BC Geological Survey
Assessment Report
29936

~ASSESSMENT REPORT~

GEOLOGY AND MINERAL POTENTIAL

OF THE

ATLIN HORSE PROPERTY, SURPRISE LAKE BATHOLITH AREA

104N/11W

Latitude: 59° 40'North Longitude: 133° 5'West

ATLIN MINING DIVISION BRITISH COLUMBIA

for

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TABLE OF CONTENTS

	Page
1.0 Summary	1
2.0 Introduction and Terms of Reference	1
3.0 Property Description and Location	2
4.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography	2
5.0 History	3
6.0 Exploration Setting	3
6.1 Regional Geological Setting	3
6.2 Property Geology	5
7.0 Deposit Types	6
8.0 Mineralization	7
9.0 Exploration	8
10.0 Adjacent Properties	8
11.0 Interpretation and Conclusions	10
12.0 Recommendations	10
13.0 References	10

TABLES

	After Page
1.0 Mineral Tenures: Atlin Horse Property	2
2.0 Batholith Lithogeochemistry: Ray et al. (2000)	6
3.0 Batholith Lithogeochemistry: Ballantyne & Littlejohn (1982)	6

FIGURES

	After Page
1.0 Regional Location Map: Atlin Horse Property	2
2.0 Mineral Tenures and Mineral Occurrences Map	2
3.0 Simplified Regional Geology Map: Atlin Area	3
4.0 Residual Total Magnetic Field, Surprise Lake Area: Map	5
5.0 Landsat Image: Atlin Horse Property	8

APPENDICES

Appendix 1 - Certificates of Qualification…….. 14
Appendix 2 - Atlin Horse Soil Geochemical Data…… 15
Appendix 3 - Atlin Horse Silt Geochemical Data…… 16

Appendix A - 2007 Season Cost Statement…… 17
Appendix B - Sample Locations & Assay Highlights…… … 18
Appendix C - Sampling Method……. 19
Appendix D - Analysis Certificates & Procedures……. 20
Appendix E - Soil Horizons & Other Layers…… …… 21
Appendix F - Statement of Work Documents…..…… 22
Appendic G - Atlin Horse Soil & Silt Histograms…… 23

1.0: Summary

The Ruby Creek molybdenum deposit, near Atlin. British Columbia, formed in the core of a granite stock that is an off-shoot of a major intrusion, the Surprise Lake Batholith. It is a "Climax-type" deposit that formed from fluids exsolved from a highly fractionated granite magma. Intrusions of this type are fluorine rich and contain elevated amounts of Mo, W, Sn, U and rare-earth elements. The distribution of the metals is commonly zoned, with Mo deposited in the centre of an intrusion and other elements located further out, nearer the outer contact.

Ballantyne and Littlejohn (1982) and Ray et al (2000) describe vein and skarn-type deposits formed near the inferred top and outer margins of the Surprise Lake Batholith. In particular, Ballantyne and Littlejohn describe the presence of yttrium-bearing fluorite in veins on Mount Weir that probably formed from late fluids emanating from the largely crystallized magma chamber below. They also discuss base-metal sulphide and oxide veins found at the same locality. These were probable formed through convective introduction of lead and zinc-bearing hydrothermal fluids from outside the intrusion.

The Surprise Lake batholith was explored for uranium in the late 1970s. Ballantyne and Littlejohn (1982) show that some uranium was leached out of its primary host mineral (thorite) as cooling, residual, magmatic fluid reacted with rocks in the outer part of the magma chamber. It was deposited on fractures near the outer contact of the batholith and. in some cases, was later remobilized by groundwater. Dissolution of mobilized uranium probably gave rise to the radioactive "hot-springs" at Trout Lake. Exploration in the batholith ended with the imposition of the British Columbia Uranium Moratorium in the early 1980s. There has been almost no exploration for rare-earth elements.

Stream and soil sediment sampling by Future Metals Inc. has defined an interesting rare-earth anomaly near the head of Horse (Moose) Creek. The cause and significance of the anomaly is unknown. However, it may be significant that it is at high elevation on the creek and that the surrounding rocks, like those on Mount Weir are closer to the outer margin of the batholith than those exposed down-creek. The area should be explored for veins and for pegmatite bodies.

2.0: Introduction and Terms of Reference

This report reviews the geology of the Surprise Lake Batholith and its mineral potential. It also summarizes such previous work on Future Metals Inc/s "Atlin Horse" property, near Atlin, British Columbia, as is available to the author. It was written at the request of Mr. Michael Renning; President of Future Metals Inc. (#4048 Dollarton Highway, North Vancouver, B.C., V7G 1A2).

The technical data in this report comes from a variety of open file and/or published reports, and the soil geochemical data comes from Mr. Michael Renning. The data

presented are in accord with the author's knowledge of the Surprise Lake Batholith; however, his personal experience is limited to the Mount Leonard Stock, an outlier to the northeast of the main body of the batholith.

3.0: Property Description and Location

The Atlin Horse property is at latitude 59° 40’ north and longitude 133° 5' west, approximately 30 km east of the community of Atlin, in northern British Columbia (Figure 1). The tenures are shown in Figures 2, 4 and 5 and are listed in Table 1. They cover 5,822 hectares. According to the British Columbia Ministry of Energy, Mines and Petroleum Resources, Mineral Titles Branch website, the Uturn and Uturn2 claims are 100% owned by Mr. Michael Douglas Renning; the rest are owned by Future Metals Inc. They are currently listed as being “in good standing” until 1st November, 2008, or later.

There are coincident placer tenures on parts of two claims. The Alamo (#361753) tenure (50 hectares) is owned by Mr. Donald Neil Bieraugle. It is near the mouth of Horse (Moose) Creek, at the northeast end of the property. There is also an unnamed (#398531) tenure (151.5 hectares) owned by Mr. Larry Alexander Prince on Union Creek, at the southwest end of the property. There are no other known encumbrances. The property is in the Taku River Tlingit First Nation traditional area.

Data relating to ownership of the claims (and thus the Future Metals Inc. property) comes from the British Columbia Ministry of Energy and Mines' "Mineral Titles On-Line" website, and from Future Metals Inc. The author has no reason to doubt the company and individual's title to the property but he disclaims responsibility for the information.

4.0: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Atlin Horse claims form a contiguous block on the southeast side of Surprise Lake. The tenures extend for a distance of approximately 12 kilometres in a northwest and 6 kilometres in a southeast direction. They are centered on the Quartz and Horse (Moose) Creek drainages and cover part of the adjacent Hemlock Creek drainage. All three have their headwaters in alpine cirques and flow to the northwest into Surprise Lake. There is road access to the property near the Surprise Lake shore line and there is a spur road that provides access to slightly higher elevation in the Quartz Creek drainage (Figure 5).

The terrain is relatively subdued and rolling near Surprise Lake but becomes more rugged as elevation rises to the south. Relief is in the order of 1000 metres, from 940 metres at Lake-shore to approximately 1700 metres on the ridge line and tops of mountains higher than that. The claims straddle tree-line, at approximately 1400 metres elevation. The larger creeks cut into glacial deposits and the lesser ones feed down-stream into swampy ground. The upper slopes are covered by talus, grass and buck brush.

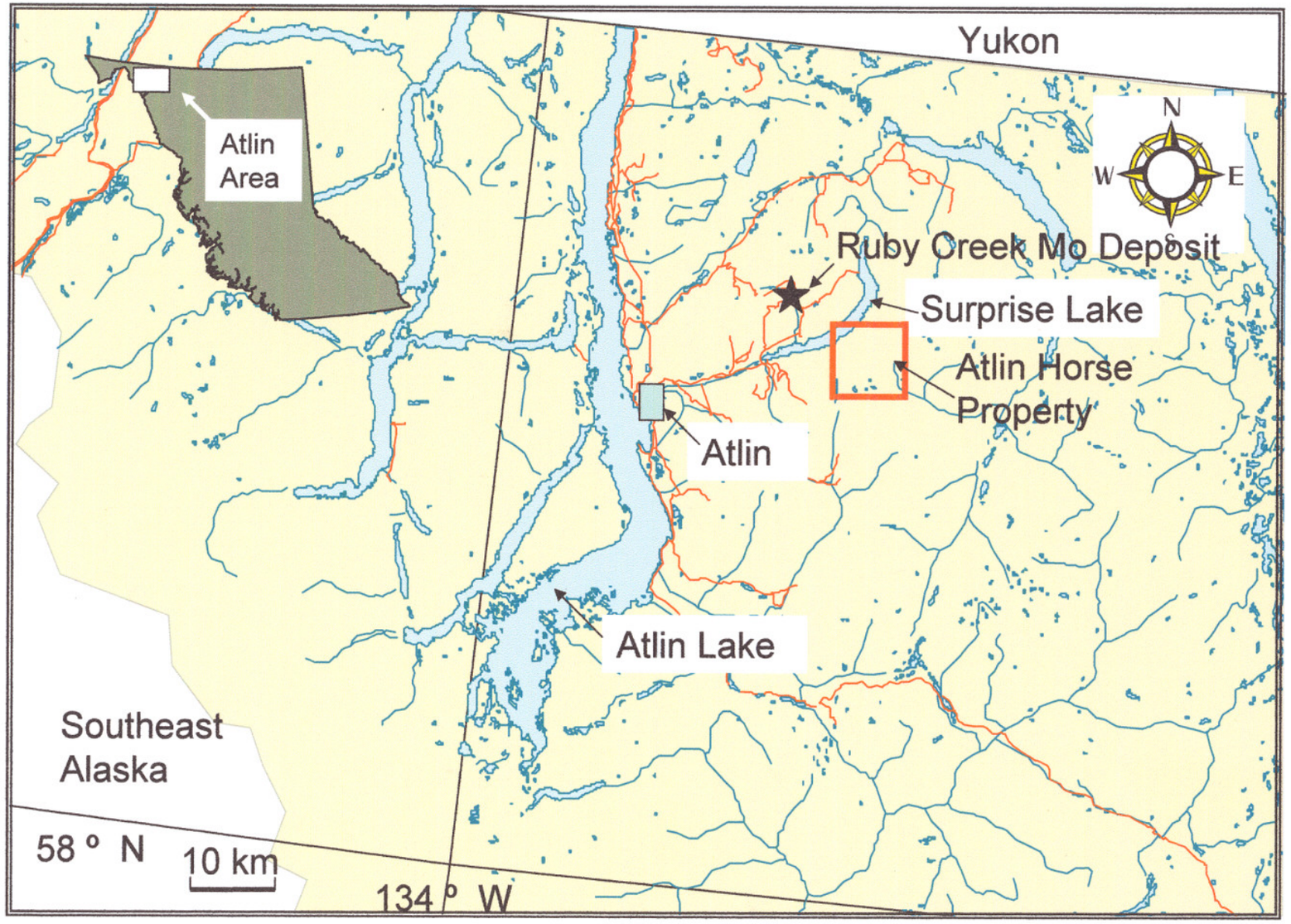

Figure 1: Regional Location Map: Atlin Horse Property

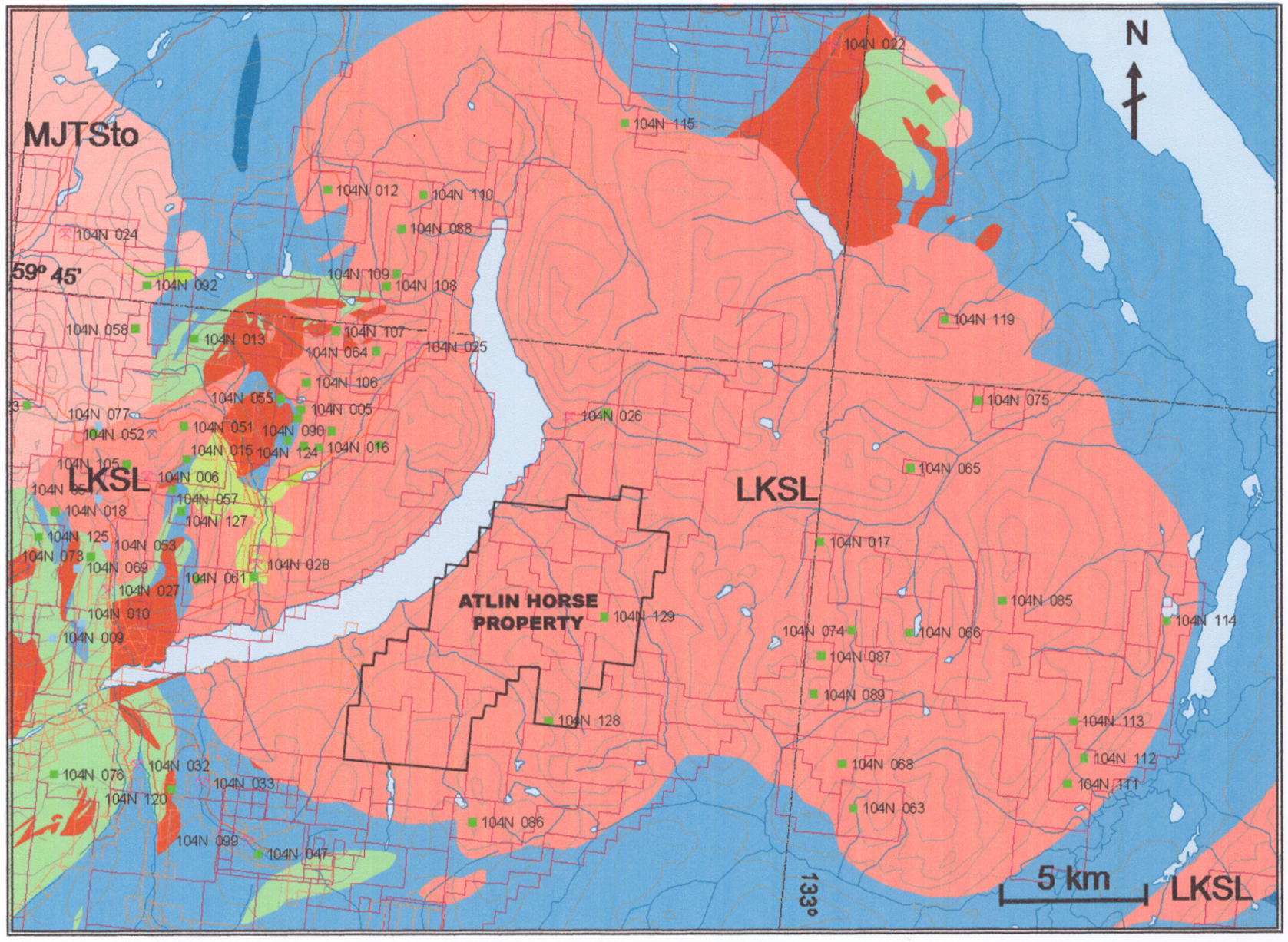

Figure 2: Mineral Tenures and Mineral Occurrences

TABLE 1
SURPRISE LAKE PROPERTY

Tenure Name	Tenure Type	Tenure Number	Area (Hectares)	NTS Map Area	Tenure Owner	Good-to Date
FUTURE	Mineral	552052	408.4985	104N	209128(100%	15th Feb2010
FUTURE 2	Mineral	552054	408.6755	104N	209128(100%	15th Feb2010
BASE	Mineral	555479	408.8450	104N	209128(100%	31st Mar 2010
BASE 2	Mineral	555483	409.0668	104N	209128(100%	31st Mar 2010
TINMAN	Mineral	555485	408.7712	104N	209128(100%	31st Mar 2010
FUTURE 3	Mineral	555795	408.7405	104N	209128(100%	5th Apr 2010
FUTURE 4	Mineral	555798	294.4345	104N	209128(100%	5th Apr 2010
TINMAN 3	Mineral	569150	408.8094	104N	209128(100%	1stNov2008
MGB	Mineral	571310	408.4464	104N	209128(100%	5th Dec 2008
UTURN	Mineral	570354	408.5982	104N	122573(100%	20th Nov 2008
UTURN 2	Mineral	570356	408.9987	104N	122573(100%	20th Nov 2008
Ucan	Mineral	571405	409.3060	104N	209128(100%	7th Dec 2008
Utah	Mineral	571506	409.1010	104N	209128(100%	7th Dec 2008
Uowe	Mineral	571507	409.2040	104N	209128(100%	7th Dec 2008
Unst	Mineral	571408	212.7980	104N	209128(100%	7th Dec 2008

* = Future Metals Inc.

** = Michael Douglas Renning

and the lower slopes, below tree-line, are covered by an open, widespread, growth of immature pine, spruce, and willow.

The climate is typical of the Whitehorse - Northern Lakes Region. The summers are short but relatively dry and warm. The winters are cold and wet. There is commonly a substantial build-up of snow at upper elevations that stays on north facing slopes until May or June.

5.0: History

The Future Metals Inc. claim block has seen intermittent exploration since the early 1900s, when placer gold was first mined in the Atlin area. The British Columbia Ministry of Energy, Mines and Petroleum Resources "MINFILE" database shows that a small amount of placer gold was recovered from Granite Creek, the next major drainage to the north of the claim group (MINFILE 104N 026) in the early 1900s. There are two currently two active placer tenures over parts of the property. None of the early exploration work is documented. The first recorded exploration in area was done in the late 1970s, following the release of a joint Federal-Provincial Uranium Reconnaissance (stream geochemical) Survey of the Atlin area, in 1977.

6.0: Exploration Setting

Much of the early exploration work in the Atlin area was done without the benefit of geological mapping or any clear understanding of the source of the gold. Although most of it is probably derived from mineralized mesothermal (quartz-carbonate) veins in Cache Creek Group volcanic rocks and associated ultramafic plutons surrounding the Surprise Lake Batholith (Ballantyne and MacKinnon, 1986; Ash, 2001); work by Sack and Mihalynuk (2004) shows that some of the placer gold in Feather Creek is physically attached to cassilerite (SnO2), which is a granite-related mineral. It is possible that some of the gold comes from vein systems within the batholith itself. However, this has yet to be tested as very little exploration has been carried out since the imposition of the moratorium on uranium exploration.

6.1: Regional Geological Setting

The regional geology around Surprise Lake Batholith, Figure 3. is from the British Columbia Ministry of Energy and Mines' "MapPlace" website. It is from a geological compilation based on the work of Aitken (1959), Monger (1974), Christopher and Pinsent (1982). Bloodgood et al. (1989) and Ash (2001), and other government and industry geologists.

The Atlin area is underlain by deformed volcanic, sedimentary and intrusive rocks of Cache Creek Terrane (Mississippian to Triassic) that are intruded by two regional-scale intrusions; the Three Sisters (a.k.a. Fourth of July) Batholith of Middle Jurassic-age, and the Surprise Lake Batholith of Late Cretaceous-age. The Cache Creek Group rocks are part of an ophiolite package that contains several well defined units. Stratigraphically, it

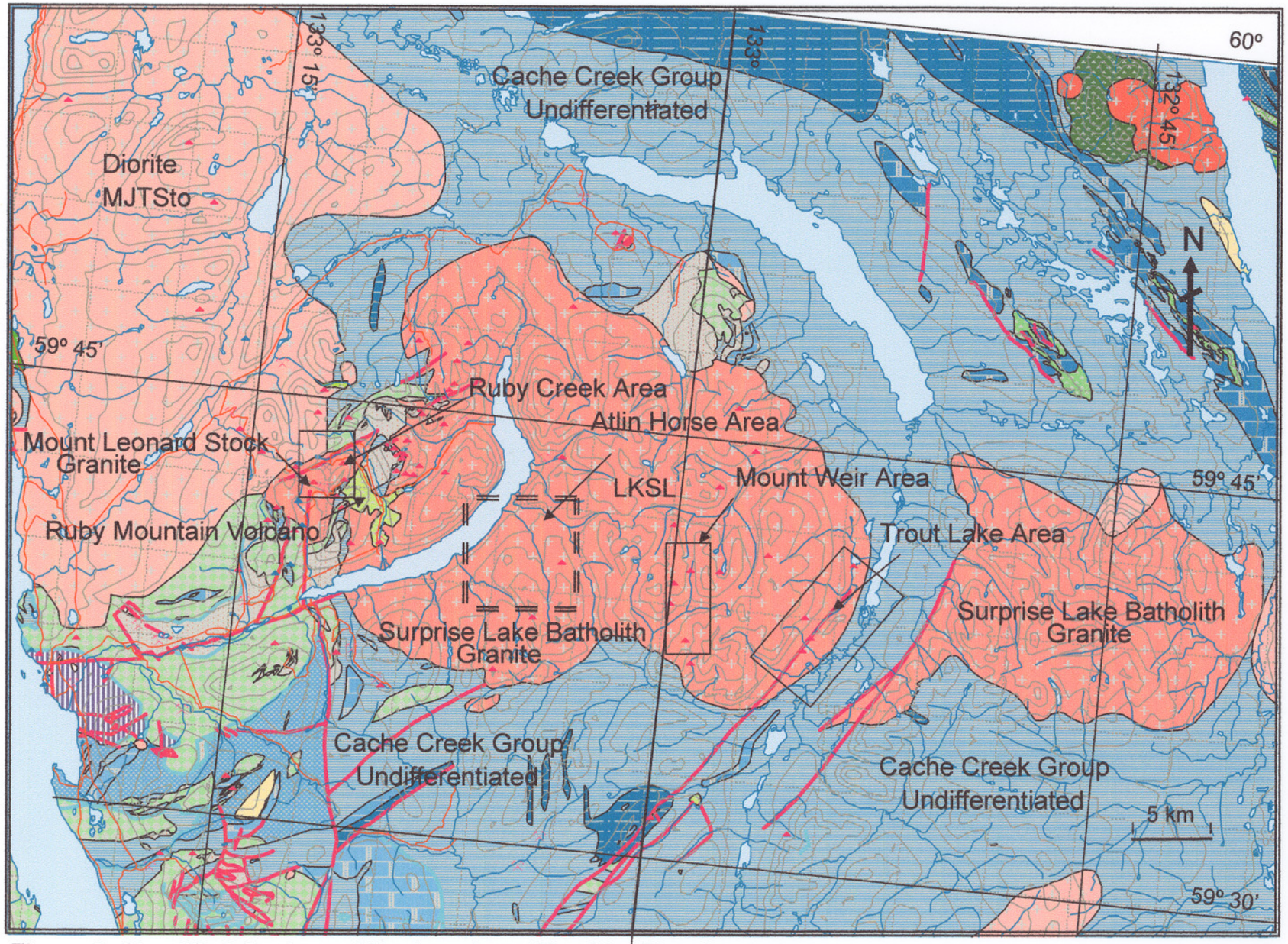

Figure 3: Simplified Geology, Atlin Area from "The MapPlace" website

consists of a basal unit, the Nakina Formation (uMPCN) that consists largely of basaltic volcanic rocks. This is overlain by the Kedahda Formation (MTrCKech) comprised of chert, siliceous argillite, other silicictastic rocks and local intercalations of calcareous argillite and limestone. The volcanic part of the ophiolite contains disaggregated slivers of mantle tectonite (uMPcec) and ultramafic rock (uMP). The basalts and ultramafic rocks are well exposed in the immediate Atlin area. They are flanked to the northwest by the younger sedimentary strata. Together, they form a deformed linear belt that extends in a northeasterly direction through to Gladys Lake (Figure 3). The various units are broken out in the figure; however, they are not specifically identified.

The Cache Creek Group assemblage is intruded by a major diorite to tonalite batholith (MJTSto) north of Atlin and by an "alaskite" granite batholith near Surprise Lake, east of Atlin (LKSL). They are largely separate; however, the former is cut by an off-shoot stock from the latter at the head of Ruby Creek (Christopher and Pinsent, 1982).

The Surprise Lake Batholith is a composite body composed of three parts (Figure 3). The western part (Mount Leonard Stock) appears to be the apical tip of a peripheral off-shoot from the main batholith. It is composed of several distinct pulses of granite (a.k.a. "quartz monzonite" or “alaskite") and hosts the Ruby Creek (Adanac) molybdenum deposit. It has been studied in some detail and is the best known part of the batholith (White et al.; 1976; Christopher and Pinsent, 1982). Generally, the rocks show reduction in grain-size from core to margin. The Mount Leonard stock is separated from the main body of the batholith by a narrow, possibly down-dropped, panel of Cache Creek Group metavolcanic and metasedimentary rock. The granitic rocks in the Mount Leonard Stock are dated at around 75.3 +/- 2.3 Ma by biotite K-Ar analysis (Stevens et al., 1981).

The central part of the batholith covers a considerable area north and east of Surprise Lake. It has not been studied in detail; however, reconnaissance mapping shows that it a compositionally homogenous but texturally heterogenous biotite-granite that consists of, irregularly distributed, medium to coarse-grained equigranular, seriate, megacrystic, biotite alkali feldspar quartz porphyry and finer-grained aplite phases. South of Surprise Lake, there is locally good exposure over a considerable range of elevation and it is possible to detect a gradational change in texture between rocks that formed relatively deep in the magma chamber (at low elevation) and those that formed near the outer margin of the intrusion (at high elevation). From bottom to top, the rocks grade from seriate to megacrystic biotite granites that commonly contain pegmatite or filled miarolitic cavities to alkali-feldspar porphyry and finer-grained equigranular biotite granite with abundant irregular quartz veins (Lowe et al. 2003). The presence of miarolitic cavities and chilled contacts suggests that the batholith was emplaced at relatively shallow (<5.0 km) depth in the crust (Ballantyne and Littlejohn, 1982; Anderson, 1988 and Ray et. al, 2000).

The eastern part of the Surprise Lake Batholith is separated from the central part by a graben that contains a down-dropped block of Cache Creek Group strata between two subparallel, north to northeasterly trending faults (Figure 3). The internal composition and structure of this part of the intrusion is poorly known.

The granites in the Surprise Lake Batholith contain a trace amount of magnetite but have so little iron that they generally display a very subdued aeromagnetic signature. This can be seen in Figure 4, from the MapPlace Website. However, there is a well-defined series of prominent, northwest trending, magnetic linear anomalies cutting across the central portion of the batholith. These are thought to reflect the presence of northwest trending structures that are richer in magnetite than the surrounding granite. These are considered to be important with respect to mineralization on Mount Weir (Lowe and Anderson, 2002).

The youngest geological unit in the Atlin area consists of several volcanic eruptive centers. They are found in the zone of structural complexity north of the west end of Surprise Lake (Figure 3). The most significant is on Ruby Mountain, west of Ruby Creek, where there is a well-developed volcano of olivine basalt belonging to the Tertiary (Miocene) Tuya Formation (MiPiTvK).

6.2: Property Geology

The Future Metals Inc. claims are entirely underlain by rocks of the Surprise Lake plutonic suite (Figure 4). They have not been mapped in detail; however, the Horse (Moose) Creek part of the property was explored by the Mattagami Lake Exploration Division of Noranda Mines in 1979-1981 (Stewart, 1981). The company mapped the drainage and sampled a well-exposed cirque or tarn (Figure 5) on the south side of the creek in considerable detail. It identified several rock types. The predominant unit, according to their terminology, is coarse-grained "alkali-granite"; which grades, locally, into a more porphyritic phase. Both of these lithologies are cut by subvertical approximately east-west trending, shears that in some localities contain aphanitic and/or porphyritic aplite dykes. The amount of shearing and alteration of the dykes is extremely variable. The company also found discontinuous lenses of what it considered to be post-magmatic pegmatite filling, cavities in preexisting intrusive rock (Stewart, 1981). Although Mattagami collected 51 soils and 84 rock samples (mainly from the cirque area) and analyzed them for a variety of elements, the results were not available at the time of writing of Stewart's report.

At much the same time, Union Oil Company of Canada Ltd. was exploring the smaller, SLA-1 Claim (Figure 5), immediately to the southwest. The results are poorly described, but the company evidently conducted a limited soil geochemical survey over an airphoto linear anomaly, probably caused by two (N50°W and N80°E) trending faults that intersect northeast of Quartz Creek (Kerr (1978). The rocks are poorly described; however the area is entirely underlain by granite. There were no base-metal anomalies: however, a few samples show enrichment in uranium, possibly in a trend subparallel to the N50°W fault.

Similarly, Wyoming Minerals Corporation worked on the B&T Claims on south side of Quartz Creek, and the B&B, D&D and D&D&D Claims nearer the head of Quartz Creek (Figure 5). The B&T claims are not described in detail; however, they appear to be

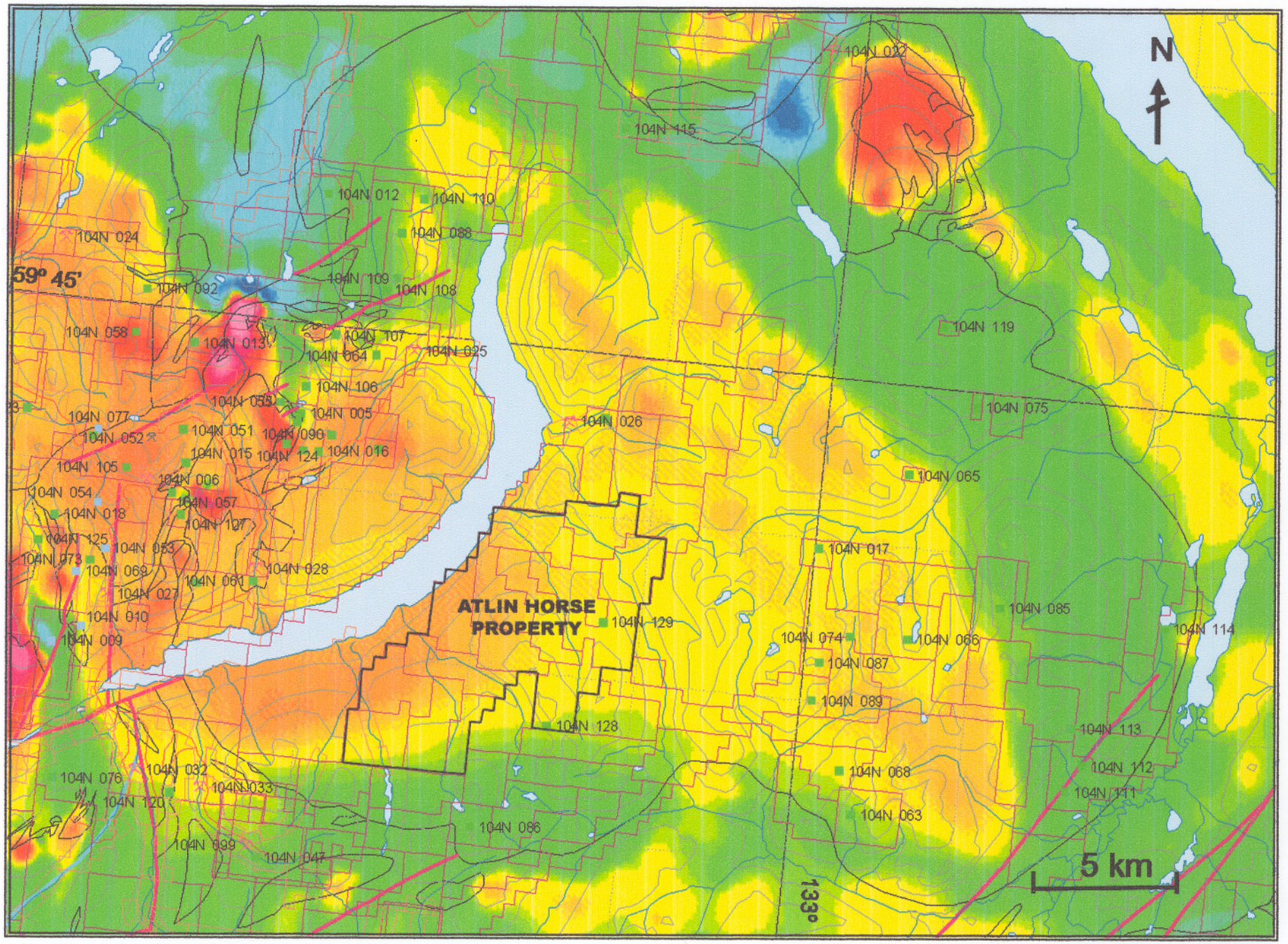

Figure 4: Residual Total Magnetic Field; Surprise Lake Batholith Area

underlain by coarse-grained granite that is cut by fine-grained aplite dykes that grade into quartz and feldspar-rich porphyry phases (Lisle, 1979c). The dykes exposed in the Quartz Creek bluff downstream from claims appear to follow the same linear structures described above; there are northwest, east to west and northeast trending dyke swarms. The bluffs extend upstream to the D&D claims, described below (Lisle, 1979b).

7.0: Deposit Types

The Future Metals Inc. tenures overlie rocks of the Surprise Lake Plutonic Suite. The rocks arc highly evolved chemically and may host Mo, W, Sn, U and/or a variety of rare earth element metals. To date, the most significant mineral deposit discovered is the Ruby Creek (Adanac) molybdenum deposit which is located in the core of the Mount Leonard Stock. The occurrence is described by White et al. (1976), and Pinsent and Christopher (1995). Recent work by Smith et al. (2008) shows that the granites ("quartz monzonites") that host the deposit are enriched in silica (>57.5%). potassium (>2.5%). fluorine and rubidium and that they fit Westra and Keith's (1981) criteria for a Climax-type molybdenum deposit host.

The British Columbia, Ministry of Energy, Mines and Petroleum Resources "MINFILE" database shows that there are several tin and tungsten prospects peripheral to the Mount Leonard stock. Three of these were examined by Ray et al (2000), who sampled the granite close to the western contact of the central part of the batholith. Their work suggests they are "within-plate", I-type, calc-alkaline, subalkaline, adamelite-granites. According to Ray et al (2000), they strongly resemble granites known to form tungsten skarns elsewhere in the Cordillera; however, they are markedly more enriched in fluorine and have tin-bearing skarns locally on their contacts.

Ballantyne and Littlejohn (1982) show that analogous granites formed in the Mount Weir-Trout Lake Graben area, on the east side of the central block have high SiO2 (>76%) and K2O contents relative to "normal" granite, and are enriched in U, Th, F, Sn, Rb, Li, Y, Nb, Zn, Pb and Ag. Conversely, they have lower A12O3, TiO2, FeO, Fe2O3. MgO and CaO contents, and are noticeably depleted in Sr. Ba. Zr, Cu and Mn relative to Turckian and Wedepohl's average "low-calcium granite". Copies of Ray et al. (2000) and Ballantyne and Littlejohn (1982)'s Tables of whole-rock and trace element data are presented in fables 2 and 3. The rocks are broadly similar in composition; although the Trout Lake rocks appear to be marginally more enriched in F and Rb. Unpublished results from the Ruby Creek molybdenum deposit, in the Mount Leonard stock are similar; however, there, successive pulses of magma show subtle increases in fractionation. This is clearly shown by enrichment in the average uranium content of progressively younger intrusions (Pinsent, 1980).

The Surprise Lake Batholith is highly fractionated and evolved and the magma from which it was formed was clearly enriched in fluorine, which is known to retard the crystallization of magma and to increase the amount of silicate material in the exsolved fluid component. Work by Keppler and Wyllie (1991) shows that the fluid associated with an artificial-granite can contain to up to fifty weight percent silicate and trace

TABLE 2
SURPRISE LAKE BATHOLITH GEOCHEMISTRY

TABLE 1. Major- and trace-element chemistry of the Surprise Lake Batholith, Atlin, B.C.

Sample (wt %)	GR91-145	GR91-146	GR91-147	GR91-148	GR91-165	GR91-166	*n*	Mean for batholith
SiO_2	76.19	76.47	77.00	76.45	75.51	75.58	19	75.8
TiO_2	0.09	0.10	0.11	0.10	0.20	0.06	19	0.14
Al_2O_3	12.45	12.42	12.00	12.39	12.46	13.08	19	12.74
Total Fe*	1.40	1.29	1.52	1.30	2.07	1.19	19	1.29
FeO	1.07	0.66	1.04	0.79	1.27	0.66	19	0.87
Fe_2O_3	0.21	0.56	0.36	0.42	0.66	0.46	19	0.32
MnO	0.02	0.01	0.03	0.03	0.05	0.02	19	0.04
MgO	0.03	0.02	0.02	0.02	0.15	0.00	19	0.12
CaO	0.62	0.63	0.54	0.54	0.48	0.37	19	0.59
Na_2O	3.30	3.32	3.24	3.56	3.17	4.01	19	3.46
K2O	4.47	4.30	4.50	4.55	4.53	4.81	19	4.71
P_2O_5	0.01	0.01	0.01	0.01	0.04	0.01	11	0.06
LOI	0.83	0.95	0.77	0.58	0.84	0.47	11	0.69
Sum	100.85	101.20	101.40	101.09	101.77	101.13	6	101.24
$Fe_2O_3/(Fe_2O_3 + FeO)$	0.16	0.46	0.26	0.35	0.34	0.41	19	0.27
K_2O/Na_2O	1.35	1.30	1.39	1.28	1.43	1.20	19	1.38
(ppm)								
Ba	153	155	251	333	382	40	6	219
Ce	86	99	91	97	86	45	6	84
Cr	10	>10	14	>10	>10	>10	6	7
Cs	7	6	<5	<5	<5	<5	6	4
F	3,860	3,580	2,940	2,720	1,580	1,920	6	2,767
La	41	40	42	40	34	7.5	6	34
Nb	34	33	24	19	19	69	6	33
Rb	429	396	315	240	250	402	10	286
Sc	<5	<5	<5	<5	<5	<5	6	<5
Sn	25	<15	21	<15	23	<15	10	37
Sr	20	19	27	28	45	5	10	42
Th	34	31	34	25	21	33	10	30
U	<15	<15	<15	<15	<15	<15	10	15
V	<5	<5	<5	<5	<5	<5	6	<5
Y	126	128	89	87	41	123	6	99
Zr	144	146	178	133	177	141	10	143
Rb/Sr	21.5	20.8	11.7	8.6	5.6	80.4	10	6.8

Samples are of a coarse-grained, equigranular, biotite-bearing granite-adamellite; * total iron as Fe_2O_3; *n* = number of samples used to calculate each mean value for the batholith; Analytical methods for Tables 1 and 2: FeO by digestion-titration; Major elements by X-ray fluorescence (with a precision avg 5% relative error); Au by fire assay and AAS finish; Loss on ignition (LOI) calculated after heating predried samples to 1,050 degrees C for 4 h

Ag, Cu, Pb, Zn, As, Sb, Co, Bi, Cd, Mo, and Ni by flame AAS; CO_2 and S using a Leco analyzer; completed at the Geochemical Laboratory, Ministry of E.M.P.R., Victoria, B.C.

Fluorine by specific ion electrode at Echo-Tech Labs. Ltd., Kamloops, B.C.; Ba, Cr, Cs, Nb, Rb, Sc, Sn, Sr, V, Y, and Zr by XRF (pressed pellet); Ce, La, Th, and U by thermal neutron activation; completed by Activation Labs. Ltd., Ancaster, Ontario, and Acme Analytical Labs. Ltd., Vancouver, B.C.

From Ray et al. (2000)

TABLE 3
SURPRISE LAKE BATHOLITH GEOCHEMISTRY

Table 17.1. Average* major and minor element composition** of the Surprise Lake Batholith and some specialized, or low-calcium, or tin-bearing granites of the world

Region or Source	Surprise Lake Batholith, Atlin, British Columbia, Canada	Fresh granite, Lost River Mine, Seward Peninsula, Alaska U.S.A.	Specialized or stannigene granites (Group I)	Normal granites (Group III)	Average biotite alkali granite	Biotite granite, Younger Granite Province, Northern Nigeria	Weighted mean of tin-bearing granites of the world (without Bolivia)
Author	this paper	Salinsbury (1964)	Tischendorf (1977)	Tischendorf (1977)	Nockolds (1954)	MacLeod, et al. (1971)	Stemprok and Skvor (1974)
Number of Analyses	54	3	(67 averages) 962 samples	(7 averages) 2327 samples	12	12	
SiO_2	76.68	75.73	73.38 ± 1.39	70.84 ± 1.41	75.01	75.49	73.02
TiO_2	0.09	0.02	0.16 ± 0.10	0.34 ± 0.08	0.17	0.12	0.21
Al_2O_3	12.30	13.63	13.97 ± 1.07	14.33 ± 0.23	13.16	12.62	13.90
Fe_2O_3	0.60	0.24	0.80 ± 0.47	1.31 ± 0.29	0.94	0.62	0.74
FeO	0.52	0.56	1.10 ± 0.47	1.78 ± 0.38	0.88	1.02	1.34
Total iron	-	-	-	-	-	-	-
MnO	0.01	0.11	0.045 ± 0.040	0.064 ± 0.03	0.07	0.02	0.05
MgO	0.09	0.19	0.47 ± 0.56	0.81 ± 0.23	0.24	0.16	0.52
CaO	0.58	0.63	0.75 ± 0.41	1.89 ± 0.40	0.56	0.54	1.24
Na_2O	2.97	3.47	3.20 ± 0.61	3.44 ± 0.32	3.48	4.18	3.28
K_2O	4.68	4.70	4.69 ± 0.68	4.34 ± 0.52	5.16	4.63	4.57
P_2O_5	0.03	0.00	-	-	0.11	0.03	0.15
H_2O	0.80	0.89	-	-	0.37	0.47	0.90
CO_2	0.10	0.07	-	-	-	-	-
Li_2O	-	-	0.059	0.008	-	-	-
F	0.39	0.55	0.318 ± 0.15	0.085	-	0.20	-
Cl	0.024	-	-	-	-	-	-

* Surprise Lake Batholith, median values; other data, arithmetic mean. Concentrations in per cent.
** Analytical methods (Surprise Lake Batholith) : F by fusion and specific-ion electrode, Cl by colorimetric method, other analyses by X-ray fluorescence.

Table 17.2. Average* selected trace element composition** of the Surprise Lake Batholith, low-calcium granites, and the stanniferous Younger Granites, Nigeria

Region or Source	n	U	Th	Li	Rb	Sr	Y	Zr	Nb	Sn	Ba	Ta	Zn	Cu	Pb	Ag	Mn	As	Mo	W	F	Cl
A	17	18	39	82	450	60	98	140	37	5	280	<5	145	9	30	0.33	90	1.2	2	1	3927	302
B	13	22	53	86	490	40	146	130	56	46	60	<5	211	9	40	0.40	75	8.0	2	1	4000	206
C	24	25	56	88	460	50	113	150	39	8	120	<5	52	4	22	0.23	105	1.1	2	1	3750	189
D	-	4.7	20	40	170	100	41	175	21	3	840	4.2	39	10	19	0.037	390	1.5	1.3	2.2	850	200
E	73	-	46	84	651	7	157	177	136	22	68	-	166	16	24	-	170	-	-	-	4330	-

A – Drill core samples (DDH78-1) Surprise Lake Batholith: argillic alteration.
B – Drill core samples (DDH78-2) Surprise Lake Batholith: argillic alteration.
C – Drill core samples (DDH78-3) Surprise Lake Batholith: propylitic alteration.
D – Low-Ca granites: Turekian and Wedepohl (1961).
E – Means of Trace Elements in stanniferous granites, from the Younger Granites, northern Nigeria, Olade (1980).

* A, B and C, median values; D and E, arithmetic mean
** Analytical methods (A, B and C): Zn, Cu, Pb, Ag, Mn, Mo, As, Li by atomic absorption spectrophotometry following a total decomposition using HF, HNO_3, $HClO_4$ acid mixture; Nb, Ta, Y, Sn, Rb, Sr, Zr by X-ray fluorescence; U and Th by neutron activation analysis; W, by colorimetric method; F by fusion and specific-ion electrode; Cl by colorimetric method.

From Ballantyne and Littlejohn (1982).

element rich fluid at 2 kilobars pressure and 750° centigrade. The presence of fluorine in the fluid-melt assemblage also reduces its viscosity, partially accounting for the presence of thin aplite dykes and the wide variety of unusual textures found in this type of granite (Kirkham and Sinclair, 1988).

In most cases, the silicate-charged fluid reacts with the crystal melt and crystallizes out; however if a substantial volume is tapped and injected into solid rock it can form veins and pegmatites enriched in F. Mo, W, Sn, U and selected rare earth elements. Ballantyne and Littlejohn (1982) describe a situation on Mount Weir, near the top of the intrusion, where relatively small volumes of late residual magmatic fluid have reacted with the surrounding crystallized magma and leaked out into surrounding granite to form veins containing yttrium-bearing fluorite, with accessory amounts of niobium-bearing ilmenite and cassiterite. The same or similar fluids appear to have altered the feldspar crystals in the surrounding granite to clay and attacked the orthomagmatic mineral thorite, leaching out some of the uranium. This latter is deposited on late fractures as beta-uranophane. Work by Noranda Mines Ltd. in the same area suggests that the granites have been leached by groundwater and that uranium has been mobilized and re-deposited on fractures as kasolite, wulfenite and meta-zeunerite.

A notable aspect of the Surprise Lake Batholith is that its radioactive metal content (K, U and Th) is high. This means that it most likely took a considerable time to cool and that there was time for hydrothermal convection cells to form in the rocks around it. Work by Ballantyne and Littlejohn (1982) also suggests that some of the lead-zinc (magnetite) vein mineralization observed on Mount Weir was formed through the introduction of fluid from outside the intrusion.

8.0: Mineralization

The two known mineral showings in the immediate Atlin Horse area were discovered by prospecting by Wyoming Mineral Corporation, shortly after the release of the Federai-Provincial Uranium Reconnaissance (stream geochemical) Survey. The B&B prospect (MINF1LE 104N 129) and the D&D showing (MINFILE 104N 128) are in rugged terrain and were found by prospecting up the drainages on the south side of Surprise Lake. The showings are not exactly where plotted (Figure 2). They are on adjoining claims near the headwaters of Horse (Moose) and Quartz Creeks respectively (Figure 5).

The B&B area lies just out side of the current property boundary. It was prospected in 1978/9 and radiometric and stream geochemical surveys were conducted but no major zones of mineralization were encountered. The area is underlain by coarse- to medium-grained granite (alaskite) with lesser amounts of fine-grained granite and a minor amount of pegmatite. The rocks are cut by northeasterly trending shear zones that are limonitic and locally manganiferous, and contain traces of pyrite and galena (Lisle, 1979a).

The D&D area is located at the extreme southern limit of the current claim group. It is similarly described as being underlain by coarse-grained and lesser fine-grained, granite;

however, in addition there is some granite porphyry. The latter is exposed in steep bluffs on the northeast side of Quartz Creek, where they are altered and pale green in colour, and are limonitic and manganiferous and contain traces of fluorite, and minor amounts of chalcopyrite, galena, sphalerite and wolframite. Soil samples collected above the bluffs, over the divide between Quartz and Horse (Moose) creeks. They were sent to ALS Chemex Laboratory in Vancouver for analysis for uranium. The samples were found to contain between 0.5 and 91 ppm uranium. However, there is a suggestion that some of the higher values may come from samples containing organic debris (Lisle, 1979b).

9.0: Exploration

In 2007, Future Metals Inc. conducted a steam sediment and soil geochemical survey in the Horse (Moose) Creek drainage. It collected stream silt along the main axis of the creek, at approximately 100 metres-spaced intervals, and soils at similar intervals on each bank to the southern limit of the claim group. In all, it collected approximately 340 samples and sent them to Acme Analytical Laboratories for analysis for up to 60 elements. The element package included base and precious-metals, lithophile and rare earth elements.

The results for the program are unpublished and are not discussed in any detail in this report. However, plots of concentration (in parts per million) in soil are presented in Appendix *2*. They show that different elements display different patterns of enrichment. Nickel and cobalt are clearly enriched near the mouth of the creek; molybdenum, gallium, titanium, vanadium, lead and silver show greater concentration intermittently at mid-levels in the creek, above and below Mattagami's tarn drainage. Tin, tungsten, indium and zinc show enrichment in more rugged terrain higher up, near a short tributary on the east side of the creek. At higher-elevations still (above approximately 1600 metres) the soils are significantly enriched in a broad suite of rare earth elements, including dysprosium (Dy), erbium (Er), europium (Eu), gadolinium (Gd). holmium (Ho), lanthanum (La), lutetium (Lu), neodymium (Nd), praseodymium (Pr), samarium (Sm), terbium (Tb), thulium (Tu), and ytterbium (Yb). The anomalies are currently "open" in that sampling has staved within the bounds of the company's tenures.

The significance of the various anomalies are unknown; however, the presence of tin, tungsten and rare-earth element concentrations at high elevation, near the top of the batholith, is consistent with late introduction of more evolved magmas and fluids into the roof of the old magma chamber, as discussed by Ballantyne and Littlejohn (1982).

10.0: Adjacent Properties

The Ruby Creek/Adanac deposit, which is 100% owned by Adanac Molybdenum Corporation, is described by White et al. (1976) and Pinsent and Christopher (1995). It is tabular body with molybdenite mineralization in quartz veins and on fractures in a composite granite ("quartz monzonite") stock at the west end of the Surprise Lake batholith. The stock formed from three principal pulses of magma. The earliest phases formed texturally variable but generally coarse-grained and mafic varieties of granite.

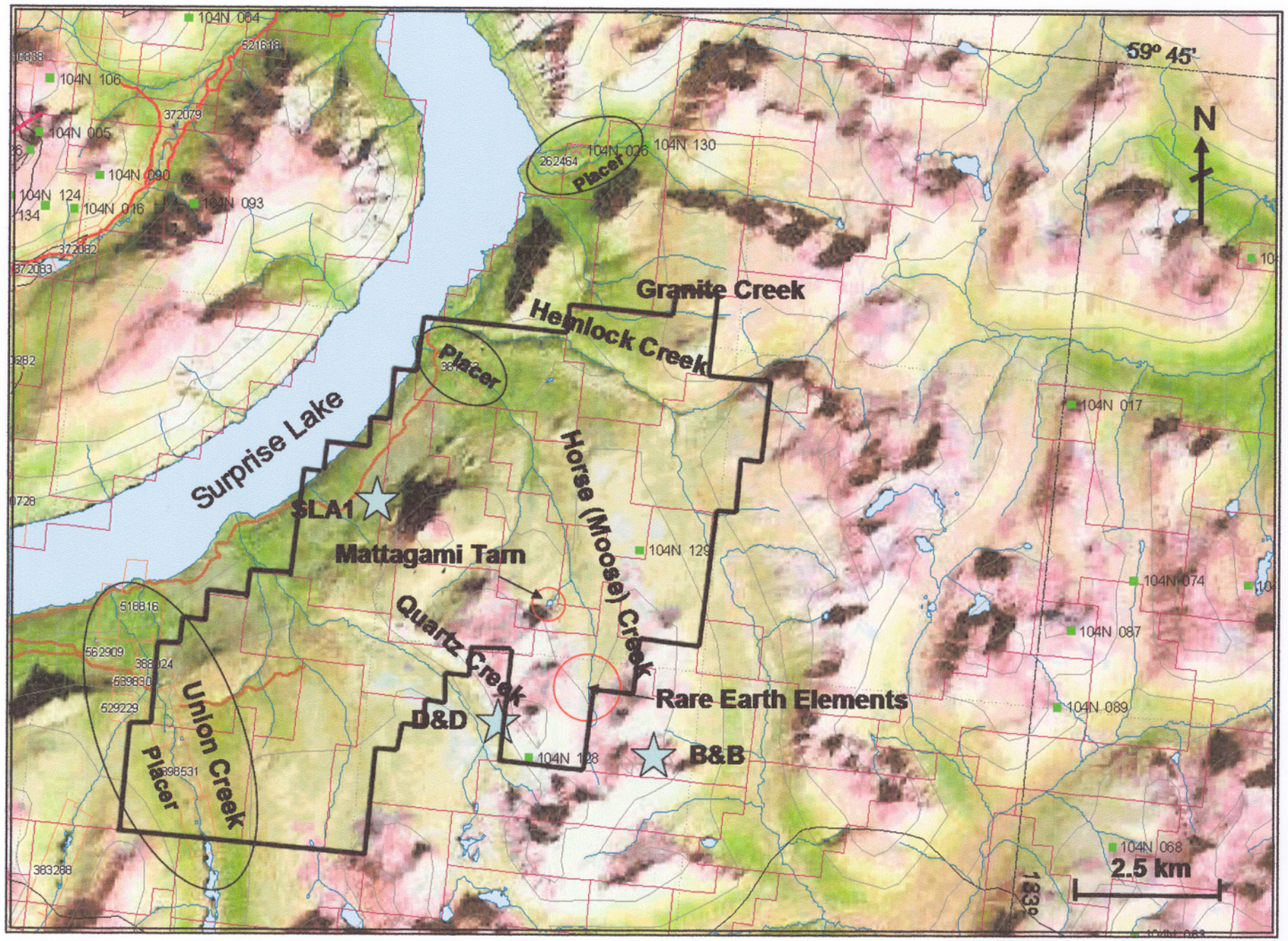

Figure 5: Landsat Image; Atlin Horse Property

They were intruded by later, sub-circular granite domes that are pre-mineral. and by a dikes and sills of fine-grained aplite that are intimately associated with the mineralization. The deposit is draped over the tip of one of the porphyry domes. Molybdenite-bearing quartz veins are best developed in the earliest, most deformed, rock phases, especially in the vicinity of late aplite dykes. The quartz veins are locally enveloped by potassium feldspar and/or sericite and they are also locally intimately associated with pegmatite.

The Ruby Creek deposit is down-faulted to the northwest by movement on a possibly long-lived, steep, northeast trending fault system (Adera fault). It is also affected by a major north-south trending fault system (Boulder Creek fault) and the "aplite" dyke-set appears to root into a plutonic breccia that may mark the intersection of strands of the two structures.

The MINFILE database shows a well defined, linear, northwest trending cluster of lead and zinc-bearing mineral prospects that passes through Mount Weir, approximately 10 kilometers east of the Atlin Horse property (Figures 2 and 3). The cluster includes the 104N 063, 104N 068, 104N 074, 104N 087 and 104N 089 showings that were located by the Mattagami Lake Exploration Division of Noranda Mines Limited following a helicopter-based radiometric survey, in 1977. The company diamond drilled some of the exploration targets in 1980. The main showing comprises two steep, subparallel, northeast trending veins that are exposed on the ridge just south of Caribou Creek (104N 089). Both the veins have silicified envelopes. On surface, one is 4-5 metres wide and is predominantly composed of quartz, and the other consists of friable "chloritized alaskite". They both contain fluorite, sphalerite and galena,

Ballantyne and Littlejohn (1982) examined the Mount Weir showings and found two styles of mineralization. They found that some of the veins contained aggregates of purple fluorite in an altered matrix of quartz, orthoclase, plagioclase and chlorite, and contain traces of niobium-bearing ilmenite and cassiterite. However others, although similar, contain a greater abundance of dark green biotite and/or chlorite and variable amounts of magnetite, sphalerite and galena. Ballantyne and Littlejohn show that the fluorite-rich veins were most likely formed from late fluids driven off from the batholith and that the magnetite and sphalerite rich veins are most likely post-magmatic formed through convective circulation of hydrothermal fluids from outside the intrusion.

In 1979, Union Oil Company of Canada Limited diamond-drilled three short holes to explored a cluster of radioactive springs (MINFILE 104N 111, 1 0 4 N 112, 104N 113 and 104N114) along the graben-faulted east margin of the central portion of the Surprise Lake Batholith (Figures 2 and 3). The company reports finding intermittent fractures and veins (similar to those on Weir Mountain) containing trace amounts of magnetite, sphalerite, galena and chalcopyrite, and also zones of uranium enrichment (Price, 1979; Kerr, 1979). Ballantyne and Littlejohn (1982) sampled the core and studied the chemical composition of the primary radioactive mineral in the granite (thorite), and found that they were unaffected by propylitic alteration but were leached of their uranium during

argillic alteration. The uranium appeared have mobilized, concentrated and crystallized out on fractures as bright yellow prismatic crystals of beta-uranophane.

There are several other small showings in the central part of the Surprise Lake Batholith. Most appear to be small, commonly northeast trending, shears that contain trace amounts of one or more of molybdenum, tungsten, tin, uranium and/or copper, lead and zinc.

11.0: Interpretation and Conclusions

The Surprise Lake Batholith is highly evolved chemically, and work by Ballantyne and Littlejohn (1982) shows that late fluids emanating from the crystallizing magma chamber may have caused metals either to concentrate in the outer part of the batholith, or to be remobilized and concentrated in the outer part of the batholith. They show that the purple fluorite found in veins on Mount Weir is enriched in yttrium, and that the corresponding ilmenite contains anomalous amounts of niobium. The same authors also suggest that similar, upward migrating fluids may alter granitic rocks near the outer margin of the batholith to clay and, at the same time, leach uranium out of orthomagmatic crystals of thorite. The mobilized uranium is deposited on fractures near the outer margin of the batholith as beta-uranophane.

Work by Mattagami shows that aplitic dykes and pegmatites bodies both form in the granite in the tarn area, west of Horse (Moose) Creek (Figure 5). The results of their analytical work are not available but the presence of both these lithologies shows that the underlying granite was faulted, broken and invaded by late magma and, most likely, hydrothermal fluid. The pegmatite bodies are described as being post-magmatic. infilling cavities within the granite (Stewart, 1981). They probably reflect very late deposition of silicate-charged, fluorine-rich fluids.

Soils collected in the main drainage below the tarn are not particularly elevated in rare earth elements but it is possible that mineralized fluids migrated up through similar faulted and broken rocks to form metalliferous veins, shears and pegmatite lenses at higher elevation, nearer the outer contact of the batholith.

12.0: Recommendations

I recommend Future Metals Inc. prospect the south end of its claim block for fluorite-bearing quartz veins and for mineralized pegmatite bodies.

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APPENDIX 1

CERTIFICATES OF QUALIFICATION

APPENDIX 1

CERTIFICATE OF QUALIFICATIONS

I, Robert Hugh Pinsent, of 2335 West 13th Avenue, Vancouver, British Columbia, hereby certify:

1. I am a Consulting Geologist, practicing from #2335 West 13th Avenue, Vancouver, British Columbia.

2. I graduated from Aberdeen University, Scotland, with a B.Sc. Honours (B.Sc. Hons.) Degree in Geology, in 1968.

3. I graduated from the University of Alberta, Edmonton, Alberta, with a Master of Science (M.Sc.) Degree in Geology in 1972, and from Durham University, England, with a Doctorate in Geology (Ph.D.) in 1975.

4. I am a Practicing Member of the Association of Professional Engineers and Geoscientists of British Columbia, and have been since August, 1992 (Registration No. 19499).

5. I have practiced my profession for over 35 years as an exploration geologist, a civil servant and a geological consultant.

6. I have had no direct exposure to the Atlin Horse Property; however, I managed the exploration programme on the Ruby Creek molybdenum deposit, near Atlin, British Columbia, from 2004 to 2007.

7. I have no interest, direct or indirect, in the Atlin Horse Property, or in Future Metals Inc.

Dated at Vancouver, British Columbia this 4th March, 2008

PROFESSIONAL
PROVINCE OF
R. H. PINSENT
BRITISH COLUMBIA
GEOSCIENTIST

Robert H. Pinsent, Ph.D., P.Geo.

STATEMENT OF QUALIFICATIONS FOR MICHAEL RENNING

1. I have worked in the mining exploration business since 1981. Although I have had much exploration experience as a field assistant and independent prospector, I have worked specifically as a prospector for PNC Exploration (Canada) in 1986, Welcome North Mines in 1988, Rio Algom Exploration in 1992 and Christopher James Gold in 2006 and 2007.

2. My holding company, Amber Minerals Ltd., owns a 25% interest in another private company, Guardsmen Resources Inc. Amber Minerals Ltd. was incorporated in 1987.

3. My other company, Future Metals Inc. explores for and independently acquires Mineral Tenure primarily for Rare Earth Element potential.

4. With the exception of the thematic maps and the information provided in the Appenices, this entire report was authored by Robert Pinsent.

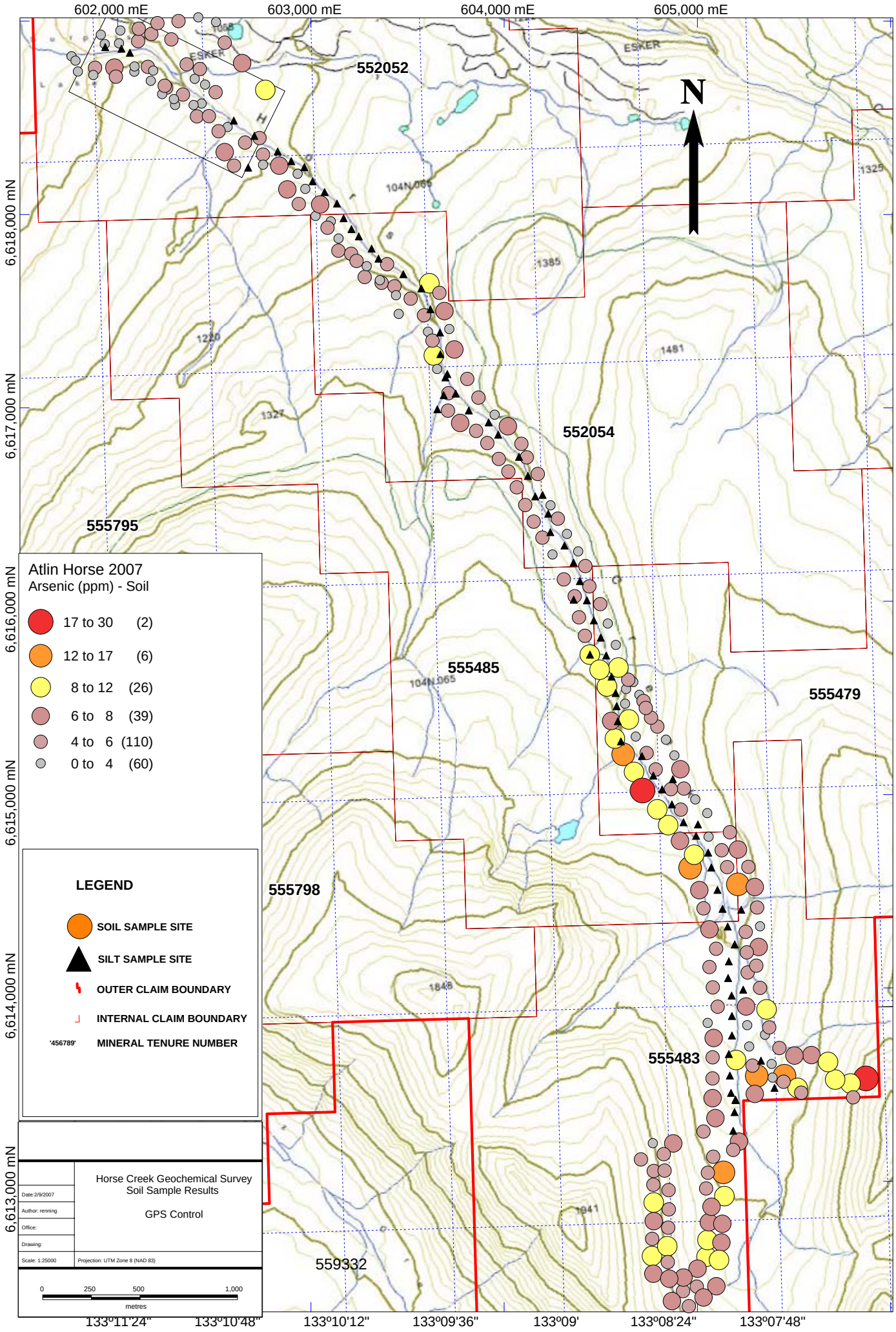
Signed this 24th day of April, 2008 in Vancouver, British Columbia, Canada,

