |
| MH99L-331 | 0.74 | 20.81 | 7.68 | 41.4 | 65 | 19.5 | 9.6 | 300 | 2.87 | 6.4 | 0.7 | 1 | 4.3 | 20.7 | 0.13 | 0.38 | 0.13 | 66 | 0.29 | 9.1 | 26.6 | 0.5 | 197.7 | 0.101 | | 1.88 | 0.023 | 0.07 | | 0.09 | 13 | 0.3 | 0.03 | 5.9 | |
| MH99L-332 | 1.55 | 22.12 | 12.73 | 41.2 | 56 | 14.2 | 8.2 | 549 | 3.27 | 15.6 | 0.9 | 2.3 | 4.1 | 22.3 | 0.1 | 0.38 | 0.21 | 70 | 0.27 | 8.6 | 23.1 | 0.33 | 202.3 | 0.06 | | 1.78 | 0.017 | 0.09 | | 0.1 | 22 | 0.3 | 0.05 | 6.1 | |
| MH99L-333 | 2.17 | 33.18 | 9.6 | 39.1 | 20 | 12.5 | 7.3 | 229 | 2.96 | 9.9 | 1.8 | 1 | 14.9 | 15.2 | 0.05 | 0.47 | 0.14 | 47 | 0.18 | 23.3 | 18.1 | 0.3 | 146.2 | 0.034 | | 1.55 | 0.011 | 0.11 | | 0.07 | 9 | 0.3 | 0.03 | 4.8 | |
| MH99L-334 | 1.37 | 15 | 8.26 | 35.9 | 55 | 22.1 | 9 | 283 | 2.49 | 8.1 | 0.6 | 1.1 | 2 | 21.4 | 0.11 | 0.46 | 0.2 | 68 | 0.25 | 5.9 | 48.9 | 0.44 | 140.6 | 0.082 | | 1.4 | 0.021 | 0.08 | | 0.08 | 11 | 0.2 | 0.03 | 5.8 | 0.01 |

| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|----------|---------|----------|----------|----------|----------|----------|----------|---------|--------|----------|----------|--------|----------|--------|---------|--------|--------|-------|---------|----------|----------|----------|----------|----------|-------|--|--|--|
| MH99L-335 | 1.39 | 20.89 | 10.04 | 56.1 | 89 | 18 | 14.8 | 1493 | 3.23 | 8.4 | 0.6 | 1.4 | 3.4 | 21.5 | 0.21 | 0.49 | 0.19 | 78 | 0.24 | 7.5 | 31 | 0.39 | 194.1 | 0.12 | 2.16 | 0.025 | 0.1 | 0.11 | 28 | 0.4 | 0.04 | 8.4 | | | | | | |
| MH99L-336 | 0.78 | 17.72 | 7.02 | 55.1 | 28 | 17.5 | 9.6 | 397 | 3.33 | 8.9 | 1 | 2 | 7.4 | 21.9 | 0.07 | 0.35 | 0.1 | 69 | 0.34 | 17.5 | 27.3 | 0.54 | 197.7 | 0.124 | 1.91 | 0.021 | 0.23 | 0.18 | 16 | 0.2 | 0.03 | 7.1 | | | | | | |
| MH99L-344 | 1.07 | 22.97 | 10.09 | 53 | 42 | 24.8 | 12.5 | 283 | 4.28 | 22.8 | 0.8 | 4.9 | 11.4 | 29.8 | 0.11 | 0.87 | 0.29 | 97 | 0.31 | 15.3 | 40.6 | 0.74 | 253 | 0.163 | 1 | 3.77 | 0.03 | 0.12 | 0.13 | 43 | 0.6 | 0.07 | 8.9 | | | | | |
| MH99L-345 | 1.58 | 26.43 | 9.58 | 49.1 | 84 | 22.8 | 11.1 | 291 | 3.92 | 24.4 | 0.7 | 3.4 | 4.9 | 17 | 0.15 | 0.71 | 0.2 | 94 | 0.17 | 9.5 | 39.7 | 0.49 | 175.8 | 0.144 | 3.14 | 0.037 | 0.07 | 0.1 | 21 | 0.4 | 0.05 | 9.3 | | | | | | |
