

BC Geological Survey
Assessment Report
29622

GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE
SPING PROPERTY

Situated at
Map Sheet 94D 025
UTM Zone 09 (NAD 83)
6234650 North
612719 East

Report Prepared for:

Appleton Exploration Inc.
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GEOLOGICAL AND GEOCHEMICAL REPORT ON THE SPING PROPERTY

SUMMARY

In 1972 Canadian Superior Ltd. discovered copper-silver mineralization on the Sping property and proceeded to complete geological, geochemical and geophysical surveys during the period 1972-1975. The company also completed diamond drill programs in 1973 and 1976. As a result of this work, a deposit containing 5,000,000 tons and grading 0.5% Cu and 11.9 gpt Ag was defined.

Windflower Mining acquired the property in 1983. Only maintenance work has been done on the property since that time.

Appleton Exploration Inc. acquired the Sping property in May 2007. During the period August 6-22, 2007, the company completed both reconnaissance mapping at a scale of 1:10,000 and a soil geochemical survey. In total, 321 soil samples and 19 rock samples were collected and submitted to Eco Tech Laboratories for analyses. Special attention was given to the area around the main mineralized zone.

The 2007 field program was successful in confirming the general morphology of the known mineralization. It also demonstrated that previous grade estimates were probably reasonable. However it did not expand the mineralized area significantly.

The soil geochemical survey did locate a strong coincident 750 metre long lead-zinc,-silver,-mercury and cadmium anomaly south of the main mineralized zone. It is not known if this anomaly is indicative of another mineralized limestone horizon or possibly Eskay Creek type mineralization.

Further work should consist of a detailed geochemical survey in the area of known mineralization and 2007 geochemical anomaly. This would be followed by a diamond drill program.

INTRODUCTION:

Copper-silver mineralization was first discovered on the Sping property by Canadian Superior Ltd. personnel during a regional reconnaissance program. Subsequent exploration by the company defined a non-compliant NI 43-101 resource of 5,000,000 tons (4,500,000 tonnes) grading 0.5% Cu and 11.9 gpt Ag. Windflower Mining acquired the property in 1983 and has maintained the property since that time.

In May, 2007, Appleton Exploration Inc. optioned the property from G. Ryznar. The company subsequently completed an exploration program on the property during the period August 6-22, 2007. This work consisted of 1:10,000 reconnaissance mapping and reconnaissance soil geochemistry. The focus of this exploration was expansion of the main mineralized zone as well as exploring for possible Eskay Creek type mineralization elsewhere on the property. This report describes the work done, summarizes the data, and makes recommendations for ongoing exploration.

RELIANCE ON OTHER EXPERTS:

Certain opinions expressed in this report are based on certain data and information supplied by the owner of the property, assessment reports and various other sources. Unless expressly stated otherwise, any such data and information have not been verified or audited by the author and the author makes no representation as to its accuracy and disclaims all liability with respect thereto.

The ownership of the claims comprising the property has been taken from the Mineral Titles Online Database maintained by the British Columbia Ministry of Energy and Mines. The data on this site are assumed to be correct.

PROPERTY DESCRIPTION AND LOCATION:

The Sping property is located on the Squingula River approximately 120 kilometres north of Smithers (Figure 1).

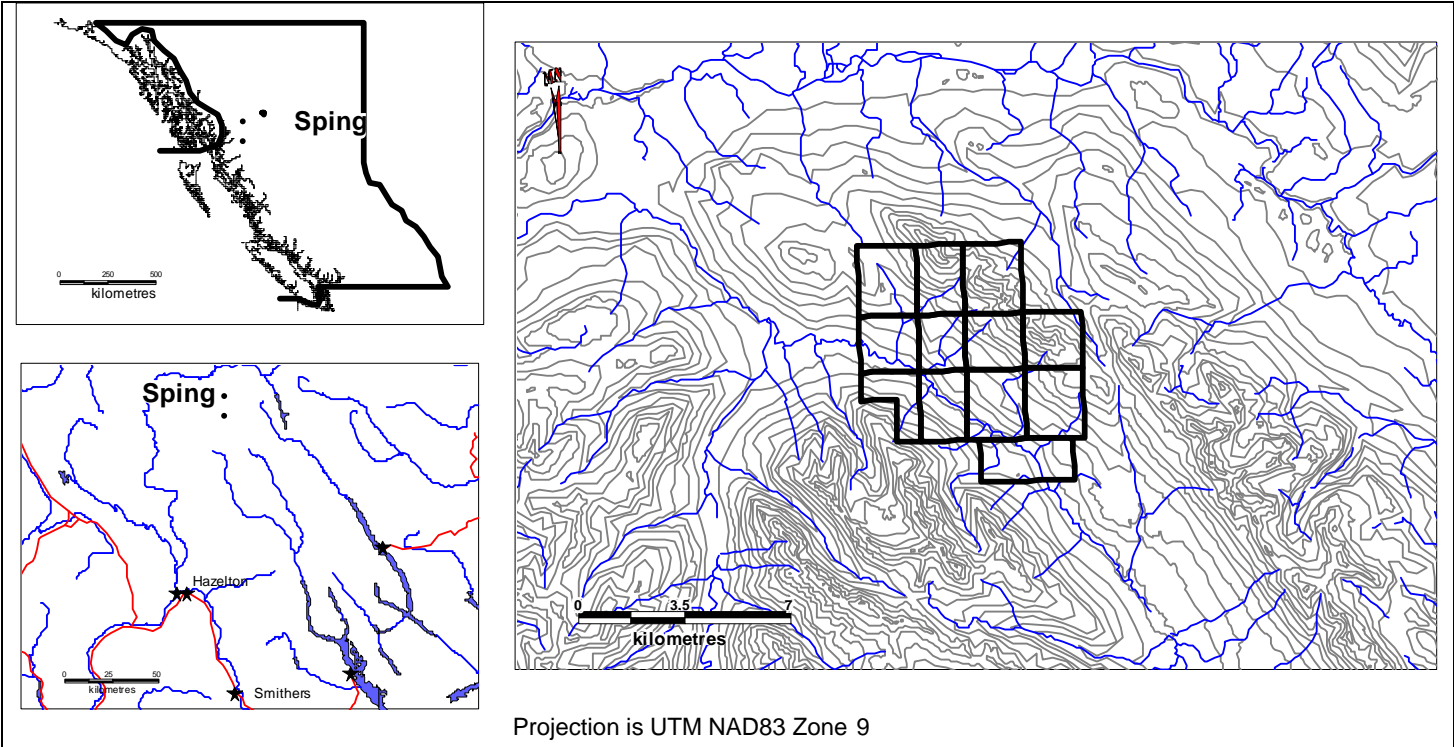


Figure 1: Location Map

The Sping property consists of one claim 100% owned by G. Ryznar and 11 contiguous claims staked by Appleton Exploration. Details pertaining to these claims are summarized in Table 1 and their location is shown in Figure 2.

TABLE 1: TENURE DETAILS- SPING PROPERTY

Tenure Number	Type	Claim Name	Good Until *	Area (ha)
516426	Mineral	SPING	20110131	287.667
559196	Mineral	SPING 2	20110131	359.757
559197	Mineral	SPING 3	20110131	449.701
559199	Mineral	SPING 4	20110131	359.586
559200	Mineral	SPING 5	20110131	449.265
559201	Mineral	SPING 6	20110131	359.409
559203	Mineral	SPING 7	20110131	449.261
559204	Mineral	SPING 8	20110131	359.585
559205	Mineral	SPING 9	20110131	287.79
559206	Mineral	SPING 10	20110131	359.585
559208	Mineral	SPING 11	20110131	449.7
559209	Mineral	SPING 12	20110131	431.899

* Pending approval of this report.

Total area (Ha.) 4603.205

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES INFRASTRUCTURE AND PHYSIOGRAPHY:

At present time access to the property is via helicopter from either Smithers or Hazelton, B.C. Logging roads extend as far north as the Sustut River along the former BCR right of way to within approximately 6-7 kilometres from the property. An old road was built onto the property in 1973 to facilitate the drilling program. This road is presently overgrown but could be rehabilitated.

During the 2007 exploration, access to the property was via helicopter from the Suskeena Fishing Lodge located on the Sustut River, 8 kilometres north of the property. This lodge was used for accommodation for the field work.

The Sping property is located on a south facing slope north of the Squingula River. Topography in the area is relatively steep, especially in some areas above tree line. Below tree line, traversing is difficult due to an abundance of tag alder, deadfall and poplar. This area was previously burned and replaced by new growth consisting mainly of poplar and alder. A few areas do contain pine or spruce.

Elevations on the property range from 730-2012 metres. Most of the property is not accessible until late May or early June due to snow cover.

HISTORY:

Copper-silver mineralization was first discovered on the Sping property in 1972 by personnel working for Canadian Superior Ltd. on a regional reconnaissance program (Rae, 1973). During the period 1973-1975 the company completed geophysical, geological mapping and soil geochemical surveys on the property (DePaolli, 1975). In addition, the company completed a 9 hole (2772 feet) diamond drill program. This work outlined a non-compliant NI 43-101 resource of 4,500,000 tonnes grading 0.5% Cu and 11.9 gpt Ag.

In 1976, City Services Mineral Corp. completed a 3 hole (1156 feet) diamond drill program (Baker, 1976). The results of this drilling did not intersect any significant mineralization and consequently did not improve the previously established resource.

In 1983 Windflower Mining Ltd. acquired the property and did maintenance work consisting of petrographic and metallurgical studies until 1992 (G. Ryznar 1994, 1990 and 1986). Ownership of the property has been maintained by G. Ryznar.

GEOLOGICAL SETTING:

Geological mapping in the vicinity of the Sping property dates back to 1973 when this region was mapped at a scale of 1:250,000 by the Geological Survey of Canada (Eisbacher, 1973). An updated version of the geology was produced in 2007 (Evanchick, et al, 2007).

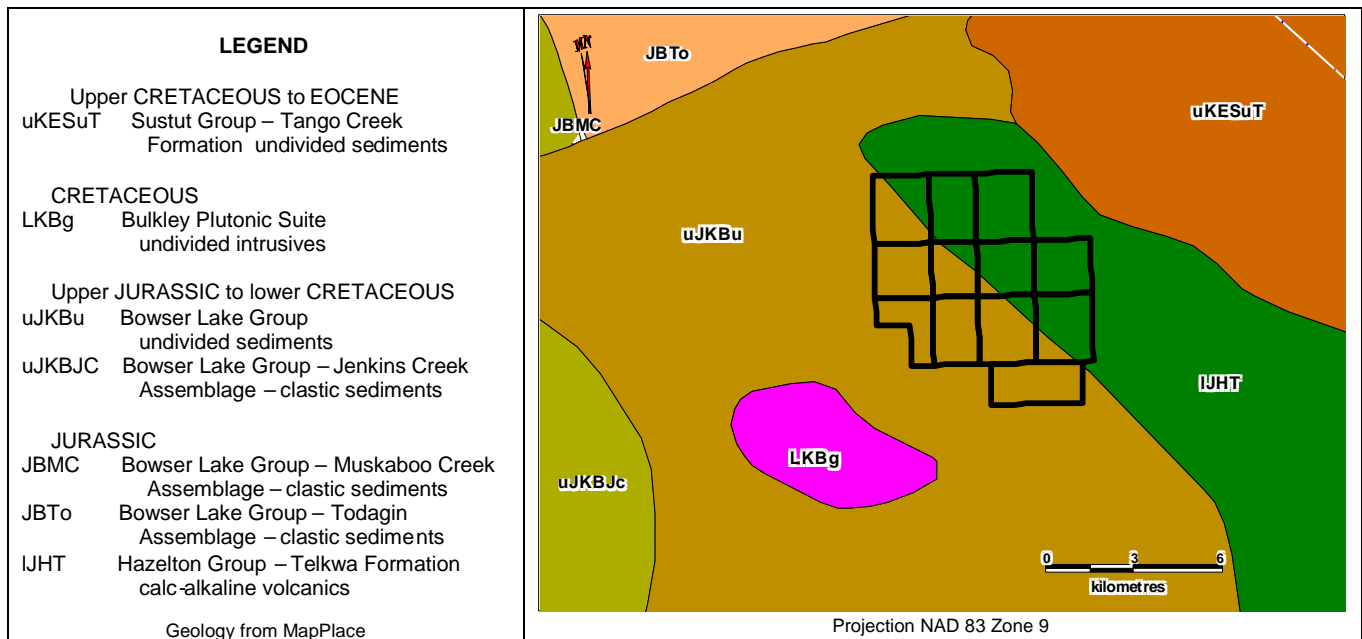


Figure 3: Regional Geology .

The area north of the Squingula River is underlain by rocks of the Lower and Lower Middle Jurassic Hazelton Group (Figure 3). They consist of a series of east-west trending sequence of subaerial and marine mafic volcanic rocks and epiclastic rocks (Plate 1), felsic volcanic rocks, epiclastic and bioclastic rocks, conglomerate, sandstone, siltstone, shale and limestone. These rocks generally have steep dips to the south.

South of the Squingula River the area is underlain by undivided Bowser Lake Group and Hazelton Group clastic rocks. No mapping was done south of the Squingula River during the 2007 exploration program.

This area has undergone at least two stages of faulting and shearing (Plate 2). An early set of north-south trending faults and shears was followed by an east-west structural trend. It appears that these faults had some control on the distribution of the mineralized limestone unit.



Plate 1: Interlayered andesite-basalt flows and pyroclastic rocks - northcentral area of the Sping property.



Plate 2: Two phase shearing in andesite - northeast corner of the Sping property.

Property Geology:

Above tree line the property is underlain by an intercalated sequence of andesite and basalt flows and pyroclastic strata (Plate 3). These rocks trend east-west with steep dips to the south.

Andesitic rocks are generally grey weathering, dark grey to dark green in colour, porphyritic and massive. Phenocrysts consist of olivine and/or pyroxene. These rocks generally have a fresh appearance.

Basaltic rocks weather grey to reddish-brown. They are dark grey to black, slightly porphyritic with aphanitic to very fine-grained matrix. Phenocrysts are either pyroxene or plagioclase. In part these units are vesicular or amygdaloidal. Brecciation is present proximal to faults. In the northeast corner there is a faint suggestion of columnar jointing in some of the units. Disseminated magnetite was observed at one locality.



Plate 3: Banded tuff and lapilli tuff - northeast corner of the Sping property.

Pyroclastic units are either mafic crystal tuffs, lapilli tuffs, or dacitic tuff. The more mafic tuffs are reddish brown to rusty weathering, grey to reddish brown, fine to medium-grained. In the northeast corner where these rocks are more abundant they are medium to thick layered. In the western side of the property these rocks tend to be more massive.

Dacitic tuff horizons are distinguished by their light orange weathering appearance. They are grey, aphanitic to very fine-grained and in part moderately to strongly siliceous.

Locally these rocks are sheared producing very intense silicified zones. Occasionally siliceous encrustations and chalcedony are present. Also present locally are reticulate networks of quartz stringers that may be related to an early stage of faulting or shearing (Plate 4).

Below tree line the property is underlain by limestone, epiclastic rocks and possibly some clastic sedimentary rocks.



Plate 4: Faulted quartz stringers in andesite - northcentral area of the Sping property

Limestone was observed in only two areas of the property. In the main mineralized zone, limestone outcrops over an area of approximately 300 by 200 metres. A small outcrop is also located along the north shore of Squingula River south of the mineralized zone.

The limestone unit is micritic, grey weathering, grey, massive and moderately fractured with spar infilling. In part the rock is brecciated and locally contains zones of crackle breccia. Malachite is present along many of the fractures. Petrographic work (Ryznar 1986 and 1994) indicates that this rock contains irregular zones of bioclastic material. Trace impurities include feldspar and lesser quartz or chert. Barite is also present in minor amounts.

Outcropping limestone along the Squingula River appears to be very similar to the limestone described above. However, no mineralization was observed even though the rock was moderately sheared.

Volcanic rocks consist predominantly of fine-grained tuffaceous units with lesser amounts of lapilli tuff and agglomerate. Also included are andesite and rhyolite or rhyolite breccia tuffs.

Tuffaceous rocks are generally maroon weathering, maroon to reddish-brown, generally massive and fresh appearing. Locally a faint layering may be present. Andesite flows are occasionally present. Lapilli tuff-agglomerate horizons are typically grey to rusty weathering, grey and fresh. Fragments range up to 5-10 centimetres in size.

Rhyolite is exposed at a single locality near the eastern end of a large outcrop area exposed in the eastern part of the property. This unit is only 6-7 metres thick. The rock weathers very pale grey, is pale grey in colour, fine-grained, siliceous and contains quartz eyes. It also contains druzy quartz along rare fractures that are present. Rhyolite tuffs are exposed in outcrops north of the limestone. This unit varies from cream to rusty weathering, pale orange to light grey and very fine-grained to medium-grained. Locally it contains 1-2% very fine-grained disseminated pyrite. In places this unit has a cherty appearance.

Structure on the property is relatively complex. There appears to have been at least two phases of faulting and shearing. An early phase of north-south trending faults and shears have been displaced by a later east-west trending structural phase. This faulting has exhibited some control on the distribution of the mineralized limestone unit. In the northeast corner of the property, copper mineralization is strongly associated with shearing and minor fault structures.

DEPOSIT TYPES:

There is potential for two types of deposits on the Sping property. These are sediment hosted Cu-Ag deposits and Eskay Creek type deposits.

Sediment-hosted Cu-Ag deposits, which include Kuperschiefer type deposits, consist of stratabound disseminations of copper minerals in a variety of sedimentary rocks that include limestone and sandstone. Limestone may be associated with volcanic rocks. These deposits are typically conformable with bedding and tabular with varying dimensions. Lateral or vertical zoning from a copper rich core to peripheral lead-zinc is common. Sulphide minerals occur as disseminations or as intergranular cement. Growth faults may provide local control. Geochemically these deposits exhibit elevated values of copper, lead, zinc and cadmium. Sometimes mercury is also elevated (Lefebure, et al, 1996).

The known mineralization on the Sping property fits well into this model.

The second type of deposit for which there is potential is the subaqueous Hot Spring Au-Ag or Eskay Creek type deposit. These deposits consist of vein, replacement and synsedimentary bedded sulphides in volcanic rocks and associated sedimentary strata. They are developed in active volcanic arcs. The age of these deposits is typically Jurassic. Mineralization occurs within intermediate to felsic flows and tuffs. The form of this type of deposit is highly variable. Sulphide minerals present include sphalerite, tetrahedrite, galena, chalcopyrite, native gold and silver, pyrite and arsenopyrite (Alldrick, 1995).

MINERALIZATION:

Copper-silver mineralization occurs in a fine-grained limestone over an area measuring approximately 200 by 300 metres. This mineralization has been intersected in several drill holes to an average depth of 39 metres. Based on the 1973 diamond drill program Canadian Superior calculated a preliminary non-compliant NI 43-101 resource of 5,000,000 tons (4,500,000 tonnes) grading 0.5% Cu and 0.35 opt Ag (11.9 gpt Ag). Two surface chip samples collected from this zone during the 2007 field program returned assays of 0.345% Cu across 3.0 metres and 1.06% Cu, 52 gpt Au and 1.52 opt Ag across 2.0 metres. These values correspond well with the postulated grade of the deposit. Grab samples from the same area assayed from 0.35-0.64% Cu.

This mineralization consists of fine-grained chalcopyrite and pyrite disseminated through the rock. Bornite is also present in trace to very minor amounts. These sulphide minerals are also associated with dolomitic veinlets and stylolitic seams that cross-cut the limestone (Ryznar, 1986). On surface much of the sulphide copper mineralization has been oxidized to malachite. Canadian Superior also noted the presence of lead-zinc-copper in areas of unmineralized limestone (Rae, 1973).

The mineralized limestone unit appears to terminate to the west by a fault. Three holes drilled along the eastern margin of the limestone outcroppings intersected unmineralized to very weakly mineralized tuffaceous rocks and clastic sediments. Mineralized surface samples collected by the author and previous work south of the 1973 drilling area suggest that the mineralized zone may extend a short distance to the south.

In drill hole 73-3, minor sporadic copper mineralization was intersected in tuffaceous rocks. Also the stratigraphy intersected in this hole is interpreted to have a strong correlation with the stratigraphy that hosts the Eskay Creek deposit (Ryznar, 1994). In this regard there may be potential for this type of mineralization on the Sping property. Eskay Creek type deposits can be described as polymetallic VMS deposits that are high in precious metal content and have highly anomalous levels of mercury, antimony and arsenic. They are generally associated with a basalt-rhyolite volcanic suite (Mortenson, et al, 2003).

Elsewhere, minor amounts of malachite were observed in talus over a relatively large area in two locations in the northeast corner of the property. Trace to minor amounts of malachite and chalcopyrite were found in outcrop along fractures and shears in volcanic lava. Some malachite was also associated with quartz stringers. Assays for grab samples collected from these areas varied from 0.02-0.35% Cu.

EXPLORATION:

During the 2007 field program reconnaissance mapping at a scale of 1:10,000 was completed on the property (Figure 4). Above tree line exposures are excellent whereas below tree line exposures are small and scarce making geological interpretations difficult for this portion of the property. In addition reconnaissance soil sampling was also done.

.All of the soil samples were analyzed by multi-element MS-ICP methods. Metals of particular interest were copper, silver, gold, lead, zinc, cadmium, barium, and mercury. Statistical analyses were completed for these metals (Table 2). Results for these metals are plotted in Figures 5-12.

TABLE 2: STATISTICAL ANALYSES OF SELECTED METALS-SOIL GEOCHEMISTRY

Field	Count_n	Minimum	Maximum	Sum_Total	Mean	Median	Range	Variance	Standard Deviation
ppm_Ba	321	-0.5	1269	60082.8	187.17	136.0	1269.50	28373.34	168.44
__Ca	321	-0.01	3.81	133.6	0.42	0.3	3.82	0.28	0.53
ppm_Cd	321	-0.01	49.48	238.0	0.74	0.3	49.49	8.78	2.96
ppb_Hg	321	-5	670	15040.5	46.86	35.0	675.00	2291.03	47.86
__Mg	321	-0.01	3.48	169.2	0.53	0.5	3.49	0.22	0.46
ppb_Au	321	-1	10.4	243.8	0.76	0.8	11.40	4.13	2.03
ppm_Cu	321	0	138.2	7368.2	22.95	18.6	138.20	304.10	17.44
ppm_Ag	321	-0.2	9.98	107.8	0.34	0.2	10.18	0.48	0.70
ppm_Pb	321	0	318.2	4557.7	14.20	9.4	318.20	712.22	26.69
ppm_Zn	321	0	5760	41571.5	129.51	88.7	5760.00	117104.58	342.21

Field	Percentile						CountEqualZero
	25th	50th	75th	90th	95th	98th	
ppm_Ba	92.0	136.0	213.0	362.5	513.0	672.4	2
__Ca	0.1	0.3	0.5	0.9	1.4	1.8	2
ppm_Cd	0.2	0.3	0.5	1.1	2.2	5.4	2
ppb_Hg	25.0	35.0	55.0	85.0	110.0	146.0	2
__Mg	0.2	0.5	0.7	0.9	1.2	1.8	2
ppb_Au	-1.0	0.8	1.6	3.2	4.4	6.5	2
ppm_Cu	13.3	18.6	25.1	40.4	54.3	81.3	2
ppm_Ag	0.1	0.2	0.4	0.8	1.1	1.9	2
ppm_Pb	7.3	9.4	12.6	18.2	34.3	68.3	2
ppm_Zn	61.3	88.7	113.7	181.9	271.5	448.6	2

With the exception of one area, most of the property is void of any large, significant anomalies. Isolated high or anomalous values were obtained for most of the above metals throughout the area evaluated.

Of particular interest is a very strong coincident lead-zinc-silver-mercury anomaly located south of the main showing area. This anomaly is approximately 750 metres long. Anomalous values for copper and barium were also obtained, although not over the entire anomalous area. Values up to 5760 ppm Zn, 318 ppm Pb, and 9.98 ppm Ag were obtained in soil samples. Also present area some elevated gold values.

The significance of this anomaly is unknown. It may reflect the presence of another mineralized limestone band or it may be indicative of Eskay Creek type mineralization.

In the northeast corner of the property, where sporadic copper mineralization was observed, there are a number of anomalous and high gold values. Also there are elevated copper values upslope from a locality where widespread but sporadic copper mineralization was observed in float.

Two anomalous copper-silver values were obtained in soil, approximately 500 metres west of the main mineralized zone.

Anomalous values for barium were obtained downslope from the main mineralized zone. High barium values may indicate the presence of limestone as the host limestone unit does contain minor amounts of barite.

DRILLING:

No drilling was done during the 2007 exploration program. Drilling was previously done in 1973 and 1976 by Canadian Superior (Rae, 1973 and Baker, 1976).

A summary of the 1973 drilling is as follows:

Drill Hole	Interval (ft.)	Length (ft.)	% Cu	oz. Ag /ton
73-2	10-140	130	0.56	0.32
73-3	6-142	136	0.54	0.61
73-5	5-170	165	0.47	0.16
73-6	3-150	147	0.47	0.28
73-7	3-160	157	0.30	0.14
73-9	11-50	39	0.59	0.39

SAMPLING METHOD AND APPROACH:

Three hundred and twenty-one soil samples and 19 rock samples were collected during the 2007 exploration program. A 6 kilometre northwest-southeast orientated baseline was first established using chain, compass and GPS. Soil samples were collected at 200 metre intervals along this line. Soil samples were also collected at 100 metre intervals along southwest-northeast orientated lines spaced approximately 500 metres apart. The majority of these lines paralleled major drainages. Two small grids were also completed in the northeast corner of the property where copper mineralization was discovered in float and talus. A north-south grid measuring 500 by 500 metres was completed as were three soil lines orientated at an azimuth of 260^o.

Eco Tech's sample preparation procedures are described below. Samples are first catalogued and dried. They are then prepared as follows:

- Soils** Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material is screened at a coarser fraction. These samples are flagged with the relevant mesh.
- Silts** Stream silts are prepared by sieving through an 80 mesh screen to obtain a Minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. The entire sample of the stream heavies is used for analysis.
- Rocks** Rock samples are two stages crushed to minus 10 mesh and a 250 gram sub-sample is pulverized on a ring mill pulverized to -140 mesh. The sub-sample is rolled, homogenized and bagged in a pre-numbered bag.

Samples for gold geochemical analysis are weighed to 30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference material accompanies the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

For multi element ICP analysis, a 0.5 gram sample is digested with 3 ml of a 3:12 (HCl:HN03:H2O) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95^o C. The sample is then diluted to 10 ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

SAMPLE PREPARATION, ANALYSES AND SECURITY:

Soil samples were collected from the B soil horizon and placed in kraft paper bags. All sample locations were recorded using GPS instruments. Locations were also recorded in field books. All samples were shipped to Eco Tech Laboratories located in Kamloops, B.C. where they were analyzed using MS-ICP multi element analytical techniques. Copper standards were inserted periodically as a quality check of these analytical procedures. Nineteen rock samples were also collected and submitted for analyses. In addition to the MS-ICP analyses, these rock samples were also analyzed for copper, silver and gold.

Analytical results for soil samples are summarized in Appendix 1; analytical results for the rock samples are summarized in Appendix 2.

DATA VERIFICATION:

The quality control measures for the exploration program on the Sping property consisted of resplits, rechecks and standards. Eco Tech runs three quality control measures. First, they insert standards in to the sample stream. Secondly, they complete a repeat analysis on every tenth sample. Thirdly, they complete a resplit and analysis on every 25th sample. The author feels that this is sufficient quality control for this phase of the exploration program.

ADJACENT PROPERTIES:

Two mineral occurrences with similarities are located approximately 6 kilometres east of the Sping property. At the TOPO occurrence, mineralization consists of chalcopyrite in cherty limestone of the Lower Jurassic Telkwa Fm. of the Hazelton Group. This limestone occurs within a sequence of red to light grey pyroclastic rocks.

The COPPER occurrence is located north of the TOPO showing. Bornite and chalcopyrite with minor pyrite and galena occur in Telkaw Fm. pyroclastic rocks. A sample across 2.44 metres assayed 1.2% Cu and 226.1 gpt Ag.

MINERAL PROCESSING AND METALLURGICAL TESTING:

No mineral processing or metallurgical testing has been done by Appleton Exploration. A preliminary floatation test on core samples was done by the property owner in 1990 (Ryznar, 1990). This work was done by Bacon, Donaldson and Associates. They were able to produce a concentrate containing 24% Cu, 1043 grams Ag and 7.99 grams Au. However, recoveries were low. With further testing it is believed that these recoveries could be improved.

MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES:

Appleton Exploration has not completed a mineral resource calculation on the Sping property. Canadian Superior did a non-compliant resource calculation in 1973. They estimated that there were 4.5 million tonnes containing 0.5% Cu and 11.9 g/t Ag. Substantially more drilling is required to bring this resource estimate up to present day standards.

OTHER RELEVANT DATA AND INFORMATION:

There is no additional information or relevant data known that is not disclosed on the Sping report.

INTERPRETATION AND CONCLUSIONS :

Exploration by Canadian Superior Ltd. was successful in delineating a deposit containing approximately 5,000,000 tons grading 0.5% Cu. Work completed by Appleton Exploration in 2007 verified the morphology of the deposit. The 2007 exploration program was not successful in extending the present boundaries of the mineralization. Some low grade copper mineralization was discovered in the north-central and northeast areas of the property.

Geochemical results indicate the presence of a strong coincident lead-zinc-silver-cadmium-mercury anomaly, 750 metres long, south of the main mineralized zone. The significance of this anomaly has not been determined. It may indicate the presence of additional mineralized limestone or may be indicative of Eskay Creek type mineralization.

Under terms of the present option agreement, Appleton Exploration would have to incur expenditures of approximately \$300,000 to maintain the property until December 2008.

RECOMMENDATIONS:

The present deposit appears to have been defined in an east-west direction. There is some room for possible expansion to the south and possibly to the north. The presence of the strong soil geochemical anomaly offers some encouragement for expanding the deposit southward. Additional drilling is required. Prior to any further drilling a detailed soil geochemical grid that includes this year's anomalous zone and high copper-silver values west of the main mineralized zone is required. Additional more detailed geological mapping should also be done. It may also be useful to do a 3-D Induced Polarization and Resistivity Survey as geophysical techniques have changed substantially since the 1970's.

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DATE AND SIGNATURE PAGE:

I, **Stephen B. Butrenchuk**, P. Geol:

Am responsible for the overall preparation of all sections of this Technical Report:

“Geological and Geochemical Report on the Sping Property”

Prepared this Technical Report in accordance with National Instrument 43-101.

Make this Technical Report effective at December 15, 2007.

Dated this 15th of December, 2007 in the city of Lethbridge, Alberta.

“signed and sealed”

Stephen B. Butrenchuk, P. Geol.