_____

M i c h a e l R e n n i n g, prospector
bcgold@shaw.ca

APPENDIX 2

ATLIN HORSE SOIL GEOCHEMICAL DATA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603,000 mE
604,000 mE
605,000 mE
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6,617,000 mN
6,616,000 mN
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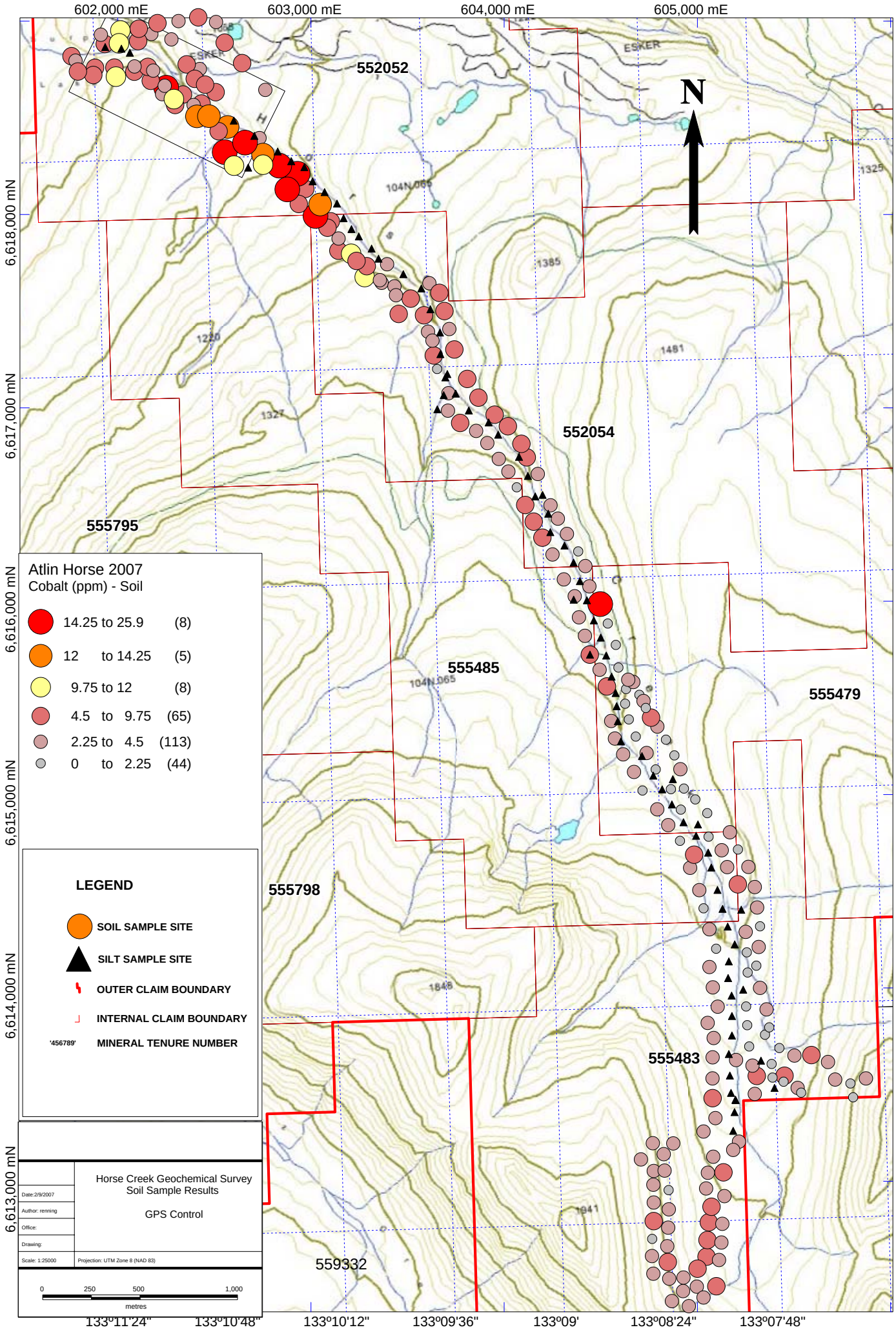
6,614,000 mN
6,613,000 mN
59°41'24"
59°40'48"
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
552052
552054
555795
555485
555479
555798
555483
559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Arsenic (ppm) - Soil
17 to 30 (2)
12 to 17 (6)
8 to 12 (26)
6 to 8 (39)
4 to 6 (110)
0 to 4 (60)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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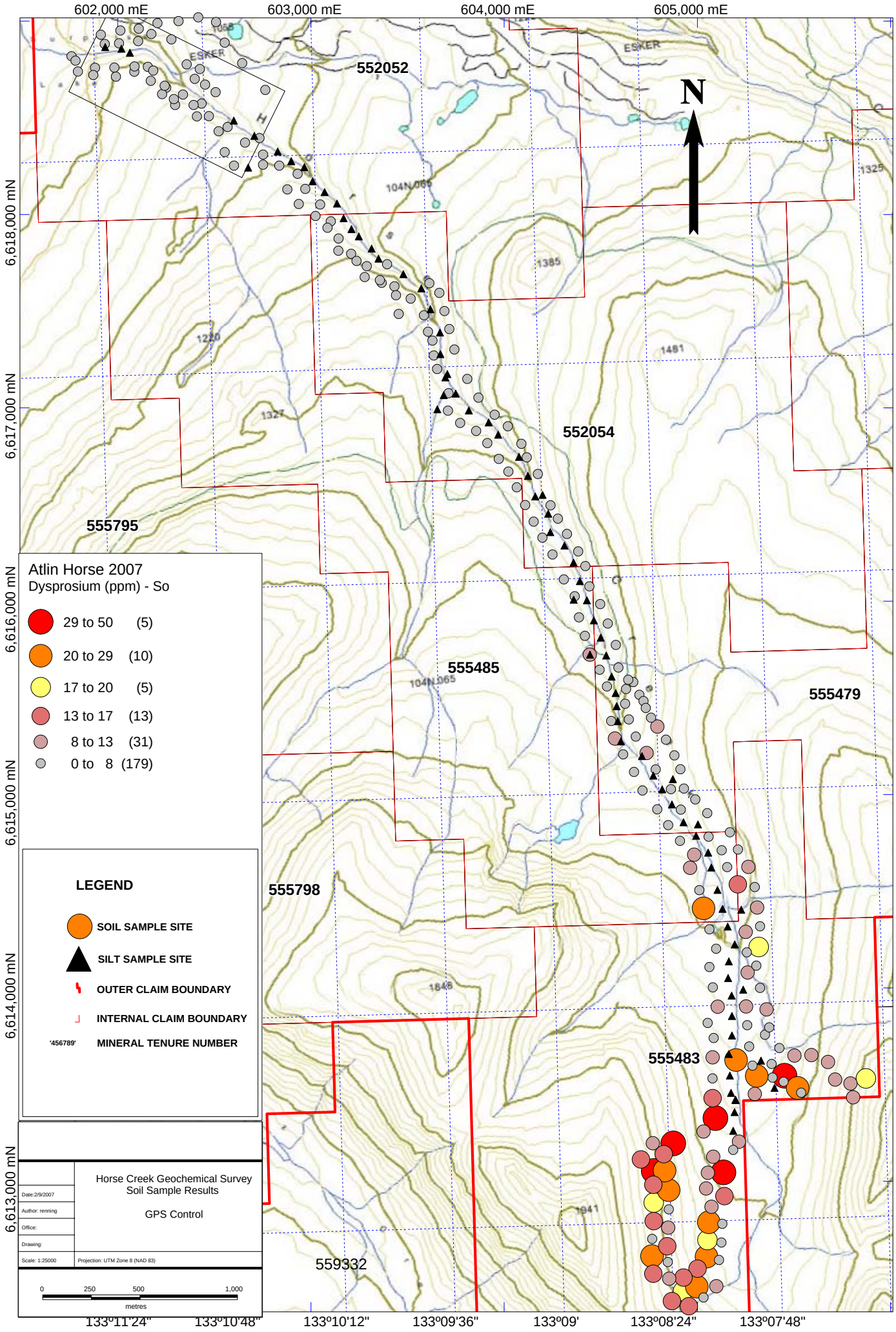
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Cobalt (ppm) - Soil
14.25 to 25.9 (8)
12 to 14.25 (5)
9.75 to 12 (8)
4.5 to 9.75 (65)
2.25 to 4.5 (113)
0 to 2.25 (44)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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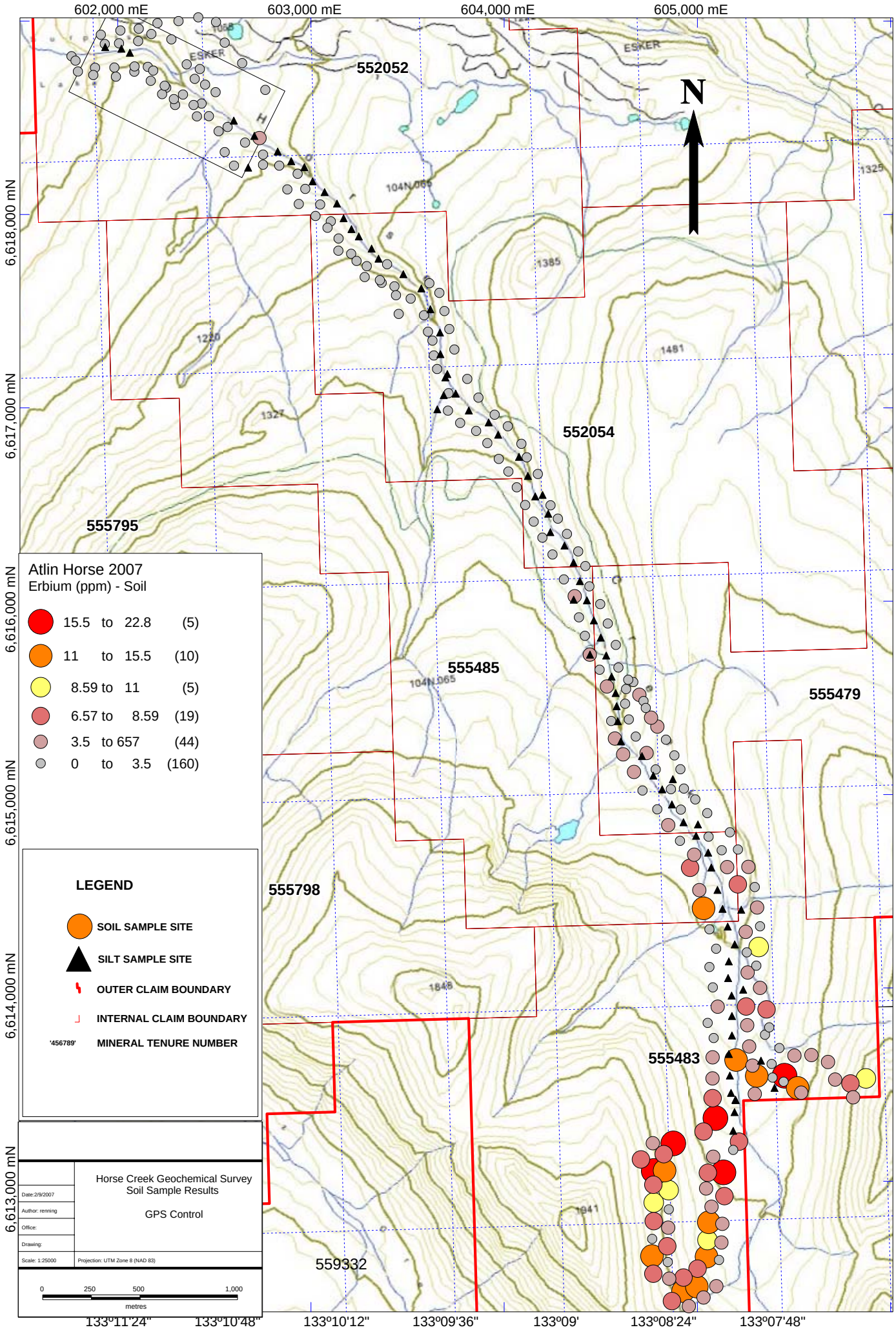
603,000 mE
604,000 mE
605,000 mE
6,618,000 mN
6,617,000 mN
6,616,000 mN
6,615,000 mN
6,614,000 mN
6,613,000 mN
59°41'24"
59°40'48"
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Dysprosium (ppm) - So
29 to 50 (5)
20 to 29 (10)
17 to 20 (5)
13 to 17 (13)
8 to 13 (31)
0 to 8 (179)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
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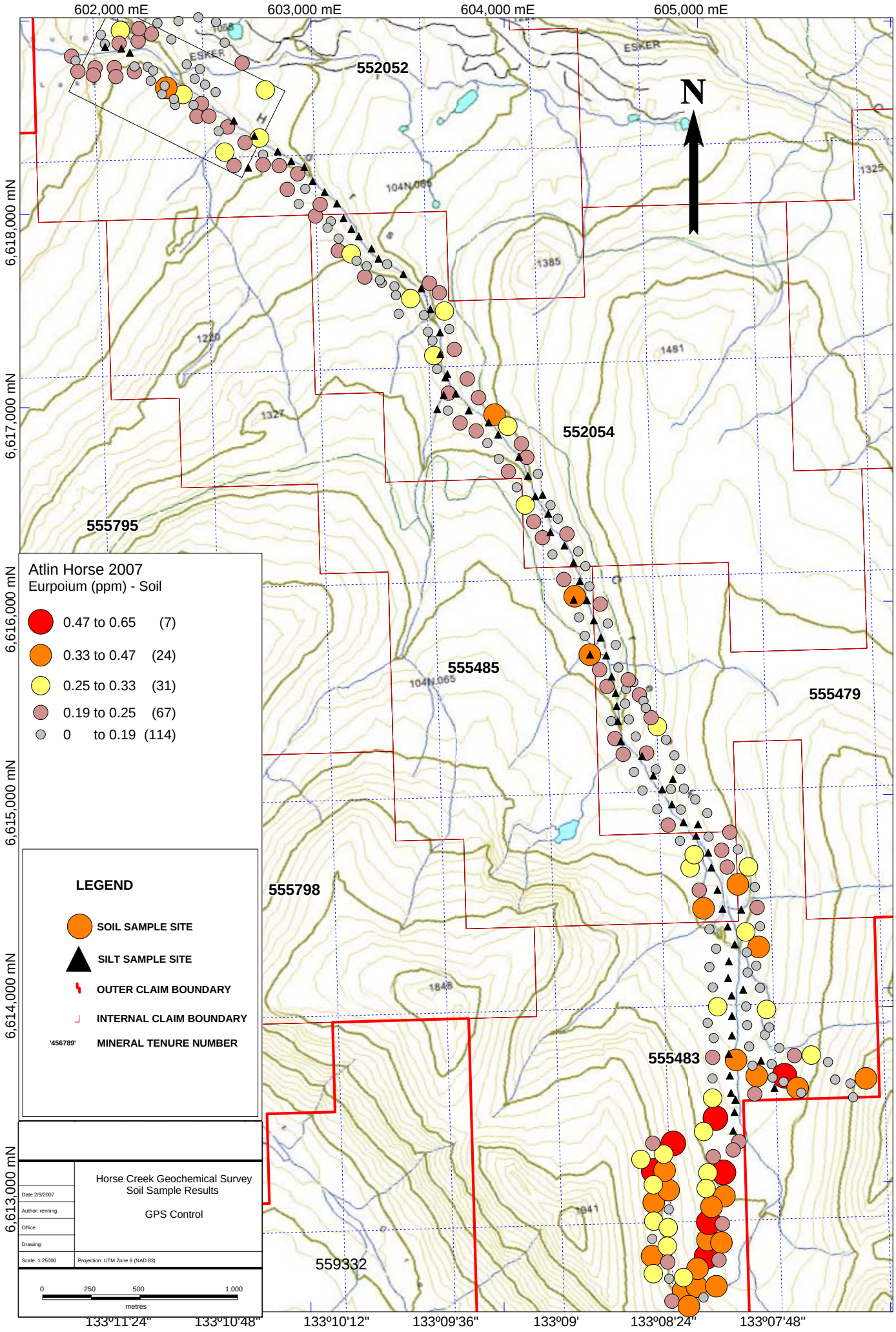
555479
555798
555483
559332
Atlin Horse 2007
Erbium (ppm) - Soil
15.5 to 22.8 (5)
11 to 15.5 (10)
8.59 to 11 (5)
6.57 to 8.59 (19)
3.5 to 657 (44)
0 to 3.5 (160)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°11'24"
133°10'48"
133°10'12"
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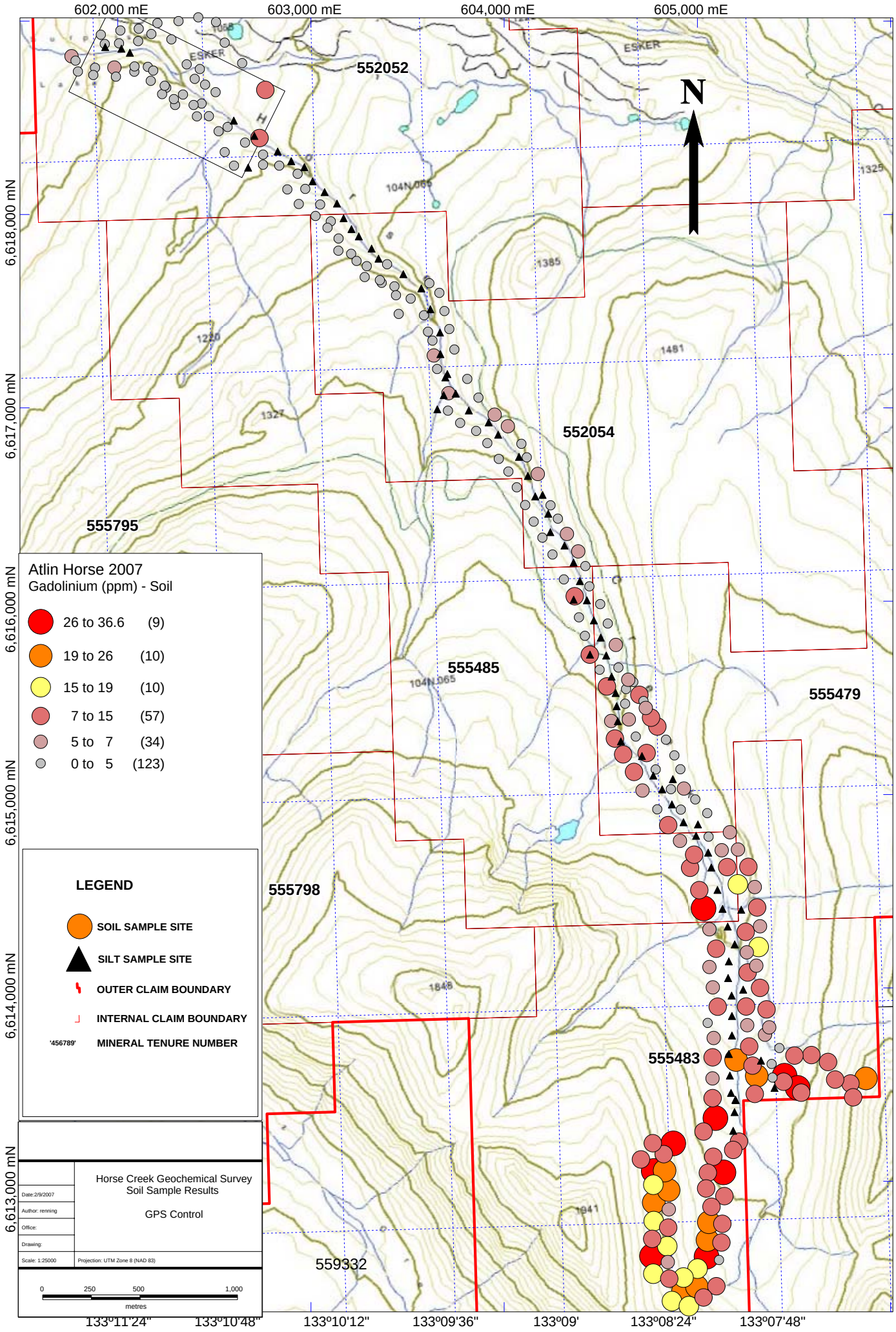
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Eurpoium (ppm) - Soil
0.47 to 0.65 (7)
0.33 to 0.47 (24)
0.25 to 0.33 (31)
0.19 to 0.25 (67)
0 to 0.19 (114)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°11'24"
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133°07'48"
N
ESKER
552052
552054
555795
555485
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555798
555483
559332
Atlin Horse 2007
Gadolinium (ppm) - Soil
26 to 36.6 (9)
19 to 26 (10)
15 to 19 (10)
7 to 15 (57)
5 to 7 (34)
0 to 5 (123)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
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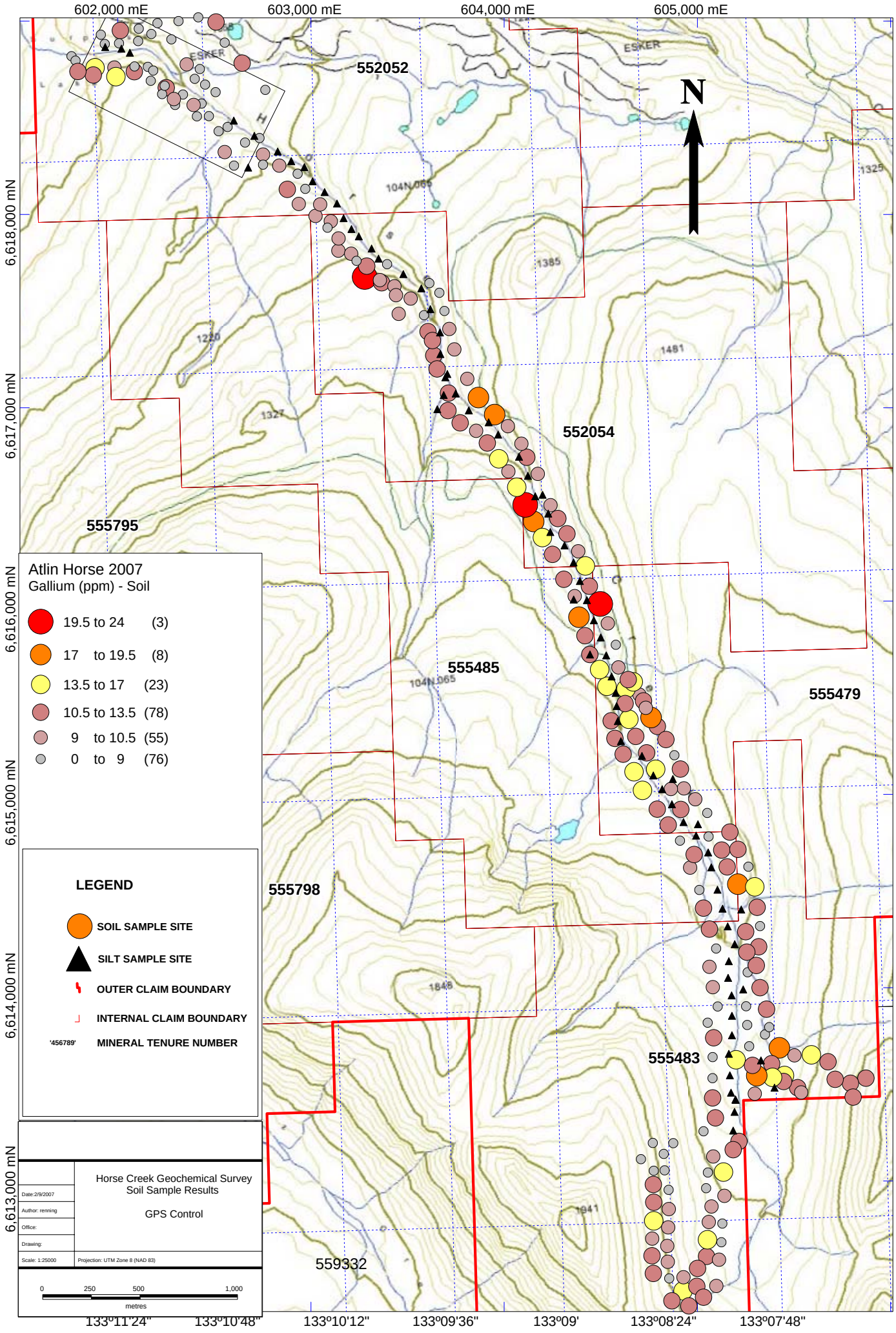
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Gallium (ppm) - Soil
19.5 to 24 (3)
17 to 19.5 (8)
13.5 to 17 (23)
10.5 to 13.5 (78)
9 to 10.5 (55)
0 to 9 (76)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
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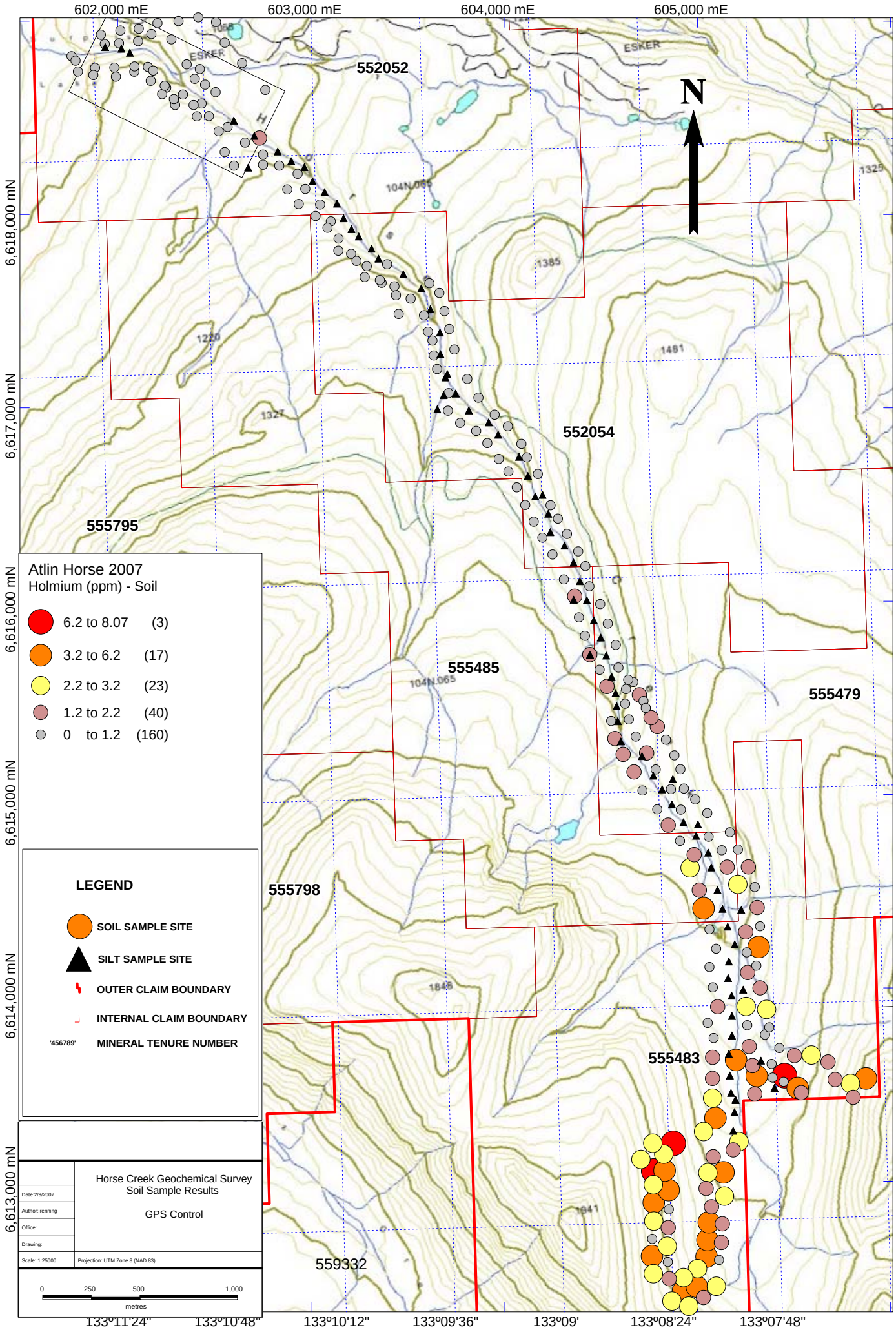
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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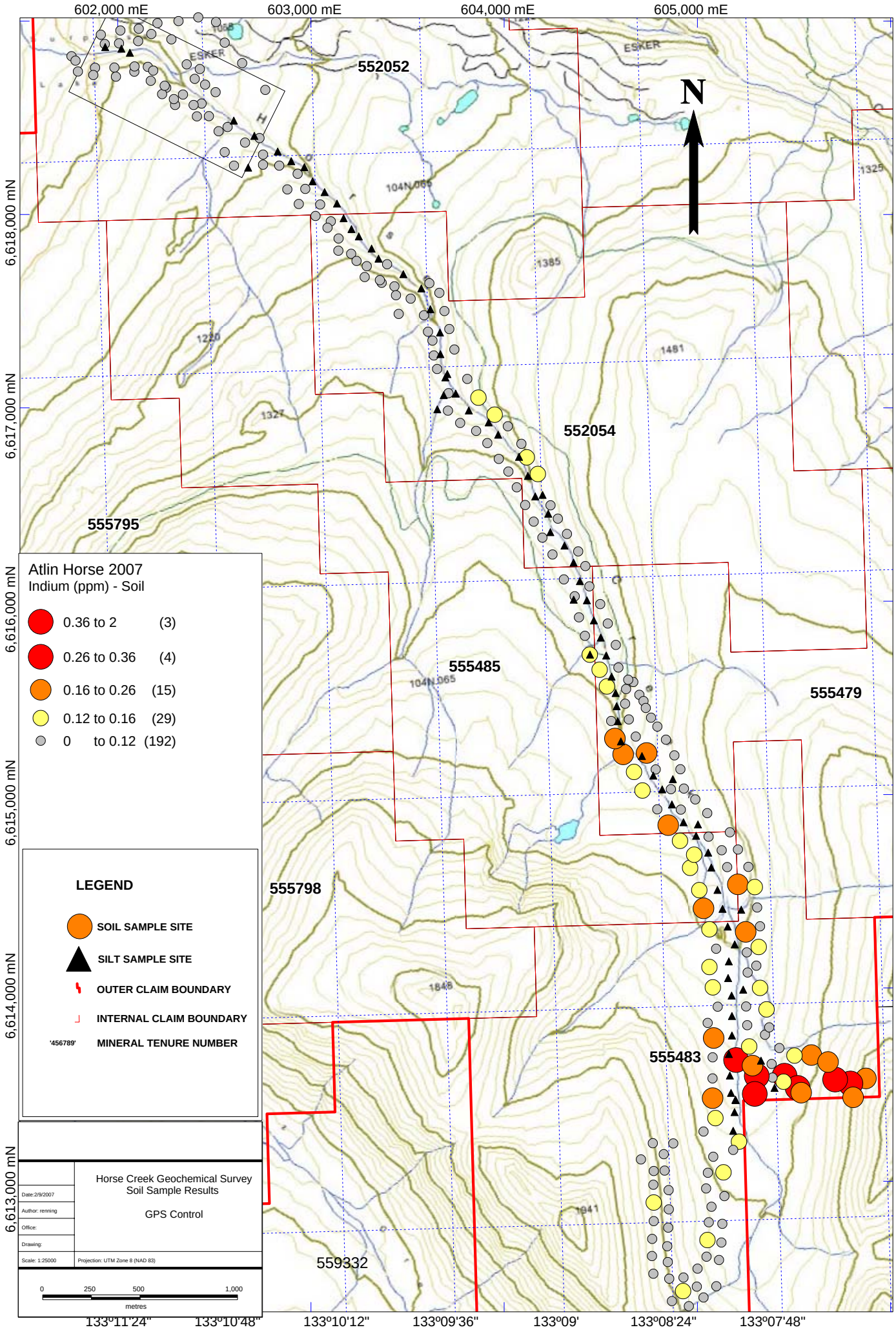
Atlin Horse 2007
Holmium (ppm) - Soil
6.2 to 8.07 (3)
3.2 to 6.2 (17)
2.2 to 3.2 (23)
1.2 to 2.2 (40)
0 to 1.2 (160)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°07'48"
N
ESKER
552052
552054
555795
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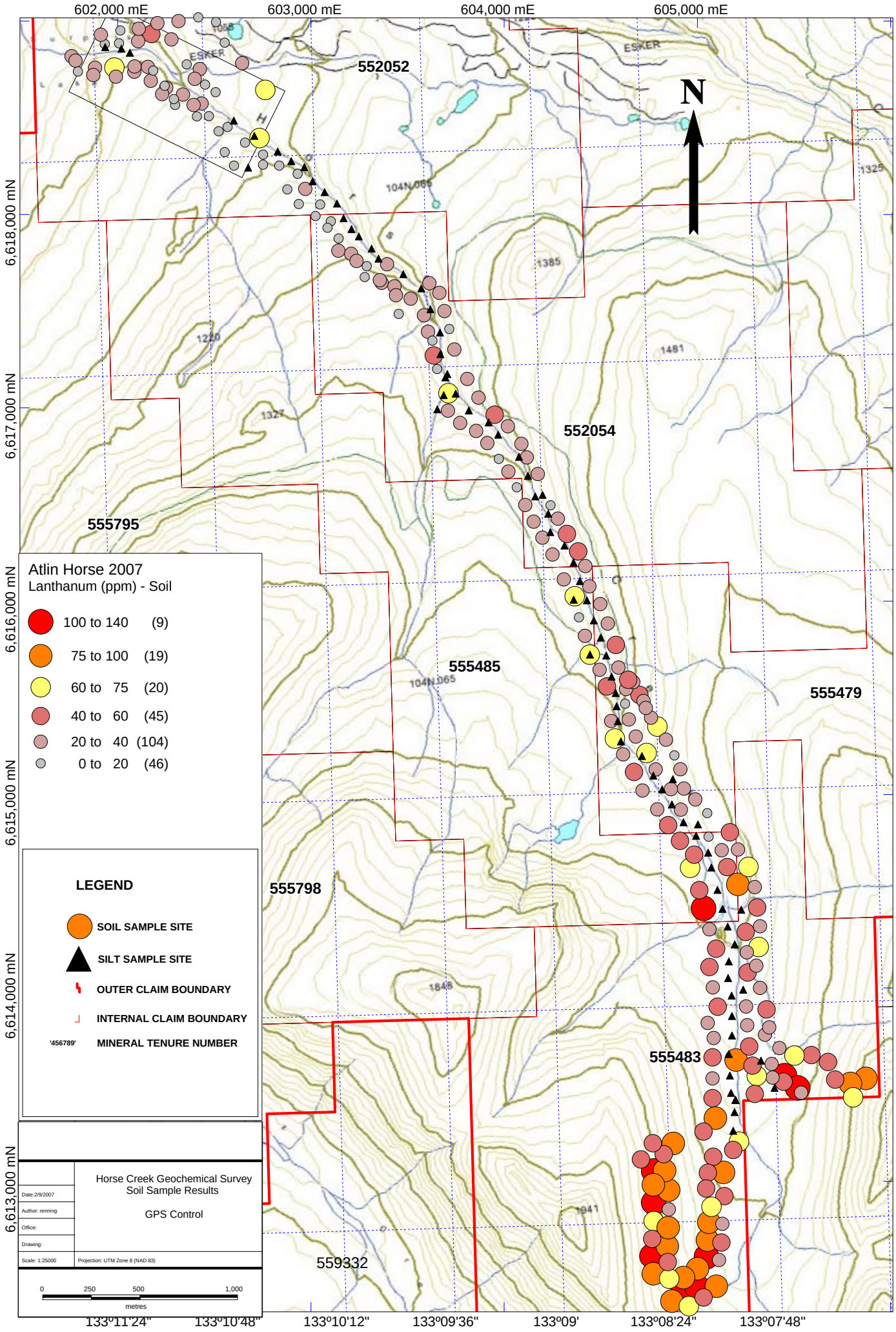
555479
555798
555483
559332
Atlin Horse 2007
Indium (ppm) - Soil
0.36 to 2 (3)
0.26 to 0.36 (4)
0.16 to 0.26 (15)
0.12 to 0.16 (29)
0 to 0.12 (192)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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59°38'24"
133°11'24"
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133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
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555479
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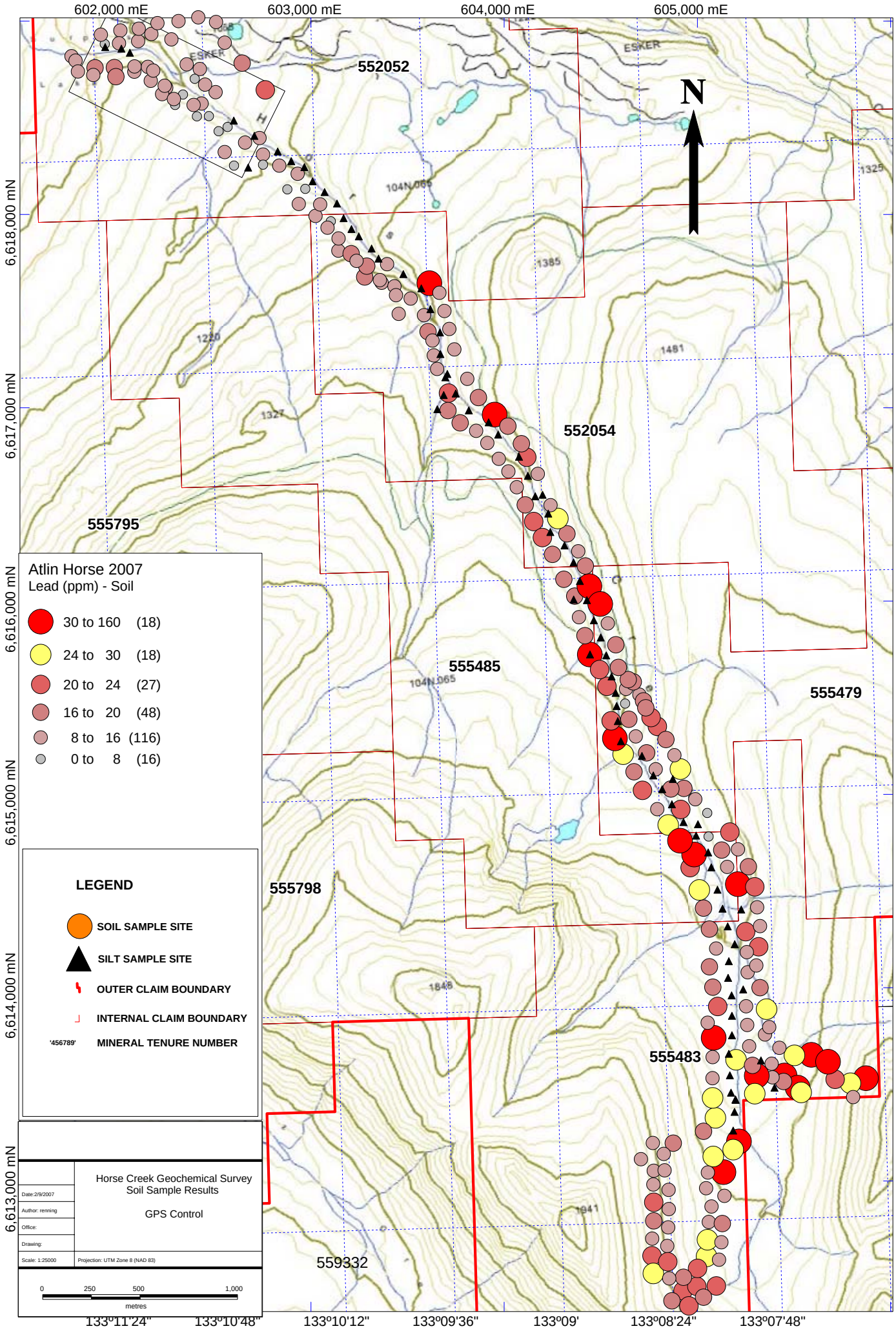
559332
Atlin Horse 2007
Lanthanum (ppm) - Soil
100 to 140 (9)
75 to 100 (19)
60 to 75 (20)
40 to 60 (45)
20 to 40 (104)
0 to 20 (46)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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N
552052
552054
555795
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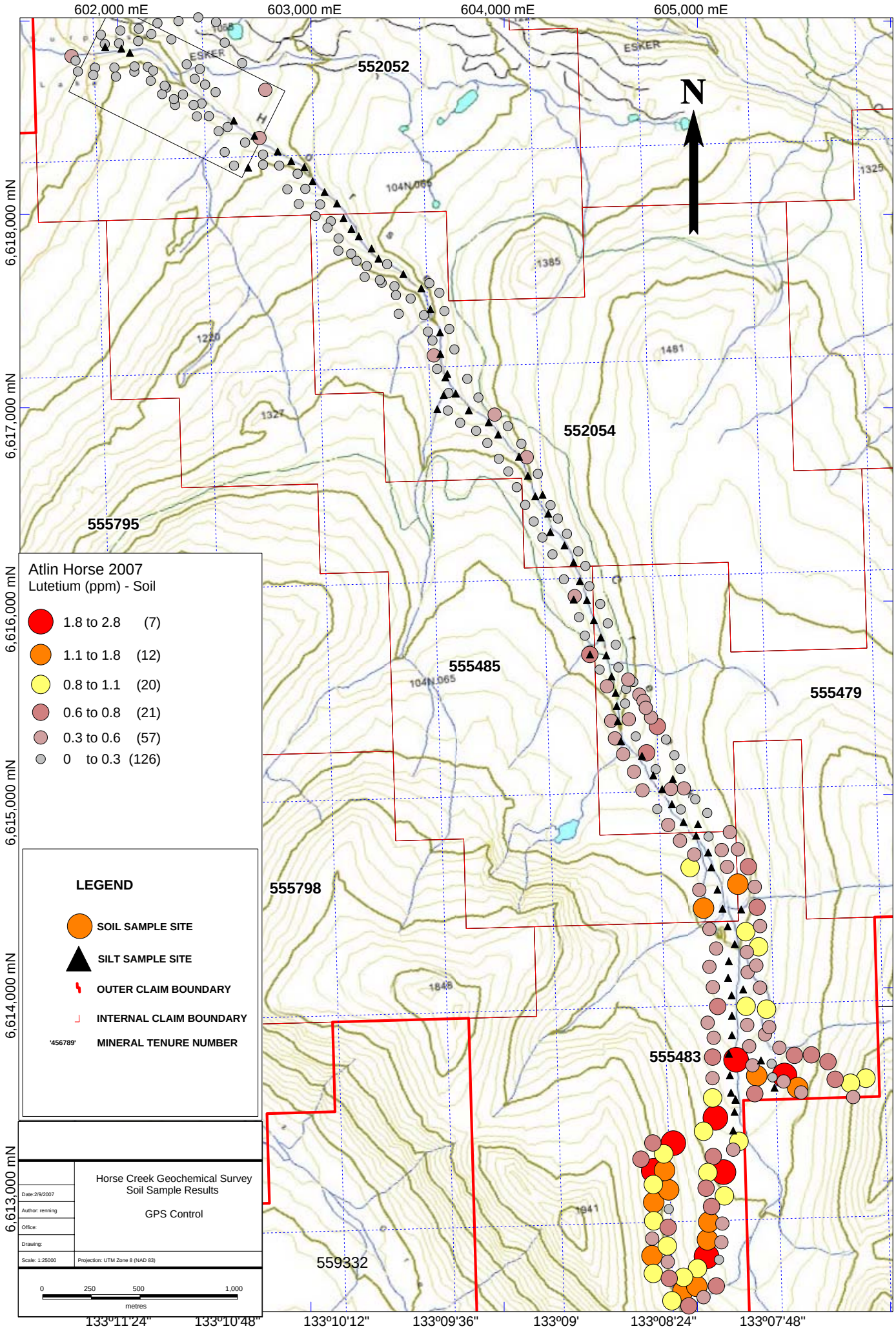
555479
555798
555483
559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Lead (ppm) - Soil
30 to 160 (18)
24 to 30 (18)
20 to 24 (27)
16 to 20 (48)
8 to 16 (116)
0 to 8 (16)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Lutetium (ppm) - Soil
1.8 to 2.8 (7)
1.1 to 1.8 (12)
0.8 to 1.1 (20)
0.6 to 0.8 (21)
0.3 to 0.6 (57)
0 to 0.3 (126)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
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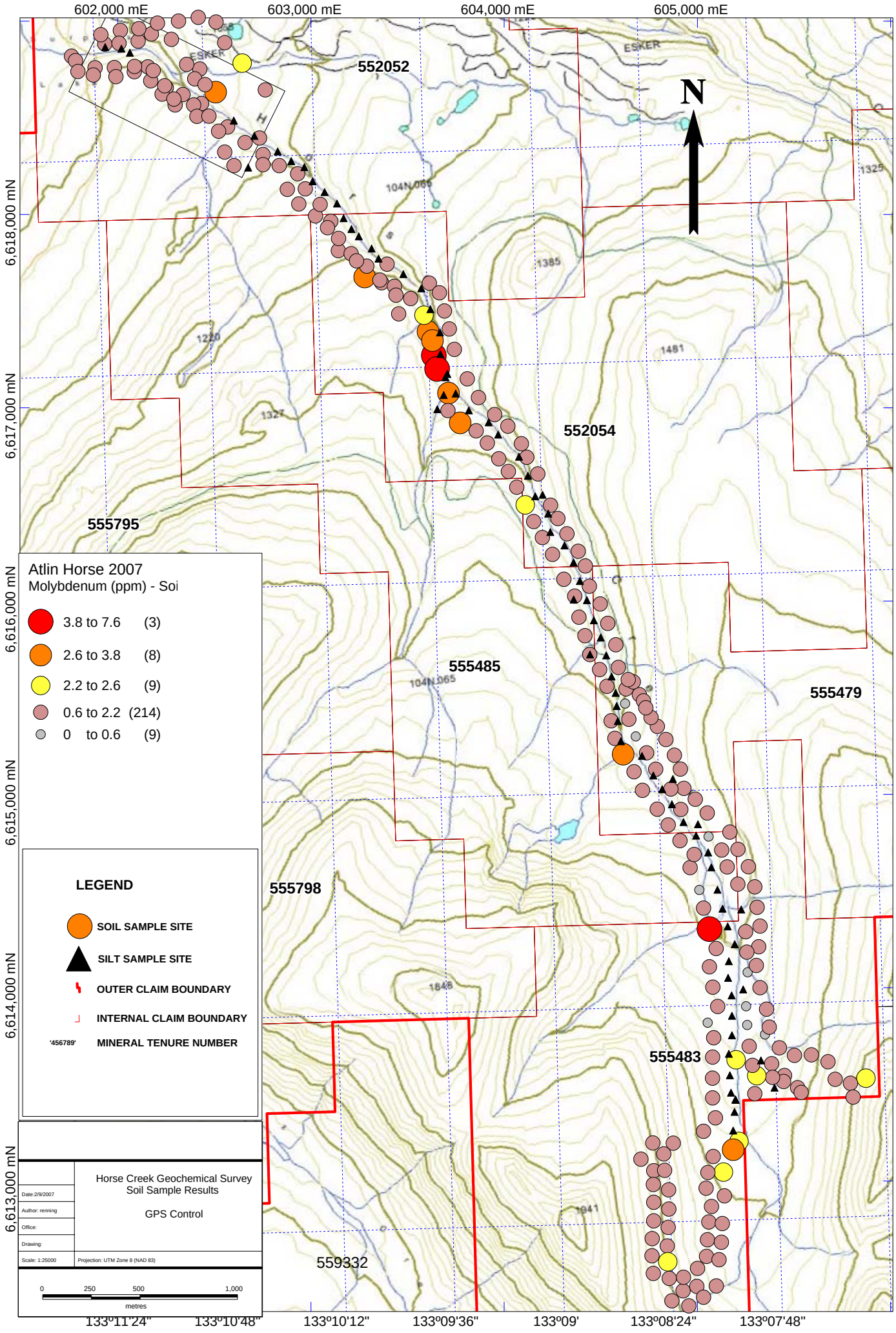
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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N
552052
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559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Molybdenum (ppm) - Soi
3.8 to 7.6 (3)
2.6 to 3.8 (8)
2.2 to 2.6 (9)
0.6 to 2.2 (214)
0 to 0.6 (9)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
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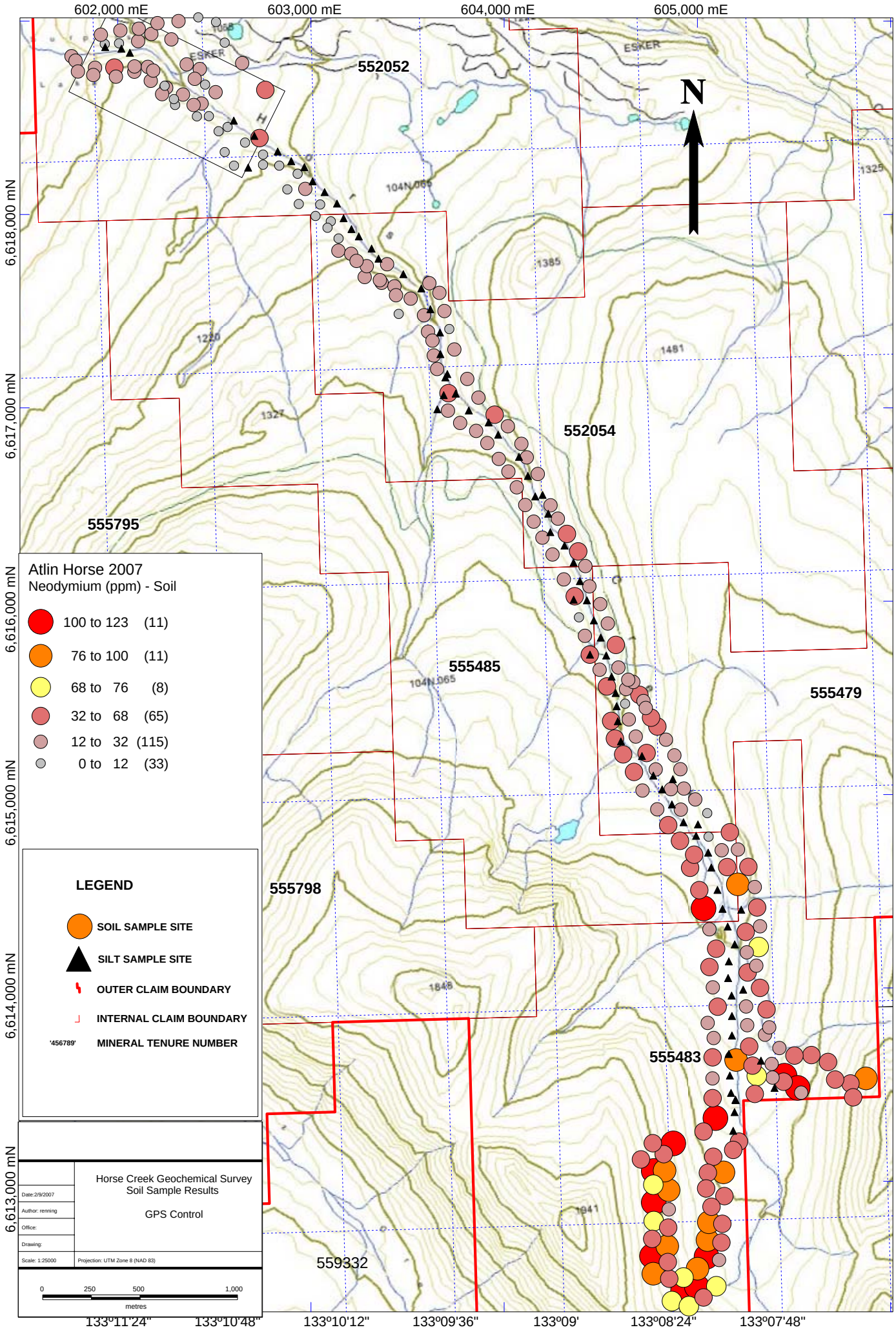
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Neodymium (ppm) - Soil
100 to 123 (11)
76 to 100 (11)
68 to 76 (8)
32 to 68 (65)
12 to 32 (115)
0 to 12 (33)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
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Soil Sample Results
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Drawing:
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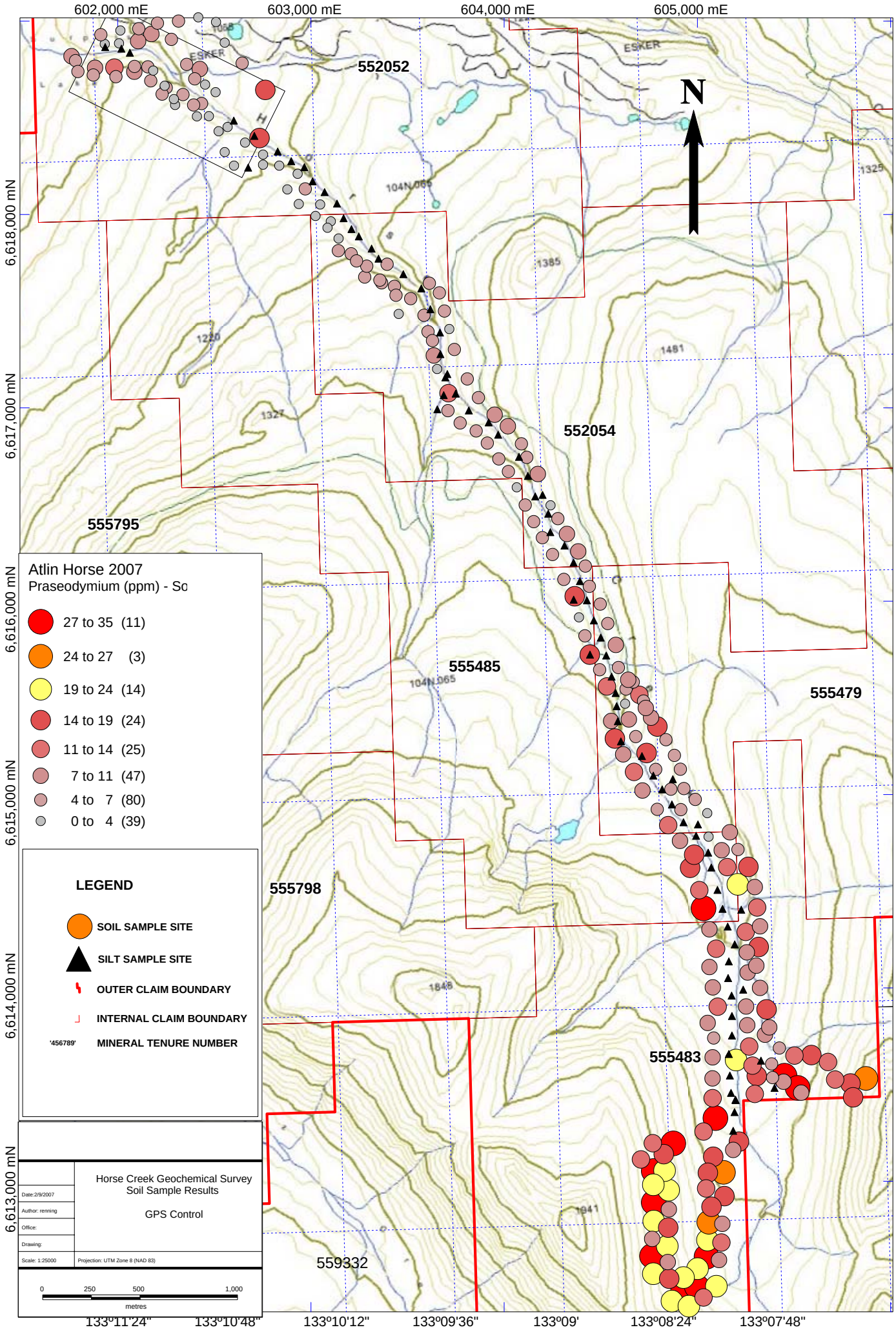
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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555483
559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Praseodymium (ppm) - Sc
27 to 35 (11)
24 to 27 (3)
19 to 24 (14)
14 to 19 (24)
11 to 14 (25)
7 to 11 (47)
4 to 7 (80)
0 to 4 (39)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
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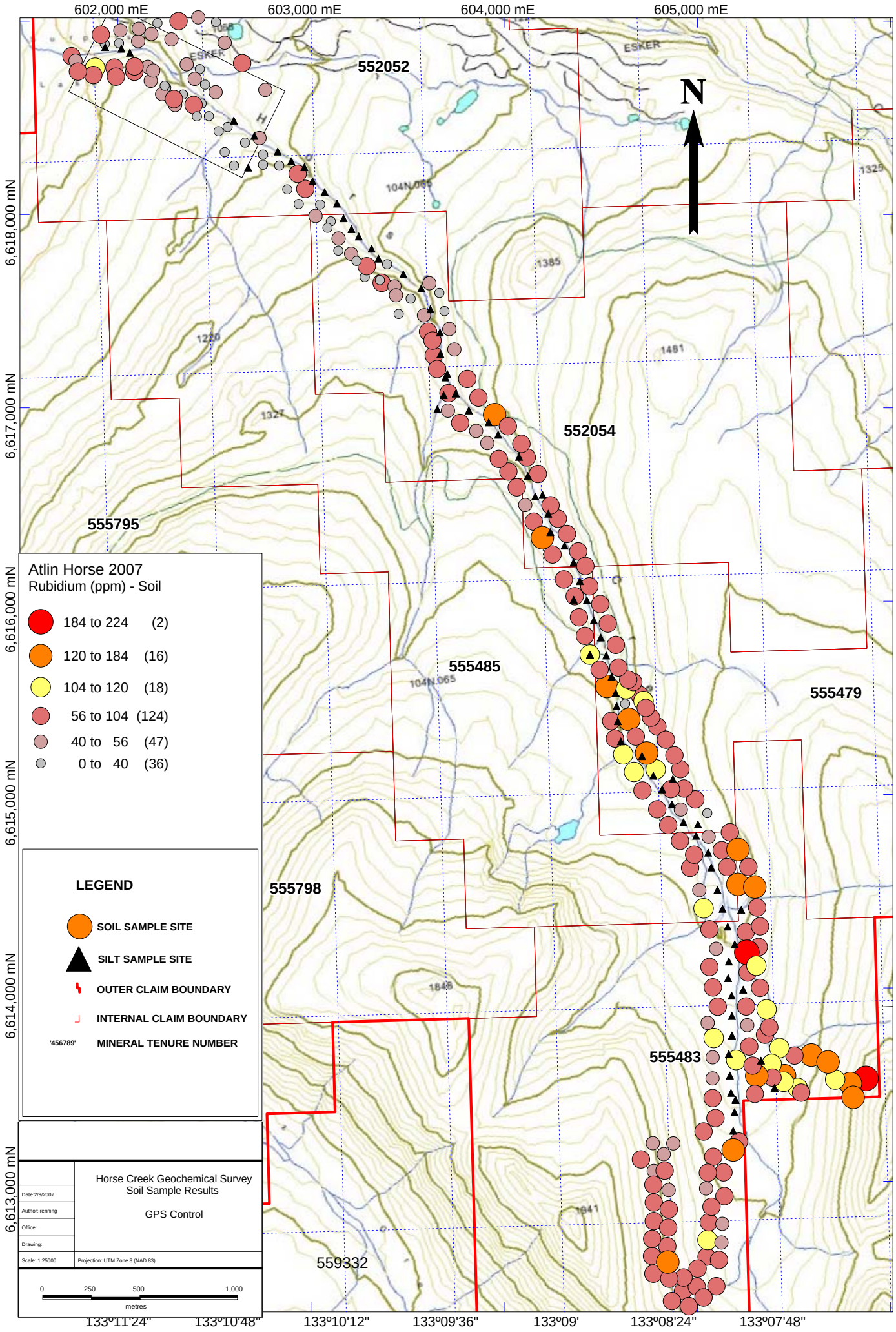
0 250 500 1,000
metres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ESKER
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555798
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559332
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Rubidium (ppm) - Soil
184 to 224 (2)
120 to 184 (16)
104 to 120 (18)
56 to 104 (124)
40 to 56 (47)
0 to 40 (36)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
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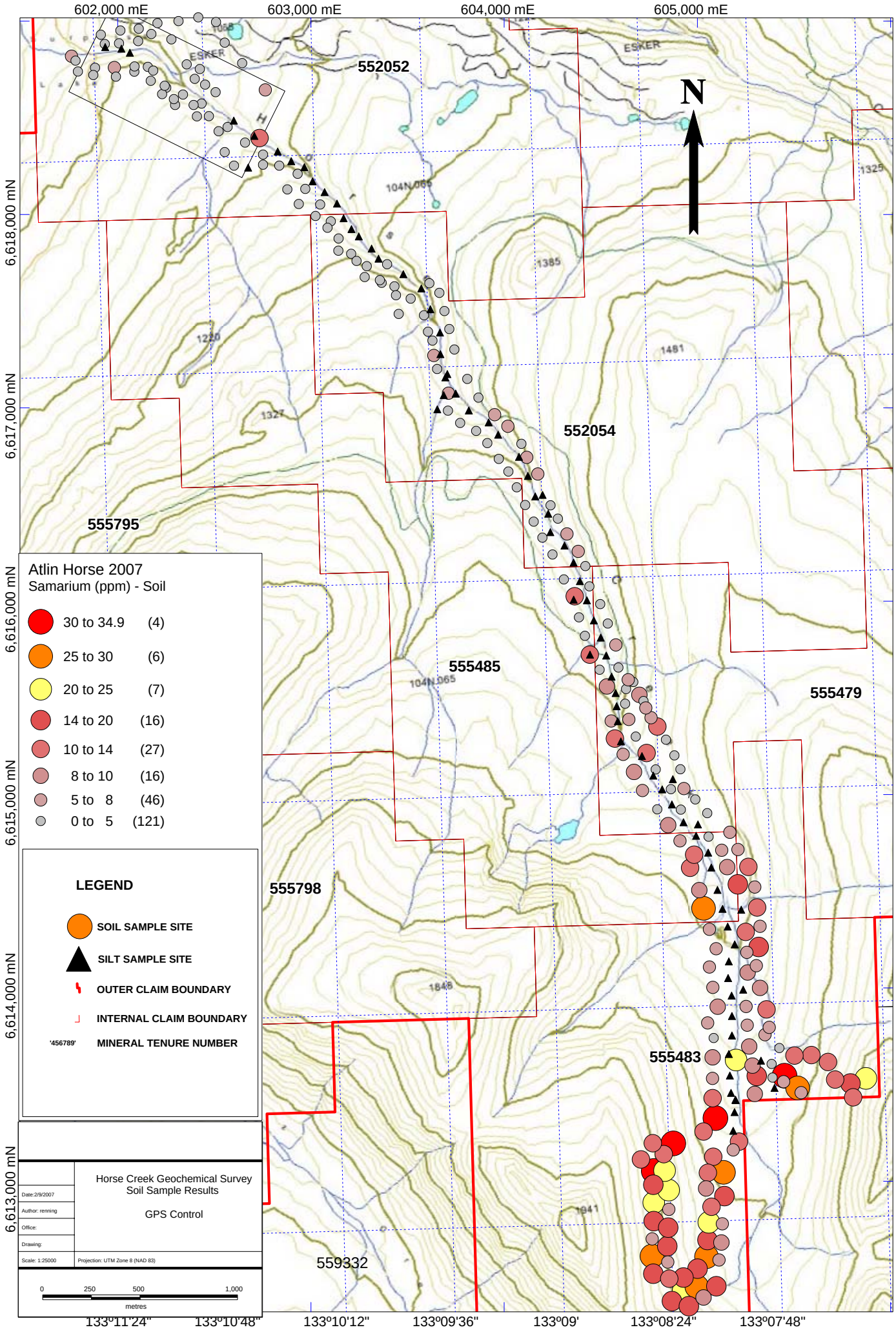
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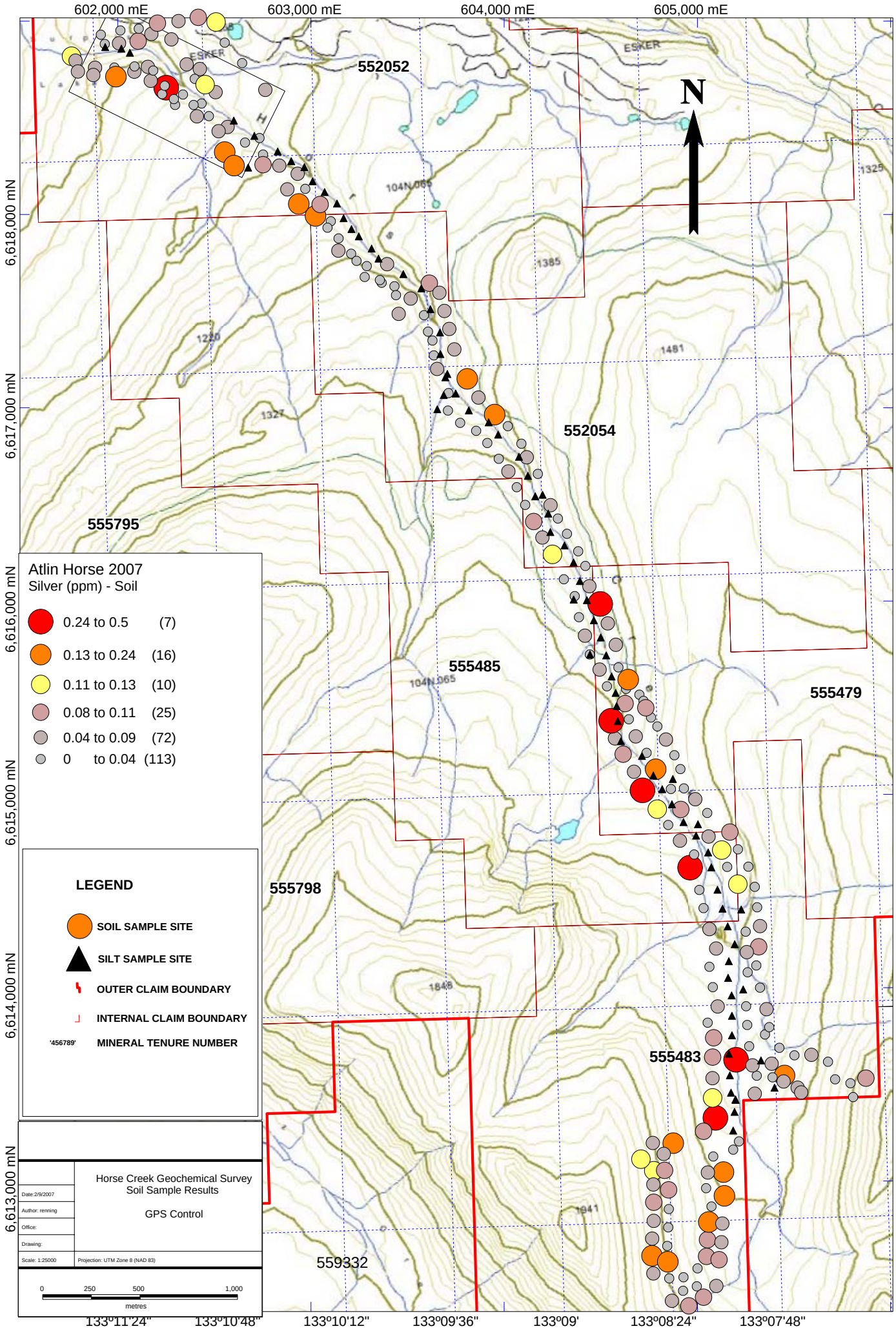
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Samarium (ppm) - Soil
30 to 34.9 (4)
25 to 30 (6)
20 to 25 (7)
14 to 20 (16)
10 to 14 (27)
8 to 10 (16)
5 to 8 (46)
0 to 5 (121)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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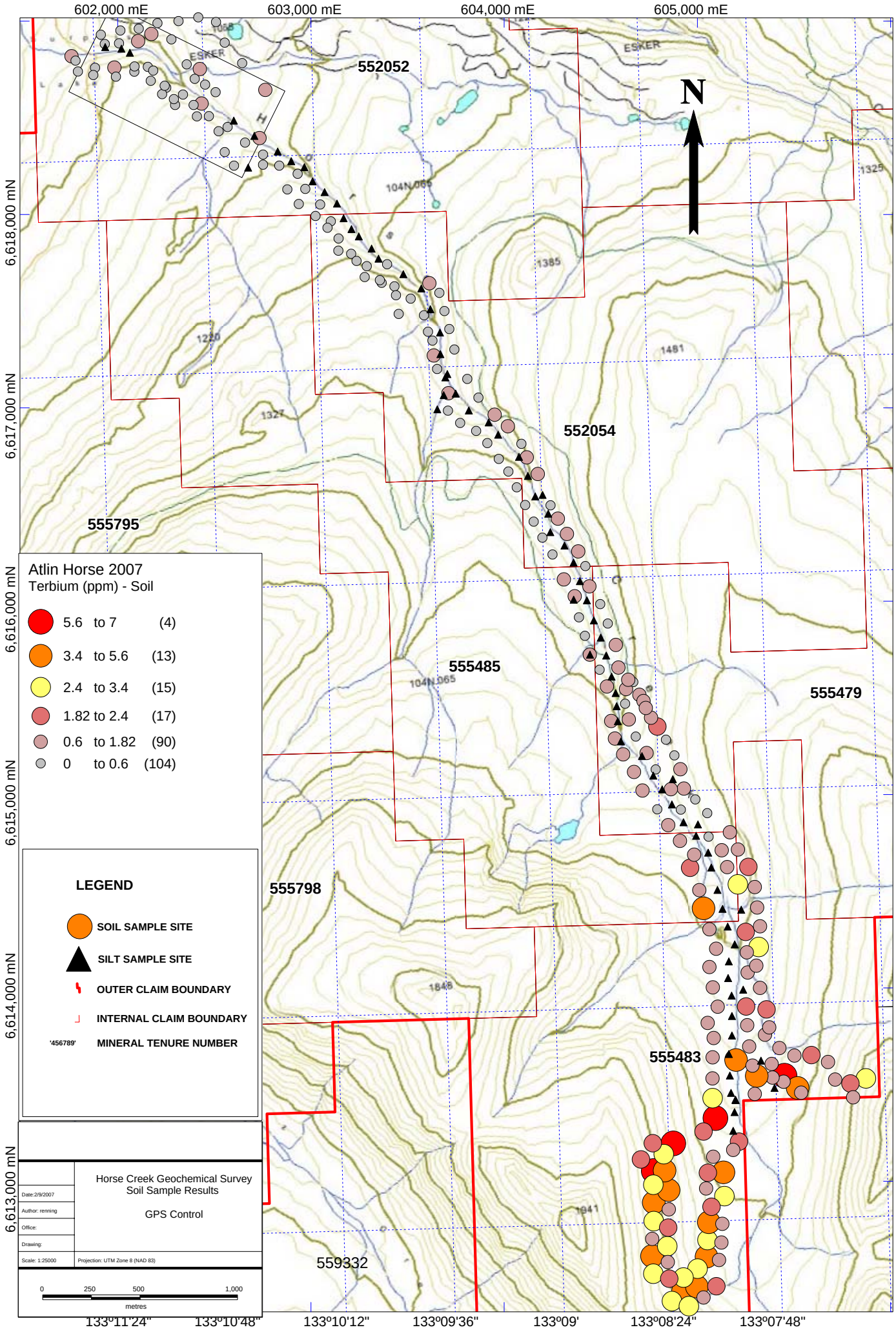
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
104N.065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Silver (ppm) - Soil
0.24 to 0.5 (7)
0.13 to 0.24 (16)
0.11 to 0.13 (10)
0.08 to 0.11 (25)
0.04 to 0.09 (72)
0 to 0.04 (113)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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6,613,000 mN
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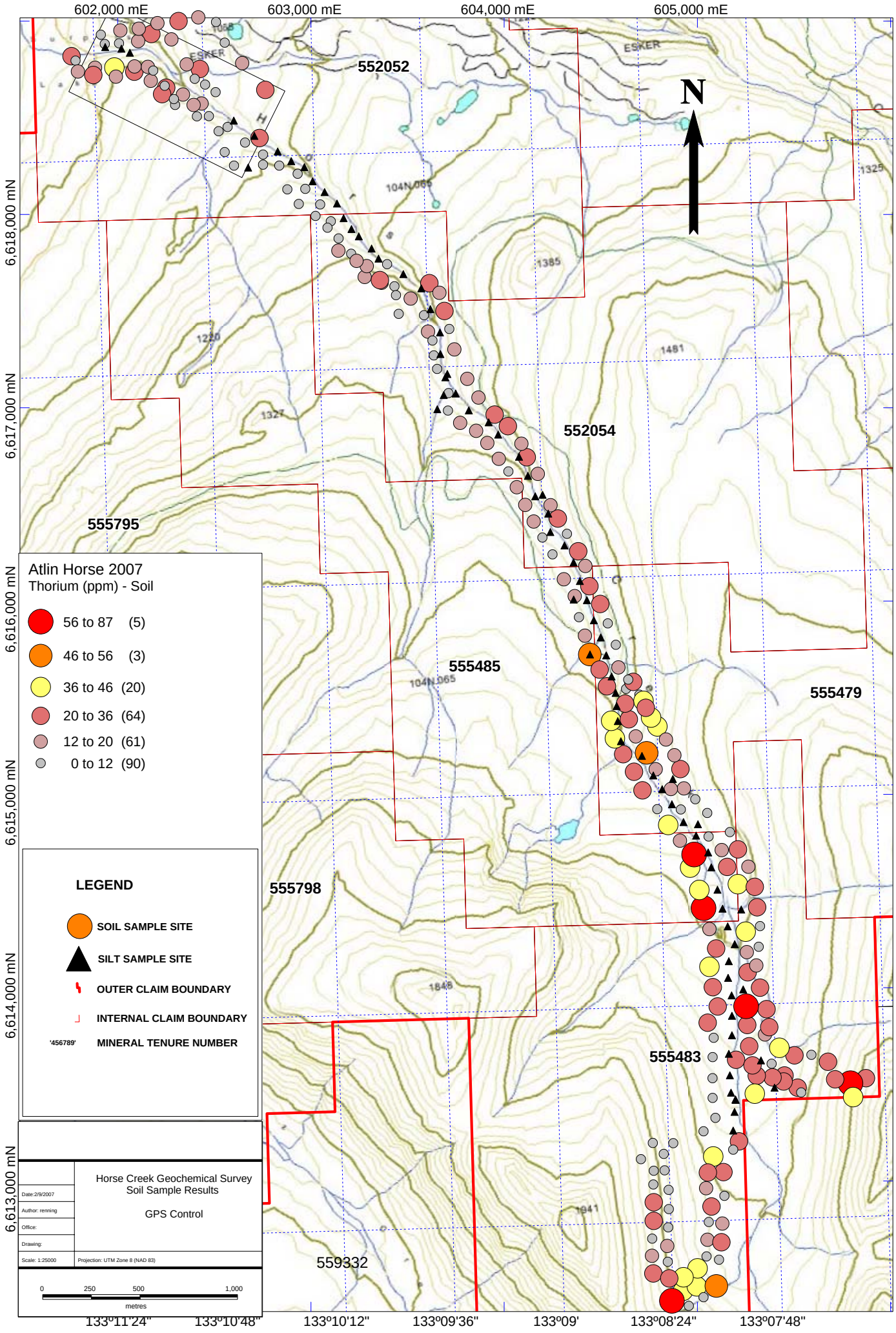
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Terbium (ppm) - Soil
5.6 to 7 (4)
3.4 to 5.6 (13)
2.4 to 3.4 (15)
1.82 to 2.4 (17)
0.6 to 1.82 (90)
0 to 0.6 (104)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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6,613,000 mN
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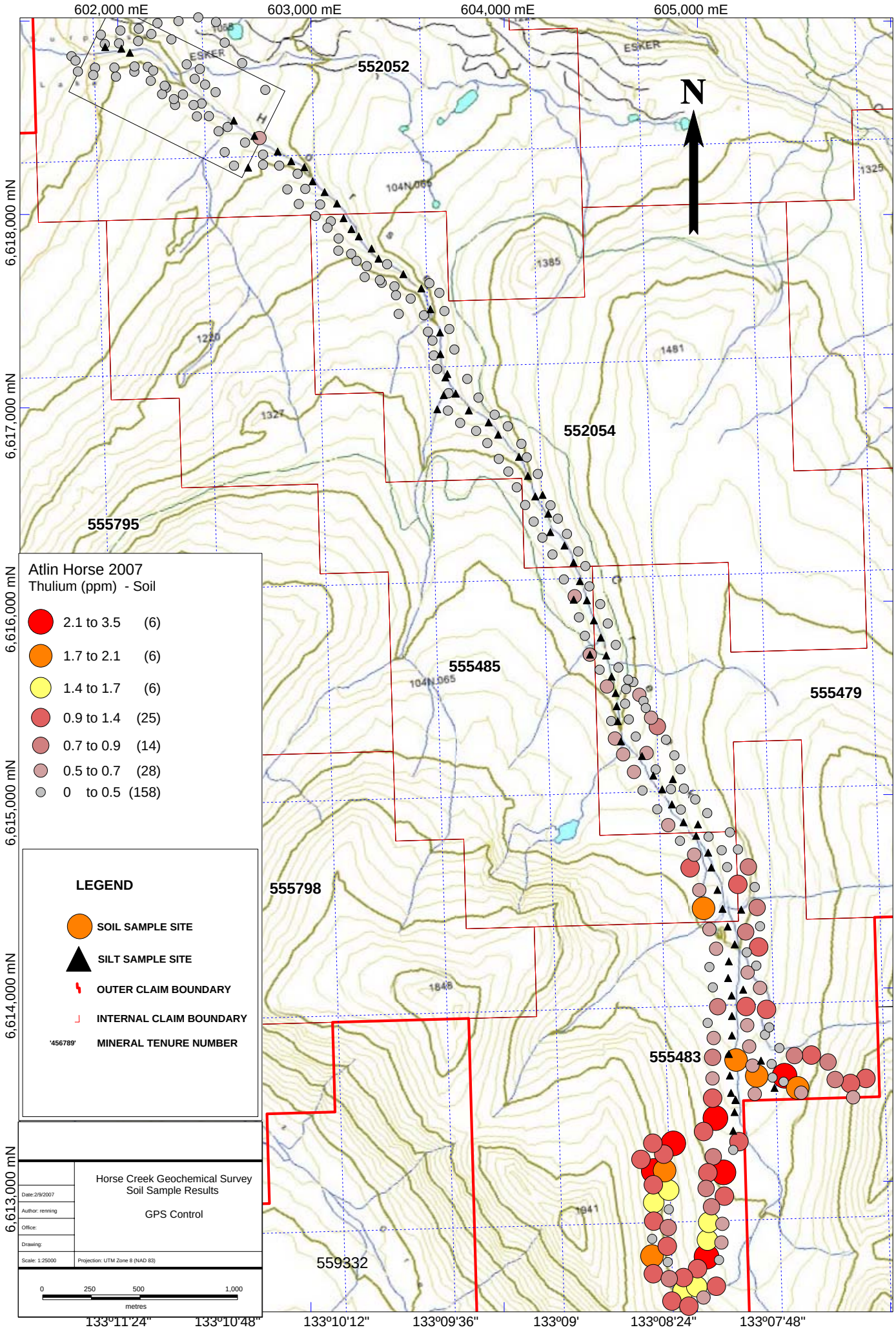
59°40'48"
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
552052
552054
555795
555485
555479
555798
555483
559332
ESKER
104N.065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Thorium (ppm) - Soil
56 to 87 (5)
46 to 56 (3)
36 to 46 (20)
20 to 36 (64)
12 to 20 (61)
0 to 12 (90)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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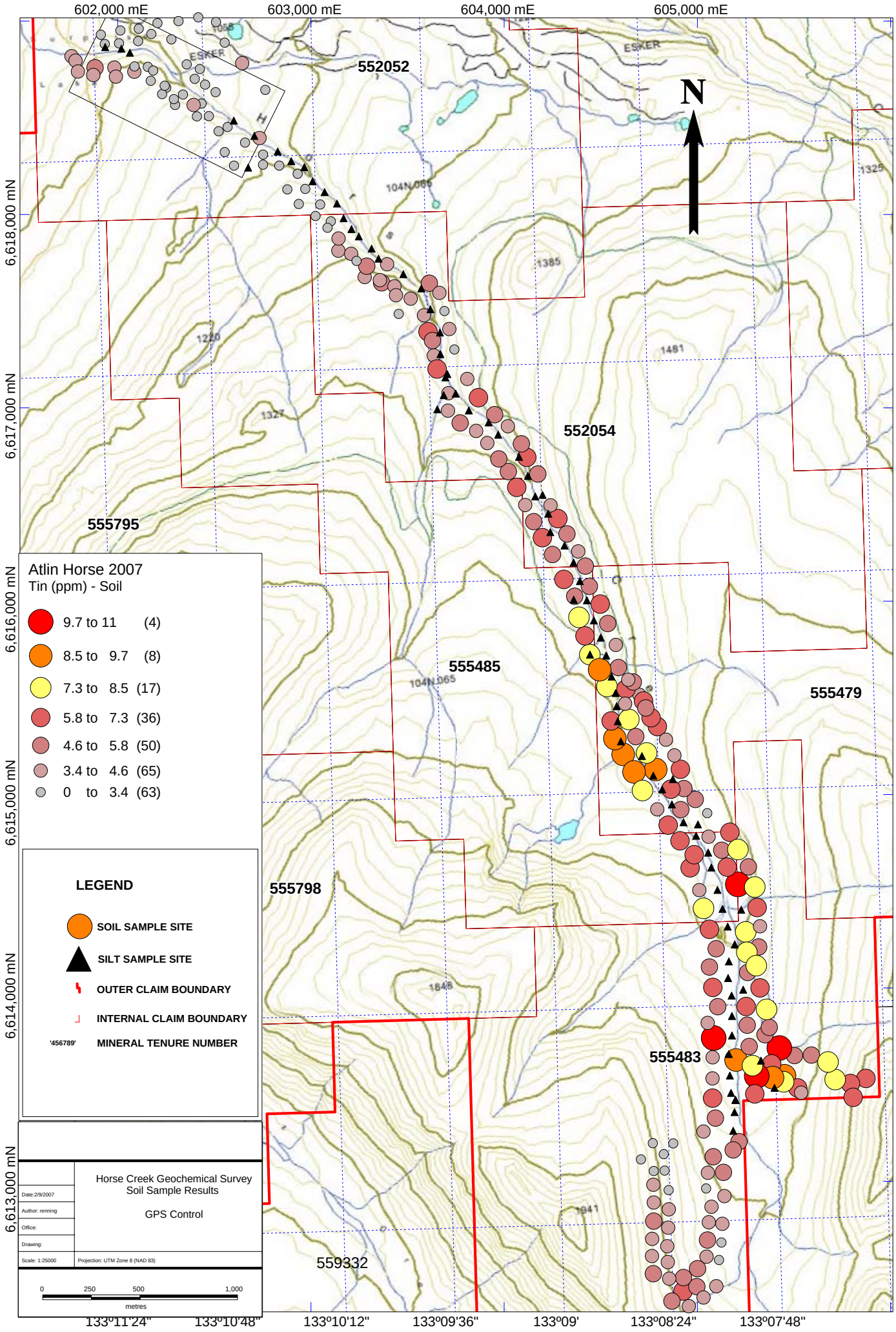
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Thulium (ppm) - Soil
2.1 to 3.5 (6)
1.7 to 2.1 (6)
1.4 to 1.7 (6)
0.9 to 1.4 (25)
0.7 to 0.9 (14)
0.5 to 0.7 (28)
0 to 0.5 (158)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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6,613,000 mN
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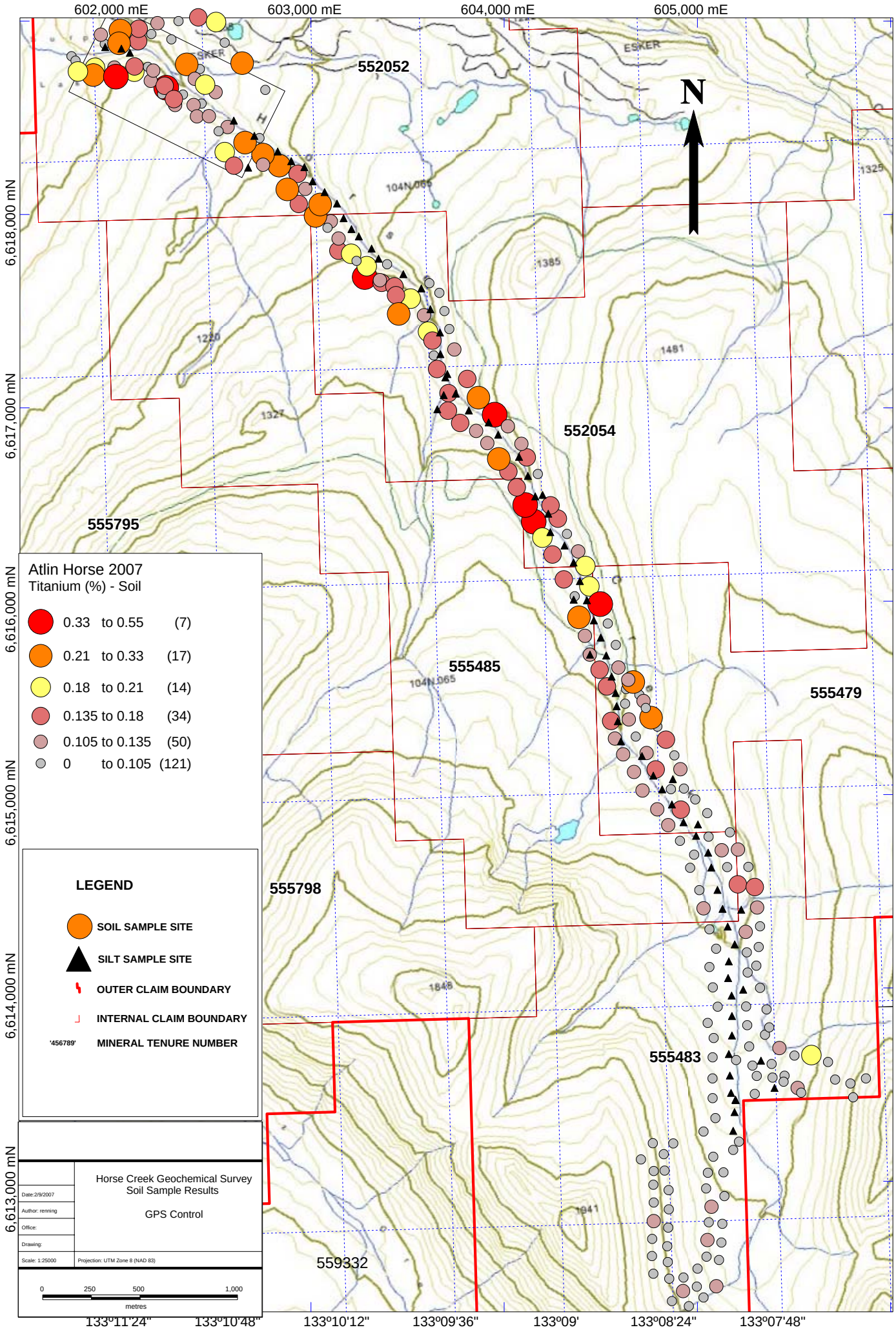
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Tin (ppm) - Soil
9.7 to 11 (4)
8.5 to 9.7 (8)
7.3 to 8.5 (17)
5.8 to 7.3 (36)
4.6 to 5.8 (50)
3.4 to 4.6 (65)
0 to 3.4 (63)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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6,616,000 mN
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6,614,000 mN
6,613,000 mN
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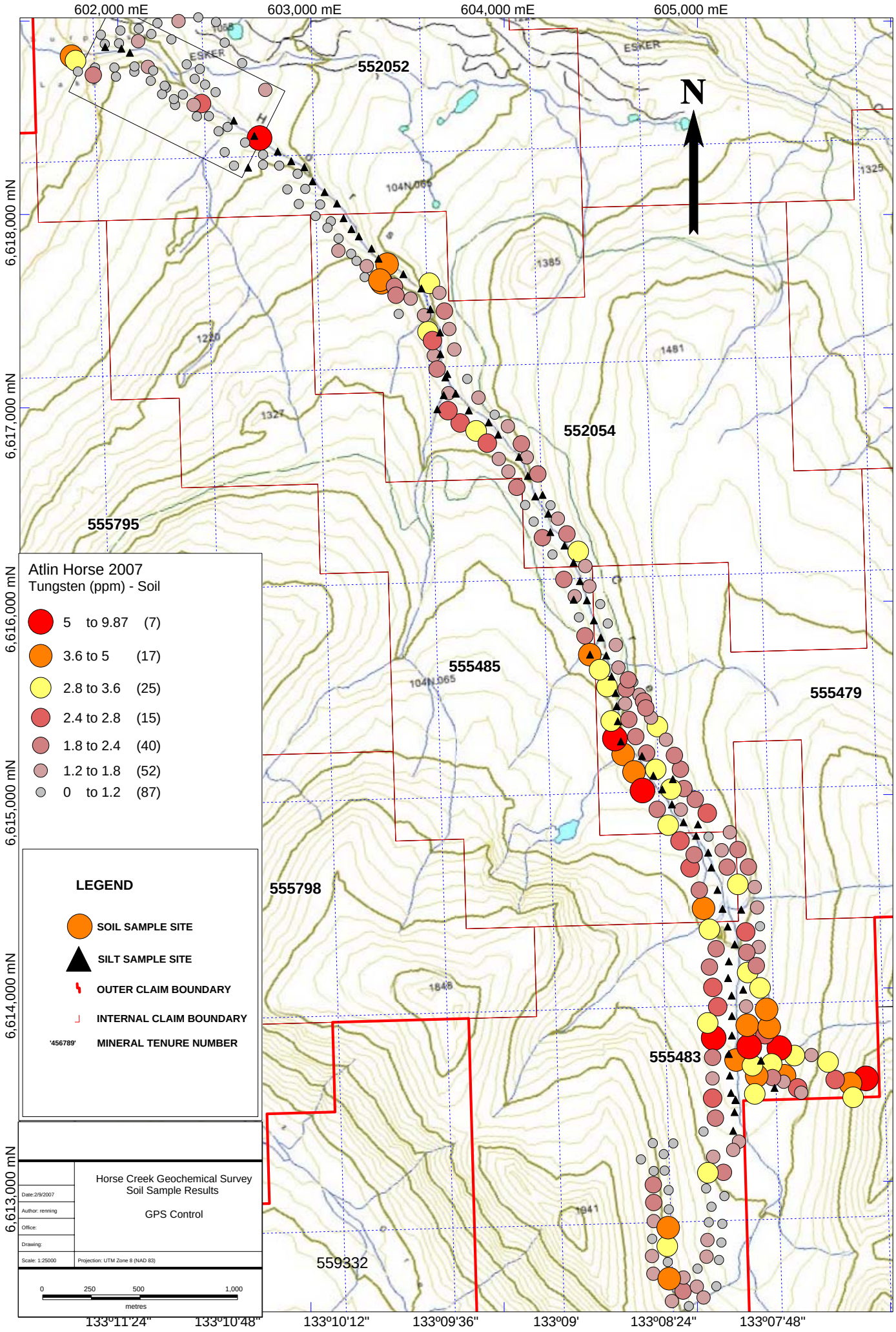
59°40'48"
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Titanium (%) - Soil
0.33 to 0.55 (7)
0.21 to 0.33 (17)
0.18 to 0.21 (14)
0.135 to 0.18 (34)
0.105 to 0.135 (50)
0 to 0.105 (121)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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605,000 mE
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6,616,000 mN
6,615,000 mN
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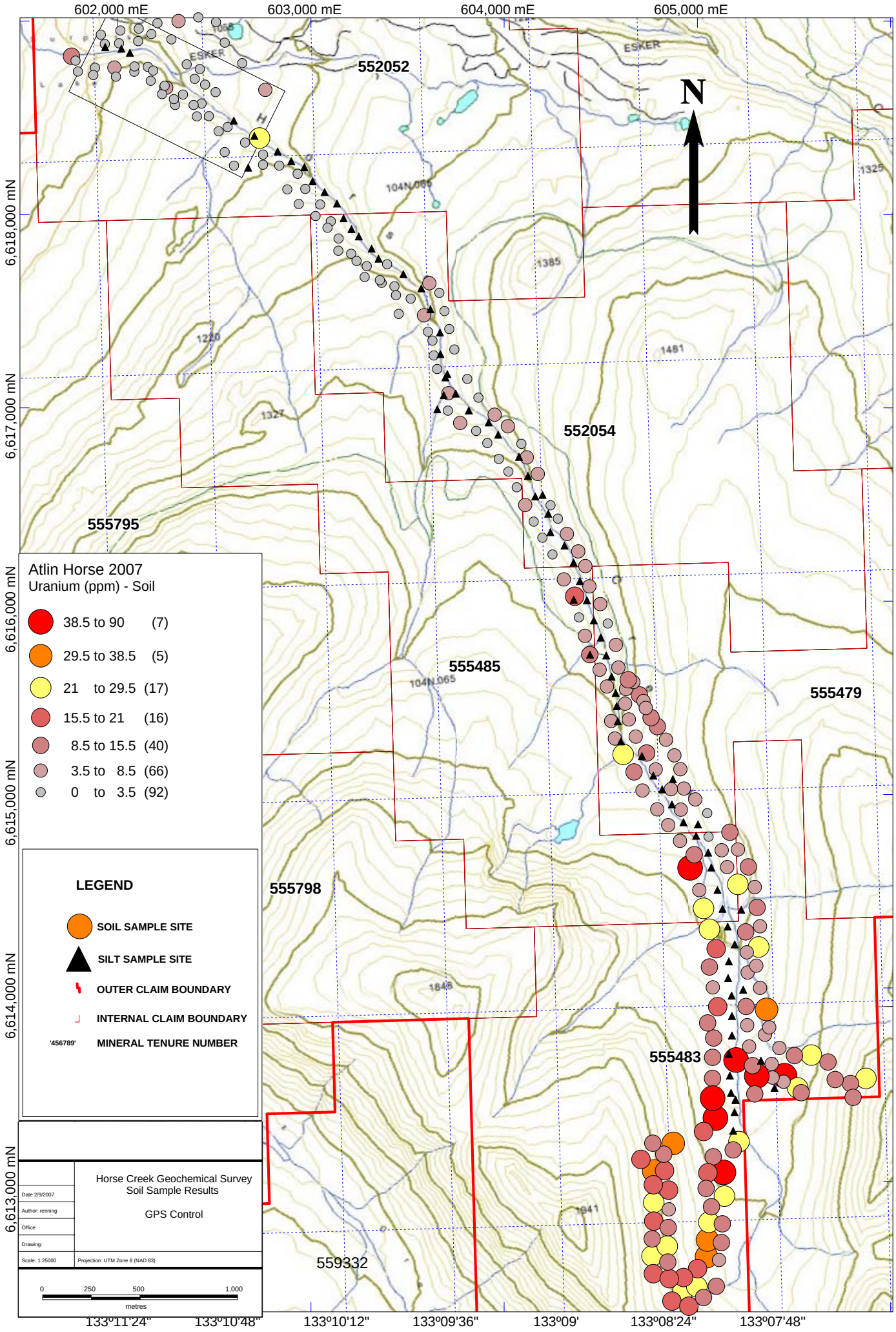
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Tungsten (ppm) - Soil
5 to 9.87 (7)
3.6 to 5 (17)
2.8 to 3.6 (25)
2.4 to 2.8 (15)
1.8 to 2.4 (40)
1.2 to 1.8 (52)
0 to 1.2 (87)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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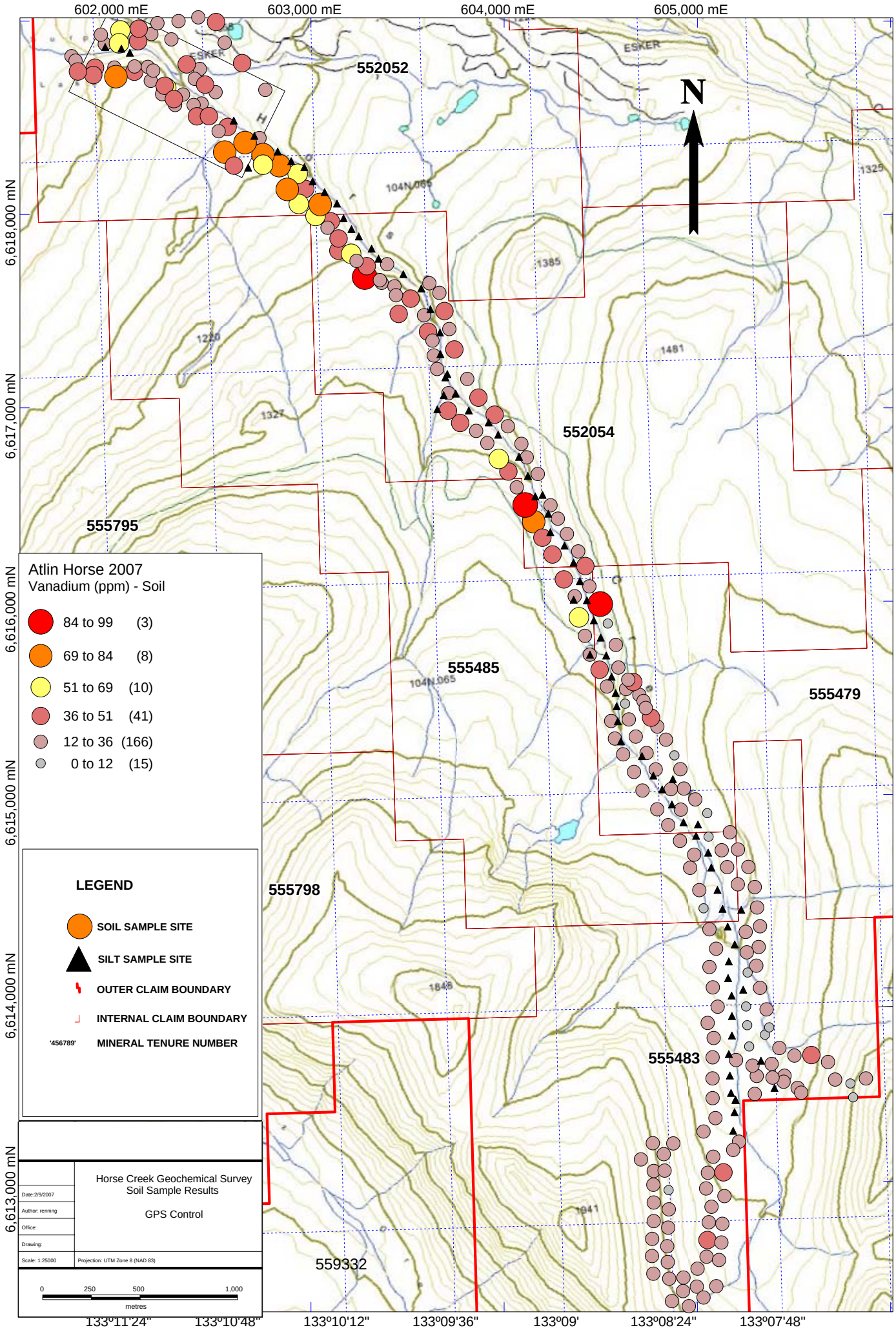
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Uranium (ppm) - Soil
38.5 to 90 (7)
29.5 to 38.5 (5)
21 to 29.5 (17)
15.5 to 21 (16)
8.5 to 15.5 (40)
3.5 to 8.5 (66)
0 to 3.5 (92)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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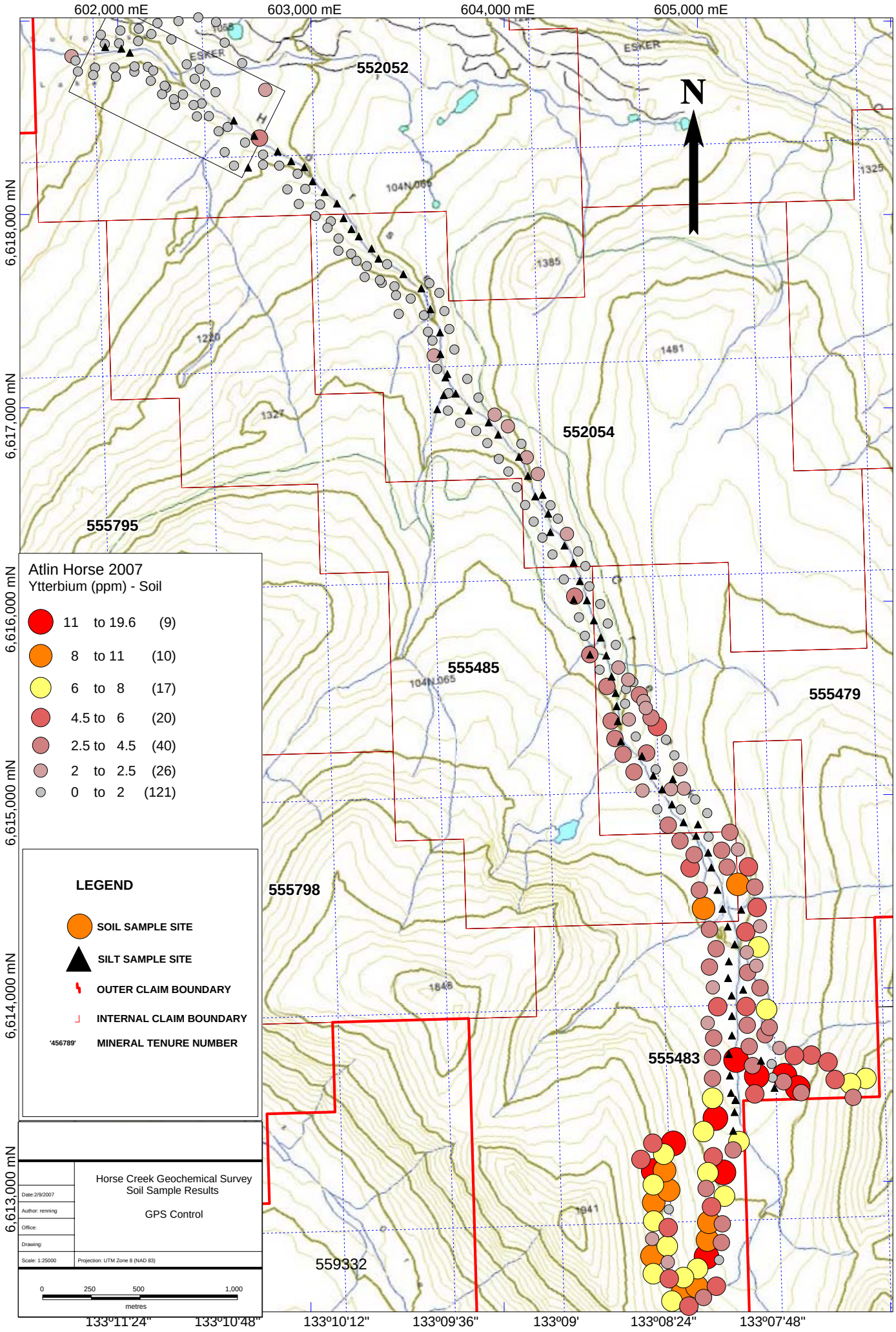
133°09'
133°08'24"
133°07'48"
N
552052
552054
555795
555485
555479
555798
555483
559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Vanadium (ppm) - Soil
84 to 99 (3)
69 to 84 (8)
51 to 69 (10)
36 to 51 (41)
12 to 36 (166)
0 to 12 (15)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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6,616,000 mN
6,615,000 mN
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6,613,000 mN
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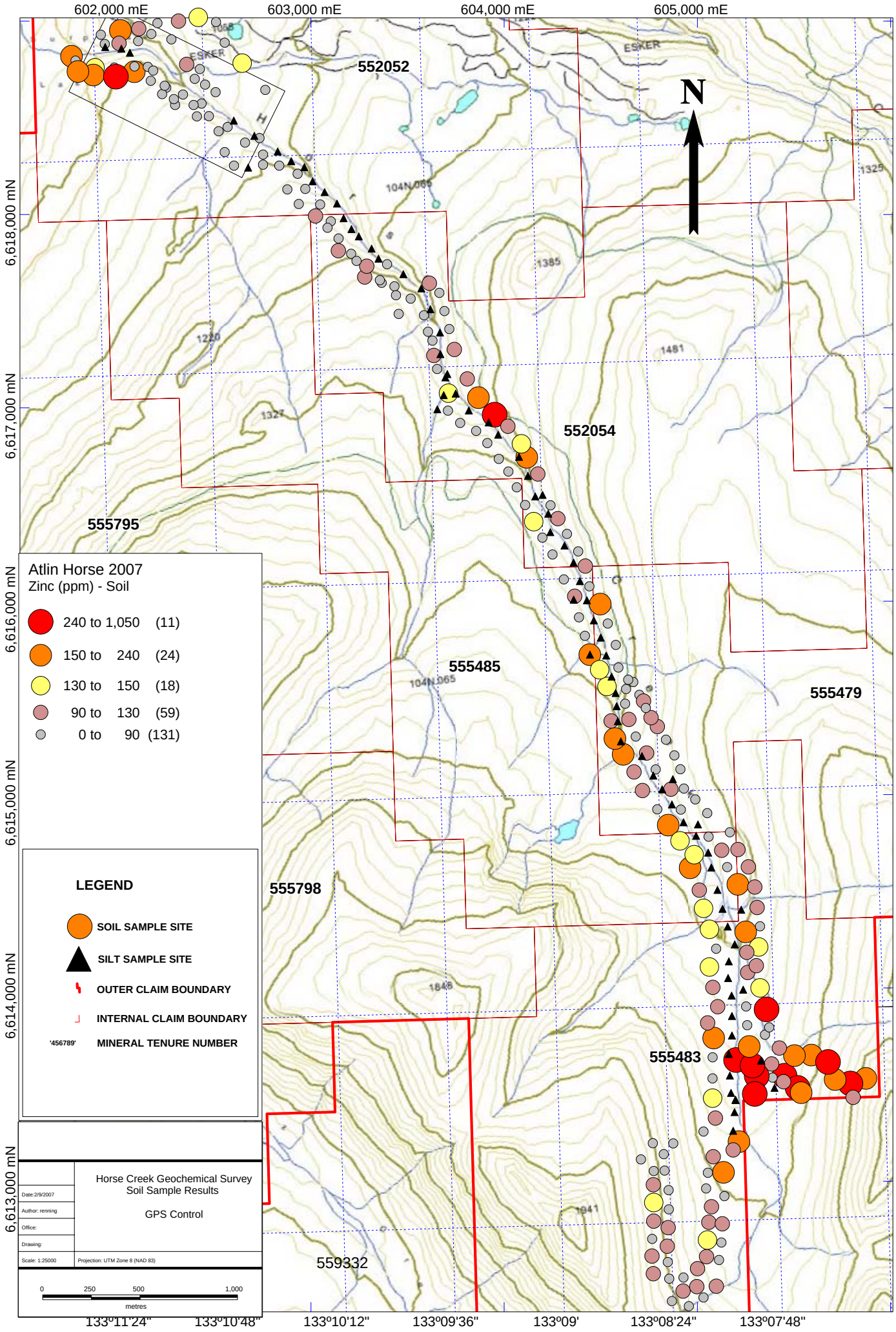
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Ytterbium (ppm) - Soil
11 to 19.6 (9)
8 to 11 (10)
6 to 8 (17)
4.5 to 6 (20)
2.5 to 4.5 (40)
2 to 2.5 (26)
0 to 2 (121)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Zinc (ppm) - Soil
240 to 1,050 (11)
150 to 240 (24)
130 to 150 (18)
90 to 130 (59)
0 to 90 (131)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
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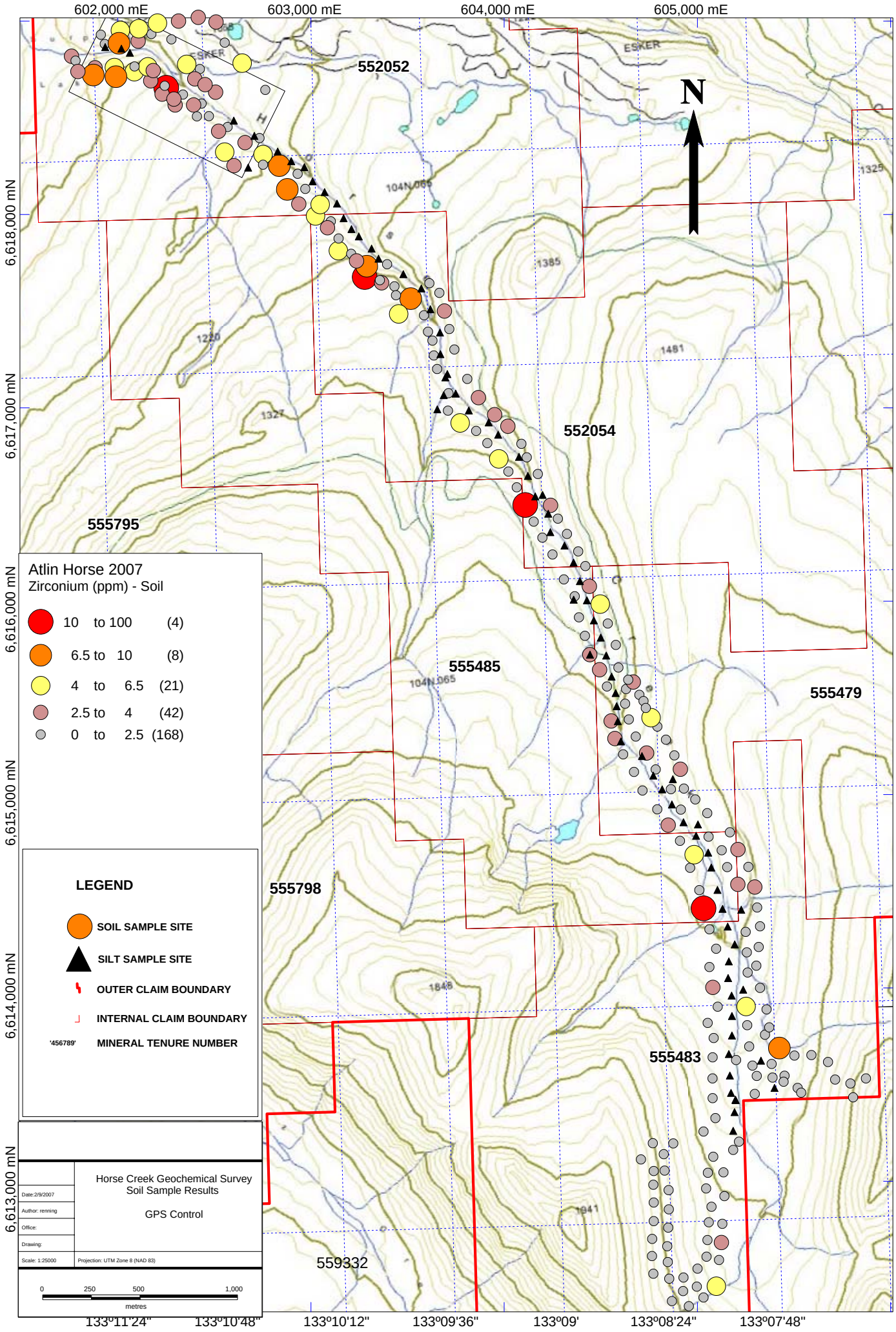
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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59°38'24"
133°11'24"
133°10'48"
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133°09'36"
133°09'
133°08'24"
133°07'48"
N
552052
552054
555795
555485
555479
555798
555483
559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Zirconium (ppm) - Soil
10 to 100 (4)
6.5 to 10 (8)
4 to 6.5 (21)
2.5 to 4 (42)
0 to 2.5 (168)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres

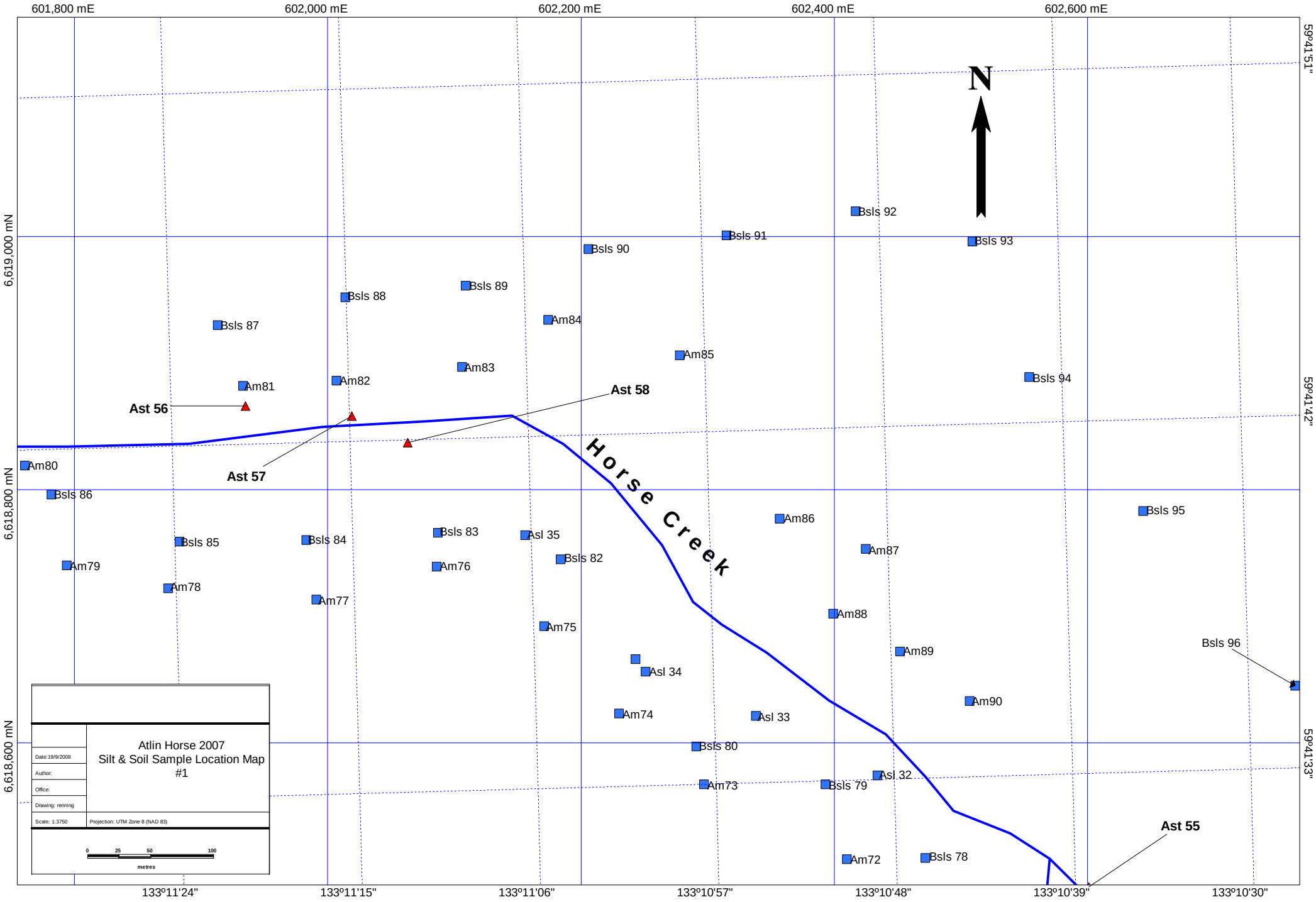
APPENDIX 3

ATLIN HORSE SILT GEOCHEMICAL DATA

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Amst1	605197	6613422	26.5	15.7	0.34	23.4	5.28	2.25	77.7	20.5	23.2	4.46	2.49	15.75
Amst10	604199	6616550	22.4	13.9	0.68	26.1	4.65	1.68	123	34.1	26	4.06	1.97	11.05
Amst11	602675	6618243	6.88	4.56	0.71	6.58	1.47	0.67	26.7	6.74	6.18	1.17	0.69	4.15
Amst2	605284	6613303	16.8	9.72	0.29	16.3	3.38	1.26	70.5	19.7	17.2	2.96	1.46	8.83
Amst3	605399	6613483	28.5	16.8	0.44	25.2	5.73	2.18	87.4	23.1	27	4.88	2.53	15.9
Amst4	605198	6613420	34.7	19.5	0.59	32	6.57	2.54	143	38.5	34.9	5.89	3.09	18.6
Amst5	605329	6613624	23.7	12.7	0.36	21.4	4.51	1.75	84.8	22.9	22.4	4.14	1.96	12.05
Amst6	605237	6613991	17.8	11	0.27	16.7	3.72	1.27	64.6	17.2	16.5	3.1	1.55	8.83
Amst7	605227	6614404	8.57	4.63	0.22	10.3	1.64	0.57	54.2	16.2	11.4	1.65	0.72	4.07
Amst8	605003	6614846	9.22	4.99	0.24	11.1	1.76	0.58	59.2	17.4	12.2	1.78	0.74	4.28
Amst9	604873	6615080	14.9	8.43	0.36	15.4	2.9	1.08	74.7	21.7	15.9	2.61	1.24	7.45
Ast 1	605185	6613261	22.6	13.3	0.4	20.6	4.51	1.88	86.7	23.4	22.2	3.91	2.13	13.3
Ast 10	605163	6614137	9.35	5.36	0.15	10.9	1.86	0.64	57	16.8	11.5	1.78	0.77	4.53
Ast 11	605193	6614225	25.1	14.1	0.41	25	4.87	1.93	109	27.2	26.7	4.2	2.09	13.9
Ast 12	605157	6614317	14.7	8.31	0.29	14.4	2.84	1.12	62	16.55	15.1	2.44	1.21	8.08
Ast 13	605130	6614409	29.4	16.4	0.48	27.3	5.61	2.31	112	28.1	28.6	4.78	2.45	16.45
Ast 14	605104	6614507	13	6.94	0.24	14.7	2.41	0.9	73	19.3	15.7	2.24	1	6.6
Ast 15	605072	6614623	12.8	7.04	0.24	13.9	2.42	0.95	64.6	17.6	14.8	2.2	1.04	6.99
Ast 16	604604	6615275	12.5	6.83	0.19	13.2	2.33	0.87	56.3	15.15	13.2	2.08	0.98	6.43
Ast 17	604588	6615379	20.2	11.3	0.37	21.2	3.87	1.55	93.5	24.3	21.9	3.42	1.65	11.05
ast 18	604582	6615457	16	8.92	0.25	16.9	3.06	1.12	77.7	20.4	17.4	2.73	1.27	8.26
Ast 19	604577	6615525	19	10.1	0.35	22.5	3.53	1.28	118	31.5	24.4	3.37	1.42	9.32
Ast 2	605192	6613358	28.8	17.2	0.58	27.8	5.9	2.27	119	32.3	29.4	5.17	2.59	15.5
Ast 20	604556	6615610	15.6	8.42	0.29	18.3	2.92	1.06	94.4	24.9	19.3	2.76	1.19	7.8
Ast 21	604528	6615719	16.4	9.06	0.3	18.4	3.2	1.3	88.3	25.7	19.7	2.92	1.31	8.72
Ast 22	604500	6615812	20.9	11.2	0.42	22.8	4.07	1.62	107	30.5	24.6	3.79	1.54	10.6
Ast 23	604464	6615901	15.7	8.21	0.32	17.9	2.93	1.1	92.6	26.7	20	2.76	1.14	7.68
Ast 24	604428	6616005	16.5	8.84	0.31	18.3	3.16	1.18	89.1	24.5	20	3	1.25	8.47
Ast 25	604392	6616104	19.9	11.4	0.35	20.4	3.85	1.66	104	29.2	23	3.44	1.67	11.2
Ast 26	604359	6616200	17.8	10	0.33	19.7	3.53	1.36	94.3	27.3	21	3.17	1.44	9.5
Ast 27	604312	6616288	20.5	11.5	0.39	22.4	3.97	1.64	108	31.2	24.3	3.61	1.68	10.85
Ast 28	604239	6616357	14	7.4	0.26	16.4	2.61	1.05	88.1	26.3	17.6	2.58	1.03	7.1
Ast 29	604228	6616453	15	8.44	0.28	17	2.74	1.16	84.8	24.9	18.5	2.72	1.27	8.33
Ast 3	605174	6613457	23.2	12.7	0.43	22	4.4	1.67	98	27.1	24.5	4.05	1.97	11.5
Ast 30	604161	6616542	16.1	8.73	0.35	19	3.15	1.17	93.2	27	20.2	3.04	1.21	8.27
Ast 31	604123	6616648	21.8	11.9	0.44	24.9	4.22	1.72	125	36.3	26.6	3.9	1.73	11.8
Ast 32	604077	6616747	15.5	8.4	0.34	19.8	3.08	1.17	108	31.2	23.2	3.04	1.18	7.78
Ast 33	603969	6616861	19	10.8	0.4	21	3.72	1.44	98.7	27.3	22.7	3.4	1.48	9.69
Ast 34	603920	6616925	16.8	8.86	0.35	18.5	3.18	1.25	87.7	24.6	19.7	2.98	1.32	8.64
Ast 35	603817	6616987	11	6.05	0.23	14.8	2.08	0.81	86.2	26.3	16.1	2.12	0.83	5.54
Ast 36	603749	6617074	13.1	7.23	0.3	16.2	2.5	0.97	89.6	27.1	18.6	2.48	1.01	6.54
Ast 37	603706	6617175	9.06	4.76	0.18	11.8	1.76	0.6	64.1	19.3	12	1.75	0.66	4.2