| MH99L-346 | 1.92 | 23.83 | 10.82 | 63 | 93 | 24 | 13.1 | 358 | 4.05 | 14.6 | 0.4 | 1.9 | 3.6 | 18 | 0.12 | 0.78 | 0.29 | 102 | 0.19 | 6.8 | 41.1 | 0.54 | 244.4 | 0.154 | 2.99 | 0.023 | 0.06 | 0.2 | 0.13 | 20 | 0.4 | 0.06 | 11.2 | | | | | |
| MH99L-347 | 1.19 | 24 | 10.06 | 46.6 | 110 | 27.8 | 12.2 | 346 | 3.62 | 33.1 | 0.7 | 5.4 | 3.2 | 31.3 | 0.09 | 0.83 | 0.18 | 85 | 0.27 | 7.9 | 45.5 | 0.6 | 288.2 | 0.151 | 2.6 | 0.043 | 0.08 | 0.12 | 26 | 0.3 | 0.05 | 7.7 | | | | | | |
| MH99L-348 | 0.89 | 31.21 | 10.5 | 61 | 33 | 36.5 | 15.1 | 406 | 3.99 | 58.1 | 0.5 | 10.3 | 3.3 | 19.4 | 0.24 | 0.7 | 0.13 | 97 | 0.26 | 5.6 | 46.6 | 0.83 | 231.5 | 0.166 | 1 | 3.6 | 0.029 | 0.07 | 0.1 | 29 | 0.3 | 0.05 | 8.2 | | | | | |
| MH99L-349 | 1.1 | 25 | 20.71 | 58.8 | 54 | 23.5 | 12.2 | 442 | 3.44 | 205 | 1 | 363.7 | 11.8 | 27 | 0.14 | 1.11 | 0.13 | 75 | 0.31 | 19.3 | 37.1 | 0.78 | 274 | 0.154 | 1 | 2.62 | 0.034 | 0.1 | 0.13 | 17 | 0.4 | 0.03 | 7.4 | | | | | |
| MH99L-350 | 3.28 | 11.58 | 15.15 | 53 | 23 | 8.9 | 5.7 | 356 | 2.34 | 24.1 | 1.3 | 2.7 | 9 | 10.1 | 0.12 | 1.2 | 0.17 | 53 | 0.09 | 26.8 | 15.3 | 0.37 | 108.3 | 0.062 | 1.27 | 0.016 | 0.14 | 0.13 | 8 | 0.2 | 0.02 | 6.9 | 0.01 | | | | | |
| MH99L-351 | 1.21 | 19.16 | 24.33 | 62.2 | 21 | 21.2 | 10.7 | 332 | 3.23 | 25.2 | 0.7 | 5.2 | 9.1 | 20.9 | 0.13 | 1.1 | 0.11 | 69 | 0.29 | 15.8 | 29.2 | 0.83 | 181.1 | 0.153 | 2.45 | 0.027 | 0.11 | 0.14 | 18 | 0.4 | 0.03 | 7 | | | | | | |
| MH99L-352 | 0.91 | 11.35 | 5.89 | 31.4 | 80 | 10.7 | 5.9 | 213 | 2.43 | 8.6 | 0.2 | 0.9 | 1.5 | 12.8 | 0.13 | 0.34 | 0.12 | 61 | 0.16 | 2.9 | 16.4 | 0.24 | 100.9 | 0.085 | 1.3 | 0.015 | 0.04 | 0.06 | 18 | 0.2 | 0.03 | 5.8 | 0.01 | | | | | |
| MH99L-354 | 1.6 | 18.24 | 11.16 | 46 | 376 | 10.4 | 7.3 | 278 | 3.11 | 16 | 0.4 | 4.4 | 5 | 14.8 | 0.16 | 1.51 | 0.19 | 78 | 0.16 | 7 | 22.7 | 0.35 | 172 | 0.11 | 1.79 | 0.018 | 0.07 | 0.1 | 19 | 0.3 | 0.05 | 8.3 | | | | | | |
| MH99L-355 | 1.46 | 20.25 | 11.42 | 90.9 | 68 | 27.1 | 15.7 | 576 | 4.01 | 6.8 | 0.7 | 1 | 6.5 | 11.9 | 0.23 | 0.67 | 0.19 | 95 | 0.16 | 13.9 | 54.7 | 0.94 | 224.1 | 0.143 | 3.28 | 0.026 | 0.08 | 0.23 | 13 | 0.3 | 0.03 | 11.3 | | | | | | |