STATEMENT OF EXPENDITURES

SPRING STATEMENT OF COSTS FOR 2007

Field Crew and Days

Steve Butrenchuk	Jun 23; Aug 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,28,31
Rob Barinecutt	Aug 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,28
Brent McEwen	Aug 6,7,8,9,10,11,12,13
Dean Foote	Aug 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
Blake Nahachewsk	Aug 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
Peter Sismey	Aug 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22
Nathan Verbeek	Aug 14,15,16,17,18,19,20,21
Tim Henneberry	Jun 23

					\$
Personnel					37,900
Steve Butrenchuk	20	days	@ \$450 /day	\$	9,000.00
Dean Foote	17	days	@ \$300 day	\$	5,100.00
Blake Nahachewsk	17	days	@ \$300 day	\$	5,100.00
Rob Barinecutt	17	days	@ \$400 /day	\$	6,800.00
Brent McEwen	8	days	@ \$400 /day	\$	3,200.00
Peter Sismey	17	days	@ \$300 /day	\$	5,100.00
Nathan Verbeek	8	days	@ \$400 /day	\$	3,200.00
Tim Henneberry	1	day	@ \$400 /day	\$	400.00
Room and Board					
Suskeena Lodge	07-31-2007			\$12,600.00	
Travel					6,380.28
665777 B.C. Ltd.	07-22-2007			1,669.50	
Mammoth Geological Ltd.	06-29-2007			775.50	
665777 B.C. Ltd.	08-31-2007			3,144.75	
665777 B.C. Ltd.	08-30-2007			790.53	
Supplies					\$239.47
665777 B.C. Ltd.	08-30-2007			\$239.47	
Helicopter					33,893.80
Canadian Helicopters Limited	J235			3,306.68	
Interior Helicopters Ltd.	J359			3,242.80	
Interior Helicopters Ltd.	J360			2,948.00	
Interior Helicopters Ltd.	J361			3,095.40	

Interior Helicopters Ltd.	J362			2,948.00	
Interior Helicopters Ltd.	J363			2,653.20	
Interior Helicopters Ltd.	J364			2,653.20	
Interior Helicopters Ltd.	J365			2,505.80	
Interior Helicopters Ltd.	J366			2,800.60	
Interior Helicopters Ltd.	J367			2,038.32	
Interior Helicopters Ltd.	J368			2,459.00	
Interior Helicopters Ltd.	J369			3,242.80	
Fixed Wing					4,027.30
Sustut Air Inc	J352			1,488.65	
Sustut Air Inc	J334			1,488.65	
Sustut Air Inc	J335			1,050.00	
Analysis					9,787.52
CDN Resource Laboratories Ltd.	270731	07-17-2007		256.80	
Eco Tech Laboratory Ltd.	AK07-0782	07-19-2007		46.50	
Eco Tech Laboratory Ltd.	AK07-1278	09-27-2007		533.72	
Eco Tech Laboratory Ltd.	AK07-1326	10-15-2007		1,785.00	
Eco Tech Laboratory Ltd.	AK07-1279	10-15-2007		2,116.50	
Eco Tech Laboratory Ltd.	AK07-1334	10-15-2007		3,927.00	
Eco Tech Laboratory Ltd.	AK07-1287	10-15-2007		1,122.00	
Documentation					\$ 10,100
Steve Butrenchuk	10 days	@ \$450 /day		\$ 4,500.00	
Tim Henneberry	14 day	@ \$400 /day		\$ 5,600.00	
Assessment Credit Subtotal				\$114,928.37	

APPENDIX 1: SOIL GEOCHEMISTRY

2007 Soil Sample Locations

Certificate	Sample	Easting	Northing	Grid East	Grid North	Certificate	Sample	Easting	Northing	Grid East	Grid North
1334	1334-76	617133	6233603	17150	33600	1334	1334-24	617450	6234100	17450	34100
1334	1334-77	617135	6233658	17150	33650	1334	1334-1	617550	6233600	17550	33600
1334	1334-78	617141	6233697	17150	33700	1334	1334-2	617550	6233650	17550	33650
1334	1334-79	617142	6233750	17150	33750	1334	1334-3	617550	6233700	17550	33700
1334	1334-80	617146	6233800	17150	33800	1334	1334-4	617550	6233750	17550	33750
1334	1334-81	617156	6233847	17150	33850	1334	1334-5	617550	6233800	17550	33800
1334	1334-82	617147	6233900	17150	33900	1334	1334-6	617550	6233850	17550	33850
1334	1334-83	617148	6233950	17150	33950	1334	1334-7	617550	6233900	17550	33900
1334	1334-84	617143	6234001	17150	34000	1334	1334-8	617550	6233950	17550	33950
1334	1334-85	617150	6234048	17150	34050	1334	1334-9	617550	6234000	17550	34000
1334	1334-86	617145	6234101	17150	34100	1334	1334-10	617550	6234050	17550	34050
1334	1334-88	617240	6233602	17250	33600	1326	1326-49	617550	6234099	17550	34100
1334	1334-46	617259	6233649	17250	33650	1279	1279-11	617674	6233600	17650	33600
1334	1334-45	617253	6233701	17250	33700	1279	1279-14	617675	6233651	17650	33650
1334	1334-44	617252	6233751	17250	33750	1279	1279-12	617674	6233701	17650	33700
1334	1334-43	617251	6233804	17250	33800	1279	1279-15	617675	6233750	17650	33750
1334	1334-42	617250	6233851	17250	33850	1279	1279-16	617676	6233807	17650	33800
1334	1334-41	617250	6233900	17250	33900	1279	1279-13	617675	6233850	17650	33800
1334	1334-40	617249	6233949	17250	33950	1326	1326-1	611958	6235610	BL	0
1334	1334-39	617249	6233993	17250	34000	1326	1326-2	612103	6235482	BL	200
1334	1334-38	617248	6234056	17250	34050	1326	1326-3	612244	6235365	BL	400
1334	1334-37	617256	6234098	17250	34100	1326	1326-4	612377	6235219	BL	600
1334	1334-25	617350	6233600	17350	33600	1326	1326-5	612523	6235078	BL	800
1334	1334-26	617350	6233650	17350	33650	1326	1326-6	612677	6234946	BL	1000
1334	1334-27	617350	6233700	17350	33700	1326	1326-7	612818	6234805	BL	1200
1334	1334-28	617350	6233750	17350	33750	1326	1326-8	612950	6234676	BL	1400
1334	1334-29	617350	6233800	17350	33800	1326	1326-9	613108	6234576	BL	1600
1334	1334-30	617350	6233850	17350	33850	1326	1326-10	613251	6234418	BL	1800
1334	1334-31	617350	6233900	17350	33900	1326	1326-11	613424	6234309	BL	2000
1334	1334-32	617350	6233950	17350	33950	1326	1326-12	613588	6234191	BL	2200
1334	1334-34	617350	6234000	17350	34000	1326	1326-13	613731	6234072	BL	2400
1334	1334-35	617350	6234050	17350	34050	1326	1326-15	613876	6233951	BL	2600
1334	1334-36	617350	6234100	17350	34100	1326	1326-16	614016	6233802	BL	2800
1334	1334-13	617450	6233600	17450	33600	1326	1326-17	614164	6233699	BL	3000
1334	1334-14	617450	6233650	17450	33650	1326	1326-18	614300	6233570	BL	3200
1334	1334-15	617450	6233700	17450	33700	1326	1326-19	614437	6233437	BL	3400
1334	1334-16	617450	6233750	17450	33750	1326	1326-20	614570	6233304	BL	3600
1334	1334-17	617450	6233800	17450	33800	1326	1326-21	614689	6233136	BL	3800
1334	1334-18	617450	6233850	17450	33850	1326	1326-22	614851	6233014	BL	4000
1334	1334-19	617450	6233900	17450	33900	1326	1326-23	614999	6232900	BL	4200
1334	1334-20	617450	6233950	17450	33950	1326	1326-24	615170	6232799	BL	4400
1334	1334-21	617450	6234000	17450	34000	1326	1326-25	615306	6232680	BL	4600
1334	1334-23	617450	6234050	17450	34050	1326	1326-26	615492	6232588	BL	4800

Certificate	Sample	Easting	Northing	Grid East	Grid North	Certificate	Sample	Easting	Northing	Grid East	Grid North
1326	1326-27	615637	6232464	BL	5000	1334	1334-120	615893	6233515	L12	600
1326	1326-28	615788	6232346	BL	5200	1334	1334-119	615800	6233582	L12	700
1326	1326-29	615914	6232256	BL	5400	1334	1334-121	615699	6233480	L12	800
1326	1326-30	616039	6232113	BL	5600	1334	1334-122	615672	6233404	L12	900
1326	1326-31	616199	6231943	BL	5800	1334	1334-47	615604	6233359	L12	1000
1326	1326-32	616298	6231827	BL	6000	1334	1334-48	615500	6233329	L12	1100
1326	1326-33	616424	6231679	BL	6200	1334	1334-49	615403	6233300	L12	1200
1326	1326-34	616592	6231567	BL	6400	1334	1334-50	615305	6233227	L12	1300
1326	1326-35	616739	6231436	BL	6600	1334	1334-51	615108	6233116	L12	1400
1334	1334-125	613575	6232424	L11	0	1334	1334-52	615005	6233007	L12	1500
1334	1334-124	613561	6232537	L11	100	1334	1334-53	614975	6232930	L12	1600
1334	1334-123	613561	6232592	L11	200	1287	1287-1	611858	6235650	L2	0
1334	1334-126	613613	6232675	L11	300	1287	1287-2	611773	6235601	L2	100
1334	1334-127	613648	6232737	L11	400	1287	1287-3	611682	6235513	L2	200
1334	1334-128	613714	6232815	L11	500	1287	1287-4	611618	6235451	L2	300
1334	1334-130	613743	6232882	L11	600	1287	1287-5	611486	6235223	L2	400
1334	1334-129	613724	6232968	L11	700	1287	1287-6	611406	6235169	L2	500
1334	1334-131	613766	6233041	L11	800	1287	1287-7	611342	6235116	L2	600
1334	1334-134	613842	6233055	L11	900	1287	1287-8	611286	6234994	L2	700
1334	1334-132	613841	6232973	L11	1000	1287	1287-9	611156	6234967	L2	800
1334	1334-135	613939	6233003	L11	1100	1287	1287-10	611045	6234889	L2	900
1334	1334-136	614008	6232989	L11	1200	1287	1287-11	610966	6234795	L2	1000
1334	1334-137	614061	6233908	L11	1300	1287	1287-12	610905	6234750	L2	1100
1334	1334-95	614243	6232974	L11	1400	1287	1287-13	610841	6234631	L2	1200
1334	1334-96	614331	6232970	L11	1500	1279	1279-1	613572	6236565	L3-1	0
1334	1334-97	614422	6232990	L11	1600	1279	1279-2	613521	6236476	L3-2	100
1334	1334-98	614485	6232984	L11	1700	1279	1279-3	613449	6236409	L3-3	200
1334	1334-99	614584	6233048	L11	1800	1279	1279-4	613371	6236324	L3-4	300
1334	1334-100	614656	6233045	L11	1900	1279	1279-5	613280	6236287	L3-5	400
1334	1334-101	614695	6233142	L11	2000	1279	1279-6	613189	6236286	L3-6	500
1334	1334-94	614173	6232900	L11a	1400	1279	1279-7	613111	6236237	L3-7	600
1334	1334-93	614272	6232900	L11a	1500	1279	1279-8	613045	6236169	L3-8	700
1334	1334-92	614358	6232903	L11a	1600	1279	1279-9	612986	6236095	L3-9	800
1334	1334-91	614441	6232842	L11a	1700	1279	1279-10	612925	6236039	L3-10	900
1334	1334-90	614528	6232823	L11a	1800	1279	1279-57	612865	6235965	L3-11	1000
1334	1334-89	614609	6232813	L11a	1900	1279	1279-58	612806	6235901	L3-12	1100
1334	1334-104	614723	6232797	L11a	2000	1279	1279-59	612732	6235838	L3-13	1200
1334	1334-113	616396	6233516	L12	0	1279	1279-60	612669	6235778	L3-14	1300
1334	1334-114	616300	6233456	L12	100	1279	1279-61	612642	6235704	L3-15	1400
1334	1334-115	616200	6233465	L12	200	1279	1279-62	612629	6235609	L3-16	1500
1334	1334-116	616104	6233455	L12	300	1279	1279-63	612626	6235517	L3-17	1600
1334	1334-117	616004	6233458	L12	400	1279	1279-64	612583	6235420	L3-18	1700
1334	1334-118	615954	6233469	L12	500	1279	1279-65	612572	6235331	L3-19	1800

Certificate	Sample	Easting	Northing	Grid East	Grid North	Certificate	Sample	Easting	Northing	Grid East	Grid North
1279	1279-67	612512	6235244	L3-20	1900	1279	1279-39	614615	6233834	L6	800
1279	1279-68	612238	6235198	L3-21	2000	1279	1279-40	614512	6233805	L6	900
1279	1279-69	612159	6235148	L3-22	2100	1279	1279-41	614380	6233716	L6	1000
1279	1279-70	612080	6235074	L3-23	2200	1279	1279-53	614377	6233573	L6	1100
1279	1279-71	611999	6235021	L3-24	2300	1287	1287-28	617245	6233480	L8a	0
1279	1279-72	611898	6234921	L3-25	2400	1287	1287-27	617145	6233478	L8a	100
1279	1279-73	611819	6234884	L3-26	2500	1287	1287-29	617050	6233432	L8a	200
1279	1279-74	611728	6234834	L3-27	2600	1287	1287-30	616950	6233411	L8a	300
1279	1279-75	611640	6234792	L3-28	2700	1287	1287-31	616850	6233323	L8a	400
1279	1279-76	611584	6234717	L3-29	2800	1287	1287-34	616750	6233308	L8a	500
1279	1279-77	611588	6234607	L3-30	2900	1287	1287-32	616651	6233313	L8a	600
1279	1279-78	611603	6234504	L3-31	3000	1287	1287-33	616550	6233281	L8a	700
1279	1279-79	611592	6234386	L3-32	3100	1287	1287-35	616450	6233221	L8a	800
1279	1279-80	611570	6234290	L3-33	3200	1287	1287-36	616350	6233193	L8a	900
1279	1279-81	611570	6234175	L3-34	3300	1287	1287-37	616250	6233115	L8a	1000
1279	1279-82	611506	6234093	L3-35	3400	1287	1287-38	616150	6233013	L8a	1100
1279	1279-83	611546	6233997	L3-36	3500	1287	1287-39	616050	6232893	L8a	1200
1334	1334-64	614464	6235099	L5	0	1287	1287-41	615950	6232824	L8a	1300
1334	1334-65	614385	6235011	L5	100	1287	1287-42	615850	6232672	L8a	1400
1334	1334-66	614359	6234988	L5	200	1287	1287-43	615750	6232581	L8a	1500
1334	1334-67	614280	6234932	L5	300	1326	1326-47	617645	6233424	L8b	0
1334	1334-68	614215	6234848	L5	400	1326	1326-48	617600	6233412	L8b	50
1334	1334-69	614135	6234801	L5	500	1334	1334-12	617550	6234100	L8b	100
1334	1334-70	614076	6234746	L5	600	1326	1326-50	617500	6233394	L8b	150
1334	1334-71	614039	6234663	L5	700	1326	1326-51	617450	6233387	L8b	200
1334	1334-72	613993	6234598	L5	800	1326	1326-52	617400	6233371	L8b	250
1334	1334-73	613902	6234389	L5	900	1326	1326-53	617350	6233364	L8b	300
1279	1279-42	613818	6234310	L5	1000	1326	1326-54	617300	6233351	L8b	350
1279	1279-43	613709	6234257	L5	1100	1326	1326-56	617250	6233375	L8b	400
1279	1279-44	613626	6234193	L5	1200	1326	1326-57	617200	6233274	L8b	450
1279	1279-45	613502	6234136	L5	1300	1326	1326-59	617544	6233614	L8c	0
1279	1279-46	613404	6234081	L5	1400	1326	1326-60	617528	6233598	L8c	50
1279	1279-47	613307	6234071	L5	1500	1326	1326-62	617465	6233546	L8c	150
1279	1279-48	613192	6234003	L5	1600	1326	1326-63	617413	6233511	L8c	200
1279	1279-50	613100	6223972	L5	1700	1326	1326-64	617396	6233496	L8c	250
1279	1279-51	615252	6234269	L6	0	1326	1326-65	617351	6233478	L8c	300
1279	1279-56	615170	6234248	L6	100	1326	1326-66	617301	6233462	L8c	350
1279	1279-54	615106	6234201	L6	200	1326	1326-69	617250	6233458	L8c	400
1279	1279-55	615035	6234080	L6	300	1326	1326-37	617198	6233462	L8c	450
1279	1279-35	614976	6234081	L6	400	1326	1326-38	617601	6233508	L8d	0
1279	1279-36	614862	6233997	L6	500	1326	1326-39	617550	6233486	L8d	50
1279	1279-37	614785	6233932	L6	600	1326	1326-40	617504	6233465	L8d	100
1279	1279-38	614727	6233863	L6	700	1326	1326-41	617450	6233444	L8d	150

Certificate	Sample	Easting	Northing	Grid East	Grid North	Certificate	Sample	Easting	Northing	Grid East	Grid North
1326	1326-42	617400	6233425	L8d	200	1334	1334-58	616595	6231184	Last Ck	300
1326	1326-43	617350	6233406	L8d	250	1334	1334-59	616518	6231126	Last Ck	400
1326	1326-45	617300	6233381	L8d	300	1334	1334-60	616433	6231071	Last Ck	500
1326	1326-46	617250	6233362	L8d	350	1334	1334-61	616325	6231082	Last Ck	600
1326	1326-70	617200	6233351	L8d	400	1334	1334-62	616236	6231080	Last Ck	700
1279	1279-18	614041	6235601	Lake Run	0	1334	1334-63	616192	6230996	Last Ck	800
1279	1279-19	613940	6235568	Lake Run	100	1287	1287-14	612532	6235022	Show W	0
1279	1279-20	613858	6235529	Lake Run	200	1287	1287-15	612515	6234902	Show W	100
1279	1279-21	613763	6235505	Lake Run	300	1287	1287-16	612490	6234819	Show W	200
1279	1279-23	613667	6235465	Lake Run	400	1287	1287-17	612506	6234702	Show W	300
1279	1279-24	613590	6235403	Lake Run	500	1287	1287-18	612491	6234605	Show W	400
1279	1279-25	613526	6235336	Lake Run	600	1287	1287-19	612501	6234508	Show W	500
1279	1279-26	613432	6235311	Lake Run	700	1287	1287-20	612500	6234404	Show W	600
1279	1279-27	613377	6235213	Lake Run	800	1287	1287-21	612510	6234304	Show W	700
1279	1279-28	613360	6235120	Lake Run	900	1287	1287-22	612511	6234196	Show W	800
1279	1279-29	613312	6235028	Lake Run	1000	1287	1287-23	612528	6234100	Show W	900
1279	1279-30	613262	6234963	Lake Run	1100	1287	1287-24	612504	6234000	Show W	1000
1279	1279-31	613200	6234907	Lake Run	1200	1287	1287-25	612501	6233903	Show W	1100
1279	1279-32	613178	6234810	Lake Run	1300	1287	1287-26	612495	6233801	Show W	1200
1279	1279-33	613106	6234771	Lake Run	1400	1326	1326-61	612512	6233584	Show W	1300
1279	1279-34	613035	6234723	Lake Run	1500	1287	1287-44	611660	6235498	L2	
1334	1334-145	612995	6234534	Lake Run	1700	1334	1334-87	617155	6234116		
1334	1334-144	612992	6234446	Lake Run	1800	1334	1334-148	617350	6234015		
1334	1334-139	612959	6234360	Lake Run	1900	1334	1334-149	617385	6233991		
1334	1334-140	612962	6234272	Lake Run	2000	1334	1334-150	617403	6233612		
1334	1334-142	612980	6234181	Lake Run	2100	1334	1334-151	617450	6233611		
1334	1334-141	612970	6234090	Lake Run	2200	1334	1334-154	617450	6233953		
1334	1334-143	612994	6233985	Lake Run	2300	1334	1334-152	617550	6233865		
1334	1334-138	613036	6233936	Lake Run	2400	1334	1334-153	617563	6234032		
1334	1334-146	613102	6233870	Lake Run	2500	1326	1326-58	617291	6233508		
1334	1334-147	613160	6233766	Lake Run	2600	1326	1326-68	617386	6233646		
1334	1334-103	613116	6233839	Lake Run	2700	1334	1334-75	617346	6233595		
1334	1334-102	613013	6233882	Lake Run	2800	1334	1334-74	617450	6233600		
1334	1334-105	612936	6233961	Lake Run	2900						
1334	1334-106	612860	6233946	Lake Run	3000						
1334	1334-108	612768	6233932	Lake Run	3100						
1334	1334-112	612697	6233894	Lake Run	3200						
1334	1334-110	612684	6233872	Lake Run	3300						
1334	1334-109	612568	6233798	Lake Run	3400						
1334	1334-107	612465	6233776	Lake Run	3500						
1334	1334-54	616764	6231406	Last Ck	0						
1334	1334-55	616724	6231328	Last Ck	100						
1334	1334-56	616648	6231261	Last Ck	200						

APPENDIX 2: ROCK GEOCHEMISTRY

2007 Spring Rock Sampling Summary

Sample	Rock Type	Texture	Notes	Sulphides	HCL	m width	Map_X	Map_Y	ppm Ag	% Cu	ppm Cu	ppm Pb	ppm Zn
127251	Limestone	micritic	Malachite present		Y	1.5	612745	6234691	11.4	0.41	4231	-2	6
127252	Limestone	micritic	Malachite present		Y	1.5	612745	6234691	7.8	0.28	2621	6	17
127253	Limestone	micritic	Malachite present		Y	2	612754	6234696	30.0	1.06	10000	-2	15
127254	Limestone	micritic	Malachite present		Y	grab	612710	6234673	13.7	0.64	6124	-2	2
127255	Limestone	micritic	Malachite present	Cpy	Y	grab	612677	6234498	2.0	0.35	3369	4	12
127256	Limestone	micritic	Malachite present	Cpy	Y	grab	612647	6234485	1.1	0.38	4099	-2	8
127257	tuff			Py,tr Cpy	Y	grab	612556	6234860	-0.2	0.01	22	22	271
127258	tuff-lava		Mal along shears			grab	617418	6233495	8.0	0.09	923	44	7
127259	tuff		Mal along fract's			grab	617412	6233512	18.8	0.29	2952	104	4
127260	lava		Mal along fract's	Cpy		grab	617404	6233495	0.2	0.02	178	10	56
127261	volc.		talus-mal in qtz stringer			grab	617421	6233950	-0.2	0.08	769	42	39
127262	volc.		talus-mal in qtz stringer			grab	617406	6233949	0.2	0.26	2714	66	7
127263	volc.		talus-mal in qtz stringer			grab	617390	6233957	0.2	0.22	2342	34	30
127264	volc.		talus-mal in qtz stringer			grab	617395	6233947	1.0	0.18	1847	42	20
126265	Limestone	micritic	Malachite present	Cpy		grab	612732	6234614	3.3	0.35	3523	18	-1
127266	volc-bx		talus-mal. Present	tetra		grab	614378	6235938					
127267	lava			Py		grab	615150	6234572	-0.2	0.03	270	40	70
40851	lava		blank			grab	613045	6236169	-0.2	0.01	3	24	245
40852	qtz-Ep		blank-sheared rk			grab	613010	6236137	-0.2	0.01	4	22	107

ECO TECH LABORATORY LTD.

10041 Dallas Drive
KAMLOOPS, B.C.
 V2C 6T4

ICP MS CERTIFICATE OF ANALYSIS AK 2007- 782

Appleton Exploration Inc.
 550-580 Hornby St.
Vancouver, B.C.
 V2B 3B6

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 1
Sample Type: Rock
Project: Sping
Submitted by: Tim Henneberry

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	290185	1 >30	0.03	53.2	498.6	<0.02	30.09	0.11	0.5	4.9	<10000	0.22	1.7	0.02	8.8	0.03	4629	8.31	0.032	1.1	296.9	2.80	0.18	1.7	0.5	90.0	<0.02	0.1	0.001	0.18	0.7	17	0.1	5.6	

QC DATA:

Resplits:

1	290185	<1 >30	0.02	49.6	535.9	<0.02	27.09	0.09	0.5	4.0	<10000	0.18	1.4	0.02	7.9	0.02	4271	7.96	0.030	0.8	264.7	2.70	0.14	1.4	0.3	87.2	0.03	0.1	<0.001	0.12	0.7	14	<0.01	4.8
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Standard:

Till-3		1.4	1.01	76.7	33.5	0.26	0.40	0.09	10.3	57.8	19.84	1.90	4.0	0.06	12.8	0.55	283	0.57	0.044	30.7	412.5	22.01	0.66	2.7	0.4	14.6	<0.02	1.3	0.041	0.05	1.0	39	0.1	37.8
SE29	610																																	

ECO TECH LABORATORY LTD.

Jutta Jealouse
 B.C. Certified Assayer

JJ/bp/jl
 df/841-782-794im
 XLS/07

CERTIFICATE OF ASSAY AK 2007- 782

Appleton Exploration Inc.

550-580 Hornby St.

Vancouver, B.C.

V2B 3B6

18-Jul-07

No. of samples received: 1

Sample Type: Rock

Project: Sping

Submitted by: Tim Henneberry

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	Cu (%)
1	290185	53.6	1.563	1.080

QC DATA:

Resplit:

1	290185	51.6	1.505	0.96
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Standard:

Pb113	22.6	0.659	0.47
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JJ/jl
XLS/07

ECO TECH LABORATORY LTD.

Jutta Jealous

B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2007- 1278

Appleton Exploration Inc.

550-580 Hornby St.

Vancouver, B.C.

V2B 3B6

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 19

Sample Type: Rock

Project: Sping

Submitted by: S. B. Butrenchuk

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
1	1257251	5	11.4	0.06	45	215	<5	>10	<1	<1	8	4231	0.15	<10	0.06	4208	<1	0.01	<1	<10	<2	10	<20	101	0.02	<10	8	<10	<1	6	
2	1257252	20	7.8	0.17	50	1320	<5	>10	<1	<1	9	2621	0.30	<10	0.14	3593	2	<0.01	4	50	6	10	<20	139	0.05	<10	16	<10	4	17	
3	1257253	<5	>30	<0.01	25	315	<5	>10	<1	<1	5	>10000	0.14	<10	0.02	3787	1	<0.01	<1	<10	<2	10	<20	180	<0.01	<10	12	<10	3	15	
4	1257254	5	13.7	0.04	20	195	<5	>10	<1	<1	5	6124	0.19	<10	0.02	3104	2	<0.01	<1	90	<2	10	<20	53	<0.01	<10	14	<10	4	2	
5	1257255	<5	2.0	<0.01	25	315	<5	>10	<1	<1	4	3369	0.32	<10	0.02	2981	1	<0.01	<1	60	4	15	<20	275	<0.01	<10	5	<10	3	12	
6	1257256	25	1.1	0.02	20	205	<5	>10	<1	<1	5	4099	0.37	<10	0.01	3730	<1	<0.01	<1	80	<2	<5	<20	95	0.02	<10	4	<10	3	8	
7	1257257	5	<0.2	1.91	15	75	<5	3.28	2	24	89	22	4.89	<10	2.92	2699	11	0.04	58	970	22	40	<20	73	0.05	<10	172	<10	6	271	
8	1257258	5	8.0	0.30	15	670	<5	0.20	<1	<1	164	923	0.57	<10	0.10	374	4	0.08	5	230	44	<5	<20	18	<0.01	<10	15	<10	8	7	
9	1257259	5	18.8	0.29	15	1035	<5	1.01	<1	<1	156	2952	0.56	<10	0.09	307	4	0.07	4	180	104	<5	<20	34	<0.01	<10	13	<10	9	4	
10	1257260	<5	0.2	0.90	5	175	<5	0.45	<1	8	79	178	3.17	<10	0.59	651	3	0.06	6	440	10	<5	<20	<1	0.05	<10	38	<10	11	56	
11	1257261	<5	<0.2	3.97	45	45	<5	5.26	<1	23	72	769	3.98	<10	1.04	558	4	0.06	36	740	42	15	<20	24	0.15	<10	162	<10	7	39	
12	1257262	<5	0.2	6.19	80	<5	<5	9.47	<1	9	69	2714	2.07	<10	0.32	296	11	0.01	16	470	66	35	<20	8	0.09	<10	155	<10	7	7	
13	1257263	<5	0.2	3.27	35	45	<5	5.60	<1	25	52	2342	3.91	<10	1.33	609	5	0.08	34	660	34	20	<20	40	0.20	<10	137	<10	7	30	
14	1257264	<5	1.0	3.75	45	25	<5	8.42	<1	18	61	1847	2.51	<10	0.78	813	9	0.03	27	440	42	30	<20	40	0.12	<10	120	<10	7	20	
15	1257265	<5	3.3	0.05	25	220	<5	>10	<1	8	7	3523	0.65	<10	0.02	2994	<1	0.01	<1	160	18	<5	<20	138	0.06	<10	8	<10	7	<1	
16	1257267	5	<0.2	3.14	20	80	25	2.93	2	40	22	270	7.05	<10	1.75	1397	12	0.06	21	1490	40	40	<20	43	0.19	<10	278	<10	6	70	
17	40851	5	<0.2	2.65	<5	80	10	1.48	3	29	46	3	5.67	10	3.15	4141	10	0.05	29	1660	24	40	<20	10	0.20	<10	144	<10	8	245	
18	40852	<5	<0.2	1.51	25	<5	15	2.17	<1	10	111	4	1.51	<10	0.52	858	5	0.01	13	590	22	15	<20	804	0.16	<10	89	<10	4	107	
19	409901	<5	<0.2	0.18	<5	135	5	0.02	<1	<1	73	2	1.09	<10	<0.01	85	4	0.07	2	140	4	<5	<20	<1	0.02	<10	8	<10	2	8	
QC DATA:																															
Repeat:																															
1	1257251	<5	11.6	0.07	50	220	<5	>10	<1	<1	10	4228	0.18	10	0.07	4212	<1	0.02	<1	<10	<2	5	<20	106	0.02	<10	9	<10	<1	8	
Resplit:																															
1	1257251	<5	10.3	0.06	45	230	<5	>10	<1	<1	9	4178	0.14	10	0.06	4399	<1	0.01	1	<10	2	10	<20	106	<0.01	<10	10	<10	<1	6	
Standard:																															
Pb113			11.8	0.28	45	50	<5	1.72	36	3	6	2221	1.10	<10	0.12	1475	70	0.02	2	80	5546	15	<20	73	<0.01	<10	10	10	<1	7019	
OXE56		610																													

CERTIFICATE OF ASSAY AK 2007-1278

Appleton Exploration Inc.
550-580 Hornby St.
Vancouver, B.C.
V2B 3B6

26-Sep-07

No. of samples received: 19

Sample Type: Rock

Project: Sping

Submitted by: S. B. Butrenchuk

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	Cu (%)
1	1257251			0.41
2	1257252			0.28
3	1257253	52.0	1.52	1.06
4	1257254			0.64
5	1257255			0.35
6	1257256			0.38
7	1257257			<0.01
8	1257258			0.09
9	1257259			0.29
10	1257260			0.02
11	1257261			0.08
12	1257262			0.26
13	1257263			0.22
14	1257264			0.18
15	1257265			0.35
16	1257267			0.03
17	40851			<0.01
18	40852			<0.01
19	409901			<0.01

QC DATA:

Repeat:

1	1257251			0.42
10	1257260			0.02

Resplit:

1	1257251			0.36
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Standard:

Cu120	34.0	0.99	1.51
Pb113	22.0	0.64	

JJ/sa
XLS/07

ECO TECH LABORATORY LTD.

Jutta Jealouse
B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2007- 1279

Appleton Exploration Inc.

550-580 Hornby St.

Vancouver, B.C.