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Ast 38	603670	6617278	8.96	4.67	0.23	12	1.68	0.62	78.1	23	14.1	1.77	0.65	4.31
Ast 39	603668	6617390	11.4	6.22	0.24	16.3	2.21	0.75	96.6	30	16.9	2.29	0.83	5.16
Ast 4	605168	6613547	23.9	14.1	0.45	23.1	4.78	1.71	97.7	27.1	24.8	4.25	2.09	12.65
Ast 40	603618	6617510	12.2	6.72	0.3	14.7	2.34	0.91	86.6	26.3	17	2.3	0.95	6.37
Ast 41	603571	6617618	14.1	7.95	0.36	18.8	2.71	1.08	106	32.2	20.2	2.78	1.12	7.6
Ast 42	603478	6617692	14.6	8.23	0.43	17.4	2.86	1.07	87.5	25.1	18.4	2.77	1.16	7.55
Ast 43	603350	6617772	10.3	5.38	0.32	12.6	1.96	0.67	66.7	19.45	13.5	1.95	0.76	4.79
Ast 44	603314	6617824	7.8	4.25	0.21	11.2	1.5	0.53	65.1	19.85	12.2	1.55	0.57	3.67
Ast 45	603248	6617887	11.6	6.46	0.29	14	2.2	0.89	77.5	23.4	15.4	2.11	0.93	6.14
Ast 46	603210	6617925	10.4	5.73	0.24	14	1.94	0.75	87.9	26.2	15.5	2.01	0.8	5.16
Ast 47	603169	6617981	8.41	4.68	0.2	11.8	1.64	0.58	68.5	20.6	12.4	1.62	0.66	4.19
Ast 48	603135	6618057	11.9	6.72	0.3	15.3	2.33	0.85	81.9	23.8	15.7	2.21	0.93	6.01
Ast 49	603071	6618116	14.6	8.07	0.37	16.5	2.83	1.06	84.8	24.1	18.1	2.62	1.18	7.48
Ast 5	605163	6613658	21.4	13.2	0.4	21.2	4.46	1.63	86.8	24.2	21.5	3.8	1.94	11.7
Ast 50	603009	6618172	8.69	4.92	0.22	11	1.71	0.62	59.9	17.25	11.5	1.6	0.71	4.54
Ast 51	602966	6618245	9.94	5.69	0.27	12.9	1.96	0.7	68.9	20.1	13.4	1.9	0.81	5.11
Ast 52	602898	6618276	3.56	1.99	0.3	4.5	0.69	0.24	25.2	7.05	4.82	0.67	0.28	1.78
Ast 53	602828	6618326	10.2	5.78	0.3	12.8	2.01	0.75	66.4	18.85	12.9	1.88	0.82	5.36
Ast 54	602707	6618407	13.7	7.8	0.4	16	2.75	1.05	84.7	24.3	17.4	2.51	1.15	7.4
Ast 55	602601	6618486	17.7	10.4	0.72	19.1	3.59	1.41	88.4	22.7	19.9	3.11	1.45	9.52
Ast 56	601935	6618866	6.76	3.93	0.23	9.06	1.36	0.49	51.1	14.9	9.54	1.28	0.54	3.49
Ast 57	602019	6618858	10.3	5.9	0.3	13.4	2.04	0.76	74.5	21.9	14.1	1.95	0.84	5.33
Ast 58	602063	6618837	8.65	4.82	0.24	12.1	1.68	0.6	73.6	21.6	13	1.68	0.67	4.3
Ast 6	605179	6613754	5.91	3.58	0.11	6.63	1.23	0.46	31.5	8.77	6.94	1.11	0.53	3.26
Ast 7	605179	6613855	20.2	11.9	0.36	20.4	4.04	1.58	86.7	23.8	21.2	3.59	1.77	10.95
Ast 8	605177	6613960	12.3	6.96	0.2	13.4	2.41	0.87	70.5	19.8	14.3	2.23	0.98	6.15
Ast 9	605159	6614051	19.4	11.3	0.33	19	3.97	1.56	78.1	22.1	19	3.44	1.74	11.1
Bsts 1	605352	6613183	41.2	23	0.68	39.8	8.07	3.11	154	39.1	42.7	7.23	3.45	22.6
Bsts 2	604444	6615724	19.1	10.6	0.54	21.9	3.71	1.28	109	30.4	24.2	3.56	1.43	9.05
Bsts 3	604360	6616008	6.89	3.72	0.35	8.89	1.35	0.45	46.9	13.05	9.43	1.31	0.5	3.13
Bsts 4	603654	6616993	9.53	5.26	0.3	13.4	1.84	0.65	78.5	22.8	14	1.84	0.73	4.74
Bsts 5	603687	6617066	11.7	6.47	0.35	16.4	2.27	0.82	101	29.1	18.2	2.32	0.89	5.71
Bsts 6	603696	6617158	8.73	4.73	0.27	12.9	1.69	0.56	77.5	22.9	13.6	1.73	0.65	4.11
STT 34	605056	6614700	12	6.66	0.23	12.3	2.37	0.88	50.8	13.25	12.6	2.11	0.99	6.38
STT 35	604993	6614787	18.2	10.2	0.34	17.7	3.55	1.39	76.3	20.9	19	3.15	1.5	9.87
STT 36	604928	6614857	16.5	9.3	0.26	15.8	3.31	1.24	64	17.1	16.5	2.86	1.36	8.9
STT 37	604868	6614949	8.84	4.99	0.15	8.89	1.75	0.65	39	10.5	9.21	1.52	0.74	4.79
STT 38	604818	6615027	6.81	3.96	0.12	7.01	1.36	0.51	32.7	8.95	7.31	1.18	0.58	3.71
STT 39	604772	6615098	12.4	6.85	0.22	13.2	2.38	0.88	62.6	17.1	13.5	2.16	1	6.42
STT 40	604713	6615199	17.1	9.7	0.31	18.1	3.35	1.24	83.4	23.4	19.3	2.95	1.4	9.12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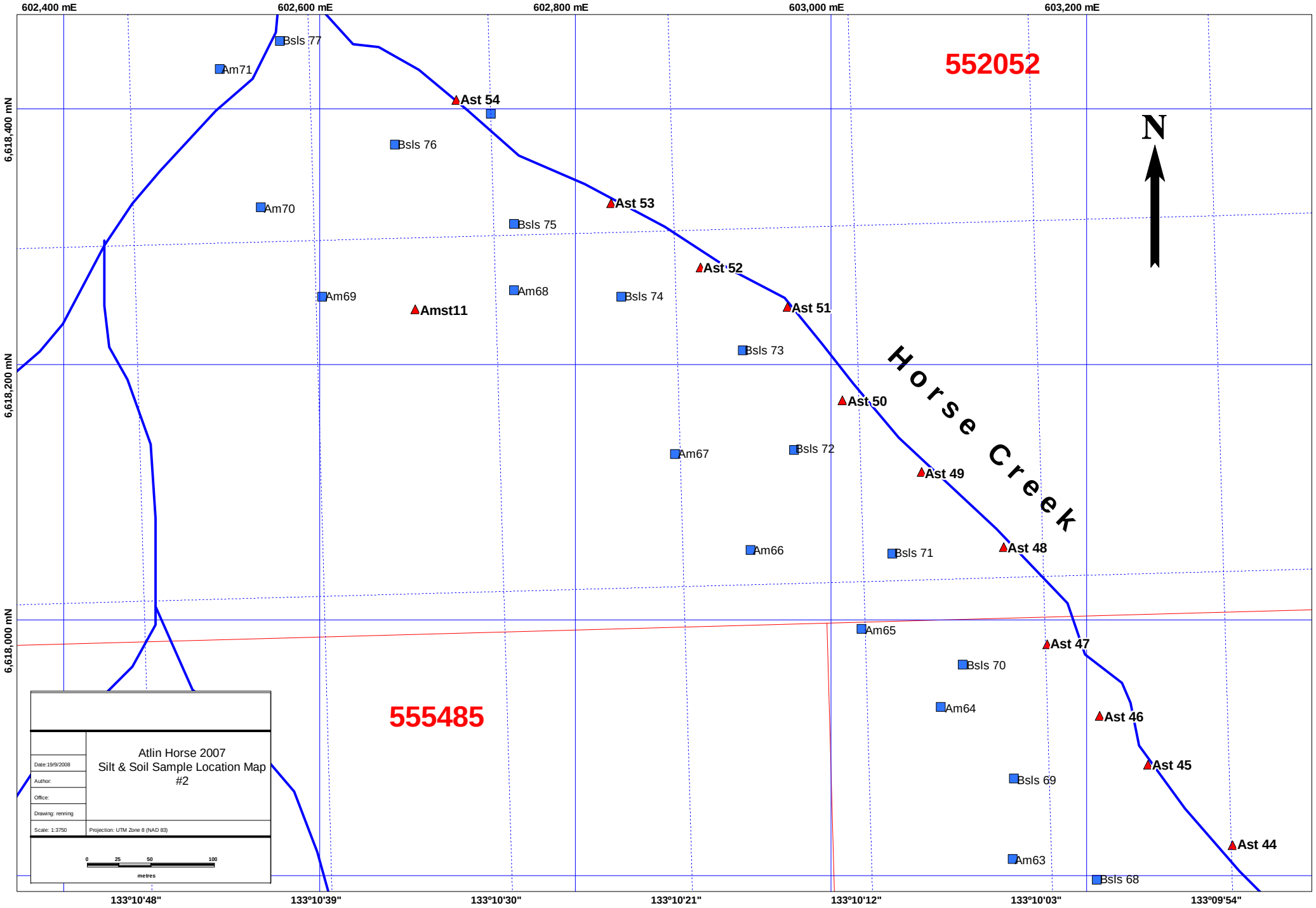
602,000 mE
602,200 mE
602,400 mE
602,600 mE
6,619,000 mN
6,618,800 mN
6,618,600 mN
59°41'51"
59°41'42"
59°41'33"
133°11'24"
133°11'15"
133°11'06"
133°10'57"
133°10'48"
133°10'39"
133°10'30"
N
Horse Creek
Ast 55
Ast 56
Ast 57
Ast 58
Bsls 92
Bsls 91
Bsls 93
Bsls 90
Bsls 89
Bsls 88
Bsls 87
Am84
Am85
Am83
Am82
Am81
Bsls 94
Am80
Bsls 86
Bsls 95
Am86
Bsls 83
Asl 35
Bsls 85
Bsls 84
Am87
Bsls 82
Am79
Am76
Am78
Am77
Am88
Am75
Bsls 96
Am89
Asl 34
Am90
Am74
Asl 33
Bsls 80
Asl 32
Am73
Bsls 79
Am72
Bsls 78
Atlin Horse 2007
Silt & Soil Sample Location Map
#1
Date: 19/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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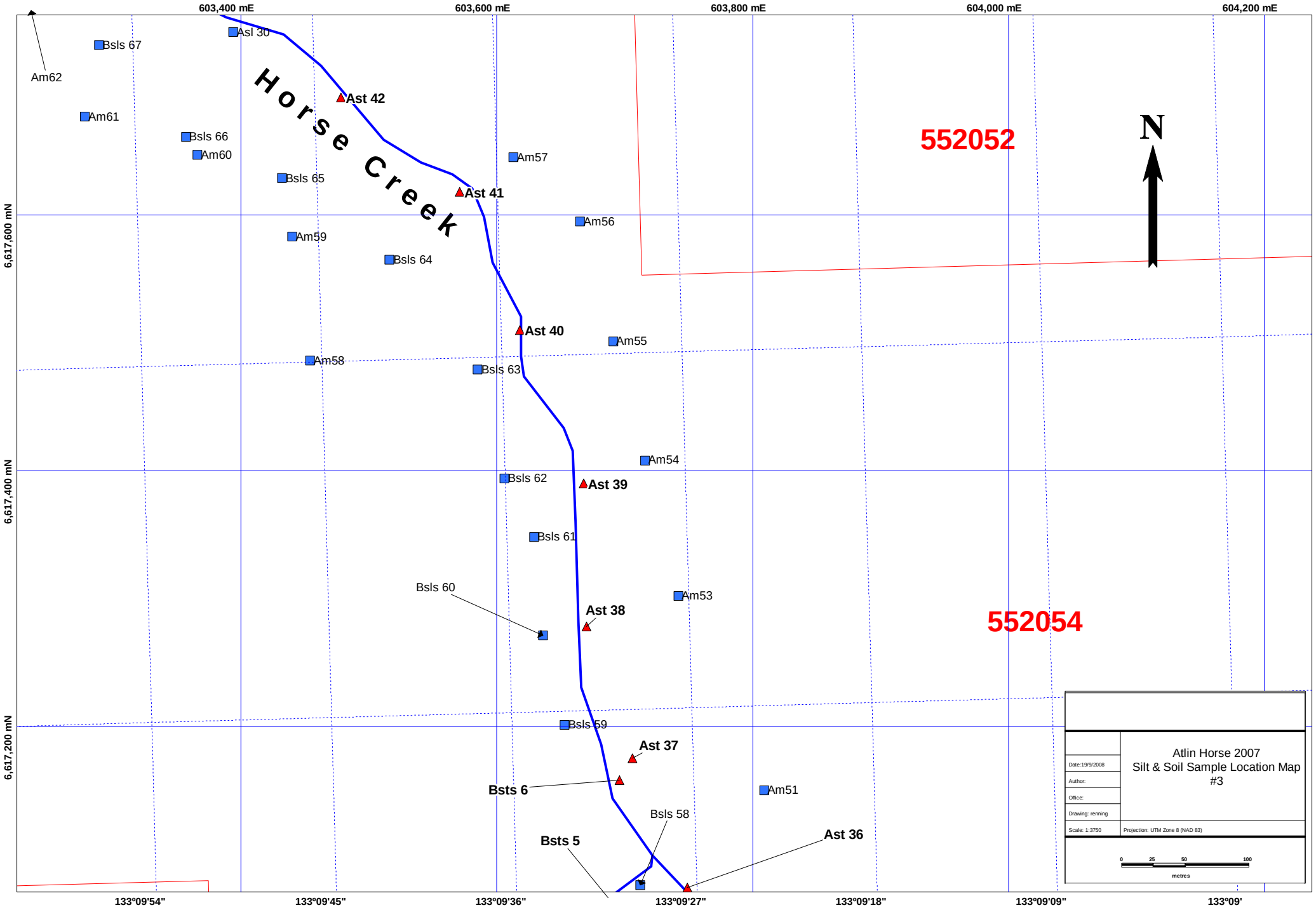
602,600 mE
602,800 mE
603,000 mE
603,200 mE
6,618,400 mN
6,618,200 mN
6,618,000 mN
59°41'24"
59°41'15"
133°10'48"
133°10'39"
133°10'30"
133°10'21"
133°10'12"
133°10'03"
133°09'54"
552052
555485
N
Horse Creek
Bsls 77
Am71
Ast 54
Bsls 76
Am70
Ast 53
Bsls 75
Ast 52
Am69
Am68
Bsls 74
Amst11
Ast 51
Bsls 73
Ast 50
Am67
Bsls 72
Ast 49
Am66
Bsls 71
Ast 48
Am65
Ast 47
Bsls 70
Am64
Ast 46
Ast 45
Bsls 69
Ast 44
Am63
Bsls 68
Atlin Horse 2007
Silt & Soil Sample Location Map
#2
Date:19/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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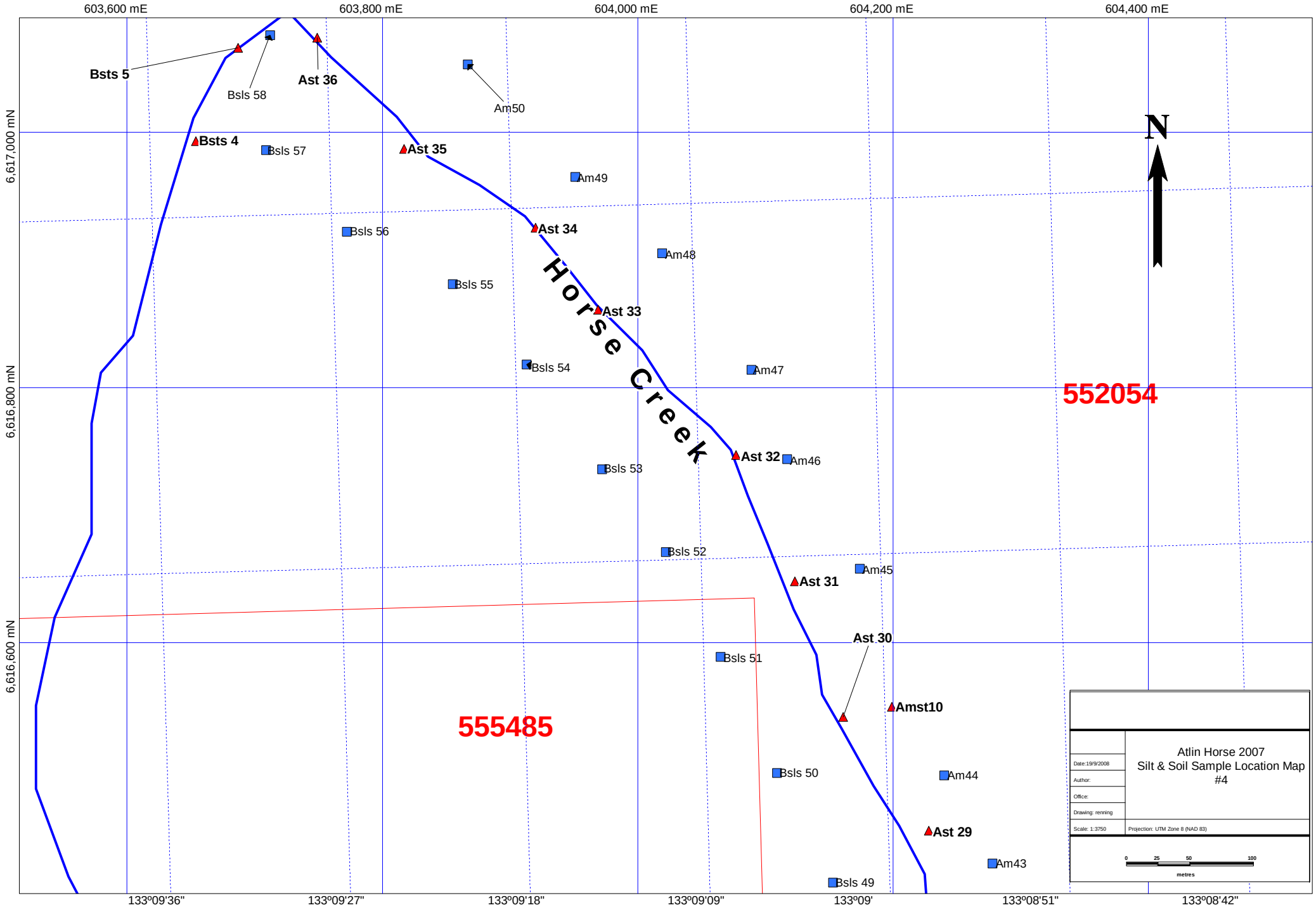
603,600 mE
603,800 mE
604,000 mE
604,200 mE
6,617,600 mN
6,617,400 mN
6,617,200 mN
59°40'57"
59°40'48"
133°09'54"
133°09'45"
133°09'36"
133°09'27"
133°09'18"
133°09'09"
133°09'
N
552052
552054
Horse Creek
Asl 30
Bsls 67
Am62
Ast 42
Am61
Bsls 66
Am60
Bsls 65
Am57
Ast 41
Am56
Am59
Bsls 64
Ast 40
Am55
Am58
Bsls 63
Am54
Bsls 62
Ast 39
Bsls 61
Bsls 60
Am53
Ast 38
Bsls 59
Ast 37
Bsts 6
Am51
Bsls 58
Bsts 5
Ast 36
Atlin Horse 2007
Silt & Soil Sample Location Map
#3
Date:19/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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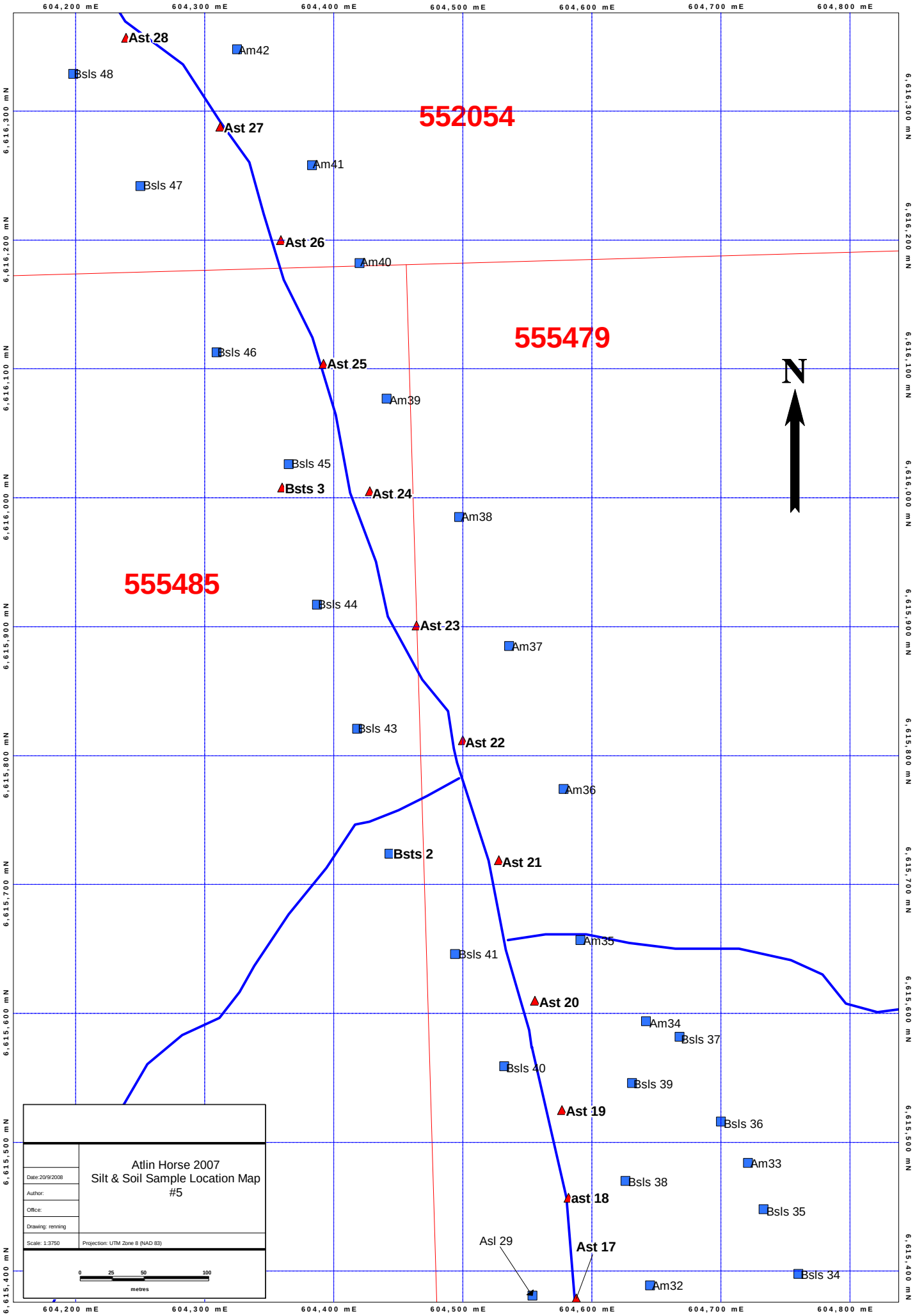
604,200 mE
604,400 mE
6,617,000 mN
6,616,800 mN
6,616,600 mN
59°40'39"
59°40'30"
133°09'36"
133°09'27"
133°09'18"
133°09'09"
133°09'
133°08'51"
133°08'42"
N
Horse Creek
552054
555485
Bsts 5
Bsls 58
Ast 36
Am50
Bsts 4
Bsls 57
Ast 35
Am49
Bsls 56
Ast 34
Am48
Bsls 55
Ast 33
Bsls 54
Am47
Ast 32
Am46
Bsls 53
Bsls 52
Am45
Ast 31
Ast 30
Bsls 51
Amst10
Bsls 50
Am44
Ast 29
Am43
Bsls 49
Atlin Horse 2007
Silt & Soil Sample Location Map
#4
Date:19/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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604,300 mE
604,400 mE
604,500 mE
604,600 mE
604,700 mE
604,800 mE
6,616,300 mN
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6,616,100 mN
6,616,000 mN
6,615,900 mN
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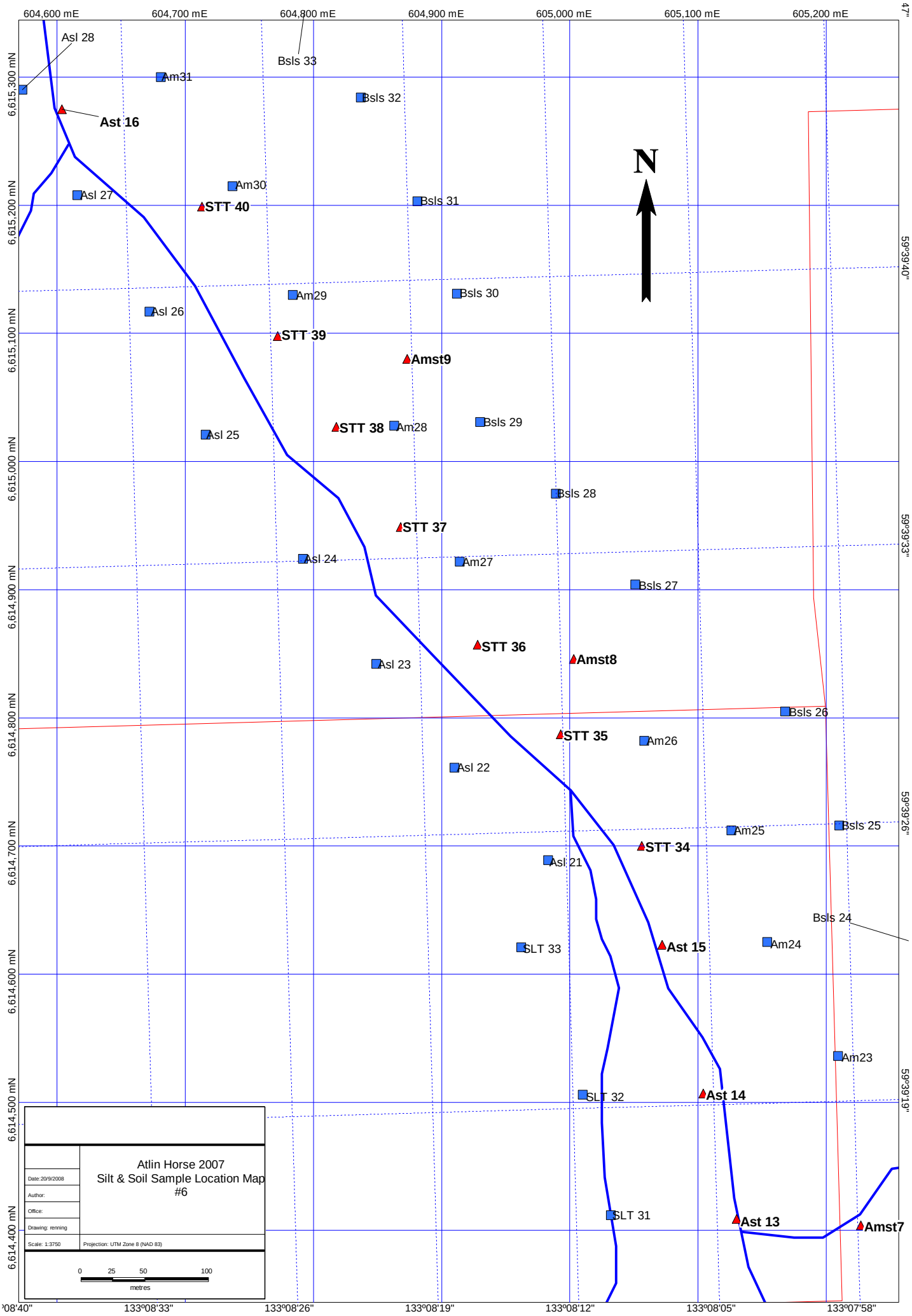
6,615,700 mN
6,615,600 mN
6,615,500 mN
6,615,400 mN
552054
555479
555485
N
Ast 28
Am42
Bsls 48
Ast 27
Am41
Bsls 47
Ast 26
Am40
Bsls 46
Ast 25
Am39
Bsls 45
Bsts 3
Ast 24
Am38
Bsls 44
Ast 23
Am37
Bsls 43
Ast 22
Am36
Bsts 2
Ast 21
Am35
Bsls 41
Ast 20
Am34
Bsls 37
Bsls 40
Bsls 39
Ast 19
Bsls 36
Am33
Bsls 38
ast 18
Bsls 35
Asl 29
Ast 17
Bsls 34
Am32
Atlin Horse 2007
Silt & Soil Sample Location Map
#5
Date: 20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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604,800 mE
604,900 mE
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605,100 mE
605,200 mE
6,615,300 mN
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6,614,900 mN
6,614,800 mN
6,614,700 mN
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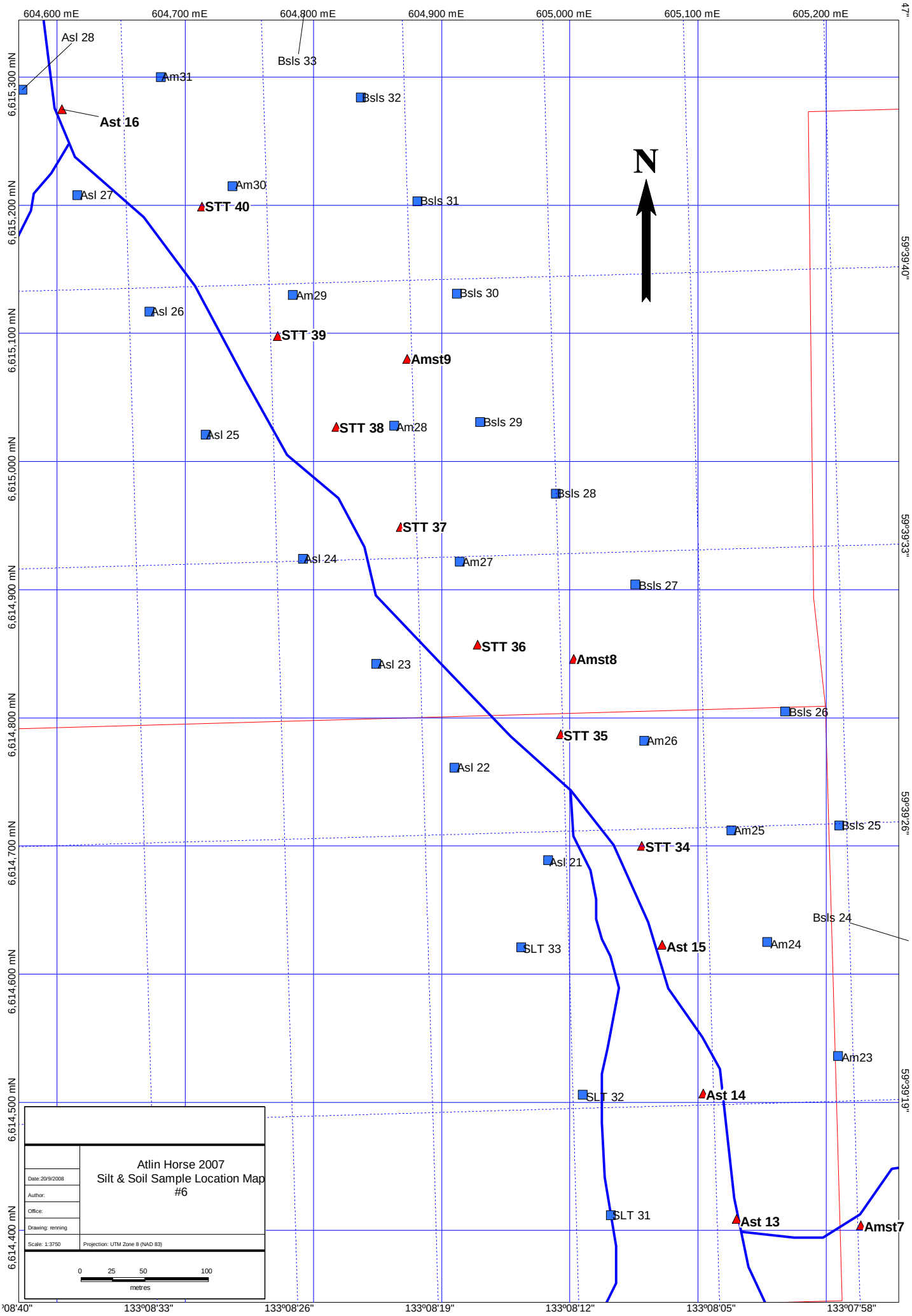
6,614,500 mN
6,614,400 mN
59°39'47"
59°39'40"
59°39'33"
59°39'26"
59°39'19"
133°08'40"
133°08'33"
133°08'26"
133°08'19"
133°08'12"
133°08'05"
133°07'58"
N
Asl 28
Bsls 33
Am31
Bsls 32
Ast 16
Am30
Asl 27
STT 40
Bsls 31
Am29
Bsls 30
Asl 26
STT 39
Amst9
STT 38
Am28
Bsls 29
Asl 25
Bsls 28
STT 37
Asl 24
Am27
Bsls 27
STT 36
Amst8
Asl 23
Bsls 26
STT 35
Am26
Asl 22
Am25
Bsls 25
STT 34
Asl 21
Bsls 24
Ast 15
Am24
SLT 33
Am23
SLT 32
Ast 14
SLT 31
Ast 13
Amst7
Atlin Horse 2007
Silt & Soil Sample Location Map
#6
Date: 20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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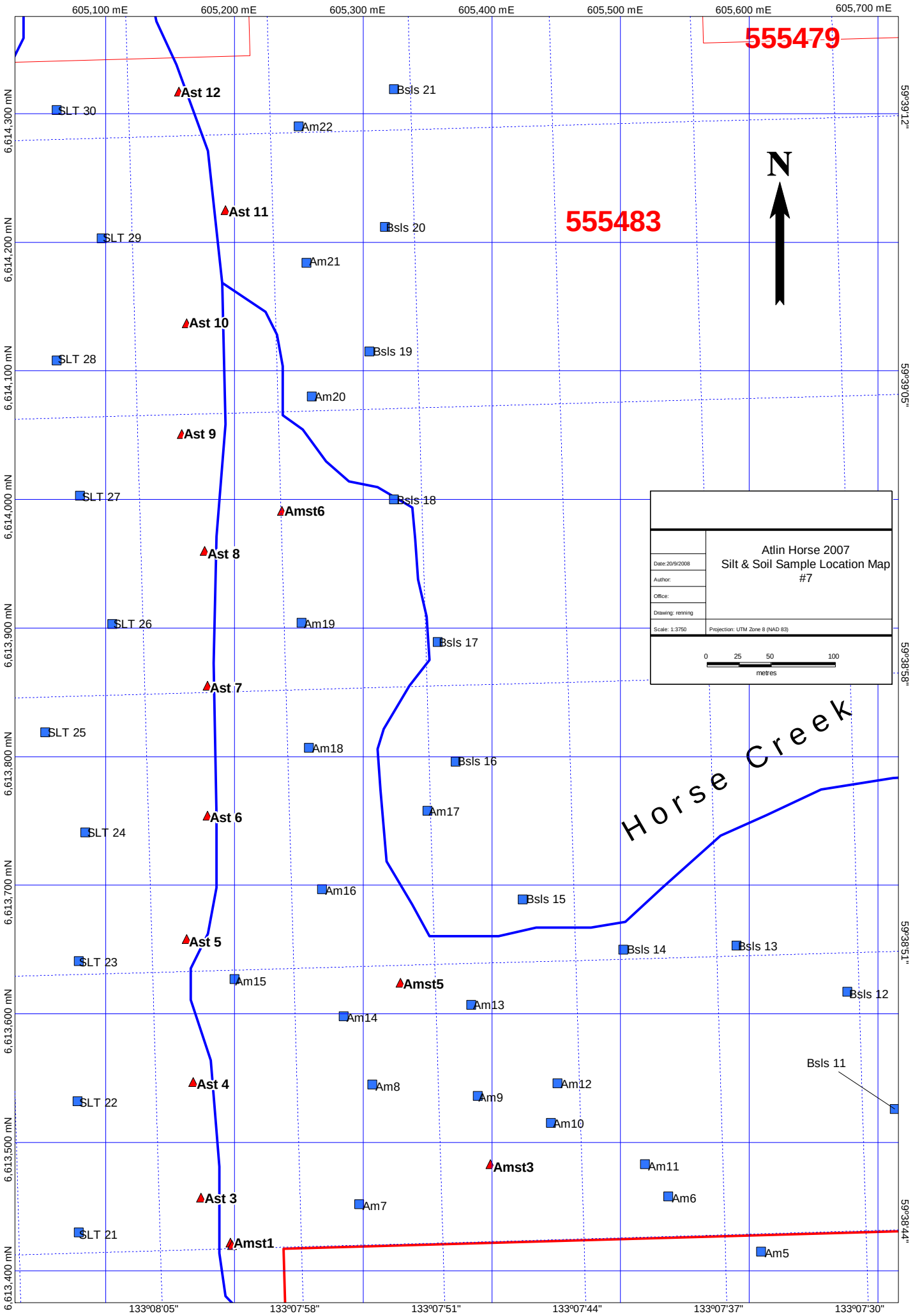
6,614,900 mN
6,614,800 mN
6,614,700 mN
6,614,600 mN
6,614,500 mN
6,614,400 mN
59°39'47"
59°39'40"
59°39'33"
59°39'26"
59°39'19"
133°08'40"
133°08'33"
133°08'26"
133°08'19"
133°08'12"
133°08'05"
133°07'58"
N
Asl 28
Bsls 33
Am31
Bsls 32
Ast 16
Am30
Asl 27
STT 40
Bsls 31
Am29
Bsls 30
Asl 26
STT 39
Amst9
STT 38
Am28
Bsls 29
Asl 25
Bsls 28
STT 37
Asl 24
Am27
Bsls 27
STT 36
Amst8
Asl 23
Bsls 26
STT 35
Am26
Asl 22
Am25
Bsls 25
STT 34
Asl 21
Bsls 24
Ast 15
Am24
SLT 33
Am23
SLT 32
Ast 14
SLT 31
Ast 13
Amst7
Atlin Horse 2007
Silt & Soil Sample Location Map
#6
Date: 20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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133°07'37"
133°07'30"
59°39'12"
59°39'05"
59°38'58"
59°38'51"
59°38'44"
555479
555483
N
Horse Creek
Ast 12
Ast 11
Ast 10
Ast 9
Ast 8
Ast 7
Ast 6
Ast 5
Ast 4
Ast 3
Amst6
Amst5
Amst3
Amst1
SLT 30
SLT 29
SLT 28
SLT 27
SLT 26
SLT 25
SLT 24
SLT 23
SLT 22
SLT 21
Bsls 21
Bsls 20
Bsls 19
Bsls 18
Bsls 17
Bsls 16
Bsls 15
Bsls 14
Bsls 13
Bsls 12
Bsls 11
Am22
Am21
Am20
Am19
Am18
Am17
Am16
Am15
Am14
Am13
Am12
Am11
Am10
Am9
Am8
Am7
Am6
Am5
Atlin Horse 2007
Silt & Soil Sample Location Map
#7
Date:20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
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25
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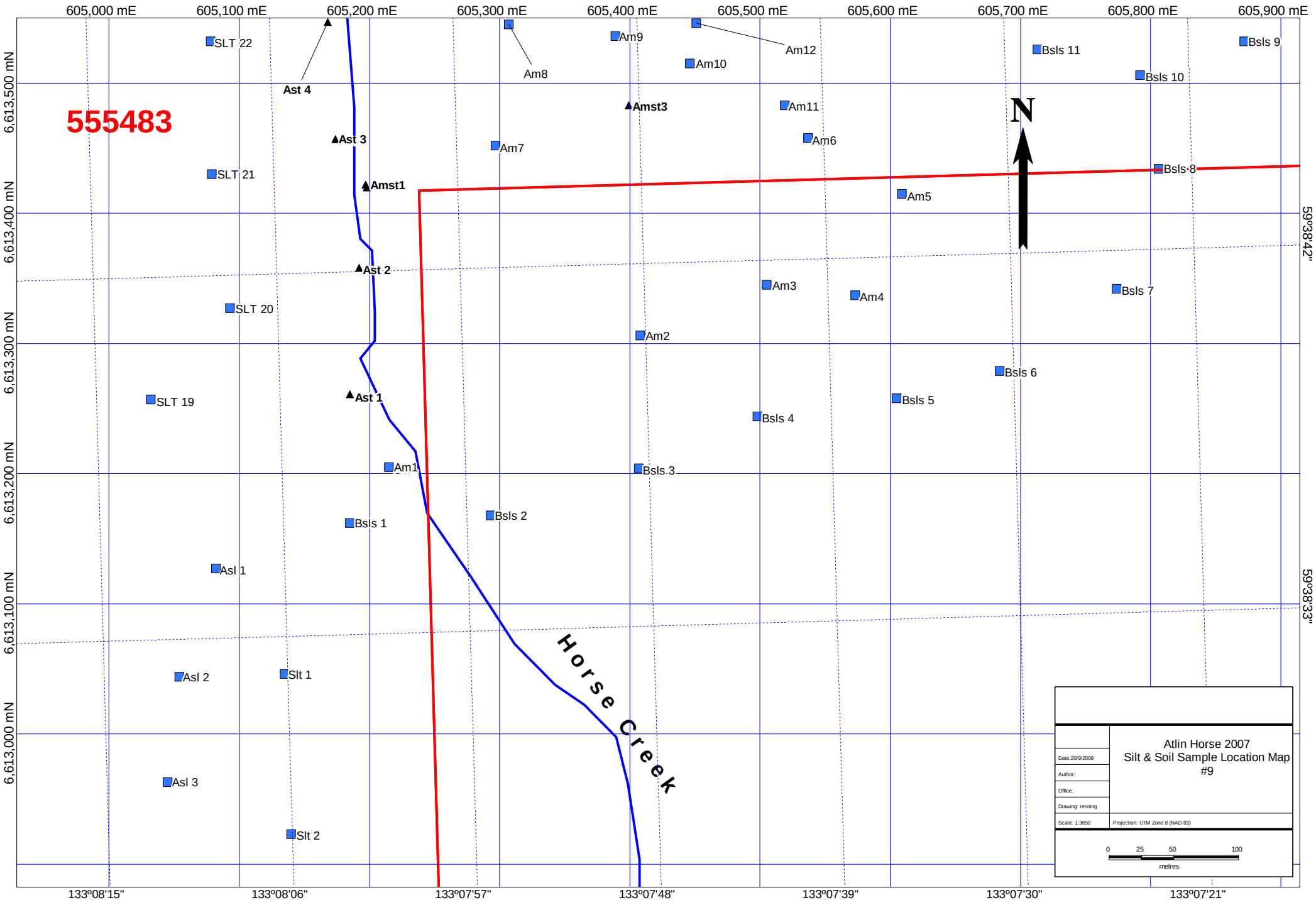
100
metres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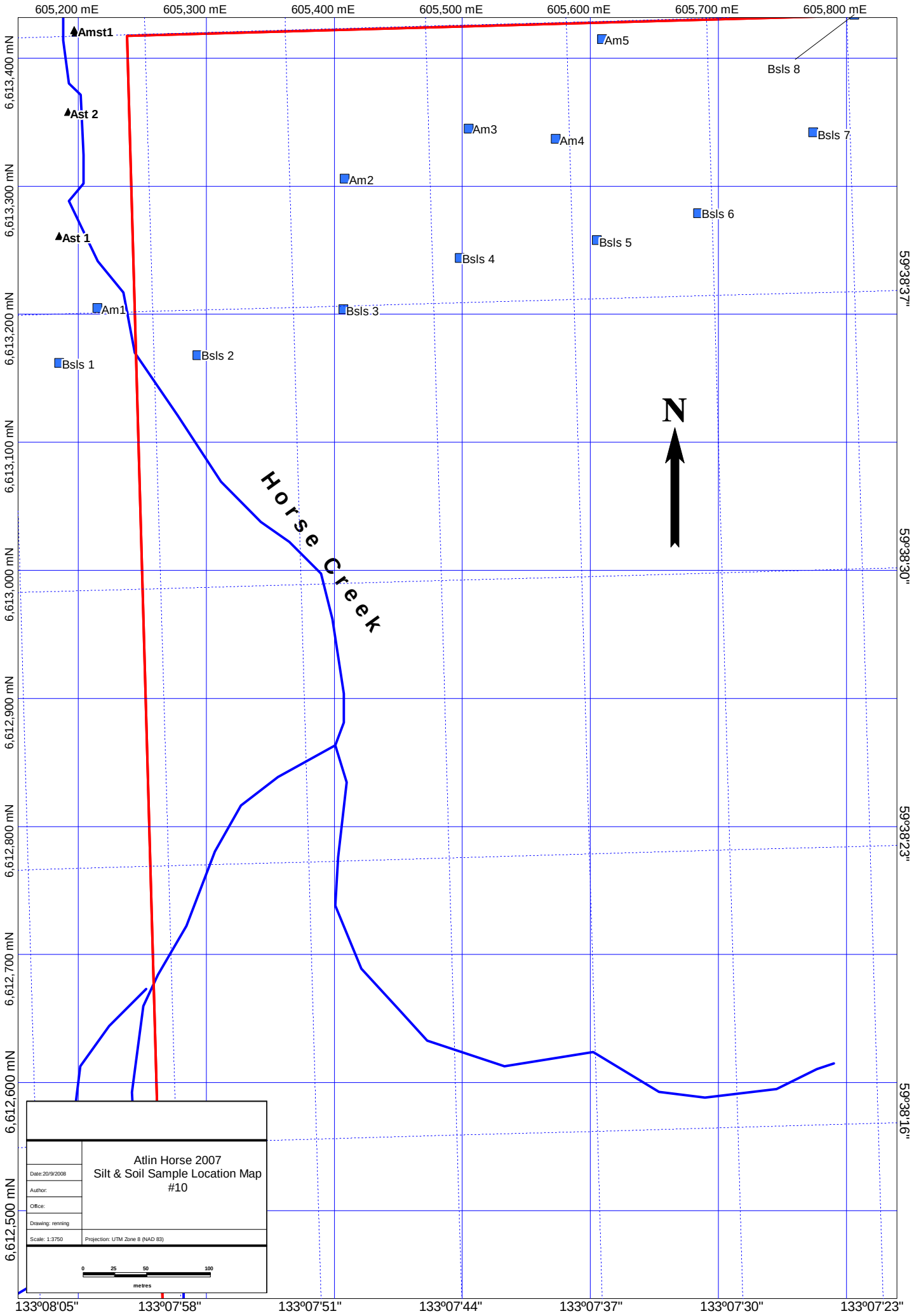
133º07'39"
133º07'30"
133º07'21"
59º3'8'42"
59º3'8'33"
555483
N
Horse Creek
SLT 22
SLT 21
SLT 20
SLT 19
Ast 4
Ast 3
Amst1
Ast 2
Ast 1
Am1
Bsls 1
Asl 1
Asl 2
Asl 3
Slt 1
Slt 2
Am8
Am9
Am10
Am12
Amst3
Am11
Am7
Am6
Am5
Am3
Am4
Am2
Bsls 2
Bsls 3
Bsls 4
Bsls 5
Bsls 6
Bsls 7
Bsls 8
Bsls 9
Bsls 10
Bsls 11
Atlin Horse 2007
Silt & Soil Sample Location Map
#9
Date:20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3650
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres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59°38'16"
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133°07'23"
Amst1
Ast 2
Ast 1
Am1
Am2
Am3
Am4
Am5
Bsls 1
Bsls 2
Bsls 3
Bsls 4
Bsls 5
Bsls 6
Bsls 7
Bsls 8
Horse Creek
N
Atlin Horse 2007
Silt & Soil Sample Location Map
#10
Date:20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
0
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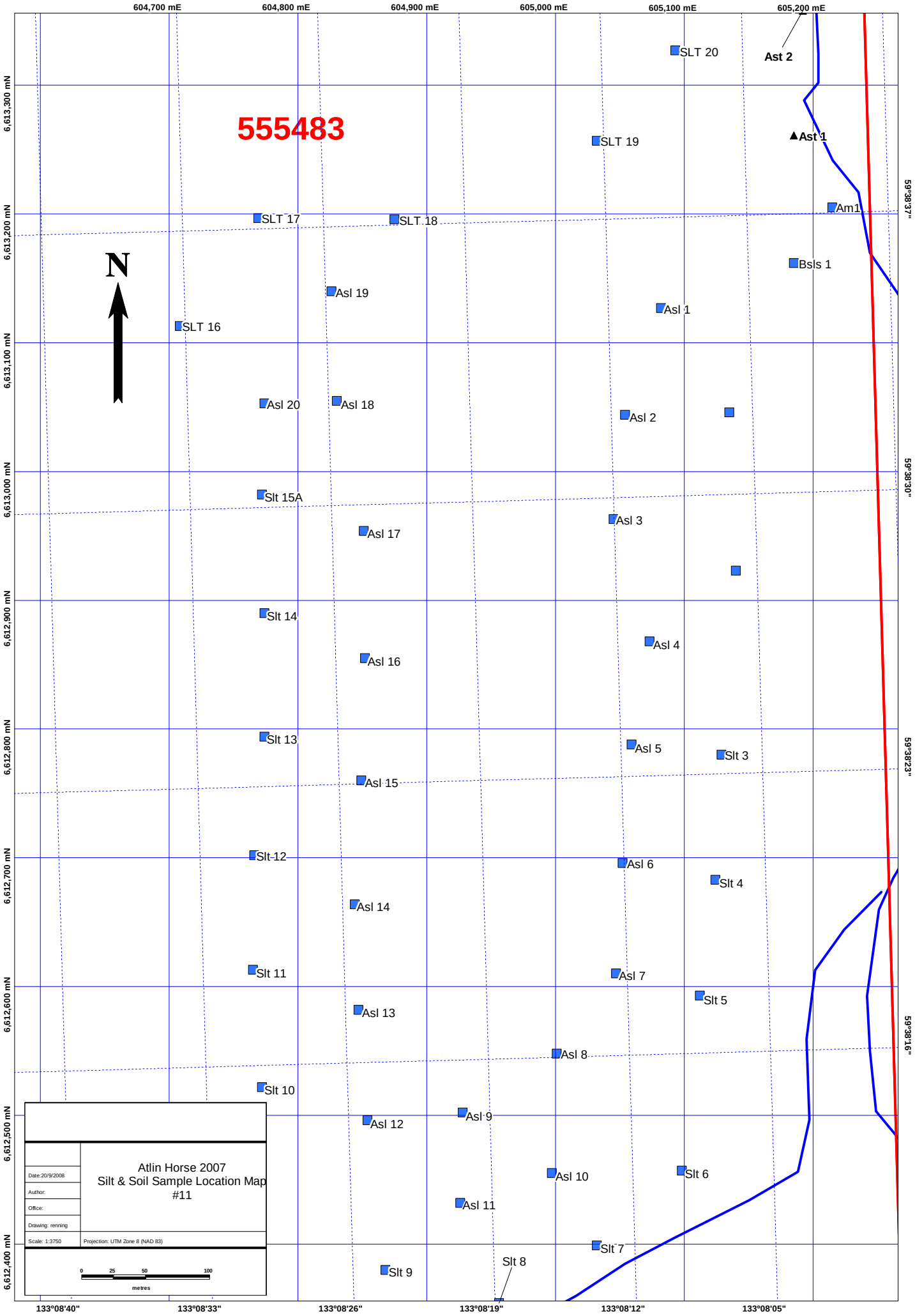
100
metres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59°38'23"
59°38'16"
133°08'40"
133°08'33"
133°08'26"
133°08'19"
133°08'12"
133°08'05"
555483
N
SLT 20
Ast 2
SLT 19
Ast 1
Am1
SLT 17
SLT 18
Bsls 1
Asl 19
Asl 1
SLT 16
Asl 20
Asl 18
Asl 2
Slt 15A
Asl 3
Asl 17
Slt 14
Asl 4
Asl 16
Slt 13
Asl 5
Slt 3
Asl 15
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Slt 4
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Slt 11
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Slt 5
Asl 13
Asl 8
Slt 10
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Asl 10
Slt 6
Asl 11
Slt 7
Slt 8
Slt 9
Atlin Horse 2007
Silt & Soil Sample Location Map
#11
Date:20/9/2008
Author:
Office:
Drawing: renning
Scale: 1:3750
Projection: UTM Zone 8 (NAD 83)
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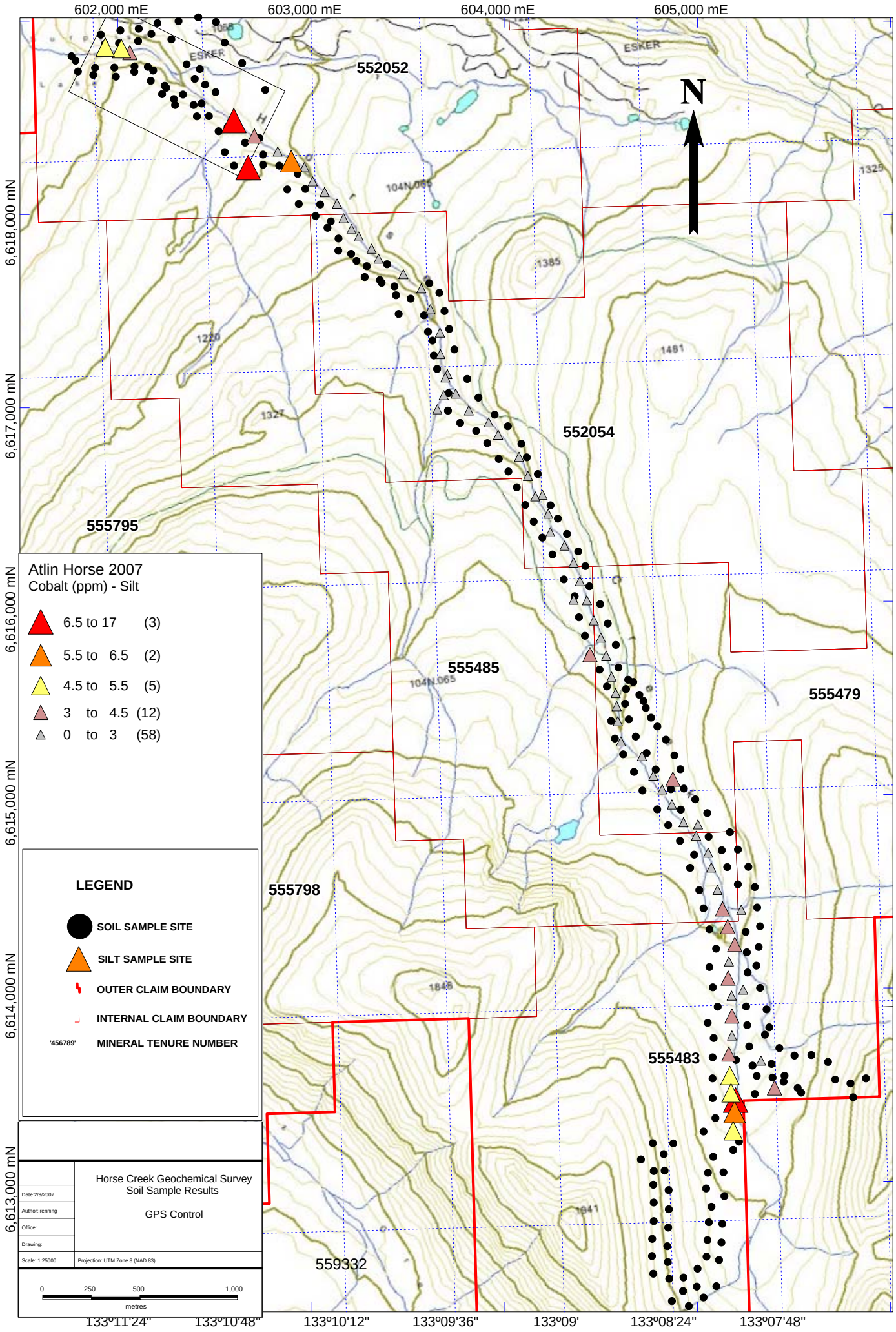
100
metres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133°10'48"
133°10'12"
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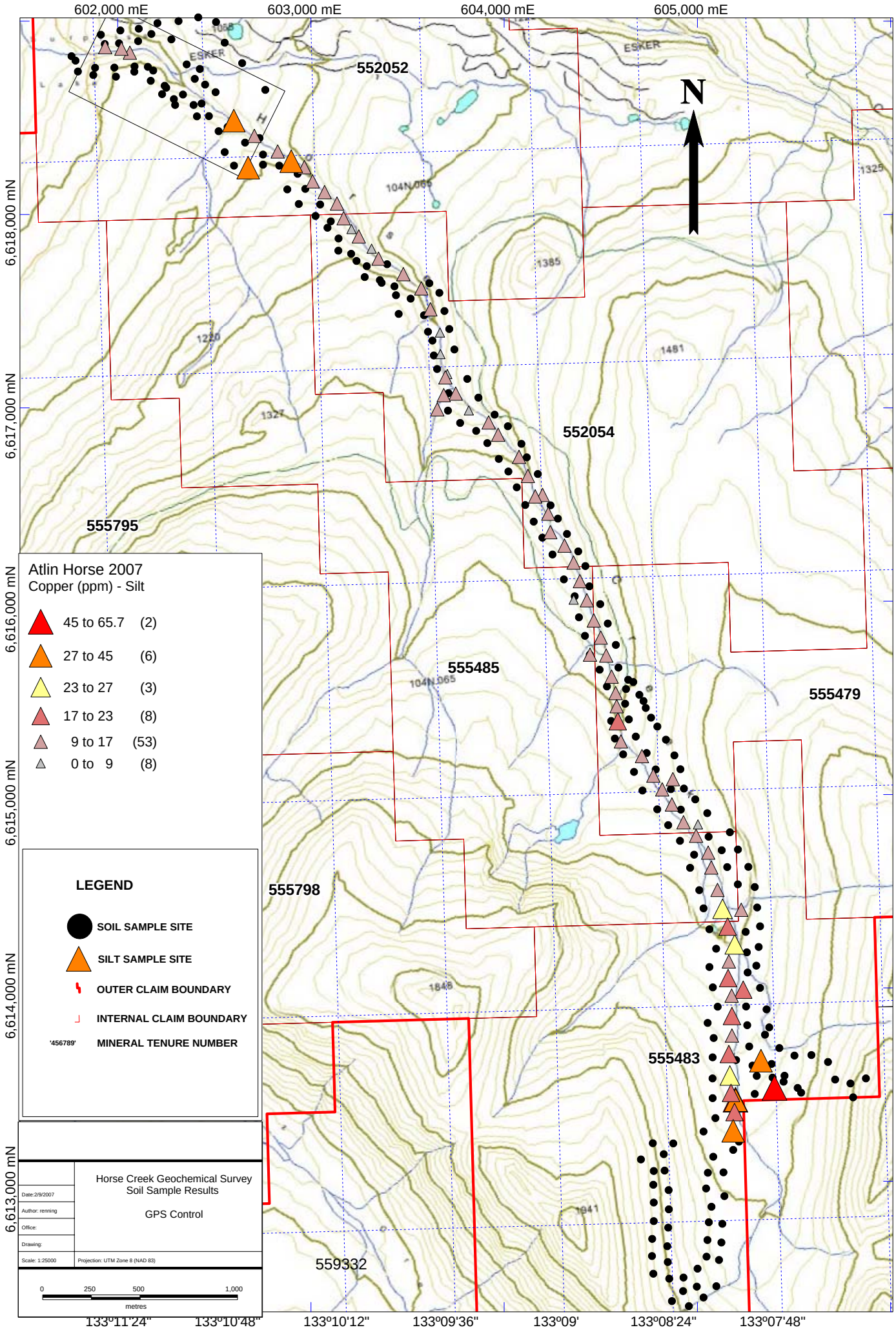
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Cobalt (ppm) - Silt
6.5 to 17 (3)
5.5 to 6.5 (2)
4.5 to 5.5 (5)
3 to 4.5 (12)
0 to 3 (58)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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6,613,000 mN
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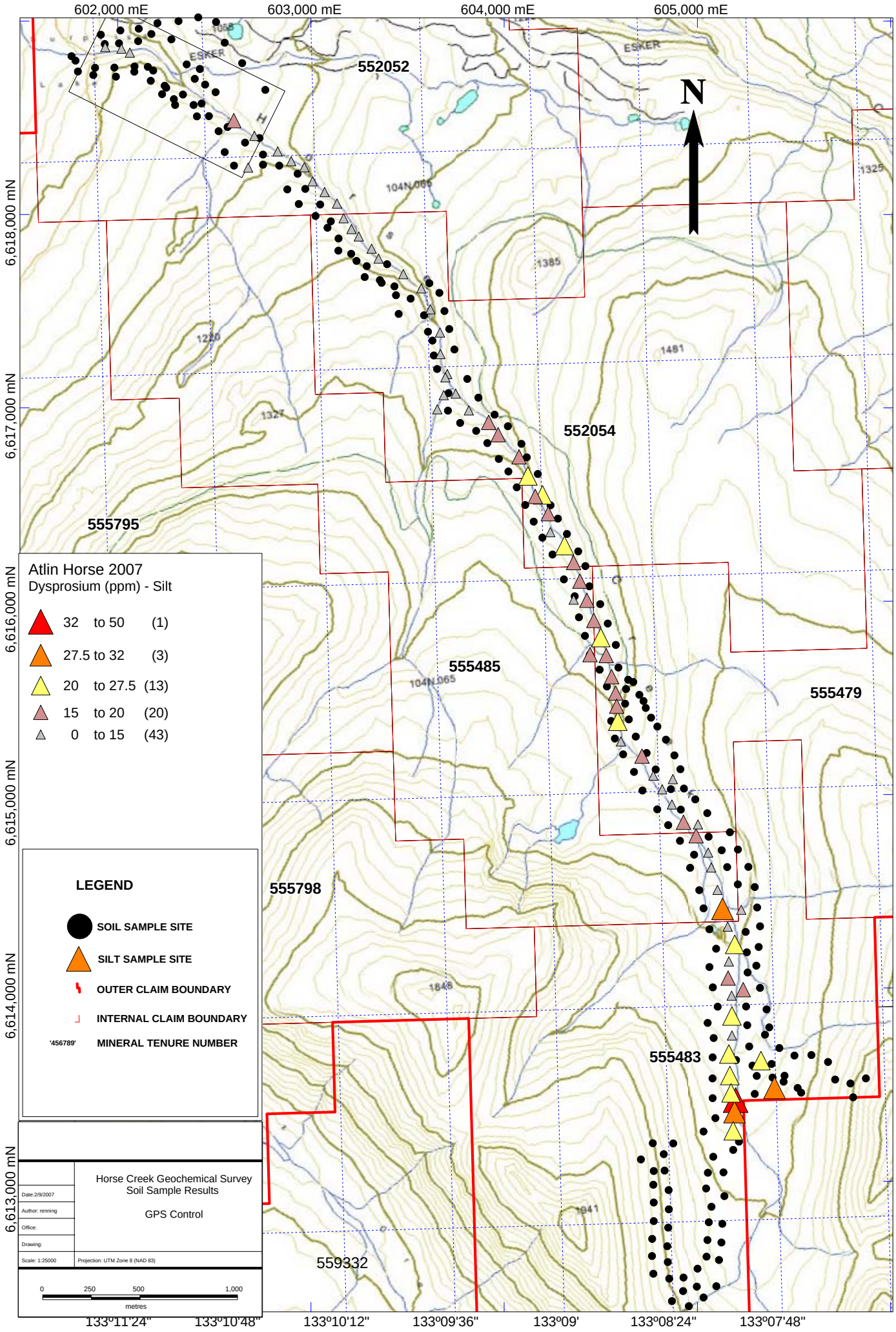
59°40'48"
59°40'12"
59°39'36"
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Copper (ppm) - Silt
45 to 65.7 (2)
27 to 45 (6)
23 to 27 (3)
17 to 23 (8)
9 to 17 (53)
0 to 9 (8)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
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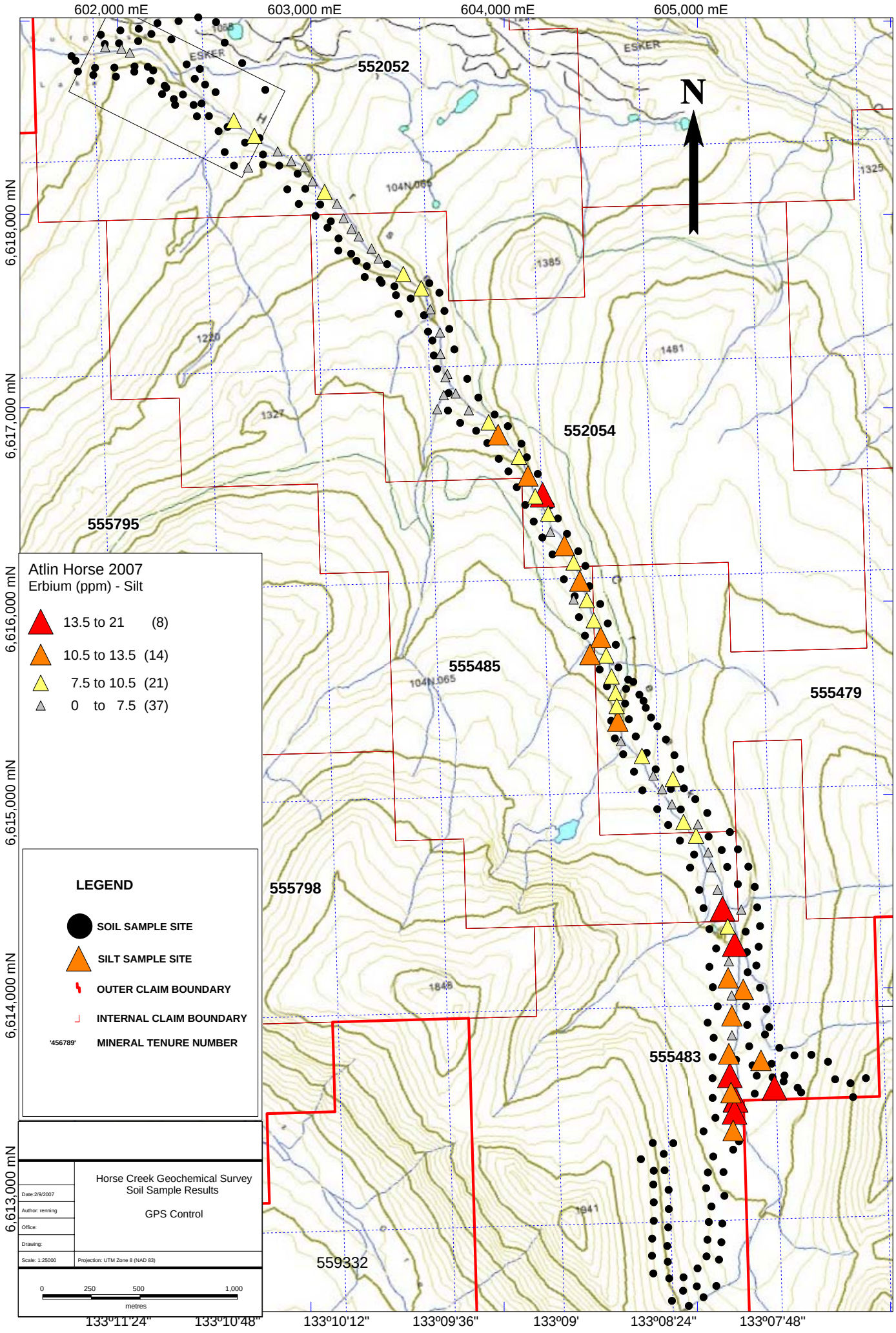
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Dysprosium (ppm) - Silt
32 to 50 (1)
27.5 to 32 (3)
20 to 27.5 (13)
15 to 20 (20)
0 to 15 (43)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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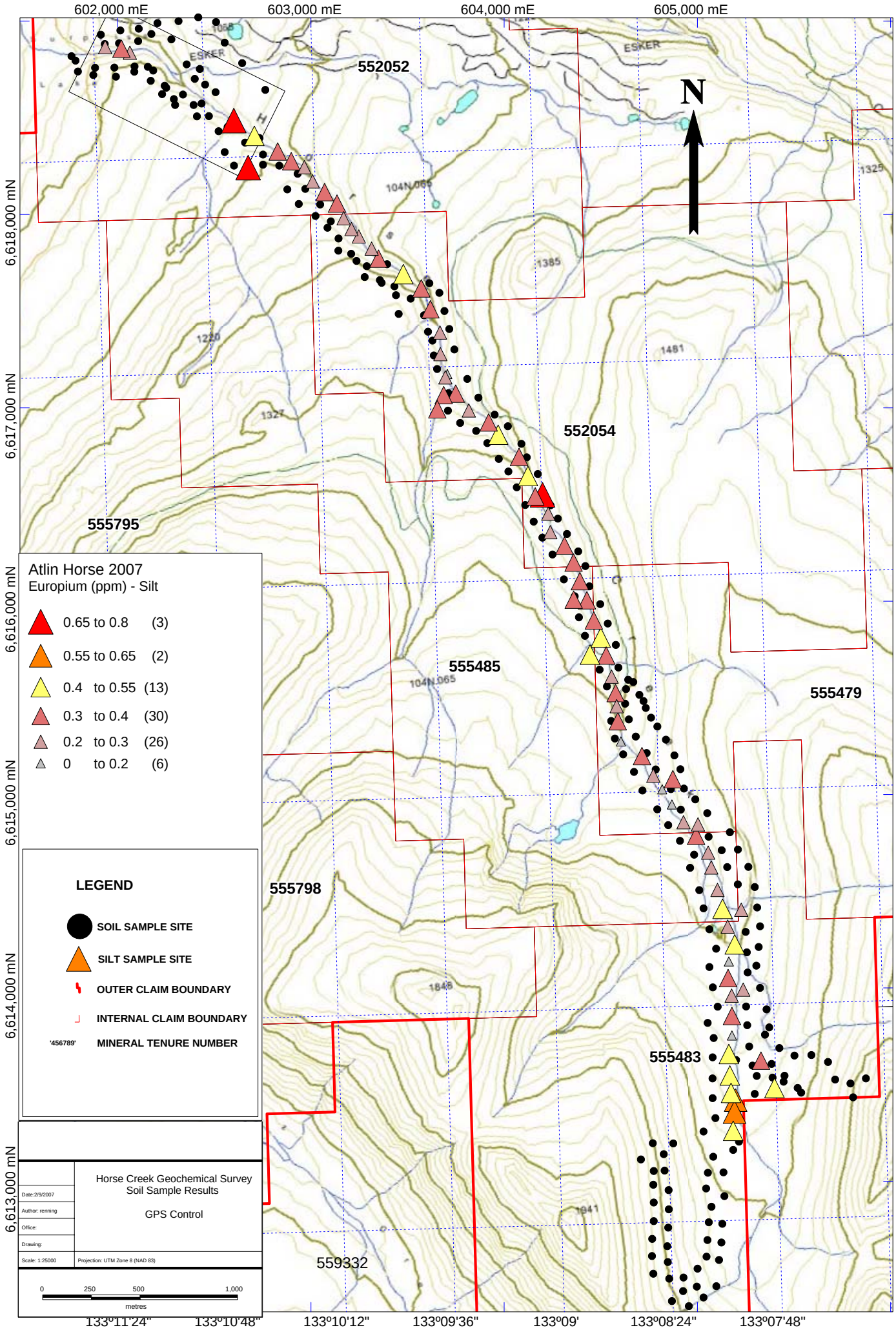
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Erbium (ppm) - Silt
13.5 to 21 (8)
10.5 to 13.5 (14)
7.5 to 10.5 (21)
0 to 7.5 (37)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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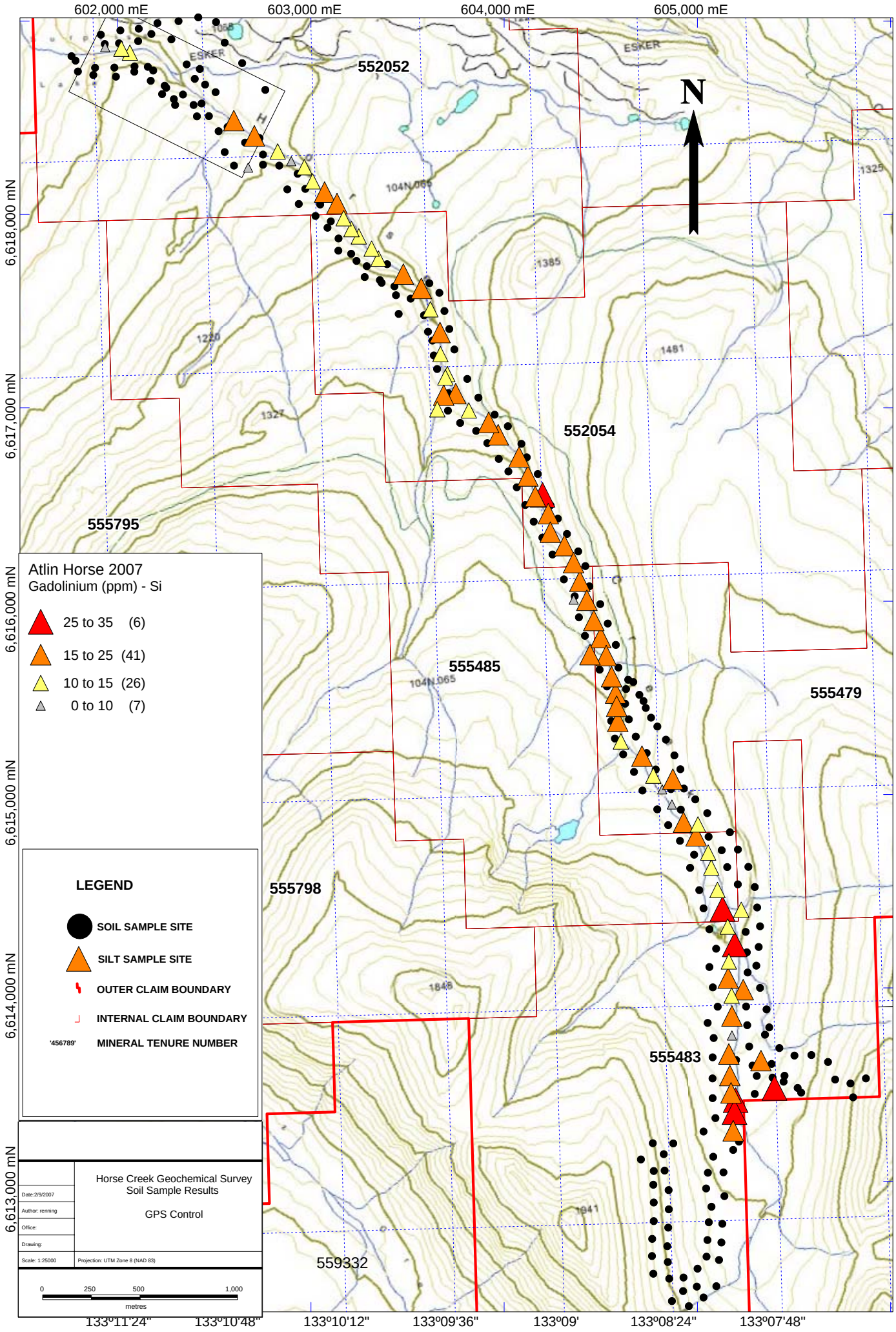
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Europium (ppm) - Silt
0.65 to 0.8 (3)
0.55 to 0.65 (2)
0.4 to 0.55 (13)
0.3 to 0.4 (30)
0.2 to 0.3 (26)
0 to 0.2 (6)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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ESKER
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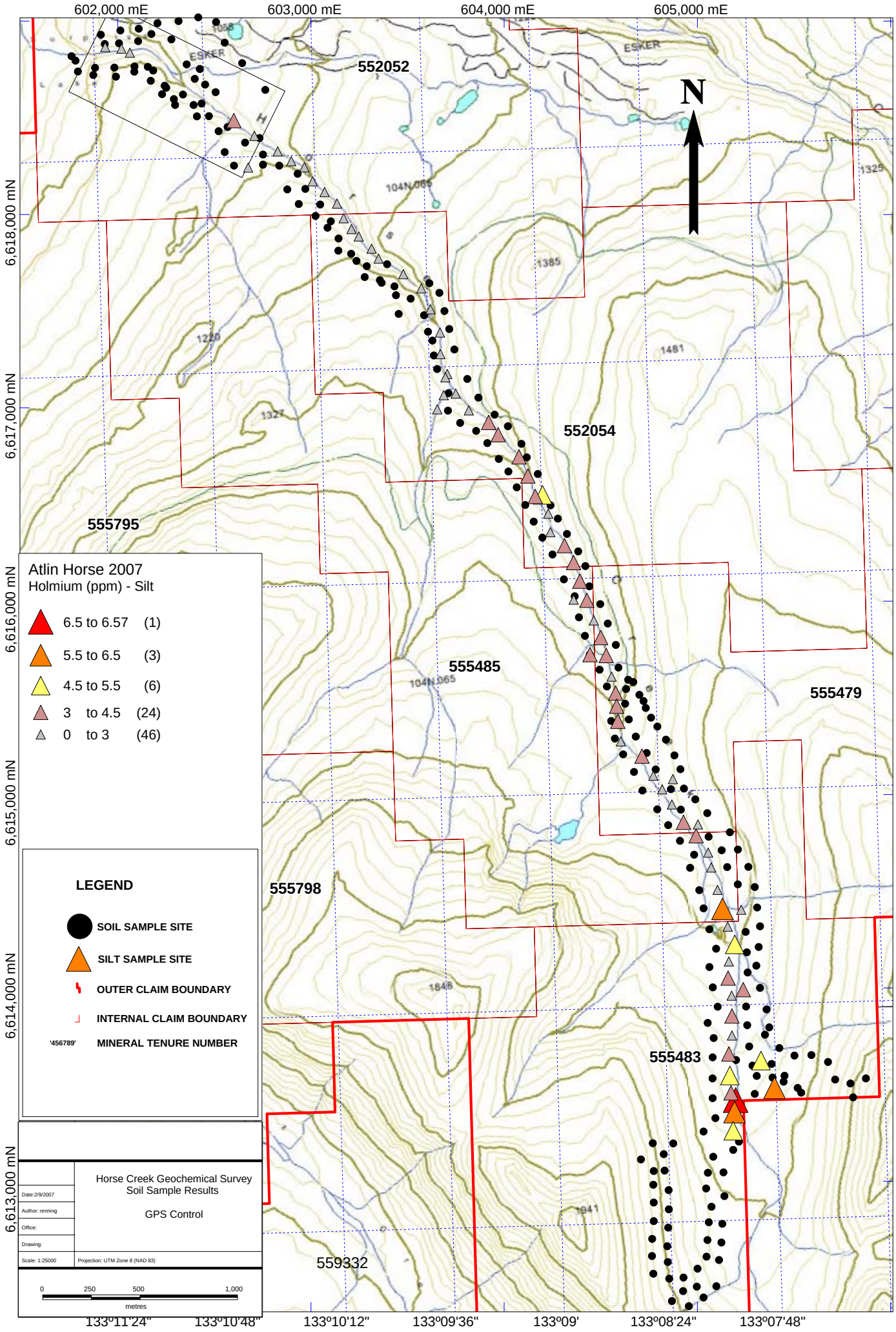
552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Gadolinium (ppm) - Si
25 to 35 (6)
15 to 25 (41)
10 to 15 (26)
0 to 10 (7)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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ESKER
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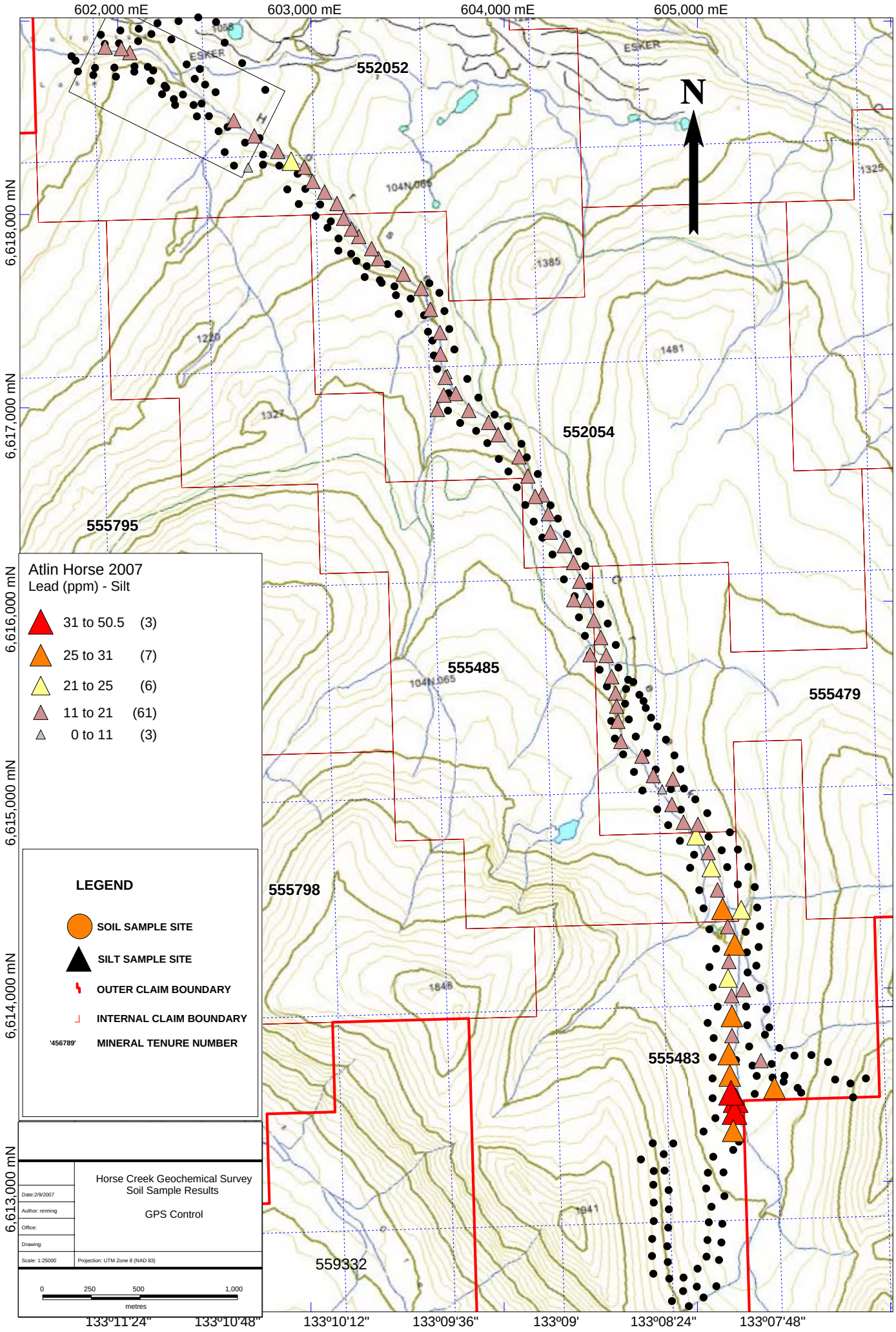
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Holmium (ppm) - Silt
6.5 to 6.57 (1)
5.5 to 6.5 (3)
4.5 to 5.5 (6)
3 to 4.5 (24)
0 to 3 (46)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°07'48"
N
ESKER
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552054
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555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Lead (ppm) - Silt
31 to 50.5 (3)
25 to 31 (7)
21 to 25 (6)
11 to 21 (61)
0 to 11 (3)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
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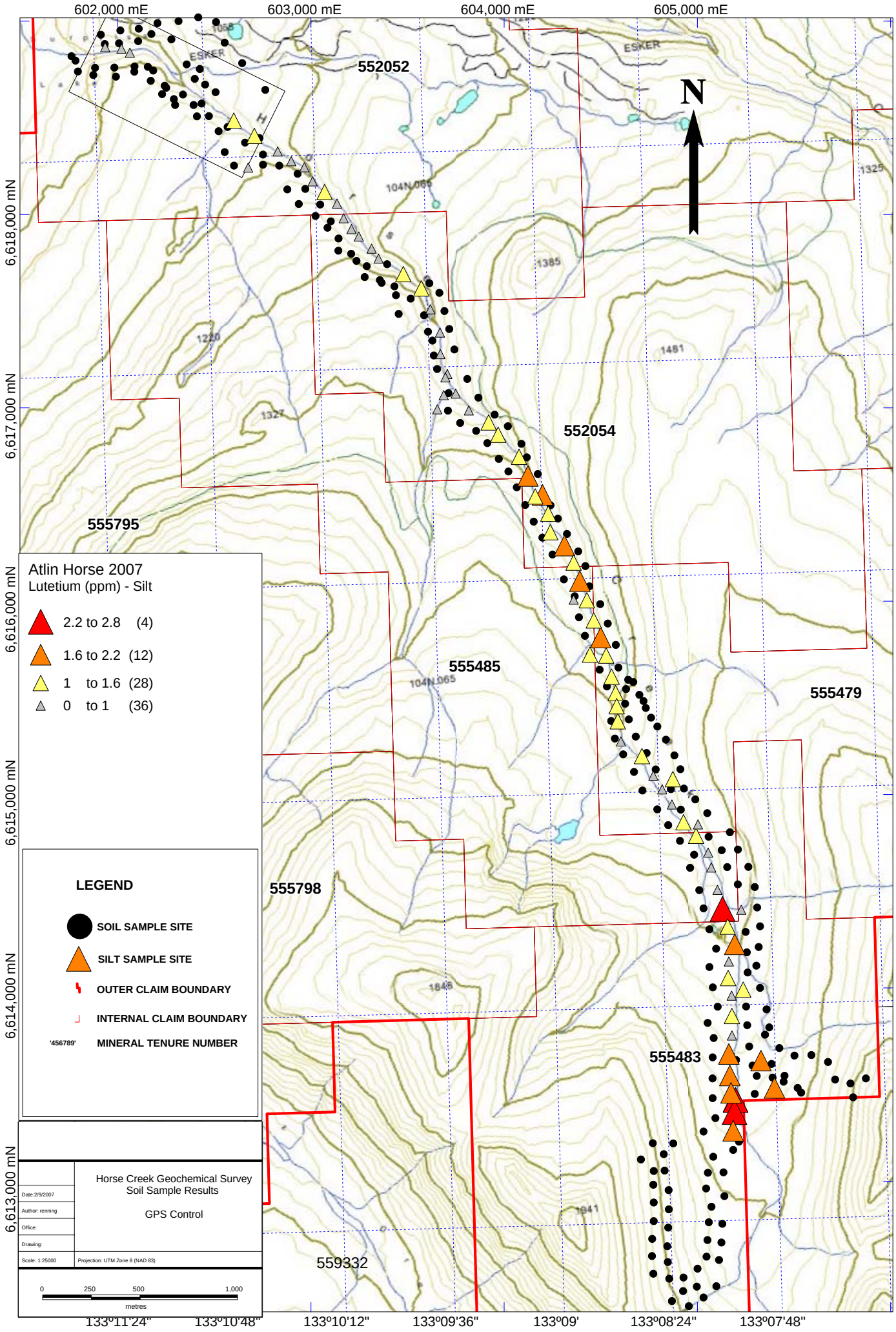
metres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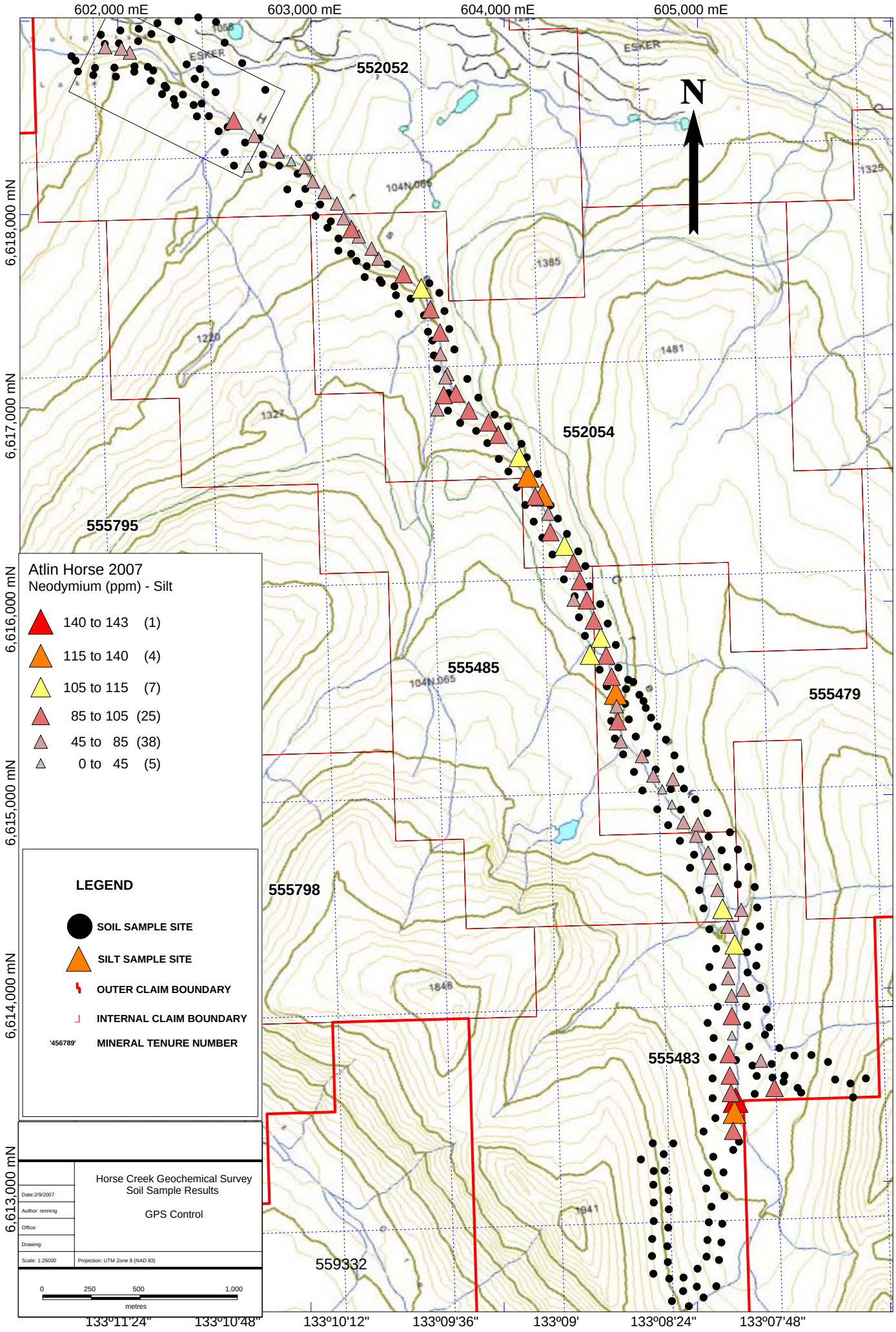
59°39'
59°38'24"
133°11'24"
133°10'48"
133°10'12"
133°09'36"
133°09'
133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Lutetium (ppm) - Silt
2.2 to 2.8 (4)
1.6 to 2.2 (12)
1 to 1.6 (28)
0 to 1 (36)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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ESKER
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555795
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555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Neodymium (ppm) - Silt
140 to 143 (1)
115 to 140 (4)
105 to 115 (7)
85 to 105 (25)
45 to 85 (38)
0 to 45 (5)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
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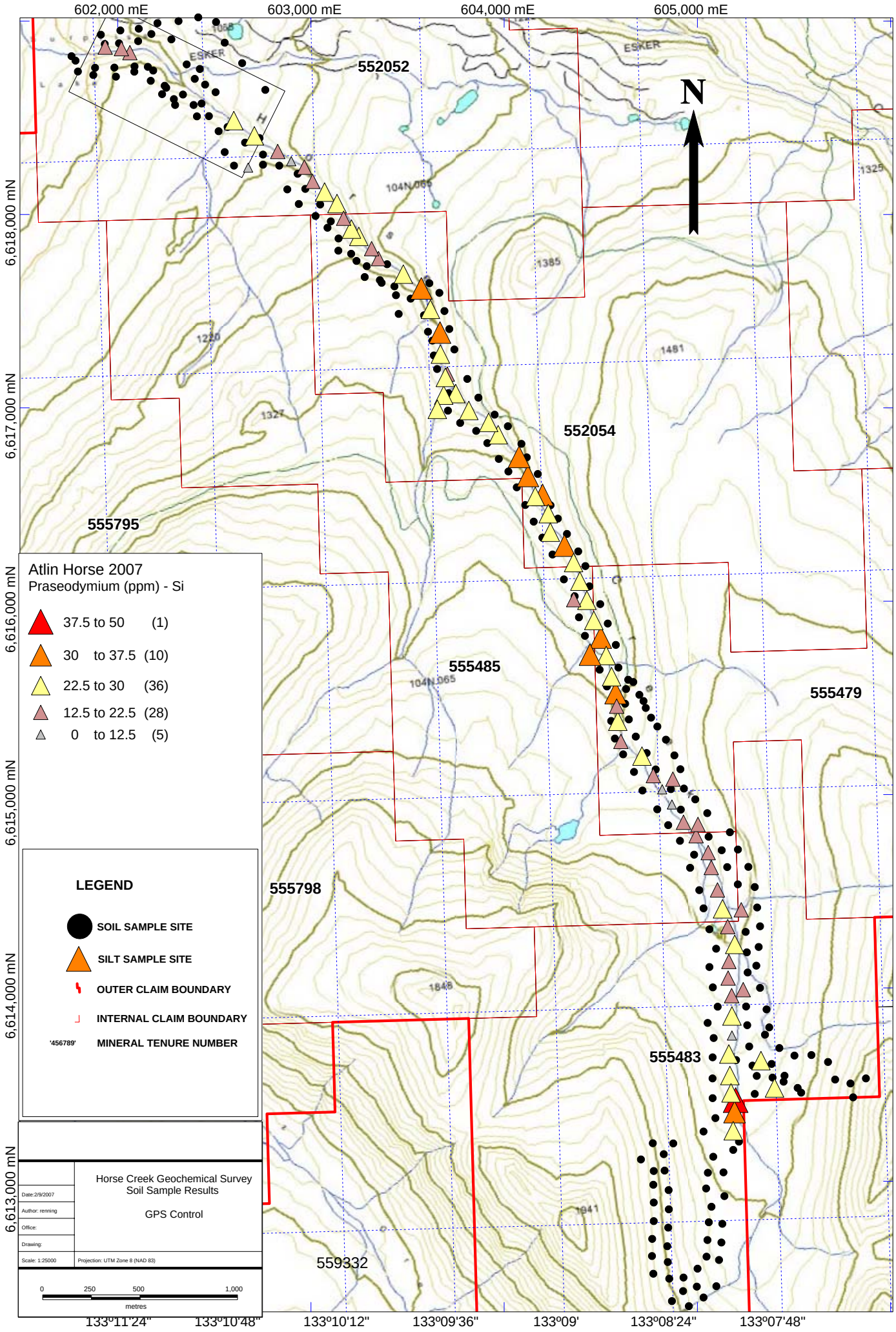
metres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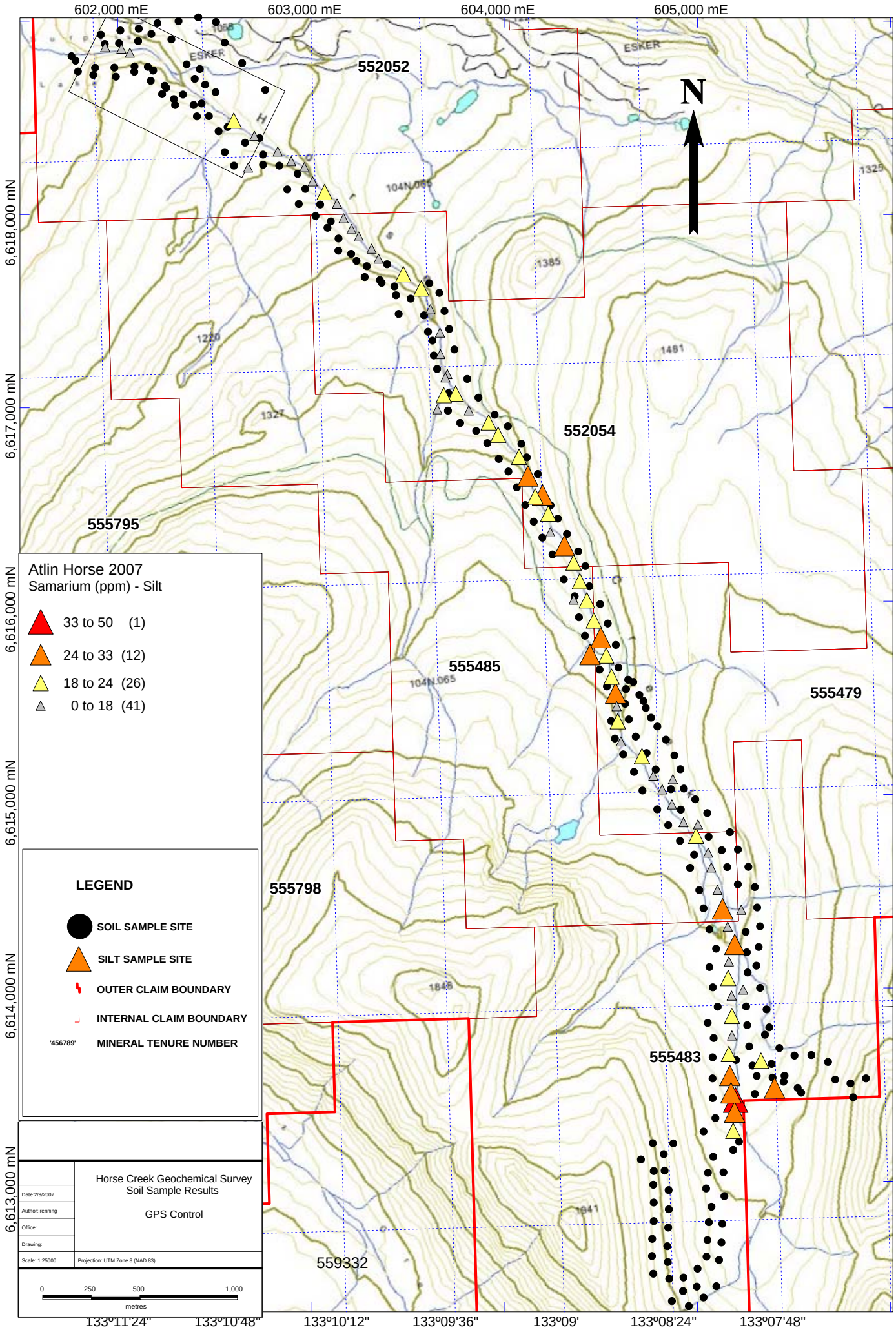
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Praseodymium (ppm) - Si
37.5 to 50 (1)
30 to 37.5 (10)
22.5 to 30 (36)
12.5 to 22.5 (28)
0 to 12.5 (5)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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555483
559332
ESKER
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Samarium (ppm) - Silt
33 to 50 (1)
24 to 33 (12)
18 to 24 (26)
0 to 18 (41)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
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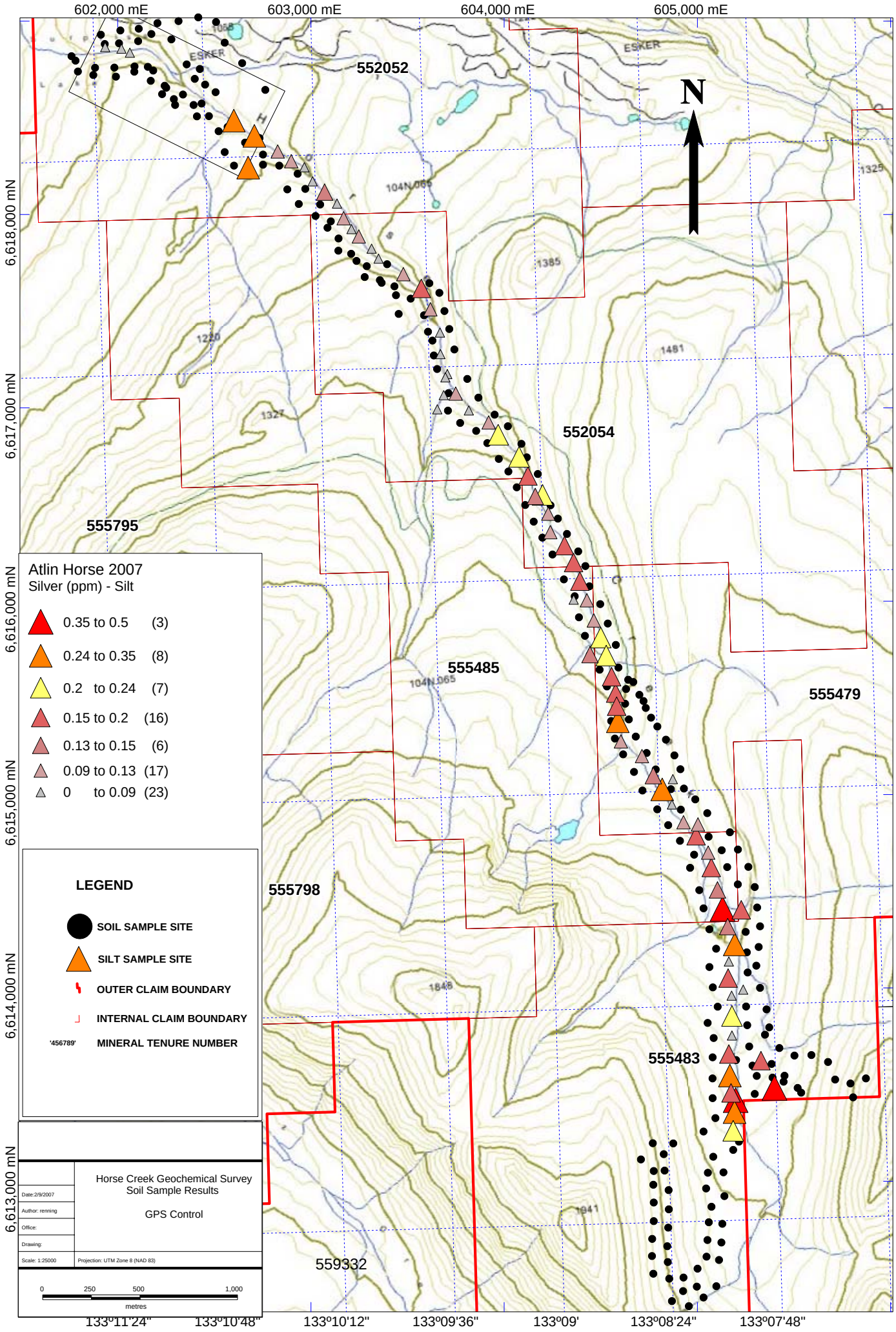
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Silver (ppm) - Silt
0.35 to 0.5 (3)
0.24 to 0.35 (8)
0.2 to 0.24 (7)
0.15 to 0.2 (16)
0.13 to 0.15 (6)
0.09 to 0.13 (17)
0 to 0.09 (23)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
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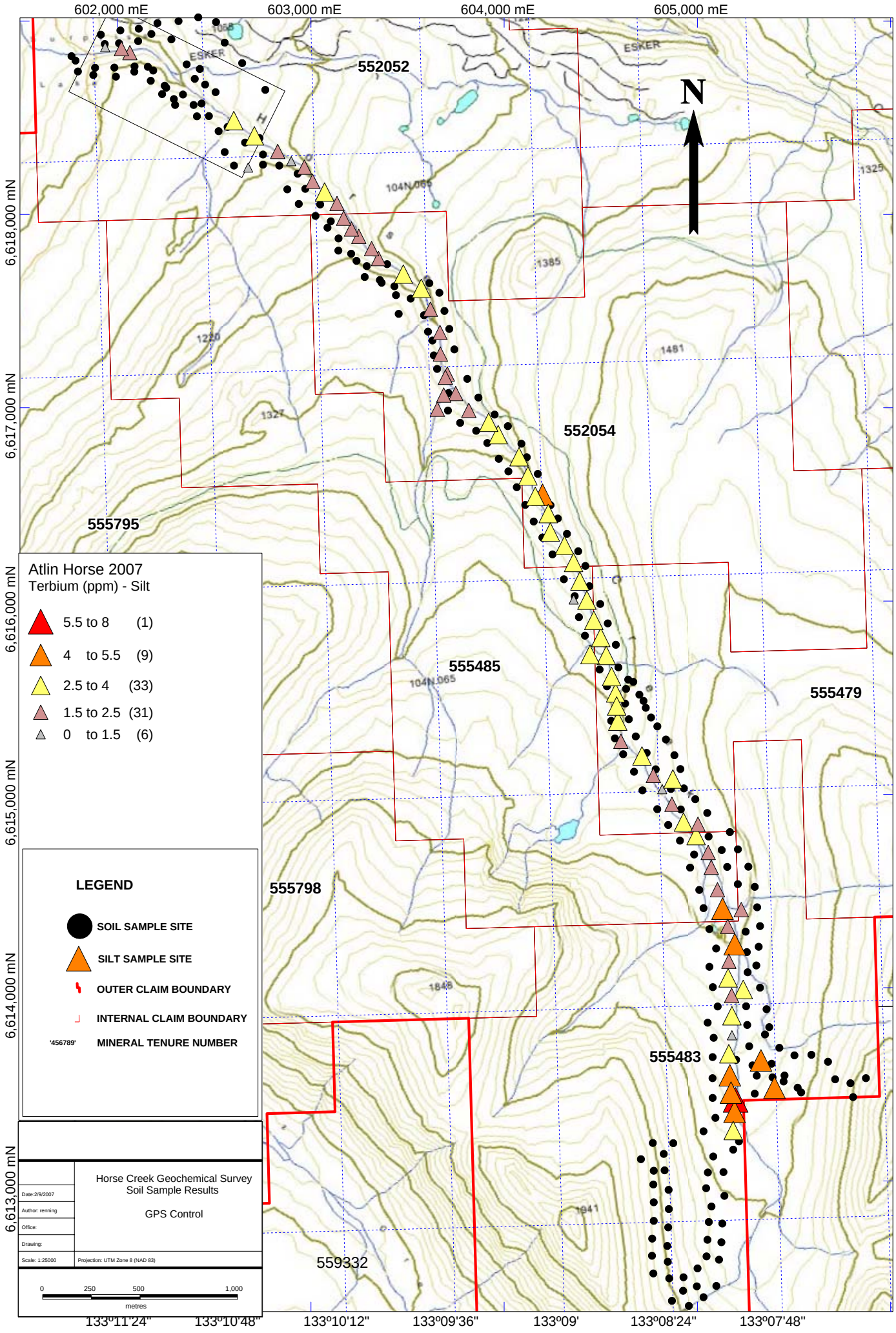
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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N
ESKER
552052
552054
555795
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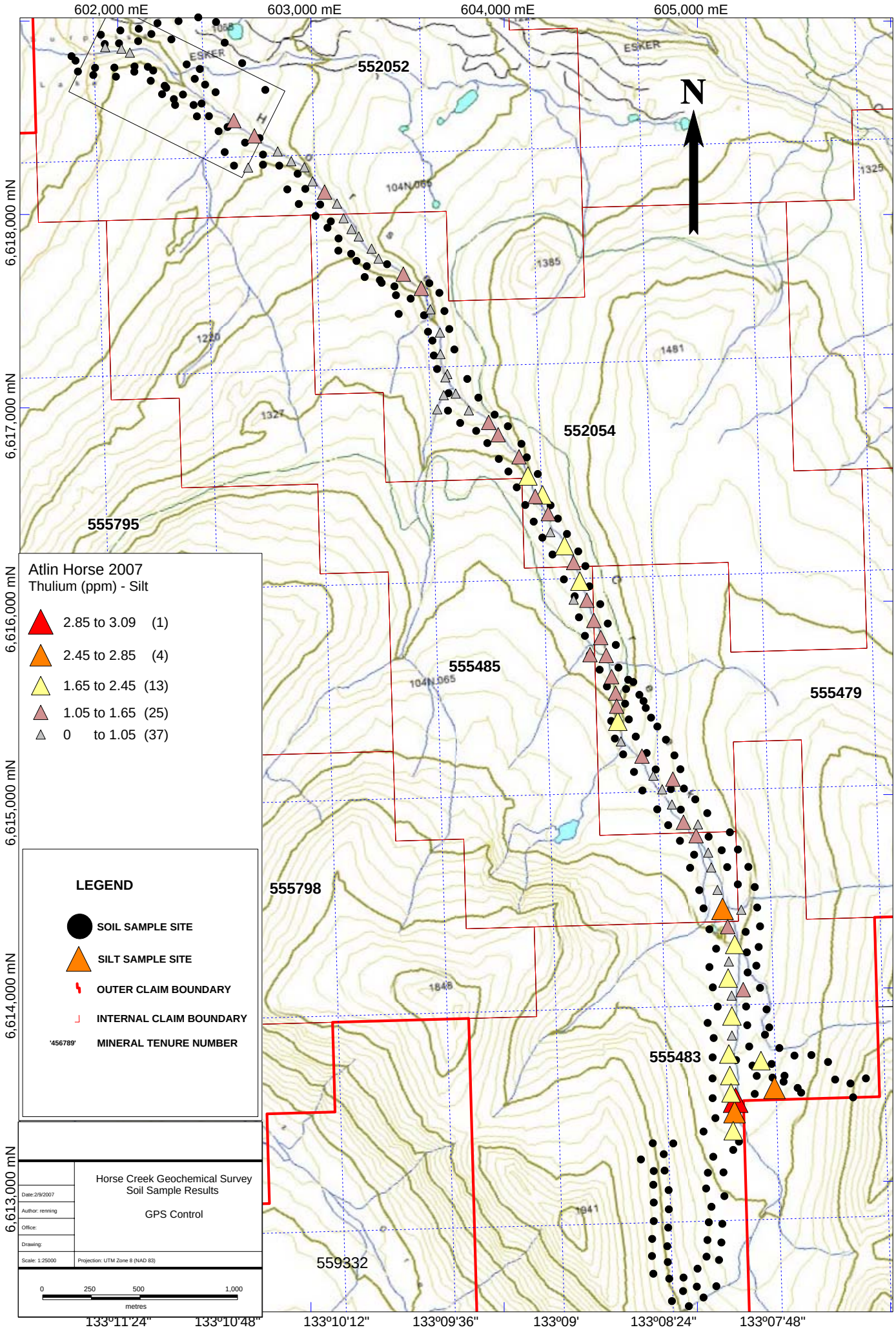
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Terbium (ppm) - Silt
5.5 to 8 (1)
4 to 5.5 (9)
2.5 to 4 (33)
1.5 to 2.5 (31)
0 to 1.5 (6)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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133°11'24"
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133°08'24"
133°07'48"
N
ESKER
552052
552054
555795
555485
555479
555798
555483
559332
Atlin Horse 2007
Thulium (ppm) - Silt
2.85 to 3.09 (1)
2.45 to 2.85 (4)
1.65 to 2.45 (13)
1.05 to 1.65 (25)
0 to 1.05 (37)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
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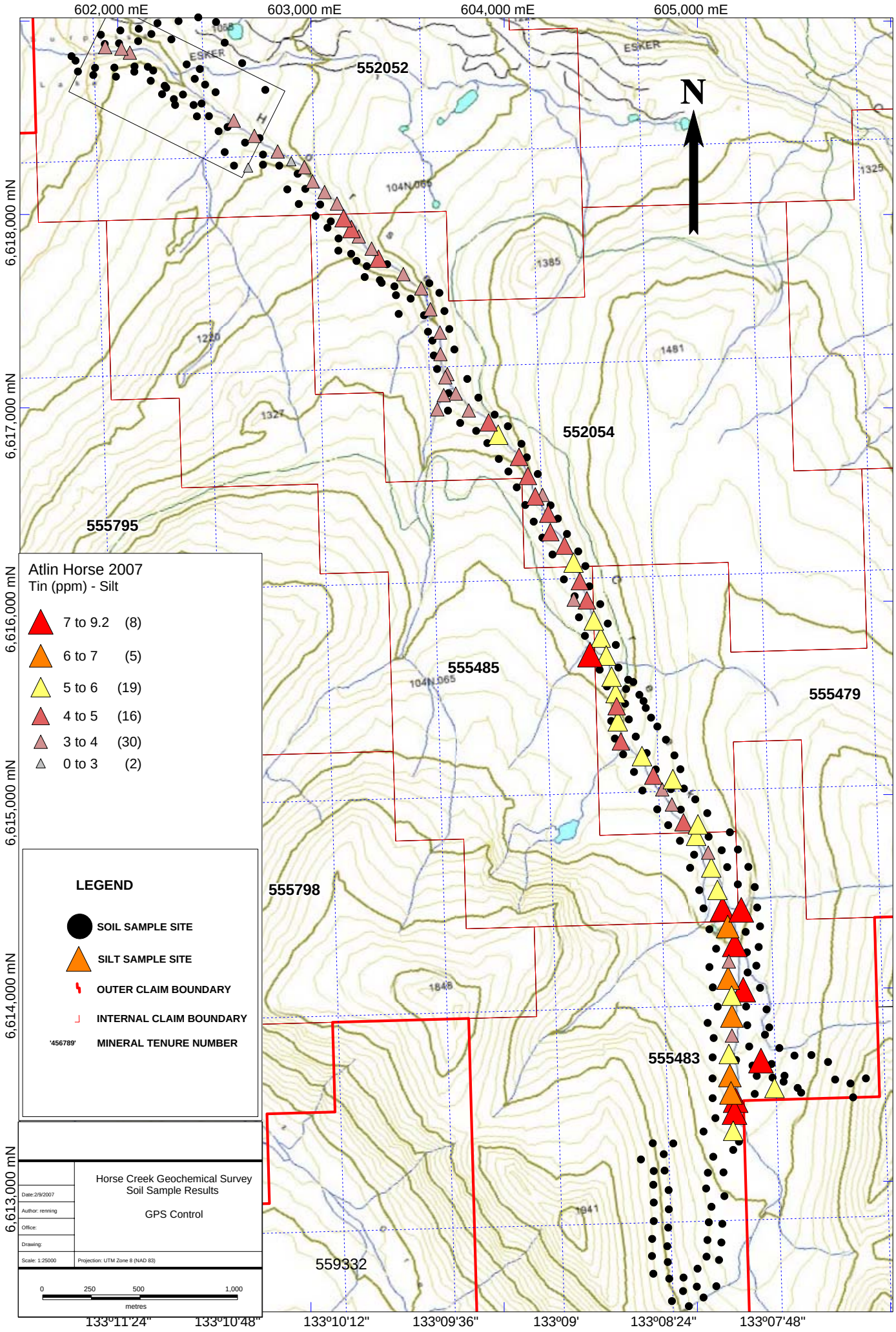
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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N
ESKER
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555795
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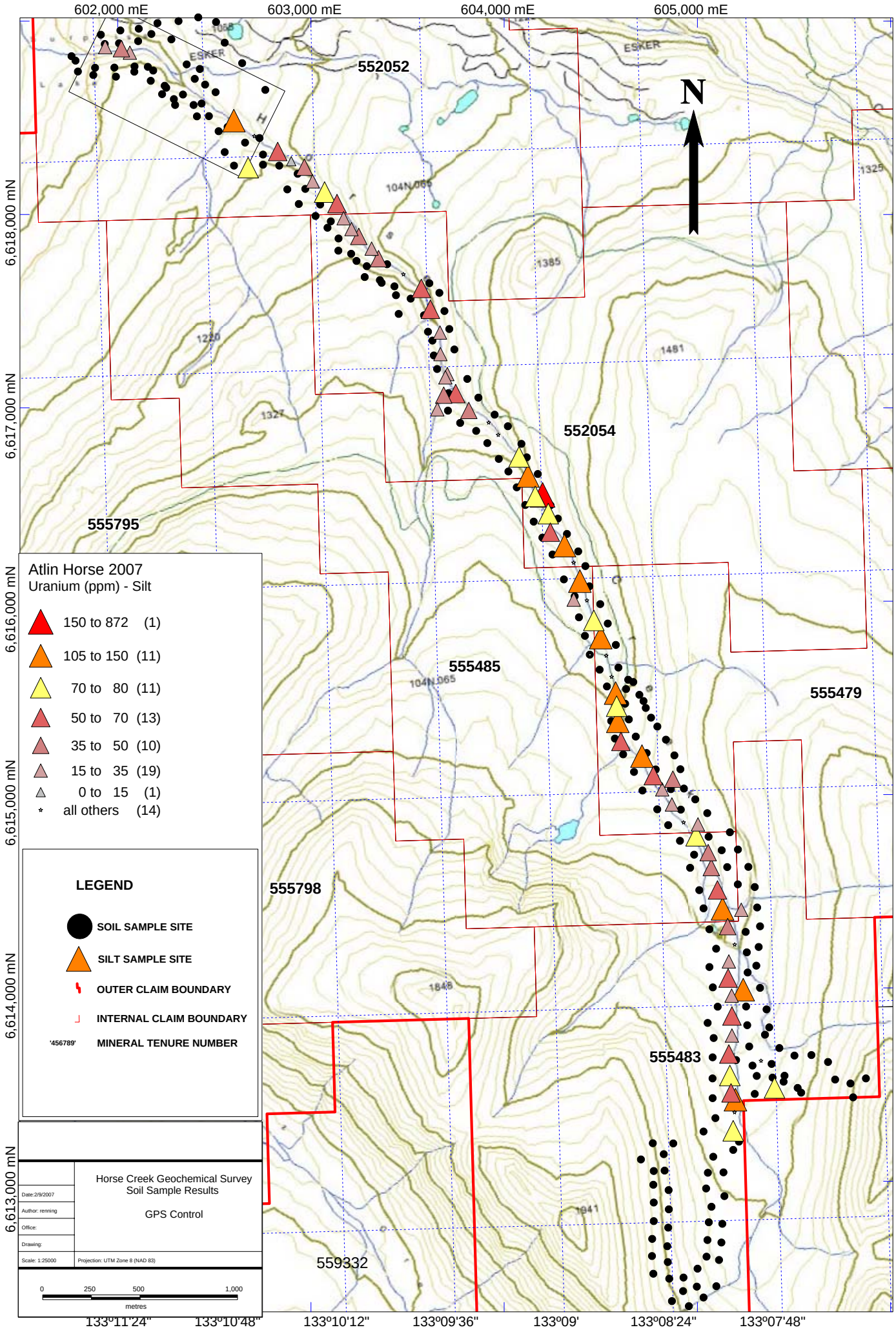
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Tin (ppm) - Silt
7 to 9.2 (8)
6 to 7 (5)
5 to 6 (19)
4 to 5 (16)
3 to 4 (30)
0 to 3 (2)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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ESKER
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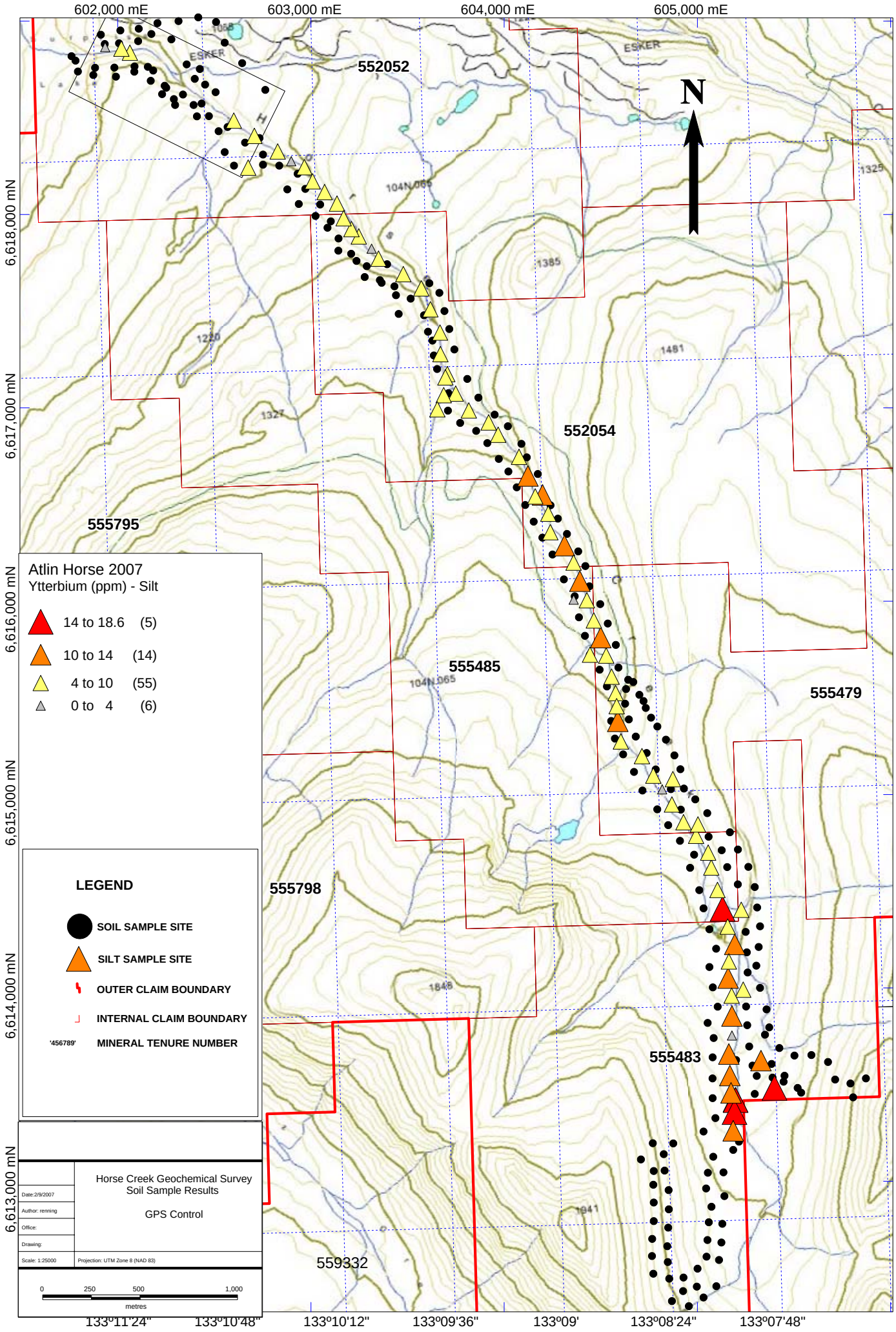
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Uranium (ppm) - Silt
150 to 872 (1)
105 to 150 (11)
70 to 80 (11)
50 to 70 (13)
35 to 50 (10)
15 to 35 (19)
0 to 15 (1)
all others (14)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789'
MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: rennring
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0
250
500
1,000
metres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N
ESKER
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552054
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555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Ytterbium (ppm) - Silt
14 to 18.6 (5)
10 to 14 (14)
4 to 10 (55)
0 to 4 (6)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
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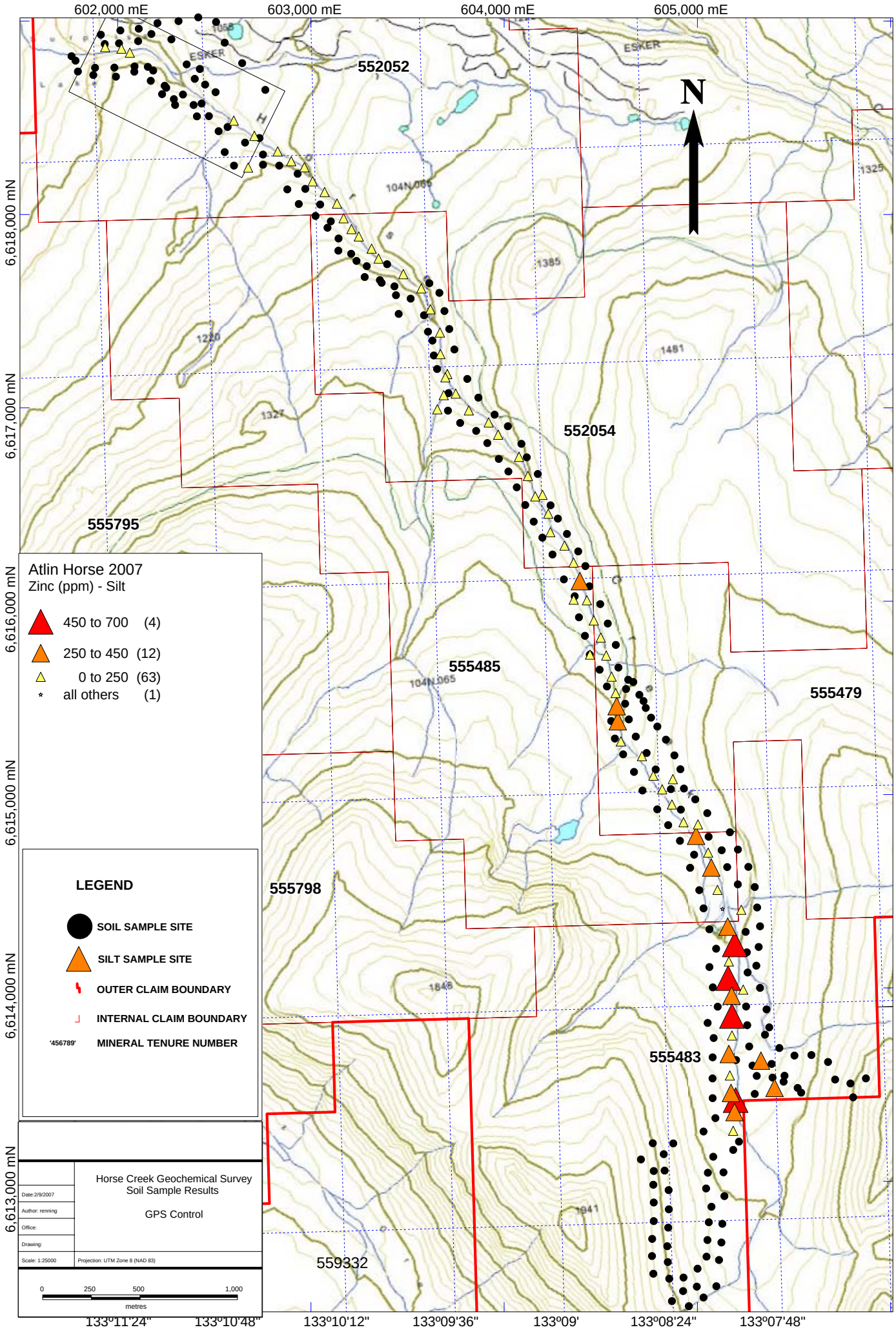
0 250 500 1,000
metres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552054
555795
555485
555479
555798
555483
559332
104N 065
1325
1385
1481
1220
1327
1848
1941
Atlin Horse 2007
Zinc (ppm) - Silt
450 to 700 (4)
250 to 450 (12)
0 to 250 (63)
all others (1)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
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Office:
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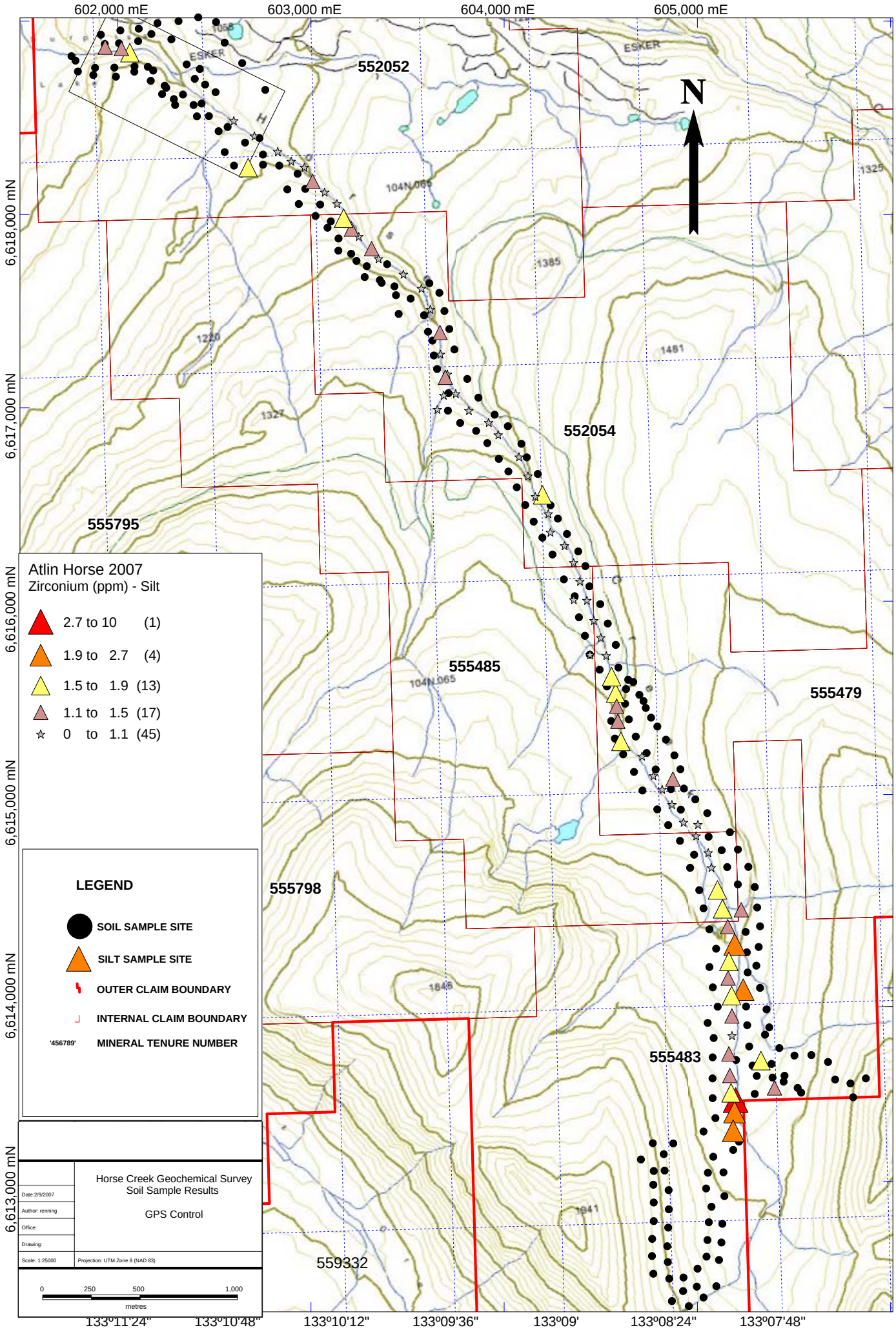
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres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559332
104N 065
1325
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1481
1220
1327
1848
1941
Atlin Horse 2007
Zirconium (ppm) - Silt
2.7 to 10 (1)
1.9 to 2.7 (4)
1.5 to 1.9 (13)
1.1 to 1.5 (17)
0 to 1.1 (45)
LEGEND
SOIL SAMPLE SITE
SILT SAMPLE SITE
OUTER CLAIM BOUNDARY
INTERNAL CLAIM BOUNDARY
'456789' MINERAL TENURE NUMBER
Horse Creek Geochemical Survey
Soil Sample Results
GPS Control
Date: 2/9/2007
Author: renning
Office:
Drawing:
Scale: 1:25000
Projection: UTM Zone 8 (NAD 83)
0 250 500 1,000
metres

APPENDIX A

2007 SEASON COST STATEMENT

ATLIN HORSE 2007
EXPLORATION EXPENSES

Field Expenses							
Category	**Date**	**Category - Description**	**Project**	**Supplier/Service**	**Gross**	**G.S.T.**	**Net**
Vehicle							
	7/17/2007 to 7/21/2007	Vehicle - Rental	Atlin Horse 2007	Amber Minerals Ltd.; Mirage Trailer, $200/day X 5 days			$1,000.00
	7/17/2007 to 7/21/2007	Vehicle - Rental	Atlin Horse 2007	Al's Towing, Smithers; Ford 3500 1 Ton 4X4, $150/day X 5 days			$750.00
	7/17/2007 to 7/21/2007	Vehicle - Rental	Atlin Horse 2007	Mazda MPV 4X4; $90/day X 5 days			$450.00
	7/17/2007 to 7/21/2007	Vehicle - Rental	Atlin Horse 2007	Amber Minerals Ltd.; Yamaha Rhino, $150/day X 5 days			$750.00
	7/18/2007	Vehicle-Fuel	Atlin Horse 2007	Pine Tree Services, Atlin,BC	$55.01		$55.01
	7/19/2007	Vehicle-Fuel	Atlin Horse 2007	Pine Tree Services, Atlin,BC	$150.42	$7.52	$142.90

Field Expenses

Category	Date	Category - Description	Project	Supplier/Service	Gross	G.S.T.	Net
	7/20/2007	Vehicle-Fuel	Atlin Horse 2007	Pine Tree Services, Atlin,BC	$26.78		$26.78
	7/21/2007	Vehicle-Fuel	Atlin Horse 2007	Pine Tree Services, Atlin,BC	$24.92		$24.92
	7/22/2007	Vehicle-Fuel	Atlin Horse 2007	Pine Tree Services, Atlin,BC	$114.39	$1.70	$112.69
							$3,762.30
Transport							
	7/19/2007	Transport - Helicopter	Atlin Horse 2007	Discovery Helicopters, Atlin, BC	$2,273.97	$128.71	$2,145.26
	7/21/2007	Transport - Helicopter	Atlin Horse 2007	Discovery Helicopters, Atlin, BC	$1,017.30	$57.58	$959.72
							$3,104.98
Accomodation							
	7/17/2007	Lodging	Atlin Horse 2007	Atlin Inn, Box 39, Atlin,BC	$91.09	$7.60	$83.49
							$83.49
Food							
	7/17/2007	Food-Snacks	Atlin Horse 2007	Atlin Gen.Store, 1st Trainor Ave., Atlin, BC	$15.48	$0.88	$14.60
	7/17/2007	Food-Snacks	Atlin Horse 2007	The Gazebo, 6 Mile River St., Tagish, YT	$16.50		$16.50
	7/17/2007	Food-Snacks	Atlin Horse 2007	The Gazebo, 6 Mile River St., Tagish, YT	$26.00		$26.00
	7/14/2007	Food - Vitamins	Atlin Horse 2007	Natures Pantry, 3744 1st Ave., Smithers, BC	$33.59	$1.90	$31.69

Field Expenses

Category	Date	Category - Description	Project	Supplier/Service	Gross	G.S.T.	Net
	7/17/2007	Food-Restaurant	Atlin Horse 2007	Twilight Café, 3rd St. & Discovery, Atlin, BC	$146.76	$0.00	$146.76
	7/17/2007	Food-Restaurant	Atlin Horse 2007	Twilight Café, 3rd St. & Discovery, Atlin, BC	$11.28	$0.00	$11.28
	7/18/2007	Food-Restaurant	Atlin Horse 2007	Twilight Café, 3rd St. & Discovery, Atlin, BC	$69.06	$0.00	$69.06
	7/14/2007	Food-Groceries	Atlin Horse 2007	Cda Safeway	$390.12	$2.45	$387.67
	7/14/2007	Food-Groceries	Atlin Horse 2007	The Smithers Sausage, 1107 Main St., Smithers, BC	$27.28		$27.28
							$730.84
Supplies							
	7/14/2007	Camp - Suplies	Atlin Horse 2007	Valhalla Pure Outfitters,1122 Main St.,Smithers,BC	$29.38	$1.56	$27.82
	7/18/2007	Camp - Suplies	Atlin Horse 2007	Atlin Trading Post,Atlin,BC	$33.93		$33.93
							$61.75
Sample Analysis							
	9/1/2007	Sample Analysis; Invoice 1593505	Atlin Horse 2007	ALS Chemex, 212 Brooksbank Avenue, North Vancouver, B.C., V7J 2C1	$4,970.62	$281.36	$4,689.26

Field Expenses

Category	Date	Category - Description	Project	Supplier/Service	Gross	G.S.T.	Net
	9/1/2007	Sample Analysis; Invoice 1593498	Atlin Horse 2007	ALS Chemex, 212 Brooksbank Avenue, North Vancouver, B.C., V7J 2C1	$4,676.57	$264.71	$4,422.86
	9/11/2007	Sample Analysis; Invoice 1593507	Atlin Horse 2007	ALS Chemex, 212 Brooksbank Avenue, North Vancouver, B.C., V7J 2C1	$3,151.87	$178.41	$2,973.46
	3/13/2008	Sample Analysis; Invoice 1684247	Atlin Horse 2007	ALS Chemex, 212 Brooksbank Avenue, North Vancouver, B.C., V7J 2C1	$912.40	$43.45	$868.95
	3/22/2008	Sample Analysis; Invoice 1684242	Atlin Horse 2007	ALS Chemex, 212 Brooksbank Avenue, North Vancouver, B.C., V7J 2C1	$662.13	$31.53	$630.60
	3/22/2008	Sample Analysis; Invoice 1684251	Atlin Horse 2007	ALS Chemex, 212 Brooksbank Avenue, North Vancouver, B.C., V7J 2C1	$1,005.32	$47.87	$957.45
							$14,542.58