| MH99L-356 | 1.26 | 20.36 | 8.09 | 57.2 | 56 | 18.6 | 11.1 | 414 | 3.39 | 8.6 | 0.4 | 2.5 | 2.1 | 21.8 | 0.2 | 0.59 | 0.15 | 87 | 0.22 | 6 | 33.3 | 0.5 | 178.5 | 0.142 | 2.39 | 0.035 | 0.05 | 0.09 | 13 | 0.2 | 0.05 | 8.2 | | | | | | |
| MH99L-357 | 1.12 | 14.71 | 7.8 | 44 | 62 | 13.2 | 7.5 | 382 | 2.66 | 5.2 | 0.3 | 1.3 | 1.8 | 18.5 | 0.19 | 0.46 | 0.16 | 69 | 0.22 | 4.6 | 22.9 | 0.37 | 198.7 | 0.116 | 1.68 | 0.027 | 0.06 | 0.08 | 17 | 0.2 | 0.05 | 7.2 | | | | | | |
| MH99L-358 | 0.92 | 19.87 | 8.54 | 93.7 | 54 | 21.9 | 12.9 | 1084 | 3.46 | 5 | 0.4 | 2.7 | 3.6 | 20.3 | 0.45 | 0.69 | 0.16 | 79 | 0.33 | 7.7 | 32.3 | 0.66 | 245 | 0.141 | 2.28 | 0.021 | 0.13 | 0.15 | 10 | 0.2 | 0.05 | 8.7 | | | | | | |
| MH99L-359 | 1.35 | 13.01 | 7.82 | 47.9 | 37 | 12.4 | 7.9 | 798 | 2.58 | 4.4 | 0.6 | 1.1 | 5.5 | 15.5 | 0.17 | 0.59 | 0.21 | 76 | 0.16 | 11.6 | 24.4 | 0.39 | 162.6 | 0.11 | 1.47 | 0.016 | 0.08 | 0.17 | 15 | 0.3 | 0.06 | 8.4 | | | | | | |
| MH99L-360 | 0.95 | 31.96 | 8.28 | 49.6 | 45 | 32.3 | 14 | 409 | 3.53 | 10.7 | 0.5 | 1.5 | 4.8 | 20.8 | 0.15 | 0.64 | 0.15 | 89 | 0.24 | 6.6 | 43 | 0.71 | 377.1 | 0.169 | 1 | 3.23 | 0.028 | 0.06 | 0.1 | 22 | 0.6 | 0.04 | 8.5 | | | | | |
| MH99L-361 | 0.9 | 13.61 | 8.1 | 45.6 | 27 | 9.8 | 7.8 | 379 | 2.59 | 4.1 | 0.3 | 0.5 | 6.4 | 15.3 | 0.16 | 0.43 | 0.15 | 62 | 0.14 | 8.6 | 19 | 0.35 | 200.9 | 0.082 | 1.62 | 0.023 | 0.04 | 0.09 | 14 | 0.3 | 0.05 | 7.1 | | | | | | |
| MH99L-362 | 0.98 | 17.45 | 9 | 79.1 | 60 | 13.2 | 10.9 | 2630 | 3.21 | 5.7 | 0.4 | 1.1 | 4.1 | 20.3 | 0.22 | 0.48 | 0.17 | 75 | 0.26 | 9.4 | 22 | 0.34 | 279.5 | 0.086 | 1.78 | 0.019 | 0.04 | 0.13 | 22 | 0.5 | 0.04 | 7.5 | 0.01 | | | | | |
| MH99L-363 | 0.88 | 19.51 | 8.44 | 54.7 | 96 | 21 | 11.9 | 360 | 3.57 | 6.8 | 0.3 | 2.9 | 3.8 | 24.8 | 0.16 | 0.41 | 0.16 | 89 | 0.27 | 6.9 | 34.5 | 0.52 | 263.1 | 0.133 | 1 | 2.49 | 0.024 | 0.06 | 0.1 | 14 | 0.4 | 0.04 | 8.3 | | | | | |