V2B 3B6

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 83

Sample Type: Soil

Submitted by: S. B. Butrenchuk

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	L3-1 613572-6236565	2	0.16	1.94	9.9	143.5	0.10	0.23	0.40	14.7	34.0	36.0	4.05	6.4	45	0.03	8.5	0.75	1117	1.07	0.029	44.5	879	13.57	0.04	0.20	6.3	0.9	10.5	<0.02	3.4	0.004	0.10	0.3	48	<0.1	101.6
2	L3-2 613521-6236476	3	0.16	1.96	16.7	196.0	0.12	0.42	0.53	17.1	37.0	37.1	4.51	6.8	75	0.07	9.0	0.84	1308	1.38	0.032	47.6	1107	14.87	0.06	0.58	6.3	0.9	19.0	<0.02	2.7	0.009	0.10	0.3	58	<0.1	114.9
3	L3-3 613449-6236409	2	0.14	2.00	10.8	164.5	0.12	0.40	0.44	15.6	39.5	35.7	4.52	7.0	40	0.05	9.0	0.86	1007	1.14	0.030	49.7	923	13.16	0.04	0.42	7.2	0.9	19.5	0.02	2.4	0.011	0.08	0.3	60	<0.1	109.2
4	L3-4 613371-6236324	2	0.12	1.64	8.6	175.0	0.10	0.37	0.34	14.3	28.5	28.9	3.83	6.0	35	0.06	7.5	0.75	1137	0.91	0.031	33.2	896	12.57	0.06	0.36	3.1	0.7	17.5	0.04	1.5	0.011	0.06	0.4	56	<0.1	91.7
5	L3-5 613280-6236287	1	0.20	1.99	7.4	183.5	0.12	0.36	0.31	16.3	29.0	30.1	4.77	7.2	40	0.08	8.0	0.89	1346	0.87	0.032	29.9	1020	12.43	0.06	0.26	2.6	0.6	16.5	0.02	1.1	0.013	0.06	0.6	72	<0.1	105.1
6	L3-6 613189-6236286	2	0.40	2.78	22.6	92.0	0.14	0.32	0.25	16.0	50.0	21.4	5.19	9.6	50	0.13	6.0	0.95	1780	1.26	0.032	34.9	1832	11.15	0.10	0.30	9.0	0.8	15.0	<0.02	1.5	0.009	0.06	1.6	100	<0.1	152.8
7	L3-7 613111-6236237	1	0.24	2.12	15.3	71.5	0.10	0.85	0.38	14.3	45.5	17.3	3.57	7.0	65	0.06	3.5	0.83	2085	1.06	0.034	29.7	1727	9.49	0.10	0.08	10.9	0.7	37.0	<0.02	1.3	0.004	0.06	1.9	70	<0.1	122.5
8	L3-8 613045-6236169	2	0.08	1.97	9.4	183.5	0.10	0.22	0.21	14.5	32.0	36.3	4.16	6.8	35	0.04	8.5	0.82	851	0.93	0.031	30.8	617	10.90	0.04	0.36	5.4	0.9	9.5	0.02	0.9	0.011	0.06	0.7	66	<0.1	91.9
9	L3-9 612986-6236095	1	0.12	1.30	5.7	133.5	0.08	0.37	0.19	11.5	20.5	20.8	3.14	4.9	30	0.07	5.0	0.63	1124	0.54	0.030	20.9	686	9.63	0.04	0.08	3.1	0.4	12.0	<0.02	0.7	0.013	0.04	0.6	54	<0.1	84.0
10	L3-10 612425-6236039	1	0.22	2.41	9.5	109.5	0.18	0.14	0.27	6.5	28.5	13.3	5.05	10.3	45	0.05	5.0	0.41	367	1.16	0.033	19.8	2484	13.59	0.04	0.46	4.5	0.3	9.0	0.02	1.3	0.005	0.08	0.3	86	<0.1	84.7
11	E0617674-N6233600	1	0.14	2.20	9.6	74.0	0.08	0.20	0.17	14.4	31.5	19.6	3.68	5.9	30	0.03	6.0	0.96	1197	0.40	0.030	34.4	790	11.21	0.04	0.12	5.2	0.6	8.0	<0.02	1.0	0.007	0.04	0.3	54	<0.1	140.8
12	E0617674-N6233701	3	0.20	2.84	12.3	65.5	0.12	0.51	0.11	12.5	35.0	27.5	4.40	8.2	20	0.05	28.5	0.87	695	0.55	0.035	15.7	2514	9.37	0.12	0.16	12.8	1.9	19.0	<0.02	2.1	0.005	0.08	3.2	134	<0.1	99.9
13	E0617675-N6233250	<1	<0.02	<0.01	1.8	<0.5	<0.02	<0.01	<0.01	1.0	<0.5	0.1	<0.1	<0.1	<5	<0.01	<0.5	<0.01	<1	0.01	0.019	<0.1	4	1.30	<0.02	<0.02	0.1	<0.1	<0.5	100.00	<0.1	0.005	<0.02	<0.1	<2	<0.1	0.1
14	E0617675-N6233651	1	0.08	2.46	6.6	176.0	0.08	0.34	0.12	17.8	21.0	38.4	5.09	6.9	20	0.04	16.0	0.92	1266	0.46	0.035	14.8	1116	8.54	0.04	0.12	8.7	0.9	12.5	<0.02	1.7	0.002	0.08	1.6	128	<0.1	85.8
15	E0617675-N6233750	1	0.18	1.92	4.8	110.0	0.14	0.55	0.08	8.8	18.5	16.2	3.66	5.8	20	0.06	8.5	0.59	467	0.60	0.030	9.4	1343	9.30	0.08	0.02	3.7	0.5	25.0	<0.02	1.2	0.004	0.06	1.4	112	<0.1	63.9
16	E0617676-N6233807	2	0.46	2.77	9.3	243.0	0.14	0.43	0.25	11.6	38.0	25.1	4.17	7.8	70	0.07	7.5	0.58	1855	0.99	0.036	24.5	1584	14.36	0.06	0.42	4.8	0.9	24.0	<0.02	1.1	0.006	0.16	0.8	84	<0.1	136.9
17	E0617676-N6233807B	140	0.94	1.80	29.3	75.5	0.22	4.37	2.67	19.6	25.5	1124.8	5.39	5.2	100	0.24	4.0	1.84	814	16.68	0.058	31.1	1190	36.55	0.82	16.56	6.2	2.7	131.5	0.06	1.4	0.007	0.08	0.3	118	<0.1	85.5
18	614041-6235601	3	0.18	3.07	25.4	205.5	0.12	0.65	0.25	25.2	86.0	18.7	5.87	12.2	50	0.05	10.5	1.93	3363	0.77	0.036	46.8	1593	14.49	0.10	0.36	10.0	1.1	24.0	0.02	1.1	0.031	0.06	5.8	204	<0.1	177.7
19	613940-6235568	2	0.20	3.44	30.0	207.5	0.16	0.84	0.36	23.8	85.5	25.7	5.49	13.2	45	0.04	8.0	1.66	3441	0.85	0.036	38.9	1604	17.96	0.08	0.30	11.7	0.8	33.5	<0.02	1.4	0.007	0.08	5.9	224	<0.1	205.5
20	613858-6235529	1	0.34	2.24	9.7	294.0	0.14	0.32	0.25	10.0	43.5	15.8	5.32	8.8	40	0.04	4.5	0.77	663	0.97	0.034	28.8	1166	11.95	0.06	0.38	3.1	0.3	15.5	0.02	0.5	0.010	0.04	0.4	102	<0.1	107.4
21	613763-6235505	1	0.14	3.14	8.5	67.0	0.12	0.07	0.20	9.7	50.0	12.9	5.24	8.9	60	0.03	4.5	0.73	800	1.09	0.032	31.4	1432	10.25	0.06	0.34	4.9	0.3	5.0	0.04	1.0	0.012	0.04	0.4	92	<0.1	110.1
22	613763-6235505B	574	2.40	1.37	48.9	37.0	0.56	4.26	2.68	22.6	32.0	4617.0	5.90	6.9	435	0.24	8.5	1.72	763	44.47	0.123	22.8	1250	37.43	2.50	10.08	11.5	10.1	163.5	0.28	1.5	0.003	0.16	0.5	112	<0.1	135.3
23	613667-6235465	7	0.16	3.02	10.3	105.0	0.10	0.08	0.21	11.0	38.0	17.5	4.40	6.4	55	0.03	4.0	0.78	457	1.09	0.031	38.6	494	10.40	0.06	0.40	5.6	0.4	5.5	0.02	1.0	0.003	0.06	0.2	64	<0.1	84.7
24	613590-6235403	3	0.14	1.98	7.0	111.5	0.14	0.08	0.15	7.3	32.0	11.7	3.93	7.8	35	0.03	4.5	0.50	419	0.89	0.029	23.2	1197	9.18	0.04	0.34	4.2	0.2	6.0	0.04	0.9	0.005	0.06	0.2	72	<0.1	70.0
25	613526-6235336	1	0.24	2.23	8.3	104.5	0.14	0.08	0.40	7.1	39.0	13.2	4.81	8.3	40	0.04	3.5	0.49	351	1.13	0.029	26.9	2019	11.44	0.04	0.46	3.9	0.3	5.0	<0.02	0.9	0.006	0.04	0.2	76	<0.1	107.1
26	613432-6235311	1	0.28	2.14	9.3	157.0	0.12	0.25	0.33	10.0	33.5	16.2	4.26	7.2	40	0.05	4.5	0.55	513	1.02	0.031	28.6	1510	11.78	0.04	0.38	4.3	0.3	12.0	<0.02	0.8	0.002	0.06	0.2	66	<0.1	91.0
27	613377-6235213	1	0.36	1.96	7.8	94.5	0.10	0.08	0.26	9.5	46.5	18.4	3.78	6.2	40	0.02	2.5	0.61	473	0.74	0.028	30.4	805	9.99	0.04	0.20	4.1	0.2	5.0	<0.02	0.7	0.001	0.04	0.2	74	<0.1	102.6
28	613360-6235120	1	0.12	3.05	8.1	169.5	0.10	0.80	0.19	30.7	125.0	24.9	6.50	12.0	30	0.03	8.5	3.38	3414	0.53	0.036	75.6	956	18.86	0.06	0.32	13.6	0.5	19.0	<0.02	1.0	0.084	0.02	0.7	168	<0.1	253.8
29	613312-6235028	<1	0.16	1.73	4.7	266.5	0.08	0.86	0.24	23.0	85.0	18.0	5.01	8.7	35	0.04	4.5	1.98	3008	0.40	0.029	47.2	506	16.67	0.06	0.20	6.6	0.3	20.0	<0.02	0.5	0.060	<0.02	0.4	130	<0.1	195.0
30	613262-6234963	1																																			

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
31	613200-6234907	1	0.18	2.45	5.2	190.5	0.06	1.31	0.25	28.8	121.5	22.7	6.01	10.7	30	0.03	9.0	3.39	3363	0.40	0.037	75.1	716	16.69	0.06	0.16	11.9	0.5	30.0	<0.02	1.0	0.062	<0.02	0.6	148	<0.1	240.1
32	613178-6234810	1	0.14	2.28	6.5	121.0	0.08	0.53	0.26	23.8	92.5	23.1	5.50	8.9	25	0.03	6.5	2.15	2429	0.61	0.033	55.5	759	15.99	0.08	0.14	10.6	0.5	12.0	<0.02	0.9	0.063	0.02	0.6	138	<0.1	190.4
33	613106-6234771	<1	0.32	2.05	4.3	287.0	0.10	0.57	0.56	15.8	43.0	21.5	3.76	9.0	35	0.04	6.5	1.49	1339	0.33	0.031	42.0	297	16.19	0.06	0.08	4.3	0.4	24.0	<0.02	0.3	0.003	<0.02	0.8	74	<0.1	176.6
34	613035-6234723	<1	0.22	0.56	5.6	78.0	0.10	0.05	0.14	3.5	8.5	9.3	1.87	4.1	15	0.03	3.5	0.08	132	0.66	0.025	11.7	323	6.10	0.04	0.34	1.1	0.1	5.0	<0.02	0.2	0.004	0.04	0.1	54	<0.1	27.2
35	E0614976-N6234081	<1	0.08	0.18	1.3	37.5	<0.02	1.47	0.18	1.6	4.5	8.9	0.35	0.7	30	0.01	1.0	0.10	272	0.46	0.019	3.2	354	2.65	0.10	0.14	0.4	1.1	40.0	<0.02	<0.1	0.003	<0.02	0.3	12	<0.1	17.0
36	E0614862-N6233997	<1	0.42	1.86	6.4	43.0	0.08	0.36	0.29	7.8	32.0	18.7	3.27	5.9	50	0.03	8.5	0.50	718	1.92	0.034	20.5	909	8.92	0.08	0.10	3.2	1.2	13.5	0.02	0.5	0.014	0.06	0.4	60	<0.1	72.5
37	E0614785-N6233932	3	0.20	1.24	3.8	11.0	0.04	0.13	0.70	4.4	17.0	13.8	1.44	3.4	40	0.03	5.0	0.24	336	1.04	0.030	14.5	560	4.74	0.06	0.06	2.4	0.7	6.0	<0.02	0.4	0.001	0.04	0.3	28	<0.1	53.5
38	E0614727-N6233863	1	0.14	1.06	5.7	143.0	0.12	0.19	0.80	3.9	15.0	10.3	1.90	4.9	20	0.04	3.0	0.18	322	0.79	0.034	11.1	875	6.63	0.04	0.26	1.1	0.2	9.0	0.02	0.2	0.003	0.04	<0.1	40	<0.1	58.1
39	E0614615-N6233834	1	0.14	1.07	5.6	142.0	0.12	0.18	0.79	3.8	15.0	10.1	1.88	4.8	20	0.04	3.0	0.18	321	0.78	0.032	10.9	878	6.49	0.06	0.26	0.8	0.2	9.0	0.02	0.2	0.003	0.04	<0.1	40	<0.1	56.9
40	E0614512-N6233805	1	0.98	2.16	6.7	219.5	0.08	0.69	0.53	11.8	22.5	44.9	2.97	5.0	60	0.08	9.5	0.47	491	0.94	0.035	29.3	1252	10.41	0.10	0.24	3.9	0.9	34.0	0.04	0.7	0.004	0.04	0.4	44	<0.1	70.7
41	E0614380-N6233716	1	0.80	1.10	3.6	201.5	0.04	2.95	0.65	4.4	11.0	32.0	1.15	2.3	150	0.05	10.0	0.23	555	1.55	0.044	15.9	1508	4.10	0.22	0.24	2.7	1.1	370.5	0.06	0.5	0.002	0.06	0.4	14	<0.1	39.4
42	E0613818-N6234310	<1	0.28	0.11	2.1	178.5	0.02	0.46	0.37	1.3	1.5	21.1	0.16	0.2	105	0.03	1.5	0.04	159	0.44	0.036	12.3	798	3.08	0.20	0.06	0.3	0.1	21.5	<0.02	<0.1	0.001	<0.02	<0.1	2	<0.1	55.3
43	E0613709-N6234257	1	0.34	1.79	11.8	175.0	0.08	1.39	0.60	9.6	58.0	41.0	3.07	5.4	80	0.05	11.0	0.68	970	0.85	0.039	28.9	1175	9.06	0.12	0.30	6.1	3.0	49.0	0.02	0.9	0.011	0.06	0.6	92	<0.1	90.5
44	E0613626-N6234193	1	0.22	0.93	7.8	209.0	0.12	0.49	0.23	7.8	18.5	15.6	2.75	4.3	25	0.07	3.5	0.18	1201	0.96	0.031	11.5	856	10.24	0.06	0.34	1.1	0.2	28.0	0.04	0.3	0.004	0.02	0.2	56	<0.1	59.0
45	E0613502-N6234136	1	0.34	0.76	4.4	283.0	0.04	2.48	1.00	4.0	20.5	20.4	1.09	1.7	135	0.05	7.0	0.25	648	0.48	0.048	12.2	1102	5.22	0.18	0.20	2.1	1.4	94.0	0.02	0.3	0.004	0.04	0.2	26	<0.1	35.3
46	E0613404-N6234081	<1	0.14	0.44	4.2	68.0	0.04	0.11	0.18	1.4	7.0	5.4	0.91	2.6	10	0.02	2.0	0.08	63	0.56	0.030	4.6	316	3.87	0.02	0.10	0.9	0.1	7.5	<0.02	<0.1	0.001	0.02	<0.1	24	<0.1	23.7
47	E0613307-N6234071	<1	0.30	0.80	5.2	94.0	0.06	0.07	0.15	2.6	12.5	13.0	1.78	2.6	25	0.02	1.5	0.19	175	0.55	0.024	10.2	400	6.65	<0.02	0.22	1.6	<0.1	5.0	<0.02	0.3	0.001	0.02	<0.1	28	<0.1	35.0
48	E0613192-N6234003	<1	0.24	0.27	2.7	122.0	0.04	0.08	0.28	2.3	3.5	13.5	0.99	1.4	10	0.01	1.5	0.05	226	0.47	0.022	2.7	193	4.06	<0.02	0.02	0.6	<0.1	5.5	<0.02	0.1	0.001	<0.02	<0.1	18	<0.1	28.5
49	E0613192-N6234003B	555	2.60	1.33	45.1	49.5	0.56	4.33	2.29	20.5	34.0	4594.0	5.98	6.0	415	0.29	8.0	1.70	852	44.10	0.128	21.1	1105	38.19	2.86	9.62	11.3	10.2	169.5	0.30	1.6	0.003	0.18	0.5	106	<0.1	146.7
50	E0613100-N6223972	5	0.20	1.42	3.7	194.5	0.06	1.27	0.95	15.6	62.0	19.7	2.77	5.2	105	0.04	5.5	1.66	1374	0.66	0.028	41.7	663	11.18	0.08	0.22	6.6	0.5	49.5	<0.02	0.7	0.042	0.02	0.5	72	<0.1	163.5
51	E0615252-N6234269	1	0.22	1.53	4.5	23.5	0.08	0.30	0.18	9.1	14.0	17.6	2.75	5.4	20	0.03	8.0	0.32	1010	1.01	0.025	10.6	872	10.04	0.02	0.24	4.6	0.5	11.0	<0.02	0.8	0.002	0.04	0.2	58	<0.1	63.5
52	E0615252-N6234269B	150	0.94	1.87	33.3	79.0	0.24	4.23	2.55	19.9	20.0	1054.3	4.72	5.7	115	0.21	1.8	1.37	793	13.32	0.056	30.9	1105	31.67	0.70	20.60	6.8	2.9	144.5	0.10	0.8	0.012	0.14	0.5	120	<0.1	86.3
53	E0614377-N6233573	2	0.12	0.31	1.9	23.0	0.04	0.02	0.03	0.5	2.0	1.9	0.23	2.0	10	<0.01	1.5	0.02	15	0.14	0.021	1.0	64	2.76	<0.02	0.04	0.4	<0.1	2.0	<0.02	<0.1	0.001	0.02	<0.1	8	<0.1	6.6
54	E0615106-N6234201	1	0.16	1.90	5.5	106.0	0.08	0.24	0.21	11.0	24.5	23.6	3.52	5.9	25	0.03	5.0	0.77	788	0.84	0.027	22.6	663	10.48	0.04	0.28	3.3	0.3	10.0	0.04	0.7	0.010	0.02	0.3	74	<0.1	101.1
55	E0615035-N6234080	2	0.26	2.10	5.6	120.0	0.08	0.17	0.29	13.6	19.5	35.4	3.96	6.5	35	0.03	5.5	0.73	1061	0.92	0.031	20.2	770	14.43	0.04	0.28	4.6	0.4	10.5	0.04	0.8	0.009	0.04	0.3	82	<0.1	88.9
56	E0615170-N6234248	1	0.12	1.83	5.0	113.5	0.06	0.28	0.20	10.8	15.5	28.0	3.52	5.6	25	0.04	3.5	0.58	862	0.64	0.031	14.6	1439	12.88	0.04	0.20	3.5	0.2	13.5	<0.02	0.8	0.014	0.02	0.2	76	<0.1	76.9
57	L3-11 612865-6235965	<1	0.06	1.80	8.1	87.5	0.12	0.06	0.23	5.2	24.0	9.7	4.11	7.5	40	0.03	3.5	0.33	216	0.93	0.029	17.1	1447	8.59	0.02	0.42	3.1	0.2	4.5	0.02	0.5	0.003	0.04	0.2	66	<0.1	69.3
58	L3-12 612806-6235901	1	0.14	1.93	9.4	122.5	0.10	0.12	0.27	5.7	26.5	12.4	4.63	7.2	25	0.03	2.5	0.39	230	1.59	0.029	19.8	719	8.10	0.04	0.44	3.3	0.2	7.0	0.04	0.6	0.002	0.04	0.2	66	<0.1	74.8
59	L3-13 612732-6235838	<1	0.06	0.95	7.0	75.0	0.12	0.10	0.17	3.7	14.5	10.1	2.49	6.1	20	0.03	3.5	0.18	151	0.85	0.026	11.3	791	6.88	<0.02	0.38	1.0	0.2	7.0	0.02	0.2	0.003	0.04	0.2	50	<0.1	43.9
60	L3-14 612669-6235778	<1	0.04	1.71	7.7	105.5	0.10	0.10	0.13	8.5	30.0	18.0	3.58	5.4	15	0.02	3.0	0.56	346	0.90	0.027	29.7	368	8.24	0.02	0.40	3.9	0.2	5.0	0.02	0.4	0.003	0.04	0.1	56	<0.1	65.7
61	L3-15 612642-6235704	1	0.36	2.35	7.9	308.5	0.10	0.86	0.51	9.7	27.5	24.5	3.26	5.4	60	0.05	10.5	0.52	994	0.80	0.032	34.5	1531	8.87	0.10	0.16	6.8	1.0	29.5	0.04	0.7	0.001	0.06	0.3	46	<0.1	100.9
62	L3-16 612629-6235609	<1	0.16	0.96	4.2	126.0	0.10	0.21	0.39	5.2	11.0	8.4	1.98	3.5	25	0.03	5.5	0.16	312	0.57	0.027	9.8	427	6.59	0.04	0.08	2.0	0.4	7.5	<0.02	0.3	0.003	0.02	0.1	36	<0.1	54.7
63	L3-17 612626-6235517	<1	0.24	0.32	2.8	102.5	<0.02	3.55	0.24	2.2	2.5	4.2	0.30	0.6	85	0.02	1.0	0.13	29	0.63	0.033	5.6	527	2.56	0.16	0.08	0.6	0.4	181.5	0.02	0.1	0.005	<0.02	<0.1	6	<0.1	5.3
64	L3-18 612583-6235420	<1	0.18	1.39	9.0	100.5	0.14	0.14	0.38	5.1	25.5	15.6	3.97	5.6	30	0.03	2.5	0.30	247	1.33	0.025	19.9	710	12.00	0.02	0.42	2.3	0.2	10.5	0.04	0.5	0.004	0.04	0.1	54	<0.1	

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
76	L3-29 611584-6234717	1	0.16	1.51	12.6	162.5	0.10	0.24	0.75	10.6	27.5	20.4	4.29	5.8	25	0.06	3.0	0.45	861	1.51	0.026	26.7	1726	10.84	0.02	0.62	3.8	0.4	17.0	0.02	0.4	0.004	0.06	0.1	62	<0.1	146.0
77	L3-30 611588-6234607	<1	0.28	1.04	9.6	182.0	0.14	0.32	0.98	8.8	17.0	12.5	3.43	4.6	20	0.05	3.0	0.18	581	1.19	0.026	14.9	1148	10.23	0.04	0.14	2.4	0.2	23.0	0.02	0.3	0.004	0.04	0.1	54	<0.1	106.1
78	L3-31 611603-6234504	1	0.22	2.18	16.5	118.5	0.10	0.23	0.36	11.5	31.5	36.6	5.01	6.0	40	0.04	4.5	0.75	598	1.78	0.028	43.1	718	11.03	0.04	0.74	7.4	0.8	15.5	0.02	0.7	0.003	0.08	0.2	62	<0.1	113.6
79	L3-32 611592-6234386	1	0.08	2.38	14.6	106.0	0.10	0.17	0.31	11.0	35.0	25.1	5.29	6.5	30	0.06	3.0	0.68	583	1.77	0.027	39.6	2140	12.08	0.04	0.64	6.5	0.4	11.0	0.02	0.7	0.002	0.06	0.2	68	<0.1	133.5
80	L3-33 611570-6234290	<1	0.16	2.70	9.1	107.0	0.10	0.31	0.33	11.1	61.5	12.7	5.00	8.9	30	0.06	3.0	0.85	480	1.00	0.031	42.2	2004	7.03	0.04	0.36	5.4	0.3	15.5	0.04	0.5	0.007	0.04	0.1	82	<0.1	153.1
81	L3-34 611570-6234175	<1	0.12	1.83	12.1	117.5	0.10	0.16	0.23	8.0	26.5	17.3	4.21	6.0	20	0.05	3.5	0.42	350	1.46	0.026	24.9	1067	10.07	0.04	0.54	4.4	0.3	9.5	0.04	0.5	0.002	0.04	0.1	62	<0.1	102.5
82	L3-35 611506-6234093	1	0.14	1.93	16.7	158.0	0.12	0.45	0.50	16.0	26.5	39.2	4.74	5.8	60	0.05	7.5	0.67	1073	1.64	0.028	35.5	902	14.92	0.06	0.68	5.8	1.0	26.5	0.04	0.8	0.011	0.06	0.2	60	<0.1	125.6
83	L3-36 611546-6233997	1	0.24	1.61	16.0	82.0	0.08	0.57	0.74	13.5	24.5	24.9	4.47	5.3	55	0.05	7.0	0.68	1093	2.49	0.030	32.3	1077	14.47	0.12	0.60	7.8	1.2	29.0	0.02	0.7	0.009	0.08	0.2	56	<0.1	119.5

QC DATA:

Repeat:

1	L3-1 613572-6236565	1	0.14	2.00	9.4	134.5	0.10	0.23	0.37	14.5	34.0	35.6	4.03	6.5	40	0.03	8.5	0.78	1114	0.98	0.032	44.3	874	13.83	0.04	0.12	6.5	0.9	11.0	<0.02	1.2	0.003	0.06	0.3	42	<0.1	100.6
10	L3-10 612425-6236039	1	0.24	2.48	9.5	113.5	0.18	0.15	0.28	6.9	30.0	13.9	5.28	10.6	40	0.05	5.0	0.43	372	1.18	0.035	20.9	2464	13.06	0.04	0.12	4.5	0.3	9.5	0.04	1.0	0.004	0.08	0.3	90	<0.1	89.0
19	613940-6235568	2	0.16	3.34	28.2	201.0	0.12	0.80	0.34	20.3	81.5	24.8	5.31	11.2	40	0.03	7.5	1.60	3346	0.80	0.033	36.8	1535	16.84	0.10	0.28	10.3	0.6	31.0	<0.02	1.1	0.006	0.06	4.6	210	<0.1	197.6
28	613360-6235120	1	0.10	3.09	7.5	173.0	0.10	0.83	0.20	31.6	129.5	25.7	6.75	12.3	25	0.03	8.5	3.45	3508	0.50	0.038	77.8	930	20.66	0.06	0.31	13.6	0.5	20.0	<0.02	1.1	0.080	0.02	0.7	170	<0.1	262.0
36	E0614862-N6233997	1	0.38	1.80	4.9	40.5	0.06	0.34	0.27	6.0	29.5	17.1	3.17	4.4	45	0.02	6.5	0.47	694	1.84	0.031	36.0	884	7.77	0.06	0.10	2.8	0.8	12.5	<0.02	0.4	0.012	0.04	0.3	58	<0.1	69.6
54	E0615106-N6234201	1	0.16	1.95	5.8	110.0	0.08	0.26	0.21	11.5	25.5	24.2	3.64	6.3	25	0.03	5.0	0.80	814	0.80	0.028	23.6	674	10.77	0.04	0.28	3.7	0.3	10.5	0.04	0.7	0.012	0.04	0.3	76	<0.1	105.9
64	L3-18 612583-6235420	<1	0.16	1.35	7.6	95.0	0.12	0.13	0.35	4.5	23.5	13.6	3.84	4.8	25	0.02	2.5	0.26	235	1.10	0.022	17.2	687	10.54	<0.02	0.38	2.1	0.2	8.5	0.04	0.4	0.003	0.04	0.1	52	<0.1	77.6
71	L3-24 611999-6235021	2	0.74	2.54	9.9	341.0	0.12	0.89	0.77	13.4	32.5	58.0	4.18	6.2	125	0.05	23.5	0.52	1018	1.16	0.032	52.5	1742	19.48	0.11	0.36	9.5	2.2	76.5	0.04	1.2	0.003	0.08	0.4	50	<0.1	114.3

Standard:

Till - 3		1.54	1.10	84.4	38.4	0.30	0.62	0.09	10.1	63.8	20.31	2.08	4.7	108	0.08	15.1	0.62	323	0.67	0.055	32.4	451.1	16.57	0.02	0.65	3.5	0.8	17.6	0.10	2.8	0.048	0.07	1.2	36	<0.1	42.3	
Till - 3		1.40	1.11	85.1	39.0	0.30	0.59	0.09	10.2	64.6	20.33	2.10	4.8	109	0.08	15.4	0.63	325	0.65	0.050	32.8	454.7	15.60	0.02	0.64	3.5	0.8	17.5	0.09	2.8	0.048	0.07	1.2	37	<0.1	40.4	
Till - 3		1.50	1.09	84.7	39.8	0.29	0.59	0.10	10.0	64.4	21.63	2.09	4.8	110	0.08	15.4	0.62	325	0.65	0.051	32.0	457.9	16.01	0.02	0.69	3.5	0.8	17.9	0.07	2.8	0.051	0.07	1.1	37	<0.1	40.5	
Till - 3		1.60	1.03	86.3	40.5	0.29	0.61	0.09	10.1	64.6	21.20	2.12	4.9	113	0.08	15.4	0.63	327	0.66	0.050	32.4	452.2	17.20	0.02	0.65	3.6	0.8	18.9	0.11	2.8	0.051	0.07	1.2	37	<0.1	41.2	
Till - 3		1.54	1.11	79.7	38.3	0.29	0.60	0.10	9.4	63.5	19.24	2.01	4.8	105	0.08	15.3	0.62	303	0.64	0.046	30.4	444.3	16.94	0.02	0.61	3.4	0.7	16.2	0.08	2.5	0.044	0.06	1.2	34	<0.1	39.3	
SE29		594																																			
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ICP/ Au 30g Aqua Regia Digest/ ICP MS Finish

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ICP CERTIFICATE OF ANALYSIS AK 2007- 1287

Appleton Exploration Inc.

550-580 Hornby St.

Vancouver, B.C.

V2B 3B6

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 107

Sample Type: Soil

Project: Sping

Submitted by: S. B. Butrenchuk

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	E0611858-N6235650	1	0.42	2.08	10.9	193.5	0.12	0.55	0.62	13.0	29.0	38.7	3.99	5.8	55	0.04	8.5	0.55	753	1.29	0.031	44.7	926	11.67	0.08	0.30	13.9	1.6	41.5	0.02	23.2	0.002	0.10	0.3	54	0.1	114.2
2	N0611773-E6235601	1	0.18	1.80	11.2	221.5	0.10	0.24	0.28	14.3	26.5	25.1	4.13	5.7	25	0.08	4.0	0.49	916	1.38	0.030	33.9	869	11.72	0.06	0.44	9.1	0.6	18.5	0.04	12.9	0.003	0.08	0.2	60	<0.1	113.0
3	E0611682-N6235513	1	0.36	1.84	8.7	296.0	0.10	0.45	0.29	10.4	24.5	24.6	3.26	5.1	75	0.03	8.0	0.48	596	0.89	0.027	39.4	651	8.79	0.06	0.26	8.7	1.6	40.0	0.04	8.0	0.001	0.10	0.3	48	<0.1	88.2
4	E0611618-N6235451	<1	0.24	1.30	9.1	184.0	0.12	0.47	1.37	14.2	20.0	13.9	3.82	5.3	25	0.05	3.5	0.30	1098	0.90	0.029	23.6	683	12.79	0.06	0.44	5.8	0.4	38.5	0.04	6.5	0.002	0.08	0.1	52	<0.1	272.1
5	E0611486-N6235223	<1	0.24	0.59	5.1	122.0	0.12	0.27	0.36	2.4	7.0	10.5	1.04	3.7	10	0.06	6.5	0.12	128	0.55	0.023	6.9	269	6.77	0.04	0.08	1.5	0.3	21.0	<0.02	2.4	0.005	0.06	0.2	26	<0.1	37.5
6	E0611406-N6235169	<1	0.18	1.16	10.8	104.0	0.12	0.13	0.26	6.2	15.0	15.3	3.02	5.1	15	0.07	5.5	0.23	263	1.43	0.027	18.1	476	9.14	0.04	0.46	4.1	0.5	13.0	0.04	4.8	0.002	0.06	0.1	54	<0.1	65.7
7	E0611342-N6235116	1	0.40	1.81	13.5	144.0	0.12	0.54	0.72	12.2	24.0	30.0	4.08	5.8	45	0.05	8.5	0.53	656	1.50	0.028	42.9	727	11.22	0.06	0.54	8.1	1.8	44.0	0.04	5.7	0.003	0.10	0.3	52	<0.1	106.8
8	E0611286-N6234994	1	1.10	1.84	12.9	278.5	0.14	1.81	5.38	14.2	18.0	71.6	3.93	5.6	195	0.06	24.0	0.34	1354	2.49	0.036	73.4	1594	10.30	0.12	0.54	10.9	5.4	167.0	0.04	6.0	0.003	0.14	0.5	40	<0.1	173.4
9	E0611156-N6234967	<1	0.12	1.12	32.1	121.5	0.14	0.37	0.34	8.5	10.0	39.0	4.59	3.9	20	0.06	4.0	0.23	368	2.54	0.029	20.4	1027	10.49	0.04	0.90	7.5	1.2	36.0	0.06	2.9	0.001	0.10	0.1	38	<0.1	162.0
10	E0611045-N6234889	1	0.16	2.10	14.7	145.0	0.12	0.44	0.37	16.7	28.0	41.5	4.80	6.9	45	0.05	9.0	0.76	853	1.75	0.032	47.6	884	11.84	0.06	0.52	8.4	1.4	35.0	0.04	3.0	0.006	0.08	0.2	62	<0.1	133.1
11	E0610966-N6234795	<1	0.12	1.36	9.3	94.0	0.12	0.31	0.39	10.4	21.5	15.6	4.55	6.4	10	0.06	3.5	0.27	301	1.63	0.024	21.5	584	10.86	0.06	0.38	4.1	0.3	30.5	0.04	2.2	0.012	0.06	0.1	66	<0.1	138.7
12	E0610905-N6234750	<1	0.16	1.83	10.0	89.0	0.10	0.25	0.22	12.8	36.0	16.9	4.51	6.8	15	0.08	4.5	0.56	477	1.64	0.031	43.3	517	13.74	0.06	0.34	4.7	0.4	28.5	0.02	2.4	0.013	0.04	0.2	76	<0.1	92.6
13	E0610841-N6234631	1	0.70	2.12	9.7	155.0	0.14	1.38	2.21	17.2	26.0	56.0	3.97	6.6	55	0.07	16.0	0.34	879	1.09	0.042	75.6	817	11.15	0.10	0.44	8.9	2.9	121.0	0.04	3.3	0.007	0.12	0.3	50	<0.1	93.3
14	6235022-612532	<1	0.02	0.11	3.4	19.0	<0.02	0.03	0.12	0.8	1.5	1.9	0.41	0.8	5	<0.01	0.5	0.01	20	0.20	0.020	2.2	79	0.96	0.04	0.04	0.6	<0.1	3.0	<0.02	0.3	0.001	<0.02	<0.1	12	<0.1	11.3
15	0612515-6234902	<1	0.04	0.56	5.1	71.5	0.08	0.05	0.04	1.5	6.5	4.4	0.96	4.0	15	0.02	4.5	0.06	77	0.59	0.027	3.6	141	5.40	0.04	0.24	1.1	0.3	8.0	0.02	0.7	0.004	0.04	<0.1	40	<0.1	20.5
16	0612490-6234819	<1	0.26	1.72	15.2	141.0	0.14	0.28	0.63	20.5	32.5	28.4	5.51	8.4	15	0.05	4.0	0.52	1081	0.74	0.029	22.4	508	22.03	0.06	0.96	6.3	0.3	17.5	0.02	2.5	0.001	0.06	0.1	122	<0.1	185.5
17	612506-6234702	<1	0.06	1.10	7.3	250.0	0.10	0.26	0.22	5.3	17.0	11.5	3.11	5.4	20	0.04	2.5	0.31	146	0.91	0.030	15.2	394	10.27	0.06	0.46	3.5	0.3	24.5	0.04	1.7	0.005	0.04	0.1	78	<0.1	59.6
18	612491-6234605	3	0.22	1.62	13.3	800.0	0.12	0.26	0.32	17.8	22.5	13.7	5.13	5.8	20	0.07	5.0	0.33	1701	0.69	0.028	25.0	485	14.05	0.06	0.14	7.3	0.4	28.5	0.02	2.1	0.001	0.06	0.1	82	<0.1	137.7
19	0612501-6234508	<1	0.30	0.09	2.1	103.0	<0.02	0.38	1.27	0.4	<0.5	4.4	0.14	0.1	30	0.03	0.5	0.07	37	0.12	0.030	0.7	271	2.58	0.08	0.08	0.2	<0.1	29.0	<0.02	0.3	0.005	<0.02	<0.1	2	<0.1	48.5
20	612500-6234404	2	0.30	0.60	5.7	218.0	0.10	0.29	0.54	2.8	2.0	6.7	1.38	2.0	15	0.04	5.0	0.04	128	0.57	0.035	2.9	502	8.88	0.08	1.04	1.5	0.4	20.0	0.12	1.5	0.003	0.04	0.1	20	<0.1	33.2
21	612510-6234304	<1	0.12	1.83	11.6	255.5	0.12	0.65	0.43	19.9	24.0	34.0	4.62	7.1	20	0.07	4.0	0.63	736	0.90	0.030	25.9	557	14.47	0.08	0.46	5.3	0.5	30.5	0.06	2.3	0.010	0.04	0.2	184	<0.1	100.8
22	612511-6234196	<1	0.16	0.79	11.4	132.5	0.08	0.09	0.19	5.6	11.5	10.0	2.39	3.7	15	0.04	2.5	0.19	920	0.64	0.025	11.9	447	8.74	0.04	0.28	2.4	0.2	6.0	0.04	1.0	0.001	0.06	<0.1	46	<0.1	49.5
23	612528-6234100	<1	0.44	0.46	8.4	595.5	0.20	0.48	1.28	10.3	4.5	16.0	5.09	3.5	25	0.05	6.0	0.06	1065	0.41	0.029	5.8	842	7.80	0.08	0.14	2.9	0.3	19.0	0.06	1.7	0.003	0.02	0.1	68	<0.1	88.6
24	612504-6234000	<1	0.30	1.44	13.9	589.0	0.12	0.88	2.63	16.4	23.0	24.2	4.17	6.0	40	0.16	5.5	0.53	2331	0.72	0.030	24.6	1088	17.90	0.10	1.08	3.8	0.5	34.0	0.04	1.4	0.016	0.06	0.1	74	<0.1	213.3
25	612501-6233903	<1	0.22	1.51	24.4	513.0	0.20	0.34	0.77	13.3	21.5	23.9	4.61	5.8	20	0.14	4.5	0.55	599	1.02	0.030	21.7	401	50.56	0.08	1.98	6.3	0.4	17.5	0.06	1.2	0.013	0.06	0.1	80	<0.1	258.7
26	612495-6233801	<1	0.34	0.90	11.3	310.0	0.16	0.40	3.39	5.9	12.0	15.8	3.35	5.6	15	0.06	4.5	0.14	452	1.49	0.029	8.6	449	28.71	0.08	0.88	2.9	0.3	18.0	0.04	1.0	0.012	0.04	0.1	92	<0.1	461.5
27	E617145-N6233478	1	0.20	4.12	3.8	81.0	0.04	0.58	0.60	17.5	12.5	23.6	6.27	12.3	60	0.07	5.5	1.40	970	1.71	0.040	9.3	1732	6.48	0.20	0.06	9.0	0.6	22.5	<0.02	1.5	0.076	0.02	1.0	172	<0.1	94.1
28	E617245-N6233480	<1	0.12	1.60	4.2	217.0	0.10	0.59	0.13	10.0	10.0	11.6	3.92	5.7	15	0.08	4.0	0.54	705	0.78	0.034	8.7	1694	9.21	0.16	0.09	2.3	0.3	24.5	<0.02	1.0	0.011	0.04	0.5	98	<0.1	75.6
29	N617050-E6233432	7	0.48	2.44	5.3	70.0	0.18	0.53	0.19	12.4	18.5	19.1	3.83	8.8	35	0.07	9.0	0.74	1777	1.24	0.040	13.7	4233	10.61	0.24	0.12	11.3	1.2	89.0	0.04	2.1	0.035	0.08	1.0	104	<0.1	89.4
30	E616950-N6233411	2	0.14	2.23	6.1	187.0	0.18	0.16	0.15	9.8	14.5	19.9	4.50	8.1	20	0.08	6.5	0.62	1013	1.76	0.027	9.9	2161	7.61	0.14	0.08	4.0	0.7	53.5	0.04	1.4	0.021	0.06	0.9	116	<0.1	108.3