Field Expenses							
Category	**Date**	**Category - Description**	**Project**	**Supplier/Service**	**Gross**	**G.S.T.**	**Net**
Wages							
Wages/Contracts/ Fees							
		Contract - Robert Pinsent Report Writing	Atlin Horse 2007				$4,725.00
	2/12/2008	SOW Fees	Atlin Horse 2007				$2,198.52
	(7/17/2007 to 7/21/2007)	Wages - Field Work	Atlin Horse 2007	Mike Pettit; (7/17/2007 to 7/21/2007) 5 days @ 325/day			$1,625.00
	(7/17/2007 to 7/21/2007)	Wages - Field Work	Atlin Horse 2007	Brent Schoon; 5 days @ 325/day			$1,625.00
	(7/17/2007 to 7/21/2007)	Wages - Field Work	Atlin Horse 2007	Thea Grey; 5 days @ 325/day			$1,625.00
	(7/17/2007 to 7/21/2007)	Wages - Field Work	Atlin Horse 2007	Anna Young; 6 days @ 350/day			$1,750.00
	(5/01/2008 to 5/12/2008)	Wages - Thematic Maps & Statistics, Report Preparation	Atlin Horse 2007	Michael Renning; 5 days @ 450/day			$2,250.00
							$15,798.52
Total Exploration Expenses							**$37,634.46**

APPENDIX B

SAMPLE LOCATIONS & ASSAY HIGHLIGHTS

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

Sample ID	Sample Type	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Slt 9	Soil	604868	6612380	13.6	7.62	0.2	15.2	2.75	0.89	68	19.5	14.6	2.4	1.09	6.33
Slt 8	Soil	604956	6612354	13.7	6.55	0.35	16	2.54	0.7	69.1	19.25	16.5	2.53	0.92	5.33
Slt 7	Soil	605032	6612399	7.36	4.11	0.16	8.85	1.45	0.5	44.2	12.8	9.11	1.33	0.61	3.57
Slt 6	Soil	605098	6612457	11.4	6.52	0.38	14.2	2.26	0.78	68.6	19.95	14.1	2.14	0.94	5.56
Slt 5	Soil	605112	6612593	3.92	2.05	0.22	4.71	0.74	0.26	25.6	7.27	5.3	0.73	0.3	1.78
Slt 4	Soil	605124	6612683	6.77	3.78	0.34	8.57	1.33	0.46	42.2	11.6	8.41	1.31	0.54	3.27
SLT 33	Soil	604962	6614621	11.8	6.58	0.27	13	2.23	0.87	59.5	16.3	13.6	2.18	0.97	5.91
SLT 32	Soil	605010	6614506	6.2	3.59	0.2	7.26	1.24	0.41	43.4	11.85	8.22	1.15	0.51	2.87
SLT 31	Soil	605032	6614412	23.6	12.8	0.44	27	4.6	1.2	123	33.8	26.3	4.45	1.71	9.01
SLT 30	Soil	605062	6614303	5.57	3.3	0.15	6.03	1.12	0.42	29.2	8.18	6.29	1.05	0.5	2.97
Slt 3	Soil	605129	6612780	7.52	4.21	0.22	7.74	1.5	0.55	33.7	9.31	7.7	1.27	0.66	4.07
SLT 29	Soil	605097	6614203	6.01	3.36	0.13	7.29	1.18	0.4	38.3	11.05	7.21	1.13	0.5	2.72
SLT 28	Soil	605062	6614108	5.47	3.27	0.17	6.73	1.08	0.43	35.8	10.3	7.16	1.06	0.49	3.01
SLT 27	Soil	605080	6614003	4.14	2.49	0.13	5.49	0.82	0.33	31	8.63	6.09	0.8	0.37	2.24
SLT 26	Soil	605105	6613903	9.2	5.35	0.28	9.82	1.84	0.68	43.5	12.25	9.86	1.67	0.8	4.78
SLT 25	Soil	605053	6613819	4.59	2.69	0.15	4.98	0.94	0.35	25.4	7.29	5.24	0.82	0.41	2.36
SLT 24	Soil	605084	6613741	5.15	3.17	0.13	5.37	1.04	0.44	22.6	6.39	4.93	0.92	0.5	2.93
SLT 23	Soil	605079	6613641	9.22	5.09	0.22	9.23	1.82	0.6	39.1	10.9	8.48	1.62	0.75	4.35
SLT 22	Soil	605078	6613532	6.13	3.64	0.17	6.64	1.27	0.45	30.1	8.41	6.6	1.11	0.55	3.31
SLT 21	Soil	605079	6613430	14.7	8.51	0.28	13.7	2.96	0.95	49.1	13.6	12.7	2.61	1.22	6.93
SLT 20	Soil	605093	6613327	31	16.6	0.6	30.2	5.88	2.05	109	28.5	31	5.63	2.55	14.8
Slt 2	Soil	605140	6612923	14.8	7.84	0.37	14.3	2.91	0.95	57.6	15.25	14.5	2.56	1.13	6.91
SLT 19	Soil	605032	6613257	12.8	7.03	0.29	12.1	2.52	0.86	45.3	12.6	11.6	2.16	1.01	6.12
SLT 18	Soil	604875	6613196	40.3	22.8	0.61	33.7	8.07	2.54	111	28.6	33	6.62	3.4	19.35
SLT 17	Soil	604769	6613197	11.3	6.45	0.23	11.8	2.3	0.7	45.2	12.45	10.2	1.98	0.94	5.15
SLT 16	Soil	604708	6613113	14.2	7.12	0.29	13.2	2.71	0.72	45.1	12.5	11.2	2.36	0.97	5.39
Slt 15A	Soil	604772	6612982	15.5	7.9	0.31	16.4	2.95	0.84	71.2	20.7	15.7	2.83	1.08	6.2
Slt 14	Soil	604774	6612890	18.4	10.1	0.4	22.6	3.63	1.1	103.5	30.4	22	3.49	1.42	8.27

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

Sample ID	Sample Type	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Slt 13	Soil	604774	6612794	13.9	7.17	0.3	15.3	2.62	0.84	69.7	19.3	16.8	2.53	1.06	6.25
Slt 12	Soil	604766	6612702	5.69	2.9	0.11	7.04	1.06	0.33	38.1	10.75	7.52	1.1	0.41	2.4
Slt 11	Soil	604765	6612613	24.6	12.6	0.41	26.8	4.65	1.25	111	32.2	26.8	4.62	1.75	9.71
Slt 10	Soil	604772	6612522	14	7.72	0.28	16.5	2.82	0.88	76.4	21.5	16.5	2.57	1.09	6.32
Slt 1	Soil	605135	6613046	29.2	16.2	0.6	26.8	5.76	2.2	97.1	25.8	25.9	4.93	2.59	15.7
Bsls 96	Soil	602764	6618645	5.04	2.87	0.27	7.61	0.96	0.33	46	14.05	7.83	1.03	0.4	2.4
Bsls 95	Soil	602644	6618783	1.88	1.07	0.23	3.01	0.36	0.13	18.2	5.25	3.11	0.4	0.15	0.92
Bsls 94	Soil	602554	6618889	1.26	0.73	0.18	1.92	0.24	0.1	11.1	3.08	2.05	0.26	0.1	0.66
Bsls 93	Soil	602509	6618996	1.02	0.57	0.14	1.84	0.19	0.07	11.9	3.53	2.03	0.23	0.08	0.52
Bsls 92	Soil	602417	6619020	1.14	0.64	0.16	1.86	0.22	0.08	11.9	3.49	2.05	0.24	0.09	0.54
Bsls 91	Soil	602315	6619001	1.6	0.96	0.14	2.36	0.31	0.12	14.9	4.34	2.52	0.32	0.14	0.8
Bsls 90	Soil	602206	6618990	1.5	0.85	0.14	2.41	0.29	0.11	15.1	4.48	2.64	0.32	0.12	0.73
Bsls 9	Soil	605872	6613532	17.9	9.19	0.33	19	3.42	0.97	88.6	24.3	21	3.15	1.23	7.11
Bsls 89	Soil	602109	6618961	2.01	1.15	0.2	2.81	0.4	0.15	18.2	5.31	3.18	0.4	0.16	1.01
Bsls 88	Soil	602014	6618952	1.5	0.85	0.25	2.24	0.29	0.11	13.1	3.81	2.31	0.3	0.12	0.73
Bsls 87	Soil	601913	6618930	1.61	0.96	0.15	2.53	0.32	0.12	16.5	4.89	2.76	0.33	0.13	0.82
Bsls 86	Soil	601782	6618796	1.53	0.9	0.14	2.72	0.3	0.11	18.5	5.61	2.9	0.33	0.12	0.76
Bsls 85	Soil	601883	6618759	2.76	1.66	0.24	4.19	0.56	0.22	25.9	7.44	4.28	0.56	0.23	1.48
Bsls 84	Soil	601983	6618760	3.86	2.26	0.23	6.39	0.76	0.29	40	12.3	6.47	0.81	0.31	1.95
Bsls 83	Soil	602087	6618766	1.77	1.07	0.13	2.49	0.35	0.14	17.1	4.98	2.78	0.34	0.15	0.94
Bsls 82	Soil	602184	6618745	1.2	0.69	0.11	1.79	0.23	0.09	12.1	3.56	2	0.23	0.1	0.64
Bsls 81	Soil	602243	6618666	1.17	0.7	0.11	1.61	0.23	0.09	10.4	2.95	1.84	0.22	0.1	0.61
Bsls 80	Soil	602291	6618597	0.96	0.54	0.15	1.44	0.18	0.07	9.3	2.55	1.68	0.19	0.07	0.47
Bsls 8	Soil	605806	6613434	8.6	4.88	0.12	10.5	1.69	0.57	54.3	14.9	11.5	1.59	0.68	4.16
Bsls 79	Soil	602393	6618567	1.83	1.05	0.13	2.9	0.35	0.13	20.4	5.91	3.41	0.37	0.15	0.93
Bsls 78	Soil	602472	6618509	0.94	0.52	0.2	1.3	0.18	0.07	8.1	2.15	1.49	0.18	0.07	0.46
Bsls 77	Soil	602569	6618453	0.95	0.55	0.2	1.35	0.18	0.07	8.4	2.24	1.58	0.18	0.08	0.48
Bsls 76	Soil	602659	6618372	0.75	0.41	0.19	1.12	0.14	0.05	7.1	1.89	1.35	0.15	0.06	0.35
Bsls 75	Soil	602752	6618310	0.74	0.42	0.17	1.11	0.14	0.05	7.1	1.92	1.34	0.15	0.06	0.39
Bsls 74	Soil	602836	6618253	0.96	0.49	0.22	1.46	0.18	0.06	9.7	2.66	1.75	0.19	0.07	0.41
Bsls 73	Soil	602931	6618211	1.29	0.75	0.2	1.84	0.25	0.09	11.9	3.32	2.11	0.25	0.11	0.65

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

Sample ID	Sample Type	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Bsls 72	Soil	602971	6618133	1.56	0.95	0.17	2.28	0.3	0.12	15.3	4.44	2.56	0.3	0.13	0.83
Bsls 71	Soil	603048	6618052	0.97	0.55	0.19	1.52	0.19	0.07	9.8	2.72	1.79	0.19	0.07	0.48
Bsls 70	Soil	603103	6617965	1.17	0.69	0.13	1.62	0.22	0.09	11	3.21	1.94	0.22	0.1	0.66
Bsls 69	Soil	603143	6617876	1.4	0.84	0.13	1.84	0.27	0.12	11.9	3.35	2.17	0.26	0.13	0.8
Bsls 68	Soil	603208	6617797	2.63	1.49	0.27	3.3	0.5	0.18	19.1	5.17	3.79	0.47	0.21	1.33
Bsls 67	Soil	603289	6617733	1.98	1.2	0.16	2.5	0.39	0.15	14.6	4.12	2.78	0.37	0.17	1.08
Bsls 66	Soil	603357	6617661	1.72	0.99	0.13	2.24	0.32	0.12	14.4	4.08	2.63	0.31	0.14	0.87
Bsls 65	Soil	603432	6617629	2.16	1.21	0.13	3	0.41	0.15	19.2	5.52	3.43	0.4	0.17	1.07
Bsls 64	Soil	603516	6617565	3.22	1.82	0.29	3.89	0.63	0.23	21.8	5.95	4.37	0.59	0.26	1.66
Bsls 63	Soil	603585	6617479	2.05	1.21	0.17	2.77	0.4	0.16	17.7	4.96	3.21	0.39	0.18	1.11
Bsls 62	Soil	603606	6617394	2.87	1.73	0.15	3.53	0.57	0.23	21.3	6.07	3.92	0.51	0.26	1.53
Bsls 61	Soil	603629	6617348	2.01	1.12	0.15	2.55	0.39	0.15	15.2	4.2	2.95	0.36	0.17	1.04
Bsls 60	Soil	603636	6617271	3.96	2.37	0.27	5.32	0.78	0.3	31.2	8.49	5.47	0.73	0.34	2.13
Bsls 59	Soil	603653	6617201	1.73	0.97	0.17	2.35	0.34	0.13	14.5	3.95	2.79	0.33	0.14	0.93
Bsls 58	Soil	603712	6617076	4.08	2.31	0.24	6.03	0.8	0.27	39.6	11.6	6.3	0.78	0.31	1.87
Bsls 57	Soil	603709	6616986	1.8	1	0.15	2.63	0.35	0.13	16.7	4.86	2.85	0.34	0.14	0.9
Bsls 56	Soil	603772	6616922	2.98	1.66	0.24	3.63	0.57	0.21	21.4	5.83	4.09	0.53	0.24	1.51
Bsls 55	Soil	603855	6616881	2.4	1.37	0.19	3.06	0.46	0.17	18.6	5.12	3.54	0.45	0.19	1.18
Bsls 54	Soil	603913	6616818	2.47	1.39	0.18	3.4	0.48	0.18	21.9	6.31	3.87	0.47	0.19	1.25
Bsls 53	Soil	603972	6616736	2.04	1.2	0.17	2.63	0.41	0.16	15.3	4.15	2.96	0.38	0.17	1.12
Bsls 52	Soil	604022	6616671	2.27	1.23	0.19	2.9	0.43	0.15	17.6	4.89	3.42	0.43	0.17	1.11
Bsls 51	Soil	604065	6616589	2.63	1.53	0.1	2.88	0.53	0.2	14.7	3.96	3.06	0.45	0.22	1.4
Bsls 50	Soil	604109	6616498	2.64	1.32	0.25	3.57	0.48	0.14	22.6	6.29	4.31	0.51	0.17	1.03
Bsls 49	Soil	604153	6616412	2.07	1.13	0.2	3.11	0.39	0.14	19	5.37	3.43	0.41	0.15	0.96
Bsls 48	Soil	604198	6616329	2.72	1.58	0.2	3.67	0.54	0.2	21	5.81	4	0.51	0.22	1.4
Bsls 47	Soil	604250	6616242	2.22	1.27	0.16	2.93	0.43	0.17	16.2	4.55	2.98	0.41	0.18	1.15
Bsls 46	Soil	604309	6616113	3.08	1.81	0.21	4.17	0.62	0.24	22.9	6.34	4.39	0.6	0.26	1.64
Bsls 45	Soil	604365	6616026	7.91	4.23	0.42	10.2	1.55	0.49	53.4	14.3	10.6	1.5	0.58	3.58
Bsls 44	Soil	604387	6615917	1.47	0.88	0.12	1.92	0.3	0.11	10.1	2.78	1.92	0.28	0.12	0.78
Bsls 43	Soil	604418	6615821	3.08	1.87	0.16	3.54	0.64	0.25	17.7	4.9	3.45	0.56	0.28	1.75
Bsls 42	Soil	604443	6615724	8.86	4.96	0.4	11.4	1.71	0.6	58.2	15.5	11.9	1.69	0.68	4.25

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

Sample ID	Sample Type	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Bsls 41	Soil	604494	6615646	3.24	1.94	0.19	3.92	0.66	0.27	19.2	5.03	4.1	0.58	0.28	1.82
Bsls 40	Soil	604532	6615559	6.24	3.5	0.24	7.82	1.21	0.43	42	11.6	8.09	1.17	0.5	3.08
Bsls 39	Soil	604631	6615546	3.91	2.23	0.13	4.28	0.79	0.27	19.9	5.42	4.39	0.7	0.32	1.95
Bsls 38	Soil	604626	6615470	1.29	0.7	0.08	2.07	0.24	0.1	10.9	2.9	2.52	0.27	0.1	0.69
Bsls 37	Soil	604668	6615582	2.56	1.46	0.14	3.18	0.5	0.19	16.8	4.7	3.38	0.47	0.2	1.33
Bsls 36	Soil	604700	6615516	7.23	3.95	0.21	8.83	1.4	0.47	47.1	12.75	9.31	1.35	0.55	3.4
Bsls 35	Soil	604733	6615448	4.78	2.54	0.15	5.75	0.91	0.31	28.7	7.94	6.11	0.89	0.35	2.21
Bsls 34	Soil	604760	6615398	6.89	3.88	0.23	7.65	1.32	0.51	36.2	9.56	7.95	1.23	0.59	3.64
Bsls 33	Soil	604793	6615352	10.4	6.01	0.29	11.9	2.1	0.73	57.6	15.9	12.4	1.87	0.86	5.28
Bsls 32	Soil	604837	6615284	2.9	1.63	0.12	3.57	0.57	0.21	18.3	4.96	3.75	0.54	0.23	1.42
Bsls 31	Soil	604881	6615203	2.2	1.29	0.08	2.75	0.43	0.17	14.3	4.04	2.86	0.42	0.19	1.2
Bsls 30	Soil	604912	6615131	3.87	2.19	0.13	4.64	0.76	0.29	22.4	6.1	4.81	0.72	0.32	2.03
Bsls 29	Soil	604930	6615031	4.5	2.51	0.15	5.38	0.86	0.31	25.3	6.97	5.53	0.83	0.36	2.25
Bsls 28	Soil	604989	6614975	2.75	1.52	0.1	3.5	0.54	0.2	17.7	4.78	3.65	0.52	0.22	1.41
Bsls 27	Soil	605051	6614904	1.4	0.79	0.09	1.8	0.28	0.09	9.5	2.67	1.87	0.26	0.11	0.7
Bsls 26	Soil	605168	6614805	5.46	2.94	0.19	6.68	1.07	0.36	34.5	9.53	6.8	1.01	0.41	2.53
Bsls 25	Soil	605210	6614716	3.86	2.3	0.13	5.14	0.78	0.31	25.1	6.83	5.33	0.74	0.35	2.19
Bsls 24	Soil	605264	6614626	10.7	5.75	0.31	12.3	2.07	0.64	61.3	17.1	13	1.97	0.78	4.77
Bsls 23	Soil	605297	6614522	4.5	2.68	0.14	5.79	0.91	0.36	27.6	7.54	5.85	0.84	0.39	2.51
Bsls 22	Soil	605309	6614416	8.97	5.21	0.23	10.5	1.84	0.68	48.8	12.75	10.6	1.61	0.76	4.81
Bsls 21	Soil	605324	6614319	4.73	2.71	0.14	5.77	0.93	0.33	28.1	7.77	5.81	0.87	0.38	2.39
Bsls 20	Soil	605317	6614212	17.2	9.44	0.42	17.1	3.35	1.08	70.9	18.4	17.1	2.99	1.33	7.96
Bsls 19	Soil	605305	6614115	4.82	2.68	0.13	5.89	0.95	0.33	27.9	7.53	5.96	0.89	0.36	2.33
Bsls 18	Soil	605324	6614000	6.73	3.71	0.14	7.91	1.32	0.46	35.3	9.32	8.02	1.24	0.54	3.38
Bsls 17	Soil	605358	6613889	12.8	7.43	0.25	13.2	2.54	0.98	55.6	14.65	12.9	2.22	1.12	7.02
Bsls 16	Soil	605372	6613796	4.91	2.92	0.09	5.68	0.98	0.37	27.7	7.62	5.8	0.89	0.43	2.61
Bsls 15	Soil	605424	6613689	4	2.45	0.08	4.71	0.83	0.35	22.5	5.95	4.8	0.73	0.38	2.47
Bsls 14	Soil	605502	6613650	8.74	5.02	0.21	10.1	1.73	0.63	49.6	13.8	10.3	1.58	0.73	4.56
Bsls 13	Soil	605590	6613653	11.9	6.5	0.28	12.9	2.34	0.75	55.5	14.55	13	2.12	0.9	5.38
Bsls 12	Soil	605676	6613617	8.51	4.88	0.17	9.86	1.66	0.63	47.3	12.75	10.2	1.55	0.71	4.51
Bsls 11	Soil	605713	6613526	8.79	4.92	0.14	9.9	1.73	0.62	47.4	12.85	10.8	1.59	0.72	4.53

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

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Bsls 10	Soil	605792	6613506	12.1	6.95	0.17	13.5	2.42	0.87	65.2	17.8	14.5	2.14	0.99	6.34
Bsls 1	Soil	605185	6613162	6.48	3.41	0.21	7.02	1.24	0.39	32.5	9.02	7.36	1.18	0.47	2.91
Asl 9	Soil	604928	6612502	13.5	7.55	0.3	15.9	2.65	0.87	74.5	20.6	16	2.53	1.05	6.19
Asl 8	Soil	605001	6612548	14.3	8.22	0.34	16.8	2.88	0.99	76.6	20.6	17.2	2.64	1.18	7.13
Asl 7	Soil	605047	6612610	25.5	14.6	0.54	26.2	5.04	1.8	105.5	28.5	27	4.63	2.14	12.85
Asl 6	Soil	605052	6612696	17.7	9.74	0.42	19	3.41	1.18	79.7	21.9	19.6	3.22	1.41	8.67
Asl 5	Soil	605059	6612788	20.4	11.1	0.57	23	3.97	1.28	95.8	25.6	23.8	3.88	1.53	9.05
Asl 4	Soil	605073	6612868	10.4	6.13	0.38	12	2.12	0.74	54.6	15.15	11.9	1.94	0.88	5.19
Asl 35	Soil	602156	6618764	2.05	1.24	0.15	3.06	0.41	0.16	19.2	5.53	3.13	0.42	0.17	1.1
Asl 34	Soil	602251	6618656	2.92	1.61	0.37	3.51	0.55	0.19	19.7	5.28	3.79	0.56	0.22	1.43
Asl 33	Soil	602338	6618621	2.77	1.65	0.26	3.9	0.56	0.21	22	5.88	3.86	0.56	0.23	1.4
Asl 32	Soil	602434	6618574	3.35	1.99	0.21	4.46	0.67	0.24	24.8	6.72	4.5	0.66	0.27	1.73
Asl 31	Soil	602734	6618396	7.57	4.23	0.27	10.4	1.51	0.51	57.4	16.2	10.3	1.49	0.59	3.67
Asl 30	Soil	603394	6617743	2.16	1.22	0.14	3.22	0.41	0.16	19.5	5.53	3.28	0.44	0.17	1.08
Asl 3	Soil	605045	6612963	8.7	4.92	0.25	9.66	1.7	0.61	42.3	11.4	9.6	1.58	0.72	4.33
Asl 29	Soil	604554	6615381	5.64	3.1	0.18	6.7	1.1	0.37	33.5	8.78	6.78	1.06	0.44	2.74
Asl 28	Soil	604573	6615290	8.36	4.76	0.23	11.3	1.65	0.56	60.6	16.65	11.4	1.65	0.65	4.1
Asl 27	Soil	604616	6615208	6.32	3.53	0.19	7.16	1.22	0.43	35.8	9.51	7.35	1.19	0.5	3.08
Asl 26	Soil	604672	6615117	6.77	3.76	0.17	8.29	1.32	0.47	43.3	11.8	8.75	1.33	0.53	3.34
Asl 25	Soil	604716	6615021	4.47	2.62	0.15	5.64	0.89	0.33	28	7.35	5.8	0.88	0.37	2.33
Asl 24	Soil	604792	6614924	2.6	1.41	0.12	3.54	0.49	0.17	20.3	5.52	3.65	0.5	0.2	1.27
Asl 23	Soil	604849	6614842	6.4	3.85	0.2	8.14	1.3	0.48	41	11.45	8.47	1.22	0.56	3.47
Asl 22	Soil	604910	6614761	5.19	3.01	0.16	6.72	1.05	0.37	34.1	9.39	6.92	1	0.44	2.66
Asl 21	Soil	604983	6614689	8.12	4.65	0.3	10.5	1.62	0.56	53.6	14.8	11	1.57	0.66	3.91
Asl 20	Soil	604774	6613053	37.7	20.4	0.65	34.1	7.53	2.23	116	29.3	32.8	6.46	2.85	16.3
Asl 2	Soil	605054	6613044	12.2	7.22	0.26	12.3	2.51	0.91	52.7	14.65	12.2	2.18	1.07	6.49
Asl 19	Soil	604826	6613140	13.6	7.63	0.26	13	2.69	0.86	53.5	14.3	13.1	2.4	1.04	6.28
Asl 18	Soil	604830	6613055	22.5	12.5	0.43	21.9	4.52	1.38	80.9	21	21	3.95	1.72	9.87
Asl 17	Soil	604851	6612954	20.1	10.9	0.38	20.4	3.84	1.14	83.5	22.9	20.1	3.57	1.47	8.37
Asl 16	Soil	604852	6612855	4.05	2.3	0.13	5.18	0.8	0.27	25.1	7.08	5.2	0.79	0.32	1.94
Asl 15	Soil	604849	6612760	10.6	5.82	0.25	13.6	2.07	0.64	65.6	18.8	14.2	2.11	0.8	4.79

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

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Asl 14	Soil	604844	6612664	14.3	7.73	0.27	17.4	2.73	0.86	80.5	22.7	17.9	2.7	1.05	6.2
Asl 13	Soil	604847	6612582	5.83	2.95	0.19	6.98	1.1	0.33	33.2	8.98	7.12	1.11	0.4	2.39
Asl 12	Soil	604854	6612496	9.7	5.57	0.16	11.7	1.94	0.63	55	15.1	11.8	1.82	0.79	4.63
Asl 11	Soil	604926	6612432	19.9	11	0.42	22.5	3.83	1.3	101.5	27.7	24.3	3.63	1.55	9.39
Asl 10	Soil	604997	6612455	21.2	11.7	0.45	24.1	4.16	1.36	107.5	28.2	25.9	3.95	1.63	9.83
Asl 1	Soil	605082	6613127	9.05	5.31	0.22	10.8	1.82	0.67	51.4	14	11.6	1.74	0.76	4.72
Am90	Soil	602507	6618633	1.42	0.82	0.13	1.98	0.28	0.11	12	3.49	2.17	0.27	0.12	0.76
Am9	Soil	605389	6613536	3.05	1.64	0.08	3.93	0.58	0.23	21.4	5.99	4.16	0.61	0.24	1.61
Am89	Soil	602452	6618672	1.03	0.55	0.15	1.52	0.2	0.07	9.6	2.89	1.63	0.2	0.08	0.45
Am88	Soil	602399	6618702	1.6	0.9	0.13	2.33	0.31	0.12	14.5	4.57	2.48	0.31	0.14	0.86
Am87	Soil	602425	6618753	3.47	1.96	0.14	4.32	0.7	0.23	23.7	7.05	4.36	0.65	0.28	1.64
Am86	Soil	602357	6618777	1.54	0.81	0.16	2.19	0.29	0.11	13.6	4.03	2.46	0.3	0.11	0.74
Am85	Soil	602278	6618906	2.09	1.2	0.14	3.29	0.42	0.15	21.1	6.47	3.46	0.42	0.18	1.07
Am84	Soil	602174	6618934	3.49	1.94	0.19	4.72	0.7	0.25	25.8	7.93	4.54	0.68	0.29	1.79
Am83	Soil	602106	6618897	3.28	1.78	0.24	4.38	0.64	0.23	24.3	7.04	4.32	0.62	0.26	1.55
Am82	Soil	602007	6618886	1	0.58	0.2	1.44	0.2	0.07	9.5	2.79	1.75	0.2	0.08	0.5
Am81	Soil	601933	6618882	1.24	0.7	0.14	1.6	0.23	0.09	10.1	3.07	1.79	0.23	0.11	0.65
Am80	Soil	601761	6618819	4.6	2.6	0.2	5.4	0.92	0.32	27.9	8.2	5.64	0.84	0.37	2.21
Am8	Soil	605307	6613545	21.3	11.6	0.33	19.1	4.13	1.58	70.9	18.65	18	3.66	1.71	11.3
Am79	Soil	601794	6618740	1.5	0.84	0.2	2.13	0.29	0.11	13.7	4.07	2.34	0.29	0.12	0.75
Am78	Soil	601874	6618722	2.43	1.31	0.21	3.45	0.47	0.17	21.7	6.5	3.65	0.48	0.2	1.2
Am77	Soil	601991	6618713	1.85	0.96	0.22	2.72	0.34	0.12	17.5	5.2	3.04	0.37	0.14	0.82
Am76	Soil	602086	6618739	2.51	1.48	0.2	3.58	0.5	0.19	23.7	7.26	3.85	0.49	0.2	1.28
Am75	Soil	602171	6618692	2.14	1.22	0.15	3.13	0.43	0.17	20.3	6.34	3.3	0.41	0.18	1.14
Am74	Soil	602230	6618623	1.81	1.07	0.12	2.42	0.36	0.16	14.6	4.49	2.51	0.34	0.17	1.08
Am73	Soil	602297	6618567	1.41	0.82	0.14	2.03	0.28	0.1	11.1	3.21	1.96	0.27	0.11	0.73
Am72	Soil	602410	6618508	1.03	0.52	0.23	1.45	0.19	0.07	8.7	2.2	1.51	0.2	0.07	0.47
Am71	Soil	602522	6618431	1.2	0.67	0.18	1.62	0.23	0.08	9.6	2.59	1.71	0.23	0.09	0.58
Am70	Soil	602554	6618323	0.97	0.52	0.25	1.31	0.18	0.06	8	2.03	1.44	0.19	0.07	0.44
Am7	Soil	605297	6613452	8.9	4.62	0.21	9.2	1.69	0.62	41.7	11.25	8.78	1.55	0.69	4.52
Am69	Soil	602602	6618253	1.06	0.55	0.22	1.4	0.19	0.07	8.6	2.21	1.51	0.2	0.08	0.49

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

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Am68	Soil	602752	6618258	0.73	0.38	0.22	1.02	0.14	0.05	7.1	1.77	1.26	0.14	0.05	0.34
Am67	Soil	602878	6618130	0.92	0.49	0.2	1.28	0.18	0.06	8.7	2.28	1.48	0.17	0.07	0.44
Am66	Soil	602937	6618055	0.96	0.54	0.15	1.34	0.18	0.07	8.6	2.26	1.41	0.19	0.07	0.49
Am65	Soil	603024	6617993	1.05	0.52	0.19	1.45	0.19	0.06	8.8	2.5	1.5	0.21	0.07	0.44
Am64	Soil	603086	6617932	1.53	0.91	0.17	1.89	0.31	0.12	11.8	3.16	2.06	0.28	0.14	0.83
Am63	Soil	603142	6617813	2.16	1.13	0.21	2.58	0.39	0.13	15.4	4.14	2.75	0.38	0.16	0.99
Am62	Soil	603236	6617760	2.23	1.14	0.16	2.74	0.39	0.14	17.1	4.61	3.07	0.4	0.16	1.03
Am61	Soil	603278	6617677	2.54	1.21	0.24	2.91	0.44	0.14	16.7	4.37	3.18	0.46	0.17	1.1
Am60	Soil	603366	6617647	2.65	1.48	0.14	3.17	0.51	0.2	19.3	5.12	3.33	0.48	0.22	1.36
Am6	Soil	605537	6613458	6.82	3.74	0.13	7.51	1.3	0.5	29.5	7.81	6.63	1.24	0.54	3.63
Am59	Soil	603440	6617583	1.87	1	0.14	2.48	0.36	0.13	16.5	4.57	2.77	0.36	0.14	0.92
Am58	Soil	603454	6617486	1.29	0.68	0.14	1.8	0.24	0.08	11.1	2.97	1.88	0.26	0.09	0.61
Am57	Soil	603613	6617645	3.66	2.03	0.2	4.66	0.73	0.27	24.6	6.33	4.65	0.7	0.3	1.89
Am56	Soil	603665	6617595	2.7	1.49	0.21	3.43	0.52	0.18	21.6	5.66	3.79	0.51	0.21	1.29
Am55	Soil	603691	6617501	2.62	1.44	0.26	3.43	0.51	0.16	19.8	5.3	3.36	0.5	0.19	1.16
Am54	Soil	603716	6617408	1.32	0.76	0.13	1.6	0.25	0.11	10.1	2.62	1.7	0.24	0.12	0.76
Am53	Soil	603742	6617302	2.44	1.34	0.22	3.22	0.48	0.17	20.5	5.36	3.54	0.46	0.19	1.16
Am51	Soil	603809	6617150	2.41	1.29	0.21	3.08	0.45	0.16	17.9	4.77	3.01	0.45	0.19	1.18
Am50	Soil	603867	6617053	2.91	1.71	0.19	3.67	0.58	0.22	21.6	5.59	4.25	0.54	0.24	1.55
Am49	Soil	603951	6616965	5.83	3.1	0.37	6.79	1.14	0.34	36.4	9.12	6.99	1.04	0.4	2.49
Am48	Soil	604019	6616905	4.33	2.37	0.3	5.32	0.84	0.28	30.5	7.61	5.59	0.82	0.34	2.03
Am47	Soil	604089	6616814	2.82	1.56	0.23	3.36	0.55	0.19	20.3	5.05	3.71	0.5	0.22	1.46
Am46	Soil	604117	6616744	4.05	2.2	0.21	4.99	0.78	0.3	26.5	6.8	5.03	0.75	0.32	2.04
Am45	Soil	604174	6616658	3.86	2.23	0.16	5.06	0.73	0.28	29.2	7.71	5.43	0.72	0.32	2.02
Am44	Soil	604240	6616496	1.95	1.13	0.12	2.39	0.37	0.15	14.7	3.77	2.64	0.34	0.16	1.01
Am43	Soil	604278	6616427	3.62	1.96	0.17	4.33	0.7	0.25	26	6.81	4.61	0.66	0.28	1.75
Am42	Soil	604325	6616348	4.75	2.45	0.19	6.18	0.89	0.29	36.4	9.64	6.09	0.89	0.33	2.11
Am41	Soil	604383	6616258	3.8	2.09	0.13	5.25	0.73	0.25	32.6	8.8	5.32	0.73	0.28	1.8
Am40	Soil	604420	6616182	3.27	1.89	0.16	3.88	0.64	0.26	19.6	5.01	3.72	0.59	0.28	1.81
Am39	Soil	604441	6616077	3.92	1.93	0.17	4.62	0.73	0.24	24.5	6.53	4.75	0.71	0.28	1.75
Am38	Soil	604497	6615985	2.59	1.34	0.22	3.46	0.46	0.16	21.3	5.32	3.77	0.51	0.18	1.13

Atlin Horse 2007
Soil Sample Locations & REE Assay Highlights

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Am37	Soil	604536	6615885	3.09	1.76	0.12	3.69	0.61	0.22	20.7	5.95	3.73	0.55	0.25	1.57
Am36	Soil	604578	6615774	4.48	2.27	0.17	5.79	0.78	0.27	34.2	9.28	6.15	0.91	0.29	1.85
Am35	Soil	604591	6615657	3.78	2.03	0.14	4.19	0.75	0.27	20.4	5.5	4.15	0.7	0.31	2
Am34	Soil	604642	6615594	5.26	2.62	0.21	5.89	1	0.32	26.4	7.42	5.2	0.96	0.37	2.35
Am33	Soil	604721	6615484	4.15	2.31	0.15	4.82	0.81	0.32	21.4	5.85	4.39	0.78	0.34	2.24
Am32	Soil	604645	6615389	4.44	2.46	0.14	5.39	0.86	0.34	26.6	7.53	5.52	0.84	0.35	2.25
Am31	Soil	604681	6615300	2.93	1.62	0.09	3.53	0.57	0.22	17.5	4.97	3.52	0.56	0.24	1.48
Am30	Soil	604737	6615215	9	4.8	0.22	10.6	1.7	0.65	56.9	15.8	11.1	1.73	0.68	4.44
Am29	Soil	604784	6615130	2.46	1.36	0.09	3.24	0.47	0.19	16.3	4.63	3.25	0.48	0.2	1.3
Am28	Soil	604863	6615028	4.02	2.41	0.11	4.82	0.83	0.33	23.3	6.36	4.64	0.76	0.36	2.36
Am27	Soil	604914	6614922	2.84	1.55	0.12	3.43	0.55	0.2	18.4	5.25	3.45	0.56	0.22	1.46
Am26	Soil	605058	6614782	1.22	0.69	0.07	1.66	0.23	0.08	9.6	2.64	1.81	0.25	0.09	0.6
Am25	Soil	605126	6614712	5.26	2.84	0.19	5.94	0.99	0.36	27.8	7.68	5.79	0.95	0.4	2.62
Am24	Soil	605154	6614625	6.61	3.51	0.22	8.21	1.26	0.44	45.5	12.95	8.72	1.28	0.48	3.08
Am23	Soil	605209	6614536	16.2	8.5	0.44	16.5	3.09	1.11	76.7	20.9	17.2	2.89	1.23	8.17
Am22	Soil	605250	6614290	10.7	6	0.25	11.4	2.09	0.8	48.8	12.85	10.8	1.95	0.88	5.67
Am21	Soil	605256	6614184	4.61	2.38	0.13	5.36	0.87	0.35	25.6	7.1	5.44	0.87	0.35	2.4
Am20	Soil	605260	6614080	8.46	4.63	0.13	9.16	1.55	0.58	37.1	10.3	8.73	1.58	0.64	4.02
Am19	Soil	605252	6613904	11.4	6.57	0.07	9.29	2.29	0.84	29.3	7.31	7.95	1.84	0.97	5.91
Am18	Soil	605258	6613807	5.59	3.5	0.09	6.06	1.16	0.52	28.6	7.6	5.79	1.05	0.52	3.52
Am17	Soil	605350	6613758	5.18	2.92	0.1	5.68	0.98	0.4	26.6	7.38	5.42	0.95	0.43	2.9
Am16	Soil	605268	6613697	7.25	4.07	0.13	8.65	1.44	0.54	41.1	11.45	8.14	1.38	0.59	3.89
Am15	Soil	605200	6613627	24.3	12.6	0.4	21.6	4.58	1.81	82.3	21.1	21.1	4.16	1.87	12.9
Am14	Soil	605285	6613598	7.76	4.3	0.18	8.59	1.53	0.58	40.2	11.1	8.53	1.4	0.61	4.11
Am13	Soil	605384	6613607	3.33	1.89	0.09	4.18	0.66	0.27	20.8	5.71	4.1	0.66	0.28	1.72
Am12	Soil	605451	6613546	39.7	20.5	0.6	36.6	7.61	2.66	119.5	31.2	34.9	6.99	3.05	19.6
Am11	Soil	605519	6613483	26.3	13.6	0.39	26.3	5.03	1.61	112.5	31.2	26.3	4.8	1.81	11.65
Am10	Soil	605446	6613515	5.71	3.02	0.13	7.08	1.1	0.39	34.9	9.56	7.08	1.14	0.42	2.75
Am1	Soil	605215	6613205	12.7	6.87	0.24	12.9	2.49	0.89	57.1	15.65	12.1	2.25	0.96	6.16

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

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Am1	605215	6613205	12.65	6.87	0.24	12.9	2.49	0.89	57.1	15.65	12.05	2.25	0.96	6.16
Am10	605446	6613515	5.71	3.02	0.13	7.08	1.1	0.39	34.9	9.56	7.08	1.14	0.42	2.75
Am11	605519	6613483	26.3	13.6	0.39	26.3	5.03	1.61	112.5	31.2	26.3	4.8	1.81	11.65
Am12	605451	6613546	39.7	20.5	0.6	36.6	7.61	2.66	119.5	31.2	34.9	6.99	3.05	19.6
Am13	605384	6613607	3.33	1.89	0.09	4.18	0.66	0.27	20.8	5.71	4.1	0.66	0.28	1.72
Am14	605285	6613598	7.76	4.3	0.18	8.59	1.53	0.58	40.2	11.1	8.53	1.4	0.61	4.11
Am15	605200	6613627	24.3	12.55	0.4	21.6	4.58	1.81	82.3	21.1	21.1	4.16	1.87	12.9
Am16	605268	6613697	7.25	4.07	0.13	8.65	1.44	0.54	41.1	11.45	8.14	1.38	0.59	3.89
Am17	605350	6613758	5.18	2.92	0.1	5.68	0.98	0.4	26.6	7.38	5.42	0.95	0.43	2.9
Am18	605258	6613807	5.59	3.5	0.09	6.06	1.16	0.52	28.6	7.6	5.79	1.05	0.52	3.52
Am19	605252	6613904	11.4	6.57	0.07	9.29	2.29	0.84	29.3	7.31	7.95	1.84	0.97	5.91
Am2	605408	6613306	9.11	5	0.14	9.47	1.79	0.72	43.3	11.95	8.83	1.62	0.73	4.93
Am20	605260	6614080	8.46	4.63	0.13	9.16	1.55	0.58	37.1	10.3	8.73	1.58	0.64	4.02
Am21	605256	6614184	4.61	2.38	0.13	5.36	0.87	0.35	25.6	7.1	5.44	0.87	0.35	2.4
Am22	605250	6614290	10.65	6	0.25	11.35	2.09	0.8	48.8	12.85	10.8	1.95	0.88	5.67
Am23	605209	6614536	16.2	8.5	0.44	16.45	3.09	1.11	76.7	20.9	17.15	2.89	1.23	8.17
Am24	605154	6614625	6.61	3.51	0.22	8.21	1.26	0.44	45.5	12.95	8.72	1.28	0.48	3.08
Am25	605126	6614712	5.26	2.84	0.19	5.94	0.99	0.36	27.8	7.68	5.79	0.95	0.4	2.62
Am26	605058	6614782	1.22	0.69	0.07	1.66	0.23	0.08	9.6	2.64	1.81	0.25	0.09	0.6
Am27	604914	6614922	2.84	1.55	0.12	3.43	0.55	0.2	18.4	5.25	3.45	0.56	0.22	1.46
Am28	604863	6615028	4.02	2.41	0.11	4.82	0.83	0.33	23.3	6.36	4.64	0.76	0.36	2.36
Am29	604784	6615130	2.46	1.36	0.09	3.24	0.47	0.19	16.3	4.63	3.25	0.48	0.2	1.3
Am3	605505	6613345	21.9	11.75	0.32	22.1	4.36	1.48	88.7	24.1	22.6	4.03	1.7	10.45
Am30	604737	6615215	9	4.8	0.22	10.6	1.7	0.65	56.9	15.8	11.05	1.73	0.68	4.44
Am31	604681	6615300	2.93	1.62	0.09	3.53	0.57	0.22	17.5	4.97	3.52	0.56	0.24	1.48
Am32	604645	6615389	4.44	2.46	0.14	5.39	0.86	0.34	26.6	7.53	5.52	0.84	0.35	2.25
Am33	604721	6615484	4.15	2.31	0.15	4.82	0.81	0.32	21.4	5.85	4.39	0.78	0.34	2.24

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

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Am34	604642	6615594	5.26	2.62	0.21	5.89	1	0.32	26.4	7.42	5.2	0.96	0.37	2.35
Am35	604591	6615657	3.78	2.03	0.14	4.19	0.75	0.27	20.4	5.5	4.15	0.7	0.31	2
Am36	604578	6615774	4.48	2.27	0.17	5.79	0.78	0.27	34.2	9.28	6.15	0.91	0.29	1.85
Am37	604536	6615885	3.09	1.76	0.12	3.69	0.61	0.22	20.7	5.95	3.73	0.55	0.25	1.57
Am38	604497	6615985	2.59	1.34	0.22	3.46	0.46	0.16	21.3	5.32	3.77	0.51	0.18	1.13
Am39	604441	6616077	3.92	1.93	0.17	4.62	0.73	0.24	24.5	6.53	4.75	0.71	0.28	1.75
Am4	605573	6613337	8.16	4.77	0.15	9.24	1.63	0.64	39.5	10.7	8.66	1.53	0.7	4.56
Am40	604420	6616182	3.27	1.89	0.16	3.88	0.64	0.26	19.6	5.01	3.72	0.59	0.28	1.81
Am41	604383	6616258	3.8	2.09	0.13	5.25	0.73	0.25	32.6	8.8	5.32	0.73	0.28	1.8
Am42	604325	6616348	4.75	2.45	0.19	6.18	0.89	0.29	36.4	9.64	6.09	0.89	0.33	2.11
Am43	604278	6616427	3.62	1.96	0.17	4.33	0.7	0.25	26	6.81	4.61	0.66	0.28	1.75
Am44	604240	6616496	1.95	1.13	0.12	2.39	0.37	0.15	14.7	3.77	2.64	0.34	0.16	1.01
Am45	604174	6616658	3.86	2.23	0.16	5.06	0.73	0.28	29.2	7.71	5.43	0.72	0.32	2.02
Am46	604117	6616744	4.05	2.2	0.21	4.99	0.78	0.3	26.5	6.8	5.03	0.75	0.32	2.04
Am47	604089	6616814	2.82	1.56	0.23	3.36	0.55	0.19	20.3	5.05	3.71	0.5	0.22	1.46
Am48	604019	6616905	4.33	2.37	0.3	5.32	0.84	0.28	30.5	7.61	5.59	0.82	0.34	2.03
Am49	603951	6616965	5.83	3.1	0.37	6.79	1.14	0.34	36.4	9.12	6.99	1.04	0.4	2.49
Am5	605609	6613415	4.28	2.34	0.1	5.22	0.79	0.32	25.3	6.83	5.21	0.83	0.34	2.19
Am50	603867	6617053	2.91	1.71	0.19	3.67	0.58	0.22	21.6	5.59	4.25	0.54	0.24	1.55
Am51	603809	6617150	2.41	1.29	0.21	3.08	0.45	0.16	17.9	4.77	3.01	0.45	0.19	1.18
Am53	603742	6617302	2.44	1.34	0.22	3.22	0.48	0.17	20.5	5.36	3.54	0.46	0.19	1.16
Am54	603716	6617408	1.32	0.76	0.13	1.6	0.25	0.11	10.1	2.62	1.7	0.24	0.12	0.76
Am55	603691	6617501	2.62	1.44	0.26	3.43	0.51	0.16	19.8	5.3	3.36	0.5	0.19	1.16
Am56	603665	6617595	2.7	1.49	0.21	3.43	0.52	0.18	21.6	5.66	3.79	0.51	0.21	1.29
Am57	603613	6617645	3.66	2.03	0.2	4.66	0.73	0.27	24.6	6.33	4.65	0.7	0.3	1.89
Am58	603454	6617486	1.29	0.68	0.14	1.8	0.24	0.08	11.1	2.97	1.88	0.26	0.09	0.61
Am59	603440	6617583	1.87	1	0.14	2.48	0.36	0.13	16.5	4.57	2.77	0.36	0.14	0.92
Am6	605537	6613458	6.82	3.74	0.13	7.51	1.3	0.5	29.5	7.81	6.63	1.24	0.54	3.63
Am60	603366	6617647	2.65	1.48	0.14	3.17	0.51	0.2	19.3	5.12	3.33	0.48	0.22	1.36
Am61	603278	6617677	2.54	1.21	0.24	2.91	0.44	0.14	16.7	4.37	3.18	0.46	0.17	1.1

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

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Am62	603236	6617760	2.23	1.14	0.16	2.74	0.39	0.14	17.1	4.61	3.07	0.4	0.16	1.03
Am63	603142	6617813	2.16	1.13	0.21	2.58	0.39	0.13	15.4	4.14	2.75	0.38	0.16	0.99
Am64	603086	6617932	1.53	0.91	0.17	1.89	0.31	0.12	11.8	3.16	2.06	0.28	0.14	0.83
Am65	603024	6617993	1.05	0.52	0.19	1.45	0.19	0.06	8.8	2.5	1.5	0.21	0.07	0.44
Am66	602937	6618055	0.96	0.54	0.15	1.34	0.18	0.07	8.6	2.26	1.41	0.19	0.07	0.49
Am67	602878	6618130	0.92	0.49	0.2	1.28	0.18	0.06	8.7	2.28	1.48	0.17	0.07	0.44
Am68	602752	6618258	0.73	0.38	0.22	1.02	0.14	0.05	7.1	1.77	1.26	0.14	0.05	0.34
Am69	602602	6618253	1.06	0.55	0.22	1.4	0.19	0.07	8.6	2.21	1.51	0.2	0.08	0.49
Am7	605297	6613452	8.9	4.62	0.21	9.2	1.69	0.62	41.7	11.25	8.78	1.55	0.69	4.52
Am70	602554	6618323	0.97	0.52	0.25	1.31	0.18	0.06	8	2.03	1.44	0.19	0.07	0.44
Am71	602522	6618431	1.2	0.67	0.18	1.62	0.23	0.08	9.6	2.59	1.71	0.23	0.09	0.58
Am72	602410	6618508	1.03	0.52	0.23	1.45	0.19	0.07	8.7	2.2	1.51	0.2	0.07	0.47
Am73	602297	6618567	1.41	0.82	0.14	2.03	0.28	0.1	11.1	3.21	1.96	0.27	0.11	0.73
Am74	602230	6618623	1.81	1.07	0.12	2.42	0.36	0.16	14.6	4.49	2.51	0.34	0.17	1.08
Am75	602171	6618692	2.14	1.22	0.15	3.13	0.43	0.17	20.3	6.34	3.3	0.41	0.18	1.14
Am76	602086	6618739	2.51	1.48	0.2	3.58	0.5	0.19	23.7	7.26	3.85	0.49	0.2	1.28
Am77	601991	6618713	1.85	0.96	0.22	2.72	0.34	0.12	17.5	5.2	3.04	0.37	0.14	0.82
Am78	601874	6618722	2.43	1.31	0.21	3.45	0.47	0.17	21.7	6.5	3.65	0.48	0.2	1.2
Am79	601794	6618740	1.5	0.84	0.2	2.13	0.29	0.11	13.7	4.07	2.34	0.29	0.12	0.75
Am8	605307	6613545	21.3	11.6	0.33	19.05	4.13	1.58	70.9	18.65	18	3.66	1.71	11.3
Am80	601761	6618819	4.6	2.6	0.2	5.4	0.92	0.32	27.9	8.2	5.64	0.84	0.37	2.21
Am81	601933	6618882	1.24	0.7	0.14	1.6	0.23	0.09	10.1	3.07	1.79	0.23	0.11	0.65
Am82	602007	6618886	1	0.58	0.2	1.44	0.2	0.07	9.5	2.79	1.75	0.2	0.08	0.5
Am83	602106	6618897	3.28	1.78	0.24	4.38	0.64	0.23	24.3	7.04	4.32	0.62	0.26	1.55
Am84	602174	6618934	3.49	1.94	0.19	4.72	0.7	0.25	25.8	7.93	4.54	0.68	0.29	1.79
Am85	602278	6618906	2.09	1.2	0.14	3.29	0.42	0.15	21.1	6.47	3.46	0.42	0.18	1.07
Am86	602357	6618777	1.54	0.81	0.16	2.19	0.29	0.11	13.6	4.03	2.46	0.3	0.11	0.74
Am87	602425	6618753	3.47	1.96	0.14	4.32	0.7	0.23	23.7	7.05	4.36	0.65	0.28	1.64
Am88	602399	6618702	1.6	0.9	0.13	2.33	0.31	0.12	14.5	4.57	2.48	0.31	0.14	0.86
Am89	602452	6618672	1.03	0.55	0.15	1.52	0.2	0.07	9.6	2.89	1.63	0.2	0.08	0.45

Atlin Horse 2007
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Am9	605389	6613536	3.05	1.64	0.08	3.93	0.58	0.23	21.4	5.99	4.16	0.61	0.24	1.61
Am90	602507	6618633	1.42	0.82	0.13	1.98	0.28	0.11	12	3.49	2.17	0.27	0.12	0.76
Amst1	605197	6613422	26.5	15.65	0.34	23.4	5.28	2.25	77.7	20.5	23.2	4.46	2.49	15.75
Amst10	604199	6616550	22.4	13.85	0.68	26.1	4.65	1.68	123	34.1	26	4.06	1.97	11.05
Amst11	602675	6618243	6.88	4.56	0.71	6.58	1.47	0.67	26.7	6.74	6.18	1.17	0.69	4.15
Amst2	605284	6613303	16.8	9.72	0.29	16.25	3.38	1.26	70.5	19.7	17.15	2.96	1.46	8.83
Amst3	605399	6613483	28.5	16.75	0.44	25.2	5.73	2.18	87.4	23.1	27	4.88	2.53	15.9
Amst4	605198	6613420	34.7	19.45	0.59	32	6.57	2.54	142.5	38.5	34.9	5.89	3.09	18.6
Amst5	605329	6613624	23.7	12.7	0.36	21.4	4.51	1.75	84.8	22.9	22.4	4.14	1.96	12.05
Amst6	605237	6613991	17.75	11	0.27	16.7	3.72	1.27	64.6	17.2	16.5	3.1	1.55	8.83
Amst7	605227	6614404	8.57	4.63	0.22	10.25	1.64	0.57	54.2	16.2	11.35	1.65	0.72	4.07
Amst8	605003	6614846	9.22	4.99	0.24	11.1	1.76	0.58	59.2	17.4	12.15	1.78	0.74	4.28
Amst9	604873	6615080	14.9	8.43	0.36	15.4	2.9	1.08	74.7	21.7	15.85	2.61	1.24	7.45
Asl 1	605082	6613127	9.05	5.31	0.22	10.8	1.82	0.67	51.4	14	11.55	1.74	0.76	4.72
Asl 10	604997	6612455	21.2	11.7	0.45	24.1	4.16	1.36	107.5	28.2	25.9	3.95	1.63	9.83
Asl 11	604926	6612432	19.85	11	0.42	22.5	3.83	1.3	101.5	27.7	24.3	3.63	1.55	9.39
Asl 12	604854	6612496	9.7	5.57	0.16	11.65	1.94	0.63	55	15.1	11.8	1.82	0.79	4.63
Asl 13	604847	6612582	5.83	2.95	0.19	6.98	1.1	0.33	33.2	8.98	7.12	1.11	0.4	2.39
Asl 14	604844	6612664	14.25	7.73	0.27	17.35	2.73	0.86	80.5	22.7	17.9	2.7	1.05	6.2
Asl 15	604849	6612760	10.6	5.82	0.25	13.6	2.07	0.64	65.6	18.8	14.15	2.11	0.8	4.79
Asl 16	604852	6612855	4.05	2.3	0.13	5.18	0.8	0.27	25.1	7.08	5.2	0.79	0.32	1.94
Asl 17	604851	6612954	20.1	10.85	0.38	20.4	3.84	1.14	83.5	22.9	20.1	3.57	1.47	8.37
Asl 18	604830	6613055	22.5	12.5	0.43	21.9	4.52	1.38	80.9	21	21	3.95	1.72	9.87
Asl 19	604826	6613140	13.55	7.63	0.26	12.95	2.69	0.86	53.5	14.3	13.1	2.4	1.04	6.28
Asl 2	605054	6613044	12.2	7.22	0.26	12.3	2.51	0.91	52.7	14.65	12.15	2.18	1.07	6.49
Asl 20	604774	6613053	37.7	20.4	0.65	34.1	7.53	2.23	116	29.3	32.8	6.46	2.85	16.3
Asl 21	604983	6614689	8.12	4.65	0.3	10.45	1.62	0.56	53.6	14.8	10.95	1.57	0.66	3.91
Asl 22	604910	6614761	5.19	3.01	0.16	6.72	1.05	0.37	34.1	9.39	6.92	1	0.44	2.66
Asl 23	604849	6614842	6.4	3.85	0.2	8.14	1.3	0.48	41	11.45	8.47	1.22	0.56	3.47
Asl 24	604792	6614924	2.6	1.41	0.12	3.54	0.49	0.17	20.3	5.52	3.65	0.5	0.2	1.27

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Asl 25	604716	6615021	4.47	2.62	0.15	5.64	0.89	0.33	28	7.35	5.8	0.88	0.37	2.33
Asl 26	604672	6615117	6.77	3.76	0.17	8.29	1.32	0.47	43.3	11.8	8.75	1.33	0.53	3.34
Asl 27	604616	6615208	6.32	3.53	0.19	7.16	1.22	0.43	35.8	9.51	7.35	1.19	0.5	3.08
Asl 28	604573	6615290	8.36	4.76	0.23	11.25	1.65	0.56	60.6	16.65	11.35	1.65	0.65	4.1
Asl 29	604554	6615381	5.64	3.1	0.18	6.7	1.1	0.37	33.5	8.78	6.78	1.06	0.44	2.74
Asl 3	605045	6612963	8.7	4.92	0.25	9.66	1.7	0.61	42.3	11.4	9.6	1.58	0.72	4.33
Asl 30	603394	6617743	2.16	1.22	0.14	3.22	0.41	0.16	19.5	5.53	3.28	0.44	0.17	1.08
Asl 31	602734	6618396	7.57	4.23	0.27	10.35	1.51	0.51	57.4	16.2	10.25	1.49	0.59	3.67
Asl 32	602434	6618574	3.35	1.99	0.21	4.46	0.67	0.24	24.8	6.72	4.5	0.66	0.27	1.73
Asl 33	602338	6618621	2.77	1.65	0.26	3.9	0.56	0.21	22	5.88	3.86	0.56	0.23	1.4
Asl 34	602251	6618656	2.92	1.61	0.37	3.51	0.55	0.19	19.7	5.28	3.79	0.56	0.22	1.43
Asl 35	602156	6618764	2.05	1.24	0.15	3.06	0.41	0.16	19.2	5.53	3.13	0.42	0.17	1.1
Asl 4	605073	6612868	10.4	6.13	0.38	11.95	2.12	0.74	54.6	15.15	11.9	1.94	0.88	5.19
Asl 5	605059	6612788	20.4	11.1	0.57	23	3.97	1.28	95.8	25.6	23.8	3.88	1.53	9.05
Asl 6	605052	6612696	17.65	9.74	0.42	19	3.41	1.18	79.7	21.9	19.55	3.22	1.41	8.67
Asl 7	605047	6612610	25.5	14.55	0.54	26.2	5.04	1.8	105.5	28.5	27	4.63	2.14	12.85
Asl 8	605001	6612548	14.25	8.22	0.34	16.75	2.88	0.99	76.6	20.6	17.2	2.64	1.18	7.13
Asl 9	604928	6612502	13.5	7.55	0.3	15.85	2.65	0.87	74.5	20.6	15.95	2.53	1.05	6.19
Ast 1	605185	6613261	22.6	13.25	0.4	20.6	4.51	1.88	86.7	23.4	22.2	3.91	2.13	13.3
Ast 10	605163	6614137	9.35	5.36	0.15	10.9	1.86	0.64	57	16.8	11.45	1.78	0.77	4.53
Ast 11	605193	6614225	25.1	14.05	0.41	25	4.87	1.93	108.5	27.2	26.7	4.2	2.09	13.9
Ast 12	605157	6614317	14.7	8.31	0.29	14.4	2.84	1.12	62	16.55	15.1	2.44	1.21	8.08
Ast 13	605130	6614409	29.4	16.35	0.48	27.3	5.61	2.31	111.5	28.1	28.6	4.78	2.45	16.45
Ast 14	605104	6614507	12.95	6.94	0.24	14.7	2.41	0.9	73	19.3	15.7	2.24	1	6.6
Ast 15	605072	6614623	12.75	7.04	0.24	13.85	2.42	0.95	64.6	17.6	14.75	2.2	1.04	6.99
Ast 16	604604	6615275	12.5	6.83	0.19	13.15	2.33	0.87	56.3	15.15	13.2	2.08	0.98	6.43
Ast 17	604588	6615379	20.2	11.25	0.37	21.2	3.87	1.55	93.5	24.3	21.9	3.42	1.65	11.05
ast 18	604582	6615457	16	8.92	0.25	16.85	3.06	1.12	77.7	20.4	17.4	2.73	1.27	8.26
Ast 19	604577	6615525	19	10.1	0.35	22.5	3.53	1.28	117.5	31.5	24.4	3.37	1.42	9.32
Ast 2	605192	6613358	28.8	17.2	0.58	27.8	5.9	2.27	119	32.3	29.4	5.17	2.59	15.5

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Ast 20	604556	6615610	15.55	8.42	0.29	18.3	2.92	1.06	94.4	24.9	19.25	2.76	1.19	7.8
Ast 21	604528	6615719	16.35	9.06	0.3	18.35	3.2	1.3	88.3	25.7	19.7	2.92	1.31	8.72
Ast 22	604500	6615812	20.9	11.2	0.42	22.8	4.07	1.62	106.5	30.5	24.6	3.79	1.54	10.6
Ast 23	604464	6615901	15.65	8.21	0.32	17.9	2.93	1.1	92.6	26.7	20	2.76	1.14	7.68
Ast 24	604428	6616005	16.5	8.84	0.31	18.25	3.16	1.18	89.1	24.5	19.95	3	1.25	8.47
Ast 25	604392	6616104	19.85	11.4	0.35	20.4	3.85	1.66	103.5	29.2	23	3.44	1.67	11.2
Ast 26	604359	6616200	17.75	10	0.33	19.65	3.53	1.36	94.3	27.3	21	3.17	1.44	9.5
Ast 27	604312	6616288	20.5	11.45	0.39	22.4	3.97	1.64	108	31.2	24.3	3.61	1.68	10.85
Ast 28	604239	6616357	14	7.4	0.26	16.4	2.61	1.05	88.1	26.3	17.6	2.58	1.03	7.1
Ast 29	604228	6616453	15	8.44	0.28	17	2.74	1.16	84.8	24.9	18.45	2.72	1.27	8.33
Ast 3	605174	6613457	23.2	12.65	0.43	22	4.4	1.67	98	27.1	24.5	4.05	1.97	11.5
Ast 30	604161	6616542	16.05	8.73	0.35	18.95	3.15	1.17	93.2	27	20.2	3.04	1.21	8.27
Ast 31	604123	6616648	21.8	11.9	0.44	24.9	4.22	1.72	124.5	36.3	26.6	3.9	1.73	11.8
Ast 32	604077	6616747	15.45	8.4	0.34	19.75	3.08	1.17	108	31.2	23.2	3.04	1.18	7.78
Ast 33	603969	6616861	18.95	10.8	0.4	21	3.72	1.44	98.7	27.3	22.7	3.4	1.48	9.69
Ast 34	603920	6616925	16.8	8.86	0.35	18.45	3.18	1.25	87.7	24.6	19.7	2.98	1.32	8.64
Ast 35	603817	6616987	11	6.05	0.23	14.8	2.08	0.81	86.2	26.3	16.1	2.12	0.83	5.54
Ast 36	603749	6617074	13.05	7.23	0.3	16.2	2.5	0.97	89.6	27.1	18.6	2.48	1.01	6.54
Ast 37	603706	6617175	9.06	4.76	0.18	11.75	1.76	0.6	64.1	19.3	11.95	1.75	0.66	4.2
Ast 38	603670	6617278	8.96	4.67	0.23	12	1.68	0.62	78.1	23	14.1	1.77	0.65	4.31
Ast 39	603668	6617390	11.4	6.22	0.24	16.25	2.21	0.75	96.6	30	16.9	2.29	0.83	5.16
Ast 4	605168	6613547	23.9	14.1	0.45	23.1	4.78	1.71	97.7	27.1	24.8	4.25	2.09	12.65
Ast 40	603618	6617510	12.15	6.72	0.3	14.7	2.34	0.91	86.6	26.3	17	2.3	0.95	6.37
Ast 41	603571	6617618	14.1	7.95	0.36	18.8	2.71	1.08	106	32.2	20.2	2.78	1.12	7.6
Ast 42	603478	6617692	14.6	8.23	0.43	17.4	2.86	1.07	87.5	25.1	18.4	2.77	1.16	7.55
Ast 43	603350	6617772	10.25	5.38	0.32	12.6	1.96	0.67	66.7	19.45	13.5	1.95	0.76	4.79
Ast 44	603314	6617824	7.8	4.25	0.21	11.2	1.5	0.53	65.1	19.85	12.15	1.55	0.57	3.67
Ast 45	603248	6617887	11.55	6.46	0.29	13.95	2.2	0.89	77.5	23.4	15.4	2.11	0.93	6.14
Ast 46	603210	6617925	10.35	5.73	0.24	14	1.94	0.75	87.9	26.2	15.5	2.01	0.8	5.16
Ast 47	603169	6617981	8.41	4.68	0.2	11.8	1.64	0.58	68.5	20.6	12.35	1.62	0.66	4.19

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Ast 48	603135	6618057	11.9	6.72	0.3	15.3	2.33	0.85	81.9	23.8	15.65	2.21	0.93	6.01
Ast 49	603071	6618116	14.55	8.07	0.37	16.5	2.83	1.06	84.8	24.1	18.1	2.62	1.18	7.48
Ast 5	605163	6613658	21.4	13.2	0.4	21.2	4.46	1.63	86.8	24.2	21.5	3.8	1.94	11.7
Ast 50	603009	6618172	8.69	4.92	0.22	11	1.71	0.62	59.9	17.25	11.5	1.6	0.71	4.54
Ast 51	602966	6618245	9.94	5.69	0.27	12.9	1.96	0.7	68.9	20.1	13.4	1.9	0.81	5.11
Ast 52	602898	6618276	3.56	1.99	0.3	4.5	0.69	0.24	25.2	7.05	4.82	0.67	0.28	1.78
Ast 53	602828	6618326	10.2	5.78	0.3	12.8	2.01	0.75	66.4	18.85	12.85	1.88	0.82	5.36
Ast 54	602707	6618407	13.65	7.8	0.4	16	2.75	1.05	84.7	24.3	17.4	2.51	1.15	7.4
Ast 55	602601	6618486	17.65	10.4	0.72	19.1	3.59	1.41	88.4	22.7	19.85	3.11	1.45	9.52
Ast 56	601935	6618866	6.76	3.93	0.23	9.06	1.36	0.49	51.1	14.9	9.54	1.28	0.54	3.49
Ast 57	602019	6618858	10.25	5.9	0.3	13.4	2.04	0.76	74.5	21.9	14.05	1.95	0.84	5.33
Ast 58	602063	6618837	8.65	4.82	0.24	12.1	1.68	0.6	73.6	21.6	13	1.68	0.67	4.3
Ast 6	605179	6613754	5.91	3.58	0.11	6.63	1.23	0.46	31.5	8.77	6.94	1.11	0.53	3.26
Ast 7	605179	6613855	20.2	11.9	0.36	20.4	4.04	1.58	86.7	23.8	21.2	3.59	1.77	10.95
Ast 8	605177	6613960	12.25	6.96	0.2	13.4	2.41	0.87	70.5	19.8	14.25	2.23	0.98	6.15
Ast 9	605159	6614051	19.35	11.25	0.33	18.95	3.97	1.56	78.1	22.1	18.95	3.44	1.74	11.1
Bsls 1	605185	6613162	6.48	3.41	0.21	7.02	1.24	0.39	32.5	9.02	7.36	1.18	0.47	2.91
Bsls 10	605792	6613506	12.05	6.95	0.17	13.45	2.42	0.87	65.2	17.8	14.45	2.14	0.99	6.34
Bsls 11	605713	6613526	8.79	4.92	0.14	9.9	1.73	0.62	47.4	12.85	10.75	1.59	0.72	4.53
Bsls 12	605676	6613617	8.51	4.88	0.17	9.86	1.66	0.63	47.3	12.75	10.2	1.55	0.71	4.51
Bsls 13	605590	6613653	11.9	6.5	0.28	12.85	2.34	0.75	55.5	14.55	12.95	2.12	0.9	5.38
Bsls 14	605502	6613650	8.74	5.02	0.21	10.05	1.73	0.63	49.6	13.8	10.25	1.58	0.73	4.56
Bsls 15	605424	6613689	4	2.45	0.08	4.71	0.83	0.35	22.5	5.95	4.8	0.73	0.38	2.47
Bsls 16	605372	6613796	4.91	2.92	0.09	5.68	0.98	0.37	27.7	7.62	5.8	0.89	0.43	2.61
Bsls 17	605358	6613889	12.8	7.43	0.25	13.15	2.54	0.98	55.6	14.65	12.9	2.22	1.12	7.02
Bsls 18	605324	6614000	6.73	3.71	0.14	7.91	1.32	0.46	35.3	9.32	8.02	1.24	0.54	3.38
Bsls 19	605305	6614115	4.82	2.68	0.13	5.89	0.95	0.33	27.9	7.53	5.96	0.89	0.36	2.33
Bsls 2	605293	6613168	7.57	4.31	0.19	8.74	1.48	0.55	43.1	11.4	9.22	1.36	0.63	3.98
Bsls 20	605317	6614212	17.15	9.44	0.42	17.05	3.35	1.08	70.9	18.4	17.1	2.99	1.33	7.96
Bsls 21	605324	6614319	4.73	2.71	0.14	5.77	0.93	0.33	28.1	7.77	5.81	0.87	0.38	2.39

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

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Bsls 22	605309	6614416	8.97	5.21	0.23	10.5	1.84	0.68	48.8	12.75	10.6	1.61	0.76	4.81
Bsls 23	605297	6614522	4.5	2.68	0.14	5.79	0.91	0.36	27.6	7.54	5.85	0.84	0.39	2.51
Bsls 24	605264	6614626	10.65	5.75	0.31	12.25	2.07	0.64	61.3	17.1	12.95	1.97	0.78	4.77
Bsls 25	605210	6614716	3.86	2.3	0.13	5.14	0.78	0.31	25.1	6.83	5.33	0.74	0.35	2.19
Bsls 26	605168	6614805	5.46	2.94	0.19	6.68	1.07	0.36	34.5	9.53	6.8	1.01	0.41	2.53
Bsls 27	605051	6614904	1.4	0.79	0.09	1.8	0.28	0.09	9.5	2.67	1.87	0.26	0.11	0.7
Bsls 28	604989	6614975	2.75	1.52	0.1	3.5	0.54	0.2	17.7	4.78	3.65	0.52	0.22	1.41
Bsls 29	604930	6615031	4.5	2.51	0.15	5.38	0.86	0.31	25.3	6.97	5.53	0.83	0.36	2.25
Bsls 3	605407	6613204	10.05	5.69	0.21	11.45	1.98	0.7	56.1	15.3	12.35	1.85	0.81	5.06
Bsls 30	604912	6615131	3.87	2.19	0.13	4.64	0.76	0.29	22.4	6.1	4.81	0.72	0.32	2.03
Bsls 31	604881	6615203	2.2	1.29	0.08	2.75	0.43	0.17	14.3	4.04	2.86	0.42	0.19	1.2
Bsls 32	604837	6615284	2.9	1.63	0.12	3.57	0.57	0.21	18.3	4.96	3.75	0.54	0.23	1.42
Bsls 33	604793	6615352	10.35	6.01	0.29	11.85	2.1	0.73	57.6	15.9	12.4	1.87	0.86	5.28
Bsls 34	604760	6615398	6.89	3.88	0.23	7.65	1.32	0.51	36.2	9.56	7.95	1.23	0.59	3.64
Bsls 35	604733	6615448	4.78	2.54	0.15	5.75	0.91	0.31	28.7	7.94	6.11	0.89	0.35	2.21
Bsls 36	604700	6615516	7.23	3.95	0.21	8.83	1.4	0.47	47.1	12.75	9.31	1.35	0.55	3.4
Bsls 37	604668	6615582	2.56	1.46	0.14	3.18	0.5	0.19	16.8	4.7	3.38	0.47	0.2	1.33
Bsls 38	604626	6615470	1.29	0.7	0.08	2.07	0.24	0.1	10.9	2.9	2.52	0.27	0.1	0.69
Bsls 39	604631	6615546	3.91	2.23	0.13	4.28	0.79	0.27	19.9	5.42	4.39	0.7	0.32	1.95
Bsls 4	605498	6613244	6.9	3.8	0.09	8.75	1.34	0.44	48.4	13.45	9.84	1.32	0.53	3.23
Bsls 40	604532	6615559	6.24	3.5	0.24	7.82	1.21	0.43	42	11.6	8.09	1.17	0.5	3.08
Bsls 41	604494	6615646	3.24	1.94	0.19	3.92	0.66	0.27	19.2	5.03	4.1	0.58	0.28	1.82
Bsls 42	604443	6615724	8.86	4.96	0.4	11.4	1.71	0.6	58.2	15.5	11.9	1.69	0.68	4.25
Bsls 43	604418	6615821	3.08	1.87	0.16	3.54	0.64	0.25	17.7	4.9	3.45	0.56	0.28	1.75
Bsls 44	604387	6615917	1.47	0.88	0.12	1.92	0.3	0.11	10.1	2.78	1.92	0.28	0.12	0.78
Bsls 45	604365	6616026	7.91	4.23	0.42	10.2	1.55	0.49	53.4	14.3	10.6	1.5	0.58	3.58
Bsls 46	604309	6616113	3.08	1.81	0.21	4.17	0.62	0.24	22.9	6.34	4.39	0.6	0.26	1.64
Bsls 47	604250	6616242	2.22	1.27	0.16	2.93	0.43	0.17	16.2	4.55	2.98	0.41	0.18	1.15
Bsls 48	604198	6616329	2.72	1.58	0.2	3.67	0.54	0.2	21	5.81	4	0.51	0.22	1.4
Bsls 49	604153	6616412	2.07	1.13	0.2	3.11	0.39	0.14	19	5.37	3.43	0.41	0.15	0.96

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

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Bsls 5	605605	6613258	9.89	5.66	0.19	11.95	1.97	0.73	62.3	17.65	12.9	1.85	0.83	5.24
Bsls 50	604109	6616498	2.64	1.32	0.25	3.57	0.48	0.14	22.6	6.29	4.31	0.51	0.17	1.03
Bsls 51	604065	6616589	2.63	1.53	0.1	2.88	0.53	0.2	14.7	3.96	3.06	0.45	0.22	1.4
Bsls 52	604022	6616671	2.27	1.23	0.19	2.9	0.43	0.15	17.6	4.89	3.42	0.43	0.17	1.11
Bsls 53	603972	6616736	2.04	1.2	0.17	2.63	0.41	0.16	15.3	4.15	2.96	0.38	0.17	1.12
Bsls 54	603913	6616818	2.47	1.39	0.18	3.4	0.48	0.18	21.9	6.31	3.87	0.47	0.19	1.25
Bsls 55	603855	6616881	2.4	1.37	0.19	3.06	0.46	0.17	18.6	5.12	3.54	0.45	0.19	1.18
Bsls 56	603772	6616922	2.98	1.66	0.24	3.63	0.57	0.21	21.4	5.83	4.09	0.53	0.24	1.51
Bsls 57	603709	6616986	1.8	1	0.15	2.63	0.35	0.13	16.7	4.86	2.85	0.34	0.14	0.9
Bsls 58	603712	6617076	4.08	2.31	0.24	6.03	0.8	0.27	39.6	11.6	6.3	0.78	0.31	1.87
Bsls 59	603653	6617201	1.73	0.97	0.17	2.35	0.34	0.13	14.5	3.95	2.79	0.33	0.14	0.93
Bsls 6	605684	6613279	13.35	7.56	0.21	16.3	2.62	0.89	86.9	24.9	17.65	2.45	1.05	6.59
Bsls 60	603636	6617271	3.96	2.37	0.27	5.32	0.78	0.3	31.2	8.49	5.47	0.73	0.34	2.13
Bsls 61	603629	6617348	2.01	1.12	0.15	2.55	0.39	0.15	15.2	4.2	2.95	0.36	0.17	1.04
Bsls 62	603606	6617394	2.87	1.73	0.15	3.53	0.57	0.23	21.3	6.07	3.92	0.51	0.26	1.53
Bsls 63	603585	6617479	2.05	1.21	0.17	2.77	0.4	0.16	17.7	4.96	3.21	0.39	0.18	1.11
Bsls 64	603516	6617565	3.22	1.82	0.29	3.89	0.63	0.23	21.8	5.95	4.37	0.59	0.26	1.66
Bsls 65	603432	6617629	2.16	1.21	0.13	3	0.41	0.15	19.2	5.52	3.43	0.4	0.17	1.07
Bsls 66	603357	6617661	1.72	0.99	0.13	2.24	0.32	0.12	14.4	4.08	2.63	0.31	0.14	0.87
Bsls 67	603289	6617733	1.98	1.2	0.16	2.5	0.39	0.15	14.6	4.12	2.78	0.37	0.17	1.08
Bsls 68	603208	6617797	2.63	1.49	0.27	3.3	0.5	0.18	19.1	5.17	3.79	0.47	0.21	1.33
Bsls 69	603143	6617876	1.4	0.84	0.13	1.84	0.27	0.12	11.9	3.35	2.17	0.26	0.13	0.8
Bsls 7	605774	6613342	6.45	3.51	0.1	8.29	1.22	0.41	48.4	13.55	9.45	1.21	0.49	3.06
Bsls 70	603103	6617965	1.17	0.69	0.13	1.62	0.22	0.09	11	3.21	1.94	0.22	0.1	0.66
Bsls 71	603048	6618052	0.97	0.55	0.19	1.52	0.19	0.07	9.8	2.72	1.79	0.19	0.07	0.48
Bsls 72	602971	6618133	1.56	0.95	0.17	2.28	0.3	0.12	15.3	4.44	2.56	0.3	0.13	0.83
Bsls 73	602931	6618211	1.29	0.75	0.2	1.84	0.25	0.09	11.9	3.32	2.11	0.25	0.11	0.65
Bsls 74	602836	6618253	0.96	0.49	0.22	1.46	0.18	0.06	9.7	2.66	1.75	0.19	0.07	0.41
Bsls 75	602752	6618310	0.74	0.42	0.17	1.11	0.14	0.05	7.1	1.92	1.34	0.15	0.06	0.39
Bsls 76	602659	6618372	0.75	0.41	0.19	1.12	0.14	0.05	7.1	1.89	1.35	0.15	0.06	0.35

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Bsls 77	602569	6618453	0.95	0.55	0.2	1.35	0.18	0.07	8.4	2.24	1.58	0.18	0.08	0.48
Bsls 78	602472	6618509	0.94	0.52	0.2	1.3	0.18	0.07	8.1	2.15	1.49	0.18	0.07	0.46
Bsls 79	602393	6618567	1.83	1.05	0.13	2.9	0.35	0.13	20.4	5.91	3.41	0.37	0.15	0.93
Bsls 8	605806	6613434	8.6	4.88	0.12	10.5	1.69	0.57	54.3	14.9	11.45	1.59	0.68	4.16
Bsls 80	602291	6618597	0.96	0.54	0.15	1.44	0.18	0.07	9.3	2.55	1.68	0.19	0.07	0.47
Bsls 81	602243	6618666	1.17	0.7	0.11	1.61	0.23	0.09	10.4	2.95	1.84	0.22	0.1	0.61
Bsls 82	602184	6618745	1.2	0.69	0.11	1.79	0.23	0.09	12.1	3.56	2	0.23	0.1	0.64
Bsls 83	602087	6618766	1.77	1.07	0.13	2.49	0.35	0.14	17.1	4.98	2.78	0.34	0.15	0.94
Bsls 84	601983	6618760	3.86	2.26	0.23	6.39	0.76	0.29	40	12.3	6.47	0.81	0.31	1.95
Bsls 85	601883	6618759	2.76	1.66	0.24	4.19	0.56	0.22	25.9	7.44	4.28	0.56	0.23	1.48
Bsls 86	601782	6618796	1.53	0.9	0.14	2.72	0.3	0.11	18.5	5.61	2.9	0.33	0.12	0.76
Bsls 87	601913	6618930	1.61	0.96	0.15	2.53	0.32	0.12	16.5	4.89	2.76	0.33	0.13	0.82
Bsls 88	602014	6618952	1.5	0.85	0.25	2.24	0.29	0.11	13.1	3.81	2.31	0.3	0.12	0.73
Bsls 89	602109	6618961	2.01	1.15	0.2	2.81	0.4	0.15	18.2	5.31	3.18	0.4	0.16	1.01
Bsls 9	605872	6613532	17.85	9.19	0.33	19	3.42	0.97	88.6	24.3	21	3.15	1.23	7.11
Bsls 90	602206	6618990	1.5	0.85	0.14	2.41	0.29	0.11	15.1	4.48	2.64	0.32	0.12	0.73
Bsls 91	602315	6619001	1.6	0.96	0.14	2.36	0.31	0.12	14.9	4.34	2.52	0.32	0.14	0.8
Bsls 92	602417	6619020	1.14	0.64	0.16	1.86	0.22	0.08	11.9	3.49	2.05	0.24	0.09	0.54
Bsls 93	602509	6618996	1.02	0.57	0.14	1.84	0.19	0.07	11.9	3.53	2.03	0.23	0.08	0.52
Bsls 94	602554	6618889	1.26	0.73	0.18	1.92	0.24	0.1	11.1	3.08	2.05	0.26	0.1	0.66
Bsls 95	602644	6618783	1.88	1.07	0.23	3.01	0.36	0.13	18.2	5.25	3.11	0.4	0.15	0.92
Bsls 96	602764	6618645	5.04	2.87	0.27	7.61	0.96	0.33	46	14.05	7.83	1.03	0.4	2.4
Bsts 1	605352	6613183	41.2	23	0.68	39.8	8.07	3.11	154	39.1	42.7	7.23	3.45	22.6
Bsts 2	604444	6615724	19.05	10.55	0.54	21.9	3.71	1.28	108.5	30.4	24.2	3.56	1.43	9.05
Bsts 3	604360	6616008	6.89	3.72	0.35	8.89	1.35	0.45	46.9	13.05	9.43	1.31	0.5	3.13
Bsts 4	603654	6616993	9.53	5.26	0.3	13.35	1.84	0.65	78.5	22.8	14	1.84	0.73	4.74
Bsts 5	603687	6617066	11.7	6.47	0.35	16.35	2.27	0.82	100.5	29.1	18.15	2.32	0.89	5.71
Bsts 6	603696	6617158	8.73	4.73	0.27	12.85	1.69	0.56	77.5	22.9	13.6	1.73	0.65	4.11
Slt 1	605135	6613046	29.2	16.2	0.6	26.8	5.76	2.2	97.1	25.8	25.9	4.93	2.59	15.7
Slt 10	604772	6612522	14	7.72	0.28	16.45	2.82	0.88	76.4	21.5	16.5	2.57	1.09	6.32

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Slt 11	604765	6612613	24.6	12.55	0.41	26.8	4.65	1.25	111	32.2	26.8	4.62	1.75	9.71
Slt 12	604766	6612702	5.69	2.9	0.11	7.04	1.06	0.33	38.1	10.75	7.52	1.1	0.41	2.4
Slt 13	604774	6612794	13.9	7.17	0.3	15.3	2.62	0.84	69.7	19.3	16.75	2.53	1.06	6.25
Slt 14	604774	6612890	18.35	10.05	0.4	22.6	3.63	1.1	103.5	30.4	22	3.49	1.42	8.27
Slt 15A	604772	6612982	15.5	7.9	0.31	16.35	2.95	0.84	71.2	20.7	15.7	2.83	1.08	6.2
SLT 16	604708	6613113	14.2	7.12	0.29	13.15	2.71	0.72	45.1	12.5	11.2	2.36	0.97	5.39
SLT 17	604769	6613197	11.3	6.45	0.23	11.75	2.3	0.7	45.2	12.45	10.2	1.98	0.94	5.15
SLT 18	604875	6613196	40.3	22.8	0.61	33.7	8.07	2.54	111	28.6	33	6.62	3.4	19.35
SLT 19	605032	6613257	12.75	7.03	0.29	12.1	2.52	0.86	45.3	12.6	11.6	2.16	1.01	6.12
Slt 2	605140	6612923	14.8	7.84	0.37	14.25	2.91	0.95	57.6	15.25	14.5	2.56	1.13	6.91
SLT 20	605093	6613327	31	16.55	0.6	30.2	5.88	2.05	109	28.5	31	5.63	2.55	14.8
SLT 21	605079	6613430	14.7	8.51	0.28	13.65	2.96	0.95	49.1	13.6	12.7	2.61	1.22	6.93
SLT 22	605078	6613532	6.13	3.64	0.17	6.64	1.27	0.45	30.1	8.41	6.6	1.11	0.55	3.31
SLT 23	605079	6613641	9.22	5.09	0.22	9.23	1.82	0.6	39.1	10.9	8.48	1.62	0.75	4.35
SLT 24	605084	6613741	5.15	3.17	0.13	5.37	1.04	0.44	22.6	6.39	4.93	0.92	0.5	2.93
SLT 25	605053	6613819	4.59	2.69	0.15	4.98	0.94	0.35	25.4	7.29	5.24	0.82	0.41	2.36
SLT 26	605105	6613903	9.2	5.35	0.28	9.82	1.84	0.68	43.5	12.25	9.86	1.67	0.8	4.78
SLT 27	605080	6614003	4.14	2.49	0.13	5.49	0.82	0.33	31	8.63	6.09	0.8	0.37	2.24
SLT 28	605062	6614108	5.47	3.27	0.17	6.73	1.08	0.43	35.8	10.3	7.16	1.06	0.49	3.01
SLT 29	605097	6614203	6.01	3.36	0.13	7.29	1.18	0.4	38.3	11.05	7.21	1.13	0.5	2.72
Slt 3	605129	6612780	7.52	4.21	0.22	7.74	1.5	0.55	33.7	9.31	7.7	1.27	0.66	4.07
SLT 30	605062	6614303	5.57	3.3	0.15	6.03	1.12	0.42	29.2	8.18	6.29	1.05	0.5	2.97
SLT 31	605032	6614412	23.6	12.8	0.44	27	4.6	1.2	123	33.8	26.3	4.45	1.71	9.01
SLT 32	605010	6614506	6.2	3.59	0.2	7.26	1.24	0.41	43.4	11.85	8.22	1.15	0.51	2.87
SLT 33	604962	6614621	11.8	6.58	0.27	12.95	2.23	0.87	59.5	16.3	13.55	2.18	0.97	5.91
Slt 4	605124	6612683	6.77	3.78	0.34	8.57	1.33	0.46	42.2	11.6	8.41	1.31	0.54	3.27
Slt 5	605112	6612593	3.92	2.05	0.22	4.71	0.74	0.26	25.6	7.27	5.3	0.73	0.3	1.78
Slt 6	605098	6612457	11.4	6.52	0.38	14.2	2.26	0.78	68.6	19.95	14.1	2.14	0.94	5.56
Slt 7	605032	6612399	7.36	4.11	0.16	8.85	1.45	0.5	44.2	12.8	9.11	1.33	0.61	3.57
Slt 8	604956	6612354	13.65	6.55	0.35	16	2.54	0.7	69.1	19.25	16.5	2.53	0.92	5.33

Atlin Horse 2007
Silt Sample Locations & REE Analysis Highlights

Sample ID	Easting	Northing	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)
Slt 9	604868	6612380	13.6	7.62	0.2	15.15	2.75	0.89	68	19.5	14.6	2.4	1.09	6.33
STT 34	605056	6614700	11.95	6.66	0.23	12.25	2.37	0.88	50.8	13.25	12.6	2.11	0.99	6.38
STT 35	604993	6614787	18.2	10.15	0.34	17.7	3.55	1.39	76.3	20.9	19	3.15	1.5	9.87
STT 36	604928	6614857	16.45	9.3	0.26	15.8	3.31	1.24	64	17.1	16.5	2.86	1.36	8.9
STT 37	604868	6614949	8.84	4.99	0.15	8.89	1.75	0.65	39	10.5	9.21	1.52	0.74	4.79
STT 38	604818	6615027	6.81	3.96	0.12	7.01	1.36	0.51	32.7	8.95	7.31	1.18	0.58	3.71
STT 39	604772	6615098	12.4	6.85	0.22	13.15	2.38	0.88	62.6	17.1	13.5	2.16	1	6.42
STT 40	604713	6615199	17.1	9.7	0.31	18.05	3.35	1.24	83.4	23.4	19.25	2.95	1.4	9.12

APPENDIX C

SAMPLING METHOD

SOIL SAMPLING METHOD

The crew, not previously trained in exploration but with plenty of experience with tree planting, was asked to sample the first horizon below both the humus layer and decomposing organic layer. The sampling procedure was explained and it was demonstrated that the layer below is, in most cases, considered the B-horizon and that this should always be the preferred sample. This red-orange brown soil horizon was to be collected free of decomposed organics, roots and large stones. If a proper sample was not available, they were instructed to keep walking while testing the soil. It was also explained to them that the freedom to wander and test the ground is tolerated as the GPS has given them a great advantage. No longer is a sampler restricted to a predetermined sample site. The B-Horizon on the property was reported to range between 25-45cm for all samples. All samples were collected in bown paper kraft bags as recommended by most analytical laboratories. The analytical procedures are outlined in Appendix E.

SILT SAMPLING METHOD

All silt samples consisted of the best sandy material available from behind large boulders, or at the end of sand bars, every 75 to 100 metres over the entire length of Horse Creek. As with soil sampling, the crew was advised to avoid decomposed organics as much as possible. Occasionally, small tributaries of Horse Creek were sampled. All samples were collected in brown paper kraft bags and set out to dry thoroughly before shipping.

APPENDIX D

ANALYSIS CERTIFICATES & PROCEDURES

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

To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 22-MAR-2008
Account: FUTMET

CERTIFICATE VA08018154

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 20 Sediment samples submitted to our lab in Vancouver, BC, Canada on 14-FEB-2008.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 22-MAR-2008
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA08018154

Sample Description	Method Analyte Units LOR	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	Rh-MS25 Rh ppm 0.001
AMST 1		0.006	<0.001	0.003
AMST 4		0.005	<0.001	<0.001
AMST 5		<0.005	<0.001	<0.001
AMST 6		<0.005	<0.001	<0.001
AMST 10		0.009	0.001	<0.001
AST 13		0.005	0.001	NSS
AST 17		<0.005	<0.001	<0.001
AST 19		<0.005	0.001	0.002
AST 20		0.006	0.002	0.002
AST 22		<0.005	0.001	0.003
AST 25		0.010	0.001	0.001
AST 26		<0.005	0.001	0.001
AST 27		0.005	0.002	0.002
AST 31		<0.005	0.003	0.001
AST 33		<0.005	0.002	0.004
AST 42		<0.005	<0.001	0.001
AST 55		<0.005	0.001	0.001
BSTS 1		<0.005	<0.001	<0.001
STT 36		NSS	NSS	NSS
STT 40		<0.005	0.001	0.001

***** See Appendix Page for comments regarding this certificate *****

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

To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 13-MAR-2008
Account: FUTMET

CERTIFICATE VA08018155

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 30 Soil samples submitted to our lab in Vancouver, BC, Canada on 14-FEB-2008.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 13-MAR-2008
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA08018155

Sample Description	Method / Analyte / Units / LOR	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	Rh-MS25 Rh ppm 0.001
BSLS 5		<0.005	<0.001	<0.001
BSLS 6		<0.005	<0.001	<0.001
BSLS 9		<0.005	<0.001	<0.001
BSLS 12		<0.005	<0.001	<0.001
BSLS 13		<0.005	<0.001	<0.001
BSLS 17		<0.005	<0.001	<0.001
BSLS 42		<0.005	<0.001	<0.001
BSLS 71		<0.005	0.001	<0.001
BSLS 72		<0.005	0.001	<0.001
BSLS 73		<0.005	<0.001	<0.001
BSLS 74		<0.005	0.001	<0.001
BSLS 75		<0.005	0.001	<0.001
BSLS 76		<0.005	0.001	<0.001
BSLS 77		<0.005	0.001	<0.001
BSLS 78		<0.005	0.001	<0.001
ASL 5		<0.005	<0.001	NSS
ASL 6		<0.005	<0.001	<0.001
ASL 7		NSS	NSS	NSS
ASL 10		<0.005	<0.001	<0.001
ASL 11		<0.005	<0.001	<0.001
ASL 14		<0.005	0.001	<0.001
ASL 17		NSS	NSS	NSS
ASL 18		NSS	NSS	NSS
ASL 20		NSS	NSS	NSS
ASL 21		<0.005	<0.001	<0.001
ASL 22		<0.005	<0.001	<0.001
ASL 27		<0.005	<0.001	<0.001
ASL 28		<0.005	<0.001	<0.001
ASL 32		<0.005	<0.001	<0.001
ASL 33		<0.005	<0.001	<0.001

***** See Appendix Page for comments regarding this certificate *****

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

To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 13-MAR-2008
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA08018155

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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

CERTIFICATE VA08018156

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 32 Soil samples submitted to our lab in Vancouver, BC, Canada on 14-FEB-2008.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manage

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

CERTIFICATE VA08018156

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 32 Soil samples submitted to our lab in Vancouver, BC, Canada on 14-FEB-2008.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manage

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 22-MAR-2008
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA08018156

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	Rh-MS25 Rh ppm 0.001
AM 1			<0.005	0.001	0.002
AM 3			<0.005	<0.001	0.003
AM 8			<0.005	<0.001	<0.001
AM 11			<0.005	<0.001	<0.001
AM 12			<0.005	<0.001	0.001
AM 15			<0.005	<0.001	NSS
AM 23			<0.005	0.001	NSS
AM 38			<0.005	<0.001	0.001
AM 39			<0.005	<0.001	<0.001
AM 49			<0.005	<0.001	NSS
AM 52		Not Recvd			
AM 57			<0.005	<0.001	<0.001
AM 62			<0.005	0.001	<0.001
AM 63			<0.005	0.001	<0.001
AM 67			<0.005	<0.001	<0.001
AM 68			<0.005	0.001	<0.001
AM 69			<0.005	<0.001	<0.001
AM 70			<0.005	0.001	<0.001
AM 71			<0.005	0.001	<0.001
AM 72			<0.005	<0.001	<0.001
AM 82			<0.005	<0.001	<0.001
AM 83			<0.005	<0.001	NSS
SLT 1			<0.005	<0.001	<0.001
SLT 2			<0.005	0.005	<0.001
SLT 11			<0.005	<0.001	<0.001
SLT 14			<0.005	0.001	<0.001
SLT 18			<0.005	<0.001	<0.001
SLT 20			<0.005	0.001	<0.001
SLT 21			<0.005	<0.001	NSS
SLT 24			<0.005	0.002	NSS
SLT 31			<0.005	<0.001	<0.001
SLT 33			<0.005	<0.001	<0.001

***** See Appendix Page for comments regarding this certificate *****

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
This copy reported on 7-SEP-2007
Account: FUTMET

CERTIFICATE VA07089988

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 124 Soil samples submitted to our lab in Vancouver, BC, Canada on 2-AUG-2007.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41r	51 anal.+REE aqua regia ICPMS	
Au-AA23	Au 30g FA-AA finish	AAS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Lawrence Ng, Laboratory Manager - Vancouver

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
AM 1		0.62	<0.005	<0.01	1.98	6.5	<0.2	<10	70	5.54	0.56	0.14	0.92	158.50	4.1	15
AM 2		0.88	<0.005	<0.01	1.20	2.9	<0.2	<10	30	3.17	0.29	0.09	0.39	112.00	1.6	4
AM 3		0.60	<0.005	0.06	1.34	8.9	<0.2	<10	50	4.89	0.56	0.15	1.22	179.50	2.4	7
AM 4		0.72	<0.005	0.07	1.54	16.0	<0.2	<10	50	3.64	0.64	0.17	0.96	126.00	1.7	5
AM 5		0.78	<0.005	0.05	1.21	7.3	<0.2	<10	50	2.40	1.00	0.08	0.82	88.40	1.9	5
AM 6		0.88	<0.005	0.07	0.88	4.1	<0.2	<10	30	2.42	0.61	0.07	0.82	84.30	1.7	7
AM 7		0.74	<0.005	0.05	1.72	6.4	<0.2	<10	40	3.31	0.80	0.09	1.50	115.50	3.7	11
AM 8		0.68	<0.005	0.03	2.32	15.6	<0.2	<10	50	6.22	1.18	0.13	2.01	217.00	5.2	9
AM 9		0.76	<0.005	<0.01	0.91	3.4	<0.2	<10	20	1.53	0.57	0.03	0.18	57.20	1.1	4
AM 10		0.82	<0.005	0.05	1.15	4.0	<0.2	<10	50	2.30	0.49	0.08	0.80	88.60	1.9	5
AM 11		0.82	<0.005	0.06	1.72	10.3	<0.2	<10	70	7.20	0.74	0.16	2.79	260.00	4.1	9
AM 12		0.68	<0.005	0.13	3.30	13.4	<0.2	<10	80	10.10	0.98	0.12	2.05	236.00	5.5	13
AM 13		0.86	<0.005	0.06	0.89	3.8	<0.2	<10	40	2.01	0.70	0.04	0.99	57.90	1.2	5
AM 14		0.92	<0.005	0.05	1.56	4.6	<0.2	<10	50	3.32	0.61	0.06	0.75	100.50	2.6	10
AM 15		0.72	<0.005	0.48	3.11	8.2	<0.2	<10	70	12.60	1.30	0.16	3.79	191.00	3.5	13
AM 16		0.86	<0.005	<0.01	0.98	3.5	<0.2	<10	30	2.53	0.66	0.05	0.83	121.00	1.7	4
AM 17		0.88	<0.005	0.01	0.79	3.7	<0.2	<10	20	1.45	0.62	0.04	0.36	71.80	1.2	5
AM 18		0.74	<0.005	<0.01	0.67	3.2	<0.2	<10	30	1.69	0.97	0.08	0.70	68.40	1.7	4
AM 19		0.80	<0.005	<0.01	1.20	6.0	<0.2	<10	20	2.34	0.54	0.22	0.42	70.70	0.9	2
AM 20		0.90	<0.005	<0.01	1.07	4.0	<0.2	<10	30	2.95	0.63	0.07	0.45	103.50	1.6	5
AM 21		0.70	<0.005	0.04	1.02	4.0	<0.2	<10	40	2.15	0.59	0.08	0.39	63.00	1.6	5
AM 22		0.72	<0.005	<0.01	1.64	5.5	<0.2	<10	60	3.74	0.63	0.11	0.54	130.00	3.0	9
AM 23		0.68	<0.005	0.11	2.85	13.1	<0.2	<10	110	5.23	0.88	0.10	0.66	191.00	5.6	16
AM 24		0.80	<0.005	0.03	1.44	5.1	<0.2	<10	60	2.93	0.49	0.05	0.37	121.00	3.0	9
AM 25		0.76	<0.005	0.11	1.63	5.2	<0.2	<10	60	2.10	0.44	0.04	0.27	75.00	3.3	13
AM 26		0.60	<0.005	0.05	0.47	1.1	<0.2	<10	20	0.41	0.23	0.02	0.04	24.00	0.6	3
AM 27		0.62	<0.005	0.09	0.96	4.4	<0.2	<10	30	1.21	0.55	0.03	0.17	49.30	2.1	12
AM 28		0.78	<0.005	0.02	1.28	4.0	<0.2	<10	50	2.40	0.87	0.05	0.34	66.60	1.6	6
AM 29		0.70	<0.005	0.13	0.74	4.0	<0.2	<10	30	1.15	1.78	0.04	0.11	52.40	1.4	6
AM 30		0.64	<0.005	0.02	1.83	5.2	<0.2	<10	60	4.15	0.92	0.07	0.48	161.50	2.5	5
AM 31		0.82	<0.005	0.05	0.96	3.3	<0.2	<10	20	1.30	0.55	0.03	0.12	50.50	1.0	4
AM 32		0.76	<0.005	0.01	1.33	8.1	<0.2	<10	50	2.38	1.03	0.07	0.23	84.90	2.1	7
AM 33		0.68	<0.005	0.02	1.26	4.4	<0.2	<10	60	2.42	0.74	0.04	0.19	79.00	3.4	9
AM 34		0.54	<0.005	0.14	1.70	4.6	<0.2	<10	50	2.32	0.64	0.03	0.23	105.50	3.3	15
AM 35		0.64	0.005	0.02	1.11	9.0	<0.2	<10	40	1.86	0.60	0.04	0.19	70.00	2.1	10
AM 36		0.68	<0.005	0.05	1.16	2.9	<0.2	<10	40	1.81	0.51	0.03	0.22	94.60	2.2	5
AM 37		0.62	<0.005	0.07	1.21	2.3	<0.2	<10	50	1.07	0.48	0.14	0.33	70.10	1.3	3
AM 38		0.62	<0.005	0.29	1.74	5.3	<0.2	<10	120	2.24	0.82	0.05	0.47	85.60	19.3	34
AM 39		0.70	<0.005	0.06	1.49	5.0	<0.2	<10	40	1.47	0.64	0.04	0.15	81.90	3.2	13
AM 40		0.80	<0.005	0.02	1.65	5.4	<0.2	<10	70	1.43	1.01	0.04	0.18	110.50	3.7	15

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
AM 1		9.37	11.7	2.66	10.80	0.15	0.12	0.03	0.130	0.22	69.2	52.8	0.20	505	2.30	0.01
AM 2		9.39	6.4	1.93	8.61	0.14	0.08	0.01	0.125	0.22	54.1	28.7	0.11	273	0.37	0.01
AM 3		12.65	16.8	2.56	11.35	0.23	0.16	0.02	0.336	0.24	86.3	47.0	0.16	304	0.83	0.01
AM 4		13.90	21.3	2.98	12.85	0.14	0.07	0.03	0.291	0.28	43.5	38.1	0.13	294	1.08	0.01
AM 5		16.15	11.1	2.42	13.35	0.13	0.04	0.04	0.336	0.30	33.4	32.0	0.11	430	1.26	0.01
AM 6		7.83	8.7	1.76	9.19	0.09	0.07	0.04	0.174	0.15	32.6	22.1	0.09	205	0.88	<0.01
AM 7		10.75	41.2	2.52	9.48	0.14	0.11	0.07	0.364	0.23	45.8	44.4	0.19	302	0.95	0.01
AM 8		14.55	52.5	3.53	17.20	0.17	0.15	0.04	0.403	0.27	72.3	39.4	0.15	1460	2.36	0.01
AM 9		11.20	13.9	1.80	16.40	0.10	0.07	0.02	0.112	0.16	25.3	22.2	0.07	145	0.72	0.01
AM 10		10.85	24.5	2.09	11.15	0.12	0.06	0.08	0.147	0.24	44.1	36.2	0.10	310	0.76	0.01
AM 11		12.70	18.3	2.75	12.65	0.27	0.21	0.04	0.280	0.30	110.5	47.0	0.20	731	0.95	0.01
AM 12		15.70	58.7	3.59	16.25	0.29	0.27	0.04	0.317	0.34	100.5	71.0	0.22	985	1.47	0.01
AM 13		10.10	16.1	1.60	12.40	0.10	0.04	0.02	0.113	0.18	26.5	22.9	0.07	144	1.33	0.01
AM 14		11.05	33.3	2.24	10.55	0.12	0.06	0.02	0.168	0.23	46.6	42.5	0.16	231	0.99	0.01
AM 15		12.40	41.7	2.84	14.10	0.23	0.17	0.08	0.451	0.24	80.4	56.1	0.16	618	2.54	0.01
AM 16		8.13	19.8	1.69	7.80	0.12	0.11	0.04	0.141	0.19	49.3	36.0	0.09	199	0.60	0.01
AM 17		6.01	13.0	1.27	6.77	0.08	0.05	0.02	0.091	0.12	32.0	20.2	0.07	116	0.47	0.01
AM 18		5.36	10.6	1.24	6.25	0.09	0.12	0.02	0.066	0.13	35.7	23.0	0.08	140	0.38	0.01
AM 19		7.67	7.0	1.47	8.13	0.12	0.27	0.01	0.065	0.21	29.1	20.0	0.05	175	0.27	0.01
AM 20		8.32	12.9	1.68	8.23	0.13	0.08	0.01	0.115	0.19	41.0	32.4	0.09	172	0.50	0.01
AM 21		11.70	11.2	1.81	11.70	0.12	0.07	0.03	0.115	0.23	30.5	24.8	0.09	139	0.91	0.01
AM 22		11.35	17.2	2.45	11.00	0.15	0.13	0.02	0.168	0.26	55.8	46.8	0.17	302	0.62	0.01
AM 23		17.05	22.3	3.73	17.20	0.20	0.15	0.06	0.227	0.38	88.8	62.4	0.27	588	1.18	0.02
AM 24		8.44	9.2	1.99	10.90	0.12	0.08	0.04	0.114	0.17	59.8	36.0	0.12	200	0.61	0.01
AM 25		8.51	8.8	2.41	12.00	0.09	0.06	0.04	0.099	0.15	34.7	29.3	0.15	225	0.88	0.01
AM 26		4.75	3.4	0.60	5.53	<0.05	<0.02	0.03	0.029	0.07	11.8	4.0	0.03	47	0.41	0.01
AM 27		6.19	6.7	2.02	11.85	0.07	0.07	0.05	0.062	0.10	24.8	10.2	0.07	155	1.31	0.01
AM 28		9.09	10.2	2.11	10.25	0.10	0.09	0.02	0.114	0.20	30.0	39.0	0.11	153	1.27	0.01
AM 29		10.70	12.9	1.69	16.90	0.11	0.07	0.03	0.075	0.18	21.3	12.9	0.07	139	0.87	0.01
AM 30		11.95	13.2	2.78	13.10	0.17	0.17	0.05	0.160	0.26	67.5	70.3	0.12	224	0.68	0.01
AM 31		7.36	6.8	1.64	11.45	0.07	0.05	0.02	0.078	0.11	22.7	19.2	0.06	91	0.57	0.01
AM 32		13.85	11.3	2.53	14.35	0.11	0.08	0.03	0.116	0.22	34.8	35.4	0.12	299	0.90	0.01
AM 33		9.27	9.7	2.56	12.80	0.07	0.09	0.03	0.095	0.22	26.1	26.6	0.13	639	0.83	0.01
AM 34		7.28	10.6	2.60	12.25	0.08	0.06	0.05	0.083	0.14	40.0	21.3	0.15	266	1.46	0.01
AM 35		6.04	7.9	2.26	9.83	0.07	0.07	0.01	0.073	0.15	26.3	25.7	0.12	173	1.53	0.01
AM 36		7.30	7.2	1.79	8.65	0.11	0.05	0.03	0.078	0.17	42.6	26.3	0.10	279	0.74	0.01
AM 37		7.58	6.1	2.07	9.05	0.09	0.02	0.03	0.087	0.23	30.9	14.4	0.08	118	0.86	0.01
AM 38		7.02	11.7	5.88	23.60	0.10	0.11	0.12	0.098	0.15	24.5	19.3	0.16	2670	2.05	0.01
AM 39		8.40	8.5	2.97	13.15	0.09	0.10	0.04	0.098	0.15	30.4	23.2	0.12	245	1.18	0.01
AM 40		9.03	11.0	3.07	15.90	0.09	0.06	0.03	0.090	0.20	23.5	33.0	0.18	257	2.18	0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

ALS Chemex

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ALS Canada Ltd.