| MH99L-364 | 1.05 | 25.73 | 11.39 | 58 | 12 | 24.4 | 10.2 | 496 | 3.58 | 9.3 | 0.7 | 1.6 | 8.2 | 24.4 | 0.19 | 0.65 | 0.15 | 83 | 0.29 | 13 | 39.2 | 0.75 | 243.6 | 0.15 | 1 | 3.14 | 0.032 | 0.08 | 0.1 | 23 | 0.6 | 0.04 | 9 | | | | | |
| MH99L-365 | 0.44 | 19.07 | 6.78 | 21.6 | 69 | 5.2 | 2.5 | 201 | 1.02 | 2.2 | 0.4 | 3.6 | 1.2 | 23.6 | 0.17 | 0.21 | 0.2 | 21 | 0.18 | 5.4 | 11.9 | 0.08 | 166.7 | 0.053 | 1 | 0.98 | 0.035 | 0.03 | 0.06 | 32 | 0.4 | 0.03 | 4 | 0.03 | | | | |
| MH99L-366 | 1.05 | 15.59 | 9.46 | 40.4 | 22 | 13.9 | 8.8 | 276 | 3.07 | 11 | 1.1 | 0.5 | 9 | 15.3 | 0.06 | 0.46 | 0.18 | 63 | 0.19 | 16.8 | 25.4 | 0.43 | 137.4 | 0.097 | 1.93 | 0.021 | 0.15 | 0.2 | 0.2 | 11 | 0.3 | 0.03 | 6.9 | | | | | |
| MH99L-367 | 0.77 | 20.39 | 11.52 | 46.8 | 52 | 15.5 | 8.5 | 430 | 2.64 | 40.5 | 1.2 | 1.8 | 7.5 | 22 | 0.08 | 0.37 | 0.19 | 60 | 0.25 | 15.1 | 29.5 | 0.47 | 218.2 | 0.114 | 1.64 | 0.026 | 0.11 | 0.12 | 19 | 0.3 | 0.04 | 5.5 | | | | | | |
| MH99L-368 | 1.13 | 33.51 | 23.05 | 51.7 | 1205 | 20.7 | 12.8 | 235 | 3.95 | 216 | 1.8 | 7.1 | 10.8 | 18.2 | 0.22 | 1.17 | 0.77 | 85 | 0.2 | 7.4 | 42.8 | 0.54 | 183.8 | 0.113 | 1 | 3.76 | 0.026 | 0.07 | 0.2 | 0.16 | 94 | 0.6 | 0.05 | 7 | | | | |
| MH99L-369 | 0.92 | 31.09 | 32.4 | 75.2 | 219 | 19.2 | 14.6 | 616 | 4.21 | 136 | 3 | 10.1 | 11.7 | 18.1 | 0.27 | 1.22 | 0.49 | 96 | 0.27 | 15.4 | 32.8 | 0.74 | 290.2 | 0.169 | 3.04 | 0.025 | 0.27 | 0.2 | 0.37 | 25 | 0.5 | 0.06 | 9.1 | | | | | |
| MH99L-370 | 1.14 | 15.91 | 19.31 | 41.6 | 103 | 9.4 | 7.1 | 283 | 2.56 | 21 | 0.9 | 3.4 | 5.2 | 17.1 | 0.23 | 0.55 | 0.24 | 66 | 0.17 | 7 | 19 | 0.31 | 140.7 | 0.085 | 1.48 | 0.02 | 0.1 | 0.14 | 27 | 0.4 | 0.04 | 7.1 | 0.01 | | | | | |
| MH99L-371 | 0.97 | 23.09 | 20.55 | 53.3 | 119 | 15.5 | 10.3 | 326 | 3.61 | 34.9 | 1.2 | 6.9 | 8.4 | 22.4 | 0.2 | 0.69 | 0.44 | 96 | 0.28 | 9.3 | 28.9 | 0.67 | 170.1 | 0.161 | 1 | 2.43 | 0.023 | 0.15 | 0.24 | 33 | 0.5 | 0.06 | 8.9 | 0.01 | | | | |
| MH99L-372 | 0.47 | 33.42 | 13.88 | 74.6 | 37 | 21.3 | 17.9 | 659 | 4.24 | 57 | 1.8 | 9.1 | 15.9 | 26 | 0.1 | 0.65 | 0.19 | 104 | 0.44 | 63.7 | 35.4 | 1.29 | 251.5 | 0.263 | 1 | 2.82 | 0.021 | 0.48 | 0.3 | 0.67 | 16 | 0.3 | 0.06 | 8 | | | | |

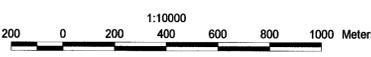