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
31	E616850-N6233323	3	0.10	2.33	9.0	62.5	0.08	0.50	0.43	14.1	24.0	26.8	3.34	6.6	25	0.09	8.0	0.86	2327	0.51	0.028	16.0	3840	7.44	0.16	0.08	17.2	2.3	52.5	<0.02	2.1	0.021	0.04	0.8	76	<0.1	171.0		
32	E616651-N6233313	<1	0.06	2.22	8.0	177.0	0.10	0.12	0.27	17.1	19.5	18.3	4.50	8.7	20	0.04	4.0	0.73	2485	0.54	0.027	11.9	745	9.27	0.10	0.18	2.1	0.3	9.5	<0.02	0.6	0.016	0.08	0.5	118	<0.1	120.0		
33	E616550-N6233281 N/S																																						
34	E616750-N6233308	1	0.18	2.27	19.3	93.0	0.20	0.91	0.64	19.7	15.0	24.3	5.08	9.0	25	0.10	10.0	0.53	5740	1.03	0.035	8.7	2844	15.36	0.16	0.22	2.7	1.2	62.0	<0.02	1.1	0.022	0.10	1.2	162	<0.1	119.1		
35	E616450-N6233221	1	0.14	2.32	6.3	66.0	0.08	0.11	0.11	8.0	23.5	15.3	4.42	7.7	40	0.02	4.5	0.61	492	0.78	0.026	19.8	1059	8.66	0.08	0.18	2.7	0.4	6.5	<0.02	0.9	0.018	0.04	0.3	88	<0.1	89.6		
36	E616350-N6233193	1	0.34	2.48	5.4	105.0	0.12	0.22	0.20	12.0	32.5	23.2	6.50	12.1	25	0.04	5.0	0.90	732	0.93	0.029	16.2	1233	11.33	0.10	0.16	5.0	0.4	10.5	0.04	1.5	0.049	0.04	0.5	182	<0.1	123.0		
37	E616250-N6233115	3	0.14	1.76	5.8	144.0	0.08	0.29	0.10	10.6	26.5	20.9	5.08	8.2	25	0.04	4.0	0.74	655	0.64	0.025	14.5	1117	9.27	0.08	0.26	4.6	0.3	15.0	0.02	1.1	0.032	0.04	0.4	142	<0.1	100.8		
38	E616150-N6233013	1	0.22	0.95	10.6	70.5	0.10	0.06	0.13	3.9	9.5	8.4	3.16	5.0	15	0.02	4.5	0.10	251	0.54	0.025	5.0	643	12.20	0.08	0.08	3.0	0.4	5.0	0.02	0.7	0.006	0.02	0.2	62	<0.1	69.2		
39	E616050-N6232893	1	0.18	1.74	5.9	61.5	0.10	0.04	0.08	4.8	17.5	10.3	3.10	6.0	10	0.02	3.0	0.33	190	0.63	0.024	15.4	807	6.66	0.08	0.24	3.2	0.2	3.5	<0.02	0.8	0.002	0.06	0.1	62	<0.1	55.3		
40	E616050-N6232893B	140	0.90	1.70	27.6	75.5	0.12	3.51	1.11	16.4	31.0	1086.9	4.96	4.8	80	0.22	4.5	1.71	803	15.44	0.057	30.2	1032	25.08	0.84	1.66	6.8	2.6	99.5	0.11	1.2	0.011	0.11	0.4	90	<0.1	89.4		
41	E615950-N6232824	1	0.06	2.00	4.8	112.0	0.04	0.20	0.14	13.1	23.5	17.1	4.14	6.6	15	0.02	3.5	0.93	669	0.37	0.025	19.8	1209	7.50	0.06	0.16	6.9	0.3	7.5	<0.02	1.1	0.022	0.02	0.3	102	<0.1	133.0		
42	E616850-N6232672	1	0.82	1.88	8.3	447.5	0.06	0.35	0.19	13.4	17.5	26.3	3.88	5.6	15	0.05	9.0	0.77	1244	0.43	0.026	13.6	710	7.09	0.06	0.14	7.8	1.2	38.5	0.02	1.1	0.010	0.04	0.8	96	<0.1	115.6		
43	E615750-N6232581	1	0.58	0.36	3.9	213.5	<0.02	1.31	0.29	3.1	4.0	23.3	0.37	1.1	100	0.03	7.5	0.09	269	0.66	0.033	2.7	595	1.69	0.18	0.22	1.5	2.3	118.5	<0.02	0.3	0.002	0.02	1.3	12	<0.1	16.2		
44	E0611660-N6235498	1	0.34	1.80	11.9	50.5	0.08	0.51	0.48	17.1	29.5	25.2	4.67	5.6	40	0.04	5.5	0.87	1199	1.19	0.029	50.4	944	12.46	0.12	0.38	9.0	1.3	26.5	0.02	1.4	0.004	0.06	0.2	62	<0.1	123.8		
45	0516730E-5706287N	1	0.17	1.20	2.8	84.5	0.06	0.26	0.05	8.9	24.5	9.0	2.04	4.0	5	0.05	3.0	0.33	427	0.41	0.027	24.0	312	3.29	0.06	0.06	2.9	0.2	22.5	<0.02	0.7	0.070	0.02	0.2	54	<0.1	61.3		
46	0516741E-5706314N	1	0.06	1.43	3.4	109.5	0.04	0.29	0.05	10.7	25.5	11.3	2.27	4.6	10	0.09	3.5	0.39	573	0.48	0.028	27.9	445	3.61	0.06	0.12	3.6	0.3	26.0	<0.02	0.9	0.057	0.04	0.2	52	<0.1	52.0		
47	0516747E-5706253N	<1	0.14	1.05	3.3	79.0	0.04	0.28	0.04	13.3	30.0	13.8	2.72	4.0	5	0.11	4.0	0.68	376	0.31	0.030	39.7	195	2.83	0.06	0.08	4.4	0.4	26.0	<0.02	1.1	0.033	0.02	0.2	58	<0.1	38.7		
48	0516747E-5706253N B	430	0.80	0.31	170.3	18.0	0.04	0.15	0.04	6.0	17.5	29.1	2.67	2.1	1515	0.15	4.0	0.06	103	2.91	0.038	12.3	395	5.58	0.86	22.72	0.8	2.5	6.5	<0.02	0.3	0.001	1.78	<0.1	11	<0.1	40.1		
49	0516757E-5706301N	5	0.32	0.94	3.0	85.0	0.04	0.28	0.05	11.4	28.0	11.8	2.30	3.6	15	0.08	3.0	0.45	369	0.29	0.028	28.1	176	2.49	0.06	0.08	3.7	0.3	26.0	<0.02	1.0	0.041	0.02	0.2	54	<0.1	40.0		
50	0516761E-5706244N N/S																																						
51	0516765E-5706240N	1	0.36	0.05	2.5	15.5	<0.02	0.93	0.04	1.5	1.0	2.5	0.41	0.1	30	0.01	<0.5	0.15	19	0.19	0.031	2.0	609	1.11	0.12	0.08	0.2	<0.1	85.0	<0.02	0.2	0.001	0.02	<0.1	<2	<0.1	12.3		
52	0516778E-5706285N	1	0.22	1.07	3.4	91.0	0.04	0.29	0.05	13.4	32.0	14.5	2.81	4.1	15	0.14	4.0	0.55	448	0.33	0.028	37.2	288	2.98	0.04	0.10	4.1	0.4	34.5	<0.02	1.2	0.052	0.02	0.2	62	<0.1	45.9		
53	0516789E-5706275N	1	0.66	0.15	4.2	57.0	0.02	2.40	0.13	3.9	5.5	12.1	1.09	0.5	65	0.02	2.5	0.37	53	0.41	0.046	18.6	1452	1.85	0.34	0.18	0.7	0.5	239.5	<0.02	0.5	0.005	<0.02	0.5	18	<0.1	11.3		
54	0516799E-5706250N	<1	0.40	0.26	2.6	64.0	0.02	2.78	0.35	2.7	4.0	8.6	0.35	0.6	115	0.06	1.0	0.54	539	0.85	0.059	8.2	987	2.97	0.14	0.22	0.5	0.3	148.0	<0.02	0.3	0.003	<0.02	0.1	12	<0.1	35.3		
55	0516800E-5706219N	<1	0.46	1.12	2.9	69.0	0.04	0.31	0.04	10.4	25.5	14.8	2.13	4.1	10	0.08	3.5	0.45	264	0.24	0.024	23.7	233	3.06	0.04	0.08	3.4	0.3	29.0	<0.02	0.9	0.022	0.02	0.2	40	<0.1	35.8		
56	0516806E-5706258N	5	0.20	1.47	5.6	178.5	0.04	0.33	0.05	12.3	28.5	22.5	2.40	5.1	10	0.07	4.5	0.74	400	0.85	0.025	23.6	288	3.67	0.06	0.22	4.3	0.3	46.0	<0.02	1.0	0.011	0.02	0.2	46	<0.1	40.1		
57	0516822E-5706192N	<1	0.32	1.10	3.0	94.0	0.04	0.29	0.05	8.1	18.5	10.7	1.86	3.9	10	0.09	4.0	0.35	436	0.35	0.030	18.0	194	3.60	0.06	0.10	3.6	0.4	25.5	<0.02	0.9	0.033	0.02	0.2	46	<0.1	38.7		
58	0516826E-5706256N	4	0.40	0.91	2.9	74.0	0.02	0.22	0.03	6.3	16.0	6.5	1.44	3.1	10	0.05	2.5	0.31	268	0.28	0.025	15.3	188	2.51	0.06	0.04	2.5	0.2	16.0	<0.02	0.6	0.008	0.02	0.1	22	<0.1	27.6		
59	0516839E-5706243N	<1	0.38	0.95	2.7	61.0	0.02	0.17	0.04	5.2	14.0	6.3	1.33	2.7	<5	0.03	1.5	0.25	185	0.20	0.023	14.5	344	2.37	0.06	0.04	2.0	0.1	12.0	<0.02	0.5	0.012	<0.02	<0.1	24	<0.1	37.8		
60	0516643E-5706223N	<1	0.48	1.05	2.7	57.5	0.04	0.20	0.04	6.0	20.5	8.7	1.56	3.1	10	0.05	2.5	0.31	155	0.25	0.028	18.6	251	2.84	0.06	0.08	2.5	0.2	17.0	<0.02	0.8	0.039	0.02	0.1	40	<0.1	35.7		
61	0516683E-5706173N	2	0.78	2.03	7.1	136.0	0.06	0.64	0.07	18.1	45.0	25.8	3.77	6.6	15	0.23	7.0	0.90	572	0.45	0.036	55.2	550	4.13	0.08	0.24	8.3	0.7	46.5	0.02	2.0	0.060	0.04	0.2	64	<0.1	54.6		
62	0516647E-5706216N	<1	0.28	0.74	2.4	50.0	0.02	0.11	0.02	4.7	12.0	3.8	1.00	2.1	<5	0.03	1.5	0.18	203	0.16	0.023	14.2	194	1.59	0.06	0.04	1.7	0.1	9.0	<0.02	0.4	0.011	<0.02	<0.1	18	<0.1	29.7		
63	0516705E-5706313N	<1	0.25	1.67	3.5	102.5	0.04	0.19	0.04	7.6	22.0	7.9	1.86	4.0	10	0.05	2.5	0.34	386	0.57	0.030	22.0	408	2.93	0.06	0.12	2.7	0.2	21.0	<0.02	0.9	0.033	0.04	0.1	46	<0.1	55.3		
64	0516713E-5706162N	<1	0.42	0.05	9.0	34.5	<0.02	2.12	0.08	2.6	1.0	3.8	0.92	0.1	60	0.03	<0.5	0.26	42	0.33	0.038	3.6	1721	1.48	0.38	0.10	0.4	0.1	146.0	<0.02	0.3	0.001	0.04	0.1	2	<0.1	20.7		
65	0516718E-5706127N	1	0.26	2.00	6.4	194.0	0.06	0.64	0.25	11.6	27.0	26.2	2.64	5.7	30	0.11	5.5	0.53	1206	0.71	0.036	27.5	677	4.05	0.08	0.20	4.5	0.5	44.5	<0.02	1.1	0.037	0.04</						

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
76	0516819E-5706336N	2	1.04	0.05	3.2	16.0	<0.02	1.73	0.06	1.6	1.0	3.5	0.40	0.1	45	0.03	<0.5	0.24	13	0.28	0.040	2.3	1165	2.34	0.28	0.08	0.4	0.1	161.0	<0.02	0.3	0.001	0.02	0.1	2	<0.1	9.3
77	0516838E-5706369N	1	0.04	1.23	2.5	91.0	0.06	0.16	0.04	8.5	21.0	9.1	1.84	4.0	15	0.04	2.5	0.28	440	0.59	0.022	25.4	303	3.26	0.04	0.08	2.0	0.2	14.5	<0.02	0.8	0.038	0.04	0.1	44	<0.1	61.0
78	0516651E-5706228N	1	0.04	1.08	3.1	127.5	0.04	0.67	0.09	8.5	21.5	13.7	2.14	4.2	5	0.11	4.5	0.59	291	0.35	0.034	22.9	287	3.45	0.06	0.18	3.9	0.5	54.0	<0.02	1.3	0.053	0.04	0.2	48	<0.1	50.0
79	0516683E-5706206N	<1	<0.02	0.99	2.3	72.5	0.04	0.14	0.03	7.1	18.0	5.7	1.57	3.2	5	0.03	2.0	0.23	351	0.36	0.020	21.1	241	2.69	0.04	0.08	2.1	0.2	13.0	<0.02	0.8	0.027	0.02	<0.1	36	<0.1	47.1
80	0516711E-5706171N	7	0.06	1.14	5.3	84.0	0.04	0.33	0.05	15.1	31.0	22.7	2.78	4.3	10	0.13	5.0	0.81	409	0.37	0.026	45.5	266	2.89	0.06	0.10	4.7	0.6	29.0	<0.02	1.4	0.024	0.02	0.2	48	<0.1	39.1
81	0516751E-5706173N	1	0.40	0.81	2.5	69.5	0.02	2.34	0.09	4.7	10.5	15.8	1.20	2.1	60	0.03	2.0	0.31	131	0.59	0.036	15.3	711	1.81	0.20	0.20	1.8	0.4	154.0	<0.02	0.9	0.006	0.02	0.3	18	<0.1	11.8
82	0516776E-5706135N	<1	0.08	1.26	3.1	103.0	0.04	0.41	0.10	11.5	27.5	19.9	2.36	4.5	10	0.07	4.0	0.51	366	0.37	0.024	25.6	401	4.05	0.06	0.12	4.6	0.4	37.0	<0.02	1.1	0.031	0.02	0.2	48	<0.1	52.1
83	0516809E-5706115N	<1	<0.02	0.70	2.2	42.0	0.02	0.13	0.02	4.5	13.0	6.5	1.12	2.4	<5	0.02	1.5	0.19	124	0.26	0.020	11.5	147	1.99	0.04	0.08	1.7	0.1	11.5	<0.02	0.5	0.021	<0.02	<0.1	30	<0.1	23.5
84	0516837E-5706215N	<1	0.65	2.30	<1	35.5	0.02	0.16	0.03	5.1	15.5	9.0	1.36	2.4	<5	0.03	2.0	0.31	107	0.14	0.021	16.0	153	1.97	0.04	0.04	2.0	0.2	14.0	<0.02	0.6	0.014	<0.02	0.1	26	<0.1	24.5
85	0516843E-5706091N	<1	0.08	0.85	3.0	66.5	0.04	0.26	0.09	5.1	12.5	8.7	1.16	3.7	15	0.05	8.5	0.21	726	0.29	0.024	14.1	196	2.66	0.06	0.08	2.7	1.1	21.5	<0.02	0.6	0.015	0.02	0.2	30	<0.1	27.9
86	0516864E-5706244N	<1	0.10	1.21	2.8	76.0	0.06	0.26	0.06	8.4	26.0	11.6	2.29	4.3	5	0.03	3.0	0.43	261	0.39	0.028	24.0	294	3.70	0.06	0.10	3.6	0.3	23.5	<0.02	1.0	0.043	0.02	0.2	60	<0.1	48.4
87	0516876E-5706283N	12	0.06	1.15	3.1	77.0	0.04	0.30	0.05	8.4	20.0	10.4	1.87	3.8	10	0.04	3.0	0.35	392	0.41	0.026	18.6	359	3.41	0.06	0.06	3.0	0.3	24.5	<0.02	0.9	0.028	0.02	0.2	48	<0.1	47.2
88	0516905E-5706329N	20	0.10	1.49	6.0	73.5	0.04	0.36	0.05	10.3	27.5	20.4	2.54	4.9	15	0.04	3.5	0.59	248	0.45	0.029	25.3	319	3.52	0.08	0.18	4.5	0.3	29.5	<0.02	1.1	0.069	0.02	0.2	68	<0.1	37.1
89	0516583E-5706199N	<1	0.04	0.90	2.3	71.0	0.04	0.22	0.04	6.2	17.5	7.2	1.51	2.9	5	0.04	2.0	0.28	352	0.38	0.026	17.7	236	2.99	0.06	0.09	2.0	0.2	17.0	<0.02	0.6	0.044	0.02	0.1	40	<0.1	45.3
90	0516609E-5706171N	<1	0.04	0.85	2.3	54.0	0.04	0.21	0.04	9.6	13.5	14.9	1.72	3.0	<5	0.11	3.5	0.41	301	0.08	0.023	26.7	120	2.50	0.06	<0.02	2.8	0.4	17.0	<0.02	0.7	0.004	0.02	0.1	6	<0.1	27.5
91	0516641E-5706154N	<1	0.06	0.85	2.5	37.5	0.02	0.22	0.02	9.4	15.5	13.5	1.73	2.8	<5	0.14	3.5	0.44	217	0.06	0.026	26.7	74	2.04	0.04	<0.02	3.2	0.4	29.0	<0.02	0.8	0.003	<0.02	<0.1	6	<0.1	21.9
92	0516672E-5706134N	<1	0.36	0.13	5.5	23.5	<0.02	1.87	0.08	3.5	2.0	5.4	1.05	0.3	60	0.03	<0.5	0.23	143	0.26	0.045	4.1	1149	1.50	0.18	0.10	0.6	0.1	157.0	<0.02	0.4	0.001	0.06	<0.1	2	<0.1	12.5
93	0516697E-5706094N	<1	0.04	0.76	2.2	49.0	0.02	0.19	0.05	6.7	14.0	9.5	1.42	2.6	5	0.04	2.0	0.26	218	0.17	0.022	14.8	164	2.16	0.04	0.02	2.0	0.2	16.0	<0.02	0.5	0.007	<0.02	0.1	18	<0.1	25.1
94	0516734E-5706064N	<1	0.02	0.74	2.0	54.0	0.04	0.20	0.07	5.3	15.0	7.7	1.26	2.7	5	0.02	2.5	0.24	284	0.21	0.023	14.1	163	2.51	0.04	0.04	2.0	0.2	17.0	<0.02	0.7	0.024	0.02	0.2	32	<0.1	31.2
95	0516764E-5706042N	<1	0.04	0.82	2.4	49.0	0.04	0.21	0.04	5.2	16.5	10.9	1.47	3.0	5	0.03	3.0	0.24	176	0.26	0.023	12.4	91	2.70	0.06	0.10	2.5	0.3	16.5	<0.02	0.6	0.022	<0.02	0.1	36	<0.1	29.1
96	0516782E-5706078N	3	0.04	1.14	2.9	105.5	0.06	0.22	0.05	7.3	18.5	10.1	1.81	3.8	5	0.05	3.0	0.29	430	0.54	0.026	16.9	204	3.60	0.06	0.14	2.9	0.3	19.5	<0.02	0.9	0.042	0.02	0.2	46	<0.1	38.2
97	0516808E-5706224N	<1	0.04	0.96	2.6	74.0	0.04	0.25	0.04	7.6	17.5	12.9	1.66	3.4	<5	0.07	4.5	0.35	362	0.16	0.024	19.8	217	2.43	0.06	0.02	3.0	0.5	22.5	<0.02	0.7	0.009	<0.02	0.2	24	<0.1	32.3
98	0516843E-5706299N	<1	0.06	1.85	4.0	126.5	0.06	0.37	0.07	9.7	25.5	13.6	2.31	5.6	5	0.06	3.0	0.53	300	0.48	0.028	22.8	748	3.67	0.08	0.14	3.7	0.2	39.5	<0.02	1.0	0.024	0.02	0.2	52	<0.1	56.3
99	0516677E-5706294N	1	0.08	1.84	4.7	146.0	0.06	0.34	0.08	10.8	29.0	10.9	2.47	5.5	20	0.08	4.0	0.42	1017	0.80	0.031	31.1	513	4.45	0.08	0.20	3.6	0.3	29.5	<0.02	1.1	0.070	0.04	0.2	58	<0.1	75.7
100	0516709E-5706263N	<1	0.04	1.57	4.3	176.5	0.06	0.29	0.09	10.0	22.5	9.6	2.21	5.1	10	0.06	3.0	0.39	1019	0.72	0.032	28.6	528	4.11	0.06	0.18	3.3	0.2	25.5	<0.02	1.1	0.064	0.04	0.1	56	<0.1	81.0
101	0516747E-5706237N	4	0.22	2.10	8.2	110.5	0.06	0.74	0.08	17.6	41.5	38.8	3.74	7.1	15	0.13	7.5	1.21	558	0.51	0.043	51.2	663	4.19	0.08	0.36	8.2	0.8	70.5	0.04	1.9	0.086	0.02	0.3	72	<0.1	52.2
102	0516786E-5706150N	<1	0.24	1.79	5.7	183.5	0.06	0.70	0.22	12.4	27.0	32.7	2.74	6.9	25	0.13	16.0	0.51	881	0.64	0.031	31.2	886	4.19	0.08	0.26	6.1	1.7	53.0	<0.02	1.5	0.061	0.02	0.3	64	<0.1	73.6
103	0516807E-5706131N	<1	0.04	0.98	2.5	82.0	0.04	0.18	0.07	5.9	12.0	5.3	1.33	3.3	10	0.04	2.5	0.17	379	0.36	0.032	14.0	507	2.99	0.06	0.08	2.1	0.2	15.0	<0.02	0.6	0.029	0.02	0.1	36	<0.1	45.8
104	0516828E-5706258N	<1	0.04	0.45	2.4	32.0	<0.02	0.12	0.02	4.7	9.0	7.5	0.80	1.8	<5	0.02	2.5	0.19	104	0.14	0.021	7.9	59	1.78	0.06	0.04	1.5	0.2	11.5	<0.02	0.4	0.008	<0.02	<0.1	20	<0.1	12.7
105	0516845E-5706115N	<1	0.06	1.17	3.1	71.5	0.06	0.28	0.07	8.3	20.5	12.1	2.01	4.2	10	0.05	4.0	0.35	515	0.55	0.026	19.7	254	4.15	0.04	0.18	3.6	0.4	22.5	0.02	1.0	0.050	0.02	0.2	52	<0.1	45.3
106	0516863E-5706338N	10	1.04	0.15	7.3	15.0	<0.02	2.17	0.06	2.9	2.5	5.7	1.18	0.3	50	0.02	0.5	0.31	19	0.50	0.050	5.0	1342	1.42	0.24	0.12	0.4	0.2	175.0	0.02	0.3	0.001	0.04	0.1	4	<0.1	9.2
107	0516886E-5706097N	3	0.10	1.75	3.6	89.0	0.08	0.51	0.07	8.9	26.5	13.7	2.42	6.0	20	0.08	7.5	0.45	383	0.59	0.035	20.7	271	5.11	0.08	0.22	4.3	0.7	39.0	<0.02	1.0	0.062	0.04	0.3	60	<0.1	60.0

QC DATA:**Repeat:**

1	E0611858-N6235650	1	0.38	2.00	10.4	186.5	0.10	0.51	0.57	12.4	28.0	37.3	3.84	5.7	50	0.04	8.0	0.52	723	1.04	0.033	43.3	894	11.30	0.06	0.32	12.5	1.5	38.0	0.02	3.0	0.002	0.08	0.3	52	<0.1	114.4
10	E0611045-N6234889	1	0.18	2.02	14.0	140.0	0.12	0.43	0.35	16.2	26.5	39.7	4.68	6.5	40	0.05	8.0	0.74	842	1.67	0.033	45.7															

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2007- 1326

Appleton Exploration Inc.

550-580 Hornby St.

Vancouver, B.C.

V2B 3B6

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 88

Sample Type: Soil

Project: McKay

Submitted by: S. B. Butrenchuk

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
1	BL1 611958 6235610	4	0.5	2.62	12.1	302.0	0.18	0.63	0.88	20.4	38.0	68.01	5.14	7.0	160	0.06	19.0	0.60	1715	1.52	0.031	59.3	1256.0	23.07	0.08	0.46	10.2	2.5	50.0	0.06	3.7	0.001	0.16	0.6	66	<0.1	116.6	
2	BL2 612103 6235482	1	<0.2	1.79	7.1	84.0	0.10	0.12	0.18	7.0	29.0	18.07	3.25	4.9	40	0.03	4.5	0.53	270	0.81	0.027	37.0	586.0	7.92	0.04	0.36	3.2	0.5	9.0	<0.02	1.2	0.002	0.08	0.2	42	0.2	80.7	
3	BL3 612244 6235365	1	0.2	1.98	11.7	187.0	0.16	0.14	0.24	10.2	26.5	22.31	4.05	5.9	35	0.07	7.5	0.41	461	1.37	0.030	28.5	1007.0	22.16	0.04	0.74	3.9	0.5	14.5	<0.02	1.1	0.001	0.08	0.2	54	0.1	105.1	
4	BL4 612377 6235219	1	0.2	2.26	9.7	160.0	0.14	0.14	0.24	8.4	33.5	21.43	4.23	6.1	40	0.04	4.5	0.62	395	1.09	0.023	39.3	1045.0	9.73	0.04	0.46	4.1	0.6	14.0	0.02	1.0	0.001	0.08	0.2	56	<0.1	97.3	
5	BL5 612523 6235078	1	0.5	1.48	6.9	485.5	0.12	1.56	0.94	12.7	13.5	21.39	2.20	3.5	70	0.03	10.5	0.49	1678	0.56	0.030	20.2	1347.0	17.17	0.08	0.22	2.8	1.1	177.5	<0.02	0.8	0.002	0.04	0.5	28	<0.1	57.4	
6	BL6 612677 6234946	<1	<0.2	1.29	8.2	64.5	0.12	0.06	0.14	4.3	20.5	11.88	3.26	6.0	30	0.03	2.5	0.28	195	0.98	0.023	17.7	509.0	8.48	0.04	0.40	1.4	0.2	8.5	0.02	0.3	0.004	0.06	<0.1	64	<0.1	52.4	
7	BL7 612818 6234805	<1	<0.2	0.31	4.0	65.5	0.08	0.12	0.25	1.6	5.0	5.56	0.91	1.5	35	0.02	1.5	0.04	44	0.40	0.022	4.9	271.0	3.54	0.04	0.12	0.3	0.1	10.5	<0.02	0.2	0.002	0.04	<0.1	22	<0.1	20.9	
8	BL8 612950 6234676	<1	0.2	1.59	11.7	187.5	0.14	0.21	0.33	6.7	26.5	16.58	4.50	6.2	60	0.04	3.0	0.36	333	1.08	0.024	23.0	804.0	12.43	0.04	0.58	3.4	0.3	17.0	0.02	0.6	0.002	0.06	0.1	74	<0.1	93.8	
9	BL9 613108 6234576	1	<0.2	2.14	8.7	139.5	0.16	0.06	0.18	5.8	27.5	11.95	4.73	6.3	40	0.03	3.5	0.32	264	0.87	0.024	21.3	2044.0	10.66	0.04	0.42	3.0	0.3	5.0	0.02	0.9	0.001	0.06	0.2	58	<0.1	100.8	
10	BL10 613251 6234418	1	0.7	1.39	14.1	192.0	0.10	0.83	0.55	8.0	32.5	54.89	2.92	4.1	130	0.03	9.0	0.36	585	1.12	0.025	26.2	1083.0	9.90	0.08	0.26	4.4	1.6	66.5	0.02	0.6	0.003	0.04	1.8	80	<0.1	97.4	
11	BL11 613424 6234309	1	0.5	0.47	3.7	306.0	0.14	0.62	0.84	5.3	8.0	18.55	1.61	2.1	60	0.05	6.0	0.12	974	0.48	0.022	10.5	741.0	7.61	0.06	0.14	0.7	0.4	46.5	<0.02	0.2	0.003	0.04	0.2	28	<0.1	50.9	
12	BL12 613588 6234191	<1	0.2	0.58	5.1	298.0	0.10	0.19	0.53	3.2	8.0	9.71	1.97	3.1	30	0.03	3.0	0.09	625	0.57	0.022	7.4	657.0	5.85	<0.02	0.36	0.7	0.2	13.5	<0.02	<0.1	0.004	0.04	0.2	32	<0.1	74.3	
13	BL13 613731 6234072	1	0.4	1.43	4.5	196.0	0.12	0.64	0.42	9.7	36.0	18.62	2.31	4.4	130	0.06	9.0	0.39	1632	1.04	0.035	20.9	1467.0	10.44	0.12	0.06	4.6	1.7	37.0	<0.02	0.6	0.006	0.06	0.6	64	<0.1	69.2	
14	613731 6234072 B	560	2.5	1.06	54.9	50.5	0.46	3.77	1.99	15.7	22.0	4542.00	4.80	4.7	370	0.13	7.0	1.12	697	40.25	0.079	17.7	1017.0	40.74	1.80	17.54	7.3	6.9	115.0	0.20	1.0	0.001	0.14	0.4	76	<0.1	166.9	
15	BL14 613876 6233951	5	<0.2	0.28	2.2	91.5	0.06	0.07	0.28	1.0	4.5	4.18	0.83	2.5	35	0.02	4.0	0.02	82	0.38	0.022	2.0	207.0	3.67	<0.02	0.16	0.2	0.2	66.0	<0.02	<0.1	0.001	0.04	0.2	20	<0.1	10.6	
16	BL15 613016 6233802	2	0.5	0.79	6.1	167.5	0.12	0.16	0.73	3.5	9.0	8.35	2.22	4.2	55	0.03	3.5	0.10	554	0.73	0.022	7.8	890.0	5.24	0.02	0.32	1.2	0.2	12.5	0.04	0.3	0.002	0.04	0.2	36	<0.1	54.6	
17	BL16 614164 6233699	1	0.3	1.45	7.4	185.5	0.10	0.11	0.22	6.1	19.0	16.52	3.30	3.8	40	0.03	3.0	0.31	311	0.61	0.024	18.7	598.0	8.67	0.04	0.48	3.3	0.3	5.5	<0.02	0.6	0.003	0.02	0.2	46	<0.1	68.7	
18	BL17 614300 6233570	1	<0.2	1.12	5.7	76.5	0.12	0.04	0.17	2.7	13.5	6.89	2.38	4.4	45	0.02	2.5	0.13	151	0.50	0.021	9.7	1219.0	7.35	<0.02	0.26	1.4	0.2	3.0	<0.02	0.5	0.001	0.04	<0.1	36	<0.1	47.3	
19	BL18 614437 6233437	2	1.4	3.69	10.6	1209.0	0.18	0.90	1.72	16.7	41.5	138.20	5.47	7.5	80	0.05	26.5	0.59	4326	1.27	0.031	59.7	2196.0	19.81	0.08	0.66	15.0	2.5	58.5	0.06	1.6	0.001	0.10	1.0	63	<0.1	140.2	
20	BL19 614570 6233304	<1	0.6	0.45	4.0	110.5	0.12	0.06	0.34	1.9	8.0	8.77	1.56	3.7	30	0.02	3.5	0.03	91	0.47	0.024	3.6	198.0	7.26	0.02	0.26	0.4	0.1	6.0	<0.02	<0.1	0.006	0.02	0.2	48	<0.1	29.4	
21	BL20 614689 6233136	<1	2.4	0.39	6.1	260.0	0.12	0.27	0.91	2.3	8.5	15.73	1.61	2.5	90	0.03	2.5	0.06	336	0.68	0.023	6.3	536.0	8.26	0.04	0.34	0.2	0.1	21.0	<0.02	<0.1	0.002	0.04	0.1	38	<0.1	63.5	
22	BL21 614851 6233014	<1	0.2	1.01	8.3	158.0	0.12	0.11	0.46	4.5	12.5	22.01	3.40	4.7	30	0.03	3.5	0.17	243	0.95	0.024	10.0	357.0	11.61	0.04	0.66	1.0	0.2	9.0	0.04	<0.1	0.008	0.02	0.2	66	<0.1	89.0	
23	BL22 614999 6232900	<1	0.6	0.32	6.2	264.5	0.08	0.33	0.54	3.2	6.5	15.87	1.76	2.2	35	0.04	2.0	0.08	400	0.48	0.022	5.6	356.0	8.13	0.04	0.62	0.4	0.1	27.5	<0.02	<0.1	0.007	0.02	0.2	40	<0.1	58.8	
24	BL23 615170 6232799	<1	0.3	1.60	4.9	1269.0	0.12	0.38	0.43	6.3	26.5	9.53	3.03	6.1	30	0.03	4.5	0.65	824	0.64	0.027	22.5	308.0	9.37	0.04	0.18	2.4	0.2	18.5	<0.02	0.3	0.006	0.04	0.2	58	<0.1	84.3	
25	BL24 615306 6232680 N/S																																					
26	BL25 615492 6232588	1	0.3	0.75	4.4	347.5	0.04	0.88	0.68	5.8	12.0	25.96	2.45	1.8	80	0.03	8.0	0.38	560	0.46	0.032	10.3	697.0	5.27	0.12	0.12	2.5	0.8	86.5	<0.02	0.3	0.015	<0.02	0.5	38	<0.1	61.8	
27	BL26 615637 6232464	2	0.2	1.90	10.3	454.5	0.08	0.44	0.08	11.7	32.5	31.69	4.02	5.8	90	0.03	13.0	0.81	1151	0.63	0.028	23.8	908.0	11.04	0.08	0.32	6.5	2.1	43.5	0.02	0.7	0.019	0.06	1.2	88	<0.1	103.8	
28	BL27 615788 6232346	<1	0.5	0.95	8.4	381.0	0.10	0.38	0.53	8.7	16.5	26.75	2.76	3.7	40	0.05	4.5	0.29	889	0.83	0.026	15.0	521.0	12.73	0.04	0.32	0.8	0.4	24.0	0.02	<0.1	0.005	0.02	0.2	48	<0.1	92.3	
29	BL28 615914 6232256	2	1.7	0.70	7.2	317.5	0.14	1.62	1.31	5.1	15.0	95.16	2.41	2.7	45	0.03	8.0	0.18	727	1.62	0.027	20.7	1178.0	12.95	0.12	0.34	1.9	0.7	85.5	0.04	0.2	0.005	0.02	0.6	36	<0.1	103.5	
30	616039 6232113	1	0.9	1.98	10.2	629.5	0.14	0.60	0.86	12.5	23.5	76.95	4.07	7.0	55	0.07	15.0	0.42	1972	1.72	0.028	27.4	1213.0	18.38	0.06	0.40	3.9	1.2	39.0	0.04	0.5	0.011	0.04	0.7	72	<0.1	128.4	