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
AM 1		12.50	11.2	380	30.2	86.7	0.001	0.03	0.48	4.4	1.6	5.2	8.5	0.02	0.02	33.3
AM 2		5.07	2.7	220	13.2	78.2	<0.001	0.01	0.18	3.0	1.0	5.1	4.3	0.01	0.01	29.6
AM 3		11.35	4.8	280	30.9	103.0	<0.001	0.03	0.38	3.5	2.8	6.6	7.2	0.03	0.03	22.3
AM 4		11.20	3.1	270	25.1	110.5	<0.001	0.03	0.51	3.7	1.0	7.7	7.8	0.01	0.01	24.2
AM 5		11.70	3.0	570	19.4	184.5	<0.001	0.07	0.40	2.7	0.8	7.3	5.7	0.01	0.03	7.5
AM 6		7.41	3.2	570	24.0	71.9	<0.001	0.06	0.32	1.7	1.0	3.9	4.2	0.02	0.01	7.4
AM 7		13.85	9.0	490	28.3	92.1	<0.001	0.02	0.35	3.8	1.2	6.7	6.0	0.02	0.02	37.4
AM 8		9.26	4.8	590	30.8	145.0	0.001	0.07	0.56	3.4	2.7	10.4	8.0	0.03	0.04	27.5
AM 9		14.85	1.9	150	10.6	85.7	<0.001	0.02	0.34	2.7	0.4	8.6	2.6	0.01	0.02	24.2
AM 10		14.95	3.4	400	16.6	106.0	<0.001	0.05	0.40	3.2	1.1	7.4	5.2	0.02	0.02	23.4
AM 11		14.00	7.2	500	32.0	109.0	0.001	0.05	0.42	4.0	3.2	6.2	8.5	0.03	0.02	31.3
AM 12		13.15	9.5	720	35.0	159.0	0.001	0.09	0.43	4.4	4.9	8.5	9.1	0.05	0.03	34.9
AM 13		11.30	2.7	290	13.0	111.0	<0.001	0.03	0.28	2.4	0.7	6.6	4.0	0.01	0.02	10.0
AM 14		9.48	5.9	310	17.2	101.0	<0.001	0.02	0.29	3.3	1.0	7.6	5.3	0.01	0.01	20.1
AM 15		14.05	9.0	500	26.0	111.0	0.001	0.07	0.41	4.0	3.2	9.0	9.7	0.03	0.02	28.8
AM 16		13.40	3.0	200	14.5	69.9	<0.001	0.01	0.41	3.0	1.0	5.2	3.4	0.02	0.02	35.0
AM 17		7.75	2.7	290	12.3	59.7	<0.001	0.02	0.24	1.6	0.8	4.9	3.0	0.01	0.02	14.3
AM 18		11.35	3.6	120	11.7	52.2	<0.001	0.01	0.26	2.0	0.7	4.9	4.1	0.01	0.01	28.4
AM 19		16.50	1.9	110	13.0	70.9	<0.001	0.01	0.13	1.5	1.3	6.3	5.2	0.02	0.01	65.3
AM 20		9.81	2.7	250	13.8	72.1	<0.001	0.01	0.19	2.8	1.0	5.7	3.6	0.01	0.01	32.1
AM 21		13.45	3.6	220	10.6	184.0	<0.001	0.02	0.31	3.2	0.6	7.6	6.7	0.01	0.02	12.6
AM 22		13.65	6.1	240	20.7	97.4	<0.001	0.02	0.24	4.6	1.3	7.6	6.5	0.02	0.01	39.9
AM 23		16.85	12.4	650	33.0	144.0	<0.001	0.04	0.41	6.7	2.2	10.3	10.9	0.02	0.03	42.8
AM 24		13.25	6.8	310	14.9	80.3	<0.001	0.02	0.27	3.5	1.0	5.9	5.8	0.02	0.02	27.8
AM 25		11.55	7.6	290	16.4	82.2	<0.001	0.03	0.46	2.9	0.9	5.4	5.5	0.01	0.02	12.3
AM 26		2.71	1.5	270	5.1	41.5	<0.001	0.02	0.15	0.5	0.4	4.0	3.6	<0.01	0.01	0.9
AM 27		11.00	4.4	390	22.6	55.9	<0.001	0.03	0.32	1.7	0.6	5.2	4.3	0.01	0.02	9.6
AM 28		14.85	3.1	140	17.0	90.1	<0.001	0.01	0.16	3.5	0.6	6.5	5.1	0.01	0.01	19.2
AM 29		16.40	2.5	290	11.2	115.5	<0.001	0.02	0.25	3.0	0.4	9.2	4.0	0.01	0.02	17.2
AM 30		23.60	4.0	270	18.5	121.0	<0.001	0.02	0.25	5.2	1.4	8.3	8.0	0.07	0.02	49.0
AM 31		11.65	1.7	180	10.8	60.8	<0.001	0.02	0.17	2.4	0.7	5.6	3.0	0.01	0.01	12.4
AM 32		18.10	4.8	230	17.2	122.0	<0.001	0.02	0.26	4.3	0.7	8.1	5.2	0.01	0.02	30.4
AM 33		12.75	5.7	200	16.7	115.0	<0.001	0.02	0.26	3.6	0.7	6.0	5.1	0.01	0.02	36.4
AM 34		8.70	8.3	740	19.1	70.3	<0.001	0.07	0.32	2.0	1.1	4.4	5.4	0.01	0.03	6.3
AM 35		10.50	4.3	220	16.5	57.6	<0.001	0.01	0.25	2.5	0.5	4.9	3.8	0.01	0.02	17.1
AM 36		8.55	4.2	360	17.3	69.5	<0.001	0.03	0.20	1.9	0.8	3.9	5.3	0.01	0.01	5.9
AM 37		9.07	2.3	760	11.5	79.9	<0.001	0.03	0.15	1.8	0.6	4.8	7.3	0.01	0.02	3.1
AM 38		17.05	14.4	2150	31.9	86.6	<0.001	0.03	0.42	3.3	0.8	6.3	7.9	0.02	0.03	23.9
AM 39		17.10	6.4	360	35.6	86.6	<0.001	0.02	0.27	3.3	1.0	5.1	5.4	0.02	0.02	23.8
AM 40		14.05	9.8	270	19.2	92.7	<0.001	0.02	0.31	3.7	0.6	5.4	6.7	0.01	0.02	12.2

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
AM 1		0.087	0.77	25.70	20	1.73	64.80	200	1.7	12.65	6.87	0.24	12.90	2.49	0.89	57.1
AM 2		0.069	0.65	13.20	9	1.37	47.30	114	1.3	9.11	5.00	0.14	9.47	1.79	0.72	43.3
AM 3		0.083	0.80	23.10	16	2.29	113.00	300	1.0	21.90	11.75	0.32	22.10	4.36	1.48	88.7
AM 4		0.065	0.89	13.00	12	2.94	43.10	251	0.6	8.16	4.77	0.15	9.24	1.63	0.64	39.5
AM 5		0.080	1.02	7.40	16	2.60	18.55	203	0.5	4.28	2.34	0.10	5.22	0.79	0.32	25.3
AM 6		0.072	0.53	13.05	15	1.55	32.60	160	0.9	6.82	3.74	0.13	7.51	1.30	0.50	29.5
AM 7		0.087	0.93	10.20	18	3.00	41.50	784	1.7	8.90	4.62	0.21	9.20	1.69	0.62	41.7
AM 8		0.066	1.21	53.50	22	4.17	111.00	354	0.5	21.30	11.60	0.33	19.05	4.13	1.58	70.9
AM 9		0.099	1.01	4.69	18	1.95	13.20	89	1.4	3.05	1.64	0.08	3.93	0.58	0.23	21.4
AM 10		0.095	0.81	7.96	13	1.61	27.80	122	0.8	5.71	3.02	0.13	7.08	1.10	0.39	34.9
AM 11		0.108	0.96	27.10	19	2.47	141.50	279	1.6	26.30	13.60	0.39	26.30	5.03	1.61	112.5
AM 12		0.098	1.16	64.60	23	3.98	192.00	420	0.9	39.70	20.50	0.60	36.60	7.61	2.66	119.5
AM 13		0.077	0.73	5.82	13	3.30	16.50	105	0.7	3.33	1.89	0.09	4.18	0.66	0.27	20.8
AM 14		0.080	0.94	10.65	16	3.23	36.70	250	0.6	7.76	4.30	0.18	8.59	1.53	0.58	40.2
AM 15		0.076	0.99	58.40	18	4.72	113.00	864	0.9	24.30	12.55	0.40	21.60	4.58	1.81	82.3
AM 16		0.066	0.65	6.80	8	8.16	37.80	152	1.6	7.25	4.07	0.13	8.65	1.44	0.54	41.1
AM 17		0.047	0.50	7.59	8	2.61	24.50	84	<0.5	5.18	2.92	0.10	5.68	0.98	0.40	26.6
AM 18		0.046	0.48	5.57	7	3.73	33.90	73	2.3	5.59	3.50	0.09	6.06	1.16	0.52	28.6
AM 19		0.045	0.61	10.70	3	1.44	53.20	65	5.2	11.40	6.57	0.07	9.29	2.29	0.84	29.3
AM 20		0.065	0.65	8.44	8	2.97	41.40	107	1.1	8.46	4.63	0.13	9.16	1.55	0.58	37.1
AM 21		0.083	0.91	7.16	14	2.27	21.90	91	1.2	4.61	2.38	0.13	5.36	0.87	0.35	25.6
AM 22		0.106	0.91	11.50	16	2.58	56.20	157	2.2	10.65	6.00	0.25	11.35	2.09	0.80	48.8
AM 23		0.148	1.26	22.50	28	3.36	82.70	223	2.5	16.20	8.50	0.44	16.45	3.09	1.11	76.7
AM 24		0.079	0.66	7.41	16	1.93	40.60	84	1.1	6.61	3.51	0.22	8.21	1.26	0.44	45.5
AM 25		0.108	0.67	5.51	28	1.52	24.80	90	1.1	5.26	2.84	0.19	5.94	0.99	0.36	27.8
AM 26		0.028	0.20	1.93	8	0.62	5.62	19	<0.5	1.22	0.69	0.07	1.66	0.23	0.08	9.6
AM 27		0.164	0.39	5.16	31	1.23	13.40	54	2.0	2.84	1.55	0.12	3.43	0.55	0.20	18.4
AM 28		0.095	0.72	7.64	12	3.22	23.50	95	1.7	4.02	2.41	0.11	4.82	0.83	0.33	23.3
AM 29		0.140	1.10	4.22	18	3.50	10.40	57	1.5	2.46	1.36	0.09	3.24	0.47	0.19	16.3
AM 30		0.122	0.93	9.38	14	1.94	47.50	108	2.6	9.00	4.80	0.22	10.60	1.70	0.65	56.9
AM 31		0.073	0.50	3.91	13	1.82	13.40	49	0.8	2.93	1.62	0.09	3.53	0.57	0.22	17.5
AM 32		0.110	1.15	6.59	19	2.30	22.30	94	1.6	4.44	2.46	0.14	5.39	0.86	0.34	26.6
AM 33		0.110	0.77	6.02	22	1.82	19.25	93	1.7	4.15	2.31	0.15	4.82	0.81	0.32	21.4
AM 34		0.109	0.53	9.33	29	2.05	24.70	78	1.3	5.26	2.62	0.21	5.89	1.00	0.32	26.4
AM 35		0.115	0.48	5.36	22	1.57	18.15	70	1.5	3.78	2.03	0.14	4.19	0.75	0.27	20.4
AM 36		0.074	0.49	4.28	13	1.45	21.40	75	0.7	4.48	2.27	0.17	5.79	0.78	0.27	34.2
AM 37		0.070	0.50	2.92	11	0.91	16.40	56	<0.5	3.09	1.76	0.12	3.69	0.61	0.22	20.7
AM 38		0.532	0.48	4.47	98	0.82	12.15	185	5.8	2.59	1.34	0.22	3.46	0.46	0.16	21.3
AM 39		0.189	0.58	4.73	34	1.46	18.05	73	3.7	3.92	1.93	0.17	4.62	0.73	0.24	24.5
AM 40		0.185	0.66	3.90	37	1.54	16.45	97	1.9	3.27	1.89	0.16	3.88	0.64	0.26	19.6

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
AM 1		15.65	12.05	2.25	0.96	6.16
AM 2		11.95	8.83	1.62	0.73	4.93
AM 3		24.10	22.60	4.03	1.70	10.45
AM 4		10.70	8.66	1.53	0.70	4.56
AM 5		6.83	5.21	0.83	0.34	2.19
AM 6		7.81	6.63	1.24	0.54	3.63
AM 7		11.25	8.78	1.55	0.69	4.52
AM 8		18.65	18.00	3.66	1.71	11.30
AM 9		5.99	4.16	0.61	0.24	1.61
AM 10		9.56	7.08	1.14	0.42	2.75
AM 11		31.20	26.30	4.80	1.81	11.65
AM 12		31.20	34.90	6.99	3.05	19.60
AM 13		5.71	4.10	0.66	0.28	1.72
AM 14		11.10	8.53	1.40	0.61	4.11
AM 15		21.10	21.10	4.16	1.87	12.90
AM 16		11.45	8.14	1.38	0.59	3.89
AM 17		7.38	5.42	0.95	0.43	2.90
AM 18		7.60	5.79	1.05	0.52	3.52
AM 19		7.31	7.95	1.84	0.97	5.91
AM 20		10.30	8.73	1.58	0.64	4.02
AM 21		7.10	5.44	0.87	0.35	2.40
AM 22		12.85	10.80	1.95	0.88	5.67
AM 23		20.90	17.15	2.89	1.23	8.17
AM 24		12.95	8.72	1.28	0.48	3.08
AM 25		7.68	5.79	0.95	0.40	2.62
AM 26		2.64	1.81	0.25	0.09	0.60
AM 27		5.25	3.45	0.56	0.22	1.46
AM 28		6.36	4.64	0.76	0.36	2.36
AM 29		4.63	3.25	0.48	0.20	1.30
AM 30		15.80	11.05	1.73	0.68	4.44
AM 31		4.97	3.52	0.56	0.24	1.48
AM 32		7.53	5.52	0.84	0.35	2.25
AM 33		5.85	4.39	0.78	0.34	2.24
AM 34		7.42	5.20	0.96	0.37	2.35
AM 35		5.50	4.15	0.70	0.31	2.00
AM 36		9.28	6.15	0.91	0.29	1.85
AM 37		5.95	3.73	0.55	0.25	1.57
AM 38		5.32	3.77	0.51	0.18	1.13
AM 39		6.53	4.75	0.71	0.28	1.75
AM 40		5.01	3.72	0.59	0.28	1.81

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
AM 41		0.80	<0.005	0.03	0.94	2.7	<0.2	<10	60	1.39	0.60	0.07	0.24	102.00	1.8	5
AM 42		0.80	<0.005	0.03	1.30	3.0	<0.2	<10	70	1.68	0.83	0.05	0.30	116.50	2.5	6
AM 43		0.70	<0.005	0.01	1.43	4.5	<0.2	<10	80	2.01	0.78	0.08	0.49	89.70	2.9	7
AM 44		0.68	<0.005	0.04	0.96	2.8	<0.2	<10	80	1.12	0.44	0.15	0.38	46.50	2.5	8
AM 45		0.68	<0.005	0.02	1.19	4.9	<0.2	<10	50	1.85	0.69	0.07	0.37	98.80	2.9	8
AM 46		0.72	<0.005	0.05	1.69	5.2	<0.2	<10	100	2.00	0.87	0.10	0.43	113.00	4.6	14
AM 47		0.72	<0.005	0.03	1.46	4.3	<0.2	<10	80	1.54	1.28	0.09	1.33	47.20	5.7	20
AM 48		0.90	<0.005	0.02	1.82	7.0	<0.2	<10	100	1.77	1.24	0.14	0.50	84.20	7.6	29
AM 49		0.72	<0.005	0.16	2.59	3.8	<0.2	<10	230	2.61	0.36	0.21	0.42	115.00	7.5	12
AM 50		0.62	0.014	0.04	1.81	4.4	<0.2	<10	120	1.57	0.78	0.09	0.32	61.20	4.5	13
AM 51		0.68	<0.005	0.14	1.92	4.4	<0.2	<10	80	1.21	0.65	0.08	0.36	54.70	4.8	17
AM 52		Not Recvd														
AM 53		0.70	<0.005	0.07	1.53	6.8	<0.2	<10	70	1.16	0.55	0.08	0.75	55.00	6.5	34
AM 54		0.62	<0.005	0.05	0.99	3.7	<0.2	<10	80	0.66	0.46	0.05	0.26	31.50	2.8	9
AM 55		0.80	0.014	0.06	1.61	7.7	<0.2	<10	110	1.30	0.66	0.17	0.28	60.90	7.1	28
AM 56		0.82	0.006	0.05	1.24	5.0	<0.2	<10	100	1.28	0.76	0.15	0.37	58.70	5.2	17
AM 57		0.66	<0.005	0.08	1.75	10.0	<0.2	<10	60	2.28	0.95	0.06	0.73	75.80	4.4	16
AM 58		0.54	<0.005	0.04	1.13	2.8	<0.2	<10	50	0.79	0.63	0.03	0.45	29.40	4.7	19
AM 59		0.60	0.005	0.02	1.13	3.7	<0.2	<10	40	0.84	0.90	0.04	0.28	46.90	3.7	17
AM 60		0.58	0.007	0.01	1.10	5.0	<0.2	<10	60	1.25	1.16	0.08	0.62	51.00	3.4	15
AM 61		0.54	<0.005	0.02	3.44	5.4	<0.2	<10	60	1.55	0.62	0.04	0.55	42.00	10.2	56
AM 62		0.68	0.007	0.01	1.54	4.7	<0.2	<10	50	1.12	0.48	0.09	0.38	49.80	8.3	54
AM 63		0.62	<0.005	0.04	2.14	5.3	<0.2	<10	80	1.23	0.57	0.07	0.61	43.70	6.9	53
AM 64		0.60	0.005	0.02	1.66	4.5	<0.2	<10	100	0.96	0.42	0.06	0.37	30.40	6.7	38
AM 65		0.58	0.018	0.15	1.36	3.7	<0.2	<10	150	0.98	0.54	0.08	0.62	30.30	25.4	54
AM 66		0.68	0.007	0.15	1.21	4.6	<0.2	<10	60	0.53	0.55	0.10	0.48	22.90	7.5	70
AM 67		0.64	0.009	0.07	1.65	6.5	<0.2	<10	80	0.77	0.24	0.14	0.75	22.10	14.7	98
AM 68		0.76	0.011	0.09	0.99	3.6	<0.2	<10	90	0.24	0.15	0.16	0.58	17.20	11.3	97
AM 69		0.62	0.014	0.14	1.14	5.0	<0.2	<10	110	0.36	0.15	0.20	0.12	21.30	10.7	83
AM 70		0.70	0.014	0.17	1.74	6.0	<0.2	<10	180	0.47	0.22	0.30	0.63	21.50	25.9	116
AM 71		0.58	0.006	0.04	0.98	4.0	<0.2	<10	90	0.41	0.18	0.22	0.18	25.40	8.6	57
AM 72		0.64	0.012	0.04	1.07	4.4	<0.2	<10	140	0.28	0.16	0.20	0.21	21.60	12.6	84
AM 73		0.74	0.016	0.02	1.35	3.7	<0.2	<10	70	1.10	0.52	0.06	0.24	31.70	4.7	27
AM 74		0.56	<0.005	0.01	1.05	3.6	<0.2	<10	80	0.81	0.25	0.08	0.26	41.90	3.6	16
AM 75		0.60	<0.005	0.06	1.14	3.8	<0.2	<10	90	0.90	0.31	0.11	0.27	55.20	4.6	20
AM 76		0.40	<0.005	0.05	1.88	3.9	<0.2	<10	150	1.30	0.40	0.08	0.27	62.10	6.2	26
AM 77		0.62	0.155	0.15	2.55	4.0	<0.2	<10	220	1.40	0.48	0.17	0.41	45.50	10.8	37
AM 78		0.64	0.007	0.07	1.86	3.3	<0.2	<10	240	1.48	0.33	0.15	0.45	56.40	7.9	32
AM 79		0.40	0.048	0.07	1.39	2.3	<0.2	<10	230	0.79	0.34	0.13	0.66	37.60	9.5	31
AM 80		0.58	<0.005	0.11	1.04	3.7	<0.2	<10	110	2.68	0.70	0.29	2.84	71.90	5.1	20

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
AM 41		7.58	5.5	1.91	9.81	0.12	0.05	0.04	0.075	0.21	45.3	23.3	0.10	217	0.60	0.01
AM 42		9.37	7.9	2.29	11.20	0.11	0.04	0.03	0.098	0.22	47.8	24.5	0.11	368	1.08	0.01
AM 43		9.15	9.2	2.82	12.20	0.10	0.07	0.02	0.117	0.21	33.1	44.5	0.16	214	0.83	0.01
AM 44		6.31	5.8	2.53	9.57	0.07	0.09	0.01	0.083	0.18	18.4	21.1	0.14	204	1.02	0.01
AM 45		9.00	9.1	2.37	9.64	0.10	0.05	0.02	0.123	0.22	39.2	39.0	0.15	182	0.84	0.01
AM 46		9.31	12.1	3.08	12.10	0.10	0.06	0.02	0.125	0.28	32.1	48.3	0.24	314	1.44	0.01
AM 47		6.42	13.4	2.73	9.26	0.08	0.07	0.02	0.083	0.16	25.2	35.9	0.27	273	1.04	0.01
AM 48		5.99	20.5	2.82	9.04	0.09	0.09	0.02	0.086	0.17	38.7	37.6	0.36	301	1.95	0.01
AM 49		15.90	8.6	5.55	18.50	0.15	0.10	0.03	0.136	0.56	41.5	94.9	0.34	695	1.34	0.02
AM 50		9.20	11.3	3.98	17.60	0.08	0.08	0.03	0.124	0.19	25.8	41.9	0.23	325	1.36	0.01
AM 51		5.95	9.1	3.09	10.40	0.08	0.07	0.04	0.075	0.13	24.3	39.6	0.22	218	0.90	0.01
AM 52																
AM 53		5.24	13.5	2.88	9.28	0.07	0.05	0.02	0.068	0.11	25.8	26.5	0.39	256	1.09	0.01
AM 54		5.03	6.3	2.15	9.80	0.05	0.04	0.01	0.054	0.11	13.0	16.9	0.11	218	1.15	0.01
AM 55		3.86	18.9	2.55	7.12	0.08	0.08	0.02	0.067	0.13	27.7	31.6	0.36	251	1.04	0.01
AM 56		4.43	12.5	2.11	7.41	0.07	0.04	0.02	0.065	0.11	29.3	29.4	0.25	214	0.73	0.01
AM 57		5.74	16.5	2.23	7.89	0.07	0.07	0.03	0.113	0.13	29.0	31.8	0.22	246	0.80	<0.01
AM 58		2.64	7.5	2.64	9.90	0.06	0.12	0.03	0.044	0.05	14.7	11.7	0.12	246	0.91	0.01
AM 59		4.33	9.9	2.26	9.19	0.06	0.04	0.04	0.057	0.07	23.9	19.7	0.13	282	1.00	0.01
AM 60		4.77	8.7	2.38	10.50	0.06	0.09	0.03	0.085	0.10	26.4	26.7	0.13	185	1.09	0.01
AM 61		3.32	14.6	5.42	19.60	0.09	0.52	0.07	0.091	0.06	19.2	22.2	0.29	428	3.05	0.01
AM 62		3.25	10.6	2.01	5.85	0.06	0.12	0.03	0.059	0.07	22.3	24.5	0.59	262	0.82	0.01
AM 63		4.08	14.7	3.17	9.02	0.06	0.14	0.04	0.069	0.08	21.3	36.3	0.45	290	1.73	0.01
AM 64		2.53	12.3	2.06	5.18	0.05	0.11	0.02	0.037	0.05	16.3	30.4	0.32	184	1.03	<0.01
AM 65		3.09	14.7	3.64	10.35	0.05	0.14	0.03	0.044	0.06	13.6	14.6	0.35	941	1.73	0.01
AM 66		2.73	10.7	3.44	9.60	0.05	0.07	0.02	0.041	0.06	11.8	16.6	0.44	237	1.44	0.01
AM 67		2.21	14.4	4.10	11.25	0.06	0.16	0.02	0.047	0.10	11.0	24.3	0.71	326	1.73	0.01
AM 68		1.30	11.0	2.38	5.59	<0.05	0.03	0.01	0.016	0.06	8.3	11.4	0.64	206	1.31	0.01
AM 69		1.65	12.3	2.19	6.12	0.05	0.09	0.01	0.024	0.04	10.7	14.1	1.06	200	1.03	0.01
AM 70		2.36	15.1	3.50	9.02	0.05	0.11	0.02	0.033	0.07	9.3	19.2	0.81	643	2.17	0.01
AM 71		1.90	9.2	1.78	4.65	0.05	0.11	0.01	0.028	0.06	12.9	20.0	0.58	224	0.79	0.01
AM 72		1.74	11.4	2.28	5.30	<0.05	0.07	0.01	0.023	0.05	10.2	15.7	0.71	352	1.02	0.01
AM 73		3.82	7.9	2.20	6.75	0.06	0.10	0.03	0.044	0.08	16.8	30.1	0.21	161	1.00	0.01
AM 74		4.19	8.5	1.90	5.81	0.05	0.14	0.01	0.048	0.12	21.4	31.1	0.18	141	0.87	<0.01
AM 75		4.17	8.8	2.11	7.03	0.07	0.10	0.03	0.044	0.11	31.1	30.7	0.20	610	0.88	<0.01
AM 76		6.68	10.4	3.38	11.20	0.08	0.17	0.03	0.063	0.16	35.4	44.9	0.24	224	1.51	<0.01
AM 77		7.45	9.8	5.18	16.25	0.10	0.26	0.04	0.082	0.18	24.7	51.1	0.33	851	1.69	<0.01
AM 78		7.67	9.6	3.72	11.70	0.09	0.22	0.03	0.069	0.27	32.2	48.4	0.35	339	1.06	<0.01
AM 79		5.67	6.9	2.99	10.60	0.07	0.12	0.02	0.047	0.13	19.2	28.8	0.24	1215	1.27	<0.01
AM 80		5.76	9.0	1.84	6.94	0.09	0.12	0.01	0.071	0.18	34.5	25.5	0.20	913	2.10	<0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
AM 41		12.25	2.9	420	13.0	95.2	<0.001	0.02	0.17	2.8	0.6	4.3	6.8	0.01	0.01	27.8
AM 42		9.31	3.9	370	19.0	93.7	<0.001	0.02	0.24	2.2	0.8	5.4	6.1	0.01	0.01	11.6
AM 43		14.05	5.8	360	27.6	80.7	<0.001	0.01	0.21	3.9	0.6	5.9	8.0	0.01	0.01	20.9
AM 44		12.60	5.3	250	12.6	68.0	<0.001	0.02	0.18	2.8	0.4	4.0	11.0	0.01	0.01	14.0
AM 45		9.84	7.1	370	15.7	83.5	<0.001	0.02	0.27	3.4	0.6	5.1	8.0	0.01	0.01	17.2
AM 46		12.45	11.6	870	21.1	102.0	<0.001	0.02	0.28	4.4	0.6	5.9	8.9	0.01	0.01	22.5
AM 47		10.40	16.5	470	17.4	70.5	<0.001	0.02	0.33	3.8	0.5	5.3	9.8	0.01	0.01	15.4
AM 48		7.81	28.2	330	16.2	59.6	<0.001	0.02	0.38	4.3	0.7	3.9	11.0	0.01	0.03	26.4
AM 49		16.75	9.7	490	33.9	148.5	<0.001	0.03	0.25	5.5	1.0	5.3	23.1	0.01	0.01	22.1
AM 50		14.75	8.3	1190	19.9	85.4	<0.001	0.02	0.28	4.5	0.6	6.5	8.8	0.01	0.01	18.1
AM 51		11.35	11.9	370	12.5	59.6	<0.001	0.02	0.31	3.1	0.6	3.6	7.6	0.03	0.02	19.1
AM 52																
AM 53		7.43	33.8	640	14.8	50.4	<0.001	0.02	0.36	3.3	0.5	3.3	8.1	0.01	0.02	13.5
AM 54		7.63	6.0	320	10.6	55.0	<0.001	0.01	0.26	2.4	0.3	3.4	6.5	<0.01	0.01	7.8
AM 55		6.21	22.9	380	15.5	39.6	<0.001	0.01	0.44	3.8	0.5	2.7	16.3	<0.01	0.02	21.6
AM 56		6.40	15.4	540	12.7	38.6	<0.001	0.01	0.28	3.1	0.5	3.6	13.6	<0.01	0.01	13.5
AM 57		7.43	14.4	270	33.8	51.0	<0.001	0.02	0.35	3.5	0.6	5.6	6.9	0.01	0.01	24.2
AM 58		9.72	9.3	500	9.3	30.2	<0.001	0.02	0.27	2.0	0.5	3.0	3.6	0.05	0.01	8.6
AM 59		8.87	11.1	510	9.1	46.1	<0.001	0.02	0.30	2.3	0.7	4.0	4.2	0.01	0.02	8.3
AM 60		13.70	10.4	280	14.8	57.0	<0.001	0.02	0.27	2.6	0.6	5.2	7.0	0.01	0.02	16.6
AM 61		15.80	26.9	960	16.2	29.8	<0.001	0.03	0.40	4.5	1.0	3.9	5.9	0.17	0.03	19.8
AM 62		7.34	76.9	460	8.5	25.7	<0.001	0.02	0.25	3.2	0.5	2.9	5.6	0.03	0.02	16.5
AM 63		11.15	52.2	600	12.3	30.8	<0.001	0.02	0.33	4.1	0.6	3.6	5.1	0.06	0.03	15.5
AM 64		6.92	39.1	440	8.1	24.0	<0.001	0.01	0.30	3.0	0.3	2.1	6.1	0.04	0.03	10.5
AM 65		6.82	48.2	810	12.9	40.8	<0.001	0.01	0.38	2.9	0.4	2.4	12.3	<0.01	0.03	7.9
AM 66		6.65	51.3	600	8.6	30.3	<0.001	0.01	0.33	2.7	0.3	2.0	6.8	<0.01	0.02	5.9
AM 67		6.36	85.0	570	7.7	23.3	<0.001	0.02	0.43	3.5	0.4	2.0	10.8	<0.01	0.03	6.2
AM 68		3.06	79.4	180	5.0	28.8	<0.001	0.01	0.36	3.3	0.2	1.1	11.1	<0.01	0.02	3.1
AM 69		3.71	103.0	230	5.5	18.2	<0.001	0.01	0.28	3.4	0.3	1.4	12.0	<0.01	0.02	4.0
AM 70		4.76	104.5	490	8.9	25.6	<0.001	0.02	0.40	4.5	0.3	1.8	16.5	<0.01	0.03	8.7
AM 71		4.85	71.9	130	6.4	20.2	<0.001	0.01	0.23	3.1	0.2	1.8	13.1	<0.01	0.02	7.3
AM 72		3.78	75.1	170	5.7	25.0	<0.001	0.01	0.36	3.3	0.3	1.3	12.4	<0.01	0.01	6.1
AM 73		8.08	23.0	680	7.9	40.2	<0.001	0.01	0.26	2.2	0.4	2.6	4.7	0.04	0.01	9.9
AM 74		7.80	17.0	420	9.7	46.5	<0.001	<0.01	0.20	2.0	0.3	2.2	5.1	0.01	0.02	20.3
AM 75		8.64	20.0	570	10.6	45.6	<0.001	<0.01	0.33	2.3	0.3	2.3	7.2	0.01	0.02	16.8
AM 76		12.00	21.5	650	14.5	66.9	<0.001	<0.01	0.29	3.1	0.6	3.4	7.4	0.01	0.02	23.5
AM 77		13.95	33.9	1320	19.3	79.5	<0.001	<0.01	0.31	3.2	0.5	4.0	12.2	0.01	0.03	14.5
AM 78		10.70	33.9	1500	13.7	100.0	<0.001	<0.01	0.20	3.3	0.4	3.6	10.3	0.01	0.02	22.3
AM 79		7.67	25.6	850	12.5	67.6	<0.001	<0.01	0.27	2.8	0.4	3.5	9.2	0.01	0.02	18.2
AM 80		8.56	22.8	200	12.7	62.5	<0.001	<0.01	0.14	3.2	0.7	4.0	14.1	0.01	0.01	25.8

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
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CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
AM 41		0.105	0.53	4.48	14	3.12	19.10	77	1.0	3.80	2.09	0.13	5.25	0.73	0.25	32.6
AM 42		0.104	0.63	5.18	18	1.83	22.30	88	0.6	4.75	2.45	0.19	6.18	0.89	0.29	36.4
AM 43		0.135	0.60	3.35	21	1.65	20.00	118	1.8	3.62	1.96	0.17	4.33	0.70	0.25	26.0
AM 44		0.138	0.38	1.87	24	1.03	9.61	88	2.9	1.95	1.13	0.12	2.39	0.37	0.15	14.7
AM 45		0.094	0.56	3.92	18	1.89	22.00	92	0.9	3.86	2.23	0.16	5.06	0.73	0.28	29.2
AM 46		0.135	0.68	4.62	25	1.67	20.90	153	1.5	4.05	2.20	0.21	4.99	0.78	0.30	26.5
AM 47		0.133	0.48	2.54	33	2.05	14.30	133	2.3	2.82	1.56	0.23	3.36	0.55	0.19	20.3
AM 48		0.119	0.48	4.02	34	1.56	24.80	110	2.6	4.33	2.37	0.30	5.32	0.84	0.28	30.5
AM 49		0.350	1.17	4.54	37	1.13	29.50	248	2.8	5.83	3.10	0.37	6.79	1.14	0.34	36.4
AM 50		0.215	0.65	2.95	38	1.53	16.60	164	2.6	2.91	1.71	0.19	3.67	0.58	0.22	21.6
AM 51		0.165	0.41	2.34	34	1.16	12.00	118	2.1	2.41	1.29	0.21	3.08	0.45	0.16	17.9
AM 52																
AM 53		0.132	0.34	2.51	40	1.47	12.65	90	1.5	2.44	1.34	0.22	3.22	0.48	0.17	20.5
AM 54		0.101	0.33	1.47	28	1.34	6.93	57	1.1	1.32	0.76	0.13	1.60	0.25	0.11	10.1
AM 55		0.100	0.33	2.98	39	1.82	14.65	69	2.6	2.62	1.44	0.26	3.43	0.51	0.16	19.8
AM 56		0.089	0.32	2.91	27	1.49	15.15	78	1.1	2.70	1.49	0.21	3.43	0.52	0.18	21.6
AM 57		0.067	0.51	4.29	24	3.04	18.30	111	1.6	3.66	2.03	0.20	4.66	0.73	0.27	24.6
AM 58		0.227	0.18	1.67	44	0.99	5.70	71	5.8	1.29	0.68	0.14	1.80	0.24	0.08	11.1
AM 59		0.136	0.31	2.48	30	2.02	9.07	61	1.6	1.87	1.00	0.14	2.48	0.36	0.13	16.5
AM 60		0.139	0.36	3.00	32	3.61	13.50	84	3.1	2.65	1.48	0.14	3.17	0.51	0.20	19.3
AM 61		0.459	0.17	3.46	97	0.97	11.30	105	24.0	2.54	1.21	0.24	2.91	0.44	0.14	16.7
AM 62		0.081	0.21	2.28	28	1.17	10.95	60	3.7	2.23	1.14	0.16	2.74	0.39	0.14	17.1
AM 63		0.146	0.23	2.69	43	1.51	9.90	91	5.0	2.16	1.13	0.21	2.58	0.39	0.13	15.4
AM 64		0.061	0.15	1.70	29	0.68	8.40	54	3.2	1.53	0.91	0.17	1.89	0.31	0.12	11.8
AM 65		0.230	0.16	1.60	63	0.46	5.52	92	5.7	1.05	0.52	0.19	1.45	0.19	0.06	8.8
AM 66		0.159	0.12	1.05	61	0.64	4.37	66	2.6	0.96	0.54	0.15	1.34	0.18	0.07	8.6
AM 67		0.240	0.07	1.04	78	0.36	4.88	77	7.0	0.92	0.49	0.20	1.28	0.18	0.06	8.7
AM 68		0.108	0.09	0.49	52	0.23	3.93	42	1.1	0.73	0.38	0.22	1.02	0.14	0.05	7.1
AM 69		0.140	0.12	1.04	49	0.20	5.51	33	3.0	1.06	0.55	0.22	1.40	0.19	0.07	8.6
AM 70		0.180	0.14	1.13	77	0.29	4.97	89	4.4	0.97	0.52	0.25	1.31	0.18	0.06	8.0
AM 71		0.082	0.16	1.18	34	0.41	6.16	35	3.2	1.20	0.67	0.18	1.62	0.23	0.08	9.6
AM 72		0.108	0.11	0.83	46	0.37	4.64	42	2.4	1.03	0.52	0.23	1.45	0.19	0.07	8.7
AM 73		0.114	0.24	1.95	27	0.97	6.97	66	3.3	1.41	0.82	0.14	2.03	0.28	0.10	11.1
AM 74		0.087	0.27	2.93	18	0.65	8.99	76	3.1	1.81	1.07	0.12	2.42	0.36	0.16	14.6
AM 75		0.112	0.30	2.91	25	0.83	9.93	73	2.8	2.14	1.22	0.15	3.13	0.43	0.17	20.3
AM 76		0.198	0.44	2.52	39	1.11	11.30	160	5.1	2.51	1.48	0.20	3.58	0.50	0.19	23.7
AM 77		0.401	0.44	1.59	73	0.49	8.26	292	9.4	1.85	0.96	0.22	2.72	0.34	0.12	17.5
AM 78		0.240	0.46	2.13	37	2.31	11.55	178	7.5	2.43	1.31	0.21	3.45	0.47	0.17	21.7
AM 79		0.203	0.30	1.66	42	0.50	7.28	198	3.9	1.50	0.84	0.20	2.13	0.29	0.11	13.7
AM 80		0.083	0.38	13.95	18	3.65	22.50	158	2.5	4.60	2.60	0.20	5.40	0.92	0.32	27.9

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
AM 41		8.80	5.32	0.73	0.28	1.80
AM 42		9.64	6.09	0.89	0.33	2.11
AM 43		6.81	4.61	0.66	0.28	1.75
AM 44		3.77	2.64	0.34	0.16	1.01
AM 45		7.71	5.43	0.72	0.32	2.02
AM 46		6.80	5.03	0.75	0.32	2.04
AM 47		5.05	3.71	0.50	0.22	1.46
AM 48		7.61	5.59	0.82	0.34	2.03
AM 49		9.12	6.99	1.04	0.40	2.49
AM 50		5.59	4.25	0.54	0.24	1.55
AM 51		4.77	3.01	0.45	0.19	1.18
AM 52						
AM 53		5.36	3.54	0.46	0.19	1.16
AM 54		2.62	1.70	0.24	0.12	0.76
AM 55		5.30	3.36	0.50	0.19	1.16
AM 56		5.66	3.79	0.51	0.21	1.29
AM 57		6.33	4.65	0.70	0.30	1.89
AM 58		2.97	1.88	0.26	0.09	0.61
AM 59		4.57	2.77	0.36	0.14	0.92
AM 60		5.12	3.33	0.48	0.22	1.36
AM 61		4.37	3.18	0.46	0.17	1.10
AM 62		4.61	3.07	0.40	0.16	1.03
AM 63		4.14	2.75	0.38	0.16	0.99
AM 64		3.16	2.06	0.28	0.14	0.83
AM 65		2.50	1.50	0.21	0.07	0.44
AM 66		2.26	1.41	0.19	0.07	0.49
AM 67		2.28	1.48	0.17	0.07	0.44
AM 68		1.77	1.26	0.14	0.05	0.34
AM 69		2.21	1.51	0.20	0.08	0.49
AM 70		2.03	1.44	0.19	0.07	0.44
AM 71		2.59	1.71	0.23	0.09	0.58
AM 72		2.20	1.51	0.20	0.07	0.47
AM 73		3.21	1.96	0.27	0.11	0.73
AM 74		4.49	2.51	0.34	0.17	1.08
AM 75		6.34	3.30	0.41	0.18	1.14
AM 76		7.26	3.85	0.49	0.20	1.28
AM 77		5.20	3.04	0.37	0.14	0.82
AM 78		6.50	3.65	0.48	0.20	1.20
AM 79		4.07	2.34	0.29	0.12	0.75
AM 80		8.20	5.64	0.84	0.37	2.21

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
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NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
AM 81		0.66	0.007	0.02	0.84	2.6	<0.2	<10	110	0.54	0.17	0.12	0.15	28.90	6.0	51
AM 82		0.50	<0.005	0.06	1.69	2.5	<0.2	<10	250	0.76	0.26	0.18	0.49	24.00	11.2	56
AM 83		0.14	0.071	0.08	1.24	5.4	<0.2	<10	100	0.97	0.39	0.28	0.20	71.60	8.2	57
AM 84		0.66	0.017	0.07	1.05	5.5	<0.2	<10	100	1.25	0.28	0.12	0.14	72.30	3.2	13
AM 85		0.46	0.022	0.06	0.93	5.1	<0.2	<10	110	0.84	0.25	0.09	0.13	57.90	2.4	12
AM 86		0.52	0.007	0.06	1.58	5.3	<0.2	<10	130	0.94	0.39	0.09	0.27	36.00	6.1	34
AM 87		0.76	0.026	0.04	0.89	4.8	<0.2	<10	80	1.55	0.25	0.10	0.18	63.50	3.3	10
AM 88		0.68	0.006	0.01	0.98	3.0	<0.2	<10	100	0.78	0.36	0.18	0.14	40.90	5.0	29
AM 89		0.70	<0.005	0.11	1.24	3.0	<0.2	<10	160	0.75	0.30	0.15	0.32	29.10	8.9	24
AM 90		0.80	0.015	0.06	1.19	5.4	<0.2	<10	80	0.64	0.31	0.09	0.27	31.80	4.5	25
SLT 1		0.54	0.015	0.15	4.00	15.0	<0.2	<10	130	10.75	0.78	0.14	0.84	170.00	6.8	37
SLT 2		0.46	0.012	0.16	1.76	8.5	<0.2	<10	80	2.99	0.39	0.09	0.74	96.20	3.7	19
SLT 3		0.48	0.010	0.04	1.25	6.2	<0.2	<10	60	2.26	0.29	0.09	0.37	88.40	3.9	14
SLT 4		0.62	0.009	0.04	1.18	6.0	<0.2	<10	70	1.72	0.20	0.21	0.34	91.70	4.1	18
SLT 5		0.40	0.010	0.09	1.52	8.5	<0.2	<10	90	1.78	0.35	0.11	0.36	61.60	3.7	19
SLT 6		0.56	0.010	0.04	1.93	6.7	<0.2	<10	90	3.74	0.33	0.15	0.20	167.50	6.1	19
SLT 7		0.56	0.017	0.08	1.35	7.3	<0.2	<10	60	2.52	0.42	0.06	0.20	119.00	2.6	10
SLT 8		0.38	0.013	0.10	1.85	5.8	<0.2	<10	60	3.29	0.46	0.07	0.19	145.50	3.2	13
SLT 9		0.54	0.083	0.06	1.28	6.7	<0.2	<10	40	2.79	0.35	0.07	0.18	167.50	3.0	8
SLT 10		0.62	0.020	0.07	1.79	6.1	<0.2	<10	60	4.62	1.03	0.07	0.25	185.00	3.6	11
SLT 11		0.54	0.009	0.16	1.47	9.4	<0.2	<10	50	6.72	0.41	0.16	0.33	216.00	2.7	12
SLT 12		0.56	0.034	0.07	1.18	5.3	<0.2	<10	30	1.82	0.29	0.04	0.12	109.00	1.7	8
SLT 13		0.54	0.011	0.07	1.86	7.6	<0.2	<10	60	4.18	0.43	0.09	0.17	155.50	5.4	17
SLT 14		0.40	0.015	0.08	1.52	10.2	<0.2	<10	60	5.00	0.51	0.12	0.73	268.00	3.4	14
SLT 15		0.56	0.007	0.05	1.41	5.0	<0.2	<10	50	3.89	0.37	0.08	0.38	154.00	2.8	12
SLT 16		0.36	0.015	0.11	1.15	4.0	<0.2	<10	60	2.00	0.31	0.08	0.35	94.70	3.8	10
SLT 17		0.44	0.008	0.07	0.98	3.8	<0.2	<10	50	1.70	0.27	0.05	0.31	97.40	2.6	10
SLT 18		0.42	0.014	0.15	1.64	6.6	<0.2	<10	60	3.77	0.34	0.08	0.35	143.50	3.8	15
SLT 19		0.44	0.011	0.09	1.50	5.8	<0.2	<10	70	3.07	0.35	0.10	0.41	90.00	3.9	15
SLT 20		0.40	0.011	0.33	2.10	7.4	<0.2	<10	80	7.11	0.63	0.18	0.61	172.50	3.8	15
SLT 21		0.28	0.010	0.11	2.11	7.9	<0.2	<10	90	5.55	1.07	0.11	2.03	148.50	5.2	16
SLT 22		0.36	0.007	0.04	1.09	4.1	<0.2	<10	50	1.77	0.39	0.09	0.44	83.50	3.0	11
SLT 23		0.42	0.013	0.09	1.24	4.2	<0.2	<10	60	2.23	0.53	0.08	0.48	102.50	3.7	13
SLT 24		0.36	0.006	0.08	1.52	7.9	<0.2	<10	50	3.52	1.53	0.25	6.31	60.70	2.6	7
SLT 25		0.50	0.009	0.03	1.06	3.5	<0.2	<10	50	2.03	0.38	0.08	0.50	60.30	2.8	10
SLT 26		0.54	0.012	0.04	1.36	5.0	<0.2	<10	60	3.15	0.55	0.11	0.74	105.00	3.7	12
SLT 27		0.42	0.006	0.01	1.03	4.7	<0.2	<10	40	2.31	0.53	0.09	0.38	83.60	3.3	10
SLT 28		0.42	0.013	0.02	1.41	5.4	<0.2	<10	70	2.52	0.55	0.09	0.58	103.50	4.2	12
SLT 29		0.48	0.017	0.05	1.08	5.4	<0.2	<10	40	2.03	0.75	0.09	0.43	91.30	1.7	10
SLT 30		0.52	0.009	0.04	1.81	7.7	<0.2	<10	80	3.13	1.03	0.14	0.76	72.30	3.2	17

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
AM 81		2.56	6.5	1.82	4.82	0.05	0.06	0.01	0.027	0.07	15.2	23.6	0.35	174	0.89	<0.01
AM 82		2.22	6.7	2.93	8.75	0.06	0.22	0.02	0.040	0.08	12.5	19.8	0.41	441	1.23	<0.01
AM 83		3.28	12.0	2.72	6.41	0.10	0.10	0.01	0.050	0.26	30.8	23.7	0.52	309	0.77	<0.01
AM 84		4.01	12.7	1.66	5.74	0.07	0.07	0.02	0.044	0.12	40.9	29.2	0.24	254	0.88	<0.01
AM 85		3.91	6.9	1.36	5.53	0.06	0.09	0.02	0.036	0.09	33.0	26.9	0.15	112	1.08	<0.01
AM 86		4.29	9.1	3.06	10.35	0.07	0.17	0.04	0.056	0.10	19.1	32.5	0.28	218	1.41	<0.01
AM 87		3.33	7.7	1.42	4.49	0.08	0.11	0.02	0.038	0.10	35.4	23.8	0.15	118	0.74	<0.01
AM 88		3.48	6.4	2.02	5.68	0.06	0.10	0.01	0.044	0.10	22.4	26.5	0.22	156	0.98	<0.01
AM 89		3.15	5.4	2.48	7.86	0.05	0.08	0.02	0.035	0.11	14.0	18.0	0.19	679	1.31	<0.01
AM 90		4.20	9.0	2.22	7.56	0.05	0.10	0.02	0.048	0.13	16.8	34.2	0.25	153	2.93	<0.01
SLT 1		9.92	19.9	3.47	15.45	0.22	0.18	0.04	0.129	0.20	88.5	63.8	0.34	647	2.53	<0.01
SLT 2		6.56	12.0	2.26	10.20	0.13	0.10	0.04	0.072	0.13	54.6	25.8	0.21	329	1.28	<0.01
SLT 3		6.39	9.4	1.97	8.40	0.10	0.07	0.02	0.071	0.16	36.8	35.4	0.22	266	0.67	<0.01
SLT 4		4.37	10.0	1.90	6.21	0.11	0.13	0.01	0.056	0.11	48.0	24.9	0.27	277	0.63	<0.01
SLT 5		6.40	10.4	2.53	10.45	0.08	0.04	0.05	0.070	0.13	33.8	25.4	0.22	189	1.25	<0.01
SLT 6		8.28	13.3	2.93	9.97	0.16	0.21	0.02	0.093	0.20	81.6	46.1	0.34	501	1.03	<0.01
SLT 7		9.41	6.3	2.49	12.40	0.13	0.07	0.03	0.083	0.20	53.9	36.2	0.12	298	1.27	<0.01
SLT 8		9.78	9.9	2.51	11.95	0.15	0.10	0.05	0.092	0.17	70.3	34.2	0.18	329	1.39	<0.01
SLT 9		9.51	6.1	2.20	10.60	0.19	0.15	0.02	0.093	0.23	79.0	47.0	0.13	383	1.14	<0.01
SLT 10		11.80	9.7	2.75	12.95	0.19	0.09	0.02	0.103	0.23	86.2	47.6	0.20	475	1.20	<0.01
SLT 11		9.71	11.1	2.44	10.65	0.23	0.14	0.03	0.096	0.24	124.0	39.5	0.17	397	1.61	<0.01
SLT 12		7.74	6.9	1.89	9.85	0.11	0.05	0.05	0.076	0.20	46.8	31.8	0.09	302	1.13	<0.01
SLT 13		10.75	12.9	3.24	13.60	0.17	0.10	0.04	0.113	0.25	68.8	45.8	0.29	554	1.47	<0.01
SLT 14		8.45	9.1	2.80	10.85	0.23	0.13	0.02	0.132	0.21	126.0	38.8	0.22	358	1.94	<0.01
SLT 15		8.38	7.9	2.23	10.70	0.17	0.13	0.03	0.090	0.14	83.9	34.6	0.16	237	1.25	<0.01
SLT 16		5.38	8.8	1.60	7.15	0.12	0.07	0.07	0.045	0.12	50.5	16.9	0.12	1165	0.90	<0.01
SLT 17		5.66	7.7	1.54	7.57	0.12	0.07	0.03	0.055	0.11	47.1	21.8	0.12	347	0.75	<0.01
SLT 18		5.69	11.3	1.99	8.79	0.22	0.22	0.05	0.058	0.12	90.3	25.3	0.20	322	0.91	<0.01
SLT 19		6.88	9.7	2.04	8.92	0.12	0.09	0.05	0.073	0.13	49.6	28.9	0.21	347	0.86	<0.01
SLT 20		9.08	23.1	2.37	11.15	0.24	0.21	0.06	0.124	0.20	90.3	45.9	0.23	272	1.28	0.02
SLT 21		10.70	18.6	2.76	12.95	0.13	0.10	0.06	0.205	0.21	51.5	40.9	0.19	1745	1.76	0.02
SLT 22		5.89	13.2	1.74	7.85	0.10	0.05	0.03	0.073	0.15	35.3	28.4	0.16	278	0.63	0.01
SLT 23		5.86	13.3	1.87	8.18	0.09	0.07	0.03	0.074	0.13	45.5	29.2	0.18	311	0.69	0.01
SLT 24		10.35	31.9	2.07	12.90	0.11	0.05	0.06	0.230	0.16	28.9	19.5	0.08	813	2.11	0.01
SLT 25		5.29	13.5	1.58	6.37	0.09	0.04	0.02	0.087	0.12	30.3	29.7	0.16	211	0.54	0.01
SLT 26		7.78	18.7	1.97	8.37	0.12	0.08	0.02	0.119	0.19	48.7	36.9	0.19	335	0.60	0.01
SLT 27		8.34	13.1	2.09	10.20	0.11	0.11	0.01	0.125	0.19	38.0	36.4	0.16	283	1.01	0.01
SLT 28		8.59	15.2	2.20	9.90	0.11	0.10	0.01	0.127	0.19	45.1	38.5	0.19	308	0.85	0.01
SLT 29		7.19	8.7	1.61	8.39	0.11	0.08	0.02	0.112	0.15	53.2	28.6	0.09	146	1.82	0.01
SLT 30		9.14	14.5	2.35	11.85	0.09	0.06	0.02	0.151	0.19	35.3	34.0	0.16	571	5.37	0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
AM 81		4.38	39.6	170	5.7	30.0	<0.001	<0.01	0.21	2.2	0.3	2.2	7.6	<0.01	0.02	7.8
AM 82		6.29	55.2	610	8.4	24.2	<0.001	<0.01	0.20	2.8	0.3	2.3	11.9	<0.01	0.02	7.9
AM 83		7.01	61.0	370	8.7	44.3	<0.001	<0.01	0.25	4.0	0.6	2.1	14.9	0.01	0.02	15.9
AM 84		8.90	13.0	170	14.0	43.4	<0.001	<0.01	0.23	2.7	0.5	2.0	7.4	0.01	0.02	21.2
AM 85		7.97	10.4	130	11.0	41.2	<0.001	<0.01	0.18	1.9	0.3	2.1	6.5	0.01	0.02	15.1
AM 86		11.05	30.4	560	13.1	41.7	<0.001	<0.01	0.28	2.6	0.4	2.7	6.7	0.01	0.02	19.2
AM 87		9.58	17.4	230	10.8	36.9	<0.001	<0.01	0.19	1.8	0.6	1.7	6.3	0.01	0.02	20.2
AM 88		9.12	33.3	170	7.1	43.7	<0.001	<0.01	0.20	2.0	0.2	2.4	8.4	0.01	0.02	11.9
AM 89		8.06	23.9	480	12.3	36.6	<0.001	<0.01	0.20	1.8	0.3	2.3	9.7	<0.01	0.02	8.2
AM 90		9.56	25.7	240	11.9	47.7	<0.001	<0.01	0.25	2.6	0.2	2.5	6.5	<0.01	0.03	11.5
SLT 1		11.65	22.1	870	30.3	83.2	0.001	0.06	0.64	5.4	3.4	5.0	13.1	0.04	0.03	20.2
SLT 2		6.25	11.7	750	15.3	60.9	0.001	0.07	0.45	2.1	1.9	3.4	9.2	0.02	0.03	4.5
SLT 3		7.96	12.2	320	16.5	52.5	<0.001	<0.01	0.31	2.6	0.9	4.2	6.8	0.01	0.02	16.5
SLT 4		3.61	11.5	550	10.5	40.8	<0.001	<0.01	0.27	3.7	0.7	2.4	11.4	0.01	0.01	28.4
SLT 5		5.56	11.5	600	13.5	63.3	<0.001	0.05	0.42	1.6	0.7	3.2	10.5	0.01	0.02	1.9
SLT 6		8.94	16.4	480	20.1	68.3	<0.001	<0.01	0.31	5.2	1.2	3.9	9.9	0.02	0.02	51.4
SLT 7		11.05	6.1	450	16.3	99.8	<0.001	0.04	0.35	2.5	1.0	4.4	5.7	0.02	0.03	10.3
SLT 8		8.34	8.6	910	21.7	82.9	<0.001	0.09	0.36	1.9	2.2	3.9	7.1	0.02	0.03	5.4
SLT 9		14.65	7.2	380	19.9	80.5	0.001	<0.01	0.28	4.1	1.5	5.1	4.7	0.02	0.02	63.5
SLT 10		11.35	9.2	670	25.8	92.1	0.001	0.02	0.30	3.9	1.8	5.3	6.3	0.02	0.02	34.7
SLT 11		10.60	8.3	740	20.3	84.7	0.001	0.04	0.36	2.8	2.8	4.4	9.3	0.03	0.02	16.1
SLT 12		7.87	5.6	570	13.2	75.8	<0.001	0.04	0.38	1.7	0.9	3.7	3.3	0.01	0.02	10.5
SLT 13		11.40	13.5	800	19.2	95.3	<0.001	0.02	0.39	4.1	1.8	5.2	7.6	0.03	0.02	30.7
SLT 14		8.89	9.6	550	20.1	77.2	<0.001	0.02	0.41	3.8	2.0	3.6	8.2	0.02	0.02	26.9
SLT 15		7.06	8.0	660	15.3	69.5	<0.001	0.06	0.41	1.8	1.7	3.9	6.9	0.02	0.02	4.9
SLT 16		3.36	6.9	1050	12.6	61.5	<0.001	0.10	0.42	0.8	2.1	2.5	7.7	0.02	0.01	1.3
SLT 17		4.69	7.5	520	10.5	54.8	<0.001	0.04	0.28	1.2	1.4	3.0	4.8	0.01	0.02	2.9
SLT 18		4.25	10.6	810	16.8	47.7	0.001	0.07	0.37	1.2	4.4	2.9	7.0	0.05	0.03	2.0
SLT 19		6.17	10.5	650	16.2	60.0	<0.001	0.05	0.39	1.9	1.8	3.6	8.6	0.02	0.02	4.4
SLT 20		10.50	13.4	870	28.3	74.3	0.001	0.12	0.42	2.9	3.4	4.9	13.3	0.04	0.03	7.8
SLT 21		8.35	10.2	670	24.1	94.4	<0.001	0.08	0.37	2.1	1.9	6.2	9.5	0.02	0.02	5.1
SLT 22		5.54	9.1	410	11.5	50.1	<0.001	0.04	0.32	1.7	0.9	3.8	7.1	0.01	0.01	5.1
SLT 23		6.09	10.3	580	15.4	44.3	<0.001	0.06	0.32	1.5	1.1	3.7	6.3	0.01	0.01	5.4
SLT 24		10.90	4.0	420	30.3	105.5	<0.001	0.05	0.42	2.2	0.9	10.8	12.5	0.01	0.03	9.8
SLT 25		7.59	8.7	350	15.1	45.1	<0.001	0.03	0.23	2.1	0.6	3.9	6.2	0.01	0.01	21.2
SLT 26		9.19	10.6	350	22.4	63.1	<0.001	0.02	0.28	3.3	1.0	5.4	7.6	0.01	0.02	29.5
SLT 27		8.93	7.2	150	17.6	72.2	<0.001	0.01	0.26	3.4	0.6	6.0	6.0	0.01	0.01	26.3
SLT 28		10.55	10.5	200	18.8	72.1	<0.001	0.01	0.33	3.7	0.7	5.7	6.7	0.01	0.02	37.1
SLT 29		13.60	5.3	190	13.8	55.7	<0.001	0.02	0.22	3.0	0.7	5.6	5.4	0.01	0.01	29.8
SLT 30		9.64	9.7	430	18.9	71.8	<0.001	0.06	0.28	3.0	0.8	6.3	8.9	0.01	0.02	16.0

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
AM 81		0.085	0.18	1.14	29	0.31	6.38	38	1.6	1.24	0.70	0.14	1.60	0.23	0.09	10.1
AM 82		0.224	0.13	0.98	52	0.33	5.16	97	7.4	1.00	0.58	0.20	1.44	0.20	0.07	9.5
AM 83		0.144	0.33	2.41	36	1.34	15.95	58	2.5	3.28	1.78	0.24	4.38	0.64	0.23	24.3
AM 84		0.079	0.34	2.97	21	0.77	16.05	50	1.4	3.49	1.94	0.19	4.72	0.70	0.25	25.8
AM 85		0.056	0.30	1.73	15	0.85	9.11	41	1.8	2.09	1.20	0.14	3.29	0.42	0.15	21.1
AM 86		0.212	0.24	1.81	47	0.65	7.04	104	5.4	1.54	0.81	0.16	2.19	0.29	0.11	13.6
AM 87		0.065	0.22	2.30	13	0.68	16.05	47	2.2	3.47	1.96	0.14	4.32	0.70	0.23	23.7
AM 88		0.117	0.21	1.67	25	1.07	7.59	43	2.9	1.60	0.90	0.13	2.33	0.31	0.12	14.5
AM 89		0.187	0.18	0.89	39	0.49	4.78	64	2.7	1.03	0.55	0.15	1.52	0.20	0.07	9.6
AM 90		0.126	0.28	1.59	32	0.64	6.30	63	2.5	1.42	0.82	0.13	1.98	0.28	0.11	12.0
SLT 1		0.092	0.69	75.00	40	1.84	142.00	189	1.3	29.20	16.20	0.60	26.80	5.76	2.20	97.1
SLT 2		0.071	0.42	28.00	32	0.93	67.70	82	1.0	14.80	7.84	0.37	14.25	2.91	0.95	57.6
SLT 3		0.070	0.45	9.78	21	0.93	37.00	90	1.1	7.52	4.21	0.22	7.74	1.50	0.55	33.7
SLT 4		0.092	0.35	9.05	27	0.88	36.50	79	3.6	6.77	3.78	0.34	8.57	1.33	0.46	42.2
SLT 5		0.067	0.46	5.11	35	0.94	19.00	71	0.7	3.92	2.05	0.22	4.71	0.74	0.26	25.6
SLT 6		0.119	0.64	12.95	31	0.91	57.90	101	4.6	11.40	6.52	0.38	14.20	2.26	0.78	68.6
SLT 7		0.091	0.57	9.07	23	1.67	37.80	82	1.1	7.36	4.11	0.16	8.85	1.45	0.50	44.2
SLT 8		0.065	0.65	17.20	22	1.05	58.80	85	0.9	13.65	6.55	0.35	16.00	2.54	0.70	69.1
SLT 9		0.086	0.69	18.75	12	1.51	69.30	87	2.1	13.60	7.62	0.20	15.15	2.75	0.89	68.0
SLT 10		0.092	0.80	19.95	19	1.46	69.10	105	0.9	14.00	7.72	0.28	16.45	2.82	0.88	76.4
SLT 11		0.076	0.65	25.70	16	1.22	112.50	91	1.0	24.60	12.55	0.41	26.80	4.65	1.25	111.0
SLT 12		0.061	0.53	9.11	12	0.72	24.90	65	0.6	5.69	2.90	0.11	7.04	1.06	0.33	38.1
SLT 13		0.127	0.71	16.95	31	1.69	63.70	103	1.3	13.90	7.17	0.30	15.30	2.62	0.84	69.7
SLT 14		0.097	0.61	23.60	25	2.25	92.40	139	0.9	18.35	10.05	0.40	22.60	3.63	1.10	103.5
SLT 15		0.066	0.61	17.05	22	1.82	73.10	93	0.9	15.50	7.90	0.31	16.35	2.95	0.84	71.2
SLT 16		0.039	0.41	16.60	19	0.74	65.00	52	<0.5	14.20	7.12	0.29	13.15	2.71	0.72	45.1
SLT 17		0.042	0.40	10.95	16	0.87	59.40	53	<0.5	11.30	6.45	0.23	11.75	2.30	0.70	45.2
SLT 18		0.046	0.38	31.30	25	0.94	191.50	64	0.5	40.30	22.80	0.61	33.70	8.07	2.54	111.0
SLT 19		0.062	0.49	18.90	24	1.09	60.90	79	0.8	12.75	7.03	0.29	12.10	2.52	0.86	45.3
SLT 20		0.062	0.64	85.10	20	1.97	133.50	127	1.0	31.00	16.55	0.60	30.20	5.88	2.05	109.0
SLT 21		0.079	0.88	41.70	28	2.77	72.90	143	0.5	14.70	8.51	0.28	13.65	2.96	0.95	49.1
SLT 22		0.056	0.42	10.55	17	1.73	33.10	78	0.5	6.13	3.64	0.17	6.64	1.27	0.45	30.1
SLT 23		0.069	0.43	13.80	22	2.07	42.10	77	0.7	9.22	5.09	0.22	9.23	1.82	0.60	39.1
SLT 24		0.063	0.69	15.30	18	9.87	26.30	231	0.7	5.15	3.17	0.13	5.37	1.04	0.44	22.6
SLT 25		0.062	0.39	10.05	17	3.34	23.80	91	0.5	4.59	2.69	0.15	4.98	0.94	0.35	25.4
SLT 26		0.080	0.61	19.75	18	2.44	45.20	128	0.8	9.20	5.35	0.28	9.82	1.84	0.68	43.5
SLT 27		0.089	0.60	7.18	16	2.43	22.60	123	2.8	4.14	2.49	0.13	5.49	0.82	0.33	31.0
SLT 28		0.087	0.59	9.23	19	1.93	31.50	130	2.4	5.47	3.27	0.17	6.73	1.08	0.43	35.8
SLT 29		0.072	0.45	17.40	12	1.94	35.30	81	1.7	6.01	3.36	0.13	7.29	1.18	0.40	38.3
SLT 30		0.076	0.60	23.50	22	3.22	29.90	133	0.8	5.57	3.30	0.15	6.03	1.12	0.42	29.2

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
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NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
AM 81		3.07	1.79	0.23	0.11	0.65
AM 82		2.79	1.75	0.20	0.08	0.50
AM 83		7.04	4.32	0.62	0.26	1.55
AM 84		7.93	4.54	0.68	0.29	1.79
AM 85		6.47	3.46	0.42	0.18	1.07
AM 86		4.03	2.46	0.30	0.11	0.74
AM 87		7.05	4.36	0.65	0.28	1.64
AM 88		4.57	2.48	0.31	0.14	0.86
AM 89		2.89	1.63	0.20	0.08	0.45
AM 90		3.49	2.17	0.27	0.12	0.76
SLT 1		25.80	25.90	4.93	2.59	15.70
SLT 2		15.25	14.50	2.56	1.13	6.91
SLT 3		9.31	7.70	1.27	0.66	4.07
SLT 4		11.60	8.41	1.31	0.54	3.27
SLT 5		7.27	5.30	0.73	0.30	1.78
SLT 6		19.95	14.10	2.14	0.94	5.56
SLT 7		12.80	9.11	1.33	0.61	3.57
SLT 8		19.25	16.50	2.53	0.92	5.33
SLT 9		19.50	14.60	2.40	1.09	6.33
SLT 10		21.50	16.50	2.57	1.09	6.32
SLT 11		32.20	26.80	4.62	1.75	9.71
SLT 12		10.75	7.52	1.10	0.41	2.40
SLT 13		19.30	16.75	2.53	1.06	6.25
SLT 14		30.40	22.00	3.49	1.42	8.27
SLT 15		20.70	15.70	2.83	1.08	6.20
SLT 16		12.50	11.20	2.36	0.97	5.39
SLT 17		12.45	10.20	1.98	0.94	5.15
SLT 18		28.60	33.00	6.62	3.40	19.35
SLT 19		12.60	11.60	2.16	1.01	6.12
SLT 20		28.50	31.00	5.63	2.55	14.80
SLT 21		13.60	12.70	2.61	1.22	6.93
SLT 22		8.41	6.60	1.11	0.55	3.31
SLT 23		10.90	8.48	1.62	0.75	4.35
SLT 24		6.39	4.93	0.92	0.50	2.93
SLT 25		7.29	5.24	0.82	0.41	2.36
SLT 26		12.25	9.86	1.67	0.80	4.78
SLT 27		8.63	6.09	0.80	0.37	2.24
SLT 28		10.30	7.16	1.06	0.49	3.01
SLT 29		11.05	7.21	1.13	0.50	2.72
SLT 30		8.18	6.29	1.05	0.50	2.97

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method	WEI-21	Au-AA23	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
SLT 31		0.42	0.007	0.03	1.66	5.8	<0.2	<10	50	5.28	0.69	0.16	0.97	286.00	2.1	4
SLT 32		0.38	0.010	0.03	1.06	6.4	<0.2	<10	60	2.24	0.45	0.07	0.70	111.50	3.4	10
SLT 33		0.44	<0.005	0.34	2.06	12.4	<0.2	<10	60	5.69	0.92	0.25	0.52	128.00	2.3	11
SLT 34		0.36	<0.005	0.07	1.28	5.3	<0.2	<10	50	2.65	0.34	0.10	0.32	160.50	3.2	11

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r	ME-MS41r
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
SLT 31		12.75	12.5	2.71	12.60	0.27	0.68	0.01	0.167	0.37	131.0	58.0	0.13	413	0.82	0.01
SLT 32		5.64	14.6	1.64	6.27	0.11	0.09	0.01	0.140	0.13	49.1	29.2	0.14	293	0.55	0.01
SLT 33		8.21	17.6	2.04	9.32	0.15	0.09	0.03	0.146	0.19	64.7	47.1	0.15	250	1.13	0.02
SLT 34		7.14	8.2	2.14	8.54	0.15	0.07	0.03	0.084	0.17	75.7	39.1	0.19	406	0.88	0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
SLT 31		3.98	3.8	200	17.3	108.0	0.001	0.01	0.19	5.6	2.2	8.0	13.9	0.03	<0.01	87.0
SLT 32		7.46	9.1	260	29.1	44.4	<0.001	0.01	0.38	3.0	0.7	4.1	5.1	0.01	0.02	40.2
SLT 33		9.49	8.2	450	22.9	66.2	<0.001	0.04	0.31	3.9	1.5	5.9	9.9	0.01	0.01	38.2
SLT 34		7.32	9.2	600	15.4	59.5	<0.001	0.06	0.35	2.5	1.3	3.7	6.7	0.01	0.02	12.1

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
SLT 31		0.107	0.97	27.90	10	3.88	129.50	134	11.2	23.60	12.80	0.44	27.00	4.60	1.20	123.0
SLT 32		0.061	0.39	8.46	14	1.93	33.20	106	1.6	6.20	3.59	0.20	7.26	1.24	0.41	43.4
SLT 33		0.062	0.52	41.80	12	2.63	54.20	178	0.7	11.80	6.58	0.27	12.95	2.23	0.87	59.5
SLT 34		0.075	0.47	13.05	20	1.26	45.20	93	0.7	9.21	5.08	0.22	11.00	1.77	0.53	61.1

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07089988

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
SLT 31		33.80	26.30	4.45	1.71	9.01
SLT 32		11.85	8.22	1.15	0.51	2.87
SLT 33		16.30	13.55	2.18	0.97	5.91
SLT 34		18.00	11.65	1.69	0.70	3.93

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 11-SEP-2007
Account: FUTMET

CERTIFICATE VA07089989

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 82 Sediment samples submitted to our lab in Vancouver, BC, Canada on 2-AUG-2007.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41r	51 anal.+REE aqua regia ICPMS	
Au-AA23	Au 30g FA-AA finish	AAS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
AMST 1		0.92	<0.005	0.16	1.31	7.8	<0.2	<10	40	4.34	0.74	0.16	1.90	127.50	3.1	9
AMST 2		1.22	<0.005	0.17	2.68	7.1	<0.2	<10	70	9.74	0.79	0.15	2.31	145.50	3.2	14
AMST 3		1.14	<0.005	0.39	2.20	11.2	<0.2	<10	60	6.87	0.83	0.14	1.42	143.00	3.0	10
AMST 4		1.06	<0.005	0.36	4.66	14.9	<0.2	<10	150	21.00	1.28	0.25	2.63	270.00	6.5	30
AMST 5		0.98	<0.005	0.18	2.47	8.1	<0.2	<10	60	7.02	0.93	0.19	0.83	142.00	2.7	12
AMST 6		0.92	<0.005	0.06	1.63	6.5	<0.2	<10	50	5.18	2.03	0.32	1.10	128.00	2.3	10
AMST 7		1.00	<0.005	0.17	1.86	5.9	<0.2	<10	80	4.99	0.68	0.17	0.33	134.50	2.7	13
AMST 8		1.12	<0.005	0.10	1.29	4.7	<0.2	<10	60	3.56	0.62	0.11	0.37	123.50	1.8	8
AMST 9		1.00	<0.005	0.08	1.43	4.4	<0.2	<10	60	4.73	0.80	0.11	0.30	155.50	3.0	10
AMST 10		0.60	<0.005	0.22	1.60	4.5	<0.2	<10	70	5.58	0.68	1.65	0.49	185.50	2.2	44
AMST 11		0.40	0.005	0.32	1.67	8.8	<0.2	<10	160	2.20	0.29	1.03	0.84	35.00	16.9	162
AST 1		0.76	<0.005	0.21	3.56	12.3	<0.2	<10	130	16.65	0.85	0.13	1.10	173.50	4.5	27
AST 2		0.58	<0.005	0.27	4.25	12.6	<0.2	<10	140	19.40	1.09	0.21	1.70	225.00	5.9	26
AST 3		0.82	<0.005	0.15	2.94	9.6	<0.2	<10	100	10.65	0.82	0.19	1.38	178.50	4.5	21
AST 4		0.50	<0.005	0.29	2.87	9.8	<0.2	<10	110	11.05	0.90	0.30	1.50	183.00	4.5	22
AST 5		0.68	<0.005	0.19	2.95	7.8	<0.2	<10	90	13.10	0.83	0.18	1.55	164.50	3.8	18
AST 6		0.50	<0.005	0.04	0.79	2.5	<0.2	<10	30	3.59	0.41	0.08	0.91	82.50	1.6	5
AST 7		0.50	<0.005	0.21	2.87	7.6	<0.2	<10	80	9.72	0.93	0.19	1.80	165.00	3.4	16
AST 8		0.72	<0.005	0.07	1.29	4.0	<0.2	<10	50	4.46	0.63	0.12	1.06	158.50	1.9	7
AST 9		0.54	<0.005	0.18	2.78	6.5	<0.2	<10	80	12.05	0.85	0.17	2.25	163.50	3.0	13
AST 10		0.60	0.005	0.04	1.07	3.2	<0.2	<10	40	4.56	0.63	0.09	1.07	139.00	1.5	5
AST 11		0.74	0.011	0.32	3.43	10.0	<0.2	<10	100	10.70	1.18	0.26	1.60	191.00	3.5	18
AST 12		0.54	<0.005	0.13	2.64	6.3	<0.2	<10	70	10.75	0.77	0.23	2.09	140.00	3.2	13
AST 13		0.34	<0.005	0.35	4.24	9.6	<0.2	<10	100	18.35	1.16	0.27	3.68	186.50	3.6	19
AST 14		0.56	<0.005	0.13	1.43	4.7	<0.2	<10	50	4.98	0.61	0.15	0.81	161.50	2.1	9
AST 15		0.68	<0.005	0.15	1.79	9.8	<0.2	<10	50	8.39	0.61	0.16	1.07	159.50	1.9	8
AST 16		1.06	<0.005	0.11	1.19	6.8	<0.2	<10	40	7.15	0.61	0.14	1.39	150.00	1.4	4
AST 17		0.94	<0.005	0.24	2.45	9.9	<0.2	<10	50	14.00	0.80	0.20	2.18	212.00	2.1	10
AST 18		1.00	0.007	0.17	1.50	6.5	<0.2	<10	40	11.30	0.58	0.19	2.07	180.50	1.7	6
AST 19		0.84	<0.005	0.16	1.59	6.2	<0.2	<10	50	7.55	0.61	0.23	1.80	247.00	2.1	7
AST 20		0.90	0.007	0.17	1.50	7.2	<0.2	<10	40	6.17	0.73	0.22	1.31	205.00	2.0	8
AST 21		0.84	<0.005	0.20	1.52	7.0	<0.2	<10	50	8.80	0.76	0.22	2.70	168.50	2.0	7
AST 22		1.02	<0.005	0.20	1.95	7.5	<0.2	<10	50	13.70	0.75	0.27	2.33	211.00	2.1	9
AST 23		1.14	<0.005	0.10	1.12	5.3	<0.2	<10	40	6.20	0.71	0.21	1.36	195.00	1.7	6
AST 24		0.78	<0.005	0.09	1.44	6.5	<0.2	<10	40	9.63	0.74	0.28	2.21	223.00	1.7	6
AST 25		0.90	0.006	0.15	2.00	8.8	<0.2	<10	40	14.45	0.78	0.22	2.28	264.00	1.9	10
AST 26		1.06	<0.005	0.19	1.57	7.1	<0.2	<10	40	9.91	0.77	0.23	1.90	202.00	1.9	7
AST 27		1.00	<0.005	0.16	1.75	8.1	<0.2	<10	40	12.85	0.63	0.22	2.53	272.00	1.7	9
AST 28		1.12	0.007	0.11	1.34	6.4	<0.2	<10	30	11.35	0.59	0.15	2.05	198.50	1.5	12
AST 29		1.08	<0.005	0.11	1.37	6.4	<0.2	<10	30	9.99	0.66	0.17	1.96	190.50	1.5	6

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
AMST 1		8.65	65.7	1.87	8.40	0.20	0.17	0.03	0.222	0.19	70.9	45.5	0.12	463	1.40	0.01
AMST 2		10.55	34.0	2.45	9.35	0.18	0.14	0.02	0.204	0.22	73.4	55.8	0.17	398	1.90	0.01
AMST 3		11.55	51.1	2.57	10.85	0.21	0.20	0.05	0.296	0.25	71.0	43.8	0.19	325	0.95	0.02
AMST 4		18.45	31.4	4.36	20.80	0.31	0.27	0.05	0.292	0.36	137.0	104.0	0.34	663	4.10	0.04
AMST 5		12.60	37.3	2.66	12.00	0.20	0.18	0.03	0.209	0.28	78.5	46.8	0.16	295	2.22	0.01
AMST 6		11.15	18.1	2.09	10.80	0.16	0.16	0.02	0.136	0.25	61.9	44.5	0.15	201	1.00	0.01
AMST 7		11.80	10.3	2.48	12.35	0.15	0.08	0.03	0.169	0.25	65.5	43.9	0.16	346	1.21	0.01
AMST 8		7.07	8.6	1.62	8.51	0.15	0.07	0.02	0.099	0.17	67.9	30.2	0.11	178	0.60	0.01
AMST 9		7.37	12.7	1.89	9.47	0.18	0.11	0.02	0.089	0.19	97.9	33.9	0.15	303	0.64	0.01
AMST 10		6.36	10.7	1.68	11.20	0.24	0.20	0.07	0.098	0.21	142.0	30.8	0.18	243	1.13	0.02
AMST 11		2.27	41.6	2.85	5.28	0.11	0.11	0.06	0.034	0.14	28.5	19.0	1.55	512	2.70	0.02
AST 1		9.27	28.9	2.58	11.70	0.19	0.20	0.04	0.118	0.20	75.3	65.2	0.22	470	1.46	0.01
AST 2		15.50	22.0	4.05	17.40	0.27	0.25	0.05	0.224	0.31	111.0	91.3	0.32	633	3.28	0.02
AST 3		12.30	18.5	3.12	13.50	0.22	0.16	0.04	0.191	0.25	89.8	71.6	0.24	507	2.98	0.02
AST 4		11.00	24.1	3.03	13.75	0.20	0.17	0.05	0.161	0.25	88.3	54.8	0.26	396	2.18	0.02
AST 5		10.65	20.4	2.68	11.90	0.21	0.15	0.04	0.178	0.23	82.8	61.1	0.21	366	2.01	0.01
AST 6		4.15	11.6	1.09	4.42	0.10	0.07	<0.01	0.082	0.12	35.7	26.5	0.06	276	0.92	0.01
AST 7		10.75	21.8	2.69	11.40	0.20	0.16	0.04	0.189	0.24	84.1	57.7	0.20	383	1.96	0.02
AST 8		6.62	12.9	1.79	7.41	0.16	0.12	0.01	0.124	0.18	78.3	38.3	0.11	280	1.13	0.01
AST 9		9.74	20.2	2.48	10.25	0.20	0.15	0.04	0.182	0.24	73.9	56.0	0.17	434	1.79	0.01
AST 10		4.85	10.5	1.24	5.59	0.14	0.12	0.01	0.086	0.11	71.2	23.4	0.07	197	0.66	0.01
AST 11		12.65	24.4	3.14	14.55	0.23	0.19	0.05	0.248	0.30	103.5	73.0	0.23	368	2.70	0.02
AST 12		8.26	17.3	2.07	10.05	0.15	0.12	0.04	0.150	0.19	65.0	42.6	0.16	474	1.77	0.02
AST 13		11.85	24.2	2.83	13.75	0.23	0.20	0.06	0.237	0.28	99.7	78.3	0.20	453	2.31	0.02
AST 14		6.88	10.7	1.65	7.61	0.17	0.11	0.02	0.123	0.17	82.1	34.7	0.12	188	1.09	0.01
AST 15		6.86	12.3	1.72	7.59	0.16	0.10	0.02	0.122	0.16	73.7	50.2	0.10	301	1.05	0.02
AST 16		5.98	11.7	1.37	6.09	0.15	0.12	0.02	0.089	0.15	64.0	39.4	0.07	284	0.84	0.01
AST 17		7.48	17.0	1.76	8.06	0.21	0.15	0.04	0.127	0.18	94.2	53.7	0.11	386	1.23	0.02
AST 18		6.86	12.0	1.51	6.83	0.18	0.14	0.02	0.102	0.17	84.6	51.4	0.08	322	0.91	0.01
AST 19		9.34	11.9	1.77	8.60	0.25	0.15	0.03	0.147	0.19	131.5	48.6	0.12	324	1.11	0.01
AST 20		7.45	12.8	1.56	7.71	0.21	0.14	0.03	0.130	0.17	107.0	41.3	0.10	283	1.36	0.01
AST 21		7.19	13.7	1.55	7.55	0.19	0.12	0.04	0.117	0.17	95.4	40.3	0.10	290	1.18	0.02
AST 22		7.77	14.0	1.66	8.38	0.21	0.14	0.04	0.111	0.18	114.0	46.7	0.11	402	1.41	0.02
AST 23		7.06	10.7	1.43	7.38	0.18	0.12	0.02	0.113	0.16	105.5	33.3	0.09	233	1.20	0.02
AST 24		6.67	10.6	1.44	6.65	0.20	0.12	0.03	0.095	0.17	93.9	46.9	0.08	326	1.06	0.02
AST 25		6.95	15.2	1.57	7.55	0.21	0.14	0.05	0.107	0.17	107.5	59.1	0.10	322	1.22	0.02
AST 26		7.29	12.2	1.56	7.74	0.18	0.12	0.03	0.117	0.17	98.8	42.3	0.10	334	1.12	0.02
AST 27		6.47	13.0	1.40	6.82	0.22	0.15	0.04	0.111	0.15	112.5	50.0	0.09	339	1.12	0.02
AST 28		5.56	10.9	1.28	5.74	0.19	0.11	0.03	0.088	0.13	98.4	45.2	0.07	263	1.62	0.02
AST 29		6.47	10.1	1.29	6.04	0.18	0.11	0.03	0.120	0.14	94.6	46.7	0.08	239	0.75	0.02

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
AMST 1		9.53	6.8	370	22.7	72.0	0.001	0.03	0.75	3.2	3.2	5.5	8.2	0.03	0.02	26.2
AMST 2		11.75	10.4	510	25.0	84.0	0.001	0.04	0.41	4.8	2.1	5.6	8.6	0.02	0.03	51.7
AMST 3		12.80	8.2	700	27.1	83.1	0.001	0.04	0.38	4.9	3.2	5.9	9.6	0.04	0.02	60.6
AMST 4		23.10	23.1	830	50.5	142.0	0.001	0.09	0.55	8.9	4.2	8.9	16.7	0.04	0.04	79.9
AMST 5		13.20	6.4	460	19.8	112.5	0.001	0.05	0.28	5.2	2.6	7.7	8.8	0.03	0.02	67.6
AMST 6		13.75	6.6	310	18.4	89.2	0.001	0.03	0.23	3.5	2.0	8.2	11.1	0.02	0.02	41.3
AMST 7		13.55	7.5	460	21.9	83.6	<0.001	0.08	0.30	4.0	1.1	7.0	12.0	0.01	0.01	27.8
AMST 8		9.13	5.3	300	18.3	60.3	<0.001	0.03	0.21	3.0	1.0	5.1	7.9	0.01	0.01	23.2
AMST 9		10.75	8.0	310	20.4	64.0	<0.001	0.02	0.24	4.0	1.5	5.3	10.2	0.02	0.01	32.4
AMST 10		12.45	6.9	1010	16.5	57.5	0.001	0.16	0.46	2.8	5.5	3.7	53.7	0.04	0.03	9.4
AMST 11		4.65	256.0	750	8.9	22.0	0.001	0.08	0.53	7.0	2.1	1.2	33.5	0.01	0.04	6.9
AST 1		12.05	19.9	650	26.7	70.8	0.001	0.04	0.41	5.6	2.7	5.0	10.4	0.04	0.03	45.8
AST 2		16.15	19.5	770	44.9	120.0	0.001	0.06	0.41	7.9	3.3	7.4	14.9	0.04	0.04	59.8
AST 3		14.35	16.1	620	33.7	96.6	0.001	0.06	0.43	5.8	2.9	6.0	12.4	0.03	0.02	47.5
AST 4		12.50	14.7	700	26.7	88.6	0.001	0.09	0.42	4.6	2.9	6.6	15.6	0.03	0.02	22.6
AST 5		13.65	12.8	570	25.7	84.2	<0.001	0.05	0.37	5.2	2.5	5.7	11.3	0.03	0.02	42.5
AST 6		6.31	3.9	140	12.5	35.8	<0.001	0.01	0.47	2.1	0.7	3.7	4.3	0.01	0.01	24.3
AST 7		13.00	11.1	510	25.8	84.4	0.001	0.05	0.29	4.8	2.4	6.3	11.0	0.03	0.02	40.4
AST 8		8.22	5.7	230	18.1	61.1	<0.001	0.02	0.35	3.4	1.2	5.1	6.7	0.02	0.01	41.8
AST 9		13.75	9.6	460	22.1	83.8	<0.001	0.05	0.27	4.6	2.2	6.8	9.6	0.03	0.02	39.5
AST 10		8.88	3.8	180	12.5	40.7	<0.001	0.02	0.18	2.4	1.1	3.6	4.6	0.02	0.01	48.3
AST 11		13.60	11.5	530	27.6	119.5	0.001	0.05	0.37	6.0	2.9	9.2	13.0	0.03	0.03	55.6
AST 12		11.85	8.8	500	17.8	75.4	<0.001	0.09	0.33	3.5	1.9	6.0	11.5	0.03	0.02	18.0
AST 13		14.35	12.0	650	26.1	108.0	0.001	0.07	0.32	5.5	3.6	8.5	13.5	0.04	0.03	41.3
AST 14		8.72	5.3	310	13.4	65.7	<0.001	0.02	0.20	3.5	1.5	5.1	7.2	0.02	0.01	37.3
AST 15		8.99	5.3	330	21.7	58.4	<0.001	0.02	0.31	3.6	1.6	5.4	6.8	0.02	0.01	35.2
AST 16		11.00	2.8	220	14.5	54.2	<0.001	0.01	0.50	3.2	1.6	4.8	6.2	0.02	0.01	35.3
AST 17		10.35	5.4	440	19.5	67.2	0.001	0.03	0.28	3.8	2.9	5.5	8.6	0.04	0.03	42.7
AST 18		11.35	3.8	280	16.1	60.1	<0.001	0.02	0.38	3.4	2.0	4.6	6.9	0.03	0.02	63.8
AST 19		12.35	4.1	440	14.5	83.3	<0.001	0.04	0.28	4.3	2.4	5.7	9.7	0.03	0.02	70.3
AST 20		9.98	4.5	360	17.7	67.2	<0.001	0.03	0.35	3.5	2.1	5.5	9.2	0.02	0.02	30.9
AST 21		9.71	4.7	400	16.7	61.5	0.001	0.05	0.29	3.2	1.8	5.1	9.3	0.02	0.01	39.1
AST 22		8.56	4.7	510	19.2	65.6	0.001	0.07	0.60	3.3	2.2	5.5	10.3	0.03	0.02	31.4
AST 23		8.35	3.7	310	16.3	61.4	0.001	0.05	0.28	3.5	1.4	5.0	8.7	0.02	0.02	47.5
AST 24		10.30	3.4	330	14.5	55.7	0.001	0.04	0.41	3.4	1.9	4.3	9.5	0.03	0.02	30.1
AST 25		10.00	5.5	410	16.7	59.2	0.001	0.05	0.43	3.6	2.3	4.8	9.2	0.04	0.03	51.0
AST 26		8.71	4.5	350	17.2	66.3	0.001	0.04	0.28	3.5	2.0	5.0	9.4	0.03	0.02	34.9
AST 27		9.88	4.6	390	15.6	54.4	0.001	0.05	0.56	3.4	2.3	4.6	9.0	0.05	0.02	41.9
AST 28		9.20	7.6	300	15.7	50.1	<0.001	0.02	0.48	2.9	1.5	4.5	6.2	0.03	0.01	41.0
AST 29		10.00	3.8	330	14.1	53.9	0.001	0.04	0.23	2.9	1.6	4.2	7.0	0.02	0.02	47.8

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
AMST 1		0.054	0.74	110.00	12	3.72	122.00	181	0.9	26.50	15.65	0.34	23.40	5.28	2.25	77.7
AMST 2		0.080	0.72	54.80	16	2.49	81.50	460	1.5	16.80	9.72	0.29	16.25	3.38	1.26	70.5
AMST 3		0.074	0.69	73.30	16	2.66	139.50	338	1.4	28.50	16.75	0.44	25.20	5.73	2.18	87.4
AMST 4		0.138	1.24	96.30	34	3.74	163.00	466	2.8	34.70	19.45	0.59	32.00	6.57	2.54	142.5
AMST 5		0.107	0.87	93.00	19	4.72	113.00	252	1.6	23.70	12.70	0.36	21.40	4.51	1.75	84.8
AMST 6		0.076	0.88	132.00	12	3.17	103.00	135	1.9	17.75	11.00	0.27	16.70	3.72	1.27	64.6
AMST 7		0.100	0.72	23.90	17	2.49	43.20	126	1.3	8.57	4.63	0.22	10.25	1.64	0.57	54.2
AMST 8		0.064	0.46	27.40	11	2.21	43.00	98	0.6	9.22	4.99	0.24	11.10	1.76	0.58	59.2
AMST 9		0.080	0.55	46.10	15	2.99	69.60	84	1.1	14.90	8.43	0.36	15.40	2.90	1.08	74.7
AMST 10		0.070	0.41	872.00	11	1.70	128.00	83	1.6	22.40	13.85	0.68	26.10	4.65	1.68	123.0
AMST 11		0.068	0.20	71.20	45	0.40	51.90	76	1.8	6.88	4.56	0.71	6.58	1.47	0.67	26.7
AST 1		0.070	0.60	70.90	23	2.72	106.00	185	1.9	22.60	13.25	0.40	20.60	4.51	1.88	86.7
AST 2		0.124	1.06	83.20	31	2.78	141.00	378	2.2	28.80	17.20	0.58	27.80	5.90	2.27	119.0
AST 3		0.098	0.86	64.30	24	2.36	115.00	299	1.6	23.20	12.65	0.43	22.00	4.40	1.67	98.0
AST 4		0.095	0.74	74.30	28	2.95	125.00	183	1.1	23.90	14.10	0.45	23.10	4.78	1.71	97.7
AST 5		0.089	0.73	64.40	20	2.96	103.00	382	1.2	21.40	13.20	0.40	21.20	4.46	1.63	86.8
AST 6		0.039	0.31	16.70	5	1.24	31.40	175	1.0	5.91	3.58	0.11	6.63	1.23	0.46	31.5
AST 7		0.088	0.75	61.60	19	2.86	99.80	495	1.3	20.20	11.90	0.36	20.40	4.04	1.58	86.7
AST 8		0.067	0.50	34.60	10	6.55	55.60	259	1.7	12.25	6.96	0.20	13.40	2.41	0.87	70.5
AST 9		0.085	0.76	60.90	16	3.43	92.50	566	1.4	19.35	11.25	0.33	18.95	3.97	1.56	78.1
AST 10		0.044	0.36	21.60	7	2.31	47.20	144	1.6	9.35	5.36	0.15	10.90	1.86	0.64	57.0
AST 11		0.106	0.96	83.20	21	3.79	135.00	527	2.0	25.10	14.05	0.41	25.00	4.87	1.93	108.5
AST 12		0.071	0.64	41.60	18	3.09	76.40	286	1.4	14.70	8.31	0.29	14.40	2.84	1.12	62.0
AST 13		0.092	0.93	129.50	19	3.67	150.50	733	1.7	29.40	16.35	0.48	27.30	5.61	2.31	111.5
AST 14		0.066	0.51	50.40	11	3.25	66.30	155	1.5	12.95	6.94	0.24	14.70	2.41	0.90	73.0
AST 15		0.053	0.47	41.40	9	1.58	66.30	276	0.9	12.75	7.04	0.24	13.85	2.42	0.95	64.6
AST 16		0.051	0.44	53.30	6	2.00	64.30	193	1.6	12.50	6.83	0.19	13.15	2.33	0.87	56.3
AST 17		0.060	0.62	142.50	10	2.77	104.00	334	1.2	20.20	11.25	0.37	21.20	3.87	1.55	93.5
AST 18		0.056	0.53	71.70	7	2.20	80.40	252	1.4	16.00	8.92	0.25	16.85	3.06	1.12	77.7
AST 19		0.071	0.68	107.50	9	2.61	96.30	203	1.5	19.00	10.10	0.35	22.50	3.53	1.28	117.5
AST 20		0.059	0.56	99.90	8	4.37	78.90	177	1.5	15.55	8.42	0.29	18.30	2.92	1.06	94.4
AST 21		0.057	0.48	87.50	9	6.96	75.40	195	0.8	16.35	9.06	0.30	18.35	3.20	1.30	88.3
AST 22		0.060	0.55	110.50	10	3.90	86.80	225	0.6	20.90	11.20	0.42	22.80	4.07	1.62	106.5
AST 23		0.055	0.49	72.10	8	5.99	68.10	110	0.7	15.65	8.21	0.32	17.90	2.93	1.10	92.6
AST 24		0.058	0.46	86.70	8	9.95	74.80	191	0.7	16.50	8.84	0.31	18.25	3.16	1.18	89.1
AST 25		0.056	0.52	110.50	9	6.46	89.60	276	0.7	19.85	11.40	0.35	20.40	3.85	1.66	103.5
AST 26		0.060	0.53	92.50	9	2.57	79.70	176	0.6	17.75	10.00	0.33	19.65	3.53	1.36	94.3
AST 27		0.052	0.49	116.50	8	5.81	86.90	231	0.8	20.50	11.45	0.39	22.40	3.97	1.64	108.0
AST 28		0.048	0.43	60.30	6	2.31	59.90	210	0.6	14.00	7.40	0.26	16.40	2.61	1.05	88.1
AST 29		0.050	0.44	74.50	7	5.71	65.20	195	0.7	15.00	8.44	0.28	17.00	2.74	1.16	84.8

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
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NORTH VANCOUVER BC V7G 1A2

Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
AMST 1		20.50	23.20	4.46	2.49	15.75
AMST 2		19.70	17.15	2.96	1.46	8.83
AMST 3		23.10	27.00	4.88	2.53	15.90
AMST 4		38.50	34.90	5.89	3.09	18.60
AMST 5		22.90	22.40	4.14	1.96	12.05
AMST 6		17.20	16.50	3.10	1.55	8.83
AMST 7		16.20	11.35	1.65	0.72	4.07
AMST 8		17.40	12.15	1.78	0.74	4.28
AMST 9		21.70	15.85	2.61	1.24	7.45
AMST 10		34.10	26.00	4.06	1.97	11.05
AMST 11		6.74	6.18	1.17	0.69	4.15
AST 1		23.40	22.20	3.91	2.13	13.30
AST 2		32.30	29.40	5.17	2.59	15.50
AST 3		27.10	24.50	4.05	1.97	11.50
AST 4		27.10	24.80	4.25	2.09	12.65
AST 5		24.20	21.50	3.80	1.94	11.70
AST 6		8.77	6.94	1.11	0.53	3.26
AST 7		23.80	21.20	3.59	1.77	10.95
AST 8		19.80	14.25	2.23	0.98	6.15
AST 9		22.10	18.95	3.44	1.74	11.10
AST 10		16.80	11.45	1.78	0.77	4.53
AST 11		27.20	26.70	4.20	2.09	13.90
AST 12		16.55	15.10	2.44	1.21	8.08
AST 13		28.10	28.60	4.78	2.45	16.45
AST 14		19.30	15.70	2.24	1.00	6.60
AST 15		17.60	14.75	2.20	1.04	6.99
AST 16		15.15	13.20	2.08	0.98	6.43
AST 17		24.30	21.90	3.42	1.65	11.05
AST 18		20.40	17.40	2.73	1.27	8.26
AST 19		31.50	24.40	3.37	1.42	9.32
AST 20		24.90	19.25	2.76	1.19	7.80
AST 21		25.70	19.70	2.92	1.31	8.72
AST 22		30.50	24.60	3.79	1.54	10.60
AST 23		26.70	20.00	2.76	1.14	7.68
AST 24		24.50	19.95	3.00	1.25	8.47
AST 25		29.20	23.00	3.44	1.67	11.20
AST 26		27.30	21.00	3.17	1.44	9.50
AST 27		31.20	24.30	3.61	1.68	10.85
AST 28		26.30	17.60	2.58	1.03	7.10
AST 29		24.90	18.45	2.72	1.27	8.33

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
AST 30		1.00	<0.005	0.13	1.48	6.7	<0.2	<10	40	9.12	0.56	0.20	2.19	221.00	1.8	17
AST 31		0.76	0.007	0.15	1.60	12.1	<0.2	<10	40	11.45	0.64	0.30	2.59	255.00	1.9	9
AST 32		0.90	<0.005	0.22	1.41	7.4	<0.2	<10	40	7.20	0.70	0.24	1.64	208.00	1.9	8
AST 33		0.66	<0.005	0.21	1.74	8.5	<0.2	<10	50	13.80	0.75	0.25	2.27	181.50	1.9	9
AST 34		0.88	<0.005	0.10	1.65	6.6	<0.2	<10	40	12.75	0.59	0.23	1.72	199.50	1.7	8
AST 35		1.06	<0.005	0.06	0.94	4.6	<0.2	<10	40	7.30	0.57	0.16	1.24	209.00	1.6	7
AST 36		0.98	<0.005	0.10	1.21	6.2	<0.2	<10	40	8.80	0.66	0.21	1.51	197.50	1.9	9
AST 37		0.90	<0.005	0.02	0.77	4.9	<0.2	<10	40	5.22	0.38	0.15	0.93	163.50	1.8	5
AST 38		0.96	<0.005	0.04	0.87	4.1	<0.2	<10	40	5.52	0.48	0.17	1.10	185.00	1.9	6
AST 39		0.94	<0.005	0.05	0.86	3.6	<0.2	<10	40	5.56	0.59	0.17	1.23	245.00	1.8	5
AST 40		1.00	0.010	0.11	1.12	4.8	<0.2	<10	40	10.05	1.09	0.19	2.06	191.00	1.8	8
AST 41		0.98	0.013	0.17	1.19	5.5	<0.2	<10	40	9.40	0.85	0.21	1.67	243.00	2.1	10
AST 42		0.88	<0.005	0.10	1.17	5.4	<0.2	<10	50	6.88	0.92	0.28	1.47	204.00	2.0	12
AST 43		0.78	0.005	0.05	1.11	4.7	<0.2	<10	60	6.07	1.37	0.29	1.46	153.50	2.5	11
AST 44		1.12	0.007	0.03	0.75	3.7	<0.2	<10	50	5.09	0.65	0.17	0.88	171.50	2.0	9
AST 45		0.90	0.011	0.12	1.11	4.9	<0.2	<10	50	9.07	0.70	0.19	1.54	191.50	2.2	22
AST 46		1.02	0.012	0.04	0.94	7.3	<0.2	<10	50	6.14	0.74	0.17	1.25	218.00	2.2	11
AST 47		0.92	0.010	0.10	0.79	4.2	<0.2	<10	40	4.62	0.74	0.15	0.91	181.50	2.1	18
AST 48		0.80	<0.005	0.05	1.13	5.8	<0.2	<10	50	8.62	0.76	0.22	1.41	198.00	2.4	13
AST 49		0.88	0.010	0.14	1.27	5.3	<0.2	<10	50	11.75	0.71	0.23	2.76	164.50	2.5	18
AST 50		1.04	0.007	0.06	0.93	4.7	<0.2	<10	50	6.03	0.62	0.17	1.05	146.50	2.3	12
AST 51		0.94	0.008	0.06	0.97	5.2	<0.2	<10	50	7.35	0.74	0.20	1.22	170.00	2.4	11
AST 52		0.44	0.017	0.09	0.94	9.5	<0.2	<10	160	2.05	0.36	0.41	0.99	59.50	5.9	32
AST 53		0.98	0.012	0.11	0.93	5.0	<0.2	<10	50	5.66	0.67	0.22	1.21	143.00	2.7	16
AST 54		1.02	0.013	0.28	1.24	5.8	<0.2	<10	60	9.28	0.73	0.27	1.11	156.00	3.4	29
AST 55		0.84	0.007	0.31	1.61	7.6	<0.2	<10	100	7.02	0.72	0.52	1.10	112.50	7.2	63
AST 56		1.14	0.009	0.04	0.79	4.1	<0.2	<10	50	4.68	0.51	0.20	0.87	123.50	4.7	24
AST 57		1.06	0.007	0.06	0.94	4.9	<0.2	<10	60	6.81	0.55	0.29	1.21	175.50	4.8	35
AST 58		1.06	0.014	0.03	0.69	4.5	<0.2	<10	50	3.80	1.68	0.20	0.81	184.00	4.4	29
BSTS 1		0.44	0.007	0.30	5.87	18.2	<0.2	<10	140	18.60	1.46	0.37	3.17	287.00	7.1	32
BSTS 2		0.78	0.007	0.13	1.96	4.1	<0.2	<10	70	12.35	0.83	0.40	1.68	204.00	3.0	7
BSTS 3		0.86	0.007	0.06	1.01	2.8	<0.2	<10	50	3.67	0.39	0.35	0.48	120.00	2.1	5
BSTS 4		0.72	0.005	0.03	1.08	3.5	<0.2	<10	70	6.00	1.05	0.17	0.80	204.00	2.9	7
BSTS 5		0.70	0.005	0.05	1.12	4.0	<0.2	<10	60	8.19	1.01	0.19	1.15	248.00	2.7	8
BSTS 6		0.92	0.005	0.01	0.91	4.1	<0.2	<10	70	4.50	1.79	0.16	0.80	198.00	2.5	4
STT 34		0.46	0.010	0.09	1.14	6.0	<0.2	<10	40	7.95	0.46	0.12	0.96	97.80	1.6	5
STT 35		0.54	0.006	0.18	2.40	9.4	<0.2	<10	60	14.10	0.81	0.16	2.60	140.00	2.3	10
STT 36		0.36	0.014	0.09	1.69	7.8	<0.2	<10	40	11.75	0.59	0.13	3.23	122.00	1.6	7
STT 37		0.40	0.023	0.01	0.81	6.7	<0.2	<10	30	5.24	0.67	0.11	0.94	98.10	1.5	4
STT 38		0.38	0.022	0.26	0.61	4.9	<0.2	<10	20	3.50	0.87	0.08	0.62	73.90	1.0	2

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
AST 30		6.51	11.0	1.43	6.13	0.19	0.10	0.03	0.114	0.15	105.0	47.1	0.09	301	2.39	0.02
AST 31		7.39	13.5	1.47	7.27	0.25	0.15	0.04	0.105	0.15	131.5	43.6	0.09	350	1.97	0.02
AST 32		7.30	11.4	1.59	7.78	0.21	0.11	0.03	0.108	0.17	122.5	43.9	0.11	244	1.21	0.02
AST 33		7.87	12.9	1.65	7.81	0.20	0.13	0.03	0.119	0.18	99.9	55.9	0.11	281	1.18	0.02
AST 34		6.98	10.8	1.58	6.57	0.19	0.11	0.02	0.093	0.17	86.7	52.1	0.10	310	1.20	0.02
AST 35		5.22	7.6	1.30	5.63	0.17	0.09	0.02	0.082	0.12	107.5	40.5	0.08	216	1.24	0.01
AST 36		5.35	9.8	1.35	5.96	0.19	0.09	0.02	0.083	0.13	106.5	40.9	0.10	268	1.20	0.02
AST 37		5.04	5.7	1.37	5.14	0.16	0.10	<0.01	0.079	0.13	78.7	37.0	0.08	275	1.09	0.02
AST 38		5.19	7.3	1.42	5.61	0.17	0.08	0.01	0.075	0.13	91.2	38.4	0.09	264	1.10	0.01
AST 39		5.75	6.8	1.59	6.22	0.19	0.12	0.01	0.097	0.15	124.5	44.8	0.10	278	0.93	0.02
AST 40		5.25	9.9	1.37	5.64	0.20	0.09	0.03	0.113	0.12	105.5	43.7	0.10	263	1.27	0.02
AST 41		5.11	10.4	1.46	5.80	0.19	0.10	0.03	0.084	0.13	125.5	42.6	0.11	273	1.38	0.02
AST 42		5.03	10.3	1.41	5.56	0.17	0.10	0.03	0.089	0.13	96.6	37.4	0.11	289	1.24	0.02
AST 43		5.48	12.7	1.71	6.83	0.15	0.08	0.04	0.139	0.14	77.8	34.1	0.15	259	1.52	0.02
AST 44		4.84	8.1	1.46	5.49	0.16	0.10	0.01	0.081	0.13	80.4	39.9	0.11	240	1.38	0.02
AST 45		5.14	10.0	1.60	5.72	0.16	0.10	0.02	0.079	0.14	94.1	47.8	0.11	320	2.59	0.02
AST 46		6.38	8.5	1.71	6.61	0.18	0.10	0.01	0.090	0.15	110.0	52.1	0.11	273	1.71	0.02
AST 47		5.17	9.6	1.59	5.83	0.15	0.11	0.01	0.087	0.15	95.0	53.7	0.10	256	2.44	0.03
AST 48		5.29	11.2	1.61	6.26	0.16	0.11	0.03	0.098	0.15	104.5	52.6	0.12	283	1.67	0.03
AST 49		5.04	11.8	1.53	6.00	0.17	0.12	0.04	0.090	0.14	102.5	57.0	0.13	283	2.25	0.02
AST 50		5.59	9.3	1.64	6.18	0.14	0.10	0.02	0.092	0.15	77.0	55.1	0.12	279	1.86	0.02
AST 51		5.21	10.5	1.54	5.87	0.15	0.10	0.04	0.083	0.14	90.1	48.1	0.13	262	1.57	0.03
AST 52		2.66	30.1	2.53	5.91	0.07	0.03	0.02	0.044	0.11	33.1	23.3	0.28	691	3.21	0.03
AST 53		4.56	11.8	1.44	5.32	0.15	0.09	0.03	0.071	0.12	83.6	40.3	0.17	269	1.32	0.03
AST 54		4.20	15.3	1.65	5.57	0.17	0.11	0.04	0.079	0.13	105.5	47.7	0.24	191	1.26	0.02
AST 55		5.06	31.1	2.06	6.88	0.18	0.14	0.05	0.084	0.19	95.4	41.7	0.62	349	1.82	0.03
AST 56		4.30	12.7	1.70	5.16	0.13	0.09	0.01	0.081	0.13	69.0	39.0	0.38	280	1.03	0.02
AST 57		4.04	13.3	1.76	5.26	0.17	0.11	0.01	0.066	0.13	99.8	36.1	0.37	287	1.27	0.02
AST 58		3.55	10.2	1.84	4.86	0.18	0.12	0.02	0.074	0.11	105.0	31.4	0.33	237	1.04	0.02
BSTS 1		19.85	24.5	4.92	22.50	0.33	0.30	0.08	0.392	0.36	139.0	99.7	0.32	1255	6.06	0.03
BSTS 2		10.50	14.9	2.32	10.50	0.22	0.15	0.03	0.199	0.32	124.0	61.2	0.17	353	0.73	0.03
BSTS 3		5.07	5.0	1.62	6.33	0.10	0.05	0.01	0.084	0.16	57.9	26.0	0.10	517	0.49	0.03
BSTS 4		5.70	11.7	1.92	7.04	0.17	0.09	0.01	0.100	0.17	104.0	52.7	0.14	342	0.92	0.02
BSTS 5		5.02	12.3	1.70	6.54	0.19	0.10	0.03	0.091	0.15	133.0	50.8	0.12	327	0.88	0.02
BSTS 6		5.74	10.0	1.89	7.06	0.18	0.10	0.01	0.096	0.17	106.5	54.5	0.13	295	2.22	0.02
STT 34		4.81	11.1	1.17	5.37	0.11	0.09	0.01	0.090	0.11	52.2	34.7	0.08	211	0.63	0.02
STT 35		7.55	16.3	1.70	8.86	0.17	0.14	0.04	0.140	0.17	79.2	59.9	0.12	249	1.05	0.03
STT 36		5.66	12.5	1.31	6.33	0.14	0.13	0.02	0.100	0.14	65.5	44.6	0.08	235	0.87	0.02
STT 37		4.34	12.9	1.12	4.72	0.10	0.09	0.01	0.072	0.11	45.2	32.2	0.06	269	0.88	0.02
STT 38		4.13	12.0	0.99	4.22	0.07	0.08	0.01	0.072	0.10	39.0	27.6	0.04	158	0.60	0.02