| Sample | Mo (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppb) | Ni (ppm) | Co (ppm) | Mn (ppm) | Fe (%) | As (ppm) | U (ppm) | Au (ppb) | Th (ppm) | Sr (ppm) | Cd (ppm) | Sb (ppm) | Bi (ppm) | V (ppm) | Ca (%) | La (ppm) | Cr (ppm) | Mg (%) | Ba (ppm) | Ti (%) | B (ppm) | Al (%) | Na (%) | K (%) | W (ppm) | Tl (ppm) | Hg (ppb) | Se (ppm) | Te (ppm) | Ga (ppm) | S (%) |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-----------|-------------|-------------|-----------|-------------|--------|------------|--------|-----------|----------|------------|-------------|-------------|-------------|-------------|-------------|----------|
| MH99L-373 | 0.49 | 34.22 | 15.02 | 80 | 29 | 16.8 | 19.3 | 804 | 5.17 | 221.3 | 1.7 | 4.6 | 12.5 | 15.4 | 0.11 | 0.95 | 0.37 | 115 | 0.42 | 24.6 | 28.6 | 1.5 | 194.5 | 0.266 | | 3.15 | 0.028 | 0.75 | 0.2 | 0.92 | 11 | 0.4 | 0.05 | 8.1 | |
| MH99L-374 | 0.55 | 33.95 | 20.57 | 59 | 45 | 31 | 18.4 | 544 | 4.03 | 97.3 | 1 | 1.7 | 9.4 | 19.5 | 0.12 | 0.58 | 0.23 | 97 | 0.31 | 7.7 | 54.6 | 1.04 | 228.8 | 0.236 | | 3.48 | 0.028 | 0.24 | 0.2 | 0.36 | 12 | 0.3 | 0.05 | 8.2 | |
| MH99L-375 | 1.06 | 26.84 | 16.15 | 57.1 | 39 | 23.7 | 15 | 459 | 4.01 | 84.9 | 1.3 | 8.7 | 6.8 | 18.6 | 0.13 | 0.8 | 0.35 | 97 | 0.23 | 6.9 | 38.3 | 0.86 | 142.4 | 0.184 | 1 | 3.07 | 0.026 | 0.26 | 0.2 | 0.43 | 32 | 0.5 | 0.06 | 8.5 | |
| MH99L-376 | 0.45 | 6.95 | 7.22 | 16.1 | 241 | 3.6 | 2.7 | 91 | 1.1 | 26.4 | 0.6 | 3.4 | 1.7 | 10.4 | 0.04 | 0.28 | 0.13 | 27 | 0.11 | 5 | 7.9 | 0.16 | 55.9 | 0.068 | | 0.72 | 0.039 | 0.04 | | 0.08 | 24 | 0.1 | 0.03 | 3.5 | 0.04 |
| MH99L-377 | 1 | 25.95 | 15.94 | 73 | 107 | 16.8 | 15.3 | 565 | 4.5 | 54.4 | 1.2 | 5.5 | 8.2 | 15.5 | 0.2 | 0.83 | 0.55 | 104 | 0.2 | 7.8 | 30.4 | 0.99 | 182.4 | 0.175 | | 3.01 | 0.017 | 0.42 | | 0.56 | 9 | 0.3 | 0.05 | 7.9 | |
| MH99L-378 | 0.68 | 17.32 | 8.6 | 30.7 | 264 | 8.1 | 5.7 | 230 | 2.41 | 30.2 | 0.7 | 2.6 | 5.6 | 16.9 | 0.1 | 0.44 | 0.23 | 64 | 0.17 | 12.1 | 18.4 | 0.28 | 140.6 | 0.115 | | 1.61 | 0.029 | 0.07 | 0.2 | 0.16 | 27 | 0.4 | 0.05 | 7 | |