Et #.	Tag #	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
		ppb	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
31	616199 6231943	2	1.6	3.15	12.2	681.0	0.16	1.29	1.35	13.1	27.5	81.76	5.27	8.6	85	0.04	13.5	0.46	3731	1.09	0.031	31.8	1720.0	18.09	0.08	0.36	7.0	1.2	31.5	0.04	1.0	0.010	0.06	0.9	100	<0.1	201.2
32	616298 6231827	<1	<0.2	1.30	9.2	117.0	0.12	0.08	0.34	4.3	17.5	15.14	3.39	6.4	25	0.02	3.0	0.30	307	0.98	0.025	12.3	310.0	12.11	0.04	0.46	1.4	0.2	5.0	0.02	<0.1	0.011	0.02	0.2	76	<0.1	61.3
33	616424 6231679	7	0.2	0.98	4.6	288.5	0.10	0.20	0.40	7.9	15.0	8.41	2.67	4.2	25	0.06	4.5	0.32	1699	0.46	0.024	11.8	712.0	9.57	0.02	0.34	1.5	0.2	10.5	<0.02	0.1	0.008	0.04	0.2	54	<0.1	101.8
34	616592 6231567	<1	0.3	1.29	4.4	363.5	0.10	0.34	0.26	10.2	12.0	10.12	3.46	5.6	25	0.06	5.5	0.31	2736	0.59	0.024	8.6	671.0	13.10	0.04	0.36	1.3	0.2	16.5	<0.02	<0.1	0.010	0.04	0.3	74	<0.1	122.8
35	616739 6231436	2	<0.2	0.88	3.8	81.0	0.12	0.09	0.12	3.6	8.5	6.54	3.15	5.3	15	0.02	4.5	0.22	279	0.46	0.022	5.5	557.0	10.94	<0.02	0.42	2.3	0.2	6.5	<0.02	0.5	0.039	0.04	0.3	68	<0.1	52.9
36	616739 6231436 B	140	0.9	1.91	46.0	76.0	0.32	4.17	1.46	22.0	36.5	1098.00	5.67	7.7	150	0.30	9.0	1.90	930	17.22	0.127	27.7	1360.0	36.30	1.32	3.38	10.6	4.1	179.0	0.08	1.2	0.025	0.20	0.7	142	<0.1	101.7
37	617198 6233462	6	0.2	3.19	5.4	91.0	0.04	0.55	0.32	14.4	12.0	25.40	4.13	6.5	40	0.02	7.5	1.13	928	0.90	0.034	13.5	956.0	6.43	0.06	0.12	5.6	0.6	22.0	<0.02	0.7	0.057	0.12	0.8	116	<0.1	79.7
38	617601 6233508	4	0.3	2.35	4.7	54.5	0.20	0.04	0.07	3.5	28.5	11.28	2.19	8.8	75	0.02	6.5	0.22	151	0.90	0.032	9.1	464.0	12.61	0.08	0.10	1.9	0.4	6.5	<0.02	0.3	0.062	0.02	0.6	68	<0.1	33.0
39	617550 6233486	4	<0.2	1.71	6.8	58.5	0.16	0.03	0.07	6.7	22.5	12.82	2.73	6.0	30	0.02	5.0	0.38	719	0.62	0.028	17.3	1301.0	9.85	0.04	0.18	2.3	0.3	4.5	<0.02	0.5	0.009	0.08	0.4	54	<0.1	65.7
40	617504 6233465	4	<0.2	1.92	6.0	122.5	0.16	0.08	0.15	5.8	15.0	11.19	2.74	5.7	45	0.03	7.0	0.29	556	0.62	0.030	10.0	1295.0	9.73	0.08	0.10	1.9	0.4	13.5	0.02	0.5	0.013	0.06	0.5	54	<0.1	43.6
41	617450 6233444	4	<0.2	2.21	5.0	76.0	0.14	0.04	0.10	7.9	17.0	10.96	3.76	7.4	30	0.02	5.5	0.51	527	0.61	0.030	9.9	815.0	8.38	0.06	0.14	1.7	0.3	6.0	<0.02	0.3	0.014	0.06	0.7	92	<0.1	54.4
42	617400 6233425	6	0.2	2.81	6.1	110.0	0.10	0.12	0.20	10.9	23.0	20.95	3.60	6.6	40	0.02	9.5	0.80	622	0.63	0.030	19.5	1075.0	7.88	0.06	0.18	4.0	0.7	6.5	<0.02	1.1	0.024	0.06	0.9	76	<0.1	85.9
43	617350 6233406	<1	<0.2	0.91	6.3	39.0	0.08	0.06	0.05	9.6	17.0	10.93	2.66	2.8	15	0.02	3.0	0.41	1100	0.18	0.026	11.8	627.0	8.68	0.02	0.30	1.9	0.3	3.5	<0.02	0.1	0.004	0.04	0.4	42	<0.1	53.4
44	617350 6233406 B	574	2.4	0.96	45.0	51.5	0.38	3.76	1.65	12.8	18.0	4560.00	4.91	3.9	385	0.11	5.5	0.90	663	31.40	0.069	14.4	900.0	35.20	1.42	15.12	5.7	5.4	172.5	0.12	0.7	0.001	0.10	0.3	70	<0.1	148.4
45	617300 6233381	1	<0.2	1.33	6.0	82.0	0.12	0.05	0.07	9.9	10.5	23.59	3.32	4.1	25	0.02	5.5	0.38	783	0.35	0.026	7.6	761.0	7.52	0.02	0.40	3.7	0.3	6.0	0.02	0.5	0.003	0.05	0.6	56	<0.1	62.6
46	617250 6233362	2	<0.2	1.90	3.9	127.5	0.12	0.13	0.07	7.5	6.0	16.86	3.41	6.1	25	0.03	6.5	0.37	860	0.47	0.028	4.0	423.0	7.79	0.04	0.24	2.8	0.3	281.5	0.06	0.2	0.020	0.08	1.0	60	<0.1	60.7
47	617645 6233424	2	<0.2	1.90	8.0	73.5	0.12	0.14	0.15	11.5	28.0	20.33	3.72	6.4	20	0.03	7.5	0.74	867	0.67	0.031	24.6	927.0	10.53	0.04	0.26	3.6	0.5	10.5	<0.02	0.5	0.015	0.06	0.5	68	<0.1	93.3
48	617600 6233412	4	<0.2	2.25	6.1	127.5	0.08	0.28	0.15	10.0	8.0	29.19	2.89	7.2	40	0.05	5.0	0.40	2400	0.57	0.031	5.6	641.0	9.68	0.08	0.10	2.3	0.5	36.5	0.02	0.2	0.027	0.12	0.8	74	<0.1	56.2
49	617550 6233409	2	<0.2	2.10	4.7	80.5	0.10	0.07	0.11	6.4	16.0	13.64	3.29	7.2	50	0.02	4.5	0.47	371	0.64	0.027	11.1	756.0	6.76	0.08	0.04	2.0	0.3	9.5	0.02	0.2	0.023	0.04	0.7	66	<0.1	55.6
50	617500 6233394	1	<0.2	2.27	7.3	100.0	0.16	0.08	0.11	6.3	18.5	13.56	2.97	8.3	55	0.03	5.5	0.40	777	0.83	0.031	11.7	944.0	18.90	0.10	0.18	1.2	0.5	10.5	<0.02	<0.1	0.026	0.08	0.7	64	<0.1	56.1
51	617450 6233387	1	<0.2	2.39	5.7	61.0	0.14	0.08	0.17	7.9	24.0	13.39	4.05	8.9	50	0.02	5.5	0.65	450	0.69	0.030	12.4	582.0	11.85	0.08	0.06	2.5	0.3	7.5	<0.02	0.2	0.025	0.06	0.8	96	<0.1	72.9
52	617400 6233371	3	0.5	2.42	6.5	57.0	0.08	0.12	0.18	9.4	30.0	23.72	3.95	6.1	70	0.02	4.5	0.75	797	0.60	0.028	16.7	1304.0	8.67	0.08	0.10	3.4	0.4	6.0	<0.02	0.5	0.034	0.04	0.7	90	<0.1	85.2
53	617350 6233364	1	<0.2	2.19	5.1	67.0	0.12	0.14	0.09	11.4	23.0	22.59	4.05	6.4	25	0.03	8.0	0.78	741	0.62	0.025	15.9	690.0	9.19	0.04	0.26	3.1	0.5	23.5	<0.02	0.3	0.016	0.08	0.8	86	<0.1	86.0
54	617300 6233351	1	<0.2	1.28	7.7	222.5	0.14	0.05	0.06	9.5	7.5	19.37	3.48	3.6	75	0.02	6.5	0.30	704	0.52	0.022	6.5	638.0	9.30	<0.02	1.30	2.9	0.4	8.5	0.02	0.3	0.003	0.08	0.7	44	<0.1	66.1
55	617300 6233351 B	135	0.9	1.69	42.1	72.0	0.28	3.73	1.47	20.8	34.0	1109.00	5.30	7.0	145	0.25	8.5	1.74	853	17.15	0.115	26.8	1184.0	35.03	1.20	2.88	9.6	3.6	175.5	0.08	1.0	0.016	0.20	0.7	128	<0.1	96.6
56	617250 6233375	2	<0.2	2.64	6.7	96.0	0.12	0.19	0.11	15.3	29.0	34.02	4.31	7.6	20	0.05	10.0	1.02	1354	0.69	0.029	22.4	1121.0	8.53	0.04	0.18	5.7	0.6	14.0	<0.02	0.9	0.011	0.08	0.8	86	<0.1	88.7
57	617200 6233274	2	<0.2	2.25	6.1	62.5	0.10	0.19	0.09	12.3	26.0	20.01	3.77	6.8	15	0.03	6.5	0.84	1125	0.52	0.031	19.4	985.0	8.99	0.04	0.12	4.3	0.5	18.5	<0.02	0.6	0.020	0.06	0.6	76	<0.1	89.5
58	617291 6233508	<1	<0.2	1.23	5.6	69.0	0.06	0.41	0.13	9.0	16.5	12.12	3.08	3.6	20	0.03	6.5	0.68	581	0.22	0.034	13.9	560.0	6.41	0.04	0.08	2.7	0.6	18.5	<0.02	0.3	0.015	<0.02	0.7	72	<0.1	84.0
59	617544 6233614	1	<0.2	2.21	6.2	73.5	0.08	0.06	0.12	9.0	23.0	15.51	3.49	4.4	35	0.02	5.0	0.55	653	0.45	0.026	17.1	672.0	7.26	0.04	0.16	3.7	0.3	4.0	<0.02	0.8	0.003	0.06	0.5	62	<0.1	91.3
60	617528 6233598	1	<0.2	2.37	6.6	144.5	0.12	0.16	0.12	13.1	27.5	20.70	4.23	7.6	15	0.04	9.0	0.77	1464	0.52	0.032	18.9	947.0	10.42	0.04	0.20	3.4	0.5	9.5	<0.02	0.5	0.010	0.10	0.7	92	<0.1	86.5
61	612512 6233584	2	<0.2	2.65	6.8	95.0	0.12	0.19	0.09	15.2	29.0	34.12	4.31	7.5	20	0.05	10.0	1.02	1358	0.71	0.032	22.2	1119.0	8.68	0.04	0.18	5.7	0.7	14.0	0.02	0.9	0.011	0.08	0.8	86	<0.1	88.7
62	617465 6233546	<1	<0.2	2.10	5.6	113.5	0.14	0.08	0.11	7.2	17.0	13.91	3.71	7.1	30	0.04	6.0	0.37	744	0.64	0.030	7.1	676.0	10.19	0.06	0.22	1.2	0.4	76.5	0.04	0.1	0.019	0.10	0.7	84	<0.1	54.9
63	617413 6233511	1	<0.2	2.03	5.0	50.5	0.10	0.09	0.10	12.7	17.0	24.50	4.11	6.1	15	0.03	9.0	0.85	1169	0.41	0.026	14.7	920.0	8.51	0.02	0.10	4.1	0.5	6.5	<0.02	0.6	0.008	0.06	0.7	80	<0.1	76.9
64	617396 6233496	1	<0.2	1.81	4.4	163.5	0.04	0.33	0.11	12.8	5.0	22.41	5.06	5.2	10	0.04	15.0	0.92	1524	0.32	0.028	7.2	999.0	7.6													

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
76	0573159 5643441	1	0.3	1.27	3.9	63.0	0.04	2.17	0.13	9.7	24.0	25.79	2.23	4.3	40	0.03	5.0	0.68	382	0.19	0.031	31.8	286.0	3.90	<0.02	0.06	4.2	0.4	81.5	<0.02	0.9	0.014	0.02	0.2	34	<0.1	38.1
77	0573159 5643441 B	135	0.4	0.77	148.6	17.0	0.08	0.39	0.11	12.7	294.0	30.11	2.94	1.8	3275	0.22	4.5	0.20	229	5.05	0.024	207.7	375.0	6.07	1.86	17.78	2.2	1.2	8.0	<0.02	0.8	0.005	1.52	0.2	16	0.2	65.5
78	0573149 5643514	3	<0.2	1.83	5.5	146.0	0.12	1.42	0.14	12.2	30.5	33.48	3.19	8.2	45	0.12	22.5	0.75	639	0.42	0.027	32.1	347.0	9.60	0.02	0.26	8.0	1.1	51.0	<0.02	2.0	0.015	0.06	0.5	62	<0.1	58.9
79	0573148 5643539	1	<0.2	2.02	6.4	390.0	0.04	4.02	0.17	11.8	20.5	44.88	2.66	6.6	420	0.09	5.5	0.84	535	0.35	0.061	23.3	356.0	5.48	0.04	0.18	4.8	0.4	105.0	<0.02	0.9	0.037	0.02	0.2	52	<0.1	47.2
80	0573133 5643606	2	<0.2	1.77	3.7	107.0	0.06	4.44	0.12	10.4	36.5	22.78	2.66	6.0	20	0.11	7.0	0.90	406	0.28	0.030	32.2	207.0	4.98	0.02	0.12	5.8	0.4	236.0	<0.02	1.1	0.030	0.04	0.5	52	<0.1	42.5
81	5643652 0573131	3	0.4	1.93	5.2	115.5	0.08	0.64	0.17	11.0	37.0	21.13	2.94	7.1	20	0.20	6.5	0.69	526	0.63	0.029	32.3	438.0	7.08	0.02	0.22	6.6	0.4	49.0	0.02	1.3	0.126	0.06	0.4	68	<0.1	61.6
82	0573136 5643701	4	0.3	2.16	7.4	92.5	0.06	0.93	0.15	13.7	40.0	30.73	3.33	7.7	50	0.07	7.5	1.01	608	0.44	0.033	41.2	624.0	5.36	0.02	0.26	7.3	0.5	84.0	<0.02	1.3	0.085	0.04	0.4	76	<0.1	60.8
83	0573138 5643753	1	<0.2	1.06	2.7	97.0	0.06	0.27	0.08	7.9	22.5	16.15	1.78	3.6	10	0.11	5.0	0.36	337	0.29	0.024	24.5	247.0	3.59	<0.02	0.04	3.2	0.3	24.5	<0.02	0.7	0.021	0.04	0.2	24	<0.1	47.1
84	0573146 5643806	3	<0.2	1.50	4.2	87.5	0.06	0.41	0.11	11.8	35.5	24.35	2.88	4.8	20	0.07	8.0	0.68	384	0.42	0.029	46.2	473.0	4.25	<0.02	0.10	5.2	0.5	41.0	<0.02	1.0	0.047	0.02	0.3	50	<0.1	48.5
85	0573162 5643850	2	<0.2	0.87	2.5	60.5	0.04	0.22	0.08	6.3	18.0	13.03	1.54	2.8	10	0.04	4.0	0.37	202	0.11	0.025	21.5	174.0	2.99	<0.02	0.02	2.5	0.2	27.0	<0.02	0.5	0.020	<0.02	0.2	20	<0.1	31.4
86	0573167 5643898	1	0.2	1.46	4.4	165.0	0.06	0.45	0.16	9.1	23.5	16.62	2.41	4.7	25	0.08	5.5	0.53	798	0.69	0.033	24.7	558.0	5.66	0.02	0.18	4.0	0.3	59.5	0.02	0.7	0.109	0.02	0.3	62	<0.1	76.9
87	0573188 5643955	2	<0.2	2.20	5.2	90.0	0.04	0.75	0.11	11.1	32.5	33.14	3.28	6.4	30	0.08	10.0	0.93	346	0.26	0.035	40.8	428.0	4.57	0.02	0.12	7.3	0.6	112.5	0.02	1.1	0.047	<0.02	0.4	68	<0.1	45.1
88	0573213 5644017	2	0.3	1.57	5.1	96.5	0.04	0.89	0.13	11.0	24.5	24.98	2.67	5.2	35	0.06	7.5	0.81	554	0.38	0.034	34.6	434.0	5.19	0.02	0.16	5.0	0.4	93.0	<0.02	0.9	0.054	<0.02	0.3	58	<0.1	52.4

QC DATA:

Repeat:

1	BL1 611958 6235610	2	0.5	2.57	10.8	298.5	0.16	0.60	0.87	19.1	37.0	66.91	4.83	6.2	155	0.05	18.0	0.58	1661	1.40	0.031	57.9	1235.0	22.66	0.06	0.44	9.0	2.2	48.5	0.04	3.2	0.001	0.15	0.5	63	<0.1	109.7
10	BL10 613251 6234418	2	0.7	1.44	15.1	205.5	0.10	0.84	0.57	8.5	33.0	56.82	3.07	4.4	135	0.03	10.0	0.38	604	1.26	0.025	28.5	1122.0	10.43	0.08	0.28	4.7	1.7	69.0	0.02	0.7	0.003	0.04	1.9	84	<0.1	101.9
19	BL18 614437 6233437	3	1.5	3.75	11.1	1257.0	0.20	0.94	1.84	17.4	43.5	145.40	5.69	8.2	85	0.06	28.0	0.61	4452	1.34	0.030	62.7	2300.0	21.13	0.08	0.68	16.0	2.8	60.0	0.06	1.8	0.001	0.10	1.1	66	<0.1	147.7
28	BL27 615788 6232346	<1	0.5	0.97	8.2	369.0	0.10	0.37	0.49	8.6	17.5	26.85	2.82	3.7	45	0.05	4.5	0.30	867	0.83	0.024	14.9	505.0	13.45	0.04	0.32	0.7	0.4	23.5	0.02	0.1	0.006	0.02	0.2	50	<0.1	94.3
37	617198 6233462	7	0.2	3.21	5.1	90.5	0.04	0.54	0.31	14.5	12.5	25.82	4.14	6.4	35	0.02	7.5	1.13	933	0.98	0.032	13.8	963.0	6.81	0.08	0.12	5.8	0.6	21.5	<0.02	0.6	0.059	0.12	0.8	116	<0.1	79.9
45	617300 6233381	<1	<0.2	1.25	5.8	81.5	0.10	0.04	0.06	8.6	9.0	21.98	3.19	3.3	20	0.01	5.0	0.35	740	0.28	0.024	6.8	737.0	6.28	<0.02	0.34	2.7	0.3	5.5	<0.02	0.4	0.002	0.04	0.5	53	<0.1	59.9
54	617300 6233351	1	<0.2	1.33	8.4	230.5	0.14	0.06	0.06	9.6	8.0	18.27	3.60	4.0	75	0.04	7.0	0.31	726	0.49	0.023	6.6	647.0	9.69	0.02	1.44	2.6	0.5	10.0	0.02	0.2	0.005	0.08	0.7	48	<0.1	67.3
63	617413 6233511	<1	<0.2	1.96	4.6	48.0	0.08	0.09	0.11	11.9	15.5	23.57	3.90	5.7	10	0.03	8.5	0.82	1096	0.37	0.028	13.7	888.0	7.71	0.02	0.08	3.8	0.5	6.0	<0.02	0.5	0.007	0.04	0.6	76	<0.1	73.5
71	0573311 5643247	2	<0.2	2.14	4.4	186.0	0.08	0.61	0.17	13.8	46.5	25.92	3.10	6.5	25	0.17	9.0	0.98	898	0.65	0.030	34.8	434.0	6.68	0.02	0.14	4.5	0.5	47.5	<0.02	0.9	0.095	0.02	0.4	65	<0.1	70.4
80	0573133 5643606	1	<0.2	1.81	4.3	118.0	0.06	4.59	0.15	11.3	38.0	23.78	2.76	6.5	15	0.12	7.5	0.92	421	0.29	0.032	34.0	223.0	5.24	0.02	0.14	6.3	0.5	240.0	0.02	1.2	0.032	0.04	0.5	56	<0.1	45.3

Standard:

Till - 3			1.5	1.10	84.42	38.4	0.30	0.62	0.09	10.1	63.8	20.31	2.08	4.7	108	0.08	15.1	0.62	323	0.67	0.055	32.4	451.1	16.57	0.02	0.65	2.5	0.8	17.6	0.10	1.8	0.048	0.07	1.2	36	<0.1	42.3	
Till - 3			1.4	1.10	85.08	39.0	0.30	0.59	0.09	10.2	64.6	20.33	2.10	4.8	109	0.08	15.4	0.63	320	0.65	0.050	32.8	454.7	15.60	0.02	0.64	2.5	0.8	17.5	0.09	1.8	0.048	0.07	1.2	37	<0.1	40.4	
Till - 3			1.5	1.11	84.65	39.8	0.29	0.59	0.10	10.0	64.4	21.63	2.09	4.8	110	0.08	15.4	0.62	315	0.65	0.051	32.0	457.9	16.01	0.02	0.69	2.5	0.8	17.9	0.07	1.8	0.051	0.07	1.1	37	<0.1	40.5	
Till - 3			1.5	1.11	86.00	40.5	0.29	0.61	0.09	10.1	64.6	21.20	2.12	4.9	113	0.08	15.4	0.63	317	0.66	0.050	32.4	452.2	17.20	0.02	0.65	2.6	0.8	18.9	0.11	1.8	0.051	0.07	1.2	37	<0.1	41.2	
Till - 3			1.5	1.14	79.71	38.3	0.29	0.60	0.10	11.4	63.5	19.24	2.01	4.8	105	0.08	15.3	0.62	303	0.64	0.046	30.4	444.3	16.94	0.02	0.61	2.4	0.7	16.2	0.08	1.5	0.044	0.06	1.2	34	<0.1	39.3	
OXD57		413																																				
OXD57		421																																				
OXD57		416																																				
OXD57		411																																				

ICP/Au 30g Aqua Regia Digest/ICP-MS Finish

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ICP CERTIFICATE OF ANALYSIS AK 2007- 1334

Appleton Exploration Inc.

550-580 Hornby St.

Vancouver, B.C.

V2B 3B6

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 154

Sample Type: Soil

Project: Spring

Submitted by: S. B. Butrenchuk

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	617550 6233600	4	0.06	2.03	12.3	87.0	0.21	0.10	0.08	11.7	30.0	18.6	4.13	7.8	20	0.02	8.5	0.58	1133	0.90	0.023	16.8	1027	9.59	0.04	0.06	2.1	0.4	6.5	0.02	0.5	0.012	0.13	0.7	91	<0.1	82.2
2	617550 6233650	2	0.10	2.64	9.3	108.0	1.04	0.07	0.11	11.8	28.5	19.2	5.10	7.4	50	0.03	6.5	0.72	626	0.87	0.030	19.9	1075	8.96	0.06	1.06	4.4	0.3	6.0	<0.02	3.7	0.010	0.12	0.6	100	<0.1	93.3
3	617550 6233700	1	0.10	1.71	7.7	102.5	0.68	0.07	0.12	8.4	23.0	17.5	3.85	6.7	35	0.03	5.5	0.47	787	0.84	0.025	14.6	1028	7.99	0.08	0.44	2.0	0.2	14.5	0.02	2.3	0.010	0.12	0.6	80	<0.1	88.6
4	617550 6233750	<1	0.24	2.86	11.6	127.0	0.84	0.12	0.14	16.2	69.0	21.2	5.22	8.6	60	0.04	7.0	1.06	1440	0.96	0.054	29.0	892	8.90	0.12	0.52	3.8	0.4	9.0	<0.02	2.8	0.018	0.12	0.8	152	<0.1	120.2
5	617550 6233800	1	0.12	1.78	9.1	13.0	0.36	0.24	0.13	8.5	24.5	18.4	3.14	5.1	45	0.04	9.0	0.43	1068	0.82	0.027	12.6	1413	9.77	0.10	0.20	3.5	0.6	16.0	<0.02	2.1	0.013	0.10	0.9	90	<0.1	89.2
6	617550 6233850	1	0.06	2.05	7.4	231.0	0.30	0.52	0.13	18.8	21.0	39.2	5.56	6.2	15	0.06	16.5	1.02	1205	0.59	0.030	16.5	1031	7.92	0.06	0.38	9.0	0.7	17.5	<0.02	2.5	0.015	0.06	1.7	138	<0.1	81.5
7	617550 6233900	1	0.24	2.50	4.3	190.5	0.20	0.43	0.22	21.6	37.0	21.6	5.03	5.3	75	0.08	5.5	0.71	2006	0.61	0.028	23.8	2049	7.84	0.14	0.20	6.0	0.4	21.5	0.02	2.1	0.034	0.06	0.7	108	<0.1	113.7
8	617550 6233950	2	0.54	1.39	3.7	38.0	0.30	0.93	0.69	16.0	15.0	13.2	2.68	4.4	90	0.06	6.0	0.17	9861	0.87	0.031	6.7	5021	11.00	0.38	0.20	7.7	0.4	38.0	0.02	2.3	0.027	0.38	0.8	98	<0.1	103.3
9	617550 6234000	<1	0.14	1.22	3.2	71.0	0.14	0.11	0.17	14.8	42.0	22.9	4.24	3.9	30	0.03	3.0	0.34	895	0.68	0.024	20.1	369	3.90	0.10	0.10	3.6	0.3	7.0	<0.02	0.8	0.040	0.06	0.4	82	<0.1	32.4
10	617550 6234050	<1	0.12	1.35	9.0	200.0	0.12	0.36	0.12	19.0	16.5	51.1	4.66	4.7	25	0.06	10.5	0.83	1057	0.60	0.024	17.4	778	13.82	0.02	0.08	6.6	0.6	15.0	0.02	1.5	0.009	0.04	0.8	108	<0.1	88.1
11	617550 6234050B	569	2.94	0.91	54.4	32.5	0.46	3.71	2.01	16.7	23.0	4571.0	4.71	4.6	395	0.11	7.5	1.05	689	41.17	0.078	18.2	868	35.29	1.62	8.20	6.9	6.3	176.0	0.22	1.6	0.001	0.14	0.4	74	<0.1	167.7
12	617550 6234100	6	0.14	1.71	5.2	139.5	0.22	0.04	0.16	13.4	20.5	14.7	3.32	5.7	60	0.03	8.5	0.39	1966	0.83	0.029	14.5	1761	9.68	0.08	0.14	3.9	0.3	6.5	<0.02	2.1	0.022	0.08	0.9	66	<0.1	101.1
13	617450 6233600	2	0.06	2.71	3.5	59.0	0.06	0.03	0.10	15.9	8.0	9.5	5.52	5.9	35	0.02	4.5	0.83	687	0.42	0.025	7.6	1613	2.75	0.06	0.06	6.2	0.2	5.5	<0.02	2.0	0.002	0.04	0.6	122	<0.1	75.0
14	617450 6233650	3	0.10	1.39	4.3	28.5	0.12	0.35	0.15	8.3	19.5	12.7	3.04	5.1	25	0.03	4.5	0.46	664	0.52	0.026	13.3	1259	5.06	0.08	0.06	2.8	0.3	15.5	0.02	1.1	0.011	0.06	0.5	68	<0.1	93.9
15	617450 6233700	<1	0.14	2.06	5.7	107.0	0.12	0.14	0.16	14.9	38.0	20.0	4.47	7.6	50	0.05	6.5	0.80	1104	0.58	0.026	21.5	1094	7.48	0.10	0.24	1.6	0.3	8.0	<0.02	0.6	0.013	0.08	0.8	100	<0.1	110.4
16	617450 6233750	<1	0.10	1.38	4.5	89.0	0.10	0.23	0.13	10.8	28.0	14.3	3.73	5.2	30	0.04	5.0	0.65	705	0.39	0.025	16.0	820	6.48	0.08	0.08	1.4	0.2	12.0	<0.02	0.5	0.011	0.04	0.6	84	<0.1	96.5
17	617450 6233800	<1	0.10	1.73	3.4	114.5	0.10	0.19	0.12	13.6	36.5	20.7	4.85	7.3	25	0.03	5.5	0.81	703	0.46	0.025	19.2	381	7.68	0.06	0.04	2.8	0.2	12.5	<0.02	0.5	0.021	0.08	0.6	120	<0.1	94.2
18	617450 6233850	<1	0.06	1.60	3.5	54.0	0.16	0.10	0.14	14.6	45.5	16.1	4.61	5.5	30	0.03	4.5	0.68	1515	0.58	0.021	23.0	660	7.09	0.08	0.08	3.6	0.2	6.5	<0.02	0.7	0.024	0.08	0.7	98	<0.1	75.9
19	617450 6233900	<1	0.04	2.44	8.0	127.5	0.08	0.51	0.15	21.0	72.0	29.9	4.36	6.8	15	0.04	9.5	1.39	1530	0.51	0.029	33.5	868	5.77	<0.02	0.22	10.3	0.5	23.0	<0.02	1.6	0.032	0.04	0.8	112	<0.1	76.7
20	617450 6233950	<1	0.04	1.18	4.6	136.0	0.14	0.31	0.16	7.9	8.5	22.1	2.45	4.6	10	0.03	26.0	0.60	1128	0.35	0.021	7.6	521	6.88	<0.02	0.24	3.6	0.7	10.0	<0.02	1.1	0.001	0.04	1.5	48	<0.1	45.8
21	617450 6234000B	<1	0.12	1.78	10.2	159.0	0.16	0.52	0.22	30.2	57.0	17.1	5.74	9.4	30	0.01	3.0	1.20	3718	0.84	0.042	28.6	700	11.18	<0.02	0.08	3.6	0.0	32.0	<0.02	1.6	0.014	0.12	0.6	200	<0.1	97.8
22	617450 6234000	141	1.26	1.78	42.6	54.5	0.32	3.89	1.49	23.1	36.5	1040.0	5.28	7.0	155	0.20	8.5	1.63	860	18.72	0.107	28.1	1056	34.00	1.02	13.08	8.5	3.3	151.0	0.16	1.6	0.015	0.20	0.7	138	<0.1	91.8
23	617450 6234050	1	0.16	1.48	4.6	107.5	0.10	0.09	0.16	13.4	28.5	15.4	4.30	5.6	50	0.03	5.5	0.58	1367	0.72	0.024	14.9	1008	8.39	0.04	0.18	2.6	0.2	9.5	0.04	0.9	0.016	0.08	0.7	90	<0.1	86.7
24	617450 6234100	<1	0.10	1.31	3.9	74.5	0.14	0.05	0.18	10.7	14.5	13.9	3.41	5.1	45	0.04	6.5	0.36	2767	0.71	0.024	8.0	609	9.08	0.04	0.32	0.7	0.2	7.0	<0.02	0.4	0.006	0.14	0.7	68	<0.1	112.3
25	617350 6233600	3	0.08	1.71	4.9	57.5	0.16	0.98	0.13	13.5	24.5	17.8	4.51	6.4	60	0.02	7.0	0.73	1292	0.71	0.024	16.6	1646	8.48	0.10	0.14	4.3	0.4	35.5	0.04	1.5	0.046	0.06	1.1	120	<0.1	128.0
26	617350 6233650	1	0.16	3.44	7.4	209.5	0.16	0.39	0.21	25.4	35.0	40.4	6.99	10.5	40	0.03	14.5	1.30	1473	0.89	0.026	30.7	1210	12.90	0.02	0.22	7.9	0.6	18.0	<0.02	1.6	0.027	0.10	1.1	162	<0.1	129.8
27	617350 6233700	2	0.50	1.45	11.9	32.0	0.18	1.14	0.19	10.4	36.0	19.8	3.35	4.1	40	0.04	7.0	0.50	628	0.66	0.027	18.8	2294	6.91	0.10	0.12	7.6	0.7	38.0	0.02	1.7	0.033	0.04	1.6	108	<0.1	99.3
28	617350 6233750	<1	0.16	1.54	4.8	182.0	0.12	0.60	0.15	12.0	21.0	17.5	4.57	7.4	30	0.02	4.5	0.55	697	0.83	0.029	12.4	909	7.84	0.04	0.10	2.0	0.2	41.5	<0.02	0.6	0.012	0.04	0.9	114	<0.1	60.3
29	617350 6233800	1	0.26	1.56	3.3	213.0	0.14	0.14	0.14	14.4	23.0	29.3	4.90	7.0	70	0.03	7.0	0.57	2460	0.65	0.021	12.8	1052	9.59	0.02	0.06	2.0	0.3	11.0	<0.02	0.6	0.019	0.06	0.8	132	<0.1	76.5
30	617350 6233850	<1	0.16	1.69	2.5	165.0	0.10	0.22	0.23	15.0	6.5	11.3	3.53	6.9	115	0.03	6.5	0.92	1589	0.69	0.024	6.6	951	6.26	0.10	0.10	2.7	0.3	16.0	<0.02	0.6	0.032	0.06	1.3	116	<0.1	73.4