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
AST 30		9.54	11.3	350	16.0	54.1	0.001	0.04	0.42	3.2	1.8	4.3	8.6	0.03	0.02	39.7
AST 31		9.37	4.9	440	18.7	57.8	0.001	0.07	0.38	3.4	2.5	4.4	11.4	0.04	0.02	38.1
AST 32		9.65	5.1	410	16.7	62.2	0.001	0.06	0.32	3.6	1.7	4.8	9.8	0.02	0.01	47.7
AST 33		10.00	5.6	460	16.0	64.5	<0.001	0.06	0.29	3.6	2.1	5.0	10.4	0.03	0.02	32.9
AST 34		9.98	4.3	390	14.7	53.9	<0.001	0.05	0.30	3.2	1.8	4.1	9.4	0.04	0.02	30.7
AST 35		8.66	4.2	310	11.2	41.2	<0.001	0.03	0.40	2.7	1.2	3.5	6.7	0.02	0.02	51.7
AST 36		8.72	5.1	400	12.2	46.2	0.001	0.04	0.30	2.9	1.5	3.6	8.8	0.02	0.02	41.1
AST 37		7.42	3.6	240	10.1	40.8	<0.001	0.02	0.54	2.7	0.8	3.2	5.2	0.01	0.01	28.1
AST 38		8.19	4.4	310	12.7	45.2	<0.001	0.02	0.46	2.7	1.0	3.3	6.9	0.01	0.01	47.6
AST 39		8.44	3.9	330	12.7	47.3	<0.001	0.03	0.50	3.0	1.0	3.6	5.9	0.02	0.01	42.3
AST 40		8.84	4.9	380	13.7	44.6	0.001	0.05	0.26	2.8	1.5	3.4	8.3	0.02	0.02	33.8
AST 41		8.10	6.4	420	13.5	43.0	0.001	0.05	0.51	2.8	1.9	3.3	8.2	0.02	0.02	61.5
AST 42		7.37	5.8	420	13.0	42.9	<0.001	0.06	0.29	2.7	2.1	3.2	11.1	0.02	0.03	22.5
AST 43		6.87	8.2	380	15.3	52.4	<0.001	0.04	0.23	2.6	1.0	4.2	12.0	0.01	0.02	13.9
AST 44		6.16	8.3	250	13.4	41.3	<0.001	0.02	0.27	2.7	0.8	3.5	6.2	0.01	0.01	28.8
AST 45		9.50	13.4	360	13.6	43.8	<0.001	0.04	0.35	2.9	1.5	3.7	7.7	0.02	0.01	38.5
AST 46		9.68	8.3	310	13.8	52.4	0.001	0.02	0.25	3.2	1.0	4.1	6.8	0.02	0.01	35.3
AST 47		6.77	13.7	290	14.4	53.1	<0.001	0.02	0.17	3.2	1.0	4.0	6.5	0.02	<0.01	40.5
AST 48		9.16	9.6	380	15.6	57.7	0.001	0.03	0.20	3.2	1.6	3.8	9.4	0.02	0.01	48.0
AST 49		7.75	14.2	400	14.4	52.6	<0.001	0.04	0.24	3.1	2.0	3.8	10.6	0.02	0.01	43.5
AST 50		7.59	10.6	300	14.5	56.3	<0.001	0.02	0.22	3.2	1.0	3.7	7.6	0.01	0.01	31.0
AST 51		7.79	10.7	320	14.3	55.4	<0.001	0.02	0.24	3.0	1.4	3.7	9.5	0.02	0.01	31.2
AST 52		2.89	18.9	890	23.6	28.7	<0.001	0.04	1.62	3.0	0.6	2.3	21.8	0.01	0.01	4.8
AST 53		6.80	16.0	350	13.0	47.2	<0.001	0.03	0.28	2.8	1.7	3.2	9.9	0.01	0.01	22.3
AST 54		6.93	30.3	450	12.6	43.5	<0.001	0.04	0.29	3.3	2.1	3.6	11.7	0.02	0.02	29.2
AST 55		7.14	102.0	540	13.9	54.9	<0.001	0.06	0.40	5.2	3.7	3.6	21.2	0.02	0.03	18.8
AST 56		5.74	41.3	290	11.0	44.9	<0.001	0.02	0.25	3.0	0.9	3.2	9.3	0.01	0.01	24.7
AST 57		8.30	42.8	370	11.8	42.9	<0.001	0.02	0.25	3.2	1.4	3.0	11.4	0.02	0.01	47.6
AST 58		6.06	38.1	330	13.5	35.8	<0.001	0.01	0.25	2.9	0.9	3.2	7.2	0.01	0.01	53.5
BSTS 1		14.95	21.4	900	57.2	178.5	0.001	0.13	0.55	9.4	4.6	8.4	18.7	0.05	0.05	75.9
BSTS 2		10.05	6.6	560	19.3	112.5	0.001	0.04	0.54	5.3	2.3	7.5	15.6	0.02	0.01	32.3
BSTS 3		4.79	3.2	290	13.1	45.6	<0.001	0.02	0.27	2.8	0.8	3.4	13.9	0.01	<0.01	16.8
BSTS 4		7.33	6.2	380	16.2	64.2	<0.001	0.02	0.20	3.5	1.3	3.6	7.9	0.02	0.01	42.1
BSTS 5		8.37	6.2	430	15.4	56.3	<0.001	0.03	0.21	3.3	1.9	3.1	8.9	0.02	0.01	33.2
BSTS 6		5.80	5.1	330	18.6	63.8	<0.001	0.01	0.21	3.4	1.1	3.5	7.1	0.02	<0.01	40.3
STT 34		7.13	4.2	270	14.9	46.7	<0.001	0.03	0.55	2.5	1.5	3.6	6.6	0.02	<0.01	25.1
STT 35		9.10	7.2	420	22.1	71.7	<0.001	0.05	0.30	3.8	2.3	5.4	9.4	0.02	<0.01	33.8
STT 36		8.48	4.3	290	17.5	55.6	<0.001	0.03	0.33	3.1	2.0	4.6	7.2	0.03	0.01	33.0
STT 37		7.30	3.9	180	17.1	42.6	<0.001	0.02	0.68	2.5	1.1	3.8	5.7	0.01	<0.01	42.5
STT 38		5.76	1.9	110	10.6	39.5	<0.001	0.01	0.23	2.2	0.8	3.3	4.4	0.01	<0.01	35.5

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
AST 30		0.054	0.45	78.10	7	11.50	66.40	202	0.5	16.05	8.73	0.35	18.95	3.15	1.17	93.2
AST 31		0.058	0.52	127.50	8	9.21	104.00	193	0.6	21.80	11.90	0.44	24.90	4.22	1.72	124.5
AST 32		0.063	0.46	71.00	9	10.35	72.90	160	0.8	15.45	8.40	0.34	19.75	3.08	1.17	108.0
AST 33		0.063	0.52	96.40	9	3.19	84.30	235	0.8	18.95	10.80	0.40	21.00	3.72	1.44	98.7
AST 34		0.066	0.49	82.20	8	3.57	73.90	211	0.6	16.80	8.86	0.35	18.45	3.18	1.25	87.7
AST 35		0.057	0.30	35.50	8	7.43	50.50	126	0.6	11.00	6.05	0.23	14.80	2.08	0.81	86.2
AST 36		0.057	0.36	65.40	9	4.18	60.50	144	0.6	13.05	7.23	0.30	16.20	2.50	0.97	89.6
AST 37		0.060	0.33	18.50	7	1.76	38.90	111	1.0	9.06	4.76	0.18	11.75	1.76	0.60	64.1
AST 38		0.064	0.33	25.70	8	2.37	42.60	121	0.8	8.96	4.67	0.23	12.00	1.68	0.62	78.1
AST 39		0.073	0.38	21.20	8	6.08	45.50	131	1.2	11.40	6.22	0.24	16.25	2.21	0.75	96.6
AST 40		0.057	0.36	57.00	8	10.00	54.60	144	0.5	12.15	6.72	0.30	14.70	2.34	0.91	86.6
AST 41		0.058	0.35	67.70	10	17.20	60.70	149	0.6	14.10	7.95	0.36	18.80	2.71	1.08	106.0
AST 42		0.057	0.39	100.00	9	3.43	65.20	117	0.5	14.60	8.23	0.43	17.40	2.86	1.07	87.5
AST 43		0.064	0.42	38.70	14	6.25	45.20	106	0.6	10.25	5.38	0.32	12.60	1.96	0.67	66.7
AST 44		0.063	0.32	15.00	9	3.07	33.80	112	1.3	7.80	4.25	0.21	11.20	1.50	0.53	65.1
AST 45		0.065	0.36	47.40	9	4.91	49.40	141	0.8	11.55	6.46	0.29	13.95	2.20	0.89	77.5
AST 46		0.076	0.37	26.00	10	4.09	47.20	136	1.1	10.35	5.73	0.24	14.00	1.94	0.75	87.9
AST 47		0.068	0.34	17.45	8	3.78	43.10	121	1.6	8.41	4.68	0.20	11.80	1.64	0.58	68.5
AST 48		0.067	0.38	52.10	10	7.27	58.40	141	0.9	11.90	6.72	0.30	15.30	2.33	0.85	81.9
AST 49		0.058	0.37	77.60	10	6.04	74.20	146	0.7	14.55	8.07	0.37	16.50	2.83	1.06	84.8
AST 50		0.071	0.38	25.60	9	3.22	45.70	136	1.1	8.69	4.92	0.22	11.00	1.71	0.62	59.9
AST 51		0.063	0.39	41.90	10	8.63	50.60	118	0.9	9.94	5.69	0.27	12.90	1.96	0.70	68.9
AST 52		0.068	0.19	8.78	39	0.71	19.10	123	<0.5	3.56	1.99	0.30	4.50	0.69	0.24	25.2
AST 53		0.055	0.34	59.00	11	8.54	50.50	104	0.5	10.20	5.78	0.30	12.80	2.01	0.75	66.4
AST 54		0.054	0.31	85.00	14	14.35	69.20	106	0.7	13.65	7.80	0.40	16.00	2.75	1.05	84.7
AST 55		0.062	0.41	118.00	21	1.98	99.30	109	0.9	17.65	10.40	0.72	19.10	3.59	1.41	88.4
AST 56		0.064	0.29	20.40	14	4.37	36.30	89	1.1	6.76	3.93	0.23	9.06	1.36	0.49	51.1
AST 57		0.062	0.27	40.70	16	2.30	54.30	94	1.1	10.25	5.90	0.30	13.40	2.04	0.76	74.5
AST 58		0.059	0.24	19.45	16	14.00	43.20	78	1.5	8.65	4.82	0.24	12.10	1.68	0.60	73.6
BSTS 1		0.123	1.32	122.00	37	3.37	199.50	769	1.8	41.20	23.00	0.68	39.80	8.07	3.11	154.0
BSTS 2		0.093	0.77	85.00	12	5.92	94.00	167	0.8	19.05	10.55	0.54	21.90	3.71	1.28	108.5
BSTS 3		0.055	0.33	27.10	8	0.78	36.40	82	<0.5	6.89	3.72	0.35	8.89	1.35	0.45	46.9
BSTS 4		0.092	0.46	26.80	11	3.11	47.30	142	0.9	9.53	5.26	0.30	13.35	1.84	0.65	78.5
BSTS 5		0.078	0.38	38.50	11	7.77	57.80	135	0.8	11.70	6.47	0.35	16.35	2.27	0.82	100.5
BSTS 6		0.094	0.43	16.20	10	1.99	43.60	136	1.2	8.73	4.73	0.27	12.85	1.69	0.56	77.5
STT 34		0.039	0.35	40.20	7	1.16	61.20	131	0.5	11.95	6.66	0.23	12.25	2.37	0.88	50.8
STT 35		0.054	0.51	74.40	9	2.61	90.10	349	0.8	18.20	10.15	0.34	17.70	3.55	1.39	76.3
STT 36		0.044	0.42	94.60	7	5.28	84.90	232	0.7	16.45	9.30	0.26	15.80	3.31	1.24	64.0
STT 37		0.035	0.32	24.60	6	5.30	48.50	126	0.9	8.84	4.99	0.15	8.89	1.75	0.65	39.0
STT 38		0.031	0.29	23.70	3	1.07	37.20	98	1.0	6.81	3.96	0.12	7.01	1.36	0.51	32.7

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
AST 30		27.00	20.20	3.04	1.21	8.27
AST 31		36.30	26.60	3.90	1.73	11.80
AST 32		31.20	23.20	3.04	1.18	7.78
AST 33		27.30	22.70	3.40	1.48	9.69
AST 34		24.60	19.70	2.98	1.32	8.64
AST 35		26.30	16.10	2.12	0.83	5.54
AST 36		27.10	18.60	2.48	1.01	6.54
AST 37		19.30	11.95	1.75	0.66	4.20
AST 38		23.00	14.10	1.77	0.65	4.31
AST 39		30.00	16.90	2.29	0.83	5.16
AST 40		26.30	17.00	2.30	0.95	6.37
AST 41		32.20	20.20	2.78	1.12	7.60
AST 42		25.10	18.40	2.77	1.16	7.55
AST 43		19.45	13.50	1.95	0.76	4.79
AST 44		19.85	12.15	1.55	0.57	3.67
AST 45		23.40	15.40	2.11	0.93	6.14
AST 46		26.20	15.50	2.01	0.80	5.16
AST 47		20.60	12.35	1.62	0.66	4.19
AST 48		23.80	15.65	2.21	0.93	6.01
AST 49		24.10	18.10	2.62	1.18	7.48
AST 50		17.25	11.50	1.60	0.71	4.54
AST 51		20.10	13.40	1.90	0.81	5.11
AST 52		7.05	4.82	0.67	0.28	1.78
AST 53		18.85	12.85	1.88	0.82	5.36
AST 54		24.30	17.40	2.51	1.15	7.40
AST 55		22.70	19.85	3.11	1.45	9.52
AST 56		14.90	9.54	1.28	0.54	3.49
AST 57		21.90	14.05	1.95	0.84	5.33
AST 58		21.60	13.00	1.68	0.67	4.30
BSTS 1		39.10	42.70	7.23	3.45	22.60
BSTS 2		30.40	24.20	3.56	1.43	9.05
BSTS 3		13.05	9.43	1.31	0.50	3.13
BSTS 4		22.80	14.00	1.84	0.73	4.74
BSTS 5		29.10	18.15	2.32	0.89	5.71
BSTS 6		22.90	13.60	1.73	0.65	4.11
STT 34		13.25	12.60	2.11	0.99	6.38
STT 35		20.90	19.00	3.15	1.50	9.87
STT 36		17.10	16.50	2.86	1.36	8.90
STT 37		10.50	9.21	1.52	0.74	4.79
STT 38		8.95	7.31	1.18	0.58	3.71

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
STT 39		0.56	0.008	0.13	1.15	7.4	<0.2	<10	40	6.36	0.77	0.13	0.96	142.00	1.5	5
STT 40		0.64	0.009	0.10	1.57	7.8	<0.2	<10	40	8.24	0.86	0.20	1.47	190.50	2.0	7

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
STT 39		6.42	13.1	1.43	6.48	0.14	0.10	0.01	0.108	0.14	75.3	40.7	0.08	239	0.81	0.02
STT 40		7.05	15.8	1.53	7.67	0.17	0.13	0.02	0.121	0.17	96.0	45.0	0.10	278	1.02	0.02

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
STT 39		7.15	3.7	230	16.2	62.5	<0.001	0.02	0.21	3.4	1.4	4.5	6.7	0.02	<0.01	56.4
STT 40		8.10	4.8	310	19.0	70.4	<0.001	0.03	0.24	3.4	2.0	5.0	8.7	0.02	0.02	34.1

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
STT 39		0.050	0.49	55.00	7	2.52	60.80	171	0.8	12.40	6.85	0.22	13.15	2.38	0.88	62.6
STT 40		0.053	0.51	105.00	9	2.95	90.30	208	0.7	17.10	9.70	0.31	18.05	3.35	1.24	83.4

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 11-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07089989

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
STT 39		17.10	13.50	2.16	1.00	6.42
STT 40		23.40	19.25	2.95	1.40	9.12

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
This copy reported on 4-SEP-2007
Account: FUTMET

CERTIFICATE VA07090000

Project: ATLIN HORSE 2007
P.O. No.:
This report is for 131 Soil samples submitted to our lab in Vancouver, BC, Canada on 2-AUG-2007.
The following have access to data associated with this certificate:

MICHAEL RENNING		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41r	51 anal.+REE aqua regia ICPMS	
Au-AA23	Au 30g FA-AA finish	AAS

To: **FUTURE METALS INC.**
ATTN: MICHAEL RENNING
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

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

Signature:
Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
BSLS 1		0.58	0.006	0.02	1.74	4.5	<0.2	<10	80	3.02	0.62	0.06	0.42	71.50	2.9	14
BSLS 2		0.50	<0.005	0.02	1.37	5.7	<0.2	<10	50	4.04	0.76	0.10	1.13	110.50	2.9	9
BSLS 3		0.58	<0.005	<0.01	1.62	6.4	<0.2	<10	60	4.46	0.79	0.07	1.49	149.50	3.2	7
BSLS 4		0.56	0.005	<0.01	1.03	2.9	<0.2	<10	40	2.94	0.41	0.04	0.72	123.50	1.7	8
BSLS 5		0.62	<0.005	0.13	1.72	14.4	<0.2	<10	50	5.87	1.68	0.11	2.29	205.00	3.3	6
BSLS 6		0.60	<0.005	<0.01	1.43	9.9	<0.2	<10	60	5.76	0.65	0.23	1.22	252.00	3.0	6
BSLS 7		0.50	<0.005	<0.01	0.72	2.4	<0.2	<10	30	2.14	0.18	0.09	1.21	125.00	1.5	5
BSLS 8		0.60	<0.005	<0.01	1.20	5.3	<0.2	<10	40	4.18	0.58	0.20	0.51	151.50	2.2	5
BSLS 9		0.54	<0.005	0.09	1.37	24.1	<0.2	<10	60	4.87	3.10	0.14	0.75	169.00	2.7	6
BSLS 10		0.42	<0.005	<0.01	1.47	10.5	<0.2	<10	40	6.42	0.79	0.06	1.70	190.50	2.2	3
BSLS 11		0.44	<0.005	0.03	1.46	11.4	<0.2	<10	40	5.08	0.60	0.09	1.02	136.00	2.3	5
BSLS 12		0.64	<0.005	0.01	1.58	8.9	<0.2	<10	50	5.61	0.87	0.12	1.37	146.50	3.3	6
BSLS 13		0.58	<0.005	0.06	1.42	7.4	<0.2	<10	80	6.59	1.01	0.14	3.34	113.50	6.3	21
BSLS 14		0.66	<0.005	0.02	1.30	6.1	<0.2	<10	60	3.80	0.59	0.05	0.78	148.00	2.9	8
BSLS 15		0.58	<0.005	<0.01	0.88	5.7	<0.2	<10	20	1.76	1.25	0.03	0.23	57.60	1.0	4
BSLS 16		0.54	<0.005	<0.01	0.91	4.5	<0.2	<10	20	1.70	0.83	0.06	0.37	69.90	1.2	4
BSLS 17		0.60	<0.005	0.05	2.23	11.4	<0.2	<10	60	6.74	1.04	0.10	1.10	157.00	3.4	10
BSLS 18		0.50	<0.005	<0.01	1.48	5.8	<0.2	<10	40	3.17	0.74	0.06	0.43	84.70	2.3	6
BSLS 19		0.50	<0.005	<0.01	1.02	5.7	<0.2	<10	50	2.48	0.86	0.07	0.33	62.30	1.6	7
BSLS 20		0.42	<0.005	0.10	2.21	7.0	<0.2	<10	60	5.24	0.62	0.09	0.80	123.00	4.2	18
BSLS 21		0.62	<0.005	0.04	0.92	3.8	<0.2	<10	40	2.06	0.30	0.07	0.66	65.30	1.7	9
BSLS 22		0.70	<0.005	<0.01	1.33	4.7	<0.2	<10	50	4.53	0.39	0.05	0.36	109.50	3.1	12
BSLS 23		0.74	<0.005	<0.01	1.28	6.6	<0.2	<10	50	2.53	0.54	0.03	0.22	88.00	2.7	11
BSLS 24		0.48	<0.005	0.02	1.51	5.3	<0.2	<10	50	3.19	0.40	0.06	0.37	146.50	2.8	10
BSLS 25		0.50	<0.005	<0.01	1.02	6.6	<0.2	<10	40	2.01	0.54	0.04	0.21	72.60	2.0	8
BSLS 26		0.56	<0.005	0.10	1.35	5.7	<0.2	<10	40	2.43	0.37	0.04	0.24	91.90	3.3	15
BSLS 27		0.52	<0.005	<0.01	0.28	1.6	<0.2	<10	30	0.64	0.19	0.02	0.11	24.30	1.7	5
BSLS 28		0.50	<0.005	0.06	0.93	3.0	<0.2	<10	30	1.39	0.46	0.03	0.11	52.90	1.2	5
BSLS 29		0.54	<0.005	0.02	1.25	4.5	<0.2	<10	40	1.95	0.45	0.04	0.17	74.80	2.0	8
BSLS 30		0.56	<0.005	0.02	1.54	6.1	<0.2	<10	40	2.32	0.54	0.04	0.16	64.70	2.3	10
BSLS 31		0.42	<0.005	<0.01	0.58	2.4	<0.2	<10	30	1.03	0.97	0.03	0.07	40.20	0.9	5
BSLS 32		0.50	<0.005	0.05	1.05	3.8	<0.2	<10	40	1.81	1.15	0.04	0.09	52.20	2.1	10
BSLS 33		0.64	<0.005	<0.01	1.62	4.5	<0.2	<10	60	4.25	1.09	0.06	0.27	155.50	3.1	8
BSLS 34		0.50	<0.005	<0.01	1.92	5.4	<0.2	<10	50	3.45	0.79	0.05	0.20	112.50	5.8	21
BSLS 35		0.46	<0.005	0.09	1.42	5.0	<0.2	<10	50	2.82	0.73	0.04	0.22	79.30	2.2	7
BSLS 36		0.60	<0.005	<0.01	1.54	3.2	<0.2	<10	60	3.26	0.34	0.15	0.21	127.00	2.1	8
BSLS 37		0.44	<0.005	0.02	1.16	3.6	<0.2	<10	30	1.12	0.57	0.03	0.10	47.90	3.0	16
BSLS 38		0.56	<0.005	0.10	1.01	3.5	<0.2	<10	20	1.21	0.57	0.02	0.08	41.80	0.7	2
BSLS 39		0.66	<0.005	0.02	1.13	2.1	<0.2	<10	30	2.24	0.48	0.04	0.13	62.30	1.8	4
BSLS 40		0.58	<0.005	<0.01	1.84	8.0	<0.2	<10	90	3.18	1.73	0.12	0.55	104.00	4.9	15

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
BSLS 1		10.95	10.6	2.36	12.95	0.08	0.05	0.04	0.115	0.17	40.7	40.0	0.15	321	2.71	0.02
BSLS 2		10.10	19.9	2.32	10.15	0.12	0.08	0.02	0.277	0.21	51.9	66.5	0.16	273	1.27	0.02
BSLS 3		14.35	20.6	2.84	12.15	0.16	0.09	0.02	0.462	0.30	66.2	57.4	0.17	394	0.98	0.02
BSLS 4		11.95	5.0	1.96	10.45	0.15	0.06	0.03	0.138	0.27	60.9	59.1	0.07	405	1.17	0.02
BSLS 5		17.60	19.6	3.28	12.65	0.17	0.10	0.03	1.695	0.30	77.8	55.4	0.15	1110	1.55	0.02
BSLS 6		15.80	11.9	2.84	12.55	0.25	0.16	0.01	0.306	0.39	113.0	64.2	0.19	526	1.05	0.02
BSLS 7		7.49	3.4	1.80	7.29	0.15	0.06	0.02	0.198	0.25	60.9	39.2	0.11	235	0.85	0.02
BSLS 8		11.85	18.3	2.33	11.30	0.17	0.08	0.02	0.165	0.30	66.0	61.7	0.14	361	0.69	0.02
BSLS 9		14.00	10.5	2.67	13.35	0.18	0.12	0.04	0.163	0.27	94.1	34.3	0.13	654	2.24	0.02
BSLS 10		15.50	12.9	2.76	12.50	0.18	0.09	0.02	0.291	0.31	78.0	54.8	0.12	552	0.79	0.02
BSLS 11		12.55	39.9	2.49	11.70	0.13	0.07	0.03	0.314	0.28	54.6	57.1	0.13	400	0.78	0.02
BSLS 12		14.45	12.6	2.83	13.35	0.13	0.07	0.02	0.192	0.30	51.3	49.2	0.14	865	0.96	0.02
BSLS 13		10.70	13.6	3.52	15.20	0.13	0.12	0.04	0.223	0.21	55.0	32.3	0.21	1220	1.74	0.02
BSLS 14		10.05	15.4	2.15	9.65	0.12	0.07	0.02	0.129	0.21	61.9	46.1	0.16	285	0.74	0.01
BSLS 15		13.75	15.4	2.09	17.95	0.09	0.29	0.01	0.119	0.18	23.9	19.7	0.06	132	1.18	0.01
BSLS 16		6.12	14.3	1.43	7.25	0.07	0.06	0.03	0.085	0.11	32.5	22.2	0.06	105	0.61	0.01
BSLS 17		11.55	24.4	2.59	11.80	0.13	0.10	0.02	0.153	0.26	52.2	55.5	0.17	456	1.32	0.02
BSLS 18		10.70	16.4	2.24	11.10	0.11	0.10	0.02	0.126	0.20	37.6	41.0	0.11	215	0.85	0.01
BSLS 19		9.78	12.1	1.99	11.35	0.11	0.05	0.01	0.109	0.23	32.1	29.3	0.09	172	1.04	0.01
BSLS 20		9.58	15.1	2.87	12.35	0.14	0.13	0.07	0.129	0.16	67.9	37.4	0.24	332	1.40	0.02
BSLS 21		6.53	6.3	1.54	7.94	0.07	0.05	0.02	0.083	0.12	33.9	20.5	0.08	128	0.94	0.02
BSLS 22		9.38	8.7	2.42	11.85	0.13	0.09	0.02	0.109	0.22	51.3	42.5	0.15	289	0.93	0.02
BSLS 23		11.80	9.4	2.54	14.70	0.10	0.12	0.01	0.121	0.23	32.8	32.3	0.12	229	1.10	0.02
BSLS 24		7.85	11.4	1.88	8.89	0.12	0.08	0.02	0.101	0.17	70.9	32.1	0.16	198	0.72	0.02
BSLS 25		10.70	9.3	2.08	13.35	0.11	0.11	0.02	0.114	0.20	28.5	26.4	0.11	162	0.90	0.01
BSLS 26		8.82	11.4	2.04	10.80	0.10	0.06	0.03	0.091	0.14	42.5	23.5	0.16	242	1.07	0.02
BSLS 27		3.36	3.2	0.51	3.43	0.05	<0.02	0.02	0.026	0.06	12.5	5.5	0.02	486	0.91	0.02
BSLS 28		7.39	6.7	1.37	10.10	0.07	0.03	0.02	0.064	0.12	20.6	16.3	0.06	100	0.78	0.01
BSLS 29		6.40	9.1	1.74	9.66	0.09	0.06	0.03	0.073	0.13	29.1	24.0	0.10	146	0.79	0.02
BSLS 30		8.85	8.5	2.93	12.65	0.09	0.14	0.05	0.104	0.14	25.6	32.0	0.11	179	0.87	0.01
BSLS 31		6.41	6.5	1.10	7.96	0.06	0.04	0.03	0.045	0.11	18.3	9.0	0.04	78	0.65	0.01
BSLS 32		6.44	7.4	2.37	12.00	0.08	0.08	0.05	0.068	0.12	20.8	20.3	0.09	160	0.85	0.01
BSLS 33		9.40	11.7	2.26	10.60	0.12	0.09	0.01	0.098	0.23	61.7	44.8	0.15	263	0.62	0.02
BSLS 34		9.59	13.4	3.77	17.00	0.11	0.13	0.02	0.113	0.20	37.3	37.9	0.21	554	1.30	0.02
BSLS 35		7.06	9.5	2.03	9.01	0.08	0.07	0.07	0.086	0.13	34.5	36.7	0.10	212	0.71	0.02
BSLS 36		5.72	6.3	2.01	9.53	0.10	0.06	0.02	0.078	0.19	58.3	29.7	0.13	205	0.70	0.02
BSLS 37		7.54	8.9	2.59	13.80	0.06	0.10	0.04	0.066	0.12	20.5	13.6	0.10	239	1.19	0.01
BSLS 38		4.34	4.1	1.70	13.30	<0.05	<0.02	0.02	0.049	0.06	11.4	5.6	0.06	73	0.59	0.01
BSLS 39		10.05	6.9	2.12	14.30	0.08	0.03	0.01	0.090	0.22	23.5	20.9	0.10	198	0.86	0.02
BSLS 40		10.20	23.5	3.39	13.85	0.14	0.08	0.02	0.145	0.30	51.5	51.0	0.28	371	1.30	0.02

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
BSLS 1		6.76	10.0	650	24.1	122.5	<0.001	0.08	0.40	2.7	1.0	5.5	7.5	0.01	0.02	4.9
BSLS 2		8.05	8.2	230	23.2	106.0	<0.001	0.03	0.27	3.8	0.8	6.2	7.7	0.01	0.01	24.8
BSLS 3		11.70	6.1	350	27.6	137.5	<0.001	0.02	0.27	5.0	1.2	7.2	5.9	0.02	0.01	38.9
BSLS 4		11.50	5.1	220	23.9	135.5	<0.001	0.03	0.19	3.4	0.8	4.9	2.8	0.01	0.01	23.6
BSLS 5		8.81	5.1	310	154.5	131.0	<0.001	0.03	0.45	4.7	1.3	8.0	7.5	0.02	0.02	39.2
BSLS 6		10.10	5.0	210	27.9	145.5	<0.001	0.02	0.29	6.6	1.3	6.7	9.9	0.02	<0.01	59.8
BSLS 7		10.10	3.0	230	11.2	92.6	<0.001	0.02	0.33	3.8	0.8	3.5	4.8	0.01	0.01	33.1
BSLS 8		10.20	3.2	150	14.7	123.0	<0.001	0.02	0.23	4.9	0.8	6.4	9.3	0.01	0.01	41.9
BSLS 9		10.00	4.0	530	31.9	203.0	0.001	0.07	0.32	3.7	1.9	6.2	7.7	0.02	0.03	24.2
BSLS 10		10.60	2.6	240	27.5	132.5	<0.001	0.02	0.25	4.7	1.2	6.6	6.0	0.02	0.01	62.1
BSLS 11		7.57	3.8	310	23.7	114.5	<0.001	0.03	0.30	3.5	1.1	8.2	5.5	0.01	0.01	22.4
BSLS 12		8.97	4.4	300	36.7	137.0	0.001	0.03	0.30	4.2	0.9	7.4	7.4	0.01	0.01	31.4
BSLS 13		8.08	9.5	780	36.1	157.0	<0.001	0.10	0.39	3.1	1.3	5.3	10.5	0.02	0.03	10.4
BSLS 14		9.18	6.9	230	29.3	88.8	<0.001	0.02	0.28	3.6	0.9	5.4	5.5	0.01	0.02	25.9
BSLS 15		15.80	1.9	90	11.4	106.0	<0.001	0.01	0.36	2.8	0.4	9.9	3.2	0.01	0.02	38.1
BSLS 16		10.85	2.9	220	13.0	60.3	<0.001	0.02	0.28	2.0	0.5	5.2	3.3	0.02	0.01	23.8
BSLS 17		10.10	8.9	590	25.1	106.0	0.001	0.04	0.31	4.4	1.2	7.5	7.4	0.02	0.01	35.8
BSLS 18		15.00	4.5	200	16.8	95.1	<0.001	0.02	0.25	3.8	0.8	6.6	4.3	0.03	0.01	33.3
BSLS 19		11.15	3.9	160	12.6	109.5	<0.001	0.02	0.22	3.8	0.5	8.0	6.6	0.01	0.01	14.1
BSLS 20		7.73	12.0	800	21.9	75.3	0.001	0.10	0.41	2.5	2.0	5.3	9.5	0.03	0.03	8.0
BSLS 21		5.52	5.4	510	13.7	64.0	<0.001	0.06	0.22	1.6	1.0	3.5	7.0	0.01	0.01	4.7
BSLS 22		10.65	7.8	370	15.6	92.3	<0.001	0.04	0.23	3.7	1.1	5.8	6.8	0.01	0.01	20.6
BSLS 23		14.40	6.1	180	20.1	121.0	<0.001	0.02	0.35	4.4	0.5	8.0	5.7	0.01	0.01	30.3
BSLS 24		7.48	7.9	540	18.4	73.1	<0.001	0.04	0.25	3.1	1.2	5.2	6.3	0.02	0.01	12.1
BSLS 25		12.35	5.4	140	12.1	123.5	<0.001	0.01	0.31	3.7	0.5	7.3	5.1	0.01	0.01	30.5
BSLS 26		5.41	8.0	690	20.0	89.0	<0.001	0.07	0.36	1.9	0.9	5.9	5.9	0.01	0.02	2.9
BSLS 27		4.24	3.7	140	6.0	35.5	<0.001	0.01	0.11	1.1	0.2	2.2	1.9	<0.01	<0.01	5.6
BSLS 28		6.21	3.4	240	13.4	83.1	<0.001	0.02	0.18	1.8	0.5	5.4	3.8	0.01	0.02	5.5
BSLS 29		10.35	5.5	320	17.5	61.0	0.001	0.02	0.21	2.8	0.7	4.9	4.3	0.02	0.02	19.1
BSLS 30		15.80	4.7	230	24.6	77.5	<0.001	0.01	0.26	3.6	0.6	6.1	4.4	0.02	0.02	27.3
BSLS 31		9.31	3.1	220	9.3	94.6	<0.001	0.02	0.20	1.9	0.4	4.4	3.1	0.01	0.02	15.7
BSLS 32		12.45	4.7	320	17.3	64.2	<0.001	0.03	0.22	2.5	0.7	4.5	4.8	0.01	0.03	17.1
BSLS 33		8.21	6.1	210	20.3	93.5	<0.001	0.01	0.19	4.7	0.9	6.1	6.7	0.02	0.02	43.8
BSLS 34		14.70	10.2	400	20.8	89.2	<0.001	0.03	0.31	4.6	1.2	6.4	6.8	0.02	0.03	39.9
BSLS 35		13.80	4.7	290	19.8	68.7	<0.001	0.02	0.22	3.3	0.7	4.6	4.4	0.03	0.02	33.5
BSLS 36		6.11	4.6	450	12.7	69.4	0.001	0.04	0.14	2.4	0.9	4.0	7.8	0.01	0.01	8.3
BSLS 37		13.65	6.0	310	17.2	82.9	<0.001	0.02	0.34	2.8	0.7	4.7	5.0	0.02	0.02	21.3
BSLS 38		4.08	1.6	170	5.5	39.1	<0.001	0.01	0.22	2.0	0.2	3.7	2.0	<0.01	0.01	21.0
BSLS 39		7.52	2.5	350	14.4	110.5	<0.001	0.02	0.47	2.6	0.5	6.3	5.2	0.01	0.01	8.3
BSLS 40		13.65	12.6	310	21.9	122.5	<0.001	0.02	0.55	5.9	0.8	8.1	9.2	0.01	0.03	29.8

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
BSLS 1		0.065	0.80	13.65	27	1.39	33.40	128	<0.5	6.48	3.41	0.21	7.02	1.24	0.39	32.5
BSLS 2		0.074	0.92	10.70	17	2.19	41.40	217	0.9	7.57	4.31	0.19	8.74	1.48	0.55	43.1
BSLS 3		0.103	1.12	11.50	17	2.73	53.70	305	0.8	10.05	5.69	0.21	11.45	1.98	0.70	56.1
BSLS 4		0.077	0.78	8.07	8	1.48	34.40	152	0.5	6.90	3.80	0.09	8.75	1.34	0.44	48.4
BSLS 5		0.090	1.09	14.50	16	3.30	52.60	1050	1.0	9.89	5.66	0.19	11.95	1.97	0.73	62.3
BSLS 6		0.121	0.99	13.95	14	3.50	73.80	242	2.2	13.35	7.56	0.21	16.30	2.62	0.89	86.9
BSLS 7		0.079	0.55	9.74	8	0.99	31.50	117	0.7	6.45	3.51	0.10	8.29	1.22	0.41	48.4
BSLS 8		0.093	0.78	11.55	11	3.10	46.90	121	1.1	8.60	4.88	0.12	10.50	1.69	0.57	54.3
BSLS 9		0.078	1.00	25.10	14	8.09	103.50	152	0.5	17.85	9.19	0.33	19.00	3.42	0.97	88.6
BSLS 10		0.081	1.03	13.05	9	3.76	60.30	390	<0.5	12.05	6.95	0.17	13.45	2.42	0.87	65.2
BSLS 11		0.069	0.95	12.55	12	2.47	44.60	204	<0.5	8.79	4.92	0.14	9.90	1.73	0.62	47.4
BSLS 12		0.095	0.97	12.10	17	3.10	41.60	259	0.6	8.51	4.88	0.17	9.86	1.66	0.63	47.3
BSLS 13		0.205	0.64	24.10	48	1.78	58.90	197	2.0	11.90	6.50	0.28	12.85	2.34	0.75	55.5
BSLS 14		0.084	0.71	10.45	17	3.18	47.80	178	0.8	8.74	5.02	0.21	10.05	1.73	0.63	49.6
BSLS 15		0.110	1.02	6.11	21	7.70	18.90	106	6.6	4.00	2.45	0.08	4.71	0.83	0.35	22.5
BSLS 16		0.050	0.46	5.46	10	3.85	24.30	79	0.8	4.91	2.92	0.09	5.68	0.98	0.37	27.7
BSLS 17		0.090	0.76	35.10	18	4.26	62.20	244	1.0	12.80	7.43	0.25	13.15	2.54	0.98	55.6
BSLS 18		0.099	0.73	6.15	15	3.37	31.90	131	1.7	6.73	3.71	0.14	7.91	1.32	0.46	35.3
BSLS 19		0.100	0.69	5.37	13	1.88	25.00	93	0.8	4.82	2.68	0.13	5.89	0.95	0.33	27.9
BSLS 20		0.104	0.61	23.00	33	1.71	87.20	145	1.0	17.15	9.44	0.42	17.05	3.35	1.08	70.9
BSLS 21		0.065	0.40	7.52	15	0.93	27.10	73	0.6	4.73	2.71	0.14	5.77	0.93	0.33	28.1
BSLS 22		0.132	0.67	13.85	21	1.31	50.50	108	1.4	8.97	5.21	0.23	10.50	1.84	0.68	48.8
BSLS 23		0.171	0.79	5.82	29	1.56	23.90	117	3.1	4.50	2.68	0.14	5.79	0.91	0.36	27.6
BSLS 24		0.076	0.49	10.40	17	1.84	54.70	95	0.8	10.65	5.75	0.31	12.25	2.07	0.64	61.3
BSLS 25		0.110	0.76	5.24	23	2.00	18.85	93	2.5	3.86	2.30	0.13	5.14	0.78	0.31	25.1
BSLS 26		0.088	0.53	8.89	25	1.43	28.10	81	0.8	5.46	2.94	0.19	6.68	1.07	0.36	34.5
BSLS 27		0.019	0.20	2.98	4	2.48	7.46	22	<0.5	1.40	0.79	0.09	1.80	0.28	0.09	9.5
BSLS 28		0.056	0.52	4.27	13	1.83	13.30	49	<0.5	2.75	1.52	0.10	3.50	0.54	0.20	17.7
BSLS 29		0.092	0.46	5.42	18	1.80	22.30	65	1.2	4.50	2.51	0.15	5.38	0.86	0.31	25.3
BSLS 30		0.134	0.63	4.43	27	2.35	19.20	82	3.6	3.87	2.19	0.13	4.64	0.76	0.29	22.4
BSLS 31		0.058	0.49	3.67	11	1.90	10.60	37	0.7	2.20	1.29	0.08	2.75	0.43	0.17	14.3
BSLS 32		0.140	0.45	3.79	28	1.71	13.50	56	1.9	2.90	1.63	0.12	3.57	0.57	0.21	18.3
BSLS 33		0.099	0.72	12.05	16	3.52	52.20	98	1.1	10.35	6.01	0.29	11.85	2.10	0.73	57.6
BSLS 34		0.256	0.68	10.20	47	1.50	36.00	112	4.0	6.89	3.88	0.23	7.65	1.32	0.51	36.2
BSLS 35		0.082	0.58	5.46	16	2.39	22.40	65	1.2	4.78	2.54	0.15	5.75	0.91	0.31	28.7
BSLS 36		0.061	0.49	11.20	16	1.39	38.20	77	<0.5	7.23	3.95	0.21	8.83	1.40	0.47	47.1
BSLS 37		0.237	0.48	3.89	44	1.08	12.20	53	3.2	2.56	1.46	0.14	3.18	0.50	0.19	16.8
BSLS 38		0.025	0.40	3.88	10	1.66	5.84	44	<0.5	1.29	0.70	0.08	2.07	0.24	0.10	10.9
BSLS 39		0.085	0.72	5.01	14	2.12	19.20	77	<0.5	3.91	2.23	0.13	4.28	0.79	0.27	19.9
BSLS 40		0.141	0.82	5.87	29	2.99	32.50	145	1.6	6.24	3.50	0.24	7.82	1.21	0.43	42.0

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
BSLS 1		9.02	7.36	1.18	0.47	2.91
BSLS 2		11.40	9.22	1.36	0.63	3.98
BSLS 3		15.30	12.35	1.85	0.81	5.06
BSLS 4		13.45	9.84	1.32	0.53	3.23
BSLS 5		17.65	12.90	1.85	0.83	5.24
BSLS 6		24.90	17.65	2.45	1.05	6.59
BSLS 7		13.55	9.45	1.21	0.49	3.06
BSLS 8		14.90	11.45	1.59	0.68	4.16
BSLS 9		24.30	21.00	3.15	1.23	7.11
BSLS 10		17.80	14.45	2.14	0.99	6.34
BSLS 11		12.85	10.75	1.59	0.72	4.53
BSLS 12		12.75	10.20	1.55	0.71	4.51
BSLS 13		14.55	12.95	2.12	0.90	5.38
BSLS 14		13.80	10.25	1.58	0.73	4.56
BSLS 15		5.95	4.80	0.73	0.38	2.47
BSLS 16		7.62	5.80	0.89	0.43	2.61
BSLS 17		14.65	12.90	2.22	1.12	7.02
BSLS 18		9.32	8.02	1.24	0.54	3.38
BSLS 19		7.53	5.96	0.89	0.36	2.33
BSLS 20		18.40	17.10	2.99	1.33	7.96
BSLS 21		7.77	5.81	0.87	0.38	2.39
BSLS 22		12.75	10.60	1.61	0.76	4.81
BSLS 23		7.54	5.85	0.84	0.39	2.51
BSLS 24		17.10	12.95	1.97	0.78	4.77
BSLS 25		6.83	5.33	0.74	0.35	2.19
BSLS 26		9.53	6.80	1.01	0.41	2.53
BSLS 27		2.67	1.87	0.26	0.11	0.70
BSLS 28		4.78	3.65	0.52	0.22	1.41
BSLS 29		6.97	5.53	0.83	0.36	2.25
BSLS 30		6.10	4.81	0.72	0.32	2.03
BSLS 31		4.04	2.86	0.42	0.19	1.20
BSLS 32		4.96	3.75	0.54	0.23	1.42
BSLS 33		15.90	12.40	1.87	0.86	5.28
BSLS 34		9.56	7.95	1.23	0.59	3.64
BSLS 35		7.94	6.11	0.89	0.35	2.21
BSLS 36		12.75	9.31	1.35	0.55	3.40
BSLS 37		4.70	3.38	0.47	0.20	1.33
BSLS 38		2.90	2.52	0.27	0.10	0.69
BSLS 39		5.42	4.39	0.70	0.32	1.95
BSLS 40		11.60	8.09	1.17	0.50	3.08

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
BSLS 41		0.74	<0.005	0.04	1.75	8.1	<0.2	<10	70	2.31	2.08	0.05	0.29	64.50	4.3	16
BSLS 42		0.76	<0.005	<0.01	2.06	10.8	<0.2	<10	100	3.21	2.09	0.10	0.72	142.00	6.9	17
BSLS 43		0.70	<0.005	0.07	1.22	5.0	<0.2	<10	50	1.30	1.17	0.05	0.29	62.00	2.9	10
BSLS 44		0.56	<0.005	0.01	0.88	5.6	<0.2	<10	50	0.70	1.04	0.06	0.08	29.70	2.8	14
BSLS 45		0.76	<0.005	0.03	1.52	4.5	<0.2	<10	70	2.73	0.95	0.38	0.48	128.50	3.2	9
BSLS 46		0.82	<0.005	0.01	1.42	5.8	<0.2	<10	70	1.41	1.51	0.07	0.27	62.80	3.9	18
BSLS 47		0.64	<0.005	0.11	1.03	3.6	<0.2	<10	50	0.88	1.01	0.04	0.25	49.90	3.7	20
BSLS 48		0.78	0.006	0.05	1.23	4.4	<0.2	<10	60	1.18	1.47	0.05	0.15	70.20	4.9	17
BSLS 49		0.52	0.006	0.09	1.19	5.0	<0.2	<10	90	1.09	0.71	0.07	0.22	70.80	7.0	28
BSLS 50		0.64	<0.005	0.02	2.10	5.1	<0.2	<10	40	1.02	0.57	0.04	0.23	56.30	8.0	47
BSLS 51		0.56	<0.005	<0.01	0.92	5.2	<0.2	<10	40	1.02	0.92	0.04	0.13	50.30	1.9	7
BSLS 52		0.54	<0.005	0.05	1.18	4.3	<0.2	<10	60	1.00	1.13	0.07	0.24	43.90	4.0	20
BSLS 53		0.62	<0.005	0.03	1.13	5.6	<0.2	<10	50	0.97	1.04	0.05	0.23	34.10	4.4	24
BSLS 54		0.58	<0.005	<0.01	1.84	5.3	<0.2	<10	60	1.11	0.78	0.06	0.23	54.50	3.7	21
BSLS 55		0.56	<0.005	<0.01	1.23	5.3	<0.2	<10	50	1.02	1.30	0.07	0.29	40.70	3.7	22
BSLS 56		0.50	<0.005	<0.01	1.64	6.2	<0.2	<10	90	1.58	1.82	0.07	0.26	50.30	7.3	27
BSLS 57		0.66	<0.005	<0.01	0.96	4.3	<0.2	<10	50	0.82	1.00	0.05	0.21	45.60	3.6	19
BSLS 58		0.58	<0.005	<0.01	1.36	4.9	<0.2	<10	80	1.67	0.75	0.16	0.54	116.00	3.2	11
BSLS 59		0.50	<0.005	0.06	1.08	3.1	<0.2	<10	60	0.68	1.42	0.09	0.13	31.50	2.2	13
BSLS 60		0.62	<0.005	<0.01	2.15	9.6	<0.2	<10	180	1.53	0.74	0.49	0.69	107.50	5.9	16
BSLS 61		0.66	<0.005	0.02	1.13	5.4	<0.2	<10	60	0.86	1.00	0.08	0.44	37.00	3.4	20
BSLS 62		0.70	<0.005	<0.01	0.91	3.8	<0.2	<10	50	1.12	1.69	0.05	0.31	53.70	3.0	15
BSLS 63		0.78	<0.005	<0.01	1.04	4.3	<0.2	<10	70	0.87	0.96	0.21	0.61	41.20	5.6	42
BSLS 64		0.72	<0.005	0.04	1.84	4.2	<0.2	<10	60	1.39	0.76	0.05	0.29	50.40	6.5	32
BSLS 65		0.54	<0.005	<0.01	1.27	4.0	<0.2	<10	50	1.14	1.14	0.05	0.23	50.90	4.2	21
BSLS 66		0.84	<0.005	0.01	0.99	3.6	<0.2	<10	50	0.79	0.90	0.05	0.23	34.30	2.8	18
BSLS 67		0.74	<0.005	<0.01	1.47	3.9	<0.2	<10	80	1.03	1.04	0.05	0.33	35.50	4.9	24
BSLS 68		0.68	<0.005	<0.01	1.14	5.4	<0.2	<10	130	1.23	0.79	0.11	0.72	44.70	10.0	47
BSLS 69		0.66	<0.005	<0.01	0.79	2.4	<0.2	<10	50	0.42	0.65	0.06	0.23	28.60	3.7	25
BSLS 70		0.68	<0.005	<0.01	0.86	3.4	<0.2	<10	50	0.42	0.57	0.07	0.35	26.40	4.6	38
BSLS 71		0.80	<0.005	0.10	1.51	7.1	<0.2	<10	80	0.63	0.40	0.12	0.51	23.90	12.4	96
BSLS 72		0.70	<0.005	0.01	0.73	2.8	<0.2	<10	70	0.38	0.46	0.14	0.61	36.50	7.4	63
BSLS 73		0.78	0.006	0.05	1.11	3.9	<0.2	<10	130	0.55	0.45	0.19	0.44	29.30	17.2	68
BSLS 74		0.70	<0.005	0.06	1.34	6.1	<0.2	<10	140	0.57	0.26	0.20	0.27	22.60	18.8	93
BSLS 75		0.64	<0.005	0.03	1.46	4.0	<0.2	<10	100	0.46	0.25	0.13	0.37	16.05	12.3	77
BSLS 76		0.74	<0.005	0.01	1.01	4.2	<0.2	<10	90	0.22	0.20	0.14	0.64	15.75	16.8	89
BSLS 77		0.72	<0.005	0.07	1.20	3.1	<0.2	<10	120	0.33	0.22	0.24	0.84	18.30	12.9	72
BSLS 78		0.72	<0.005	<0.01	1.02	5.2	<0.2	<10	90	0.25	0.16	0.17	0.41	17.90	12.3	97
BSLS 79		0.78	<0.005	0.01	0.81	3.9	<0.2	<10	70	0.68	0.72	0.28	0.29	49.50	4.1	29
BSLS 80		0.82	<0.005	<0.01	0.94	3.1	<0.2	<10	130	0.37	0.41	0.11	0.23	21.30	10.1	28

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
BSLS 41		10.20	24.1	3.43	15.15	0.08	0.10	0.03	0.132	0.24	21.1	33.6	0.22	412	1.65	0.02
BSLS 42		9.92	30.5	3.20	12.65	0.15	0.14	0.01	0.157	0.30	64.0	44.9	0.29	726	1.17	0.02
BSLS 43		6.35	13.4	2.51	12.10	0.06	0.04	0.02	0.089	0.13	22.3	20.6	0.15	278	1.21	0.02
BSLS 44		7.56	9.7	2.79	18.30	0.07	0.05	0.02	0.053	0.13	12.4	8.2	0.09	477	1.43	0.02
BSLS 45		6.79	10.3	2.28	9.83	0.12	0.06	0.01	0.111	0.20	61.3	33.9	0.18	546	0.94	0.03
BSLS 46		6.83	17.7	2.90	12.20	0.08	0.07	0.02	0.089	0.16	29.2	25.7	0.21	235	1.21	0.01
BSLS 47		4.98	13.4	2.33	11.80	0.07	0.03	0.02	0.065	0.10	20.9	12.8	0.13	380	1.29	0.02
BSLS 48		8.07	13.4	2.85	13.90	0.06	0.04	0.02	0.092	0.17	28.3	16.5	0.13	1030	1.35	<0.01
BSLS 49		5.65	12.4	4.48	17.85	0.08	0.04	0.05	0.104	0.13	26.4	12.6	0.16	1680	1.72	<0.01
BSLS 50		4.21	11.0	5.30	19.90	0.09	0.28	0.03	0.096	0.09	28.8	16.4	0.26	637	2.35	<0.01
BSLS 51		7.95	9.1	2.37	15.55	0.06	0.04	0.01	0.086	0.19	18.5	15.5	0.11	212	1.01	<0.01
BSLS 52		5.01	12.4	2.34	10.35	<0.05	0.05	0.02	0.066	0.11	23.4	17.5	0.19	343	1.08	0.01
BSLS 53		5.71	12.3	3.40	15.00	0.06	0.11	0.01	0.081	0.10	19.7	15.9	0.16	279	1.46	<0.01
BSLS 54		4.78	11.6	3.17	12.50	0.07	0.05	0.03	0.095	0.10	31.0	22.8	0.21	257	0.95	<0.01
BSLS 55		4.45	11.7	2.29	9.18	0.05	0.06	0.01	0.068	0.09	24.2	21.8	0.23	182	0.92	<0.01
BSLS 56		5.17	15.3	2.89	10.80	0.05	0.13	0.01	0.092	0.11	27.9	30.0	0.25	321	2.66	<0.01
BSLS 57		3.80	10.9	2.60	11.45	0.05	0.04	0.02	0.079	0.07	24.4	15.0	0.14	314	1.04	<0.01
BSLS 58		7.91	10.2	3.23	12.15	0.10	0.06	0.02	0.099	0.19	62.4	40.9	0.18	215	3.27	0.01
BSLS 59		7.04	10.2	1.85	11.60	0.06	0.03	0.02	0.079	0.18	18.0	16.8	0.15	176	4.07	<0.01
BSLS 60		5.81	9.1	3.11	10.70	0.07	0.03	0.01	0.108	0.16	44.1	39.3	0.22	385	7.48	0.03
BSLS 61		5.43	9.8	2.36	11.15	0.07	0.05	0.01	0.066	0.15	19.7	26.7	0.18	165	3.06	0.01
BSLS 62		6.21	12.7	2.38	11.80	0.07	0.07	0.02	0.072	0.14	30.9	20.6	0.13	177	2.65	<0.01
BSLS 63		3.43	9.0	2.04	7.73	0.06	0.05	0.01	0.077	0.10	23.6	34.1	0.37	189	2.21	<0.01
BSLS 64		4.21	11.3	2.85	10.05	0.06	0.23	0.04	0.074	0.08	26.1	27.7	0.23	250	1.21	<0.01
BSLS 65		3.88	9.4	2.50	10.05	0.07	0.07	0.05	0.066	0.09	26.6	26.4	0.16	231	1.18	<0.01
BSLS 66		2.86	6.8	2.06	9.61	0.06	0.06	0.02	0.050	0.06	20.3	17.0	0.12	148	1.14	<0.01
BSLS 67		5.40	8.9	3.14	12.40	0.07	0.21	0.03	0.074	0.11	19.8	30.3	0.18	263	1.08	<0.01
BSLS 68		4.18	11.4	2.74	9.86	0.07	0.06	0.01	0.057	0.08	23.5	19.0	0.26	779	1.84	<0.01
BSLS 69		3.33	6.8	1.95	9.08	0.06	0.07	0.01	0.035	0.07	16.5	17.4	0.15	157	1.05	<0.01
BSLS 70		2.65	7.4	2.51	9.01	0.05	0.05	<0.01	0.034	0.06	16.3	14.7	0.28	188	1.06	<0.01
BSLS 71		2.10	13.0	4.06	10.25	0.06	0.13	0.01	0.042	0.06	13.4	23.8	0.56	308	1.46	<0.01
BSLS 72		2.79	9.2	2.12	6.56	0.06	0.06	0.01	0.033	0.09	21.7	17.1	0.39	176	1.03	<0.01
BSLS 73		3.75	11.4	2.73	7.71	0.05	0.05	<0.01	0.038	0.09	15.9	22.2	0.54	450	1.19	<0.01
BSLS 74		1.53	12.2	3.40	9.65	0.06	0.21	<0.01	0.035	0.06	12.6	14.3	0.73	575	1.36	<0.01
BSLS 75		1.96	11.7	3.35	9.12	0.05	0.13	0.01	0.033	0.05	9.0	19.7	0.50	263	1.64	<0.01
BSLS 76		1.65	10.3	3.15	8.94	0.05	0.06	<0.01	0.024	0.05	8.9	12.2	0.60	387	1.57	<0.01
BSLS 77		2.00	11.6	2.10	5.83	0.06	0.06	0.01	0.027	0.07	10.3	19.0	0.56	366	2.08	<0.01
BSLS 78		1.71	14.6	2.32	5.31	0.05	0.04	<0.01	0.020	0.07	9.8	15.5	0.87	249	0.84	<0.01
BSLS 79		4.71	8.9	2.26	9.05	0.08	0.10	0.02	0.048	0.13	29.8	27.5	0.26	158	1.23	<0.01
BSLS 80		3.25	5.7	2.35	9.72	0.06	0.09	0.01	0.039	0.09	11.6	17.1	0.21	584	1.42	<0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
BSLS 41		12.35	12.1	210	22.0	103.5	<0.001	0.02	0.48	5.2	0.5	8.6	7.4	0.01	0.03	20.5
BSLS 42		5.85	17.3	320	31.9	105.0	<0.001	0.01	0.44	6.4	0.9	8.2	9.7	0.01	0.03	47.7
BSLS 43		9.10	6.9	310	17.6	63.2	<0.001	0.01	0.35	3.6	0.5	6.3	5.1	0.01	0.02	12.6
BSLS 44		13.30	5.1	630	15.4	82.9	<0.001	0.02	0.44	2.4	0.4	7.7	5.7	0.01	0.03	7.6
BSLS 45		6.09	6.9	380	19.5	66.8	<0.001	0.02	0.22	4.0	0.7	5.5	17.6	0.01	0.01	18.2
BSLS 46		10.35	11.5	390	17.3	75.2	<0.001	0.01	0.35	3.9	0.5	5.9	7.6	0.01	0.03	14.5
BSLS 47		4.08	9.4	540	17.5	56.7	<0.001	0.04	0.32	1.6	0.5	4.8	5.9	0.01	0.02	1.3
BSLS 48		7.93	8.9	440	21.0	136.0	<0.001	<0.01	0.46	3.3	0.5	6.0	7.1	0.01	0.02	8.5
BSLS 49		6.27	12.4	2250	23.1	86.2	<0.001	<0.01	0.47	3.2	0.7	4.8	7.7	0.01	0.03	16.3
BSLS 50		13.25	15.3	820	19.1	40.7	<0.001	0.01	0.36	3.9	1.2	4.2	6.1	0.02	0.04	12.8
BSLS 51		11.10	4.6	740	13.8	98.1	<0.001	<0.01	0.26	2.9	0.4	7.1	4.3	0.01	0.02	17.5
BSLS 52		7.30	12.0	380	13.9	63.6	<0.001	<0.01	0.36	3.0	0.4	4.7	7.1	0.01	0.02	9.5
BSLS 53		11.00	13.8	630	15.9	74.2	<0.001	<0.01	0.42	3.4	0.4	5.5	6.8	0.01	0.02	16.8
BSLS 54		9.17	16.2	930	12.9	41.3	<0.001	<0.01	0.30	3.5	0.5	4.2	5.3	0.03	0.02	13.1
BSLS 55		7.31	15.9	320	13.4	46.2	<0.001	<0.01	0.32	3.4	0.5	4.1	6.2	0.01	0.02	13.2
BSLS 56		8.37	17.7	310	17.2	60.1	<0.001	<0.01	0.36	4.4	0.5	4.7	8.6	0.01	0.03	18.3
BSLS 57		7.02	11.7	530	16.9	48.1	<0.001	<0.01	0.42	2.4	0.5	3.8	4.9	0.01	0.02	7.3
BSLS 58		12.15	6.8	420	21.3	83.3	<0.001	<0.01	0.23	3.3	0.6	3.9	9.4	0.01	0.02	8.8
BSLS 59		9.61	7.6	240	15.9	71.8	<0.001	<0.01	0.28	3.4	0.4	6.4	8.1	<0.01	0.02	6.4
BSLS 60		6.03	11.7	460	15.1	56.5	<0.001	<0.01	0.30	4.0	0.5	3.6	38.4	0.01	0.03	10.3
BSLS 61		9.40	11.5	270	11.2	66.5	<0.001	<0.01	0.29	2.9	0.4	4.8	6.5	0.01	0.02	7.3
BSLS 62		11.80	9.5	200	17.2	74.3	<0.001	<0.01	0.30	3.0	0.4	6.3	5.3	0.01	0.03	15.0
BSLS 63		7.31	32.4	160	11.4	41.4	<0.001	<0.01	0.30	3.1	0.3	3.4	11.6	<0.01	0.02	10.0
BSLS 64		10.15	22.2	360	12.3	36.2	<0.001	<0.01	0.29	4.8	0.5	3.8	5.5	0.07	0.02	16.4
BSLS 65		10.25	16.1	530	12.7	44.1	<0.001	<0.01	0.28	2.7	0.5	4.0	4.2	0.03	0.03	11.8
BSLS 66		8.79	11.3	260	10.2	35.3	<0.001	<0.01	0.26	2.4	0.4	4.1	4.2	0.03	0.02	25.1
BSLS 67		10.65	16.3	610	17.3	62.0	<0.001	<0.01	0.31	3.1	0.4	4.8	5.1	0.02	0.03	16.3
BSLS 68		8.02	42.2	430	18.7	50.2	<0.001	<0.01	0.40	3.1	0.4	3.9	12.2	0.01	0.03	9.7
BSLS 69		8.46	18.1	230	8.6	46.5	<0.001	<0.01	0.27	2.5	0.3	3.7	4.9	0.01	0.02	8.4
BSLS 70		6.49	25.1	660	7.9	36.7	<0.001	<0.01	0.28	2.5	0.3	2.7	5.4	<0.01	0.02	8.9
BSLS 71		5.76	73.2	1190	11.1	28.5	<0.001	<0.01	0.42	3.5	0.4	2.1	8.5	<0.01	0.04	7.4
BSLS 72		4.98	51.8	200	7.3	63.4	<0.001	<0.01	0.33	2.7	0.3	2.5	8.5	<0.01	0.02	11.0
BSLS 73		5.29	61.7	320	10.8	65.6	<0.001	<0.01	0.31	3.2	0.2	2.6	15.5	<0.01	0.02	5.4
BSLS 74		4.93	75.1	590	10.7	26.5	<0.001	<0.01	0.30	3.4	0.3	1.9	14.1	<0.01	0.03	7.6
BSLS 75		5.25	74.7	370	12.0	20.0	<0.001	<0.01	0.37	3.0	0.3	2.0	9.1	<0.01	0.02	4.4
BSLS 76		4.66	69.4	420	8.0	24.6	<0.001	<0.01	0.43	3.2	0.3	1.7	9.4	<0.01	0.03	3.5
BSLS 77		4.27	74.3	210	7.6	26.1	<0.001	<0.01	0.21	3.1	0.2	1.6	13.8	<0.01	0.01	4.5
BSLS 78		3.39	102.5	240	5.6	26.7	<0.001	<0.01	0.31	3.5	0.3	1.3	10.5	<0.01	0.03	4.7
BSLS 79		9.74	25.2	560	11.3	74.3	<0.001	<0.01	0.33	2.6	0.5	3.5	18.4	0.01	0.01	15.3
BSLS 80		7.39	16.7	310	12.6	64.1	<0.001	<0.01	0.24	2.6	0.2	3.1	8.6	<0.01	0.02	7.9

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
BSLS 41		0.162	0.80	4.41	39	3.17	16.25	133	2.6	3.24	1.94	0.19	3.92	0.66	0.27	19.2
BSLS 42		0.131	0.75	11.90	28	3.75	47.00	169	2.8	8.86	4.96	0.40	11.40	1.71	0.60	58.2
BSLS 43		0.115	0.51	4.64	24	1.97	15.20	81	0.8	3.08	1.87	0.16	3.54	0.64	0.25	17.7
BSLS 44		0.287	0.44	1.74	54	1.07	7.10	51	1.6	1.47	0.88	0.12	1.92	0.30	0.11	10.1
BSLS 45		0.081	0.47	19.20	17	1.60	41.30	107	<0.5	7.91	4.23	0.42	10.20	1.55	0.49	53.4
BSLS 46		0.159	0.51	3.92	38	2.32	15.70	82	1.6	3.08	1.81	0.21	4.17	0.62	0.24	22.9
BSLS 47		0.138	0.31	3.26	39	0.86	10.90	66	0.6	2.22	1.27	0.16	2.93	0.43	0.17	16.2
BSLS 48		0.186	0.48	3.19	38	1.89	12.75	87	1.1	2.72	1.58	0.20	3.67	0.54	0.20	21.0
BSLS 49		0.356	0.28	2.71	71	0.84	9.49	147	2.0	2.07	1.13	0.20	3.11	0.39	0.14	19.0
BSLS 50		0.503	0.23	4.11	99	0.60	10.40	82	14.5	2.64	1.32	0.25	3.57	0.48	0.14	22.6
BSLS 51		0.156	0.72	2.84	24	2.06	12.95	75	0.8	2.63	1.53	0.10	2.88	0.53	0.20	14.7
BSLS 52		0.170	0.41	2.57	39	1.49	10.35	72	1.3	2.27	1.23	0.19	2.90	0.43	0.15	17.6
BSLS 53		0.261	0.36	2.27	58	1.52	9.65	76	4.6	2.04	1.20	0.17	2.63	0.41	0.16	15.3
BSLS 54		0.122	0.32	2.21	35	2.50	11.55	76	1.2	2.47	1.39	0.18	3.40	0.48	0.18	21.9
BSLS 55		0.116	0.33	2.45	33	3.48	11.10	66	1.5	2.40	1.37	0.19	3.06	0.46	0.17	18.6
BSLS 56		0.151	0.41	5.45	47	2.40	14.70	80	4.1	2.98	1.66	0.24	3.63	0.57	0.21	21.4
BSLS 57		0.146	0.22	2.00	40	2.47	8.12	67	1.2	1.80	1.00	0.15	2.63	0.35	0.13	16.7
BSLS 58		0.157	0.57	5.50	22	1.26	20.30	132	1.0	4.08	2.31	0.24	6.03	0.80	0.27	39.6
BSLS 59		0.137	0.57	2.30	33	2.23	8.36	69	0.9	1.73	0.97	0.17	2.35	0.34	0.13	14.5
BSLS 60		0.094	0.35	3.27	28	1.34	20.50	112	0.5	3.96	2.37	0.27	5.32	0.78	0.30	31.2
BSLS 61		0.145	0.42	2.07	30	2.52	10.20	66	1.1	2.01	1.12	0.15	2.55	0.39	0.15	15.2
BSLS 62		0.185	0.44	2.94	38	3.19	14.75	71	2.2	2.87	1.73	0.15	3.53	0.57	0.23	21.3
BSLS 63		0.121	0.24	5.59	34	1.70	10.30	59	1.3	2.05	1.21	0.17	2.77	0.40	0.16	17.7
BSLS 64		0.196	0.27	3.22	43	1.29	15.00	73	8.7	3.22	1.82	0.29	3.89	0.63	0.23	21.8
BSLS 65		0.150	0.28	2.53	33	2.16	10.05	67	2.3	2.16	1.21	0.13	3.00	0.41	0.15	19.2
BSLS 66		0.123	0.22	2.70	32	3.88	8.04	59	1.8	1.72	0.99	0.13	2.24	0.32	0.12	14.4
BSLS 67		0.209	0.35	2.63	44	1.62	9.17	120	6.9	1.98	1.20	0.16	2.50	0.39	0.15	14.6
BSLS 68		0.186	0.26	2.42	51	1.09	13.65	82	2.3	2.63	1.49	0.27	3.30	0.50	0.18	19.1
BSLS 69		0.131	0.20	1.57	36	1.13	7.11	52	2.4	1.40	0.84	0.13	1.84	0.27	0.12	11.9
BSLS 70		0.132	0.15	1.40	47	0.80	5.61	47	1.5	1.17	0.69	0.13	1.62	0.22	0.09	11.0
BSLS 71		0.240	0.10	1.19	80	0.57	4.63	78	5.3	0.97	0.55	0.19	1.52	0.19	0.07	9.8
BSLS 72		0.118	0.16	1.54	38	0.50	7.47	50	1.9	1.56	0.95	0.17	2.28	0.30	0.12	15.3
BSLS 73		0.172	0.17	1.24	53	0.54	6.50	70	1.8	1.29	0.75	0.20	1.84	0.25	0.09	11.9
BSLS 74		0.281	0.10	1.46	82	0.28	4.39	74	8.1	0.96	0.49	0.22	1.46	0.18	0.06	9.7
BSLS 75		0.227	0.10	0.76	70	0.36	3.47	67	5.0	0.74	0.42	0.17	1.11	0.14	0.05	7.1
BSLS 76		0.221	0.10	0.60	78	0.25	3.53	63	2.8	0.75	0.41	0.19	1.12	0.14	0.05	7.1
BSLS 77		0.114	0.13	1.60	42	0.89	4.78	89	1.9	0.95	0.55	0.20	1.35	0.18	0.07	8.4
BSLS 78		0.110	0.12	0.77	49	0.45	4.57	47	1.3	0.94	0.52	0.20	1.30	0.18	0.07	8.1
BSLS 79		0.128	0.27	1.91	32	1.34	8.68	60	2.7	1.83	1.05	0.13	2.90	0.35	0.13	20.4
BSLS 80		0.174	0.28	0.92	50	0.52	4.32	76	3.2	0.96	0.54	0.15	1.44	0.18	0.07	9.3

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
BSLS 41		5.03	4.10	0.58	0.28	1.82
BSLS 42		15.50	11.90	1.69	0.68	4.25
BSLS 43		4.90	3.45	0.56	0.28	1.75
BSLS 44		2.78	1.92	0.28	0.12	0.78
BSLS 45		14.30	10.60	1.50	0.58	3.58
BSLS 46		6.34	4.39	0.60	0.26	1.64
BSLS 47		4.55	2.98	0.41	0.18	1.15
BSLS 48		5.81	4.00	0.51	0.22	1.40
BSLS 49		5.37	3.43	0.41	0.15	0.96
BSLS 50		6.29	4.31	0.51	0.17	1.03
BSLS 51		3.96	3.06	0.45	0.22	1.40
BSLS 52		4.89	3.42	0.43	0.17	1.11
BSLS 53		4.15	2.96	0.38	0.17	1.12
BSLS 54		6.31	3.87	0.47	0.19	1.25
BSLS 55		5.12	3.54	0.45	0.19	1.18
BSLS 56		5.83	4.09	0.53	0.24	1.51
BSLS 57		4.86	2.85	0.34	0.14	0.90
BSLS 58		11.60	6.30	0.78	0.31	1.87
BSLS 59		3.95	2.79	0.33	0.14	0.93
BSLS 60		8.49	5.47	0.73	0.34	2.13
BSLS 61		4.20	2.95	0.36	0.17	1.04
BSLS 62		6.07	3.92	0.51	0.26	1.53
BSLS 63		4.96	3.21	0.39	0.18	1.11
BSLS 64		5.95	4.37	0.59	0.26	1.66
BSLS 65		5.52	3.43	0.40	0.17	1.07
BSLS 66		4.08	2.63	0.31	0.14	0.87
BSLS 67		4.12	2.78	0.37	0.17	1.08
BSLS 68		5.17	3.79	0.47	0.21	1.33
BSLS 69		3.35	2.17	0.26	0.13	0.80
BSLS 70		3.21	1.94	0.22	0.10	0.66
BSLS 71		2.72	1.79	0.19	0.07	0.48
BSLS 72		4.44	2.56	0.30	0.13	0.83
BSLS 73		3.32	2.11	0.25	0.11	0.65
BSLS 74		2.66	1.75	0.19	0.07	0.41
BSLS 75		1.92	1.34	0.15	0.06	0.39
BSLS 76		1.89	1.35	0.15	0.06	0.35
BSLS 77		2.24	1.58	0.18	0.08	0.48
BSLS 78		2.15	1.49	0.18	0.07	0.46
BSLS 79		5.91	3.41	0.37	0.15	0.93
BSLS 80		2.55	1.68	0.19	0.07	0.47

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
BSLS 81		0.74	<0.005	<0.01	0.74	4.1	<0.2	<10	50	0.41	0.43	0.06	0.19	25.60	3.8	31
BSLS 82		0.50	<0.005	<0.01	1.02	3.5	<0.2	<10	70	0.60	0.28	0.07	0.22	30.10	4.4	21
BSLS 83		0.72	<0.005	<0.01	1.10	3.4	<0.2	<10	100	0.85	0.53	0.06	0.14	42.20	4.0	16
BSLS 84		0.82	<0.005	<0.01	1.63	6.6	<0.2	<10	110	1.66	0.41	0.11	0.23	112.50	5.0	25
BSLS 85		0.76	<0.005	0.04	2.01	4.7	<0.2	<10	190	1.31	0.45	0.13	0.23	65.00	6.6	27
BSLS 86		0.76	<0.005	0.06	0.82	2.2	<0.2	<10	70	0.46	0.70	0.07	0.24	51.90	3.2	27
BSLS 87		0.64	<0.005	<0.01	0.86	2.2	<0.2	<10	120	0.71	0.29	0.08	0.15	41.90	3.7	20
BSLS 88		0.74	<0.005	0.02	1.83	2.4	<0.2	<10	290	1.01	0.37	0.15	0.52	36.00	10.7	37
BSLS 89		0.62	<0.005	0.02	1.60	4.5	<0.2	<10	180	1.22	0.35	0.09	0.23	47.20	6.9	37
BSLS 90		0.76	<0.005	0.09	1.28	4.0	<0.2	<10	90	0.93	0.28	0.07	0.23	41.40	4.9	30
BSLS 91		0.72	<0.005	0.06	1.05	4.3	<0.2	<10	90	0.72	0.35	0.06	0.25	39.30	4.1	16
BSLS 92		0.80	<0.005	0.08	1.26	3.4	<0.2	<10	100	0.74	0.34	0.08	0.34	31.60	5.6	20
BSLS 93		0.86	<0.005	0.11	0.76	3.3	<0.2	<10	50	0.33	0.39	0.04	0.31	32.30	2.6	18
BSLS 94		0.74	<0.005	0.03	1.12	4.6	<0.2	<10	70	0.68	0.27	0.10	0.34	28.20	6.9	46
BSLS 95		0.96	<0.005	0.01	1.71	7.1	<0.2	<10	220	1.22	0.51	0.20	0.47	47.30	5.8	27
BSLS 96		0.86	<0.005	0.06	1.61	8.6	<0.2	<10	150	2.19	0.42	0.11	0.22	131.50	4.2	15
ASL 1		0.42	<0.005	<0.01	1.42	5.4	<0.2	<10	40	3.50	0.40	0.09	0.33	140.00	3.2	11
ASL 2		0.36	<0.005	0.04	1.20	5.3	<0.2	<10	50	2.89	0.34	0.09	0.49	117.00	3.4	13
ASL 3		0.32	<0.005	0.01	1.21	4.8	<0.2	<10	50	2.37	0.39	0.09	0.35	114.00	3.7	13
ASL 4		0.38	<0.005	<0.01	1.76	6.6	<0.2	<10	80	3.18	0.30	0.13	0.50	127.50	5.6	19
ASL 5		0.34	<0.005	0.13	1.72	7.1	<0.2	<10	90	6.10	0.30	0.16	0.79	156.00	5.4	16
ASL 6		0.38	<0.005	0.09	2.08	9.8	<0.2	<10	80	6.88	0.58	0.11	0.64	228.00	6.3	21
ASL 7		0.36	0.015	0.09	1.97	11.2	<0.2	<10	70	7.77	0.53	0.08	0.25	180.00	4.8	21
ASL 8		0.44	<0.005	0.01	1.74	7.4	<0.2	<10	70	4.52	0.84	0.09	0.21	178.50	4.9	17
ASL 9		0.36	<0.005	0.03	1.39	6.2	<0.2	<10	60	3.95	0.32	0.07	0.20	162.00	3.8	13
ASL 10		0.44	<0.005	0.03	1.89	5.2	<0.2	<10	60	5.21	0.41	0.08	0.15	216.00	3.6	14
ASL 11		0.46	<0.005	0.03	2.24	5.8	<0.2	<10	80	5.90	0.46	0.07	0.20	222.00	4.3	15
ASL 12		0.48	<0.005	<0.01	0.96	6.1	<0.2	<10	30	3.61	0.34	0.04	0.14	138.50	2.7	13
ASL 13		0.28	<0.005	0.17	1.13	4.9	<0.2	<10	80	2.30	0.55	0.08	0.63	93.10	4.9	11
ASL 14		0.44	<0.005	0.03	1.27	10.7	<0.2	<10	40	4.91	0.37	0.06	0.41	201.00	2.9	14
ASL 15		0.38	<0.005	0.02	1.23	5.8	<0.2	<10	50	3.82	0.34	0.08	1.19	188.50	3.6	13
ASL 16		0.32	<0.005	0.02	0.88	4.6	<0.2	<10	40	1.67	0.32	0.05	0.25	75.70	2.3	12
ASL 17		0.36	<0.005	0.08	1.08	4.6	<0.2	<10	40	3.66	0.22	0.08	0.45	155.50	2.1	10
ASL 18		0.24	<0.005	0.09	1.17	5.1	<0.2	<10	80	4.30	0.34	0.15	1.53	122.50	3.1	12
ASL 19		0.34	<0.005	0.05	1.05	5.3	<0.2	<10	40	2.22	0.28	0.06	0.31	107.00	3.3	14
ASL 20		0.18	<0.005	0.11	1.64	5.9	<0.2	<10	60	4.22	0.33	0.15	0.84	163.50	3.1	15
ASL 21		0.48	<0.005	0.02	2.15	11.7	<0.2	<10	90	3.62	0.81	0.07	0.72	117.50	5.7	18
ASL 22		0.48	<0.005	0.06	1.10	7.1	<0.2	<10	40	2.88	0.83	0.06	0.63	86.00	1.8	7
ASL 23		0.52	<0.005	0.01	1.96	9.3	<0.2	<10	60	3.44	0.76	0.07	0.85	111.50	4.1	12
ASL 24		0.48	<0.005	0.12	1.19	8.0	<0.2	<10	30	1.28	0.51	0.02	0.20	53.50	2.3	13

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
BSLS 81		3.28	7.0	2.36	8.03	0.06	0.07	0.02	0.031	0.07	14.5	12.6	0.17	195	1.18	<0.01
BSLS 82		3.29	6.7	2.16	7.53	0.06	0.09	0.01	0.042	0.07	18.3	20.1	0.15	212	1.22	<0.01
BSLS 83		5.62	8.2	2.41	8.53	0.06	0.08	0.01	0.047	0.14	25.9	30.2	0.18	183	0.93	<0.01
BSLS 84		6.20	10.8	2.80	9.33	0.11	0.15	0.02	0.073	0.14	60.6	46.0	0.28	226	0.98	0.01
BSLS 85		9.57	9.0	3.64	13.60	0.10	0.13	0.04	0.083	0.24	36.2	59.4	0.31	370	1.24	0.01
BSLS 86		4.87	6.6	1.71	7.16	0.07	0.03	0.03	0.035	0.10	29.7	13.3	0.11	213	0.87	0.01
BSLS 87		5.71	4.1	1.96	7.12	0.08	0.08	0.02	0.041	0.14	23.9	22.2	0.15	187	0.79	0.01
BSLS 88		4.18	5.9	3.30	10.55	0.08	0.15	0.03	0.050	0.11	18.4	26.2	0.29	444	1.22	0.01
BSLS 89		4.58	7.0	2.63	8.78	0.09	0.16	0.03	0.057	0.10	26.1	28.9	0.27	287	1.18	0.01
BSLS 90		2.80	5.8	2.07	7.06	0.08	0.13	0.04	0.043	0.07	22.6	23.3	0.21	180	0.92	0.01
BSLS 91		4.46	6.1	1.92	7.87	0.07	0.08	0.02	0.042	0.09	21.3	26.1	0.16	167	1.01	0.01
BSLS 92		3.66	5.9	2.24	8.92	0.07	0.07	0.04	0.044	0.08	17.0	26.4	0.18	275	1.02	0.01
BSLS 93		3.00	5.5	2.05	11.70	0.06	0.06	0.02	0.031	0.06	17.5	8.7	0.09	141	1.39	0.01
BSLS 94		3.34	9.5	2.18	6.81	0.06	0.05	0.01	0.041	0.08	14.6	26.2	0.38	151	1.06	0.01
BSLS 95		5.41	8.9	2.96	12.25	0.08	0.12	0.03	0.069	0.13	25.8	39.5	0.28	274	2.26	0.01
BSLS 96		5.00	13.4	1.97	8.75	0.11	0.06	0.04	0.064	0.12	71.0	35.7	0.24	228	1.18	0.01
ASL 1		8.65	6.3	2.28	10.30	0.14	0.11	0.01	0.100	0.20	55.6	45.2	0.16	255	0.78	0.01
ASL 2		5.77	8.3	1.61	7.34	0.14	0.10	0.02	0.065	0.14	58.6	34.5	0.15	274	0.98	0.01
ASL 3		5.01	9.5	1.65	7.13	0.13	0.06	0.01	0.063	0.12	46.3	29.4	0.20	237	0.67	0.01
ASL 4		7.45	12.5	2.46	9.36	0.15	0.11	0.02	0.086	0.16	62.8	45.1	0.31	332	0.84	0.01
ASL 5		7.13	11.8	2.29	9.32	0.22	0.14	0.05	0.089	0.16	94.8	38.6	0.24	645	1.25	0.01
ASL 6		9.58	12.8	3.29	14.10	0.19	0.12	0.02	0.125	0.21	81.7	46.0	0.27	682	1.98	0.01
ASL 7		9.04	11.4	2.76	13.05	0.23	0.16	0.05	0.099	0.18	101.0	42.8	0.23	464	1.87	0.01
ASL 8		9.43	9.7	2.64	11.00	0.17	0.11	0.02	0.104	0.19	79.1	47.3	0.22	532	1.45	0.01
ASL 9		8.50	10.0	2.19	9.40	0.18	0.10	0.02	0.097	0.20	81.3	44.1	0.18	368	1.41	0.02
ASL 10		10.80	8.1	2.48	11.90	0.23	0.15	0.03	0.104	0.19	110.0	47.5	0.19	323	1.32	0.01
ASL 11		12.75	9.5	2.81	14.45	0.23	0.14	0.02	0.124	0.22	104.0	55.2	0.20	437	1.56	0.02
ASL 12		7.48	6.7	1.84	8.35	0.14	0.07	0.01	0.081	0.18	62.1	37.9	0.11	350	1.61	0.01
ASL 13		8.29	8.6	1.92	9.31	0.09	0.04	0.10	0.070	0.15	42.1	19.3	0.09	1230	2.21	0.01
ASL 14		7.78	7.7	2.13	9.73	0.19	0.09	0.02	0.092	0.19	88.6	42.7	0.15	292	1.55	0.01
ASL 15		7.10	7.4	2.02	9.14	0.18	0.07	0.04	0.100	0.17	77.7	39.6	0.16	526	1.37	0.01
ASL 16		6.33	6.6	1.76	9.51	0.09	0.03	0.04	0.059	0.13	32.0	25.1	0.10	239	1.41	0.01
ASL 17		4.31	5.6	1.19	5.60	0.18	0.12	0.06	0.051	0.11	88.5	26.1	0.08	256	1.16	0.01
ASL 18		5.11	7.5	1.28	5.94	0.16	0.13	0.09	0.047	0.12	77.8	23.8	0.10	711	1.23	0.02
ASL 19		5.01	7.7	1.36	6.53	0.13	0.09	0.03	0.047	0.11	56.9	24.3	0.13	400	1.15	0.01
ASL 20		4.91	10.6	1.53	7.22	0.24	0.24	0.08	0.057	0.11	111.5	24.3	0.17	189	1.26	0.02
ASL 21		8.79	18.9	2.78	11.00	0.15	0.18	0.02	0.155	0.22	59.3	52.6	0.24	296	0.92	0.01
ASL 22		9.71	14.4	1.84	8.56	0.11	0.05	0.02	0.135	0.14	40.1	28.6	0.10	161	0.91	0.01
ASL 23		10.50	14.5	2.71	12.45	0.15	0.13	0.03	0.212	0.21	48.2	44.6	0.18	396	1.13	0.01
ASL 24		6.19	7.5	1.91	11.30	0.08	0.03	0.04	0.068	0.11	26.1	15.7	0.08	372	1.19	0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
BSLS 81		8.43	20.0	520	9.7	36.0	<0.001	<0.01	0.30	2.0	0.3	2.6	4.7	0.01	0.02	9.2
BSLS 82		7.80	18.4	320	9.3	40.0	<0.001	<0.01	0.24	1.9	0.3	2.4	5.0	0.01	0.02	8.8
BSLS 83		9.70	17.6	320	11.6	76.7	<0.001	<0.01	0.29	2.3	0.3	2.9	5.7	0.01	0.02	16.3
BSLS 84		9.22	27.9	300	16.8	57.2	0.001	<0.01	0.30	3.4	0.5	3.5	8.8	0.01	<0.01	37.7
BSLS 85		13.25	27.3	390	16.5	108.5	0.001	<0.01	0.34	3.8	0.4	4.9	11.2	0.01	0.01	16.6
BSLS 86		7.75	14.4	380	8.6	55.6	<0.001	<0.01	0.26	2.3	0.3	4.1	6.5	0.01	<0.01	11.7
BSLS 87		9.64	14.9	220	9.7	78.3	<0.001	<0.01	0.22	2.1	0.3	2.9	6.3	0.01	<0.01	9.3
BSLS 88		8.65	34.1	580	14.6	48.5	<0.001	<0.01	0.27	2.7	0.3	2.9	12.2	0.01	<0.01	15.3
BSLS 89		8.77	30.7	340	12.9	53.6	<0.001	<0.01	0.29	2.6	0.4	2.8	8.1	0.01	0.01	17.2
BSLS 90		7.62	21.7	710	9.4	33.4	<0.001	<0.01	0.22	2.3	0.3	2.2	5.2	0.01	<0.01	15.1
BSLS 91		9.00	11.8	490	11.8	57.5	<0.001	<0.01	0.26	2.3	0.4	2.5	6.1	0.01	<0.01	22.5
BSLS 92		8.49	14.8	700	12.6	46.1	<0.001	<0.01	0.27	2.2	0.3	2.6	6.2	0.01	<0.01	13.2
BSLS 93		8.96	7.1	450	12.0	39.6	<0.001	<0.01	0.42	1.9	0.2	3.0	4.2	0.01	<0.01	8.1
BSLS 94		7.08	49.4	590	8.8	40.4	<0.001	<0.01	0.29	2.7	0.3	2.2	7.2	<0.01	<0.01	9.2
BSLS 95		12.20	20.6	420	19.3	59.4	<0.001	<0.01	0.38	3.0	0.4	3.4	16.8	0.01	<0.01	16.9
BSLS 96		11.35	15.0	270	22.0	53.9	<0.001	<0.01	0.40	3.3	0.7	3.0	10.5	0.01	<0.01	32.5
ASL 1		14.30	9.3	270	24.7	79.9	0.001	<0.01	0.27	4.3	1.0	4.8	7.1	0.02	<0.01	36.4
ASL 2		7.81	11.9	280	13.4	57.1	0.001	<0.01	0.26	3.3	1.3	3.5	7.4	0.02	<0.01	27.3
ASL 3		6.27	10.6	480	14.1	47.4	<0.001	<0.01	0.25	2.9	1.1	3.1	8.6	0.02	<0.01	17.0
ASL 4		8.95	17.7	420	14.5	64.8	0.001	<0.01	0.34	4.9	1.1	4.1	11.1	0.02	<0.01	34.8
ASL 5		7.42	14.5	780	15.0	77.4	0.001	0.05	0.37	3.1	2.3	3.7	14.3	0.03	0.01	5.8
ASL 6		8.29	14.8	580	24.2	112.5	0.001	0.03	0.42	4.2	2.0	4.8	11.9	0.03	0.01	15.0
ASL 7		7.11	15.3	750	24.7	78.2	0.001	0.05	0.35	2.8	2.9	4.3	9.9	0.04	0.01	8.7
ASL 8		8.89	13.8	450	21.1	81.8	0.001	<0.01	0.29	4.8	1.4	4.9	8.4	0.02	<0.01	36.3
ASL 9		10.30	11.8	500	16.3	77.0	0.001	<0.01	0.22	4.8	1.4	4.8	7.2	0.02	<0.01	43.4
ASL 10		10.50	12.1	480	21.9	85.3	0.001	0.01	0.28	4.6	2.2	5.2	7.8	0.03	<0.01	38.6
ASL 11		10.50	13.4	570	23.6	98.4	0.001	0.02	0.35	5.1	2.1	5.9	8.3	0.03	<0.01	37.0
ASL 12		8.28	10.5	340	14.0	69.9	0.001	<0.01	0.20	3.3	1.1	3.8	3.6	0.02	<0.01	24.3
ASL 13		4.29	7.5	1310	21.8	129.5	<0.001	0.14	0.39	0.9	1.2	3.6	9.5	0.02	0.01	1.1
ASL 14		7.57	10.6	500	14.3	78.3	0.001	0.01	0.22	3.4	1.5	4.1	5.5	0.02	<0.01	16.9
ASL 15		6.55	10.4	520	15.7	80.7	0.001	0.02	0.26	2.6	1.3	3.9	7.6	0.02	<0.01	8.7
ASL 16		5.51	8.3	400	12.7	67.5	<0.001	0.02	0.31	1.7	0.7	3.4	5.6	0.01	<0.01	3.0
ASL 17		4.40	8.2	640	11.3	45.8	0.001	0.04	0.19	1.0	2.2	2.5	6.5	0.03	<0.01	2.1
ASL 18		3.28	9.5	1000	11.9	60.4	0.001	0.09	0.36	0.8	2.8	2.5	12.4	0.03	<0.01	0.9
ASL 19		4.24	11.1	490	9.8	44.9	0.001	0.03	0.24	1.5	1.7	2.7	5.9	0.02	<0.01	3.3
ASL 20		4.51	13.5	1220	13.0	45.5	0.001	0.09	0.38	1.2	4.1	2.5	13.7	0.06	<0.01	2.3
ASL 21		12.55	17.4	260	31.1	83.7	0.001	<0.01	0.31	5.5	0.8	6.8	7.7	0.02	<0.01	56.1
ASL 22		8.56	4.8	260	31.8	71.4	0.001	<0.01	0.20	2.8	0.6	6.3	6.1	0.01	<0.01	14.0
ASL 23		17.70	9.6	290	25.4	91.1	<0.001	<0.01	0.27	4.8	0.9	6.5	7.4	0.06	<0.01	39.4
ASL 24		7.33	6.1	480	12.5	60.3	<0.001	0.01	0.28	1.9	0.7	4.5	3.8	0.01	<0.01	4.2

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: FUTURE METALS INC.
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
BSLS 81		0.152	0.23	1.32	41	0.80	5.38	42	2.2	1.17	0.70	0.11	1.61	0.23	0.09	10.4
BSLS 82		0.134	0.23	1.16	31	0.61	5.39	63	2.9	1.20	0.69	0.11	1.79	0.23	0.09	12.1
BSLS 83		0.142	0.39	1.63	26	0.60	8.98	79	2.3	1.77	1.07	0.13	2.49	0.35	0.14	17.1
BSLS 84		0.118	0.45	4.93	25	0.80	21.30	78	4.1	3.86	2.26	0.23	6.39	0.76	0.29	40.0
BSLS 85		0.192	0.68	2.50	36	0.68	14.45	147	3.0	2.76	1.66	0.24	4.19	0.56	0.22	25.9
BSLS 86		0.071	0.40	1.74	26	2.80	7.86	60	0.8	1.53	0.90	0.14	2.72	0.30	0.11	18.5
BSLS 87		0.108	0.45	1.13	22	0.66	8.42	67	2.1	1.61	0.96	0.15	2.53	0.32	0.12	16.5
BSLS 88		0.240	0.27	1.51	53	0.59	7.77	225	5.8	1.50	0.85	0.25	2.24	0.29	0.11	13.1
BSLS 89		0.162	0.28	2.13	39	0.99	10.15	118	5.2	2.01	1.15	0.20	2.81	0.40	0.15	18.2
BSLS 90		0.127	0.19	1.51	34	0.93	7.51	73	4.6	1.50	0.85	0.14	2.41	0.29	0.11	15.1
BSLS 91		0.096	0.27	4.00	27	1.46	8.41	106	2.5	1.60	0.96	0.14	2.36	0.31	0.12	14.9
BSLS 92		0.140	0.25	1.30	34	0.82	5.69	131	2.7	1.14	0.64	0.16	1.86	0.22	0.08	11.9
BSLS 93		0.194	0.28	1.25	46	0.51	4.61	54	2.9	1.02	0.57	0.14	1.84	0.19	0.07	11.9
BSLS 94		0.101	0.24	1.26	34	0.59	6.42	59	1.9	1.26	0.73	0.18	1.92	0.24	0.10	11.1
BSLS 95		0.213	0.28	2.22	49	0.95	9.36	145	4.6	1.88	1.07	0.23	3.01	0.36	0.13	18.2
BSLS 96		0.078	0.41	4.57	25	1.49	28.20	74	1.1	5.04	2.87	0.27	7.61	0.96	0.33	46.0
ASL 1		0.090	0.66	10.35	20	1.28	47.50	100	2.0	9.05	5.31	0.22	10.80	1.82	0.67	51.4
ASL 2		0.059	0.47	17.90	18	2.81	67.60	70	1.1	12.20	7.22	0.26	12.30	2.51	0.91	52.7
ASL 3		0.067	0.38	12.90	21	1.16	43.00	69	0.5	8.70	4.92	0.25	9.66	1.70	0.61	42.3
ASL 4		0.113	0.59	13.85	31	0.92	58.70	106	2.3	10.40	6.13	0.38	11.95	2.12	0.74	54.6
ASL 5		0.075	0.58	24.10	27	1.05	107.00	107	0.7	20.40	11.10	0.57	23.00	3.97	1.28	95.8
ASL 6		0.123	0.72	30.70	41	1.56	89.30	139	0.9	17.65	9.74	0.42	19.00	3.41	1.18	79.7
ASL 7		0.082	0.59	33.50	30	1.21	131.50	90	0.8	25.50	14.55	0.54	26.20	5.04	1.80	105.5
ASL 8		0.103	0.69	19.00	25	1.09	77.60	102	1.3	14.25	8.22	0.34	16.75	2.88	0.99	76.6
ASL 9		0.096	0.67	17.30	18	1.28	73.10	85	1.5	13.50	7.55	0.30	15.85	2.65	0.87	74.5
ASL 10		0.089	0.71	22.20	21	1.23	112.00	97	1.5	21.20	11.70	0.45	24.10	4.16	1.36	107.5
ASL 11		0.106	0.79	22.80	23	2.01	107.50	107	1.2	19.85	11.00	0.42	22.50	3.83	1.30	101.5
ASL 12		0.071	0.52	15.85	13	3.89	50.40	75	0.6	9.70	5.57	0.16	11.65	1.94	0.63	55.0
ASL 13		0.030	0.60	12.70	20	0.72	26.90	66	<0.5	5.83	2.95	0.19	6.98	1.10	0.33	33.2
ASL 14		0.074	0.56	22.20	16	2.93	74.00	90	<0.5	14.25	7.73	0.27	17.35	2.73	0.86	80.5
ASL 15		0.067	0.57	11.25	19	3.93	56.50	118	0.5	10.60	5.82	0.25	13.60	2.07	0.64	65.6
ASL 16		0.056	0.43	6.32	21	0.91	22.60	61	<0.5	4.05	2.30	0.13	5.18	0.80	0.27	25.1
ASL 17		0.031	0.32	20.10	10	1.16	108.50	54	<0.5	20.10	10.85	0.38	20.40	3.84	1.14	83.5
ASL 18		0.027	0.40	19.25	12	0.61	121.50	64	<0.5	22.50	12.50	0.43	21.90	4.52	1.38	80.9
ASL 19		0.040	0.36	14.40	16	0.96	78.50	51	<0.5	13.55	7.63	0.26	12.95	2.69	0.86	53.5
ASL 20		0.031	0.35	31.40	18	0.90	206.00	59	0.8	37.70	20.40	0.65	34.10	7.53	2.23	116.0
ASL 21		0.097	0.83	11.10	24	1.83	44.90	139	4.9	8.12	4.65	0.30	10.45	1.62	0.56	53.6
ASL 22		0.071	0.65	6.40	15	2.50	30.10	136	0.7	5.19	3.01	0.16	6.72	1.05	0.37	34.1
ASL 23		0.114	0.84	8.09	23	3.23	35.60	173	3.3	6.40	3.85	0.20	8.14	1.30	0.48	41.0
ASL 24		0.105	0.37	5.47	26	1.91	12.05	56	0.9	2.60	1.41	0.12	3.54	0.49	0.17	20.3

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
BSLS 81		2.95	1.84	0.22	0.10	0.61
BSLS 82		3.56	2.00	0.23	0.10	0.64
BSLS 83		4.98	2.78	0.34	0.15	0.94
BSLS 84		12.30	6.47	0.81	0.31	1.95
BSLS 85		7.44	4.28	0.56	0.23	1.48
BSLS 86		5.61	2.90	0.33	0.12	0.76
BSLS 87		4.89	2.76	0.33	0.13	0.82
BSLS 88		3.81	2.31	0.30	0.12	0.73
BSLS 89		5.31	3.18	0.40	0.16	1.01
BSLS 90		4.48	2.64	0.32	0.12	0.73
BSLS 91		4.34	2.52	0.32	0.14	0.80
BSLS 92		3.49	2.05	0.24	0.09	0.54
BSLS 93		3.53	2.03	0.23	0.08	0.52
BSLS 94		3.08	2.05	0.26	0.10	0.66
BSLS 95		5.25	3.11	0.40	0.15	0.92
BSLS 96		14.05	7.83	1.03	0.40	2.40
ASL 1		14.00	11.55	1.74	0.76	4.72
ASL 2		14.65	12.15	2.18	1.07	6.49
ASL 3		11.40	9.60	1.58	0.72	4.33
ASL 4		15.15	11.90	1.94	0.88	5.19
ASL 5		25.60	23.80	3.88	1.53	9.05
ASL 6		21.90	19.55	3.22	1.41	8.67
ASL 7		28.50	27.00	4.63	2.14	12.85
ASL 8		20.60	17.20	2.64	1.18	7.13
ASL 9		20.60	15.95	2.53	1.05	6.19
ASL 10		28.20	25.90	3.95	1.63	9.83
ASL 11		27.70	24.30	3.63	1.55	9.39
ASL 12		15.10	11.80	1.82	0.79	4.63
ASL 13		8.98	7.12	1.11	0.40	2.39
ASL 14		22.70	17.90	2.70	1.05	6.20
ASL 15		18.80	14.15	2.11	0.80	4.79
ASL 16		7.08	5.20	0.79	0.32	1.94
ASL 17		22.90	20.10	3.57	1.47	8.37
ASL 18		21.00	21.00	3.95	1.72	9.87
ASL 19		14.30	13.10	2.40	1.04	6.28
ASL 20		29.30	32.80	6.46	2.85	16.30
ASL 21		14.80	10.95	1.57	0.66	3.91
ASL 22		9.39	6.92	1.00	0.44	2.66
ASL 23		11.45	8.47	1.22	0.56	3.47
ASL 24		5.52	3.65	0.50	0.20	1.27

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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To: **FUTURE METALS INC.**
4048 DOLLARTON HWY.
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Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41r Ag ppm 0.01	ME-MS41r Al % 0.01	ME-MS41r As ppm 0.1	ME-MS41r Au ppm 0.2	ME-MS41r B ppm 10	ME-MS41r Ba ppm 10	ME-MS41r Be ppm 0.05	ME-MS41r Bi ppm 0.01	ME-MS41r Ca % 0.01	ME-MS41r Cd ppm 0.01	ME-MS41r Ce ppm 0.02	ME-MS41r Co ppm 0.1	ME-MS41r Cr ppm 1
ASL 25		0.42	<0.005	0.39	1.55	29.2	<0.2	<10	40	2.98	1.94	0.05	0.43	80.80	1.8	7
ASL 26		0.38	<0.005	0.04	1.43	9.8	<0.2	<10	50	4.12	1.64	0.06	0.47	123.50	2.5	8
ASL 27		0.40	<0.005	0.09	1.59	14.6	<0.2	<10	50	3.31	1.38	0.06	0.76	113.50	3.5	12
ASL 28		0.52	<0.005	0.05	1.66	9.1	<0.2	<10	60	3.57	1.21	0.05	0.76	177.00	2.5	8
ASL 29		0.42	<0.005	0.31	1.70	6.9	<0.2	<10	40	2.54	0.88	0.04	0.37	93.00	2.9	17
ASL 30		0.80	<0.005	0.06	0.88	4.5	<0.2	<10	40	1.04	0.80	0.06	0.30	53.50	2.3	14
ASL 31		0.58	<0.005	0.03	0.92	4.8	<0.2	<10	50	2.75	0.80	0.27	1.04	139.50	3.6	27
ASL 32		0.80	0.010	0.03	0.93	3.9	<0.2	<10	80	1.31	0.69	0.15	0.21	60.80	5.5	31
ASL 33		0.70	<0.005	<0.01	1.07	4.0	<0.2	<10	100	0.96	0.40	0.18	0.21	60.90	9.1	51
ASL 34		0.62	<0.005	0.24	3.31	5.0	<0.2	<10	100	1.89	0.28	0.10	0.35	50.00	14.8	47
ASL 35		0.74	<0.005	0.04	1.21	4.8	<0.2	<10	90	0.96	0.32	0.09	0.28	49.10	4.8	20

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Cs ppm 0.05	ME-MS41r Cu ppm 0.2	ME-MS41r Fe % 0.01	ME-MS41r Ga ppm 0.05	ME-MS41r Ge ppm 0.05	ME-MS41r Hf ppm 0.02	ME-MS41r Hg ppm 0.01	ME-MS41r In ppm 0.005	ME-MS41r K % 0.01	ME-MS41r La ppm 0.2	ME-MS41r Li ppm 0.1	ME-MS41r Mg % 0.01	ME-MS41r Mn ppm 5	ME-MS41r Mo ppm 0.05	ME-MS41r Na % 0.01
ASL 25		10.40	21.6	2.62	16.70	0.10	0.09	0.03	0.147	0.17	30.7	27.4	0.11	159	1.08	0.01
ASL 26		10.25	31.2	2.59	14.30	0.12	0.06	0.03	0.139	0.26	48.0	34.6	0.12	357	1.74	0.01
ASL 27		11.15	20.7	2.80	12.20	0.12	0.08	0.02	0.168	0.23	38.5	40.3	0.15	414	2.77	0.01
ASL 28		10.75	20.0	2.54	12.60	0.16	0.14	0.02	0.176	0.26	69.6	44.2	0.13	280	1.42	0.01
ASL 29		7.27	13.3	2.64	11.00	0.11	0.11	0.06	0.118	0.14	38.7	31.2	0.15	238	1.00	0.01
ASL 30		3.78	10.1	1.56	7.48	0.07	0.03	0.03	0.054	0.08	27.2	18.0	0.12	152	1.00	0.01
ASL 31		4.70	11.1	1.72	6.04	0.14	0.07	0.02	0.077	0.19	69.7	27.0	0.25	244	1.95	0.01
ASL 32		3.81	10.5	1.82	5.00	0.09	0.05	0.01	0.058	0.11	30.6	31.3	0.41	195	0.65	0.01
ASL 33		4.27	16.6	2.22	5.94	0.08	0.05	0.01	0.043	0.13	26.1	29.4	0.54	423	1.07	0.01
ASL 34		2.89	12.6	4.10	11.90	0.11	0.97	0.06	0.074	0.07	23.0	25.4	0.39	294	1.80	0.02
ASL 35		4.28	11.1	1.93	6.51	0.08	0.14	0.02	0.046	0.11	26.7	29.7	0.20	240	0.99	0.01

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Nb ppm 0.05	ME-MS41r Ni ppm 0.2	ME-MS41r P ppm 10	ME-MS41r Pb ppm 0.2	ME-MS41r Rb ppm 0.1	ME-MS41r Re ppm 0.001	ME-MS41r S % 0.01	ME-MS41r Sb ppm 0.05	ME-MS41r Sc ppm 0.1	ME-MS41r Se ppm 0.2	ME-MS41r Sn ppm 0.2	ME-MS41r Sr ppm 0.2	ME-MS41r Ta ppm 0.01	ME-MS41r Te ppm 0.01	ME-MS41r Th ppm 0.2
ASL 25		17.90	4.2	190	21.1	91.9	<0.001	<0.01	0.33	4.2	0.7	8.0	5.6	0.05	<0.01	32.5
ASL 26		11.95	5.5	250	17.8	111.5	<0.001	<0.01	0.32	5.0	1.0	8.8	5.9	0.01	<0.01	28.2
ASL 27		13.70	6.3	330	29.5	104.0	<0.001	<0.01	0.23	4.9	0.8	9.3	6.0	0.01	<0.01	35.1
ASL 28		15.60	7.3	290	31.0	103.5	<0.001	<0.01	0.26	5.2	1.1	9.3	6.0	0.02	<0.01	40.9
ASL 29		13.00	8.8	330	21.8	62.1	<0.001	<0.01	0.27	3.7	1.1	5.8	4.8	0.03	0.01	37.4
ASL 30		5.23	13.0	270	14.9	35.1	<0.001	<0.01	0.30	1.8	0.5	3.9	5.0	0.01	<0.01	2.9
ASL 31		9.46	21.6	380	12.2	51.2	<0.001	<0.01	0.22	3.1	0.9	3.6	11.5	0.01	<0.01	31.9
ASL 32		7.01	56.6	390	9.1	35.5	<0.001	<0.01	0.20	3.0	0.4	2.9	9.0	0.01	<0.01	12.7
ASL 33		6.60	72.5	390	6.8	38.8	<0.001	<0.01	0.30	3.5	0.4	2.3	14.1	0.01	<0.01	12.2
ASL 34		10.60	43.7	590	11.1	24.4	<0.001	<0.01	0.30	6.5	0.5	2.7	9.9	0.10	<0.01	21.5
ASL 35		9.06	22.7	380	10.6	48.9	<0.001	<0.01	0.29	2.6	0.3	2.5	7.9	0.02	<0.01	14.0

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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NORTH VANCOUVER BC V7G 1A2

Finalized Date: 1-SEP-2007
Account: FUTMET

Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Ti % 0.005	ME-MS41r Tl ppm 0.02	ME-MS41r U ppm 0.05	ME-MS41r V ppm 1	ME-MS41r W ppm 0.05	ME-MS41r Y ppm 0.05	ME-MS41r Zn ppm 2	ME-MS41r Zr ppm 0.5	ME-MS41r Dy ppm 0.05	ME-MS41r Er ppm 0.03	ME-MS41r Eu ppm 0.03	ME-MS41r Gd ppm 0.05	ME-MS41r Ho ppm 0.01	ME-MS41r Lu ppm 0.01	ME-MS41r Nd ppm 0.1
ASL 25		0.109	1.00	6.46	24	7.69	21.80	100	1.9	4.47	2.62	0.15	5.64	0.89	0.33	28.0
ASL 26		0.107	0.92	9.96	18	4.23	32.90	114	0.8	6.77	3.76	0.17	8.29	1.32	0.47	43.3
ASL 27		0.122	0.93	21.80	21	4.12	29.90	150	1.7	6.32	3.53	0.19	7.16	1.22	0.43	35.8
ASL 28		0.108	0.85	7.69	16	5.45	42.60	160	2.7	8.36	4.76	0.23	11.25	1.65	0.56	60.6
ASL 29		0.149	0.50	7.59	29	3.32	27.50	102	2.9	5.64	3.10	0.18	6.70	1.10	0.37	33.5
ASL 30		0.057	0.28	2.94	19	3.69	11.05	56	0.5	2.16	1.22	0.14	3.22	0.41	0.16	19.5
ASL 31		0.064	0.34	23.50	17	6.86	38.30	82	1.1	7.57	4.23	0.27	10.35	1.51	0.51	57.4
ASL 32		0.071	0.26	2.98	21	2.43	17.40	56	1.1	3.35	1.99	0.21	4.46	0.67	0.24	24.8
ASL 33		0.099	0.31	2.18	28	0.82	15.85	59	1.1	2.77	1.65	0.26	3.90	0.56	0.21	22.0
ASL 34		0.350	0.19	3.55	67	0.45	13.00	66	43.8	2.92	1.61	0.37	3.51	0.55	0.19	19.7
ASL 35		0.098	0.28	1.93	22	1.74	10.70	67	4.1	2.05	1.24	0.15	3.06	0.41	0.16	19.2

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Project: ATLIN HORSE 2007

CERTIFICATE OF ANALYSIS VA07090000

Sample Description	Method / Analyte / Units / LOR	ME-MS41r Pr ppm 0.03	ME-MS41r Sm ppm 0.03	ME-MS41r Tb ppm 0.01	ME-MS41r Tm ppm 0.01	ME-MS41r Yb ppm 0.03
ASL 25		7.35	5.80	0.88	0.37	2.33
ASL 26		11.80	8.75	1.33	0.53	3.34
ASL 27		9.51	7.35	1.19	0.50	3.08
ASL 28		16.65	11.35	1.65	0.65	4.10
ASL 29		8.78	6.78	1.06	0.44	2.74
ASL 30		5.53	3.28	0.44	0.17	1.08
ASL 31		16.20	10.25	1.49	0.59	3.67
ASL 32		6.72	4.50	0.66	0.27	1.73
ASL 33		5.88	3.86	0.56	0.23	1.40
ASL 34		5.28	3.79	0.56	0.22	1.43
ASL 35		5.53	3.13	0.42	0.17	1.10

Comments: Gold determinations by ME-MS41r are semi-quantitative due to the small sample weight used (0.5g).