| MH99L-379 | 1.22 | 15.53 | 13.53 | 33.5 | 188 | 10.8 | 6.3 | 167 | 2.78 | 58.9 | 0.5 | 5.5 | 3.2 | 13.2 | 0.08 | 0.71 | 0.26 | 76 | 0.14 | 6.2 | 21.7 | 0.28 | 120 | 0.085 | | 1.81 | 0.016 | 0.06 | | 0.13 | 19 | 0.2 | 0.04 | 7.8 | |
| MH99L-380 | 1.12 | 15.24 | 14.71 | 32.7 | 358 | 7.8 | 4.1 | 150 | 2.26 | 13.6 | 0.5 | 2.9 | 2.3 | 15.2 | 0.21 | 0.57 | 0.3 | 64 | 0.13 | 7 | 21.1 | 0.26 | 99.7 | 0.116 | | 1.48 | 0.027 | 0.08 | | 0.1 | 24 | 0.3 | 0.05 | 7.4 | |
| MH99L-381 | 1.3 | 28.3 | 52.24 | 59.3 | 502 | 25.5 | 12.6 | 349 | 4.38 | 75.4 | 1.3 | 5.9 | 8 | 22.5 | 0.21 | 0.96 | 0.89 | 106 | 0.29 | 10.6 | 40.1 | 0.72 | 203.6 | 0.155 | 1 | 3.06 | 0.027 | 0.14 | 0.2 | 0.17 | 45 | 0.3 | 0.08 | 8.3 | |
| MH99L-382 | 1.17 | 26.76 | 11.57 | 45.9 | 387 | 21.5 | 12.5 | 300 | 3.83 | 13.9 | 0.8 | 4.4 | 4.9 | 17 | 0.16 | 0.72 | 0.21 | 89 | 0.21 | 8.9 | 37.1 | 0.57 | 173.8 | 0.145 | 1 | 3.27 | 0.019 | 0.11 | | 0.15 | 51 | 0.4 | 0.04 | 7.7 | |
| MH99L-383 | 0.77 | 27.27 | 13.55 | 76 | 45 | 21 | 16.5 | 737 | 5.14 | 416.5 | 1 | 2.8 | 10.3 | 16 | 0.17 | 0.5 | 0.57 | 116 | 0.3 | 8.3 | 33.3 | 1.35 | 166.7 | 0.256 | 1 | 3.6 | 0.029 | 0.7 | 0.2 | 0.73 | 21 | 0.4 | 0.05 | 9.8 | |
| MH99L-384 | 0.66 | 27.78 | 9.35 | 54.6 | 36 | 20.9 | 12.4 | 465 | 3.95 | 327 | 1.1 | 3.6 | 6.5 | 20.7 | 0.07 | 0.51 | 0.23 | 101 | 0.33 | 14.5 | 33.3 | 0.88 | 190.4 | 0.202 | 1 | 2.82 | 0.025 | 0.21 | | 0.24 | 14 | 0.3 | 0.06 | 7.9 | |
| MH99L-385 | 0.48 | 10.52 | 7.46 | 22.5 | 53 | 5.3 | 3.5 | 111 | 1.82 | 11.7 | 0.4 | 3.9 | 1.2 | 12 | 0.08 | 0.23 | 0.17 | 52 | 0.13 | 3.4 | 12.7 | 0.3 | 78.1 | 0.146 | | 1.23 | 0.028 | 0.1 | | 0.11 | 14 | 0.1 | 0.04 | 5.7 | 0.03 |



- Geological Legend**
- Shear Zone
 - - - Talus Slope
 - - - - - Airphoto Linears (Faults?)
 - MH99R-001 x Rock Sample Locations
 - MH99S-001 o Stream Sediment Sample Locations
 - MH99L-001 A Soil Sample Locations
 - /// Placer Workings

- Access**
- Roads
 - - - - - Cat track
 - - - - - ATV trail
 - ~ ~ ~ ~ ~ Swampy Areas

094045
DWS



TROYMIN RESOURCES Ltd.
MOOSEHORN PROPERTY
Geology and Sample Location Map
 Whitehorse Mining District, Yukon Territory
 November, 1999
 Figure 4
 CASHELMAN GEOLOGICAL SERVICES