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
31	617350 6233900	1	0.08	2.52	4.5	185.5	0.08	0.27	0.12	16.9	19.5	24.9	4.81	6.4	65	0.02	5.5	0.56	772	0.58	0.026	13.1	1084	6.19	0.04	0.08	5.6	0.3	15.0	<0.02	1.1	0.043	0.04	0.6	128	<0.1	59.7
32	617350 6233950	<1	0.08	1.90	6.5	60.5	0.14	0.16	0.11	17.7	25.5	26.7	4.81	7.0	30	0.02	7.0	0.90	1291	0.89	0.022	23.6	930	9.44	<0.02	0.60	3.2	0.3	7.0	<0.02	0.5	0.020	0.06	0.8	104	<0.1	100.9
33	617350 6233950B	587	2.76	0.85	57.4	30.5	0.50	3.79	2.22	18.4	24.5	4495.0	4.98	4.8	415	0.10	7.5	1.06	712	37.90	0.076	19.5	897	29.42	1.38	8.38	6.2	6.3	141.0	0.22	1.4	0.002	0.14	0.4	78	<0.1	180.1
34	617350 6234000	4	0.06	1.76	5.3	204.5	0.08	0.45	0.09	20.3	16.5	48.9	5.60	6.1	15	0.03	14.5	0.94	852	0.59	0.025	14.2	873	5.79	<0.02	0.26	9.3	0.6	16.0	<0.02	1.4	0.009	0.04	1.4	138	<0.1	84.7
35	617350 6234050	2	0.12	1.61	4.1	108.0	0.10	0.35	0.14	14.3	30.5	13.5	4.83	6.3	40	0.04	5.5	0.88	905	0.63	0.023	19.9	973	7.90	0.04	0.12	2.7	0.2	16.5	0.02	0.8	0.021	0.06	0.8	98	<0.1	99.4
36	617350 6234100	3	0.10	2.98	7.6	106.5	0.06	0.22	0.13	22.5	62.5	8.7	3.91	7.9	50	0.01	5.5	2.12	1050	0.43	0.027	39.5	1590	5.87	0.06	0.20	7.5	0.3	12.0	<0.02	1.5	0.024	0.06	0.5	100	<0.1	72.5
37	617256 6234098	3	0.18	3.67	4.8	99.5	0.10	0.30	0.14	18.9	27.5	22.0	4.35	8.6	105	0.02	5.0	1.15	1036	0.66	0.035	26.8	1508	4.90	0.10	0.16	3.8	0.4	22.0	0.02	1.1	0.072	0.04	0.6	106	<0.1	72.1
38	617248 6234056	1	0.10	1.48	4.6	199.0	0.08	0.40	0.14	15.3	16.0	42.6	3.72	5.1	20	0.02	12.0	0.72	571	0.37	0.029	15.4	754	5.32	<0.02	0.14	6.3	0.6	19.0	<0.02	0.9	0.006	0.04	1.4	98	<0.1	75.8
39	617249 6233993	1	0.04	1.85	4.4	125.5	0.06	0.49	0.08	19.4	15.5	41.4	4.88	6.1	5	0.03	10.0	1.18	729	0.37	0.024	14.3	650	4.98	<0.02	0.12	8.0	0.4	19.0	<0.02	1.3	0.040	0.02	1.0	114	<0.1	79.7
40	617249 6233949	1	0.12	1.08	4.4	131.0	0.18	0.10	0.22	4.1	7.5	14.1	2.22	3.8	50	0.02	5.5	0.13	716	0.78	0.025	4.2	888	7.35	0.06	0.12	1.7	0.3	14.5	<0.02	0.5	0.010	0.04	0.9	66	<0.1	29.4
41	617250 6233900	1	0.06	2.30	6.3	97.5	0.06	0.16	0.10	17.6	10.5	17.8	5.03	5.4	50	0.02	5.5	0.85	850	0.58	0.024	10.2	1093	6.72	0.04	0.30	4.0	0.3	6.5	0.02	1.3	0.030	0.04	0.9	102	<0.1	96.1
42	617250 6233851	1	0.18	2.85	8.4	105.5	0.06	0.24	0.11	14.8	18.0	21.6	4.66	6.8	45	0.02	6.5	0.91	683	0.60	0.027	18.0	1259	6.30	0.04	0.28	5.3	0.4	9.5	<0.02	1.7	0.026	0.04	0.8	102	<0.1	97.8
43	617251 6233804	1	0.20	2.34	5.0	102.0	0.10	0.43	0.16	13.6	18.5	24.5	4.26	7.3	45	0.02	5.0	0.77	1351	0.70	0.028	12.9	1427	7.65	0.04	0.16	2.8	0.2	20.5	<0.02	0.6	0.030	0.04	0.8	108	<0.1	88.2
44	617252 6233751	2	0.28	2.44	5.8	54.0	0.12	0.76	0.17	10.8	14.0	23.1	3.34	7.2	50	0.02	14.5	0.70	690	0.74	0.027	12.8	2068	7.08	0.10	0.16	4.8	0.8	40.0	0.02	1.4	0.043	0.04	1.1	94	<0.1	81.7
45	617253 6233701	<1	0.08	2.05	6.3	104.5	0.08	0.42	0.12	15.6	28.5	17.2	4.69	7.2	30	0.01	6.5	1.07	760	0.58	0.027	26.1	500	7.41	0.02	0.26	3.3	0.3	16.0	<0.02	0.4	0.031	0.02	0.7	105	<0.1	97.8
46	617259 6233649	<1	0.16	1.73	3.2	125.5	0.12	0.64	0.17	11.1	4.0	8.7	4.33	6.9	25	0.01	4.5	0.41	405	0.92	0.028	5.8	540	11.44	0.04	0.16	1.4	0.1	21.5	<0.02	0.3	0.012	0.06	1.1	136	<0.1	70.8
47	615604 6233359	<1	0.24	1.56	6.9	221.0	0.10	0.35	0.25	15.3	45.0	23.7	4.53	7.0	30	0.03	5.0	0.93	1144	0.69	0.028	30.4	376	10.60	<0.02	0.32	2.4	0.3	16.5	0.04	0.3	0.017	0.02	0.4	100	<0.1	114.4
48	615500 6233329	<1	0.26	0.42	3.5	87.5	0.10	0.31	0.22	2.0	7.0	7.5	1.81	3.7	20	0.02	3.0	0.05	411	0.59	0.023	4.1	181	4.36	<0.02	0.06	0.6	<0.1	13.0	<0.02	0.1	0.005	0.04	0.2	38	<0.1	41.2
49	615403 6233300	1	0.12	0.37	3.4	57.0	0.14	0.13	0.16	2.3	13.0	8.0	2.29	4.5	15	0.01	4.5	0.05	110	0.96	0.024	3.8	117	5.83	<0.02	0.26	0.8	<0.1	9.5	0.02	0.2	0.023	0.02	0.3	64	<0.1	21.0
50	615305 6233227	<1	0.24	0.42	6.0	140.5	0.12	0.16	0.42	4.3	13.5	17.2	2.16	3.7	35	0.02	2.5	0.08	141	1.37	0.022	22.0	453	5.32	<0.02	0.36	0.4	0.2	10.0	0.04	0.2	0.002	0.04	0.1	50	<0.1	71.9
51	615108 6233116	<1	0.42	1.47	9.6	321.5	0.10	0.36	0.34	14.2	37.5	31.4	3.99	6.5	40	0.02	7.5	0.74	756	0.57	0.022	26.0	290	10.39	<0.02	0.22	3.0	0.5	25.5	0.04	0.4	0.016	<0.02	1.3	148	<0.1	112.6
52	615005 6233007	2	0.26	1.16	14.4	297.5	0.06	0.73	0.22	16.8	30.5	33.2	4.12	5.0	80	0.02	8.5	0.73	2117	0.69	0.028	19.2	430	9.03	0.02	0.18	5.0	1.4	53.5	0.02	0.7	0.032	0.02	1.5	178	<0.1	110.3
53	614975 6232930	<1	0.26	1.46	7.0	112.5	0.08	0.03	0.27	7.6	20.5	25.3	3.48	4.1	80	<0.01	2.5	0.24	357	0.90	0.011	16.2	615	11.71	<0.02	0.70	2.6	0.2	3.0	0.02	0.6	0.004	0.04	0.2	48	<0.1	107.1
54	616764 6231406	<1	1.26	1.63	14.6	424.0	0.10	0.72	0.35	13.7	39.5	43.2	3.34	6.6	110	0.02	19.0	0.51	2967	0.97	0.026	24.5	551	11.07	<0.02	0.36	4.9	1.6	35.0	0.02	0.7	0.010	0.08	3.4	90	<0.1	107.7
55	616724 6231328	<1	0.28	0.45	2.1	91.5	0.04	0.20	0.51	4.2	10.5	10.9	1.33	1.0	35	0.02	2.0	0.18	325	0.22	0.025	7.2	431	4.08	<0.02	0.14	1.2	<0.1	13.5	<0.02	0.2	0.016	<0.02	0.2	38	<0.1	62.5
56	616648 6231261	<1	0.20	0.38	4.0	64.0	0.10	0.05	0.09	1.8	5.5	4.8	1.46	3.1	10	<0.01	3.0	0.07	128	0.41	0.018	3.6	191	6.33	<0.02	0.28	1.0	<0.1	4.5	0.02	0.2	0.010	0.02	0.2	32	<0.1	27.4
57	616648 6231261B	139	1.28	1.71	40.9	50.5	0.30	3.95	1.43	22.2	35.0	1093.9	5.04	6.8	155	0.19	8.0	1.54	816	17.65	0.100	27.1	1107	33.03	0.94	13.22	7.7	3.3	144.0	0.12	1.0	0.015	0.18	0.7	132	<0.1	97.7
58	616595 6231184	<1	0.12	0.42	5.2	101.0	0.12	0.11	0.29	2.9	10.0	7.5	2.67	4.5	15	0.02	4.5	0.10	243	0.73	0.020	5.2	209	8.94	<0.02	0.48	2.0	<0.1	9.0	0.02	0.3	0.029	0.04	0.3	68	<0.1	46.7
59	616518 6231126	<1	0.08	1.18	13.7	128.5	0.12	0.20	0.34	10.5	21.5	31.3	3.77	4.9	25	0.03	6.5	0.62	627	1.39	0.019	27.1	556	15.36	<0.02	0.68	4.0	0.4	13.0	<0.02	1.2	0.011	0.04	0.4	54	<0.1	122.4
60	616433 6231071	<1	0.06	0.17	2.5	120.5	0.04	0.09	0.33	1.5	4.5	4.4	0.94	1.4	10	<0.01	1.5	0.03	160	0.27	0.017	3.6	83	3.56	<0.02	0.04	0.8	<0.1	8.0	<0.02	0.2	0.005	<0.02	<0.1	22	<0.1	25.9
61	616325 6231082	<1	0.74	0.24	2.4	156.5	0.04	1.62	0.89	4.5	5.0	11.3	0.94	0.9	75	0.02	2.0	0.19	743	0.38	0.028	5.7	405	5.10	0.04	0.14	0.8	0.1	55.0	0.02	0.3	0.006	<0.02	0.1	18	<0.1	53.6
62	616236 6231080	<1	0.16	1.21	8.3	233.0	0.12	0.23	0.31	9.8	17.5	14.2	3.69	5.8	20	0.04	5.5	0.47	861	0.81	0.019	17.3	1500	11.19	<0.02	0.58	2.8	0.2	12.5	<0.02	0.8	0.007	0.04	0.3	62	<0.1	209.7
63	616192 6230996	<1	0.24	0.74	7.3	148.0	0.14	0.12	0.33	5.8	14.0	11.8	3.19	4.9	15	0.02	5.0	0.26	551	0.81	0.019	11.0	762	11.70	<0.02	0.54	1.8	0.2	8.5	<0.02	0.4	0.010	0.04	0.3	62	<0.1	81.7
64	614464 6235099	1	0.16	1.70	8.5	61.5	0.10	0.37	0.18	19.4	142.5	23.9	4.23	9.5	35	0.03	8.0	1.44	2516	0.61	0.023	38.2	1333	11.24	0.06	0.14	6.3	0.6	17.0	<0.02	1.2	0.042	0.04	1.3	144	<0.1	

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
76	617133 6233603	1	0.14	1.22	2.9	208.0	0.06	0.65	0.29	10.5	6.5	12.5	2.95	4.4	30	0.06	9.0	0.51	1752	0.66	0.025	4.2	1319	7.37	0.04	0.12	2.0	0.3	27.5	<0.02	0.8	0.016	0.04	0.7	46	<0.1	104.1
77	617135 6233658	5	0.54	2.08	4.5	51.0	0.14	0.61	0.40	10.5	17.0	22.2	3.26	7.2	75	0.03	38.0	0.60	1711	0.92	0.031	12.2	2873	7.85	0.12	0.16	4.4	1.9	27.0	<0.02	1.4	0.048	0.06	1.4	92	<0.1	72.8
78	617141 6233697	2	0.18	1.69	6.3	15.5	0.14	0.92	0.19	16.0	59.0	17.7	3.37	6.2	30	0.02	9.0	0.97	1836	0.69	0.028	23.6	1999	9.71	0.06	0.30	4.8	0.4	32.0	0.02	1.3	0.037	0.04	1.0	88	<0.1	165.1
79	617142 6233750	2	0.16	3.33	4.8	66.5	0.08	0.38	0.15	12.8	20.0	23.7	3.46	8.8	80	0.01	6.0	0.93	696	0.93	0.025	18.6	1447	5.50	0.02	0.18	4.8	0.6	17.5	<0.02	1.7	0.077	0.04	1.2	84	<0.1	103.9
80	617146 6233800	<1	0.30	1.54	2.8	89.5	0.12	0.17	0.16	10.2	11.0	24.2	4.29	7.2	75	0.02	4.0	0.63	897	0.60	0.023	8.0	728	8.00	<0.02	0.12	2.1	0.1	10.5	<0.02	0.3	0.023	0.04	0.9	130	<0.1	71.5
81	617156 6233847	<1	0.26	1.19	2.6	75.5	0.16	0.18	0.20	9.9	20.0	14.2	4.80	8.4	40	0.02	4.5	0.53	529	0.56	0.022	11.4	273	10.84	<0.02	0.20	1.8	<0.1	8.0	<0.02	0.2	0.023	0.06	0.7	132	<0.1	79.2
82	617147 6233900	<1	0.14	1.76	2.7	132.0	0.10	0.11	0.19	12.7	10.0	20.2	4.74	7.3	60	0.01	4.5	0.57	878	0.75	0.023	8.1	420	6.65	<0.02	0.06	1.7	0.2	9.5	0.02	0.2	0.020	0.06	1.2	128	<0.1	86.3
83	617148 6233950	<1	0.18	2.24	3.6	143.5	0.10	0.27	0.18	17.3	20.0	28.1	4.78	6.9	80	0.03	7.5	0.97	845	0.59	0.024	17.7	900	6.36	0.06	0.14	2.4	0.4	18.5	<0.02	0.5	0.028	0.04	1.0	120	<0.1	73.7
84	617143 6234001	<1	0.12	1.07	3.8	83.0	0.10	0.12	0.14	12.4	23.0	15.1	3.03	4.1	70	<0.01	6.0	0.53	677	0.65	0.019	20.2	416	6.63	<0.02	0.18	0.8	0.3	8.5	<0.02	0.2	0.008	0.04	0.6	66	<0.1	55.1
85	617150 6234048	2	0.14	2.00	4.3	125.0	0.10	0.17	0.09	15.1	12.5	26.6	4.93	6.4	30	0.01	7.0	0.67	753	0.56	0.024	10.6	1802	5.60	0.04	0.18	8.2	0.3	13.5	0.02	1.5	0.021	0.06	1.1	116	<0.1	64.8
86	617145 6234101	<1	0.04	1.00	3.1	95.0	0.04	0.52	0.08	14.6	3.5	50.8	4.38	4.2	5	0.02	17.0	0.49	825	0.37	0.021	4.0	1005	4.37	<0.02	0.08	7.2	0.7	11.5	<0.02	1.2	0.007	<0.02	0.9	96	<0.1	51.8
87	617155 6234116	2	0.12	1.56	5.6	268.5	0.06	0.58	0.21	18.6	21.0	39.4	4.71	5.6	35	0.04	11.0	0.88	770	0.43	0.025	16.2	845	7.11	<0.02	0.16	7.7	0.8	20.5	<0.02	1.2	0.011	0.04	2.2	132	<0.1	92.3
88	617240 6233602	10	0.98	3.33	7.5	93.5	0.20	0.84	0.18	10.1	22.0	32.6	3.02	11.4	95	0.02	98.5	0.45	1928	1.01	0.031	13.9	4431	11.28	0.20	0.30	21.8	3.8	36.0	0.02	4.5	0.032	0.08	4.7	106	<0.1	67.4
89	614609 6232813	<1	0.42	0.41	6.0	113.5	0.12	0.09	0.92	3.4	10.0	13.3	2.14	3.6	35	0.01	2.5	0.07	236	0.86	0.020	6.5	399	9.77	<0.02	0.57	0.6	0.1	6.5	0.02	0.1	0.005	0.04	0.2	46	<0.1	49.9
90	614528 6232023	6	1.06	1.24	7.0	435.5	0.10	0.30	0.87	6.4	24.5	26.5	2.80	4.3	110	0.01	7.5	0.39	444	0.59	0.020	25.5	754	13.59	<0.02	0.34	4.4	0.5	16.5	0.02	1.0	0.005	0.06	0.4	40	<0.1	198.2
91	614441 6232842	<1	0.44	0.24	3.9	64.5	0.10	0.07	0.21	1.9	5.0	7.1	1.43	3.1	15	<0.01	3.0	0.02	63	0.68	0.019	3.2	112	4.56	<0.02	0.50	0.8	<0.1	6.0	<0.02	<0.1	0.004	0.04	0.2	36	<0.1	29.9
92	614358 6232903	7	0.16	0.97	11.4	92.5	0.18	0.07	0.37	3.0	15.0	8.1	3.36	6.3	75	0.01	4.0	0.13	161	1.17	0.021	8.3	774	34.28	<0.02	0.62	1.6	0.2	6.0	0.04	0.4	0.009	0.04	0.2	64	<0.1	65.0
93	614272 6232900	<1	0.06	0.78	7.0	85.5	0.14	0.03	0.16	2.5	13.0	8.3	1.78	6.0	30	<0.01	3.0	0.12	184	0.84	0.020	6.8	296	14.41	<0.02	0.38	0.7	0.1	4.0	<0.02	0.1	0.007	0.04	0.2	46	<0.1	45.8
94	614173 6232900	1	0.04	0.84	3.7	76.5	0.16	0.06	0.11	10.2	39.0	3.4	4.21	7.6	25	<0.01	4.5	0.62	1064	0.61	0.021	19.2	239	19.34	<0.02	0.58	3.3	0.1	5.5	<0.02	0.6	0.081	0.04	0.2	134	<0.1	96.7
95	614243 6232974	<1	2.28	0.86	8.2	792.5	0.14	0.49	2.54	9.5	14.0	24.3	2.48	3.8	45	0.02	6.5	0.18	1617	1.65	0.022	13.5	482	40.63	<0.02	0.48	2.1	0.3	23.0	<0.02	0.5	0.002	0.04	0.3	38	<0.1	302.2
96	614331 6232970	<1	0.56	0.12	1.9	456.0	<0.02	0.81	0.56	0.8	2.5	14.9	0.23	0.3	65	<0.01	1.5	0.08	294	0.24	0.027	3.4	219	1.14	<0.02	0.20	0.4	0.3	27.0	<0.02	<0.1	0.001	<0.02	<0.1	<2	<0.1	14.1
97	614422 6232990	<1	0.36	0.30	2.2	351.0	0.10	0.23	0.37	0.9	4.5	7.6	0.47	1.9	50	0.03	4.5	0.03	76	0.27	0.021	2.1	200	6.61	<0.02	0.14	0.3	0.1	17.0	<0.02	<0.1	0.002	0.02	0.2	10	<0.1	14.9
98	614485 6232984	<1	0.60	0.52	6.0	176.0	0.14	0.11	0.23	3.0	8.0	9.1	2.13	4.1	40	0.02	4.0	0.07	130	0.75	0.019	7.5	352	8.90	<0.02	0.56	0.7	0.1	7.5	0.02	0.2	0.005	0.04	0.2	42	<0.1	38.2
99	614584 6233048	<1	0.30	1.14	10.9	105.5	0.16	0.07	0.28	5.4	18.0	23.9	4.98	7.5	65	0.01	4.5	0.22	249	1.08	0.023	11.9	1465	11.30	<0.02	0.68	2.5	0.2	6.0	0.04	0.6	0.011	0.04	0.3	80	<0.1	79.2
100	614656 6233045	<1	0.60	0.34	7.3	225.5	0.10	0.15	0.69	3.1	7.0	17.4	2.06	3.0	45	0.02	3.0	0.04	114	0.95	0.021	6.2	319	7.14	<0.02	0.60	0.9	0.1	12.0	0.02	0.2	0.005	0.04	0.2	50	<0.1	63.4
101	614695 6233142	<1	0.70	0.24	4.5	136.5	0.08	0.14	0.45	1.7	6.0	10.1	1.31	2.7	35	0.02	3.0	0.03	76	0.61	0.020	3.3	141	5.03	<0.02	0.28	0.4	0.1	11.5	0.04	<0.1	0.002	0.02	0.2	32	<0.1	35.0
102	613013 6233882	<1	3.02	1.00	39.7	164.5	0.18	0.22	7.81	8.0	13.0	17.2	7.18	5.4	55	0.02	2.0	0.11	1658	3.61	0.019	12.9	1775	148.90	<0.02	2.18	4.1	0.2	4.5	0.04	0.8	0.001	0.12	0.2	52	<0.1	1378.0
103	613116 6233839	<1	1.30	1.35	28.2	397.5	0.14	0.21	7.09	11.7	25.5	23.0	5.03	5.6	90	0.02	3.0	0.33	1337	2.56	0.021	23.2	836	65.87	<0.02	1.26	3.6	0.3	6.0	0.06	0.7	0.002	0.08	0.2	66	<0.1	1234.0
104	614723 6232797	<1	1.10	0.35	10.5	336.5	0.12	0.65	5.95	5.5	5.0	37.1	0.90	1.5	250	0.02	5.0	0.30	3508	2.20	0.020	21.0	1210	5.40	<0.02	0.80	1.5	1.0	18.5	0.04	0.0	0.005	0.07	0.2	47	<0.1	109.0
105	612936 6233961	<1	2.84	0.40	18.5	259.0	0.14	0.51	11.39	5.8	5.5	5.1	2.80	2.6	55	0.03	4.5	0.02	3526	2.02	0.020	4.8	2768	153.60	<0.02	1.64	2.8	0.3	5.0	<0.02	0.5	0.002	0.08	0.3	22	<0.1	1097.0
106	612860 6233946	3	9.98	1.32	37.8	516.0	0.12	0.56	49.48	7.6	18.5	22.2	4.72	5.2	670	0.03	39.5	0.10	3980	2.25	0.021	30.4	1970	318.20	<0.02	1.82	13.5	2.5	6.5	0.02	1.8	0.002	0.16	0.7	34	<0.1	5760.0
107	612465 6233776	3	0.96	1.64	24.4	550.0	0.12	0.41	2.22	23.5	47.5	101.7	5.33	6.7	155	0.03	11.0	1.11	1756	1.68	0.024	60.2	552	83.93	<0.02	2.56	13.2	0.9	19.0	0.04	1.5	0.034	0.14	0.3	88	<0.1	271.5
108	612768 6233932	<1	0.88	0.80	15.0	168.5	0.12	0.18	2.39	5.8	12.0	12.5	3.60	3.4	35	0.03	3.0	0.13	390	1.41	0.018	10.9	424	73.95	<0.02	1.36	3.7	0.2	6.5	0.04	0.7	0.002	0.06	0.2	36	<0.1	433.2
109	612568 6233798	<1	2.12	1.02	20.5	648.0	0.16	0.31	3.21	14.8	19.5	32.7	4.76	5.4	45	0.04	5.5	0.22	2601	1.91	0.023	17.1	545	64.44	<0.02	1.22	5.5	0.4	20.5	0.04	0.9	0.007					