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Fire Assay Procedure – Au-AA23 & Au-AA24
Fire Assay Fusion, AAS Finish

Sample Decomposition: Fire Assay Fusion (FA-FUS01 & FA-FUS02)
Analytical Method: Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au-GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au-GRA22

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Geochemical Procedure – ME-MS41
Ultra-Trace Level Methods Using ICP-MS and ICP-AES

Sample Decomposition: Aqua Regia Digestion (GEO-AR01)
Analytical Method: Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples are then analysed by ICP-MS for the remaining suite of elements. The analytical results are corrected for inter-element spectral interferences.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	25
Arsenic	As	ppm	0.1	10 000
Gold	Au	ppm	0.2	25
Boron	B	ppm	10	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Ca	%	0.01	25
Cadmium	Cd	ppm	0.01	1 000
Cerium	Ce	ppm	0.02	500
Cobalt	Co	ppm	0.1	10 000

Element	Symbol	Units	Lower Limit	Upper Limit
Chromium	Cr	ppm	1	10 000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.02	500
Mercury	Hg	ppm	0.01	10 000
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.2	10 000
Lithium	Li	ppm	0.1	10 000
Magnesium	Mg	%	0.01	25
Manganese	Mn	ppm	5	50 000
Molybdenum	Mo	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.05	500
Nickel	Ni	ppm	0.2	10 000
Phosphorus	P	ppm	10	10 000
Lead	Pb	ppm	0.2	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.001	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	0.2	1 000

Element	Symbol	Units	Lower Limit	Upper Limit
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000
Tantalum	Ta	ppm	0.01	500
Tellurium	Te	ppm	0.01	500
Thorium	Th	ppm	0.2	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10 000
Uranium	U	ppm	0.05	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.05	10 000
Yttrium	Y	ppm	0.05	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

APPENDIX E

SOIL HORIZONS & OTHER LAYERS

SOIL HORIZONS AND OTHER LAYERS

The definitions of classes in the Canadian system are based mainly on the kinds, degrees of development, and the sequence of soil horizons and other layers in pedons. Therefore, the clear definition and designation of soil horizons and other layers are basic to soil classification. A soil horizon is a layer of mineral or organic soil or soil material approximately parallel to the land surface that has characteristics altered by processes of soil formation.

It differs from adjacent horizons in properties such as colour, structure, texture, and consistence, and in chemical, biological, and mineralogical composition. The other layers are either nonsoil layers such as rock and water or layers of unconsolidated material considered to be unaffected by soil-forming processes. For the sake of brevity these other layers are referred to simply as layers, but it is recognized that soil horizons are also layers In previous editions of this publication and in the Glossary of Terms in Soil Science organic materials are designated as layers and not horizons.

The major mineral horizons are A, B, and C.

The major organic horizons are L, F, and H, which are mainly forest litter at various stages of decomposition, and O, which is derived mainly from bogs, marsh, or swamp vegetation. Subdivisions of horizons are labeled by adding lower case suffixes to some of the major horizon symbols as with Ah or Re. Well-developed horizons are readily identified in the field. However, in cases of weak expression or of borderline properties, as between Ah and H, laboratory determinations are necessary before horizons can be designated positively. Many of the laboratory methods required are outlined in a manual prepared by a subcommittee of CSSC (McKeague 1976). Some other methods pertaining to organic horizons are outlined near the end of this chapter.

The layers defined are R, rock; W, water; and IIC or other nonconforming, unconsolidated mineral layers, IIIC, etc. below the control section that are unaffected by soil-forming processes. Theoretically a IIC affected by soil-forming processes is a horizon; for example a IICca is a horizon. In practice, it is usually difficult to determine the lower boundary of soil material affected by soil-forming processes.

Thus the following are considered as horizons: C(IC), any unconforming layer within the control section, and any unconforming layer below the control section that has been affected by pedogenic processes (e.g. IIBc, IIIBtj). Unconforming layers below the control section that do not appear to have been affected by pedogenic processes are considered as layers. The tiers of Organic soils are also considered as layers.

Mineral horizons and layers

Mineral horizons contain 17% or less organic C (about 30% organic matter) by weight.

A This is a mineral horizon formed at or near the surface in the zone of leaching or eluviation of materials in solution or suspension, or of maximum in situ accumulation of organic matter or both. The accumulation of organic matter is usually expressed morphologically by a darkening of the surface soil (Ah), and conversely the removal of organic matter is usually expressed by a lightening of the soil colour usually in the upper part of the solum (Ae)· The removal of clay from the upper part of the solum (Ae) is expressed by a coarser soil texture relative to the underlying subsoil layers. The removal of iron is indicated usually by a paler or less red soil colour in the upper part of the solum (Ae) relative to the lower part of the subsoil.

B This is a mineral horizon characterized by enrichment in organic matter, sesquioxides, or clay, or by the development of soil structure; or by a change of colour denoting hydrolysis, reduction, or oxidation. The accumulation in B horizons of organic matter (Bh) is evidenced usually by dark colours relative to the C horizon. Clay accumulation is indicated by finer soil textures and by clay cutans coating peds and lining pores (Bt). Soil structure developed in B horizons includes prismatic or columnar units with coatings or stainings and significant amounts of exchangeable sodium (Bn) and other changes of structure (Bm) from that of the parent material. Colour changes include relatively uniform browning due to oxidation of iron (Bm), and mottling and gleying of structurally altered material associated with periodic reduction (Bg)·

C This is a mineral horizon comparatively unaffected by the pedogenic processes operative in A and B, (C), except the process of gleying (Cg), and the accumulation of calcium and magnesium carbonates (Cca) and more soluble salts (Cs, Csa). Marl, diatomaceous earth, and rock no harder than 3 on Mohs' scale are considered to be C horizons.

R This is a consolidated bedrock layer that is too hard to break with the hands (>3 on Mohs' scale) or to dig with a spade when moist and does not meet the requirements ·of a C horizon. The boundary between the R layer and any overlying unconsolidated material is called a lithic contact.

W This is a layer of water in Gleysolic, Organic, or Cryosolic soils. Hydric layers in Organic soils are a kind of W layer.

Lowercase suffixes

b-A buried soil horizon.

c -- A cemented (irreversible) pedogenic horizon. Ortstein, placic, and duric horizons of Podzolic soils, and a layer cemented by CaC03 are examples.

ca - A horizon of secondary carbonate enrichment in which the concentration of lime exceeds that in the unenriched parent material. It is more than 10 cm thick, and its CaCO, equivalent exceeds that of the parent material by at least 5% if the CaCO, equivalent is less than 1 (13% vs 8%), or by at least 1/3 if the CaCO3 equivalent of the horizon is 15% or more (28% vs 21%). If no IC is present, this horizon is more than 10 cm thick and contains more than 5% by volume of secondary carbonates in concretions or in soft, powdery forms, cc -- Cemented (irreversible) pedogenic concretions.

e -- A horizon characterized by the eluviation of clay, Fe, Al, or organic matter alone or in combination. When dry, it is usually higher in (colour value by one or more units than an underlying B horizon. It is used with A (Ae).

f-A horizon enriched with amorphous material, principally Al and Fe combined with organic matter. It must have a hue of 7.5YR or redder, or its hue must be 10YR near the upper boundary and become yellower with depth. When moist the chroma is higher than 3 or the value is 3 or less. It contains at least 0.6% pyrophosphate-extractable Al + Fe in textures finer than sand and 0.4% in sands (coarse sand, sand, fine sand, and very fine sand). The ratio of pyrophosphate-extractable Al + Fe to clay (< 0.002 mm) is more than 0.05 and organic C exceeds 0.5 ·o . Pyrophosphate- extractable Fe is at least 0.3%, or the ratio of organic C to pyrophosphate-extractable -Fe is less than 20, or both are true. It is used with B alone (Bf), with B and h (Bhf), with B and g (Bfg), and with other suffixes. These criteria do not apply to Bgf horizons. The following f horizons are differentiated on the basis of the organic C content:

Bf - 0.5-5% organic C

Bhf --- more than 5% organic C

No minimum thickness is specified for a BF or a Bhf horizon. Thin Bf and Bhf horizons do not qualify as podzolic B horizons as defined later in this chapter. Some Ah and Ap horizons contain sufficient pyrophosphate-extractable Al + Fe to satisfy this criterion of f but are designated Ah or Ap.

g --- A horizon characterized by gray colours, or prominent mottling, or both, indicative of permanent or periodic intense reduction. Chromas of the matrix are

generally 1 or less. T-t is used with A and e (Aeg); B alone (Bg); B and f (Bfg, Bgf); B, h, and f (Bhfg); B and t (Btg) C alone (Cg); C and k (Ckg); and several others. In some reddish parent materials matrix colours o reddish hues and high chromas may persist despite long periods of reduction. In these soils, horizons are designated as g if there is gray mottling or marked bleaching on ped faces or along cracks.

Aeg -- This horizon must meet the definitions of A, e, and g.

Bg This horizon is analogous to a Em horizon but has colours indicative of poor drainage and periodic reduction. It includes horizons occurring between A and C horizons in which the main features are: (i) Colours of low chroma, that is: chromas of -1 or less, without mottles on ped surfaces or in the matrix if peds are lacking; or chromas of 2 or less in hues of 10YR or redder, on ped surfaces or in the matrix if peds are lacking, accompanied by more prominent mottles than those in the C horizon; or hues bluer than lOY, with or without mottles on ped surfaces or in the matrix if peds are lacking. (ii) Colours indicated in (i) and a change in structure from that of the C horizon. (iii) Colours indicated in (i) and illuviation of clay too slight to meet the requirements of Bt, or an accumulation of iron oxide too slight to meet the limits of Bgf. (iv) Colours indicated in (i) and the removal of carbonates. Bg horizons occur in some Orthic Humic Gleysols and some Orthic Gleysols.

Bfg, Bhfg, Btg, and others -- When used in any of these combinations the limits set for f, hf, t, and others must be met.

Bgf -- The dithionite-extractable Fe of this horizon exceeds that of the IC by 1% or more. Pyre phosphate-extractable Al + Fe is less than the minimum limit specified for f horizons. This horizon occurs in Fera Gleysols and Fera Humic Gleysols and possibly below the Bfg of gleyed Podzols. It is distinguished from the Bfg of gleyed Podzols on the basis of the extractability of the Fe and Al. The Fe in the Bgf horizon is thought to have accumulated as a result of the oxidation of ferrous iron. The iron oxide formed is not associated intimately with organic matter or with Al and is sometimes crystalline. The Bgf horizons are usually prominently mottled, more than half of the soil material occurs as mottles of high chroma.

Cg, Ckg, Ccag, Csg, Csag -- When g is used with C alone, or with C and one of the lowercase suffixes k, ca, s, or sa the horizon must meet the definition for C and for the particular suffix as well as for g.

h -- A horizon enriched with organic matter. It is used with A alone (Ah), or with A and e (Ahe), or with B alone (Bh), or with -B and f (Bhf).

Ah -- A horizon enriched with organic matter, it has a colour value at least one unit lower than the underlying horizon or 0.5·0 more organic C than the IC or both. It contains less than 17% organic C by weight.

Ahe -- An Ah horizon that has undergone eluviation as evidenced, under natural conditions, by streaks and splotches of different shades of gray and often by platy structure. It may be overlain by a dark-coloured Ah and underlain by a light-coloured Re.

Bh - This horizon contains more than 1% organic C, less than 0.3% pyrophosphate-extractable Fe, and has a ratio of organic C to pyrophosphate-extractable Fe of 20 or more. Generally the colour value and chroma are less than 3 when moist.

Bhf -- Defined under f.

j This is used as a modifier of suffixes e, f, g, n, and t to denote an expression of, but failure to meet, the specified limits of the suffix it modifies. It must be placed to the right and adjacent to the suffix it modifies. For example, Bfgj means a Bf horizon with a weak expression of gleying, Bfjgj means a B horizon with weak expression of both f and g features.

Aej -- It denotes an eluvial horizon that is thin, discontinuous, or slightly discernible.

Btj -- It is a horizon with some illuviation of clay but not enough to meet the limits of Bt.

Btgj, Bmgj These are horizons that are mottled but do not meet the criteria of Bg.

Bfj It is a horizon with some accumulation of pyrophosphate-extractable Al + Fe but not enough to meet the limits of Bf. In addition, the colour of this horizon may not meet the colour criteria set for Bf.

Btnj or Bnj - These are horizons in which the development of solonetzic B properties is evident but insufficient to meet the limits for En or Bnt.

k - Denotes the presence of carbonate as indicated by visible effervescence when dilute HC1 is added. It is used mostly with B and m (Bmk) or C (Ck) and occasionally with Ah or Ap (Ahk, Apk), or organic horizons (Ofk, Omk).

m - A horizon slightly altered by hydrolysis, oxidation, or solution, or all three to give a change in colour or structure, or both. It has:

1. Evidence of alteration in one of the following forms:

a. Higher chromas and redder hues than the underlying horizons.

b. Removal of carbonates either partially (Bmk) or completely (Bm).

c. A change in structure from that of the original material.

1. Illuviation, if evident, too slight to meet the requirements of a Bt or a podzolic B 3
2. Some weatherable minerals.
3. No cementation or induration and lacks a brittle consistence when moist This suffix can be used as Bm, Bmgj, Bmk, and Ems.

n -- A horizon in which the ratio of exchangeable Ca to exchangeable Na is 10 or less. It must also have the following distinctive morphological characteristics: prismatic or columnar structure, dark coatings on ped surfaces, and hard to very hard consistence when dry. It is used with B as En or Bnt.

p-A horizon disturbed by man's activities such as cultivation, logging, and habitation. It is used with A and O.

s - A horizon with salts, including gypsum, which may be detected as crystals or veins, as surface crusts of salt crystals, by depressed crop growth, or by the presence of salt-tolerant plants. It is commonly used with C and k (Csk), but can be used with any horizon or combination of horizon and lowercase suffix.

sa - A horizon with secondary enrichment of salts more soluble than Ca and Mg carbonates; the concentration of salts exceeds that in the unenriched parent material. The horizon is at least 10 cm thick. The conductivity of the saturation extract must be at least 4 mS/cm and exceed that of the C horizon by at least one-third. (The unit mho has been replaced by siemens [S].) t -- An illuvial horizon enriched with silicate clay. It is used with B alone (Bt), with B and g (Btg), with B and n (Bnt), etc.

Bt - A Bt horizon is one that contains illuvial layer-lattice clays. It forms below an eluvial horizon but may occur at the surface of a soil that has been partially truncated. It usually has a higher ratio of fine clay to total clay than the IC. It has the following properties :

1. If any part of an eluvial horizon remains and there is no lithologic discontinuity between it and the Bt horizon, the Bt horizon contains more total clay than the eluvial horizon as follows:

a. If any part of the eluvial horizon has less than 15% total clay in the fine earth fraction (<2 mm), the Bt horizon must contain at least 3% more clay, e.g. Re 10% clay; Bt minimum 13% clay.

b. If the eluvial horizon has more than 15% and less than 40% total clay in the fine earth fraction, the ratio of the clay in the Bt horizon to that in the eluvial horizon must be 1.2 or more, e.g. Re 25% clay; Bt at least 30% clay.

c. If the eluvial horizon has more than 40% total clay in the fine earth fraction, the Bt horizon must contain at least 8% more clay, e.g. Re 50·0 clay; Bt at least 58% clay.

1. A Bt horizon must be at least 5 cm thick. In some sandy soils where clay accumulation occurs in the lamellae, the total thickness of the lamellae should be more than 10 cm in the upper 150 cm of the profile.
2. In massive soils the Bt horizon should have oriented clay in some pores and also as bridges between the sand grains.
3. If peds are present, a Bt horizon has clay skins on some of the vertical and horizontal ped surfaces and in the fine pores or has illuvial oriented clays in 1% or more of the cross section as viewed in thin section.
4. If a soil shows a lithologic discontinuity between the eluvial horizon and the Bt horizon, or if only a plow layer overlies the Bt horizon, the Bt horizon need show only clay skins in some part, either in some fine pores or on some vertical and horizontal ped surfaces. Thin sections should show that the horizon has about 1% or more of oriented clay bodies Btj and Btg are defined under j and g.

u -- A horizon that is markedly disrupted by physical or faunal processes other than cryoturbation. Evidence of marked disruption such as the inclusion of material from other horizons or the absence of the horizon must be evident in at least half of the cross section of the pedon. Such turbation can result from a blowdown of trees, mass movement of soil on slopes, and burrowing animals. The u can be used with any horizon or subhorizon with the exception of A or B alone; e.g. Aeu, Bfu, BCu.

x - A horizon of fragipan character. A fragipan is a loamy subsurface horizon of high bulk density and very low organic matter content. When dry, it has a hard consistence and seems to be cemented. When moist, it has moderate to weak brittleness. It frequently has bleached fracture planes and is overlain by a friable B horizon. Air-dry clods of fragic horizons slake in water.

y -- A horizon affected by cryoturbation as manifested by disrupted and broken horizons, incorporation of materials from other horizons, and mechanical sorting in at least half of the cross section of the pedon. It is used with A, B, and C alone or in combination with other subscripts, e.g. Ahy, Ahgy, Bmy, Cy, Cgy, Cygj.

z -- A frozen layer. It may be used with any horizon or layer, e.g. Ohz, Bmz, Cz, Wz.

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APPENDIX F

STATEMENT OF WORK DOCUMENTS

Event Number: 4195457
Event Type: Exploration and Development Work / Expiry Date Change

Work Type Code: T

Required Work Amount: 21976.25

Total Work Amount: 26000.00

Total Amount Paid: 2198.52

PAC Name: Future Metals Inc.

PAC Debit: 0.00

Tenure Number: 555479
    Tenure Type: M
    Tenure Subtype: C
    Claim Name: BASE
    Old Good To Date: 2008/mar/31
    New Good To Date: 2010/mar/31
    Tenure Required Work Amount: 3270.76
    Tenure Submission Fee: 327.08

Tenure Number: 555483
    Tenure Type: M
    Tenure Subtype: C
    Claim Name: BASE 2
    Old Good To Date: 2008/mar/31
    New Good To Date: 2010/mar/31
    Tenure Required Work Amount: 3272.53
    Tenure Submission Fee: 327.25

Tenure Number: 555485
    Tenure Type: M
    Tenure Subtype: C
    Claim Name: TINMAN
    Old Good To Date: 2008/mar/31
    New Good To Date: 2010/mar/31
    Tenure Required Work Amount: 3270.17
    Tenure Submission Fee: 327.02

Tenure Number: 552052
    Tenure Type: M
    Tenure Subtype: C
    Claim Name: FUTURE
    Old Good To Date: 2008/feb/15
    New Good To Date: 2010/feb/15
    Tenure Required Work Amount: 3267.99
    Tenure Submission Fee: 327.25

Tenure Number: 552054
Tenure Type: M
Tenure Subtype: C
Claim Name: FUTURE 2
Old Good To Date: 2008/feb/15
New Good To Date: 2010/feb/15
Tenure Required Work Amount: 3269.40
Tenure Submission Fee: 327.39

Tenure Number: 555795
Tenure Type: M
Tenure Subtype: C
Claim Name: FUTURE 3
Old Good To Date: 2008/apr/05
New Good To Date: 2010/apr/05
Tenure Required Work Amount: 3269.92
Tenure Submission Fee: 326.99

Tenure Number: 555798
Tenure Type: M
Tenure Subtype: C
Claim Name: FUTURE 4
Old Good To Date: 2008/apr/05
New Good To Date: 2010/apr/05
Tenure Required Work Amount: 2355.48
Tenure Submission Fee: 235.55

Your technical work report is due in 90 days as per Section 33 of the Mineral Tenure Act and Section 16 and Schedule A of the Mineral Tenure Act Regulation. Please attach a copy of your confirmation page to the front of your report.

Server Name: PRODUCTION

Payment Receipt

Service Provided: Mineral Tenure Operation

Date:	Feb 12, 2008	Transaction Type:	Purchase
Card Type:	Visa	Amount:	$ 2198.52
Card Number:	xxxxxxxxxxxx3755	Invoice Number:	110115600

Note 1: *The above card number is hidden for privacy.*

Approval Code:	087564	Response Message:	0APPROVED 087564
Host Date/Time:	Feb 12, 2008 / 9:46:17pm	Sequence Number:	551001001154
ISO Response Code:	00	Terminal ID:	BCGOVEMMTO
Response Code:	001		

Note 2: *"Mineral Tenure Operation" will appear on your credit card statement.*

Click here to print this receipt.

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder: FUTURE METALS INC. (209128)

Submitter: FUTURE METALS INC. (209128)

Recorded: 2008/FEB/12

Effective: 2008/FEB/12

D/E Date: 2008/FEB/12

Your report is due in 90 days. Please attach a copy of this confirmation page to the front of your report.

Event Number: 4195457

Work Start Date: 2007/JUL/14

Work Stop Date: 2007/JUL/22

Total Value of Work: $ 26000.00

Mine Permit No:

Work Type: Technical Work

Technical Items: Geochemical

Summary of the work value:

Tenure #	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Work Value Due	Sub-mission Fee
555479	BASE	2007/mar/31	2008/mar/31	2010/mar/31	730	408.85	$ 3270.76	$ 327.08
555483	BASE 2	2007/mar/31	2008/mar/31	2010/mar/31	730	409.07	$ 3272.53	$ 327.25
555485	TINMAN	2007/mar/31	2008/mar/31	2010/mar/31	730	408.77	$ 3270.17	$ 327.02
552052	FUTURE	2007/feb/15	2008/feb/15	2010/feb/15	731	408.50	$ 3267.99	$ 327.25
552054	FUTURE 2	2007/feb/15	2008/feb/15	2010/feb/15	731	408.68	$ 3269.40	$ 327.39
555795	FUTURE 3	2007/apr/05	2008/apr/05	2010/apr/05	730	408.74	$ 3269.92	$ 326.99
555798	FUTURE 4	2007/apr/05	2008/apr/05	2010/apr/05	730	294.43	$ 2355.48	$ 235.55

Total required work value:	$	21976.25

PAC name:		Future Metals Inc.
Debited PAC amount:	$	0.00
Credited PAC amount:	$	4023.75

Total Submission Fees:	$	2198.52

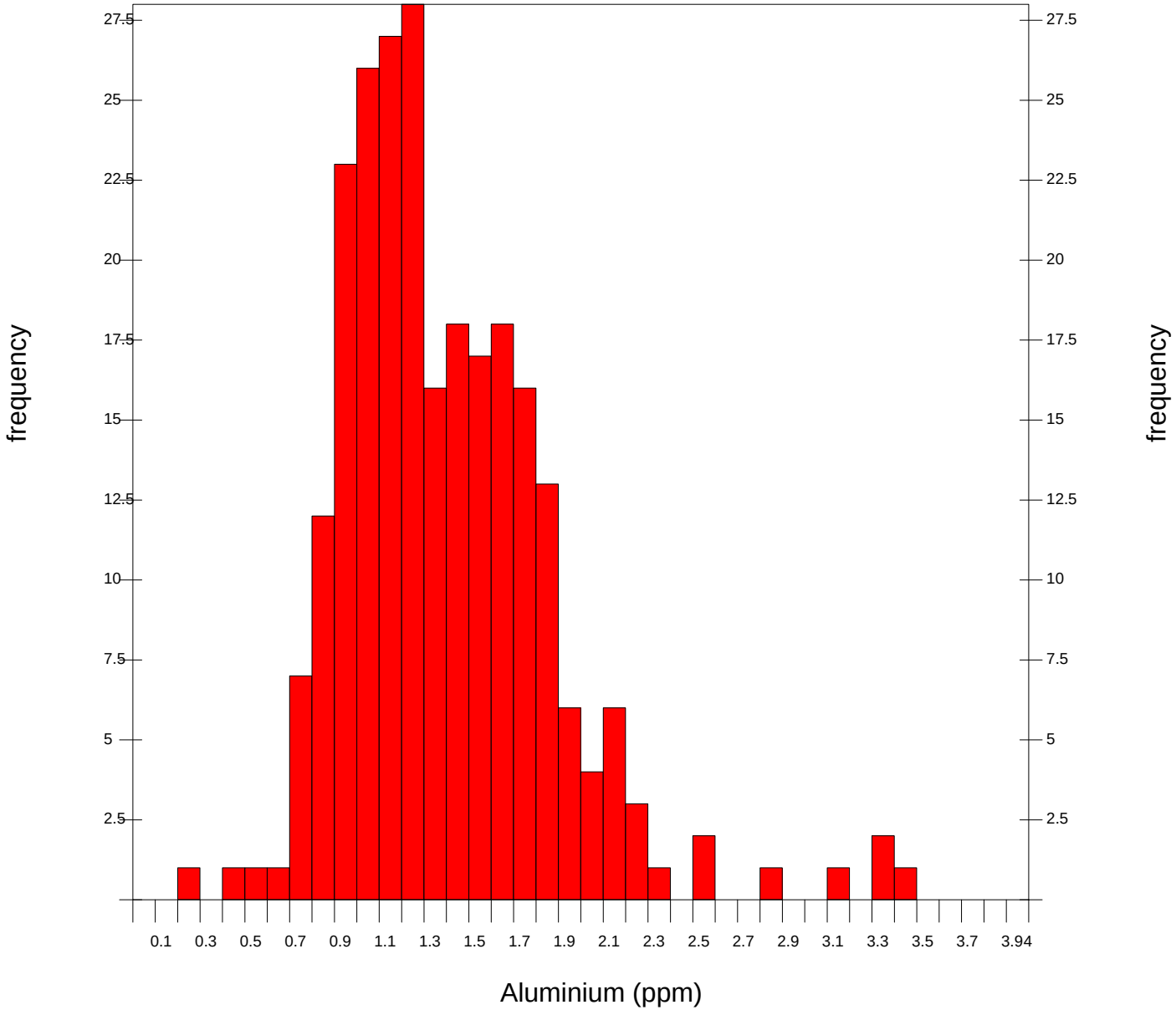
Total Paid:	$	2198.52

The event was successfully saved.

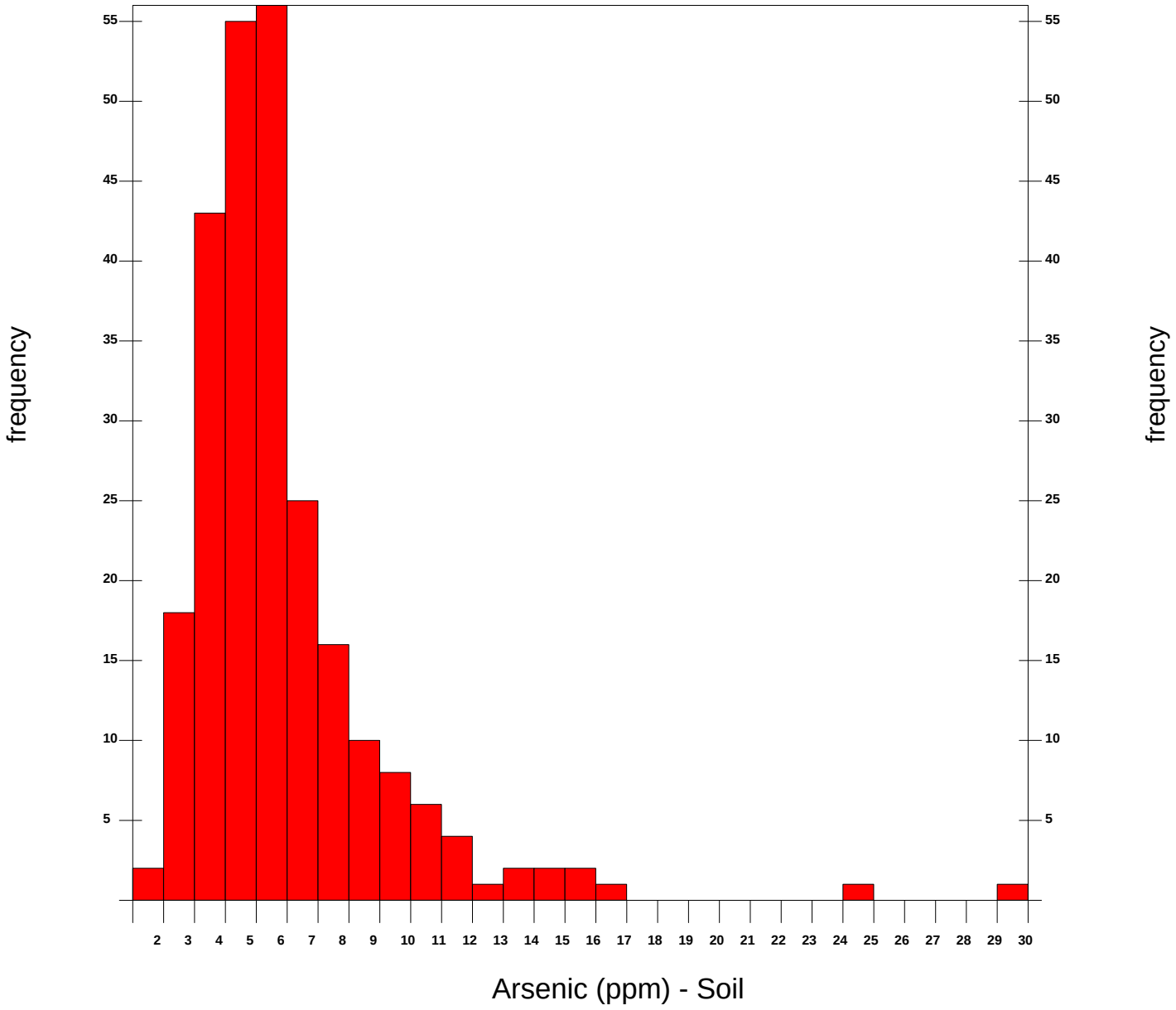
APPENDIX G

ATLIN HORSE SOIL & SILT SAMPLE HISTOGRAMS

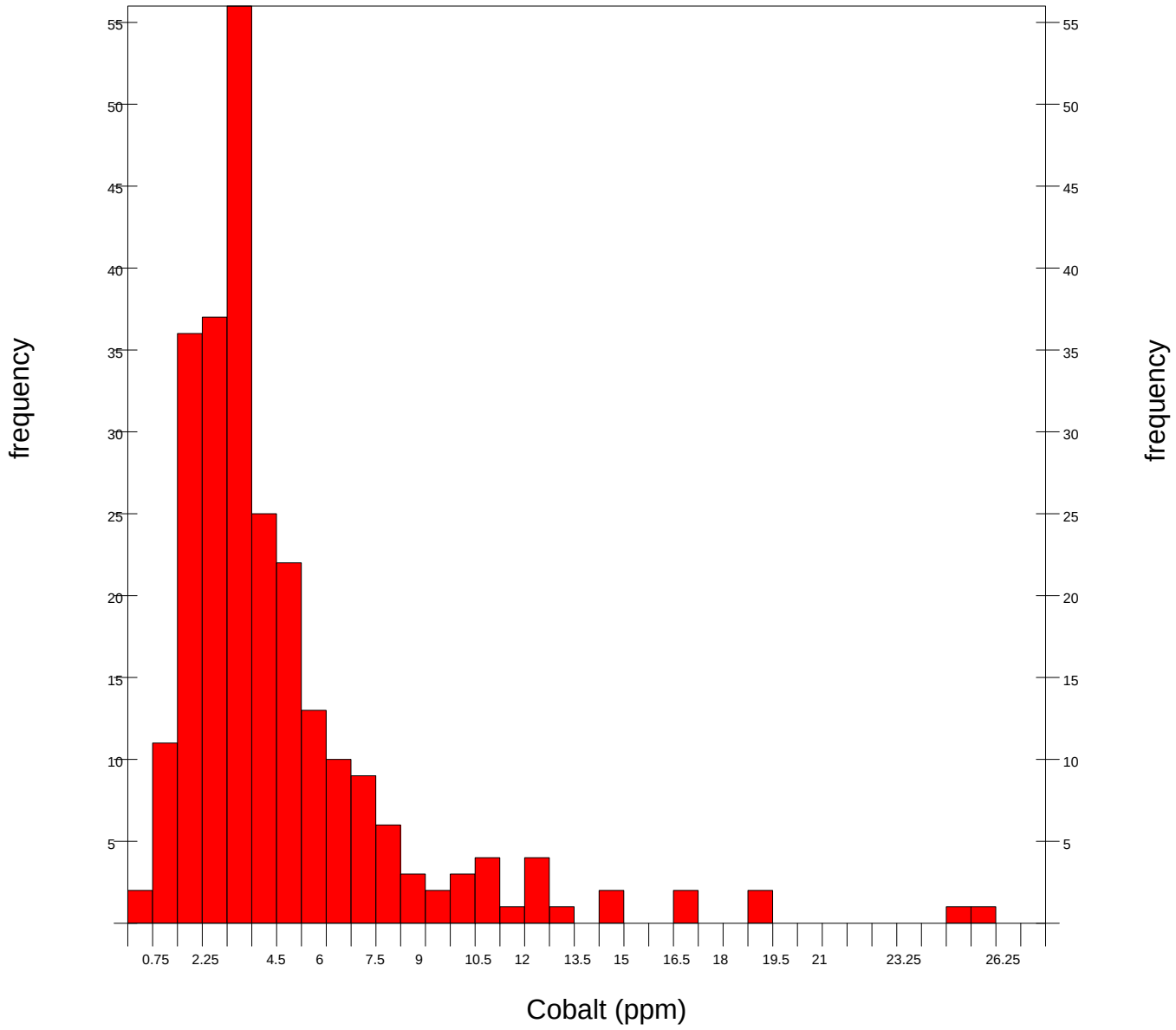
Atlin Horse Soil Aluminium Statistics



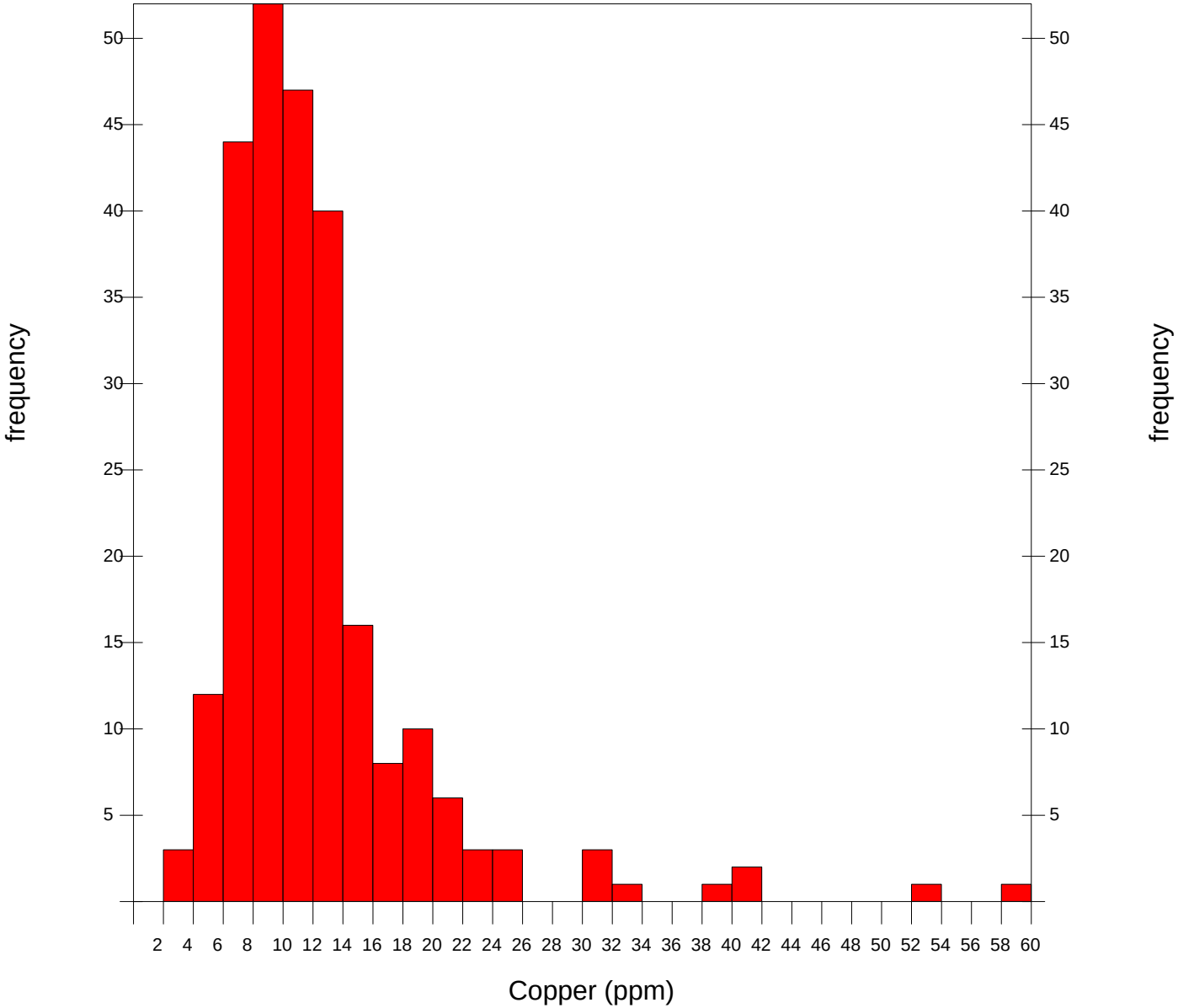
Atlin Horse Soil Arsenic Statistics



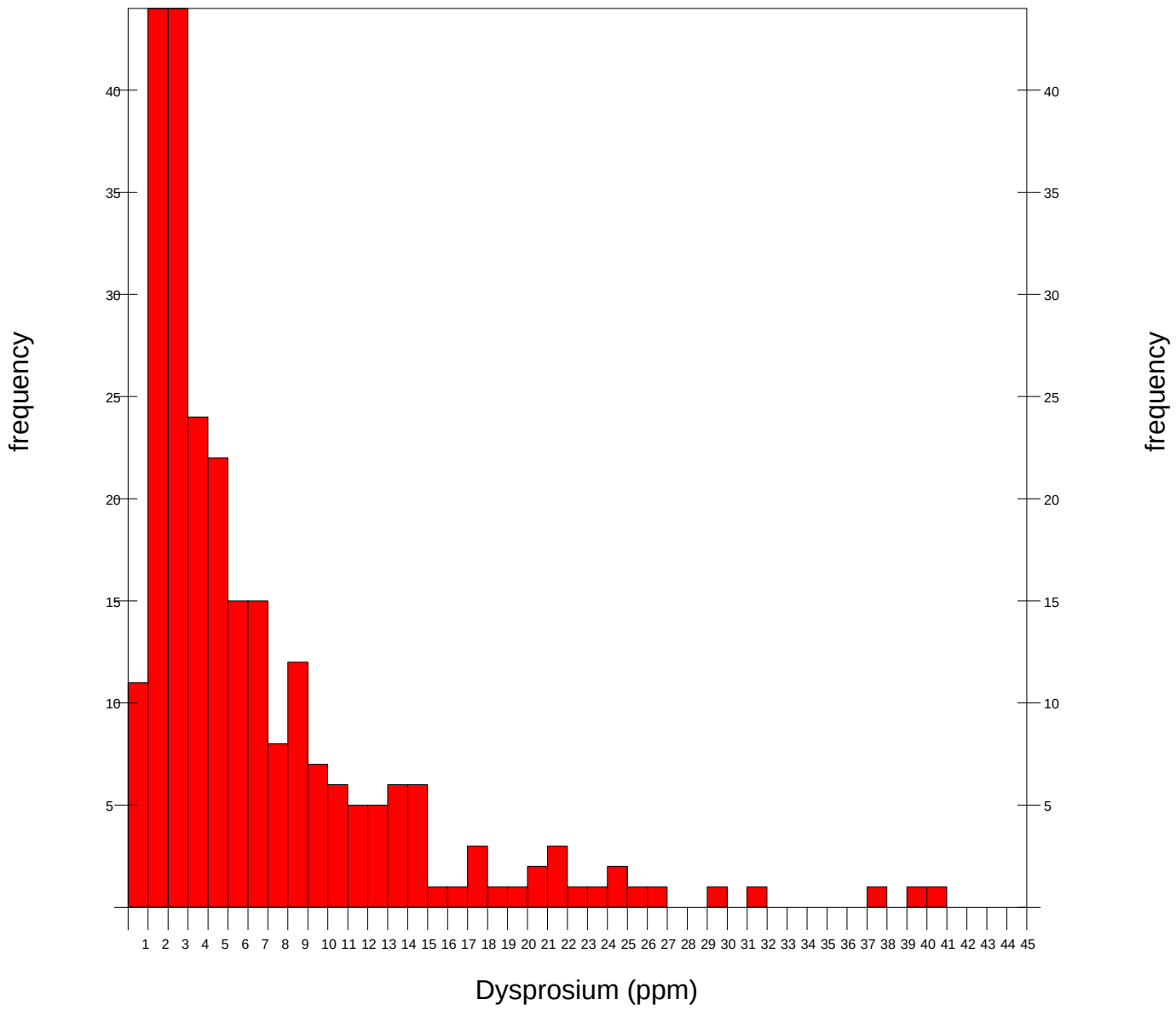
Atlin Horse Soil Cobalt Statistics



Atlin Horse Soil Copper Statistics



Atlin Horse Soil Dysprosium Statistics



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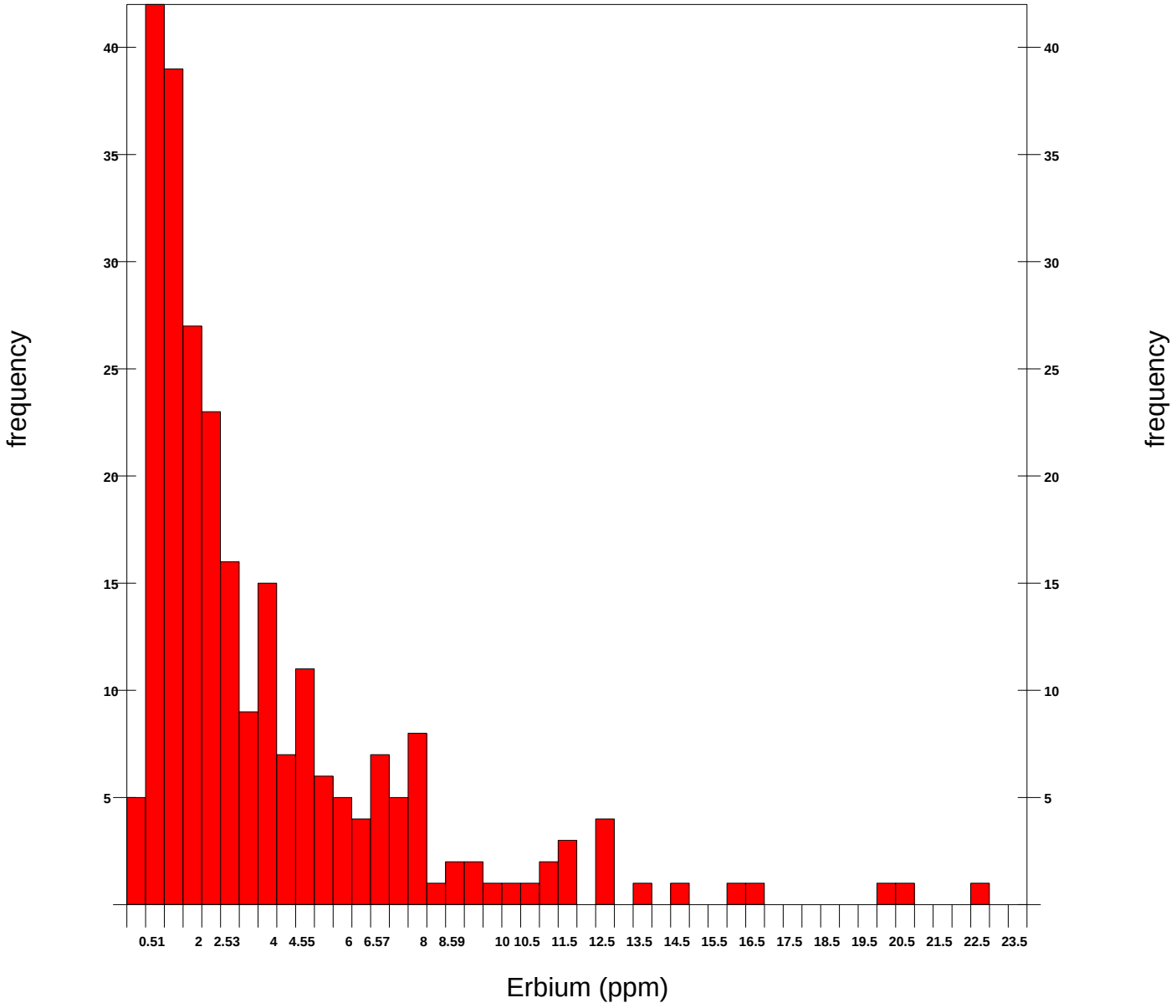
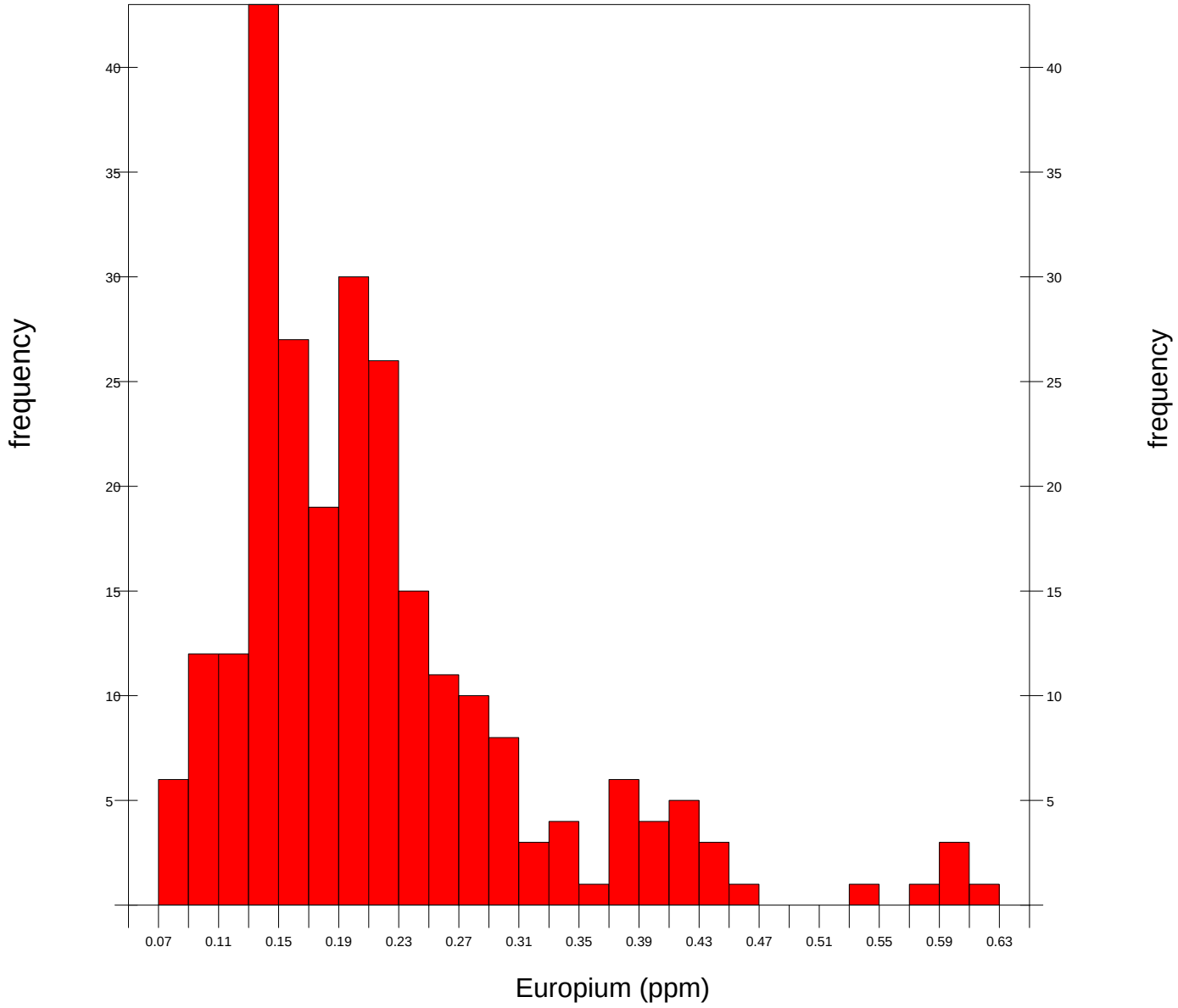


Atlin Horse Soil Europium Statistics



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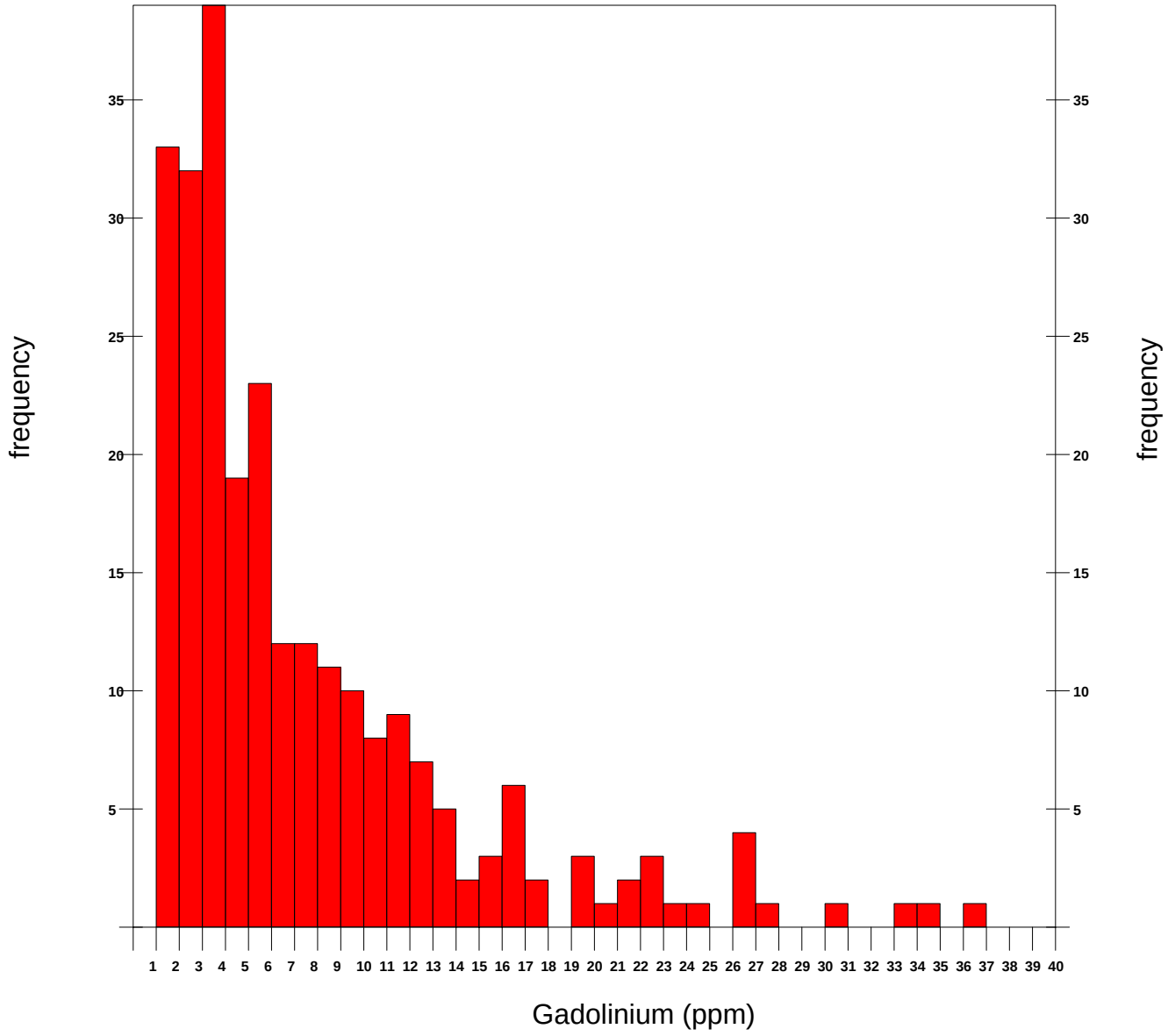
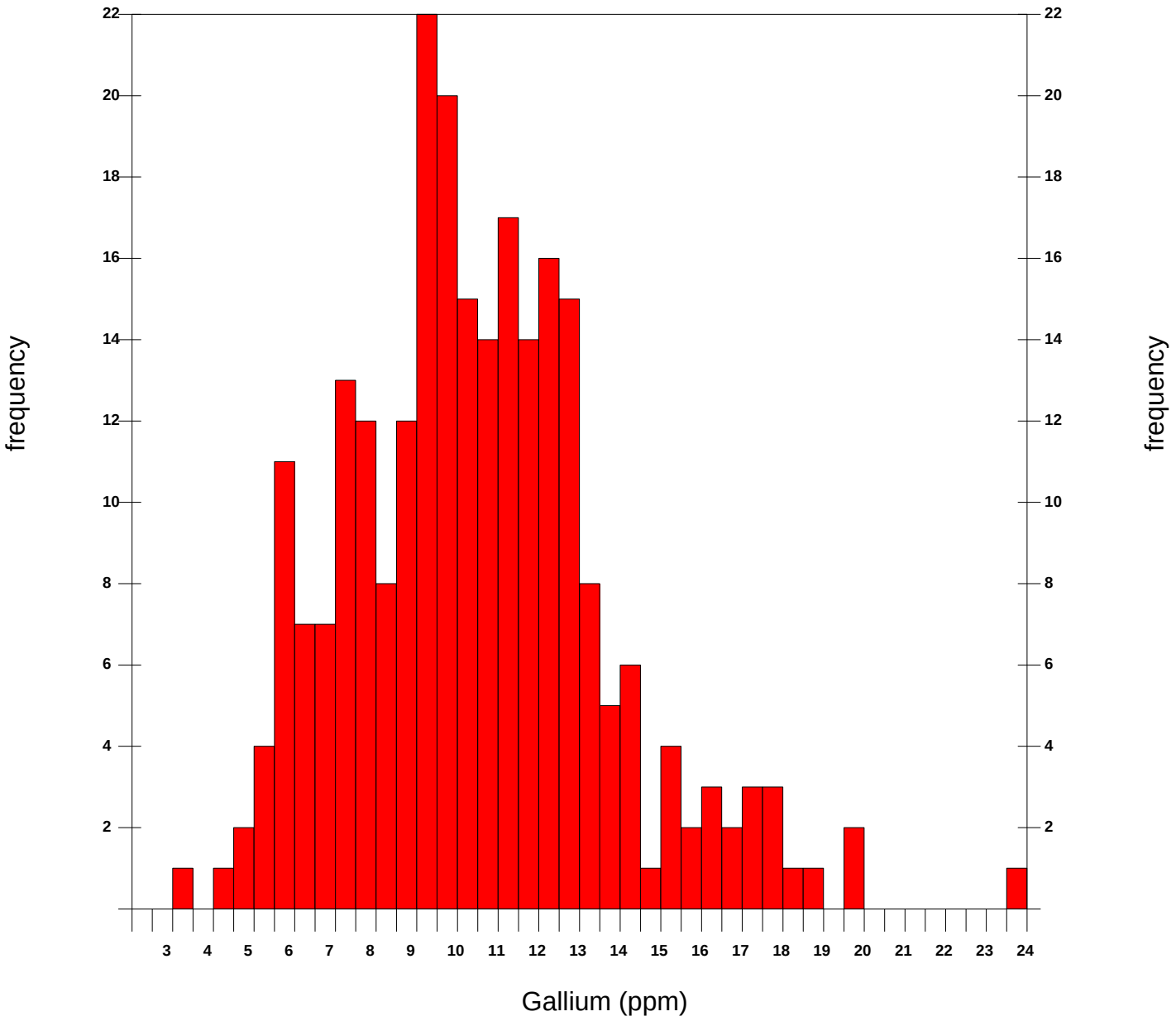
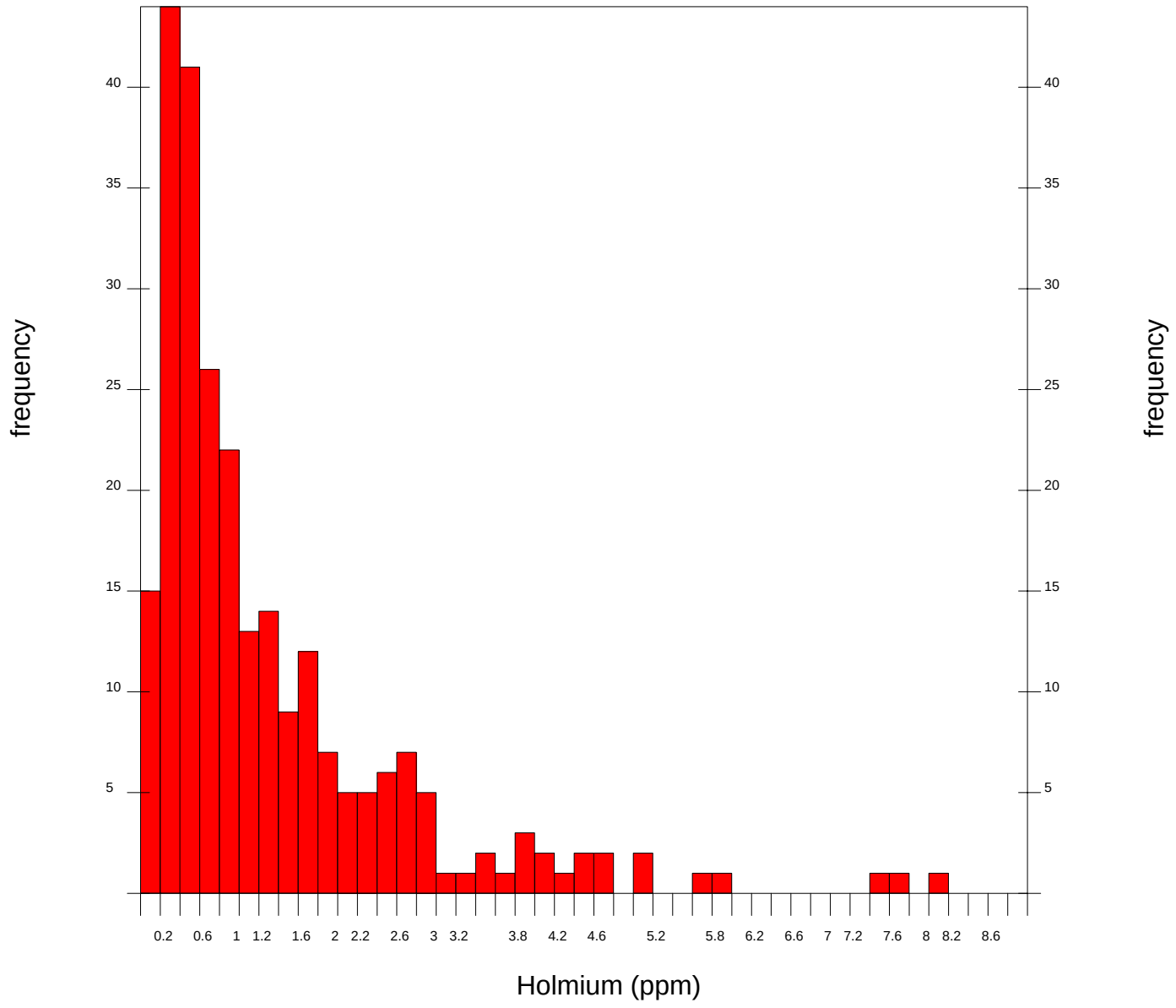


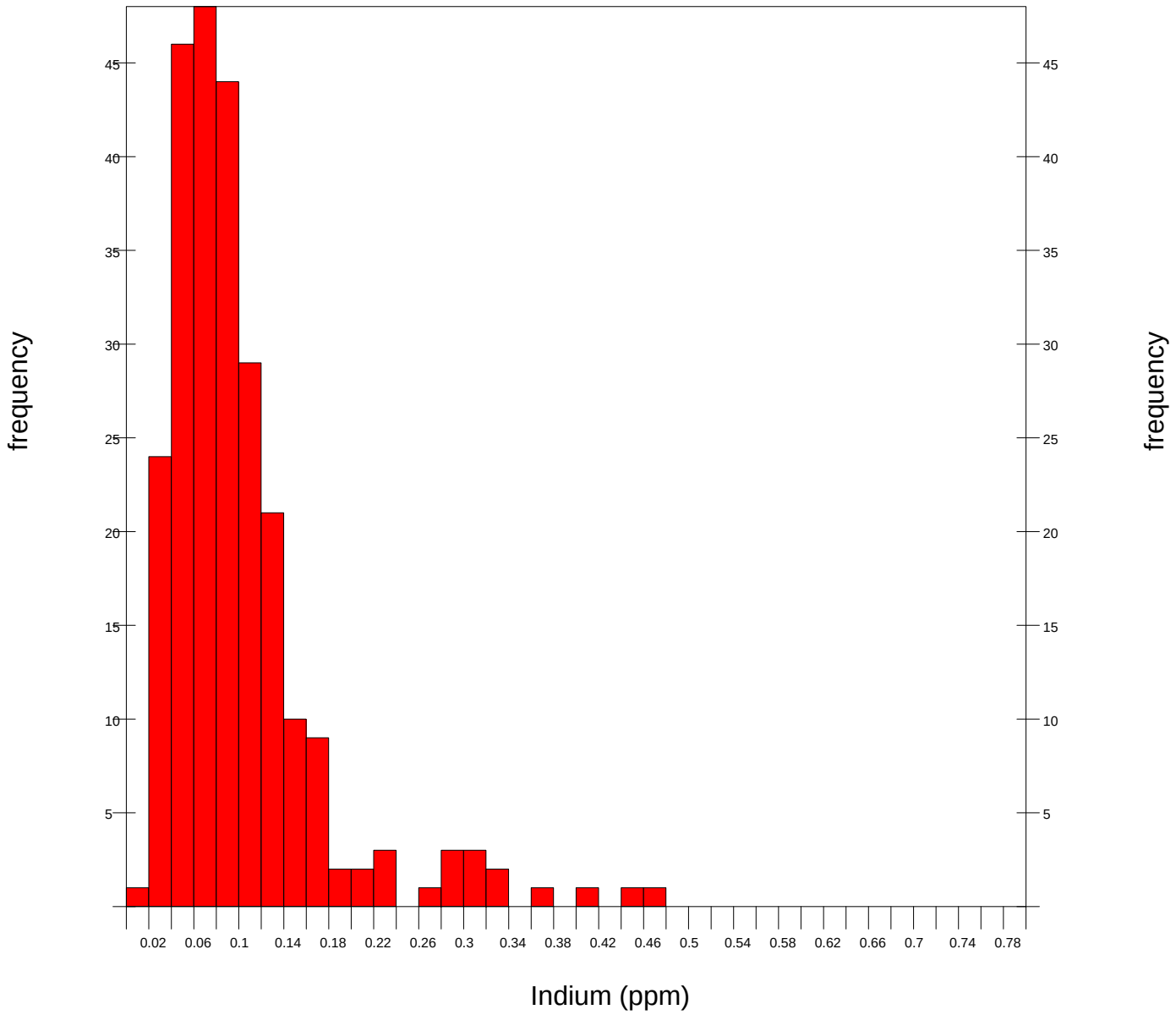
Atlin Horse Soil Gallium Statistics



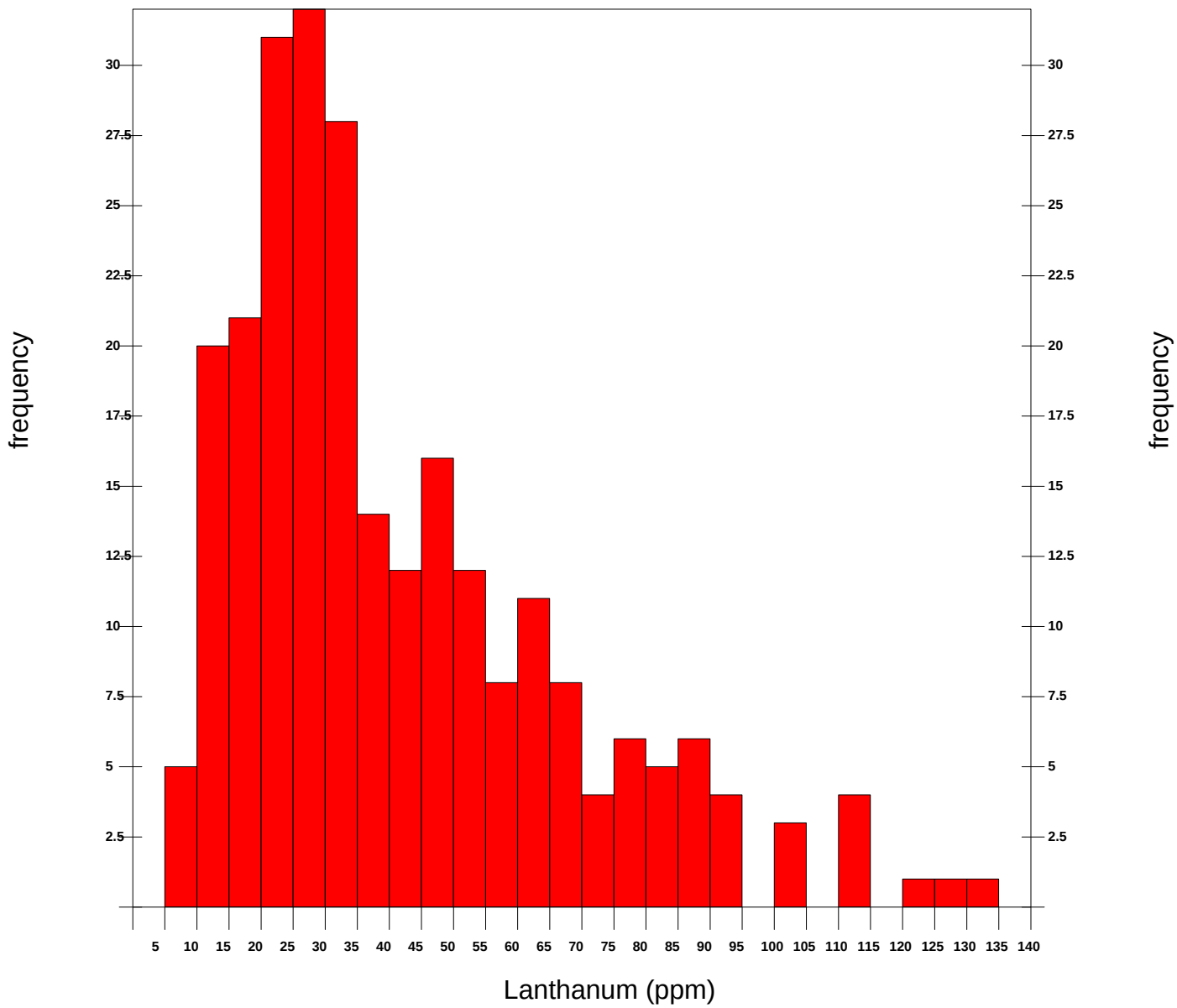
Atlin Horse Soil Holmium Statistics



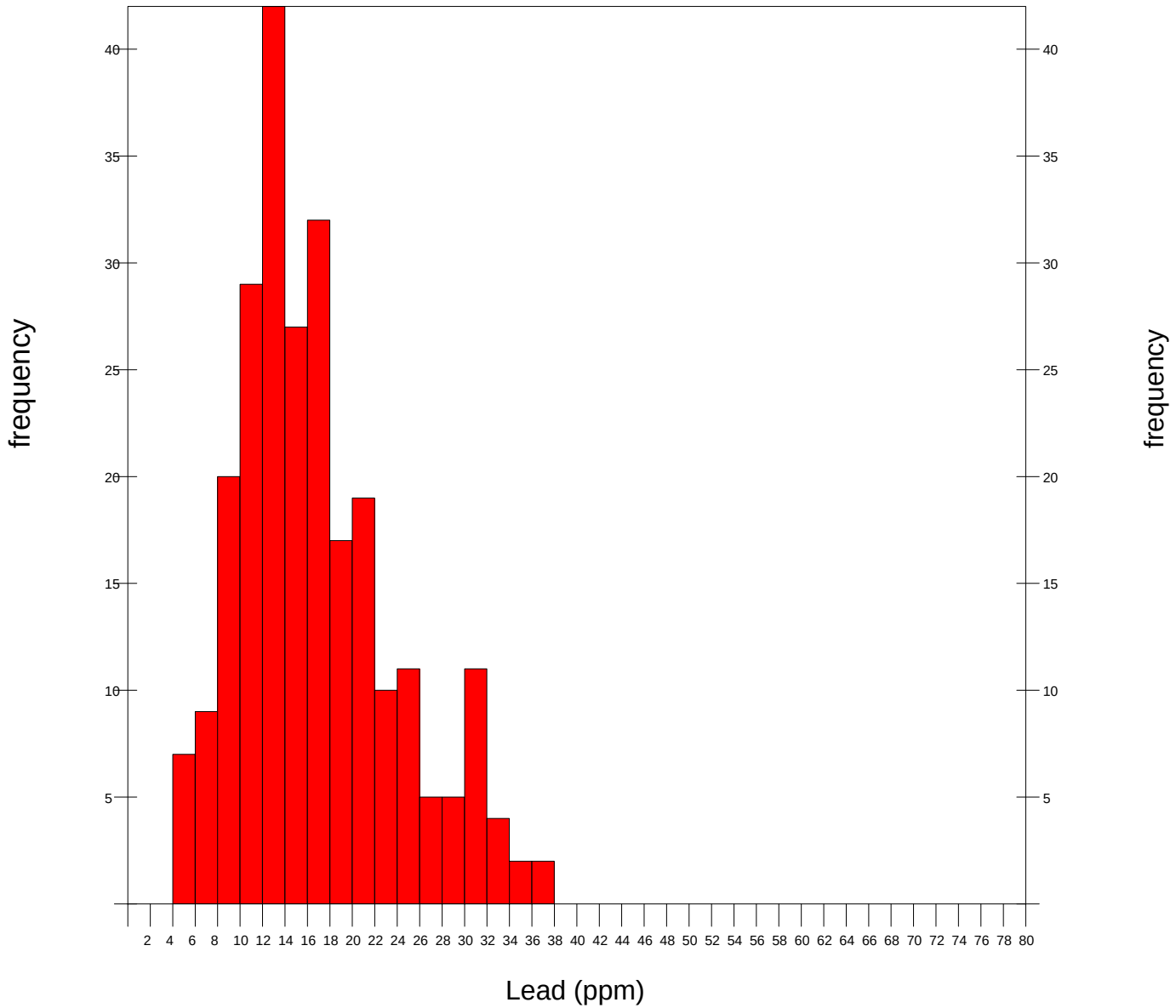
Atlin Horse Soil Indium Statistics



Atlin Horse Soil Lanthanum Statistics



Atlin Horse Soil Lead Statistics



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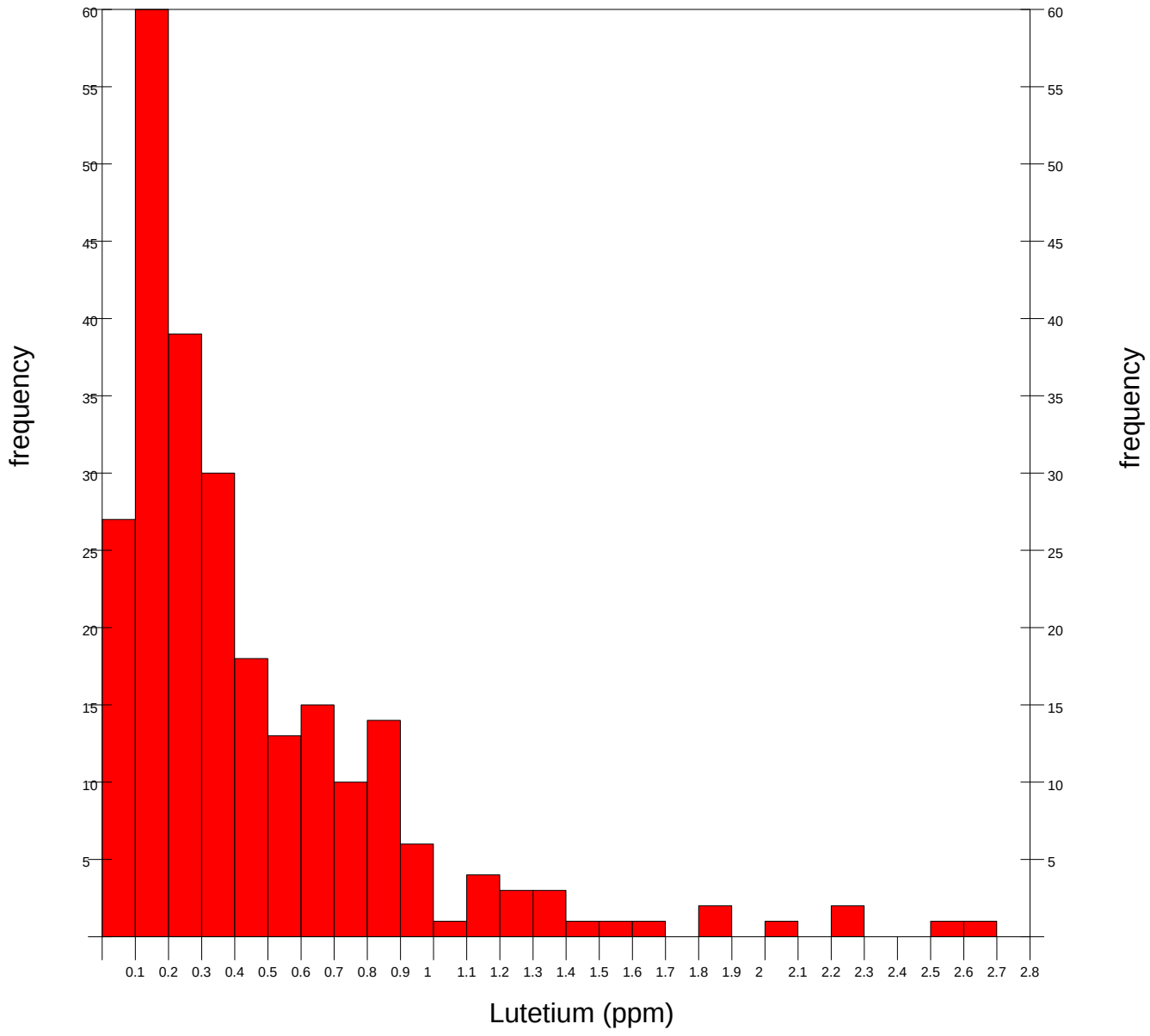

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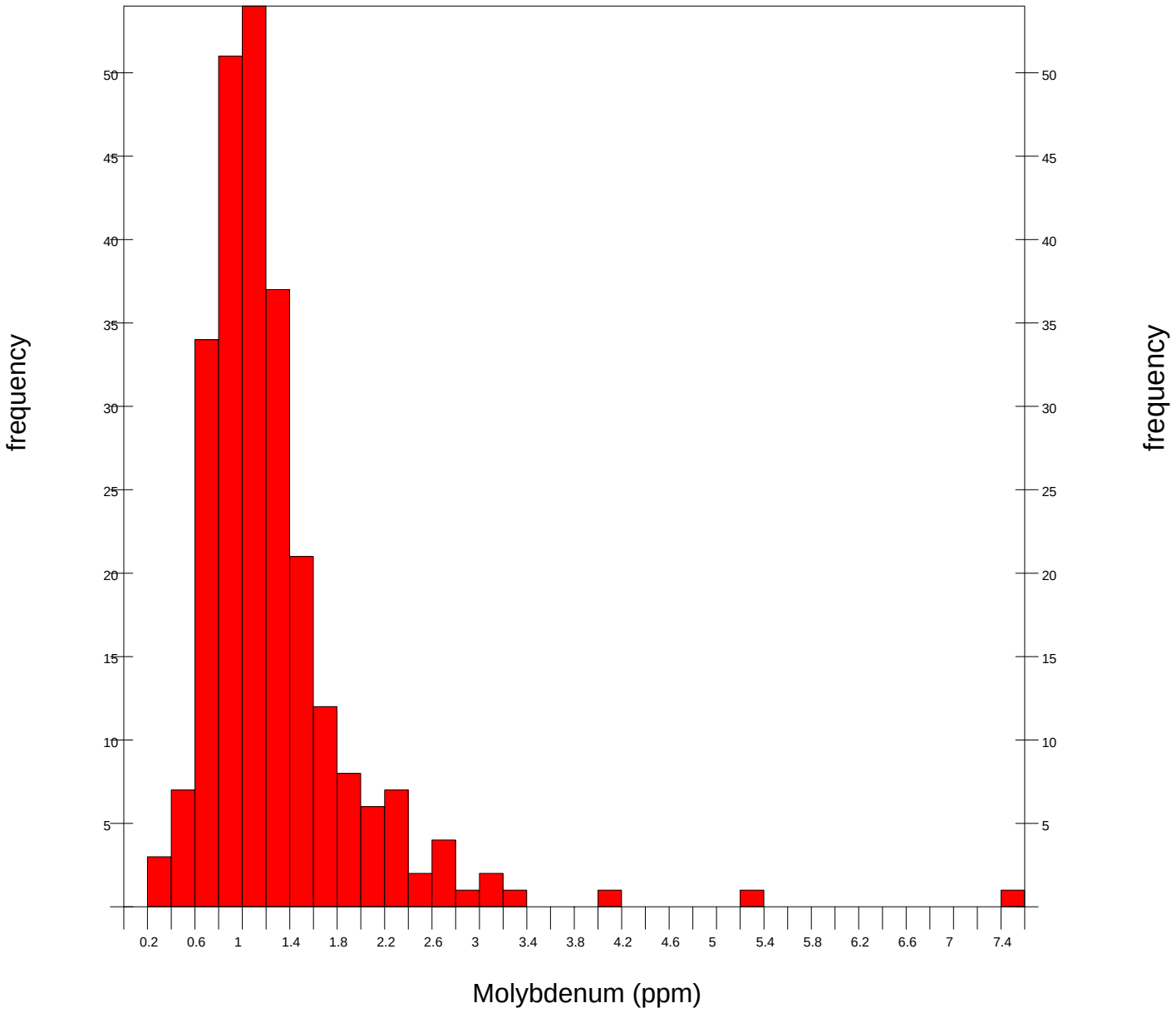
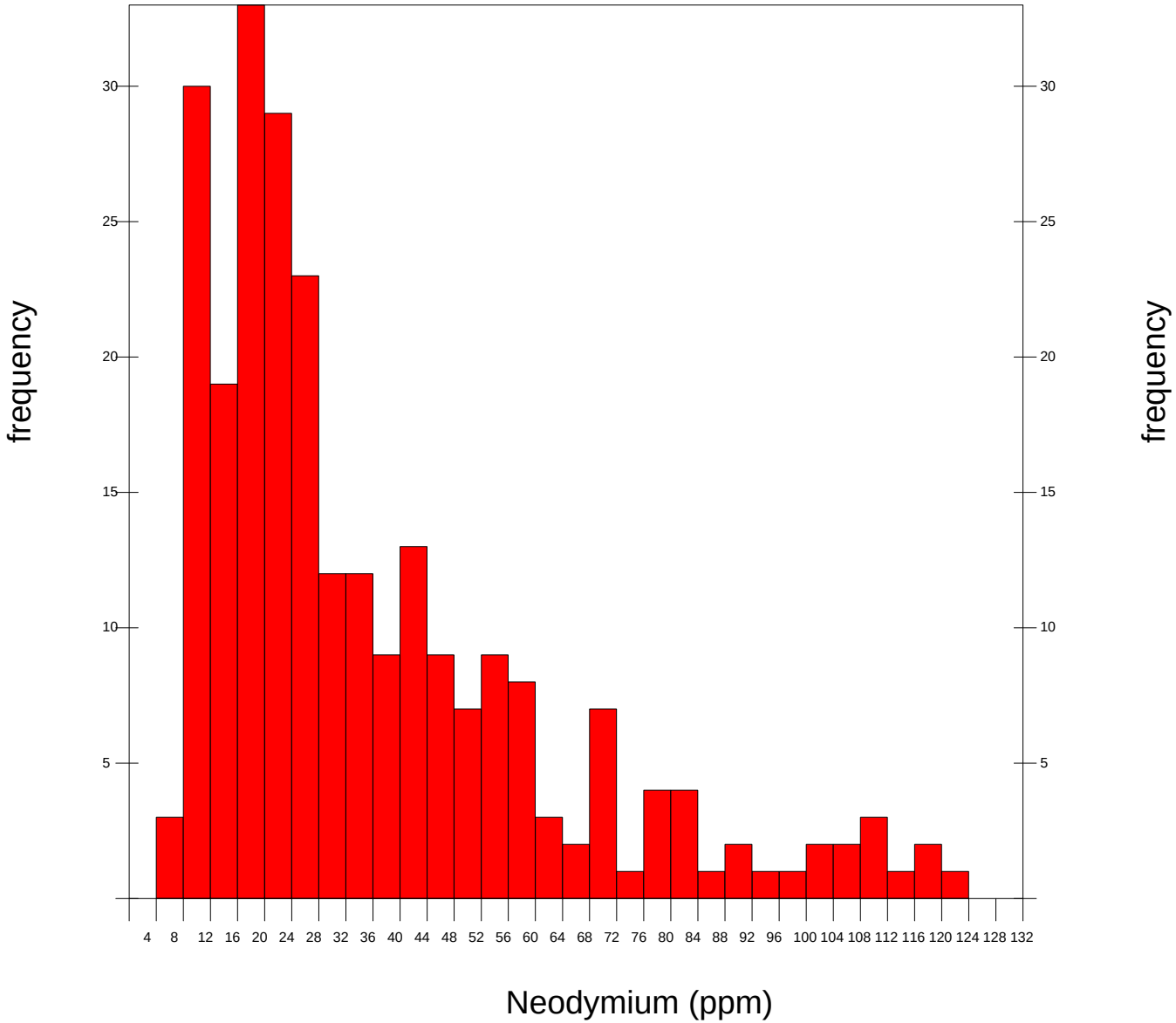


Atlin Horse Soil Neodymium Statistics



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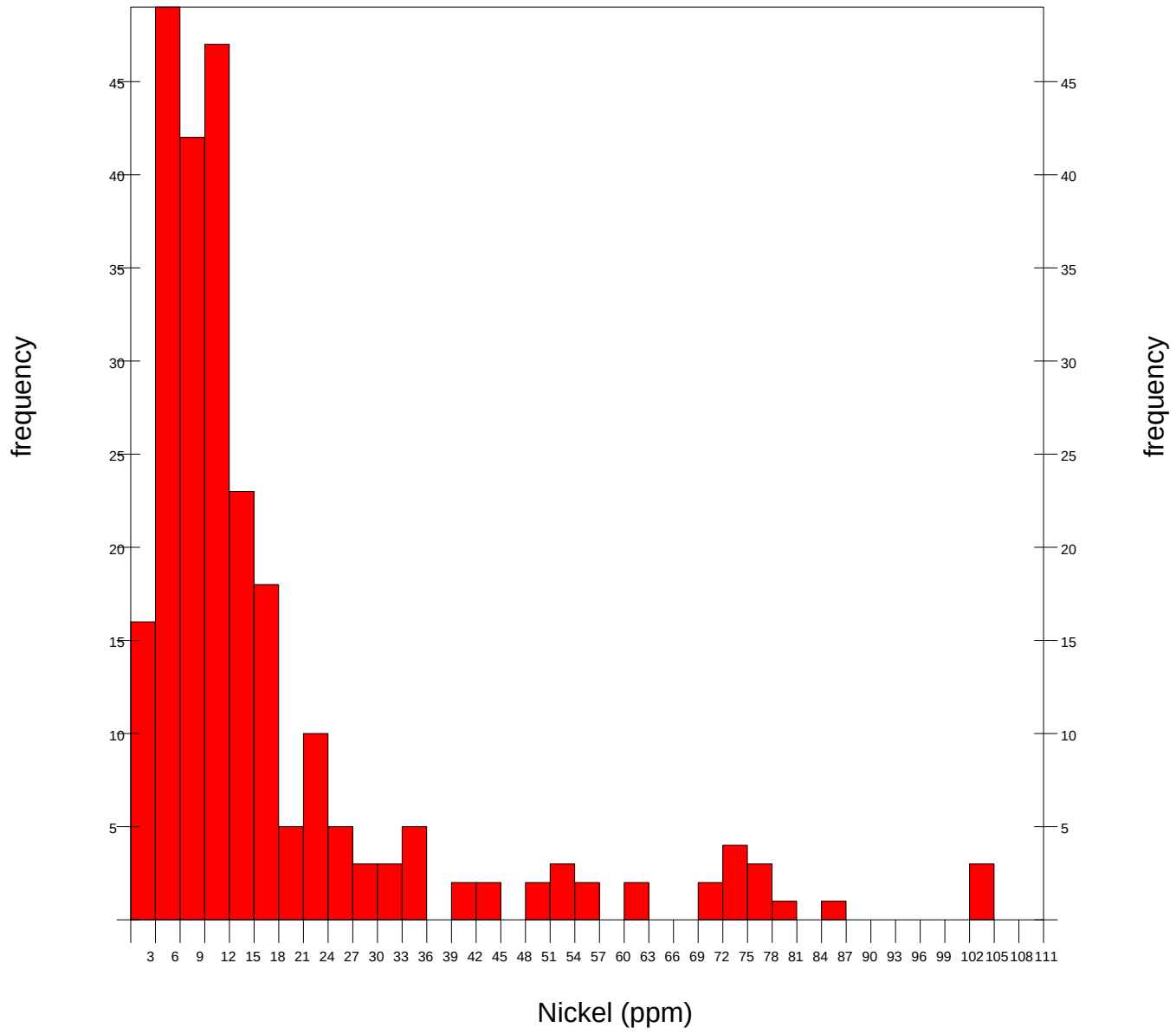

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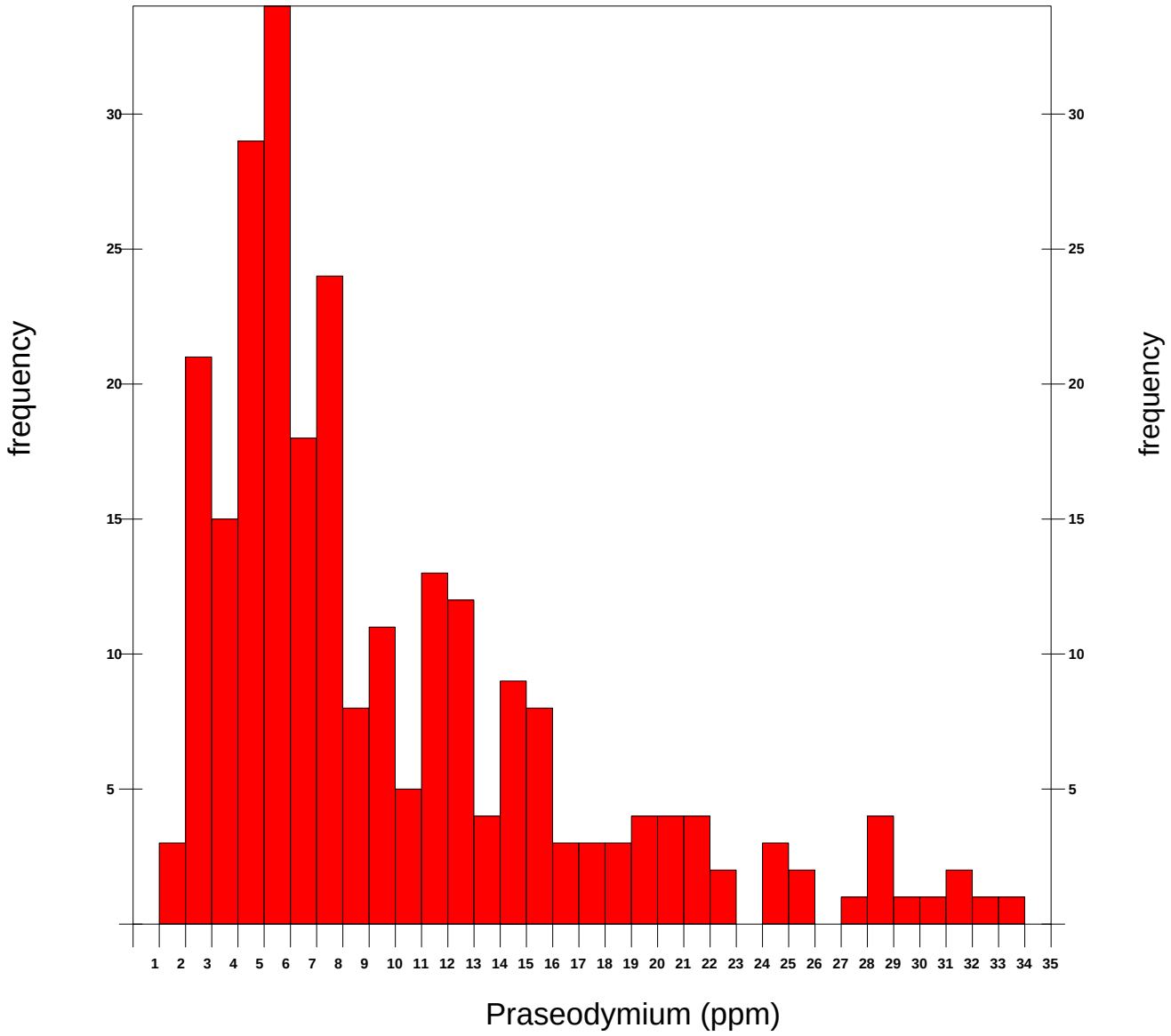
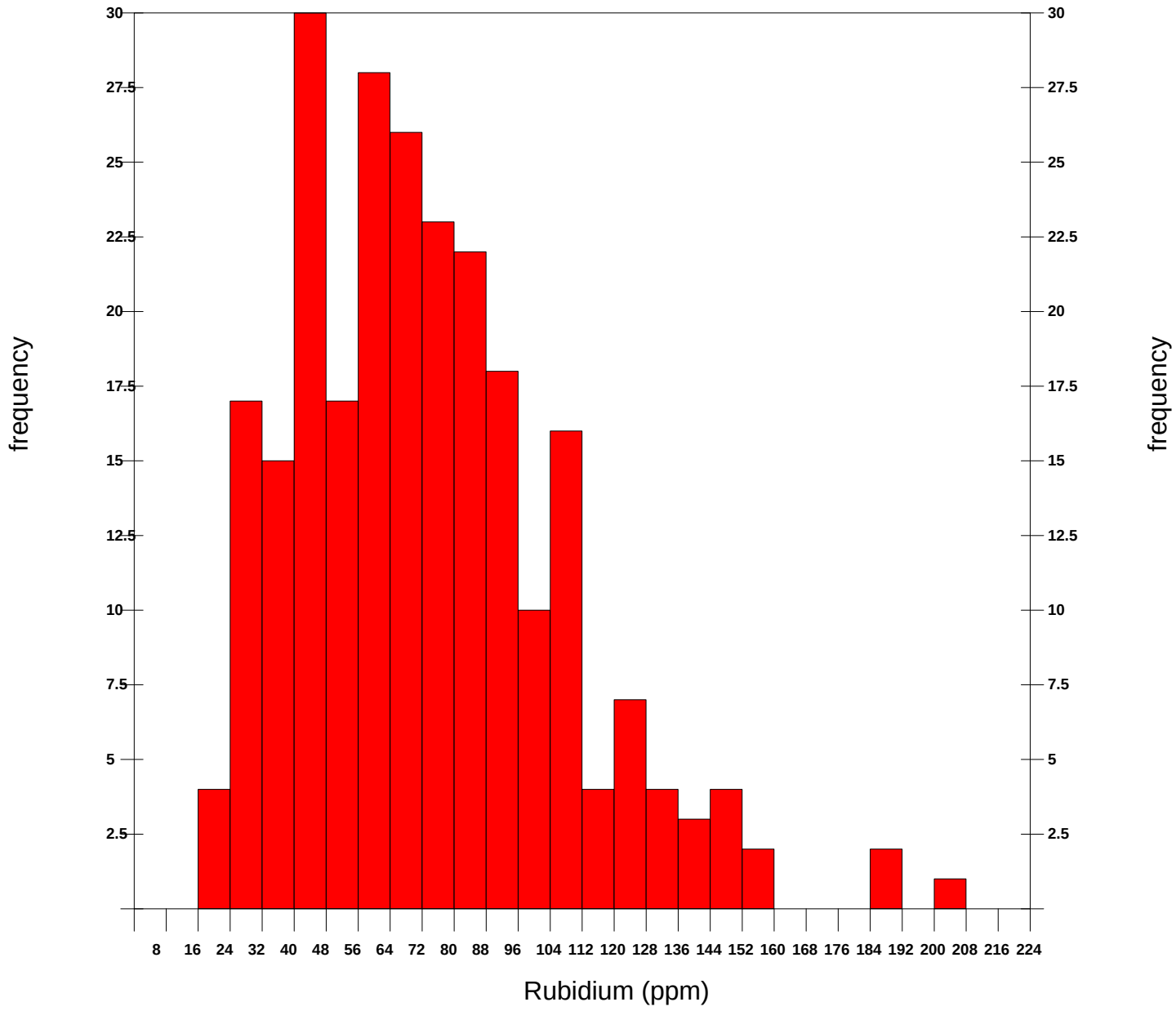
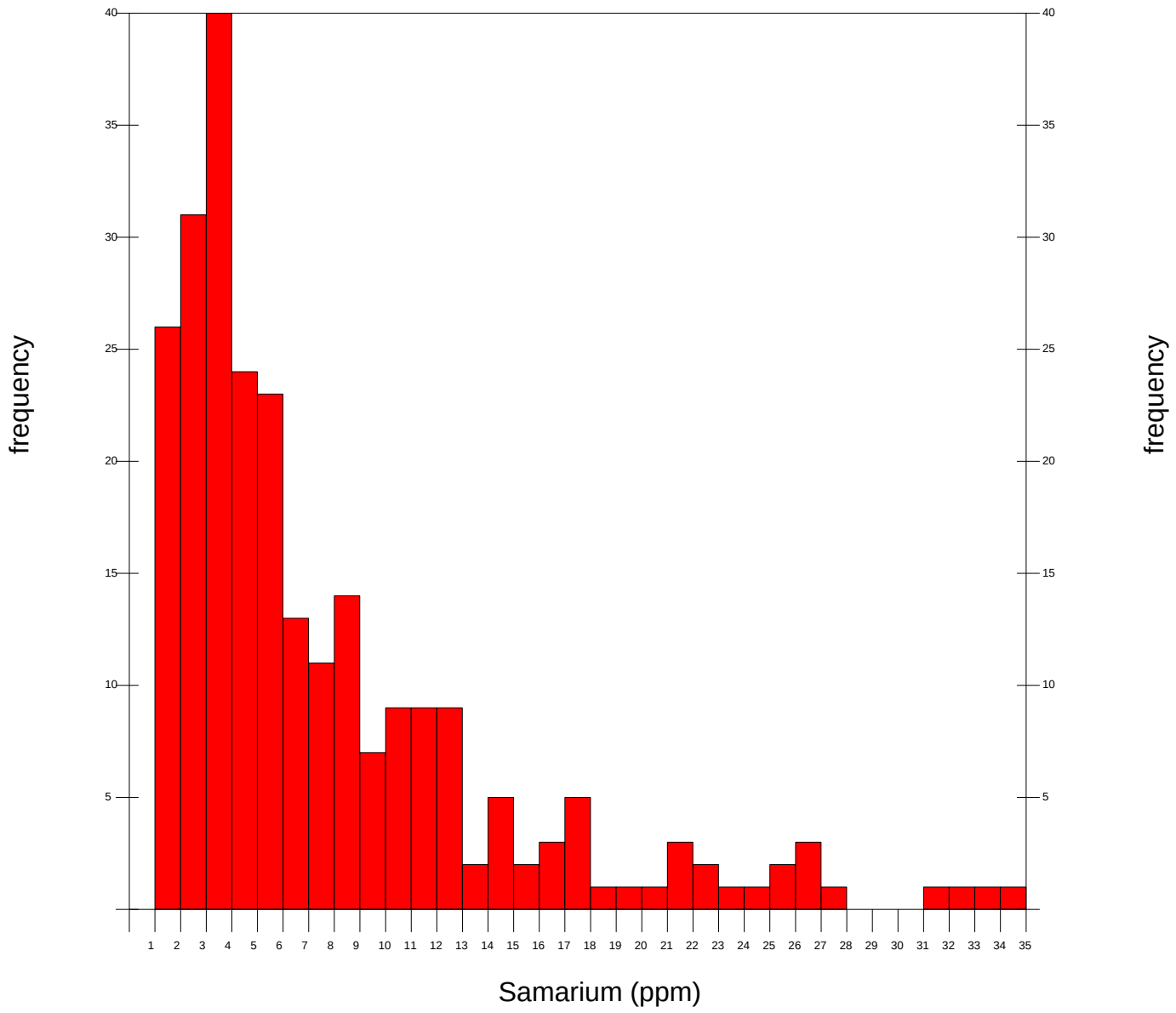


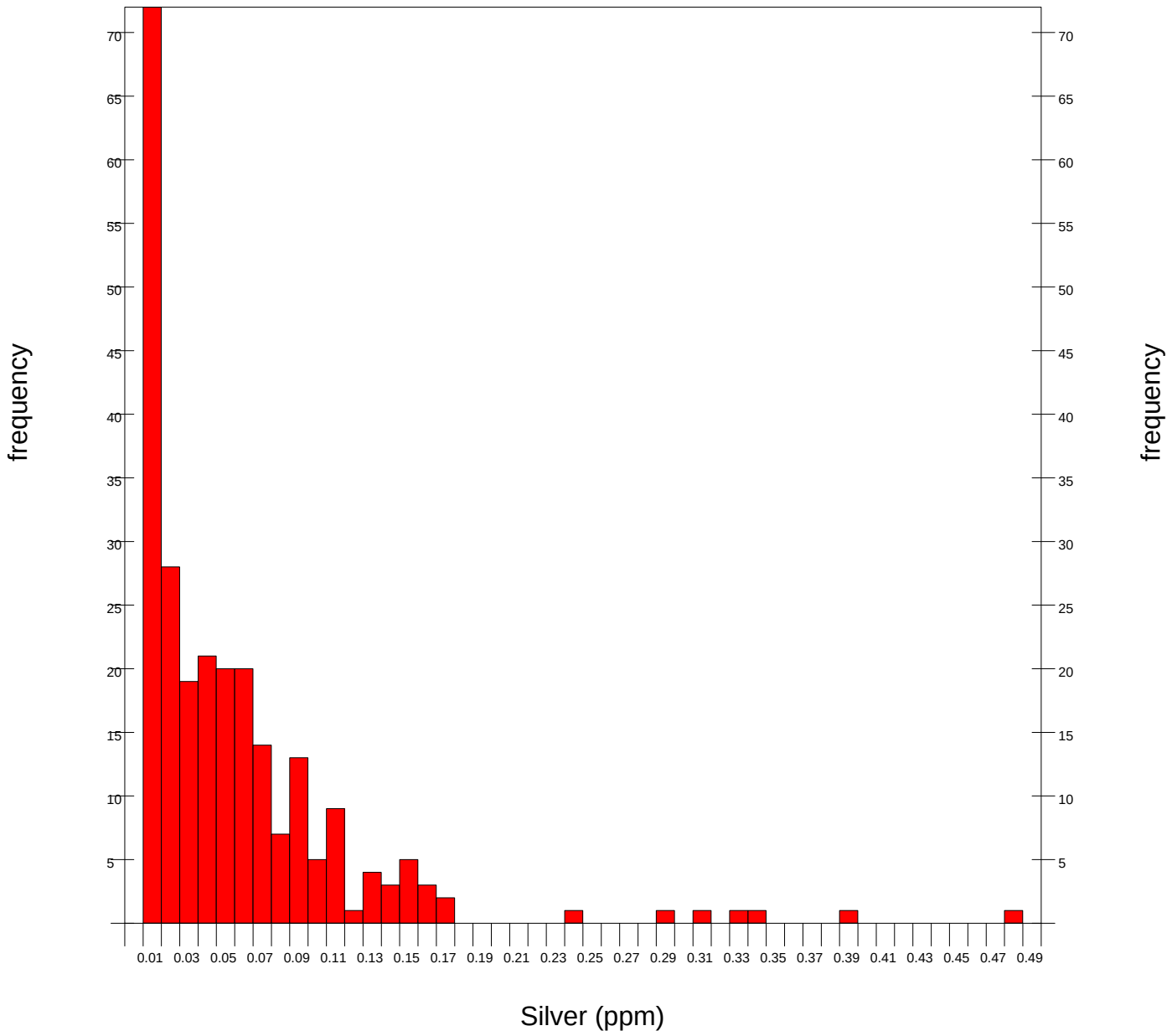
Atlin Horse Soil Rubidium Statistics



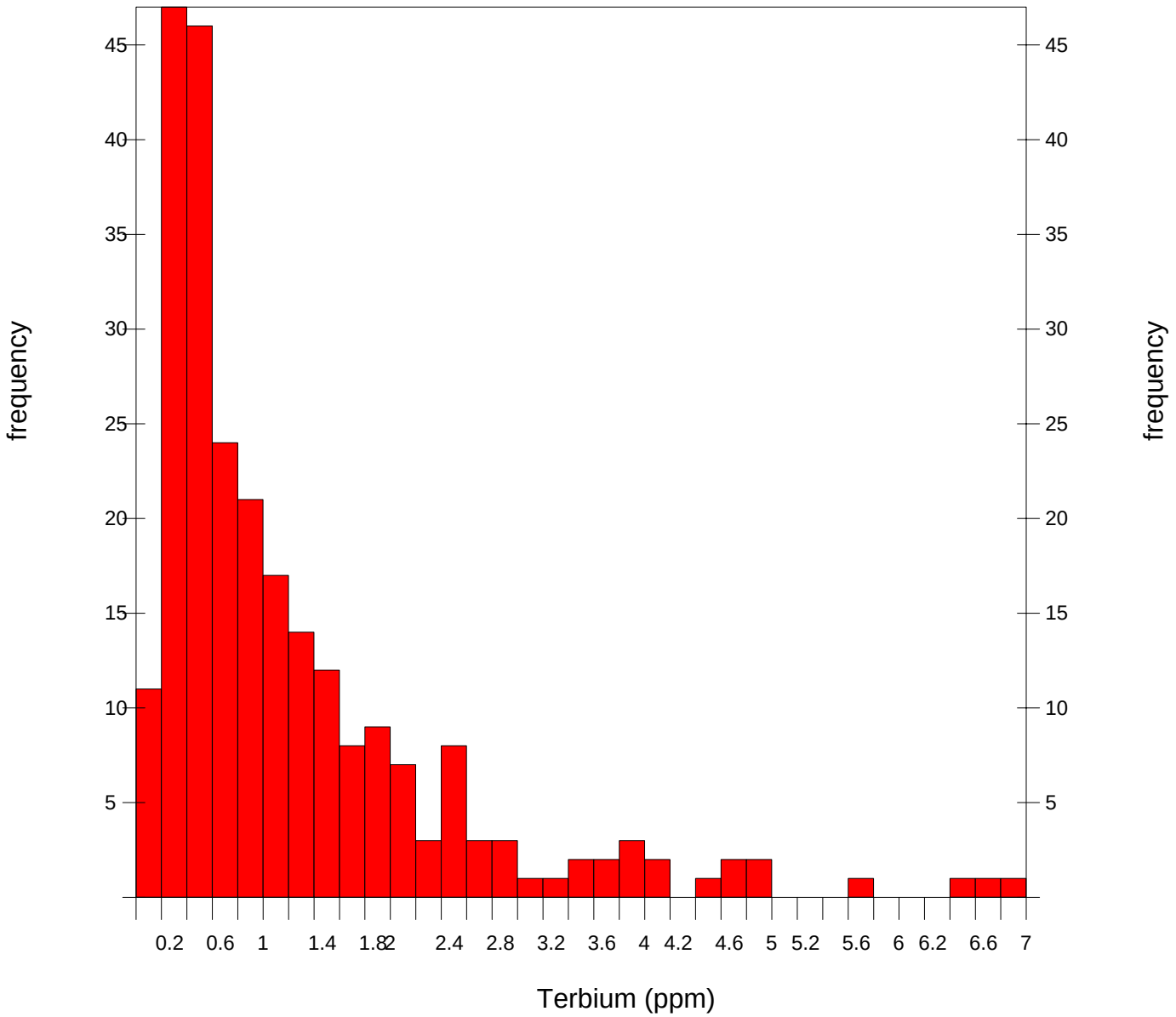
Atlin Horse Soil Samarium Statistics



Atlin Horse Soil Silver Statistics



Atlin Horse Soil Terbium Statistics



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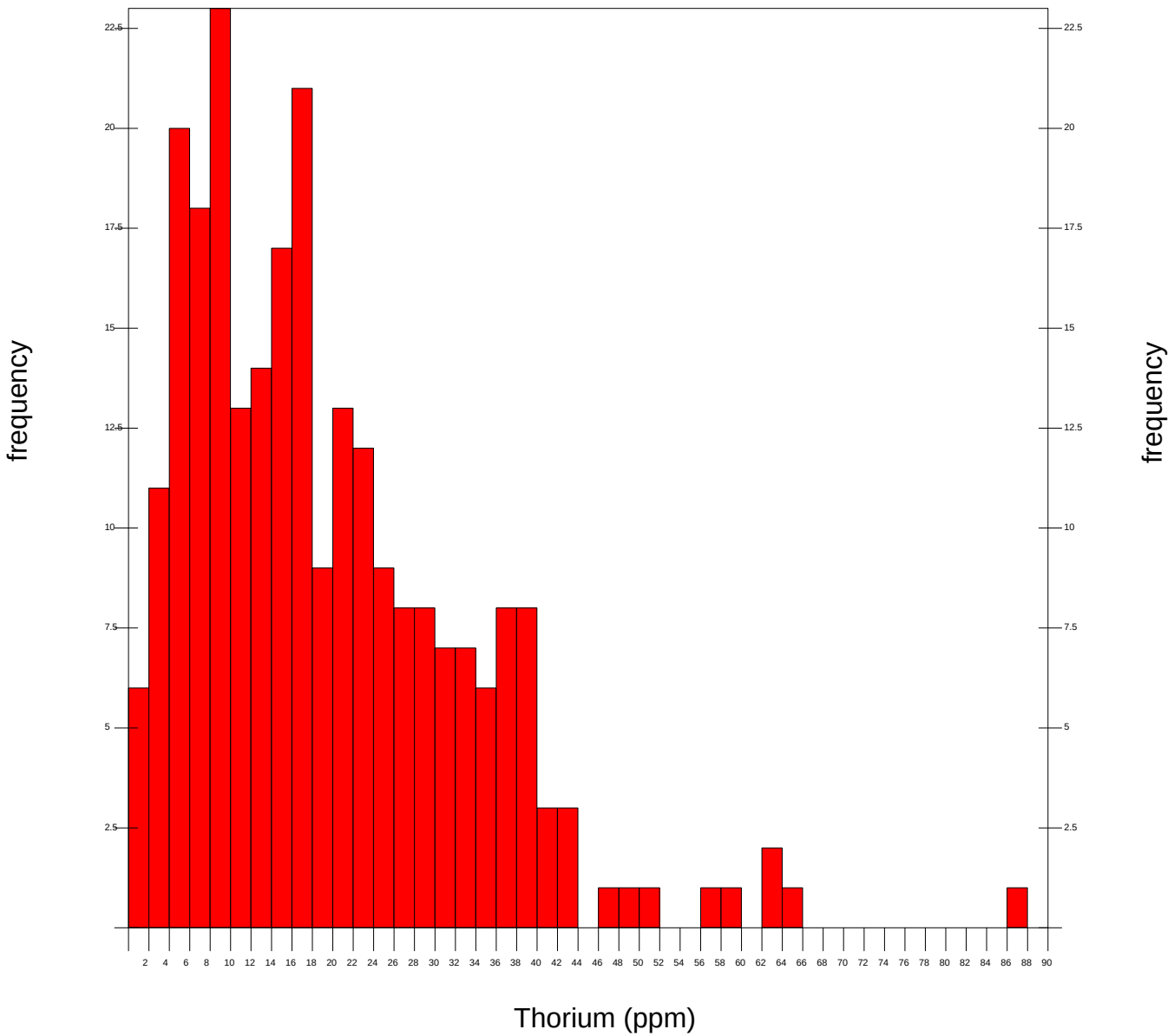

