

NORTHERN TIGER RESOURCES INC.

Yukon Assessment Report

on the

2011 Geological and Geochemical Programs, DEET Property, Southern Yukon

REPEX 1-4 (YC83837-YC83840), REPEX 5-24 (YC9151-YC95170), REPEX 25-48 (YD18908-YD18931), REPEX 49-60 (YD18410-YD18421), REPEX 61-80 (YD18422-YD18441), REPEX 81-95 (YD19060-YD19074), REPEX 96 (YD18405)

105 E-08
61°18'59" NTS 105A-09/16 134°12'50"
60°44'50" N Latitude, 128°6'12" W Longitude
UTM (NAD 83): 548877 E, 6734973 N, Zone 9
Watson Lake Mining District
Whitehorse

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1.0 Summary

The 2011 field season at DEET consisted of two weeks of prospecting and silt sampling and one week of geological mapping and a very small test soil grid. This was conducted by a team of three prospectors and run by a geological technician during the first week with a geologist and extra field assistant during the second week during which the mapping was conducted.

The goals of the program were to conduct a property-scale, detailed prospecting sampling program in order to better understand the distribution of mineralisation across the property as well as to produce a map of the surface geology that will act as a base for future exploration activities. Mapping revealed two distinct lithological belts of metamorphic rock the eastern of which is dominated by a belt of variably magnetic hornblende-dominated amphibolite and the western of which is dominated by a mixture of chlorite-biotite±hornblende gneiss that, itself contains three distinguishable gneissic phases. The relatively few samples taken in the amphibolitic belt did not produce any significant results but the samples, particularly of the many quartz veins, taken along the ridges in the west of the property returned, often significantly elevated Au, Zn, Cu, Mo, Pb and Bi. From this initial data set it seems that mineralisation is primarily carried within the roughly E-W trending structures and associated quartz veining.

The northern half of the property presents a barrier to surface exploration as it is dominantly covered by, often thick, packages of quaternary glacial to glacio-fluvial sediments. The few samples of rock float taken from the north end of the property did not return spectacular results but it is very unclear how representative these samples are of the areas in which they were found or if they were significantly transported. The small soil grid within this zone also returned negligible results but it was reported that sampling did not necessarily manage to get below the quaternary sediment layers in most, if not all cases. As such most of the data available about this half of the property is still primarily from the airborne geophysics.

2.0 Introduction

The 2011 field season at DEET consisted of two weeks of prospecting and silt sampling and one week of geological mapping and a very small test soil grid. This was conducted between June 21 and July 3. During the first week the team consisted of three prospectors - Jacob Lushman, Don ___ and ___, and was led by a geological technician – Rene Lalonde. For the second week consisted of a geologist, Emily Miller, who undertook detailed mapping of the showing ridges, three prospectors – Jacob Lushman, Paul Nosworthy and Gilbert Lushman, the geological technician – Rene Lalonde, and a field assistant – Riley Gould.

The goals of the program were to conduct a property-scale, detailed prospecting sampling program in order to better understand the distribution of mineralisation across the property as well as to produce a map of the surface geology that will act as a base for future exploration activities.

The northern half of the property presents a barrier to surface exploration as it is dominantly covered by, often thick, packages of quaternary glacial to glacio-fluvial sediments. The few samples of rock float taken from the north end of the property did not return spectacular results but it is very unclear how representative these samples are of the areas in which they were found or if they were significantly transported. As such most of the data available about this half of the property is still primarily from the airborne geophysics that was completed in late 2010.

3.0 Disclaimer

Data collection from the 2011 field season was overseen onsite by geological technician Rene Lalonde and Emily Miller B.Sc. GIT. All field activities were supervised offsite by Dennis Ouellette P.Geol. Historical data was collected by various geologists and was provided by historical assessment reports and other papers referenced at the end of this report.