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
121	615699 6233480	1	0.28	1.28	7.3	127.5	0.08	0.98	0.23	9.5	25.5	23.7	2.22	5.3	55	0.02	8.0	0.53	562	0.34	0.031	21.5	596	8.21	0.10	0.22	3.7	2.2	49.0	0.04	0.7	0.024	0.04	0.9	66	<0.1	64.5
122	615672 6233404	<1	0.56	1.56	4.7	345.0	0.14	0.30	0.56	23.4	21.0	23.8	2.70	5.9	30	0.03	8.0	0.32	2066	1.26	0.022	19.5	978	14.63	0.02	0.06	4.5	0.4	23.0	0.02	1.2	0.002	0.06	0.5	48	<0.1	70.9
123	613561 6232592	<1	0.40	0.45	4.6	334.0	0.12	0.16	0.71	4.2	6.5	11.9	1.42	2.7	30	0.02	4.0	0.09	255	0.51	0.027	5.3	497	8.20	<0.02	0.50	0.8	0.1	15.5	0.04	0.1	0.012	<0.02	0.2	24	<0.1	53.2
124	613561 6232537	<1	0.38	0.60	7.5	311.0	0.10	0.27	1.16	6.5	11.0	14.2	2.89	3.2	30	0.04	2.5	0.18	430	1.01	0.020	9.8	484	18.50	<0.02	0.76	1.2	0.1	17.0	0.04	0.2	0.005	0.02	0.2	44	<0.1	104.7
125	613575 6232424	<1	0.20	0.87	12.3	198.0	0.10	0.21	0.48	12.9	22.5	20.8	3.52	4.1	40	0.02	4.0	0.47	1157	1.43	0.025	21.4	360	18.17	<0.02	0.84	2.8	0.4	15.0	0.04	0.4	0.018	0.04	0.4	64	<0.1	122.0
126	613613 6232675	<1	0.04	0.63	7.8	85.0	0.08	0.08	0.12	4.3	11.5	14.7	1.78	2.4	15	<0.01	2.5	0.25	156	0.50	0.017	14.3	214	8.20	<0.02	0.24	1.5	0.1	5.5	<0.02	0.3	0.001	0.02	0.1	22	<0.1	52.9
127	613648 6232737	<1	0.22	0.47	8.8	153.0	0.12	0.12	0.44	4.1	10.0	9.7	2.13	3.6	10	0.02	3.5	0.15	212	0.86	0.107	9.0	310	15.77	<0.02	0.46	1.2	0.1	9.0	0.06	0.2	0.012	0.02	0.1	36	<0.1	106.0
128	613714 6232815	<1	0.48	0.70	6.7	197.0	0.12	0.09	0.30	7.3	22.0	10.3	2.95	4.0	20	0.02	4.0	0.24	606	0.71	0.021	12.9	362	15.20	<0.02	0.46	1.4	0.2	8.5	<0.02	0.3	0.007	0.02	0.3	52	<0.1	116.8
129	613724 6232968	<1	0.32	1.05	7.6	115.5	0.12	0.18	0.51	8.3	23.0	15.3	2.81	4.5	45	0.03	9.5	0.35	428	0.75	0.018	25.1	730	8.67	<0.02	0.40	1.9	0.3	11.0	0.02	0.8	0.008	0.04	0.3	34	<0.1	114.2
130	613743 6232882	<1	1.12	0.24	3.9	520.5	0.08	0.85	4.05	1.9	6.5	24.3	1.19	1.7	80	0.04	2.0	0.09	248	0.61	0.040	5.4	449	23.52	0.06	0.42	0.7	0.1	38.0	<0.02	0.3	0.004	<0.02	0.1	22	<0.1	70.3
131	613766 6233041	<1	0.66	0.99	28.3	297.0	0.14	0.13	1.19	7.2	16.5	26.3	4.18	5.8	55	0.02	4.0	0.27	485	1.74	0.020	16.3	1292	57.65	<0.02	2.24	2.6	0.3	10.0	0.04	0.5	0.004	0.06	0.1	52	<0.1	333.1
132	613841 6232973	<1	0.30	1.53	14.2	263.0	0.16	0.19	1.00	11.2	27.5	24.2	4.50	6.2	35	0.04	4.5	0.47	498	1.42	0.025	26.3	402	22.76	<0.02	0.92	3.3	0.3	12.0	0.04	0.7	0.009	0.04	0.3	64	<0.1	151.8
133	613841 6232973B	555	2.96	0.90	53.3	28.5	0.30	3.93	2.34	18.1	24.0	4527.0	4.77	4.8	430	0.10	8.0	1.08	798	40.08	0.078	19.1	962	32.49	1.60	8.08	6.1	6.8	165.5	0.20	1.5	0.005	0.14	0.5	82	<0.1	176.5
134	613842 6233055	1	0.93	1.26	13.5	343.8	0.11	0.18	0.98	9.4	18.5	18.3	3.96	5.2	56	0.02	4.6	0.33	488	1.13	0.039	17.9	1030	36.22	<0.02	0.78	3.9	0.2	8.3	0.02	0.7	0.004	0.04	0.4	52	<0.1	337.2
135	613939 6233003	<1	0.80	0.11	2.3	498.0	<0.02	1.45	4.35	0.8	2.0	47.8	0.19	0.4	110	<0.01	3.5	0.11	246	0.35	0.024	10.5	412	1.81	0.06	0.32	0.6	0.8	62.5	0.02	0.1	0.001	<0.02	<0.1	<2	<0.1	181.9
136	614008 6232989	<1	0.32	0.72	9.6	124.5	0.14	0.11	0.67	4.4	11.5	12.6	2.99	6.1	40	0.02	3.5	0.11	286	1.03	0.021	8.8	455	10.89	<0.02	0.62	1.4	0.2	8.5	<0.02	0.3	0.008	0.04	0.2	60	<0.1	101.7
137	614061 6233908	<1	0.30	0.40	4.7	140.0	0.10	0.10	0.26	2.4	6.5	6.9	1.83	3.9	30	0.01	3.5	0.05	189	0.72	0.019	4.1	204	5.39	<0.02	0.60	0.9	0.1	6.0	0.02	0.2	0.012	0.04	0.2	44	<0.1	44.3
138	613036 6233936	<1	0.26	0.09	2.8	695.0	<0.02	3.81	1.11	1.1	3.0	14.8	0.66	0.3	95	<0.01	0.5	0.06	789	0.63	0.032	5.5	552	1.09	0.12	0.22	0.4	0.3	66.5	<0.02	0.2	0.001	<0.02	0.1	2	10.0	21.8
139	612959 6234360	<1	0.86	0.42	5.2	531.0	0.08	1.75	0.73	3.1	16.0	89.5	1.05	2.2	80	0.02	4.5	0.10	211	0.62	0.022	10.5	361	6.60	0.04	0.20	1.1	0.5	36.0	0.02	0.3	0.006	<0.02	0.9	28	<0.1	28.0
140	612962 6234272	<1	0.58	0.83	14.5	381.0	0.10	0.29	0.58	8.0	19.0	24.7	2.69	4.2	20	<0.01	2.0	0.16	584	2.85	0.018	12.1	207	69.85	<0.02	0.82	1.8	0.2	17.0	0.02	0.4	0.001	0.06	0.3	58	<0.1	358.2
141	612970 6234090	4	0.92	0.08	2.3	444.5	<0.02	3.14	5.43	0.5	1.5	54.3	0.11	0.2	80	<0.01	0.5	0.05	81	0.38	0.030	6.5	360	1.38	0.08	0.56	0.3	1.0	56.0	<0.02	0.3	0.001	0.02	0.6	2	10.0	167.5
142	612980 6234181	2	0.71	1.58	13.8	1096.0	0.12	0.58	1.21	11.7	49.0	76.4	4.10	6.5	45	0.02	6.5	0.58	680	1.71	0.023	32.8	452	36.02	<0.02	0.32	3.2	0.6	29.0	0.02	1.0	0.002	0.06	0.8	99	<0.1	233.6
143	612994 6233985	1	0.50	1.50	17.6	428.5	0.12	0.62	0.21	14.9	66.0	49.6	4.06	6.3	100	0.02	10.5	0.74	1471	1.53	0.025	43.7	635	13.95	<0.02	0.24	6.2	1.4	30.5	0.02	1.3	0.007	0.08	2.2	106	<0.1	108.0
144	612992 6234446	<1	0.36	1.39	18.0	502.0	0.16	0.09	0.40	9.0	25.0	104.1	4.77	7.4	30	0.03	4.0	0.27	474	2.86	0.022	19.4	383	27.21	<0.02	0.94	3.9	0.2	7.0	0.08	0.8	0.005	0.06	0.2	78	<0.1	209.2
145	612995 6234534	<1	0.56	0.38	3.4	221.5	0.06	1.51	0.55	3.7	11.0	23.8	1.01	1.3	130	0.03	3.5	0.16	326	0.98	0.026	12.9	402	8.56	0.04	0.30	1.1	0.3	65.5	0.02	0.4	0.006	0.04	0.3	24	<0.1	27.5
146	613102 6233870	<1	0.48	0.33	4.5	659.5	0.04	3.66	1.67	5.7	12.5	17.2	1.97	1.2	165	0.02	2.5	0.17	969	1.16	0.034	9.6	958	3.78	0.16	0.24	1.5	0.6	91.0	0.02	0.5	0.004	0.02	0.5	26	<0.1	37.7
147	613160 6233766	<1	0.96	1.46	9.3	269.0	0.10	0.16	0.58	7.9	43.0	25.6	3.72	5.2	55	<0.01	3.0	0.55	359	1.35	0.021	27.5	154	20.81	<0.02	0.34	3.2	0.3	11.0	<0.02	0.6	0.001	0.04	0.3	82	<0.1	200.8
148	617350 6234015	<1	0.06	1.29	6.4	250.0	0.10	0.44	0.17	14.0	16.0	38.9	3.98	4.7	20	0.03	14.5	0.75	810	0.55	0.024	13.3	643	9.20	<0.02	0.14	5.4	0.5	19.5	<0.02	1.4	0.014	0.04	2.1	106	<0.1	71.0
149	617385 6233991	<1	0.06	1.49	4.8	195.5	0.06	0.44	0.12	18.8	14.5	40.5	4.97	5.4	10	0.03	13.0	0.83	782	0.40	0.023	12.4	832	6.48	<0.02	0.14	8.1	0.6	15.0	<0.02	1.6	0.009	0.02	1.4	128	<0.1	77.4
150	617403 6233612	<1	0.10	1.84	6.9	363.5	0.06	0.77	0.23	17.3	9.5	14.3	5.80	5.0	25	0.03	11.0	0.87	1381	0.38	0.026	7.7	970	8.91	0.02	0.16	7.0	1.0	36.0	<0.02	1.4	0.010	0.04	1.3	142	<0.1	109.6
151	617450 6233611	1	0.12	1.74	6.3	145.5	0.08	0.86	0.44	17.7	13.0	17.1	5.52	4.7	25	0.04	9.5	0.87	1754	0.52	0.030	8.6	1114	9.64	0.06	0.08	6.4	0.8	38.0	0.02	1.6	0.016	0.06	1.2	130	<0.1	122.8
152	617550 6233865	<1	0.06	1.37	5.9	238.5	0.12	0.45	0.19	16.7	17.0	37.0	4.63	5.2	10	0.04	16.0	0.77	1042	0.62	0.025	13.9	800	8.48	<0.02	0.30	6.6	0.6	16.0	0.02	1.6	0.016	0.04	1.9	118	<0.1	76.4
153	617563 6234032	<1	0.24	1.47	12.3	418.0	0.12	0.55	0.07	10.5	24.5	56.2	3.54	5.9	25	0.04	12.5	0.65	414	0.39	0.026	12.7	548	9.80	<0.02	0.20	3.2	0.6	35.5	<0.02	1.2	0.008	0.08	3.1	108	<0.1	59.8
154	617450 6233953	<1	0.08	1.71	5.8	247.0	0.10	0.54	0.20	19.0	18.0	41.5	5.09	5.9	15	0.04	16.0	0.91	1048	0.54	0.027	14.7	948	9.25	<0.02	0.26	8.2	0.6	17.5	&							

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
71	614039 6234663	<1	0.18	1.06	5.6	117.0	0.08	0.22	0.24	12.7	42.0	17.4	3.85	4.7	35	0.02	3.5	0.70	749	0.89	0.018	35.2	210	13.44	<0.02	0.32	1.6	0.2	10.5	<0.02	0.2	0.012	0.02	0.4	75	<0.1	116.3
80	617146 6233800	<1	0.36	1.57	3.2	92.0	0.12	0.17	0.19	11.6	12.5	24.1	4.45	8.6	80	0.02	4.5	0.65	913	0.66	0.023	9.3	722	9.06	<0.02	0.14	1.9	0.2	11.0	<0.02	0.3	0.024	0.04	1.1	136	<0.1	73.5
89	614609 6232813	1	0.46	0.44	6.5	124.0	0.12	0.09	0.95	3.6	10.0	13.9	2.27	4.0	40	0.01	2.5	0.07	243	0.94	0.022	6.9	423	10.50	<0.02	0.60	0.8	0.1	6.5	<0.02	0.2	0.004	0.04	0.2	48	<0.1	52.6
98	614485 6232984	<1	0.58	0.54	6.2	182.0	0.14	0.12	0.23	3.1	9.0	9.4	2.24	4.5	40	0.02	4.5	0.07	137	0.79	0.020	7.6	366	9.10	<0.02	0.60	0.8	0.1	8.0	<0.02	0.2	0.006	0.04	0.2	44	<0.1	39.6
106	612860 6233946	2	10.42	1.39	38.8	535.0	0.12	0.58	51.25	7.9	21.0	23.1	4.91	6.0	680	0.03	42.0	0.11	4098	2.31	0.022	31.1	2061	329.00	<0.02	1.84	16.1	2.5	7.5	0.02	1.3	0.001	0.16	0.8	38	<0.1	5845.0
115	616200 6233465	<1	0.78	0.65	4.4	251.0	0.12	0.30	0.11	5.3	14.5	18.0	2.67	4.4	30	0.03	3.5	0.22	789	0.62	0.020	6.5	361	8.03	<0.02	0.14	1.1	0.2	26.5	0.02	0.2	0.019	0.02	0.4	86	<0.1	67.7
124	613561 6232537	<1	0.38	0.63	8.2	327.0	0.10	0.28	1.12	6.8	11.5	15.4	3.02	3.7	25	0.05	3.0	0.20	440	0.99	0.022	10.4	509	18.15	<0.02	0.88	1.3	0.2	17.5	0.04	0.3	0.007	0.04	0.2	48	<0.1	110.9
150	617403 6233612	1	0.10	1.90	7.4	370.0	0.06	0.81	0.23	19.0	10.5	15.4	5.96	5.6	25	0.04	12.0	0.91	1446	0.40	0.028	8.3	1009	9.38	0.03	0.16	8.3	1.1	40.0	<0.02	1.7	0.011	0.04	1.3	148	<0.1	112.4

Standard:

Till - 3		1.54	1.10	84.4	38.4	0.30	0.62	0.09	10.1	63.8	20.31	2.08	4.7	108	0.08	15.1	0.62	323	0.67	0.055	32.4	451.1	16.57	0.02	0.65	3.5	0.8	17.6	0.10	2.8	0.048	0.07	1.2	36	<0.1	42.3	
Till - 3		1.40	1.11	85.1	39.0	0.30	0.59	0.09	10.2	64.6	20.33	2.10	4.8	109	0.08	15.4	0.63	325	0.65	0.050	32.8	454.7	15.60	0.02	0.64	3.5	0.8	17.5	0.09	2.8	0.048	0.07	1.2	37	<0.1	40.4	
Till - 3		1.50	1.09	84.7	39.8	0.29	0.59	0.10	10.0	64.4	21.63	2.09	4.8	110	0.08	15.4	0.62	325	0.65	0.051	32.0	457.9	16.01	0.02	0.69	3.5	0.8	17.9	0.07	2.8	0.051	0.07	1.1	37	<0.1	40.5	
Till - 3		1.60	1.03	86.3	40.5	0.29	0.61	0.09	10.1	64.6	21.20	2.12	4.9	113	0.08	15.4	0.63	327	0.66	0.050	32.4	452.2	17.20	0.02	0.65	3.6	0.8	18.9	0.11	2.8	0.051	0.07	1.2	37	<0.1	41.2	
Till - 3		1.54	1.11	79.7	38.3	0.29	0.60	0.10	9.4	63.5	19.24	2.01	4.8	105	0.08	15.3	0.62	303	0.64	0.046	30.4	444.3	16.94	0.02	0.61	3.4	0.7	16.2	0.08	2.5	0.044	0.06	1.2	34	<0.1	39.3	
Till - 3		1.40	1.11	85.1	39.0	0.30	0.59	0.09	10.2	64.6	20.33	2.10	4.8	109	0.08	15.4	0.63	325	0.65	0.050	32.8	454.7	15.60	0.02	0.64	3.5	0.8	17.5	0.09	2.8	0.048	0.07	1.2	37	<0.1	40.4	
SE29	610																																				
SE29	608																																				
SE29	614																																				
SE29	616																																				
SE29	598																																				
SE29	597																																				

ICP/ Au 30g Aqua Regia Digest/ ICP MS Finish

ECO TECH LABORATORY LTD.

Jutta Jealouse
B.C. Certified Assayer

JJ/jl
dt/msr1334
XLS/07



LEGEND

Lower-Middle Jurassic: Hazelton Group

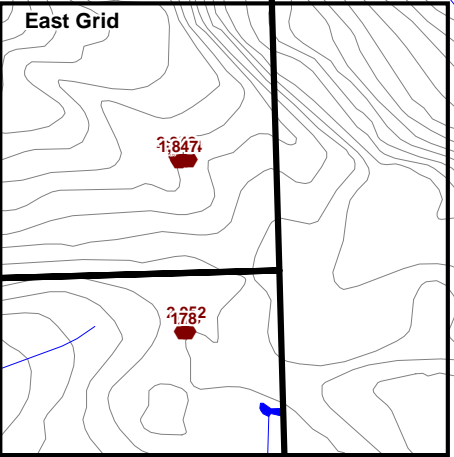
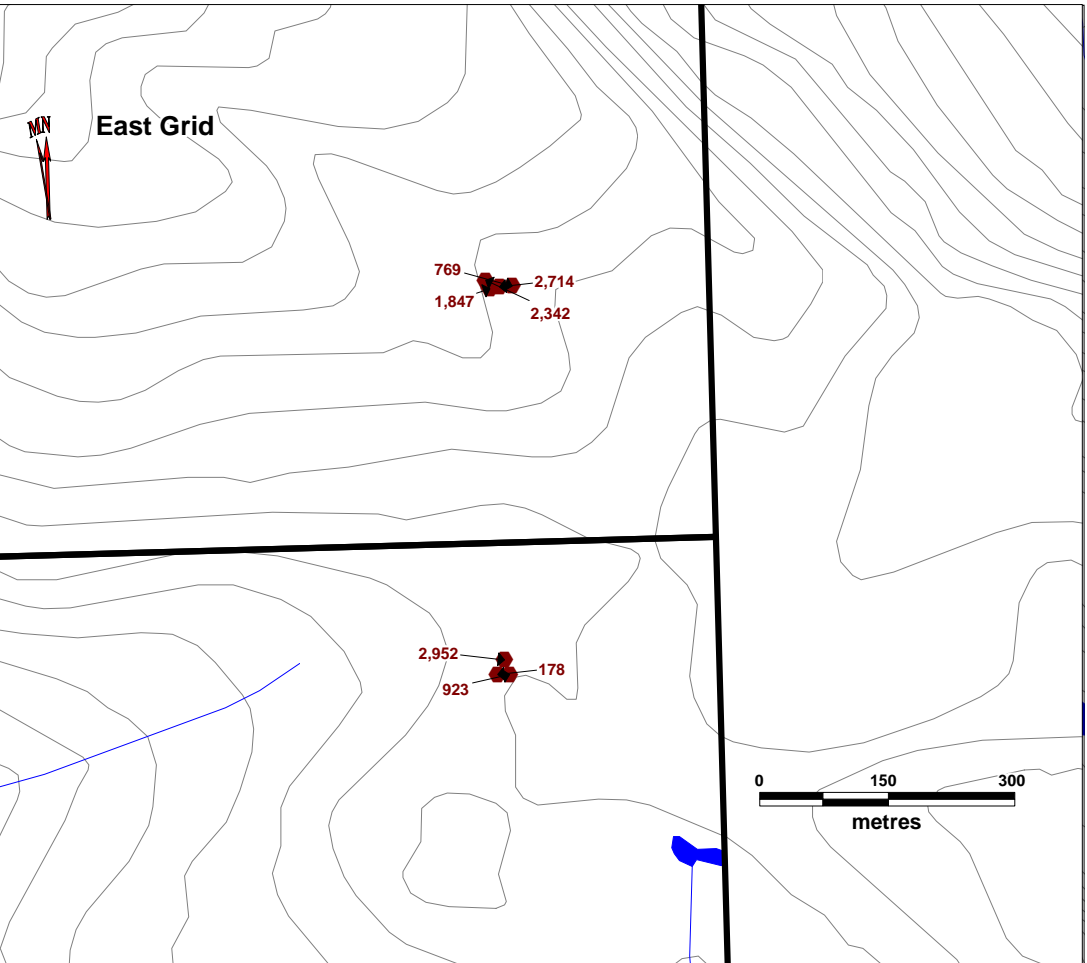
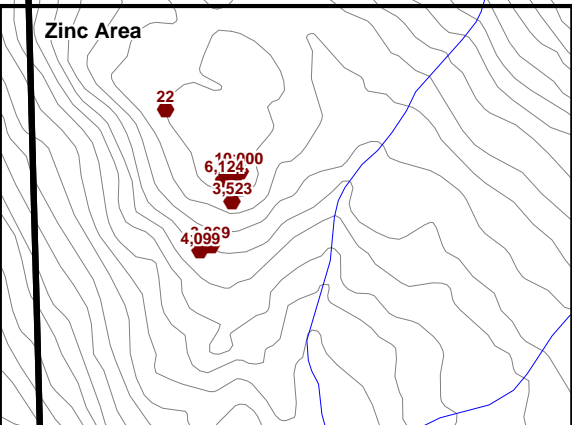
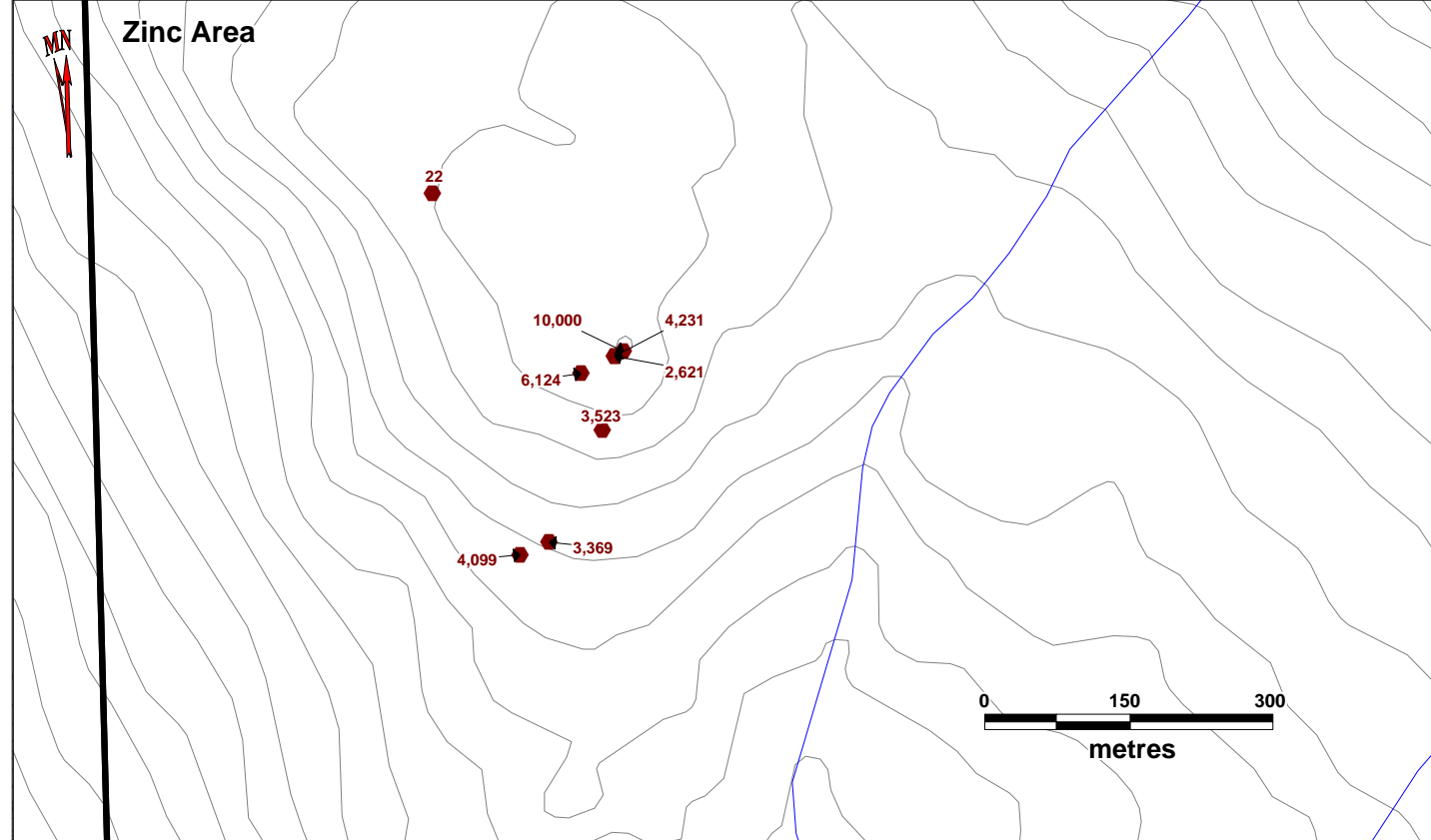
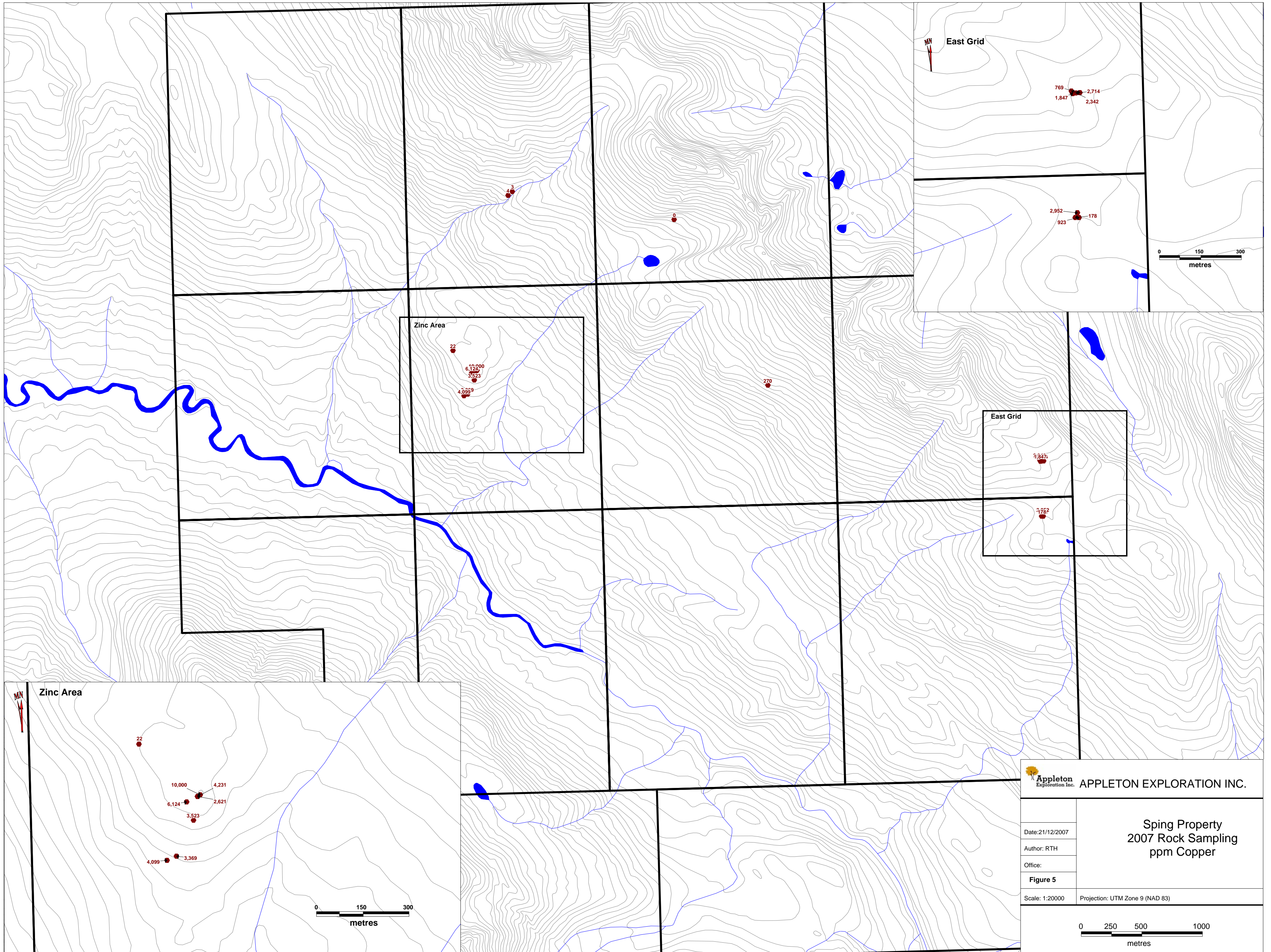
- 6 Basalt: flows, in part vesicular
- 5 Volcaniclastics: mafic tuffs; minor dacite tuffs, lapilli tuff
- 4 Limestone
- 3 Andesite
- 2 Rhyolite, rhyolite tuffs
- 1 Volcaniclastics: crystal and lithic tuffs; undifferentiated tuffs

SYMBOLS

- outcrop
- - - geological contact (known, approximate)
- + - layering (inclined, vertical)
- + - foliation (inclined)
- - - fault
- × Cu mineralized occurrence (copper)
- × Cu mineralized float & / or showing (copper)

Geological mapping by S.B. Butrenchuk

	APPLETON EXPLORATION INC.
Sping Property Preliminary Geology	
Date: 20/12/2007	
Author: SBB, RTH	
Office:	
Drawing: Figure 4	
Scale: 1:10000	Projection: UTM Zone 9 (NAD 83)



Appleton Exploration Inc. APPLETON EXPLORATION INC.

Date: 21/12/2007

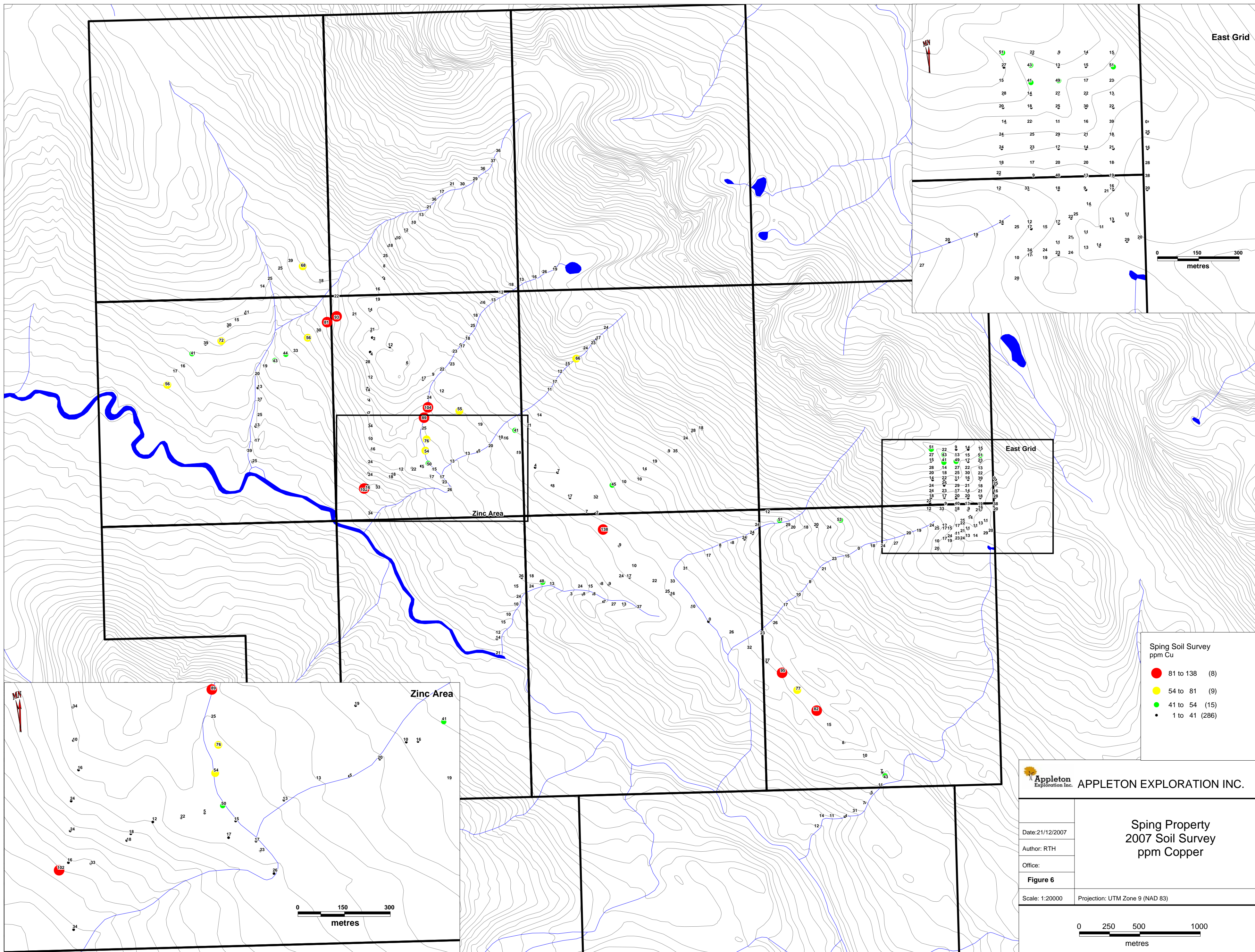
Author: RTH

Office:

Figure 5

Scale: 1:20000 Projection: UTM Zone 9 (NAD 83)

0 250 500 1000 metres



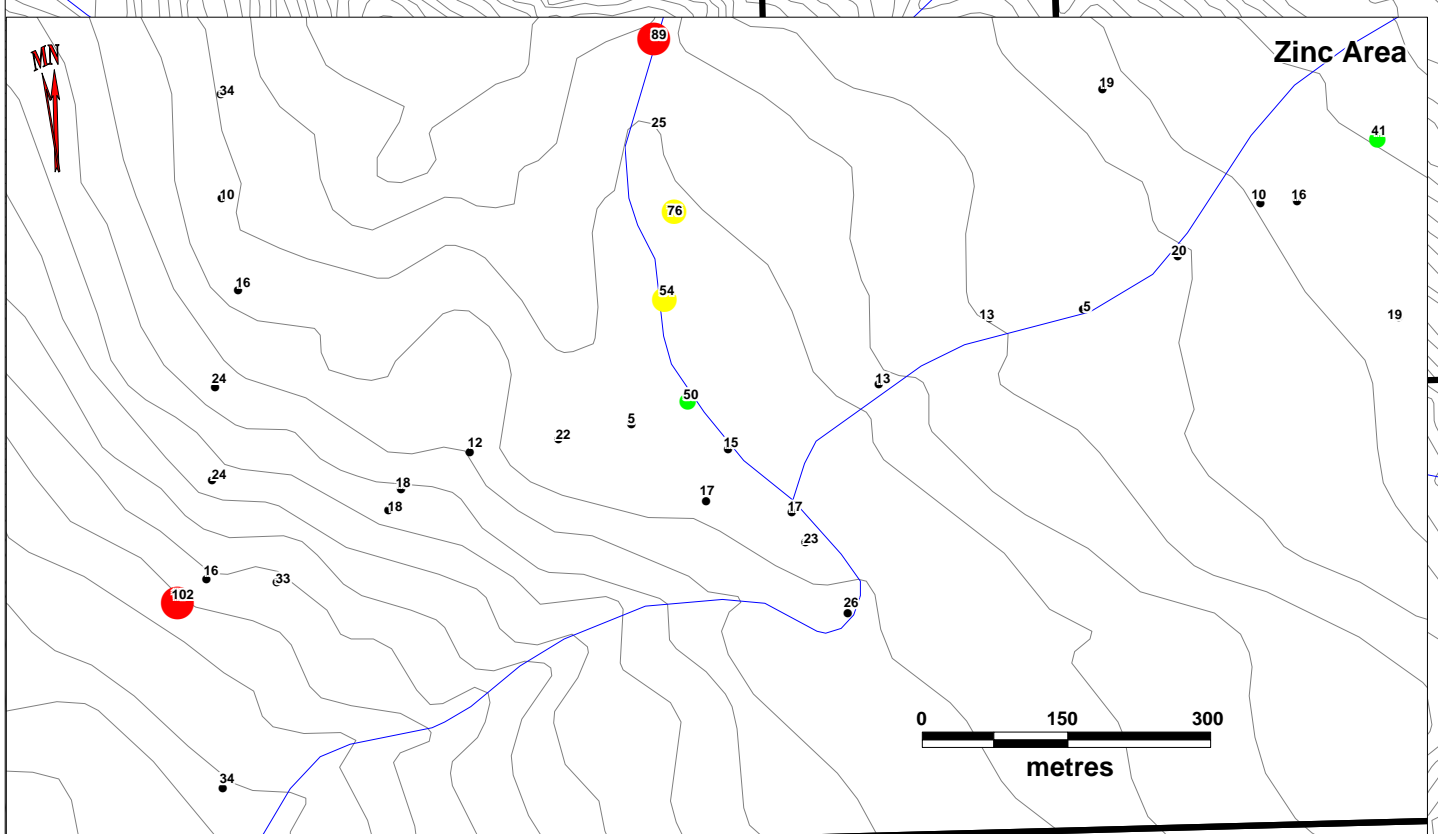
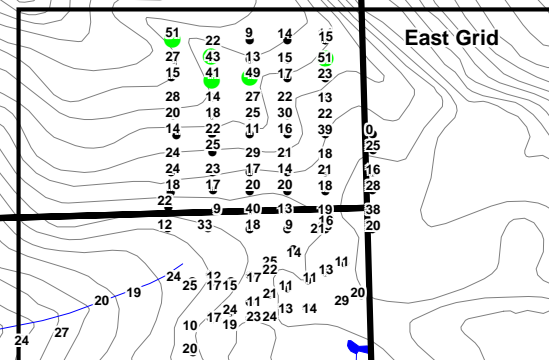
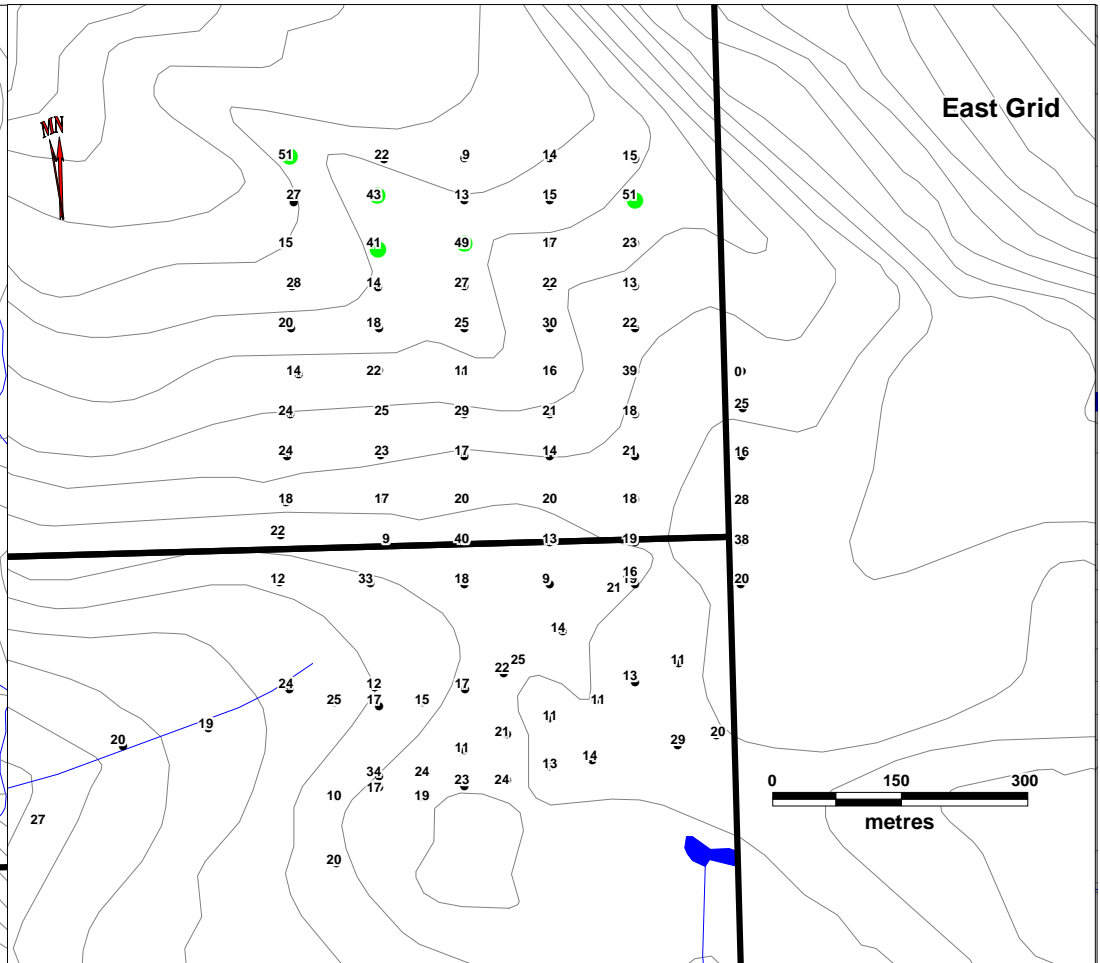
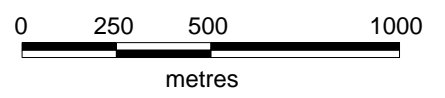
- Sping Soil Survey
ppm Cu
- 81 to 138 (8)
 - 54 to 81 (9)
 - 41 to 54 (15)
 - 1 to 41 (286)