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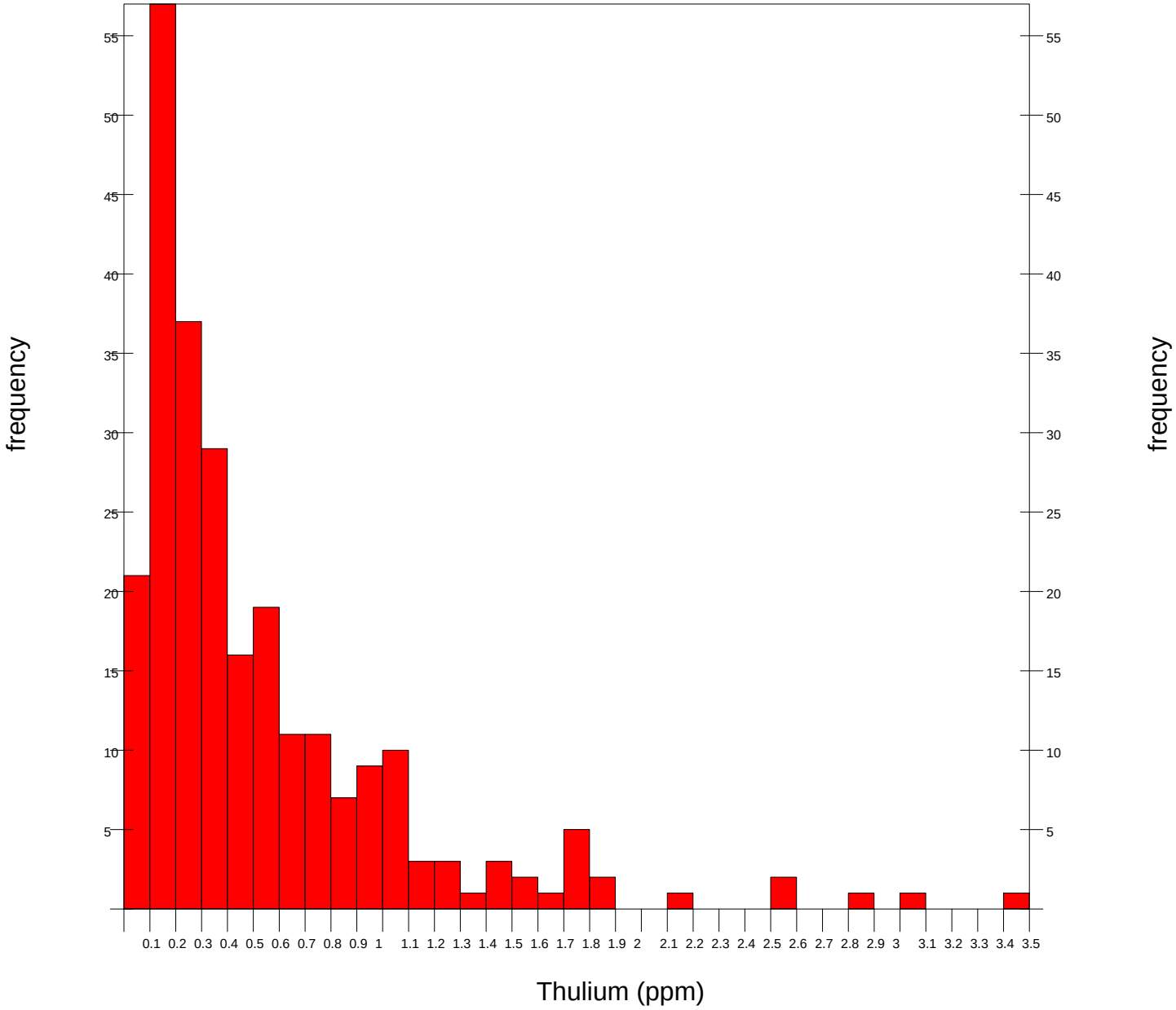

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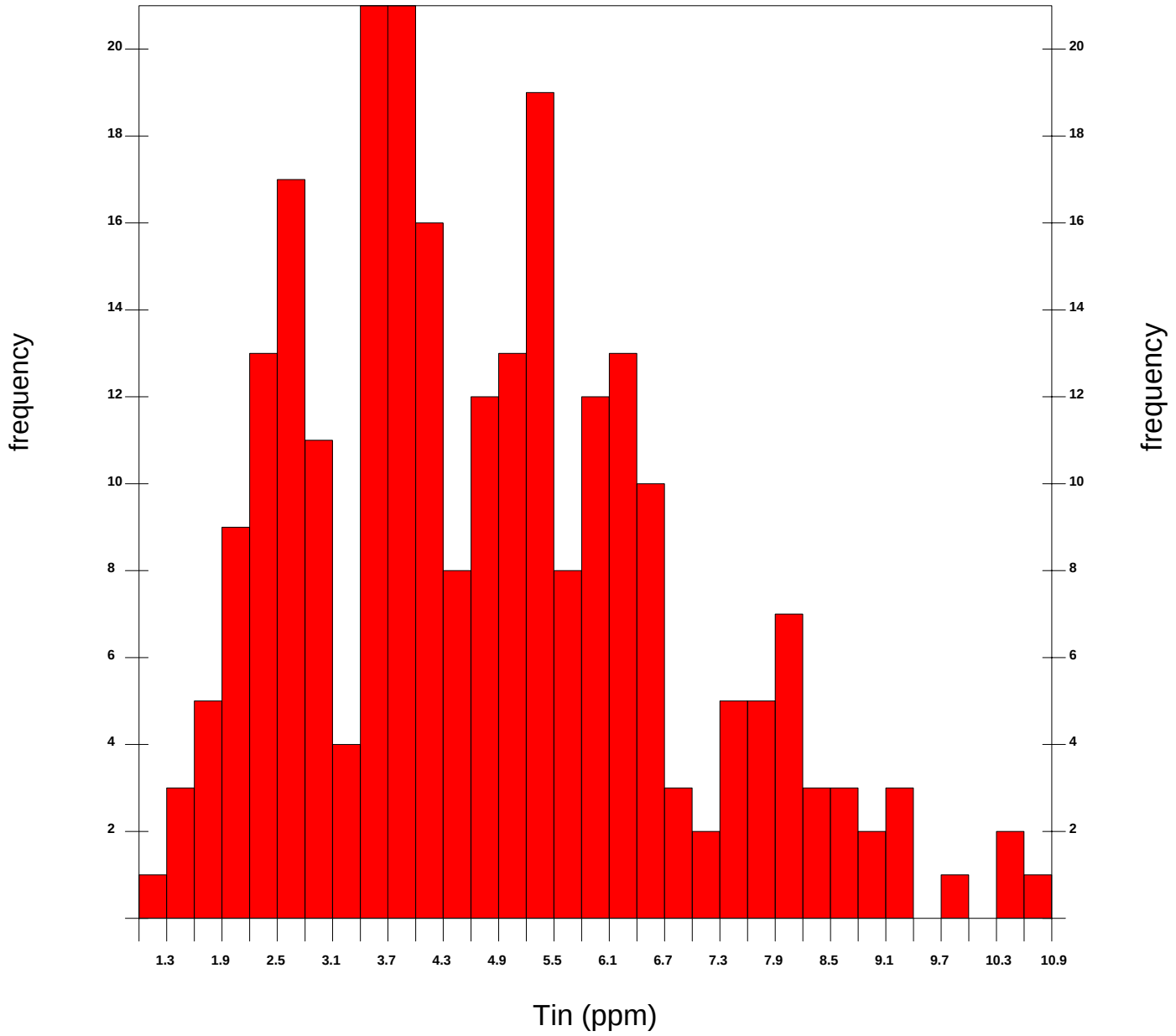

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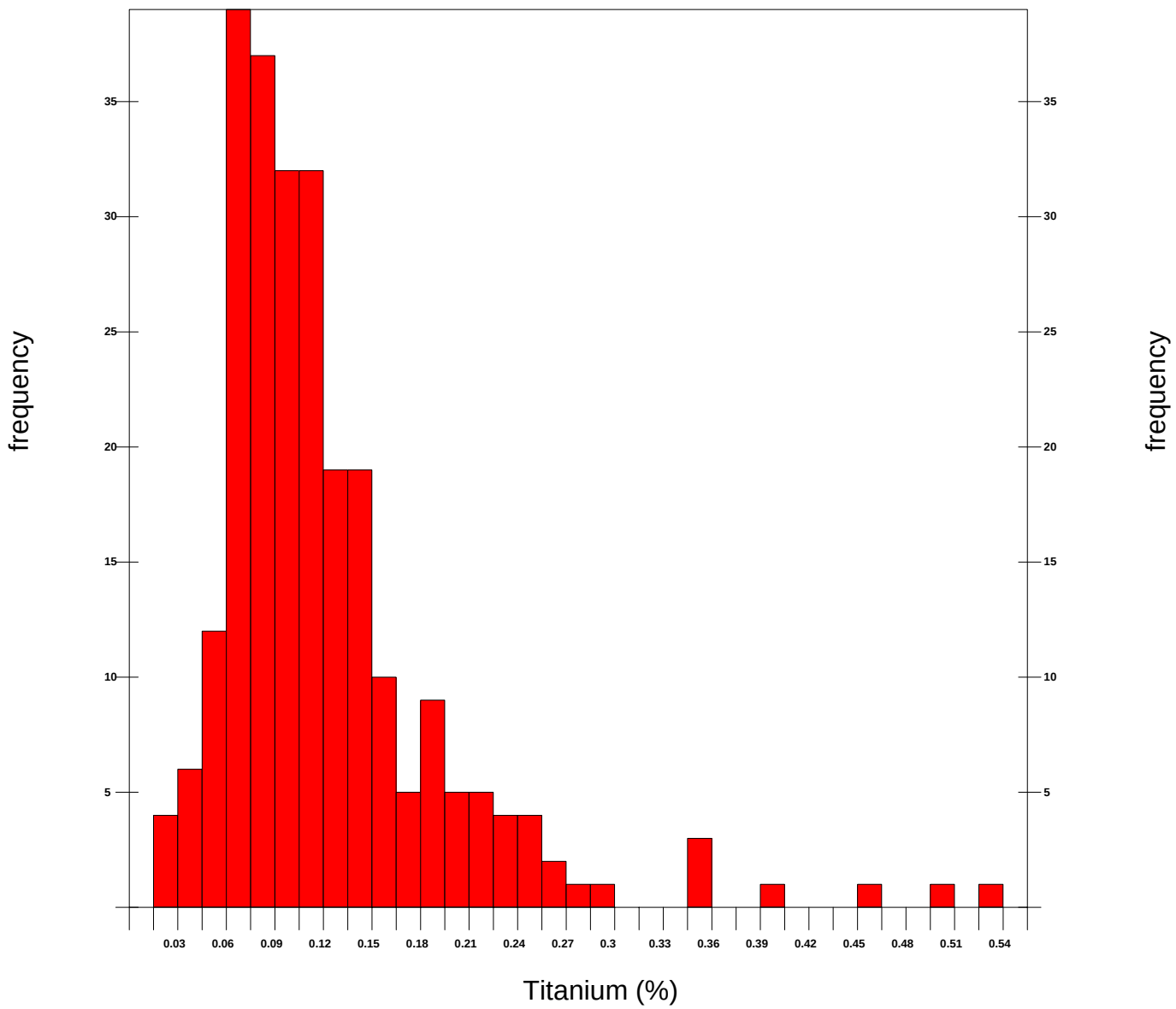

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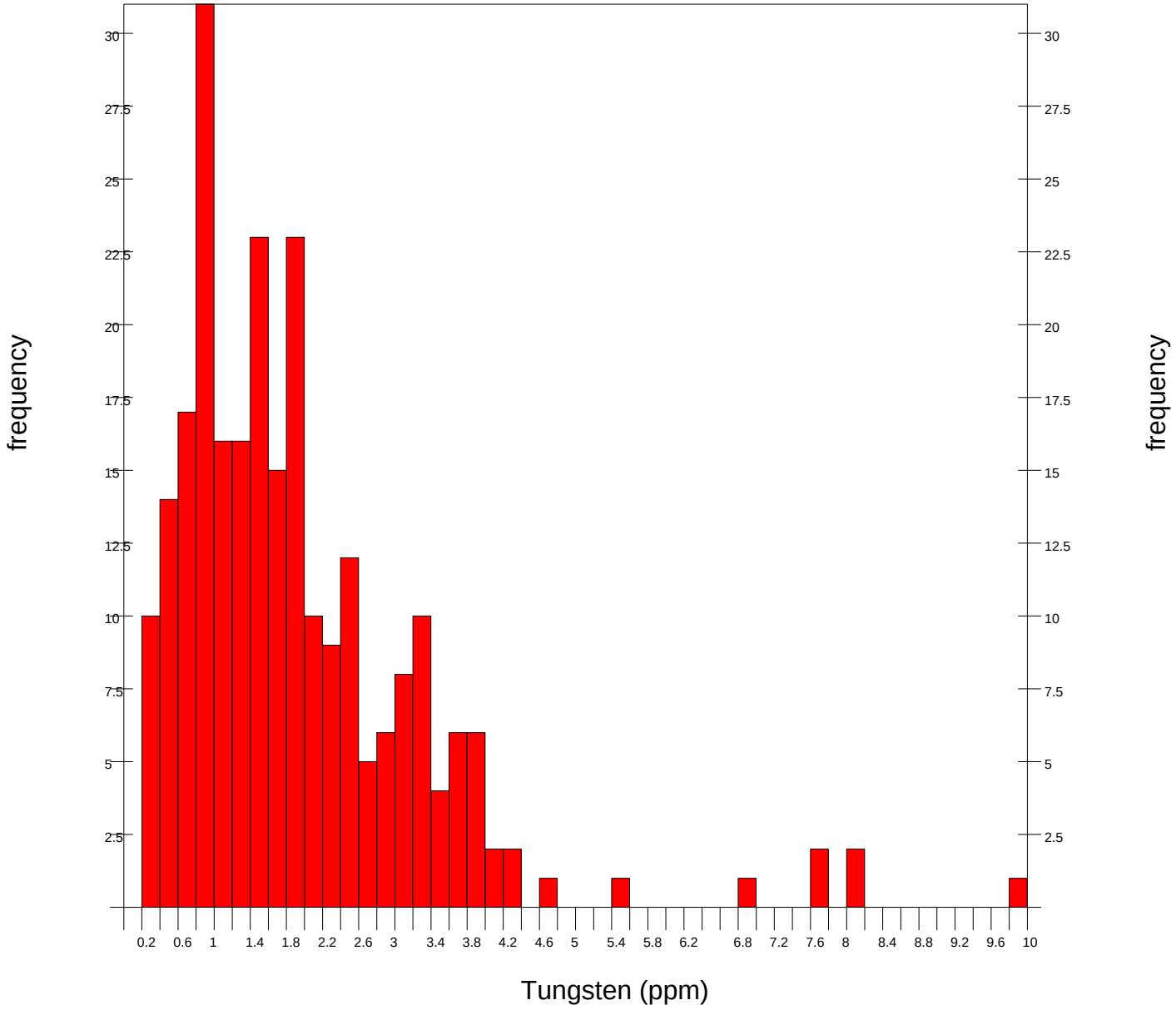

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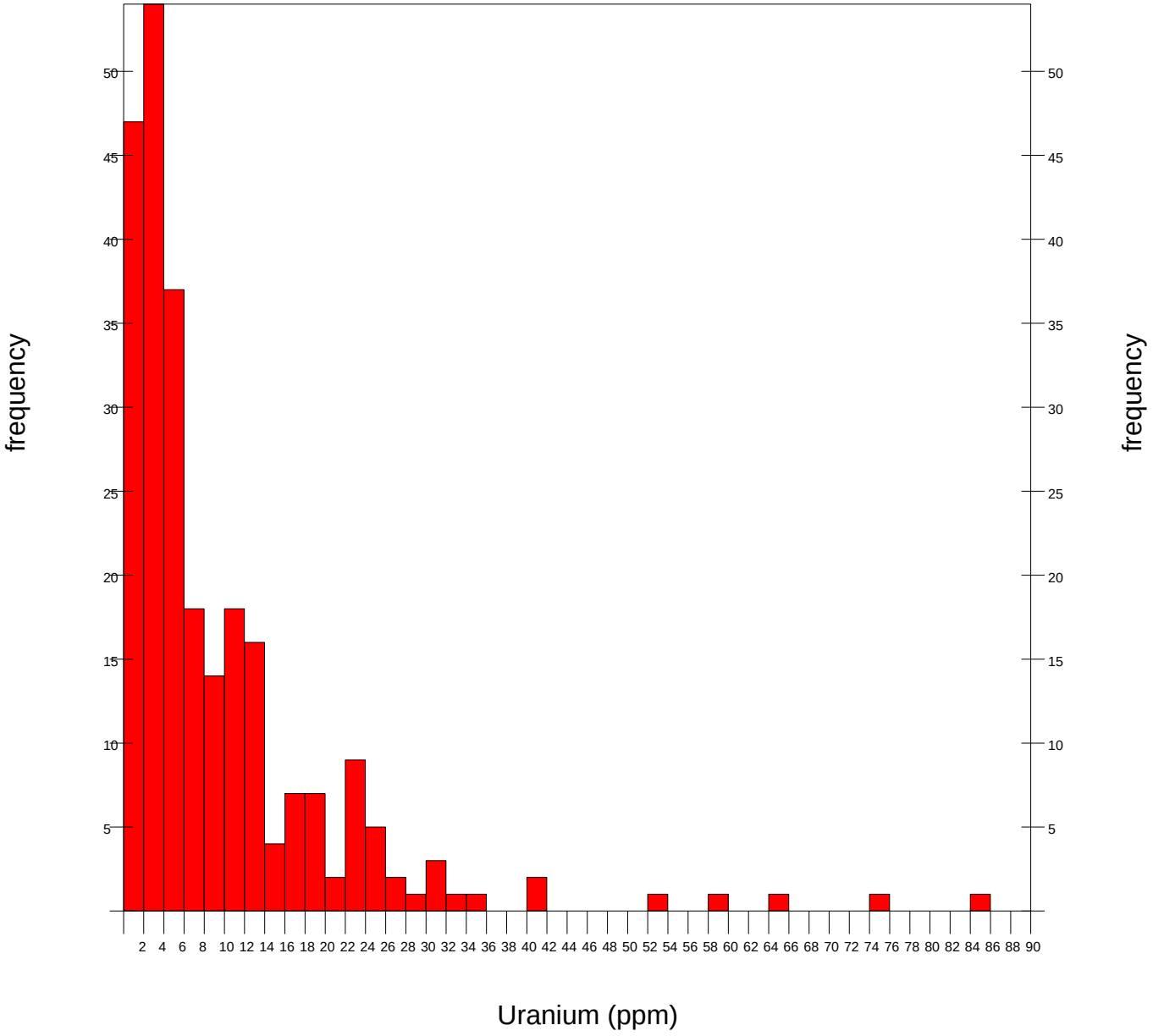

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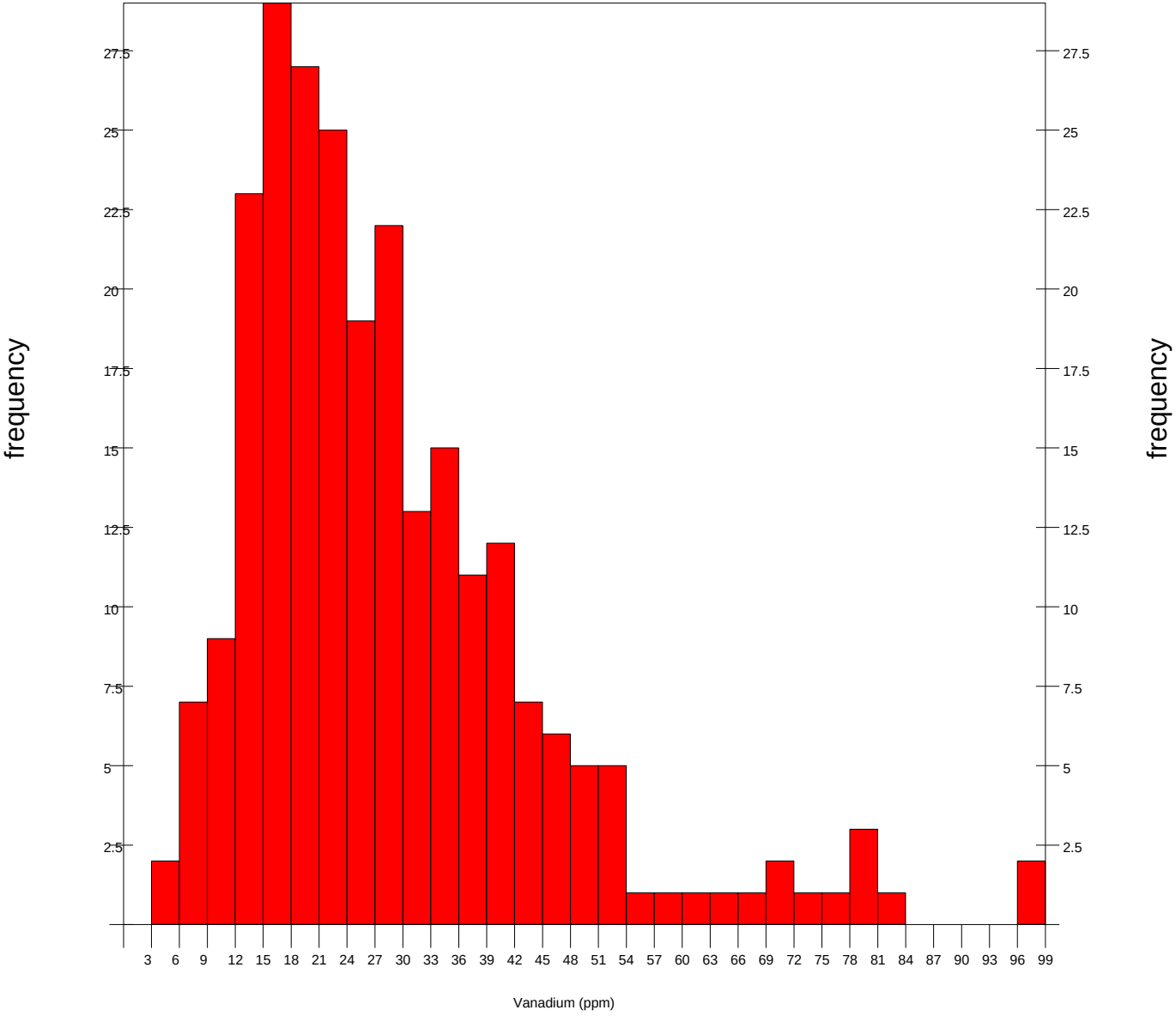

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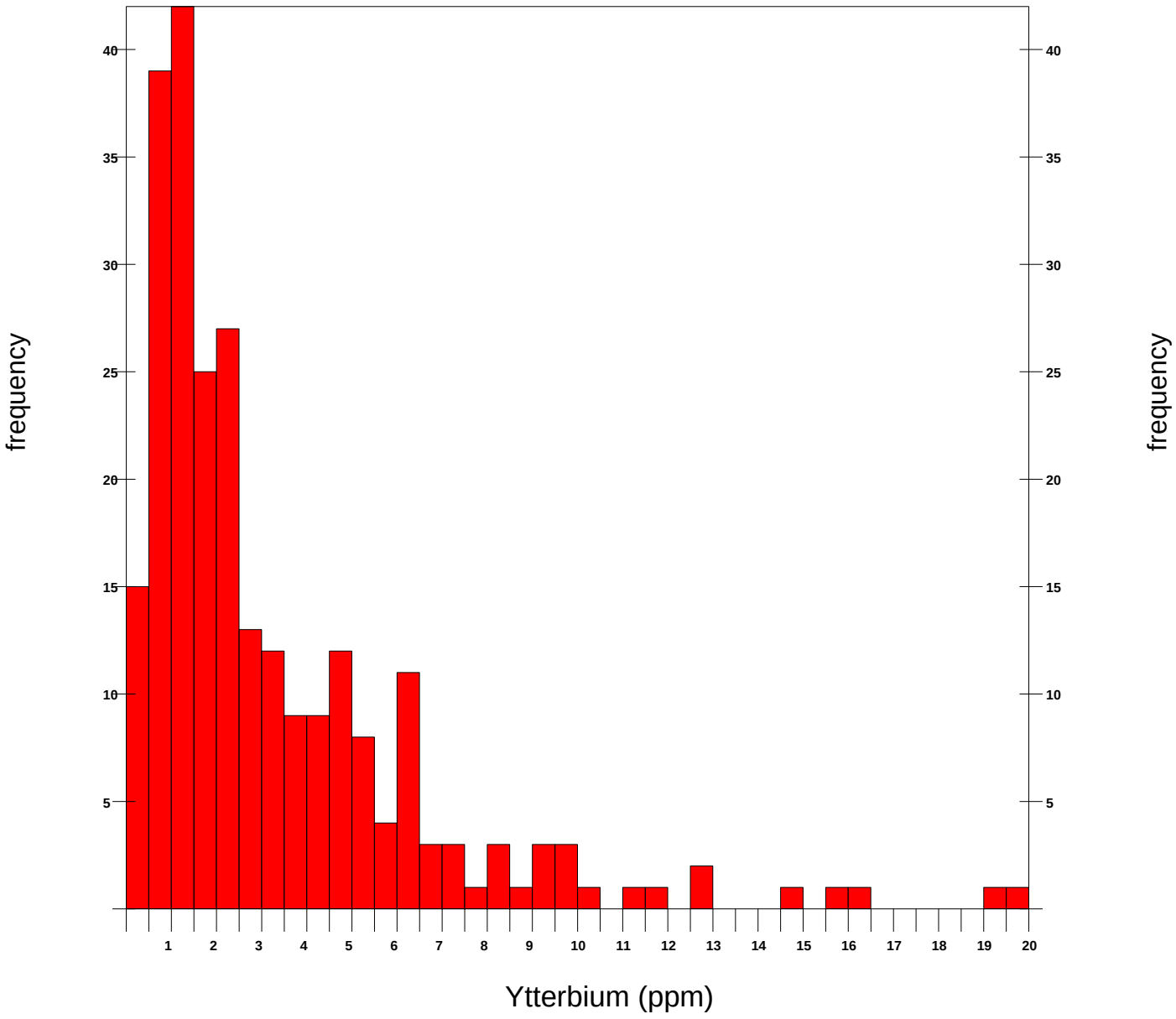

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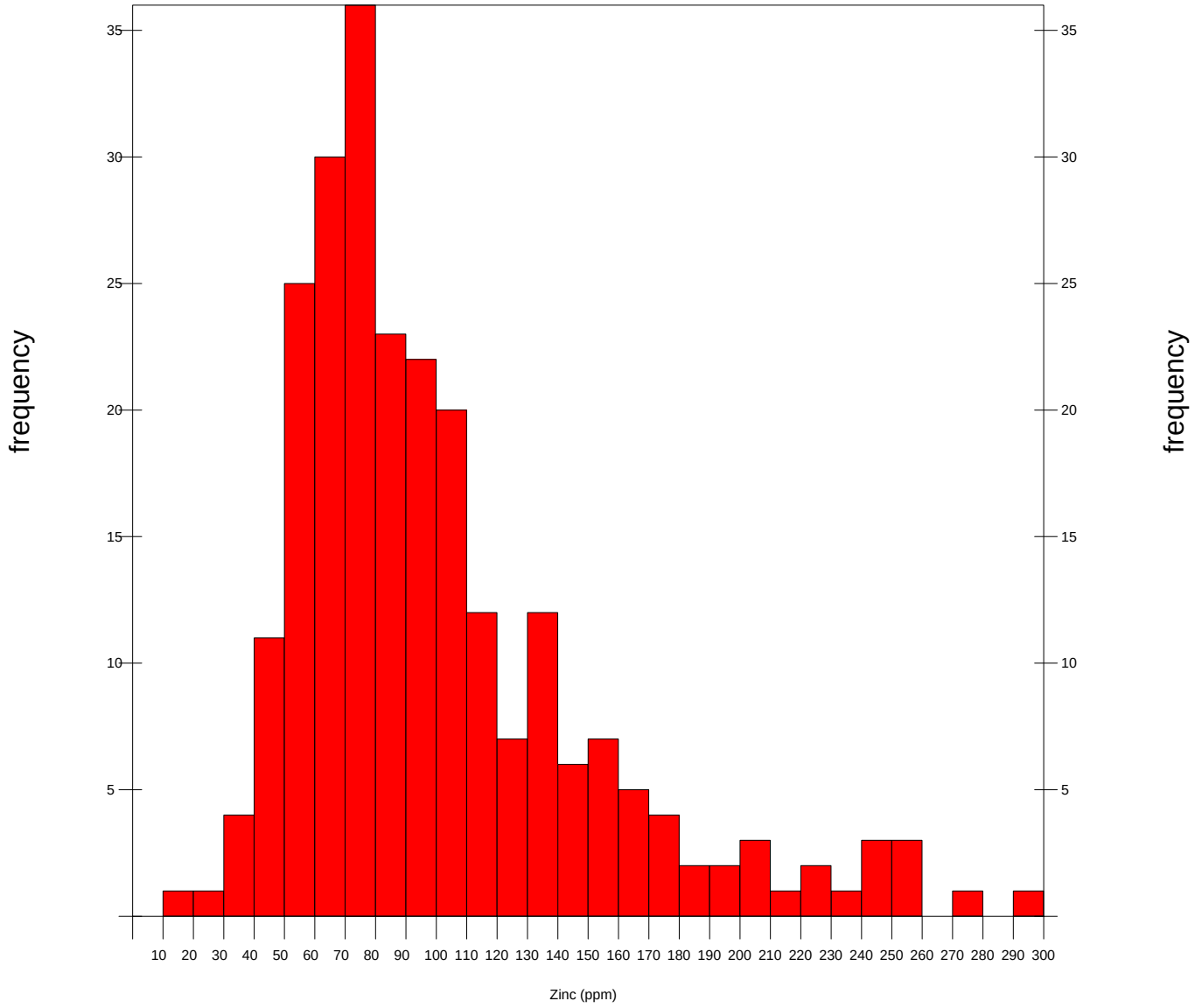

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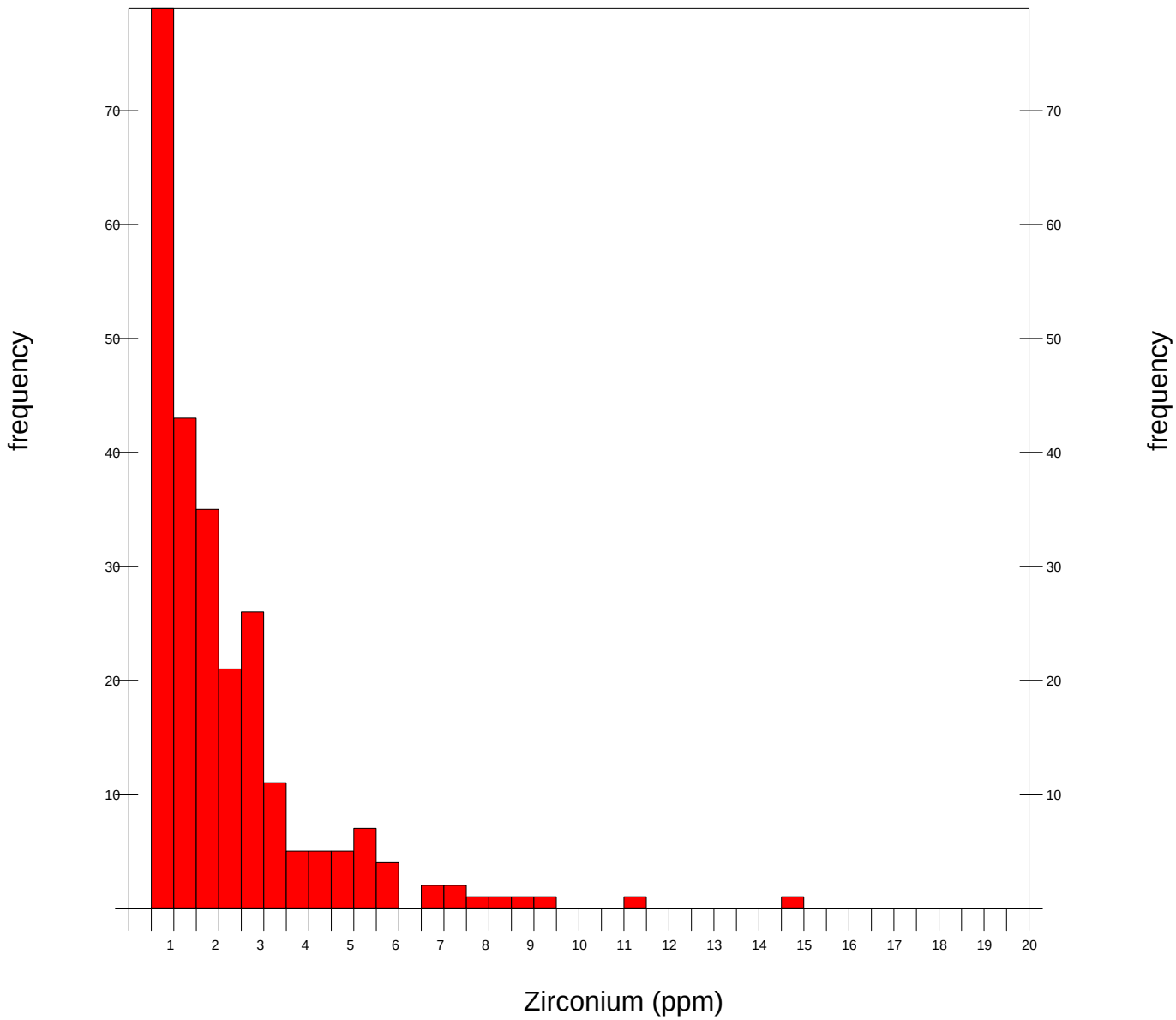
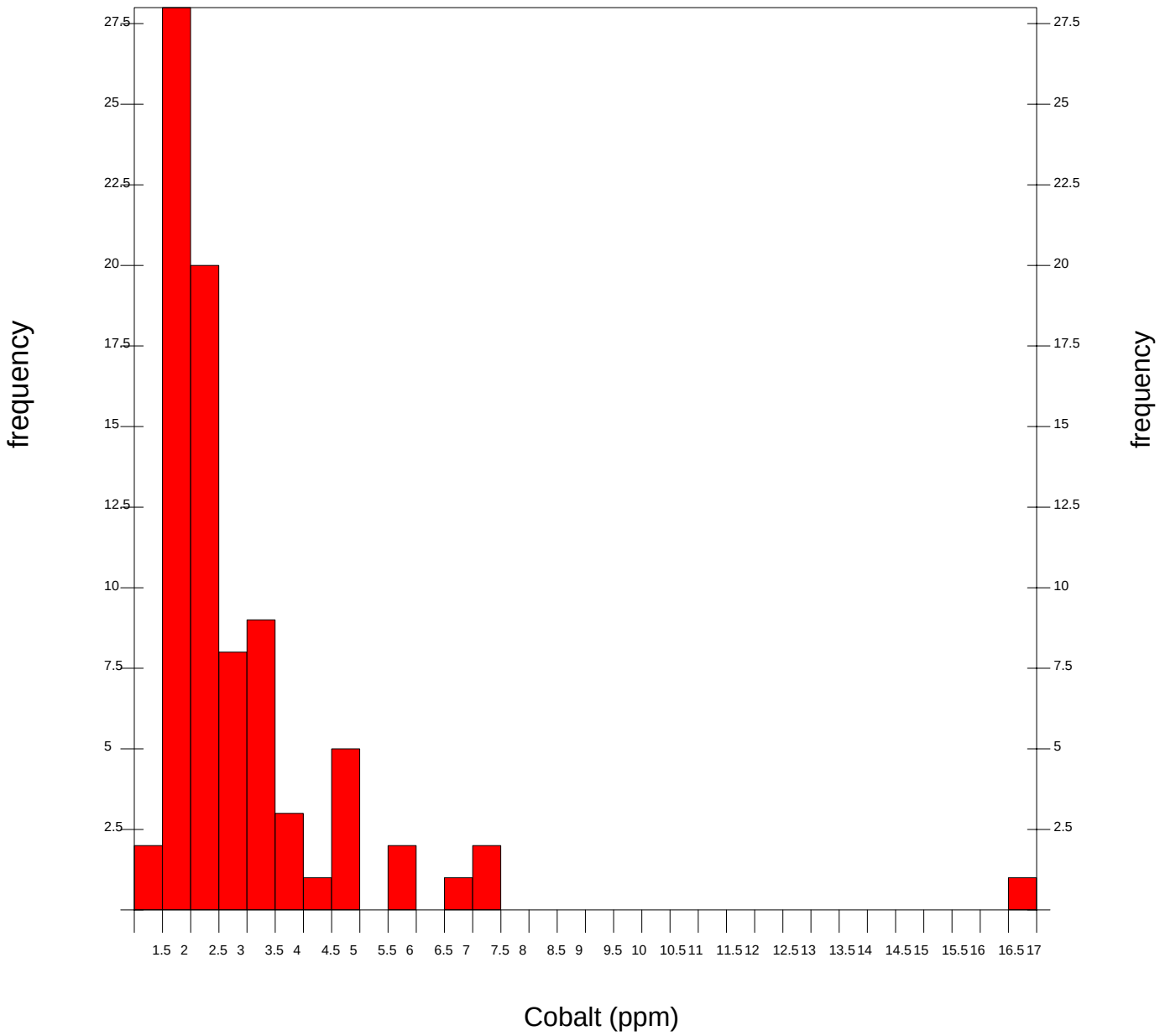
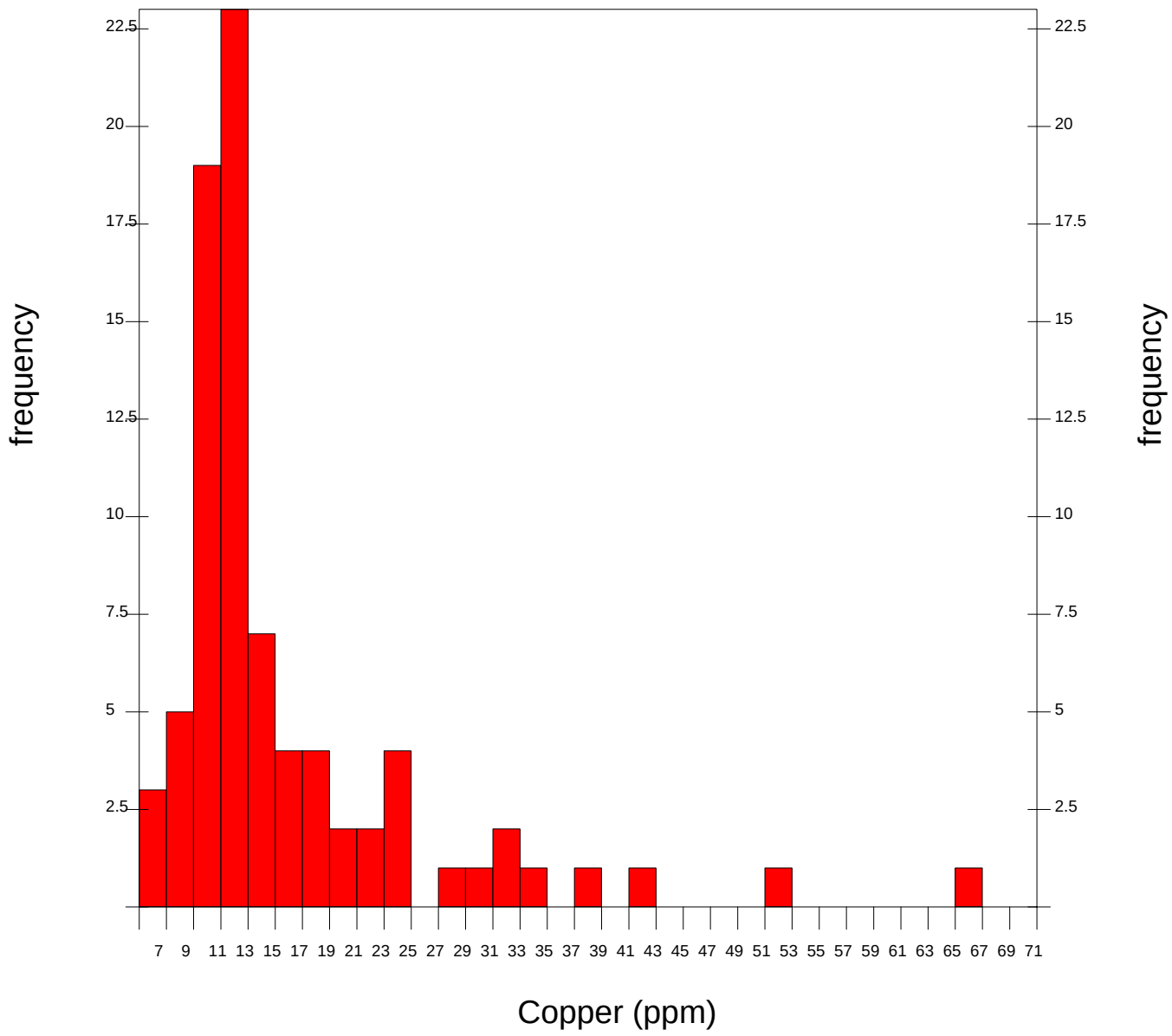


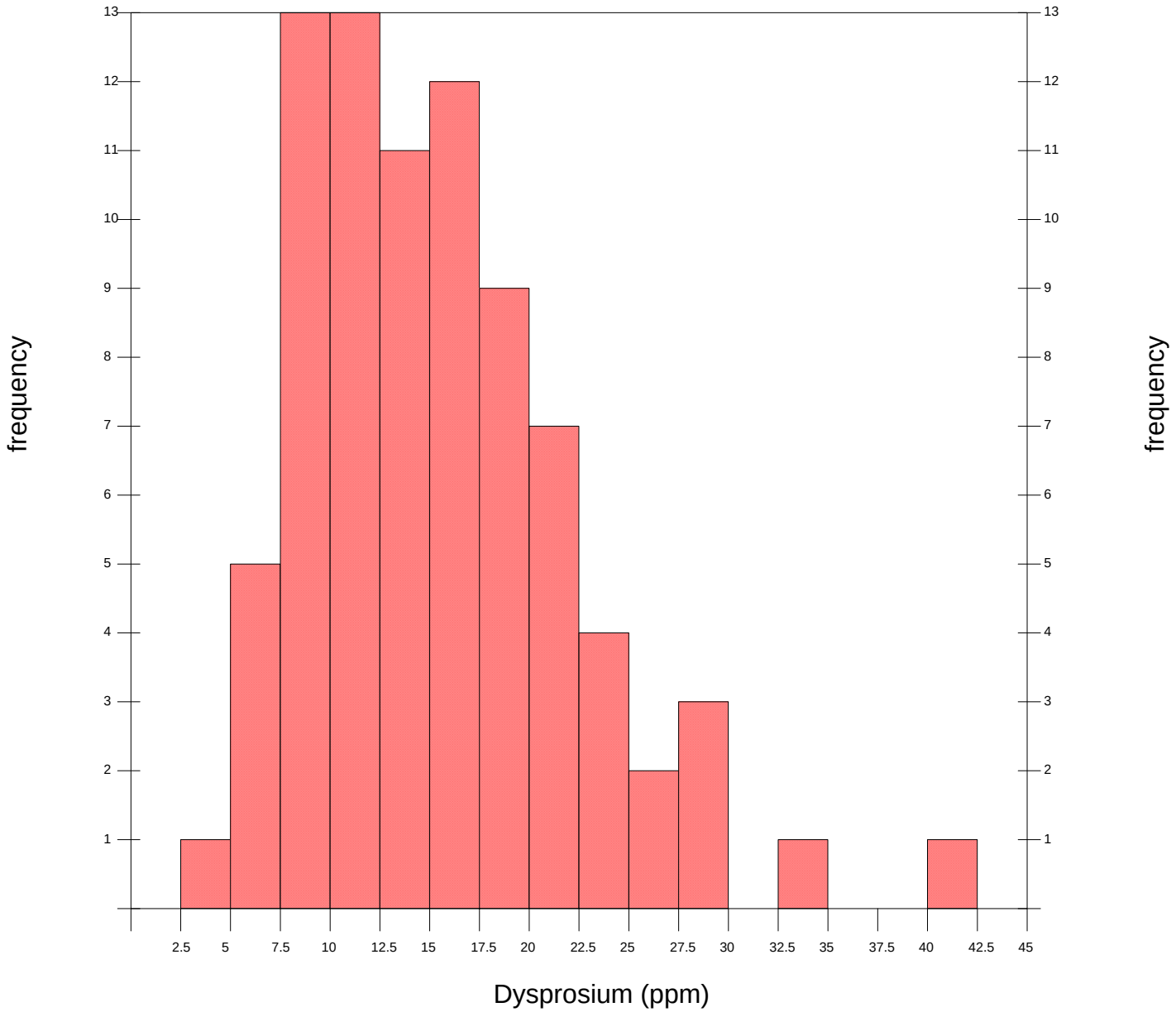
Atlin Horse Cobalt Silt Statistics



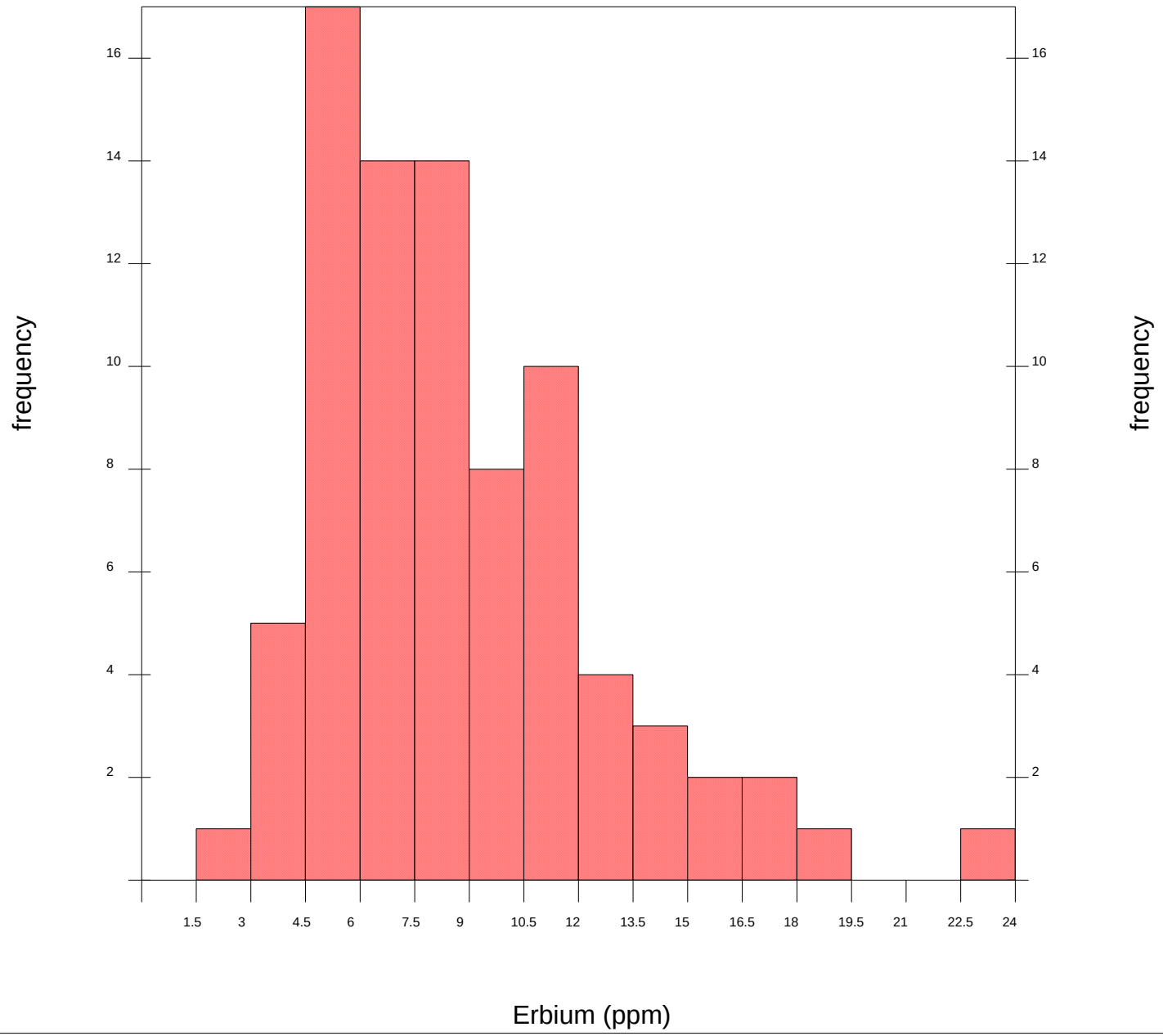
Atlin Horse Silt Copper Statistics



Atlin Horse Silt Dysprosium Statistics



Atlin Horse Silt Erbium Statistics



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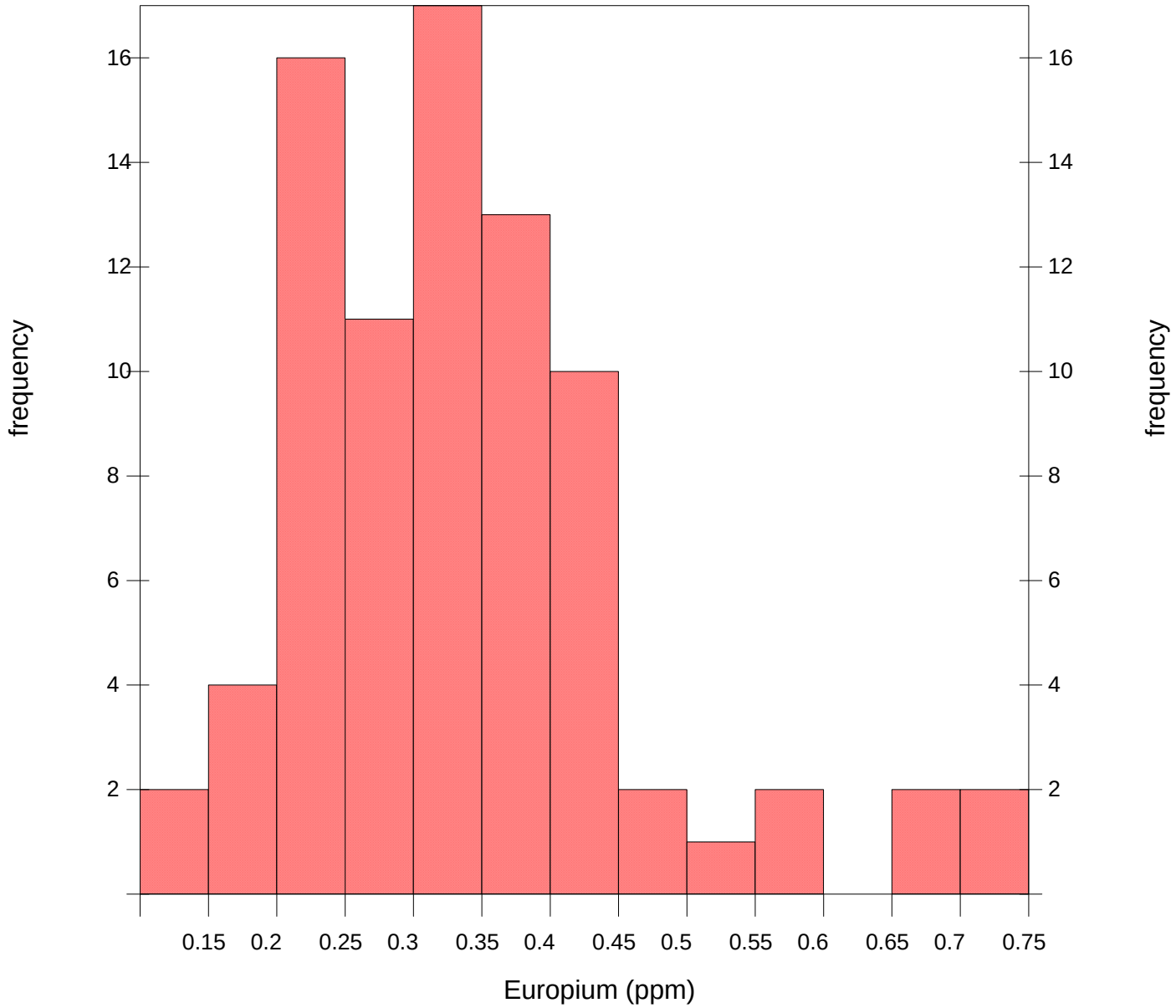
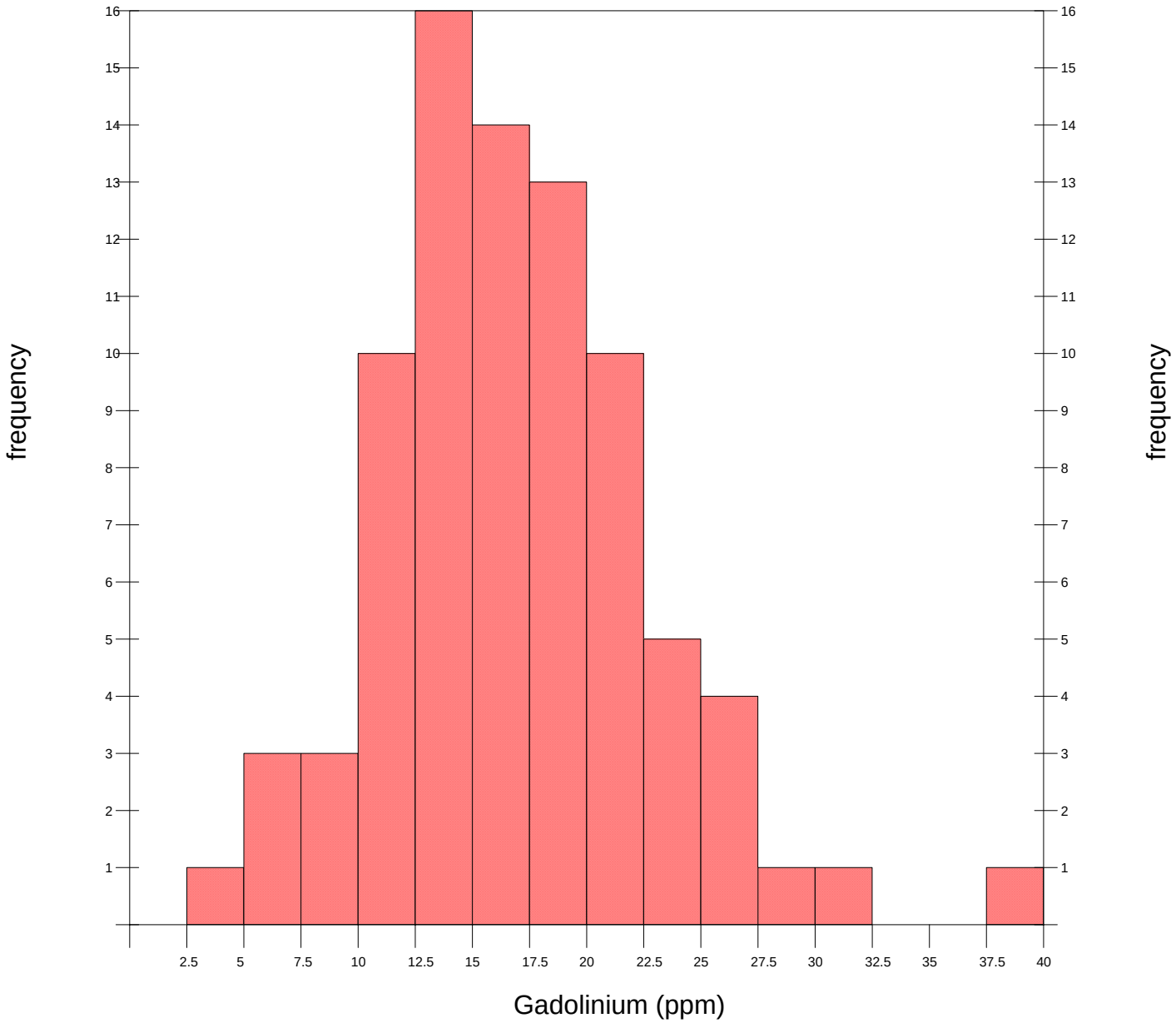
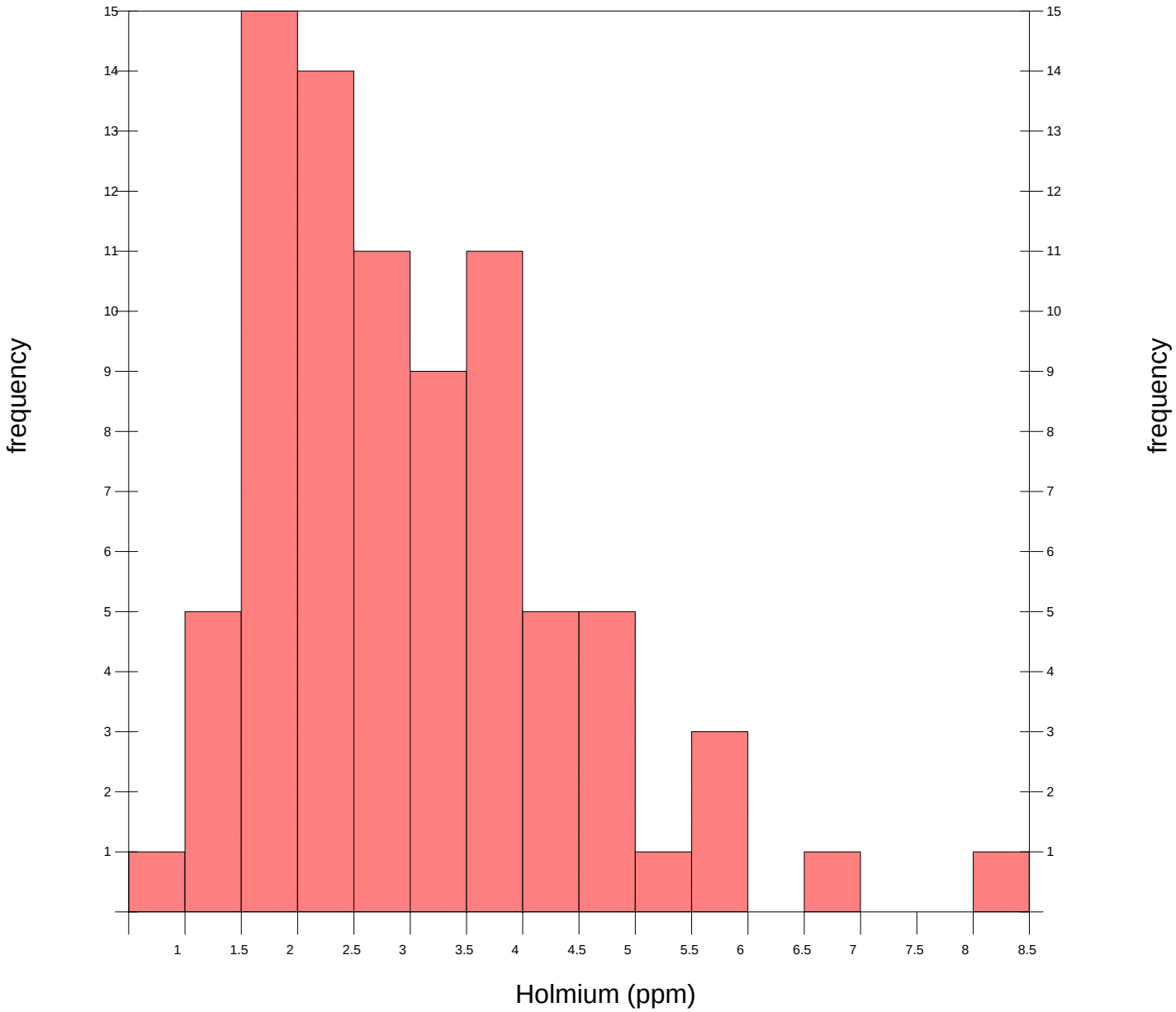


Atlin Horse Silt Gadolinium Statistics



Atlin Horse Silt Holmium Statistics



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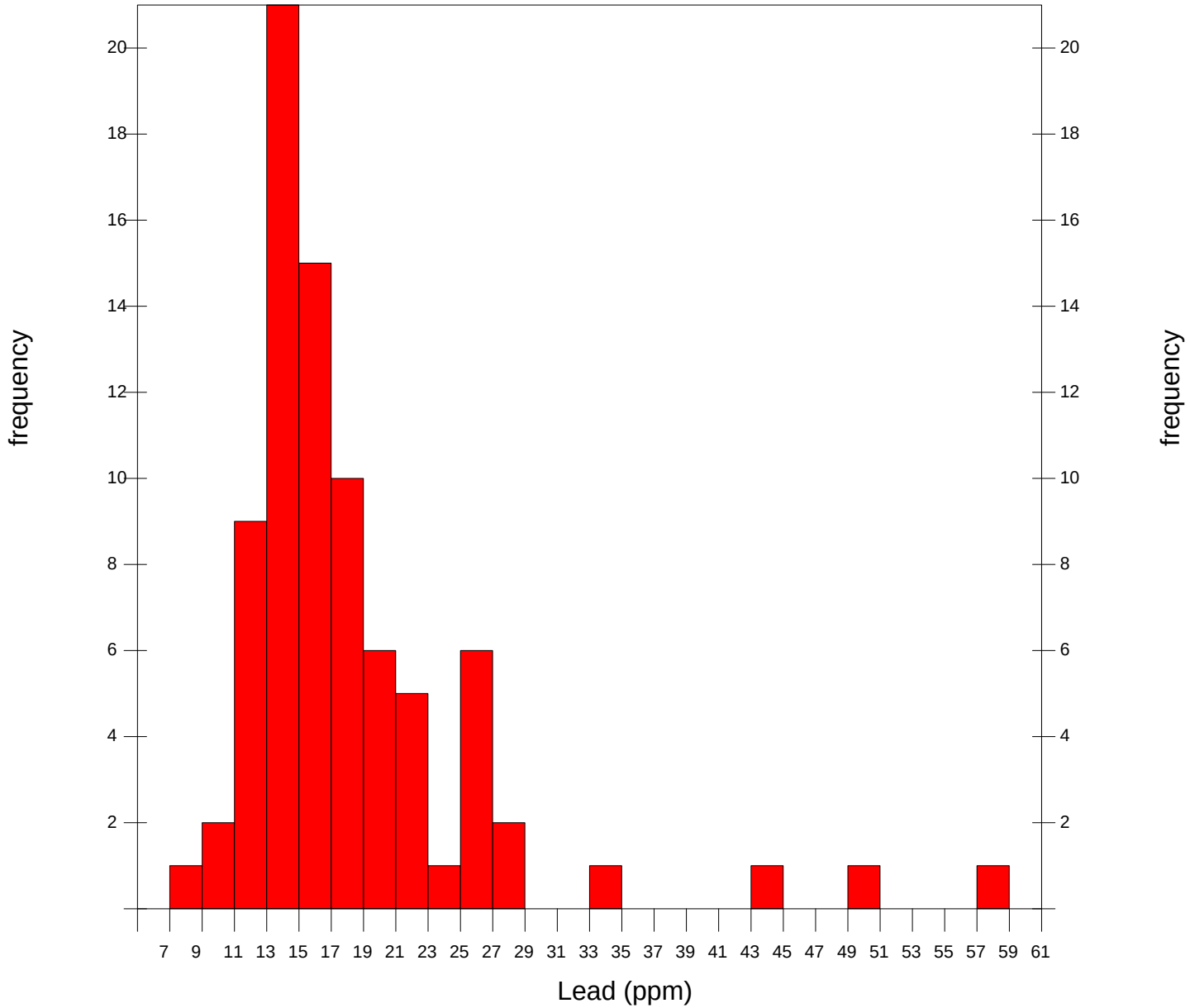
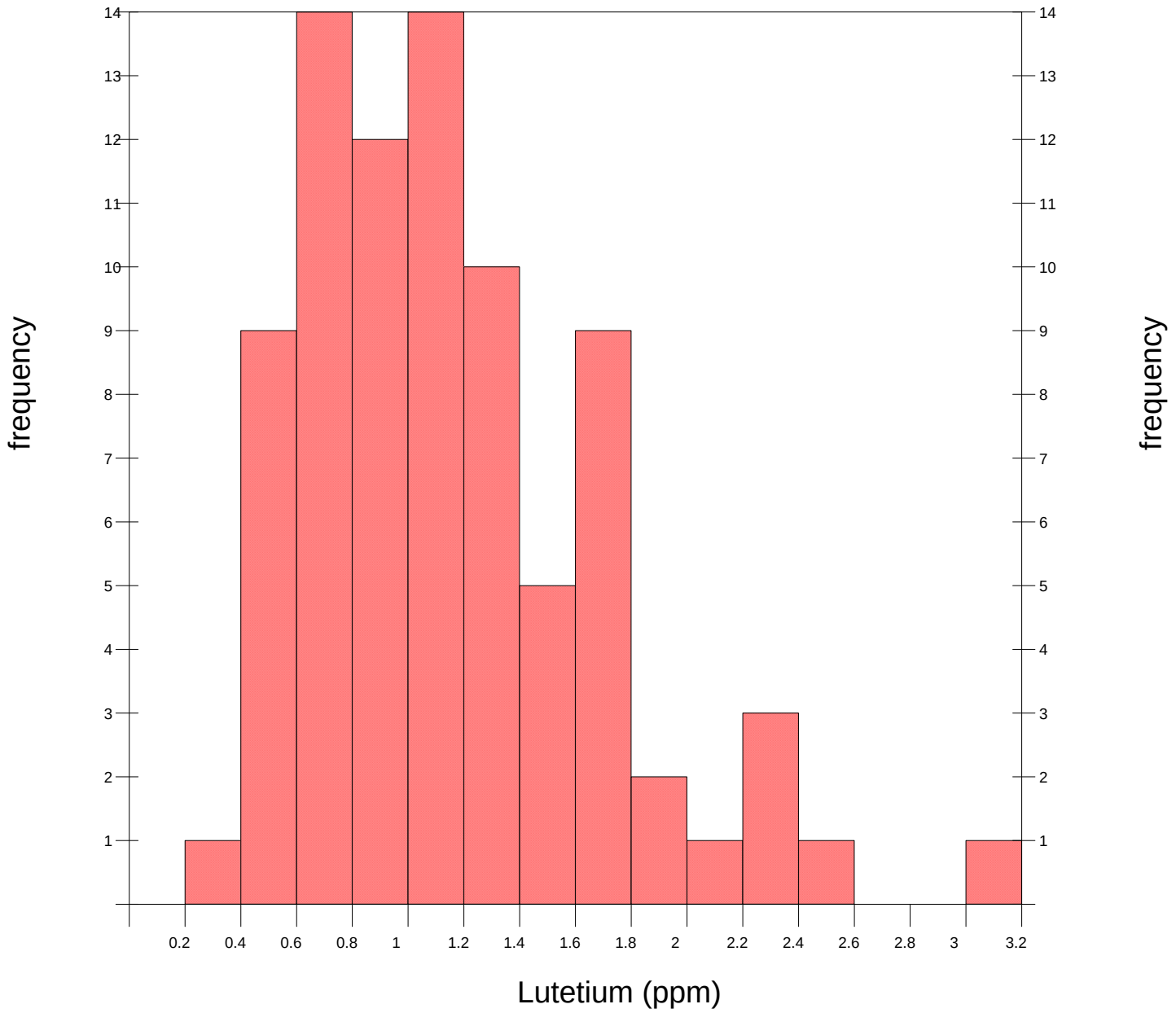


Atlin Horse Silt Lutetium Silt



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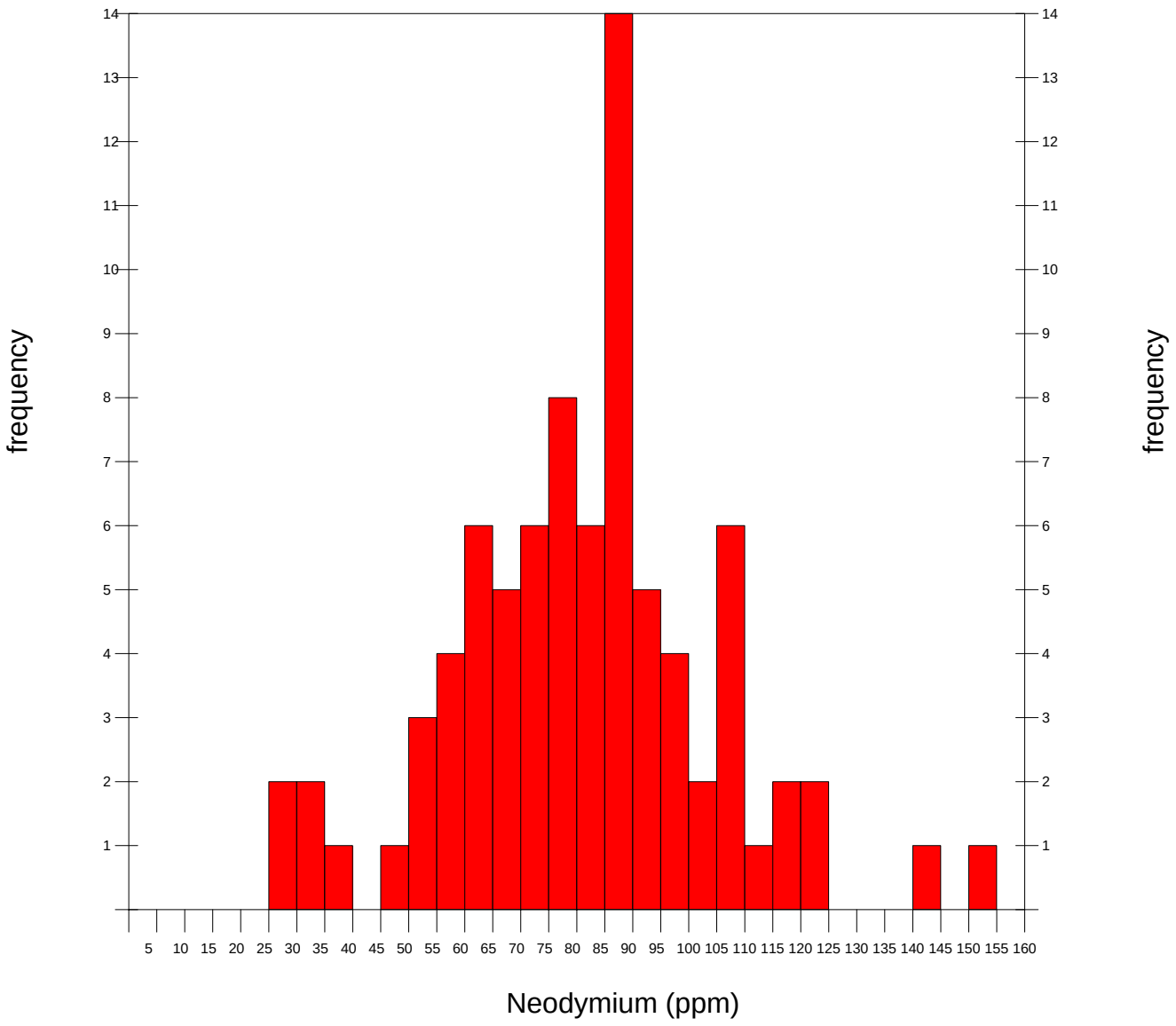

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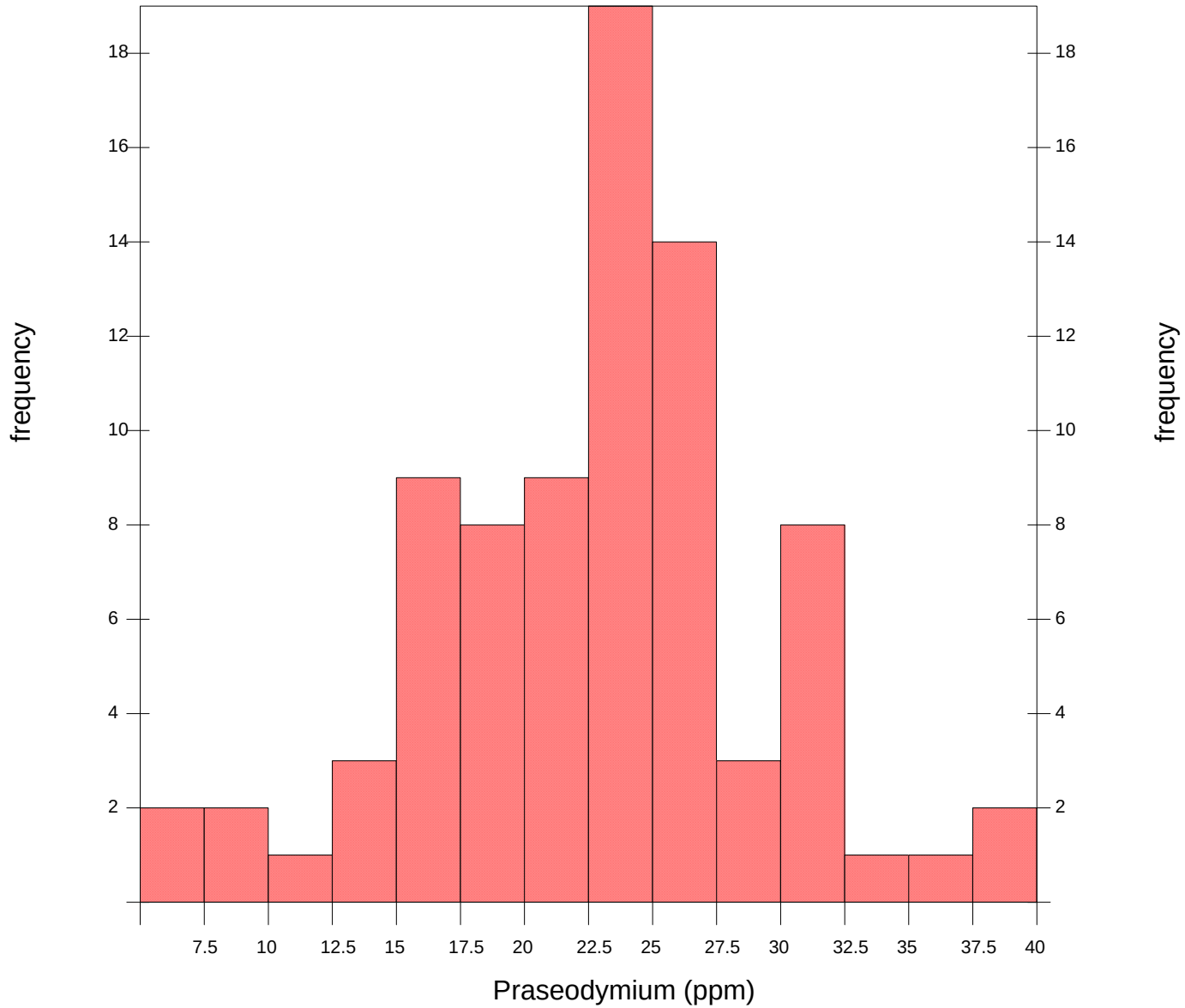

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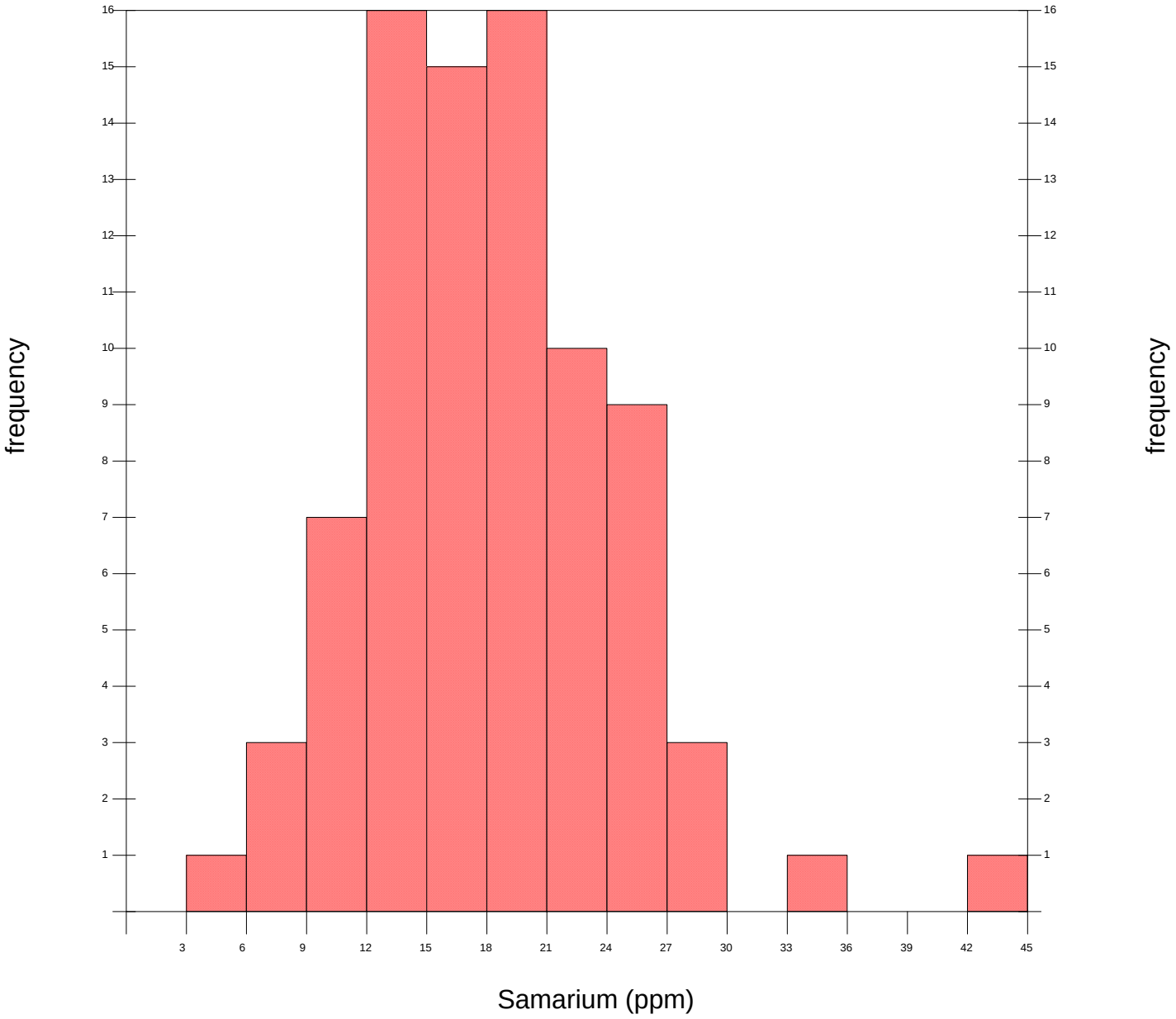

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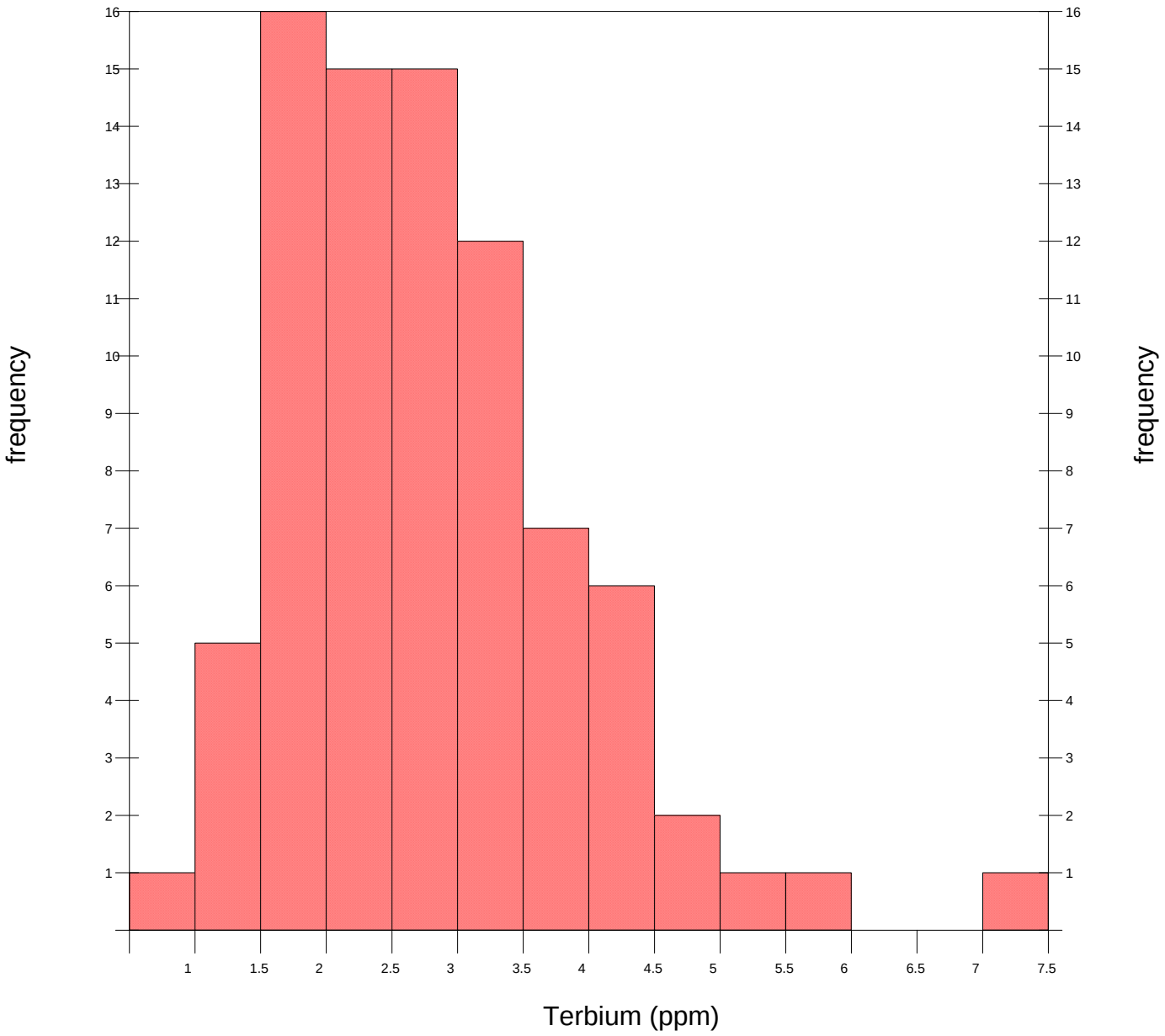

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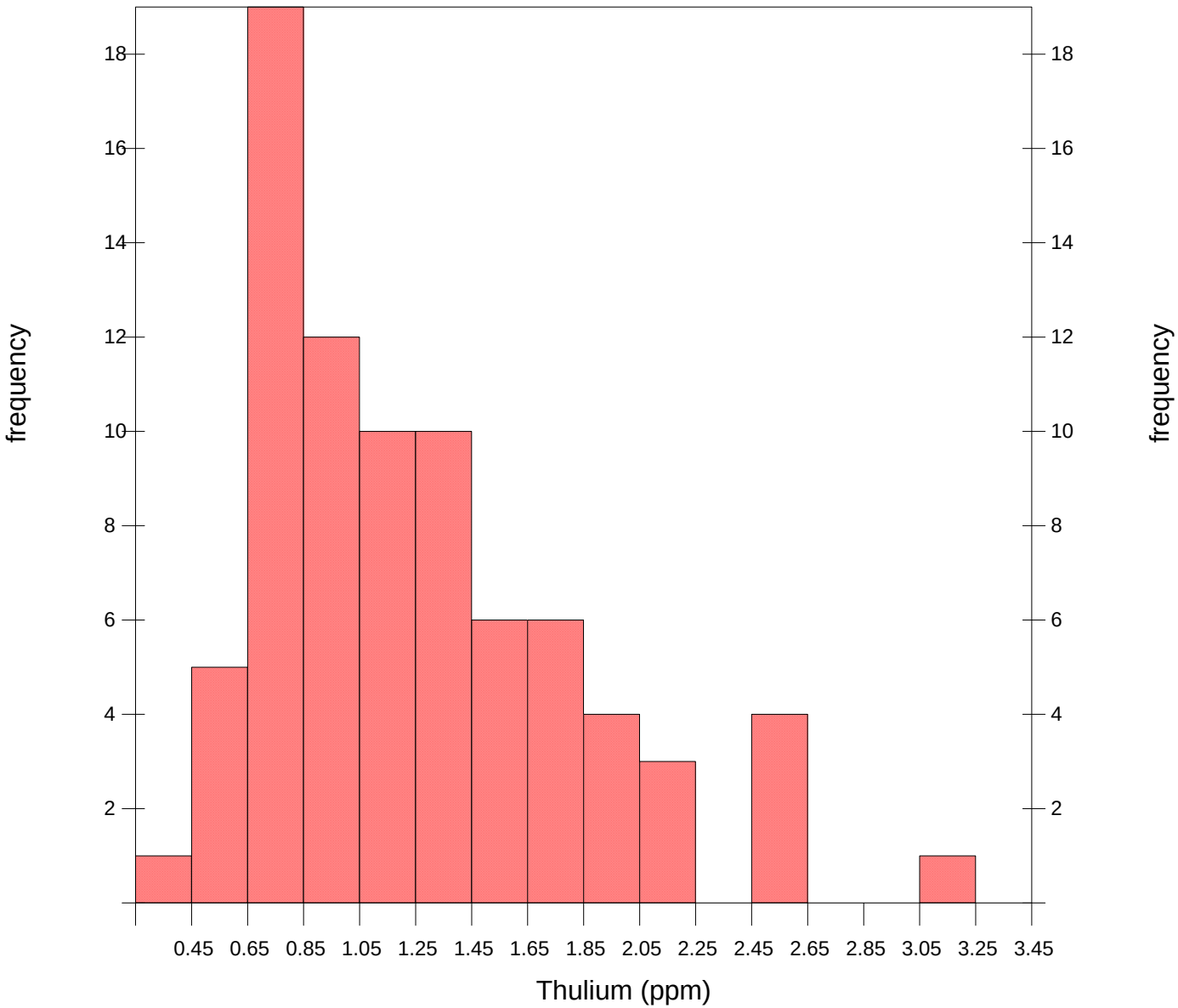

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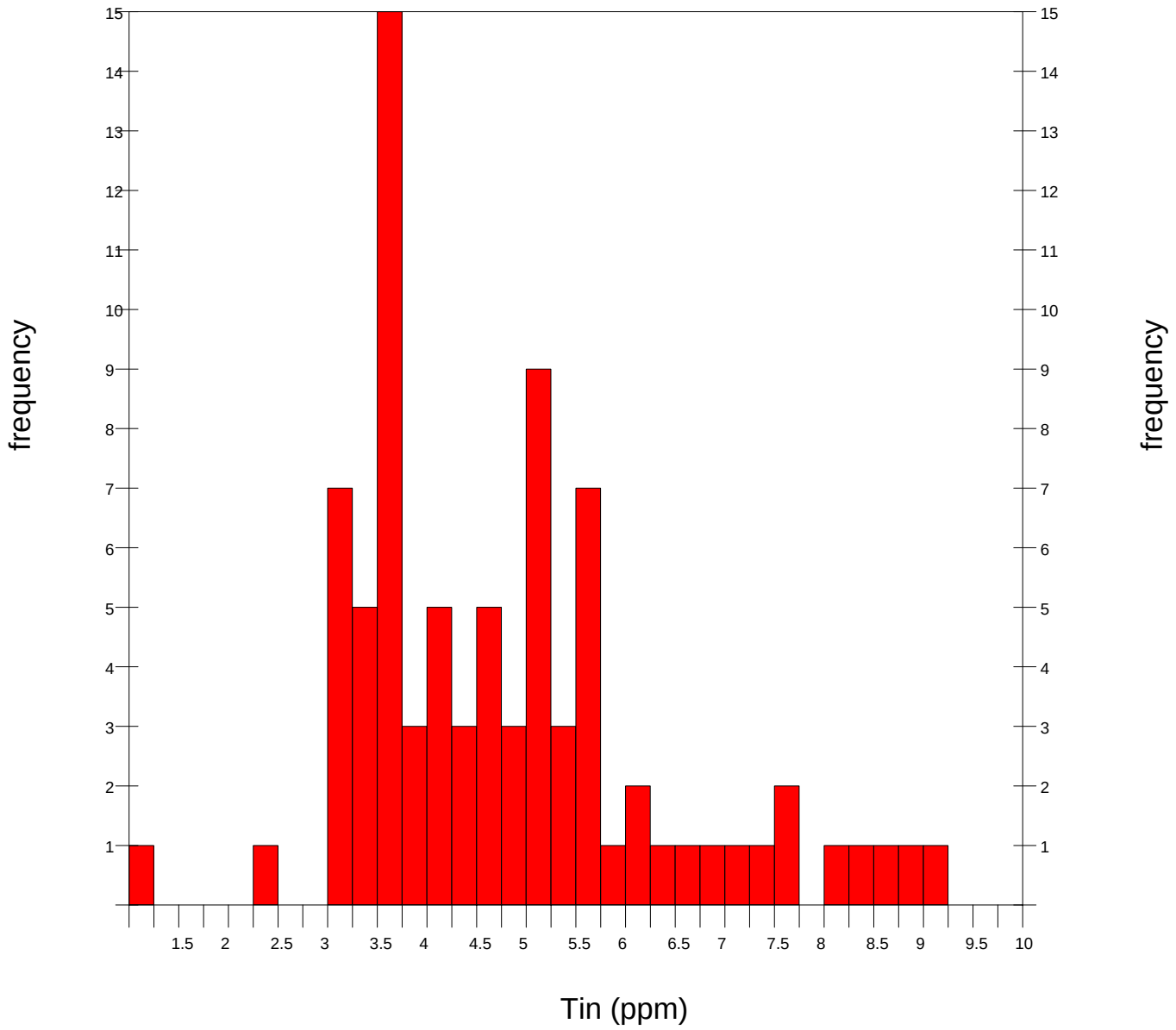

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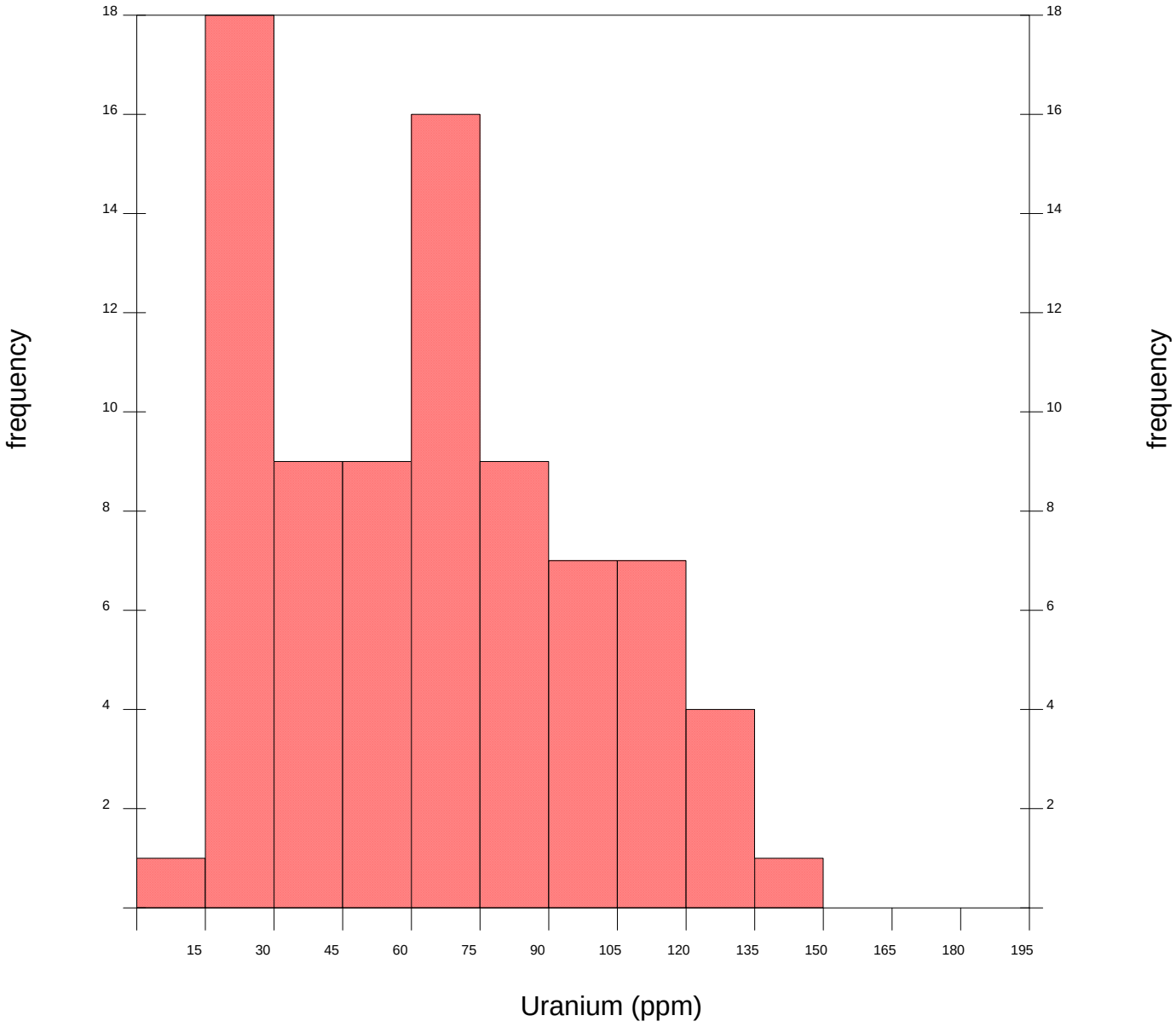

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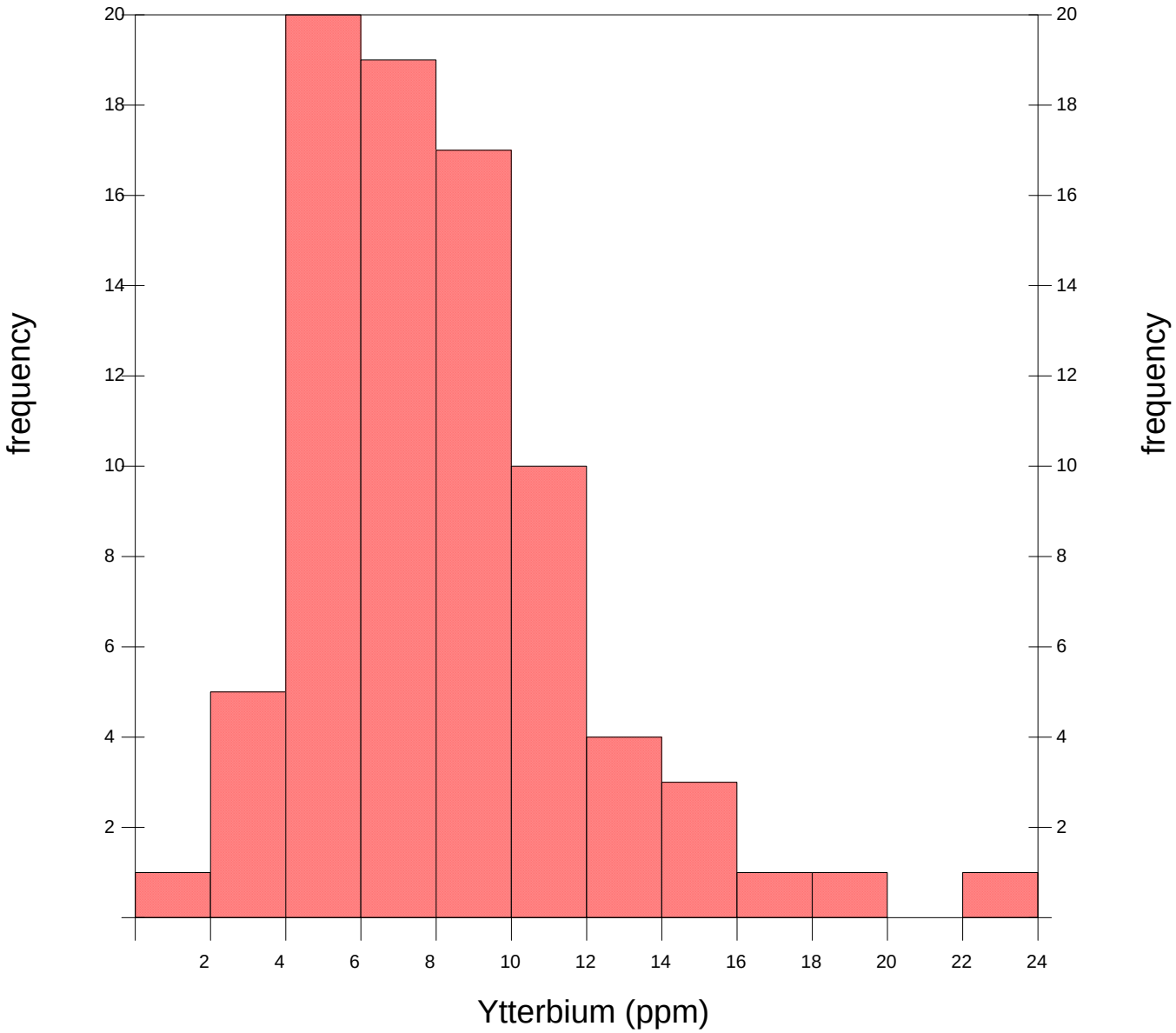

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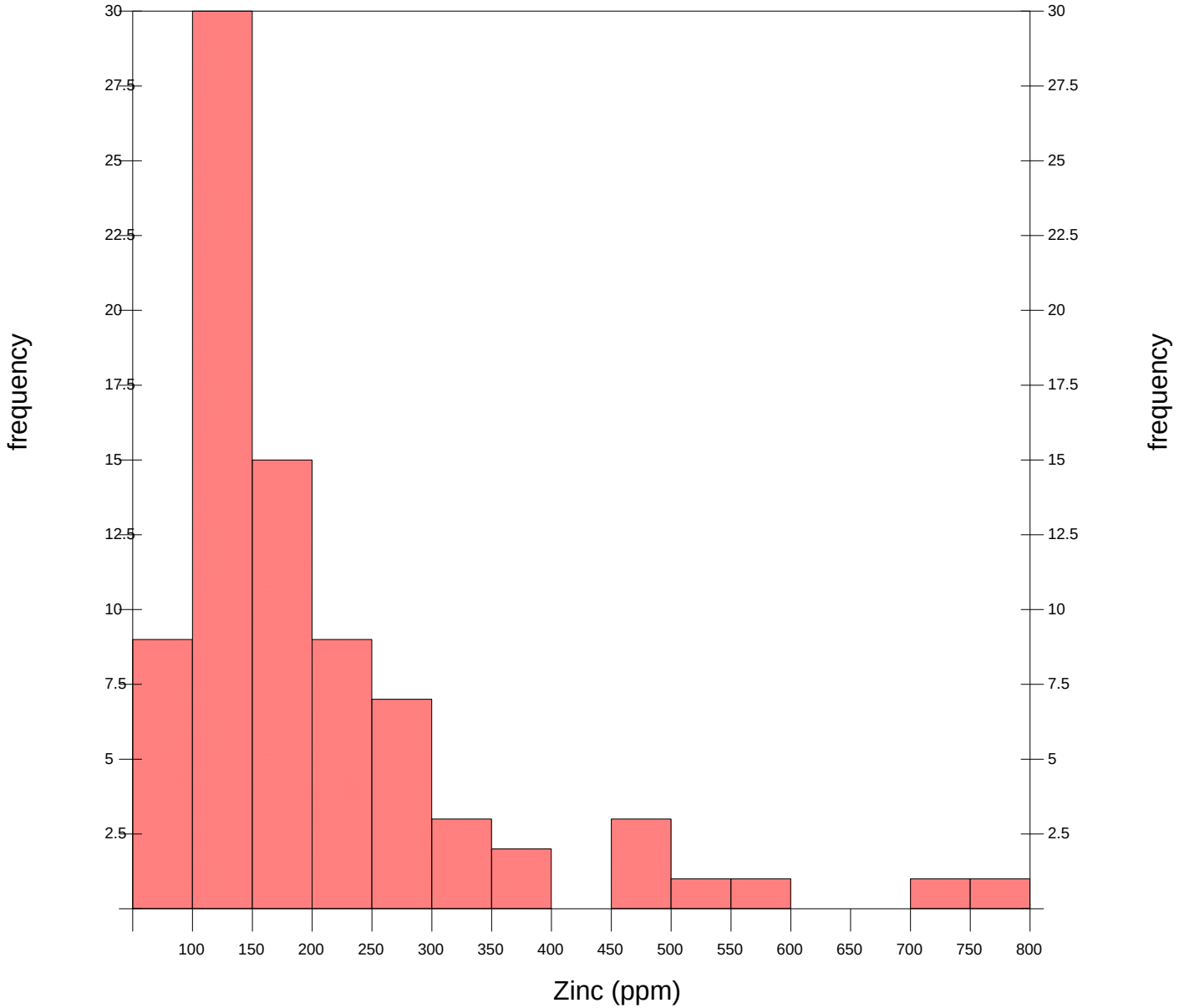
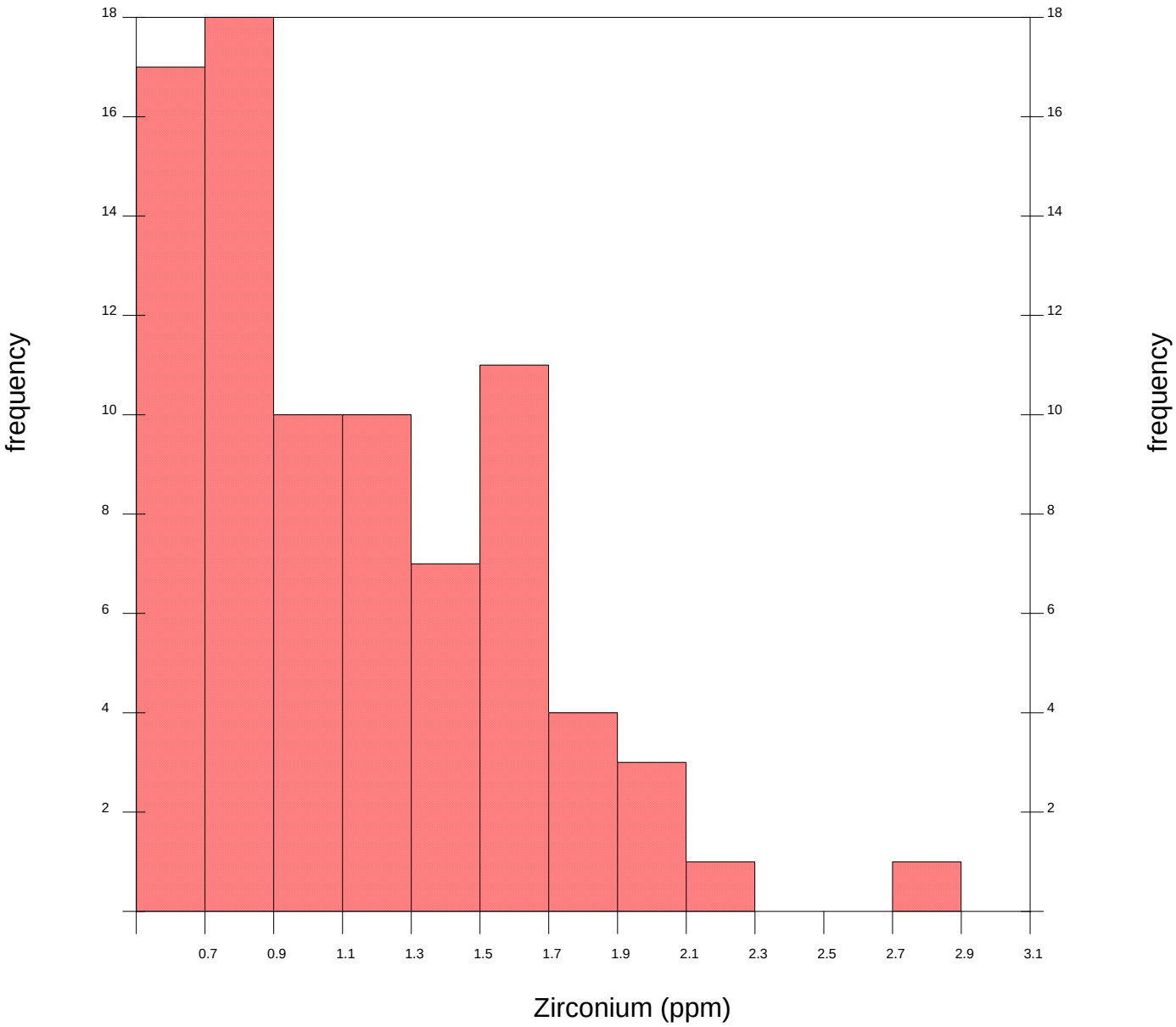
Atlin Horse Silt Zirconium Statistics