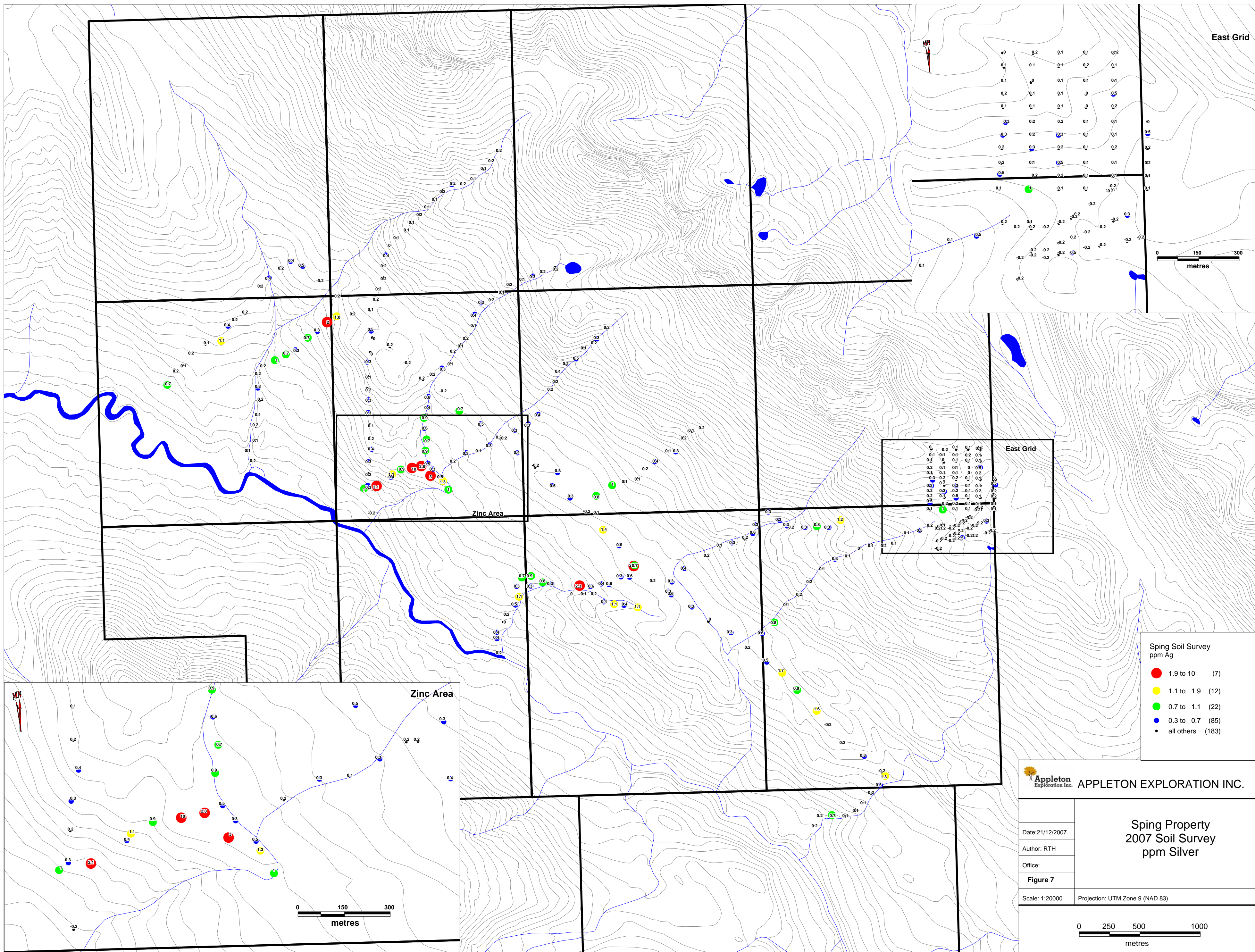
 **APPLETON EXPLORATION INC.**

Date: 21/12/2007
 Author: RTH
 Office:

**Sping Property
 2007 Soil Survey
 ppm Copper**

Figure 6
 Scale: 1:20000 Projection: UTM Zone 9 (NAD 83)

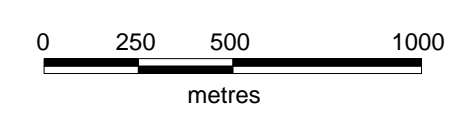


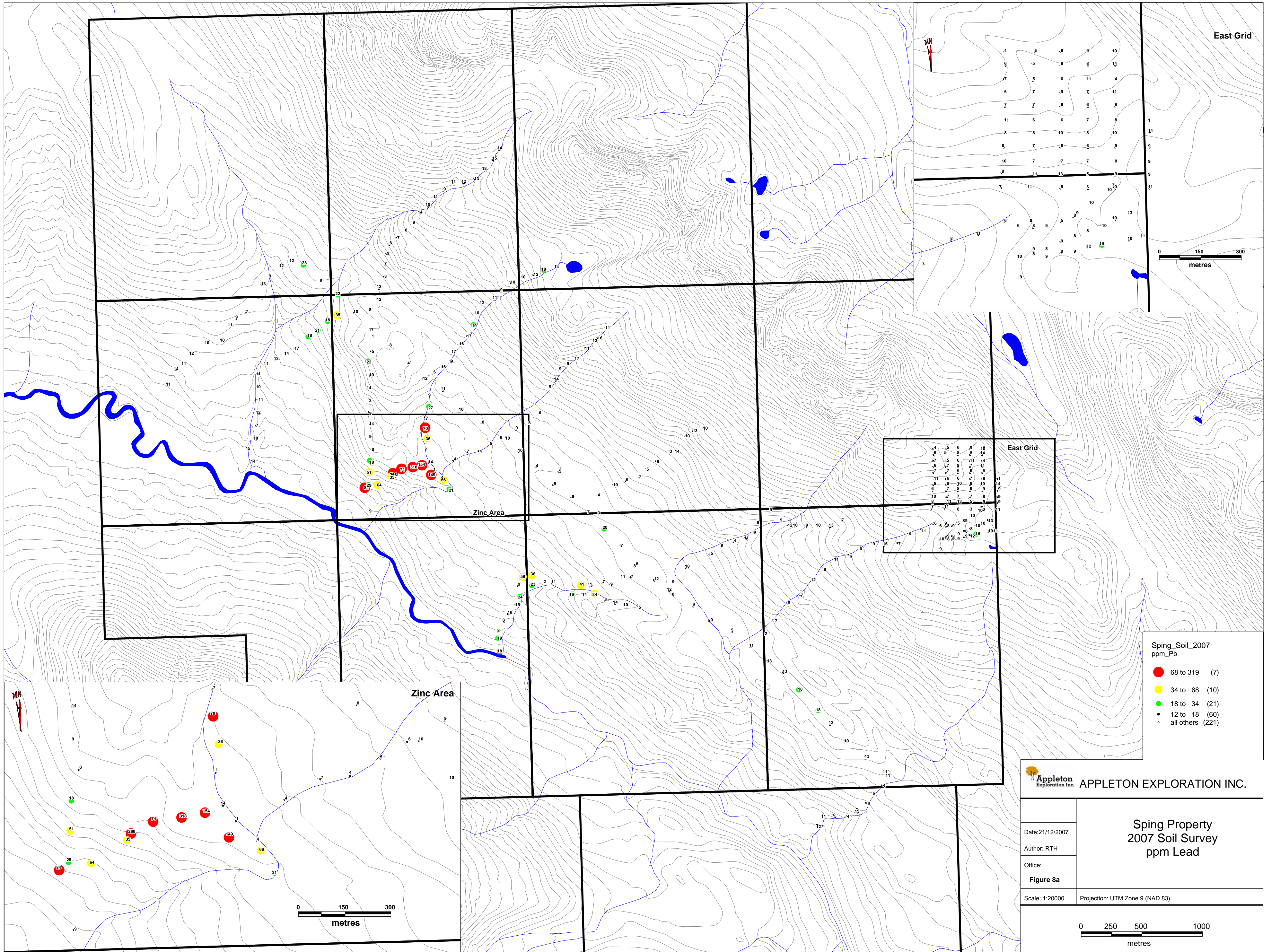


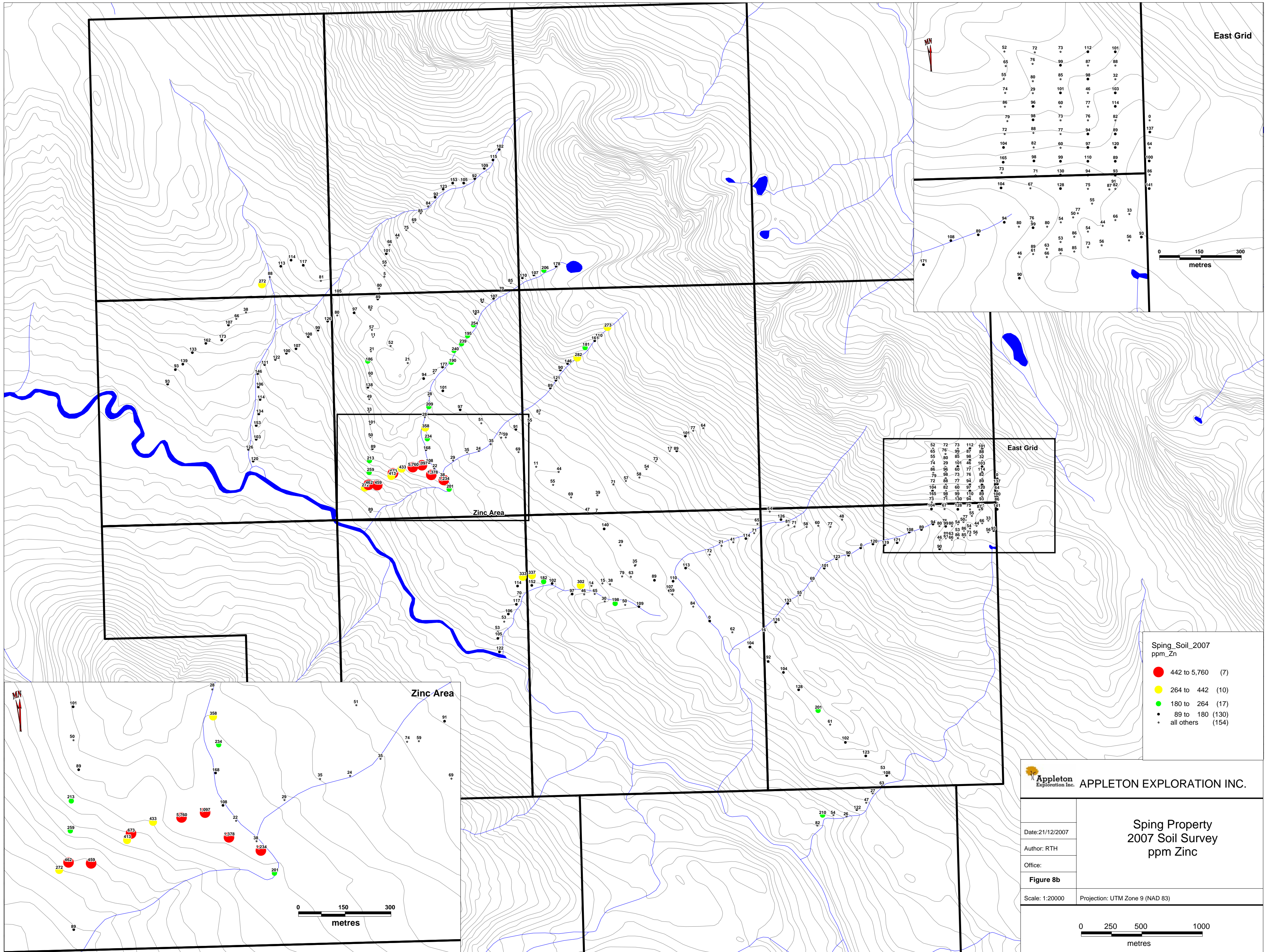
 **APPLETON EXPLORATION INC.**

Sping Property
2007 Soil Survey
ppm Silver

Date: 21/12/2007
 Author: RTH
 Office:
Figure 7
 Scale: 1:20000
 Projection: UTM Zone 9 (NAD 83)





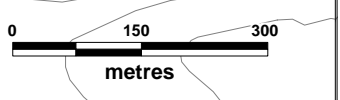
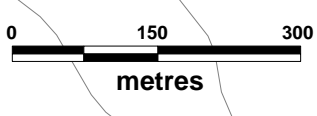


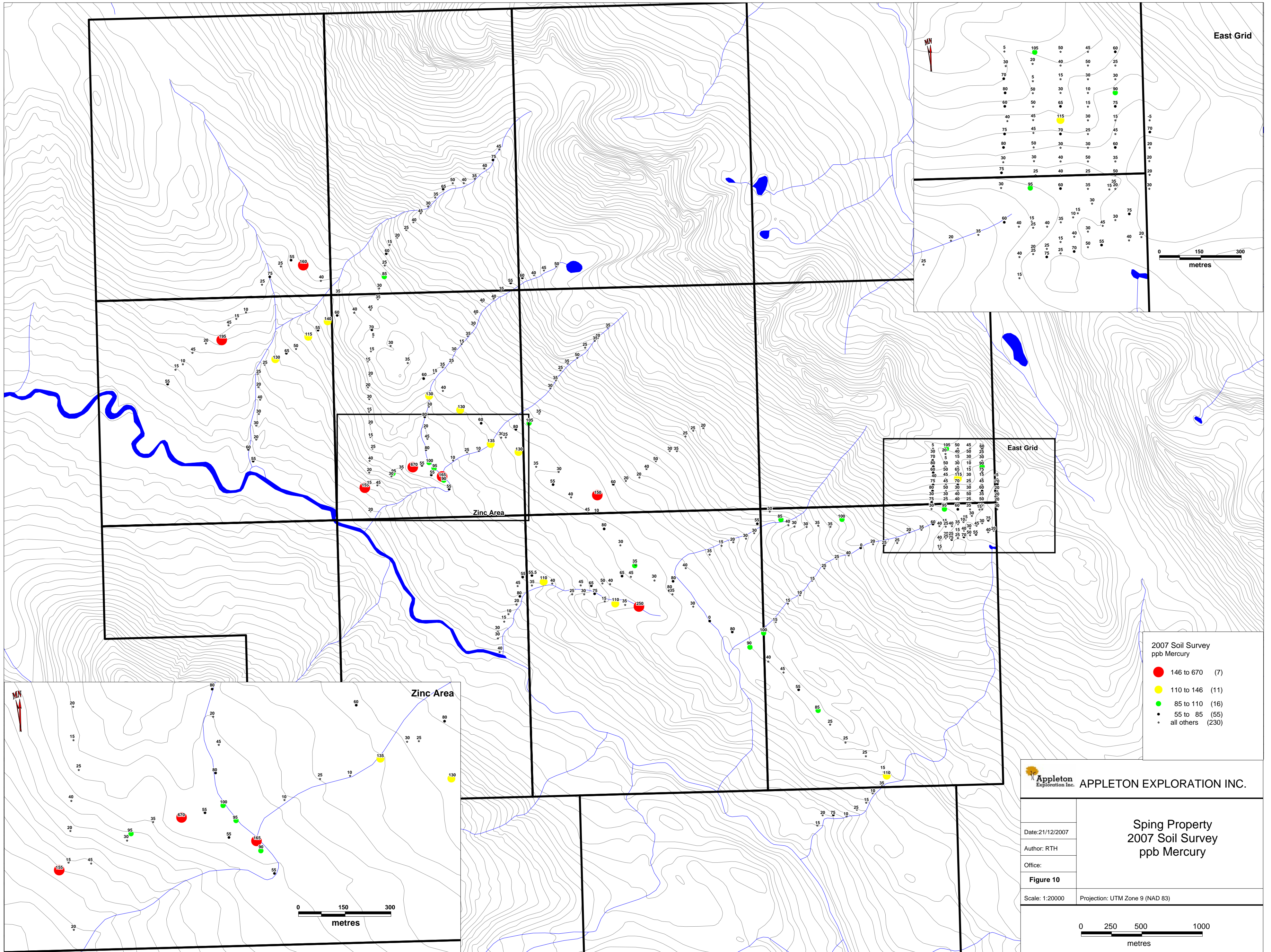
- Sping_Soil_2007
ppm_Zn
- 442 to 5,760 (7)
 - 264 to 442 (10)
 - 180 to 264 (17)
 - 89 to 180 (130)
 - all others (154)

 **APPLETON EXPLORATION INC.**

Date: 21/12/2007
 Author: RTH
 Office:
Figure 8b
 Scale: 1:20000

**Sping Property
 2007 Soil Survey
 ppm Zinc**
 Projection: UTM Zone 9 (NAD 83)





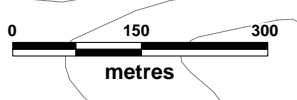
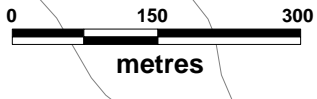
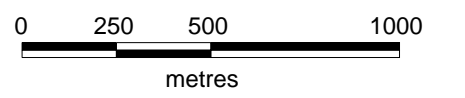
- 2007 Soil Survey
ppb Mercury
- 146 to 670 (7)
 - 110 to 146 (11)
 - 85 to 110 (16)
 - 55 to 85 (55)
 - all others (230)

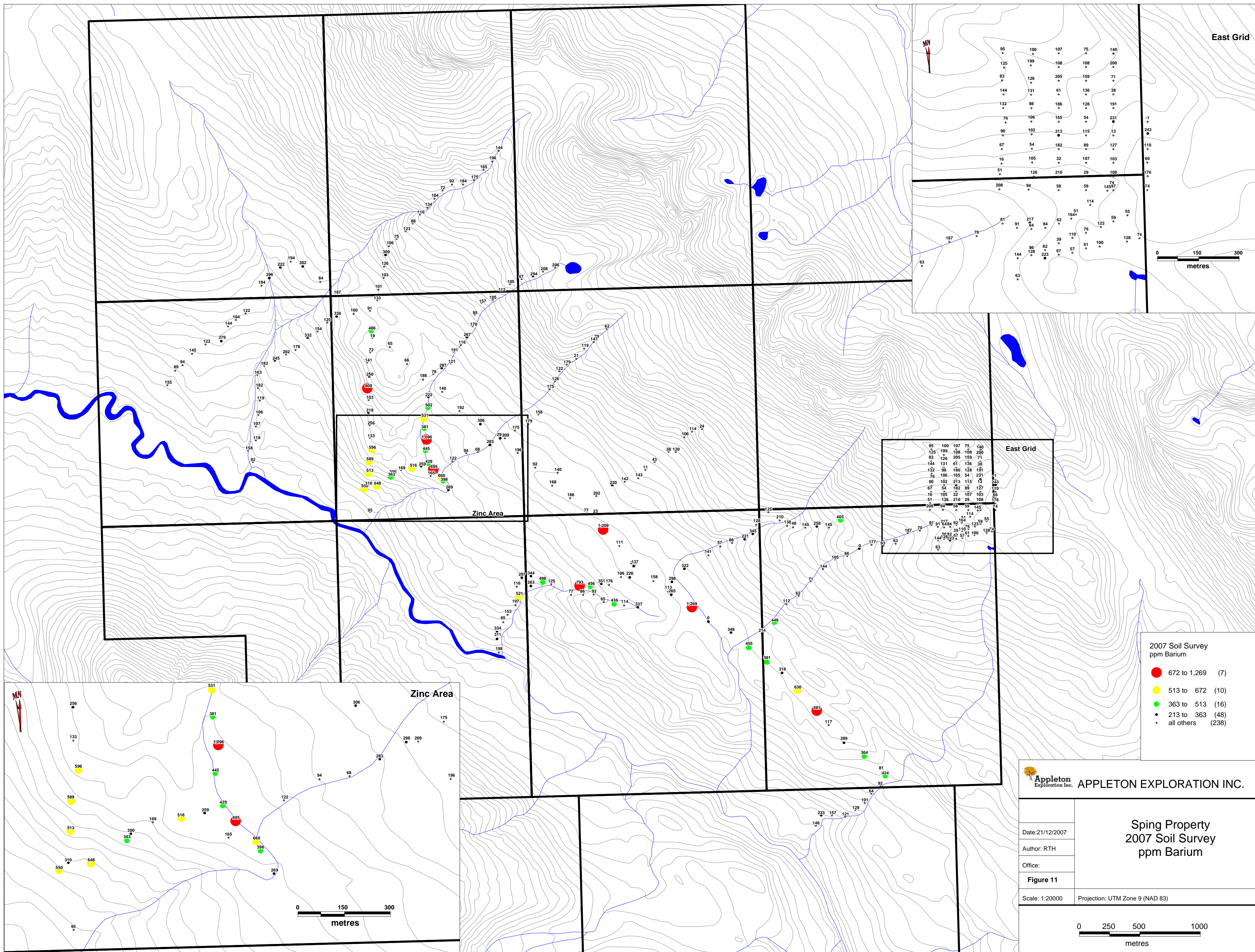
APPLETON EXPLORATION INC.

Date: 21/12/2007
 Author: RTH
 Office:
Figure 10

**Sping Property
 2007 Soil Survey
 ppb Mercury**

Scale: 1:20000 Projection: UTM Zone 9 (NAD 83)





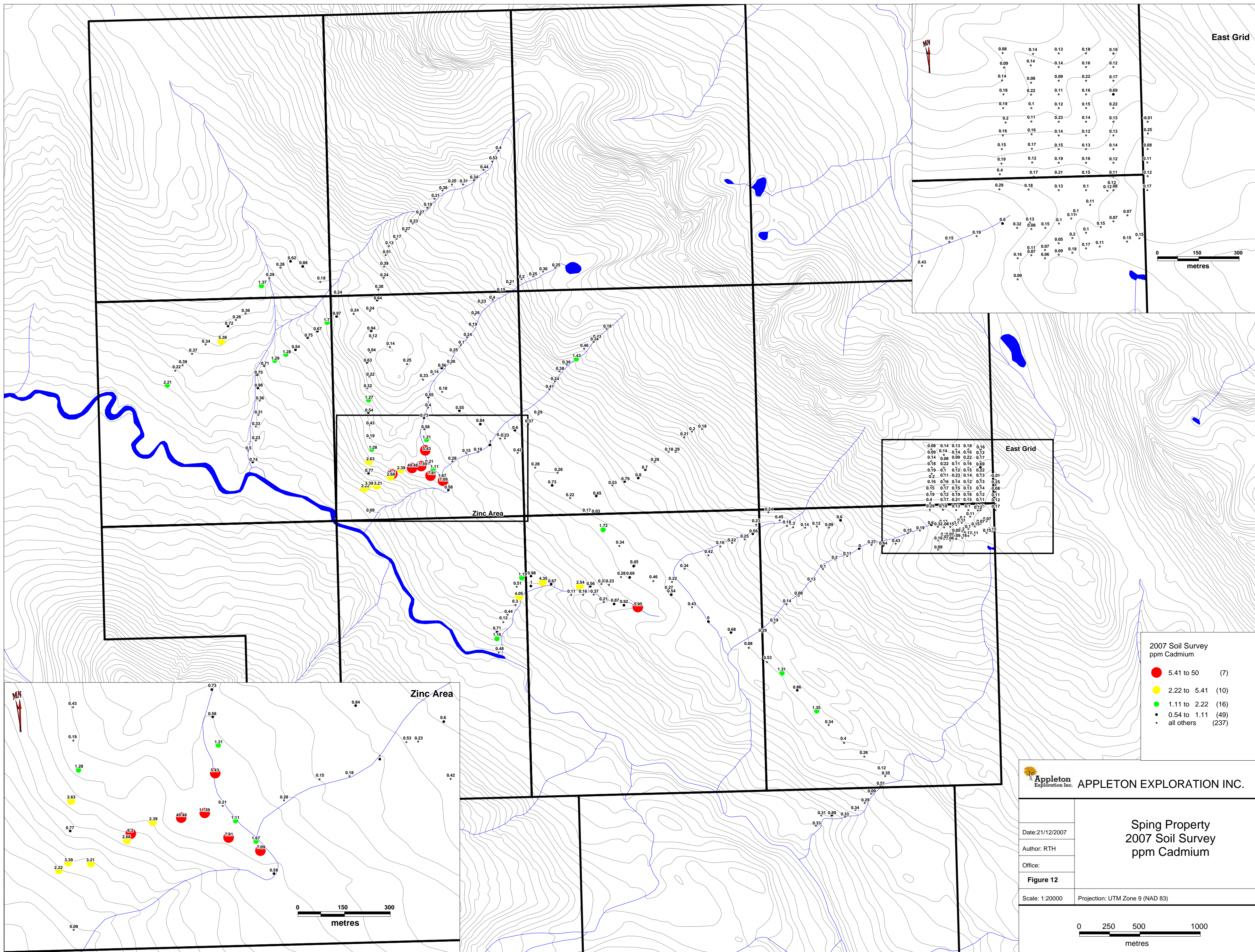
- 2007 Soil Survey
ppm Barium
- 672 to 1,269 (7)
 - 513 to 672 (10)
 - 363 to 513 (16)
 - 213 to 363 (48)
 - all others (238)

Appleton Exploration Inc.
APPLETON EXPLORATION INC.

Date: 21/12/2007
Author: RTH
Office:
Figure 11
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)

**Sping Property
2007 Soil Survey
ppm Barium**

0 250 500 1000
metres



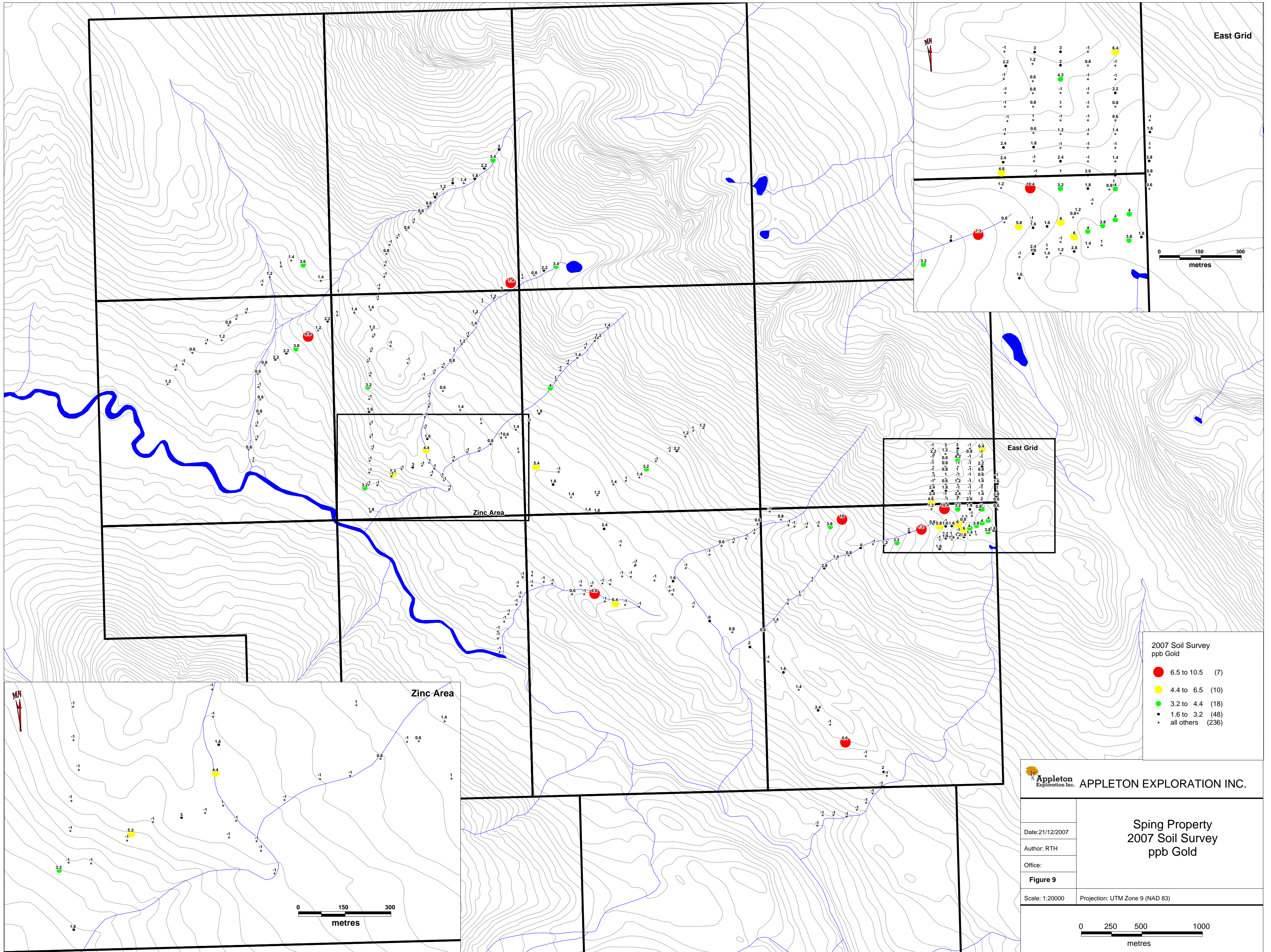
- 2007 Soil Survey
ppm Cadmium
- 5.41 to 50 (7)
 - 2.22 to 5.41 (10)
 - 1.11 to 2.22 (16)
 - 0.54 to 1.11 (49)
 - all others (237)

Appleton Exploration Inc. APPLETON EXPLORATION INC.

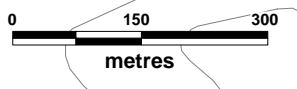
Date: 21/12/2007
 Author: RTH
 Office:
Figure 12
 Scale: 1:20000
 Projection: UTM Zone 9 (NAD 83)

**Sping Property
2007 Soil Survey
ppm Cadmium**

0 250 500 1000 metres



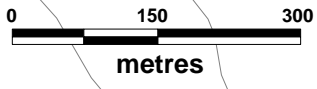
East Grid



East Grid

Zinc Area

Zinc Area



- 2007 Soil Survey
ppb Gold
- 6.5 to 10.5 (7)
 - 4.4 to 6.5 (10)
 - 3.2 to 4.4 (18)
 - 1.6 to 3.2 (48)
 - all others (236)

APPLETON EXPLORATION INC.

Date: 21/12/2007
Author: RTH
Office:

**Sping Property
2007 Soil Survey
ppb Gold**

Figure 9
Scale: 1:20000 Projection: UTM Zone 9 (NAD 83)