4.0 Property Description and Location

4.1 Claims

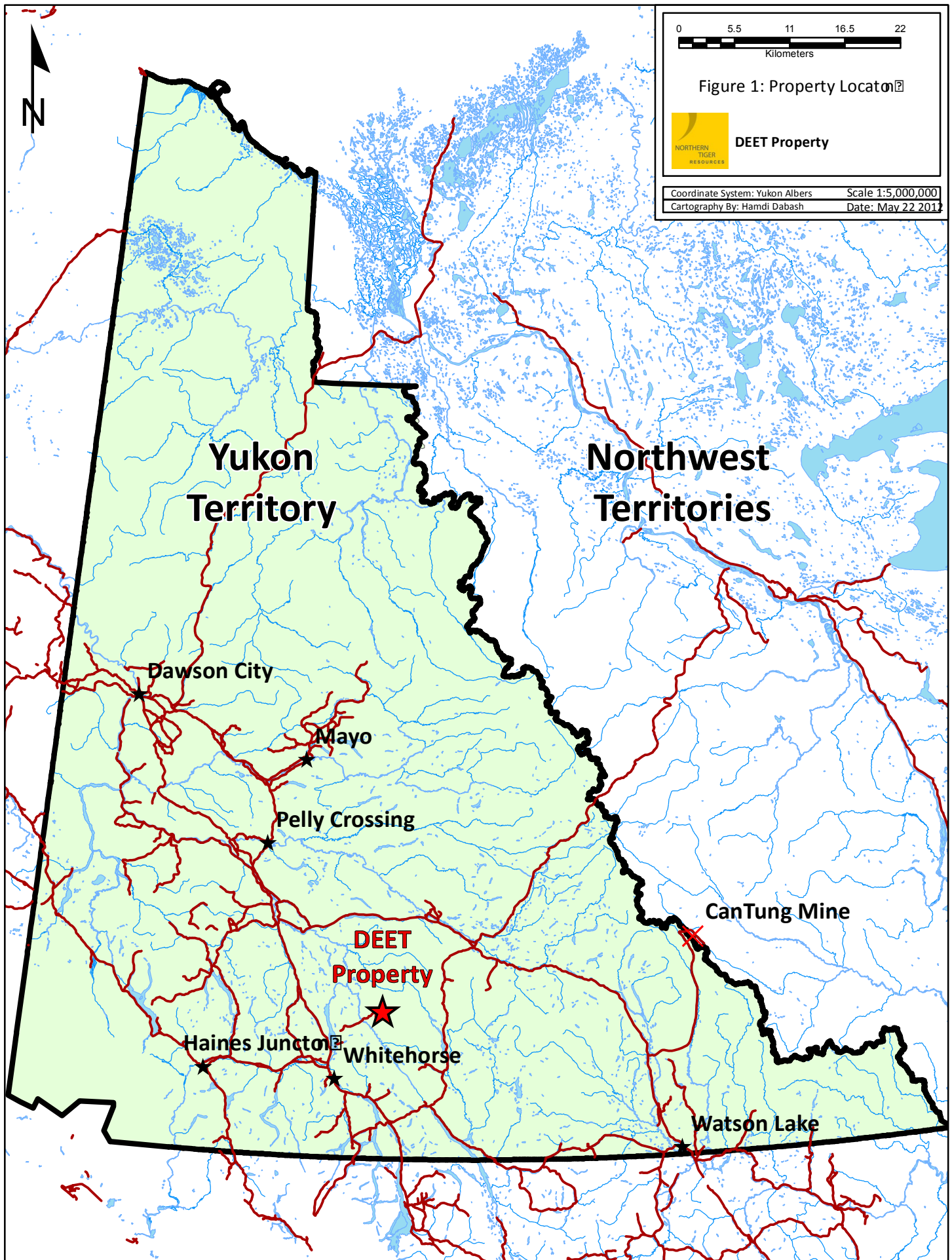
The DEET property is a package of 96 claims covering approximately 2,005.2 hectares. It is located approximately 85 kilometres northeast of Whitehorse in the center of the Livingstone Creek placer gold camp. This area has produced a total of 14,000 ounces of placer gold since 1905. The property is centered at 61°18'60"N Latitude and 134°12'50" W Longitude (UTM NAD 83 Zone 8: 542086, 6798312).

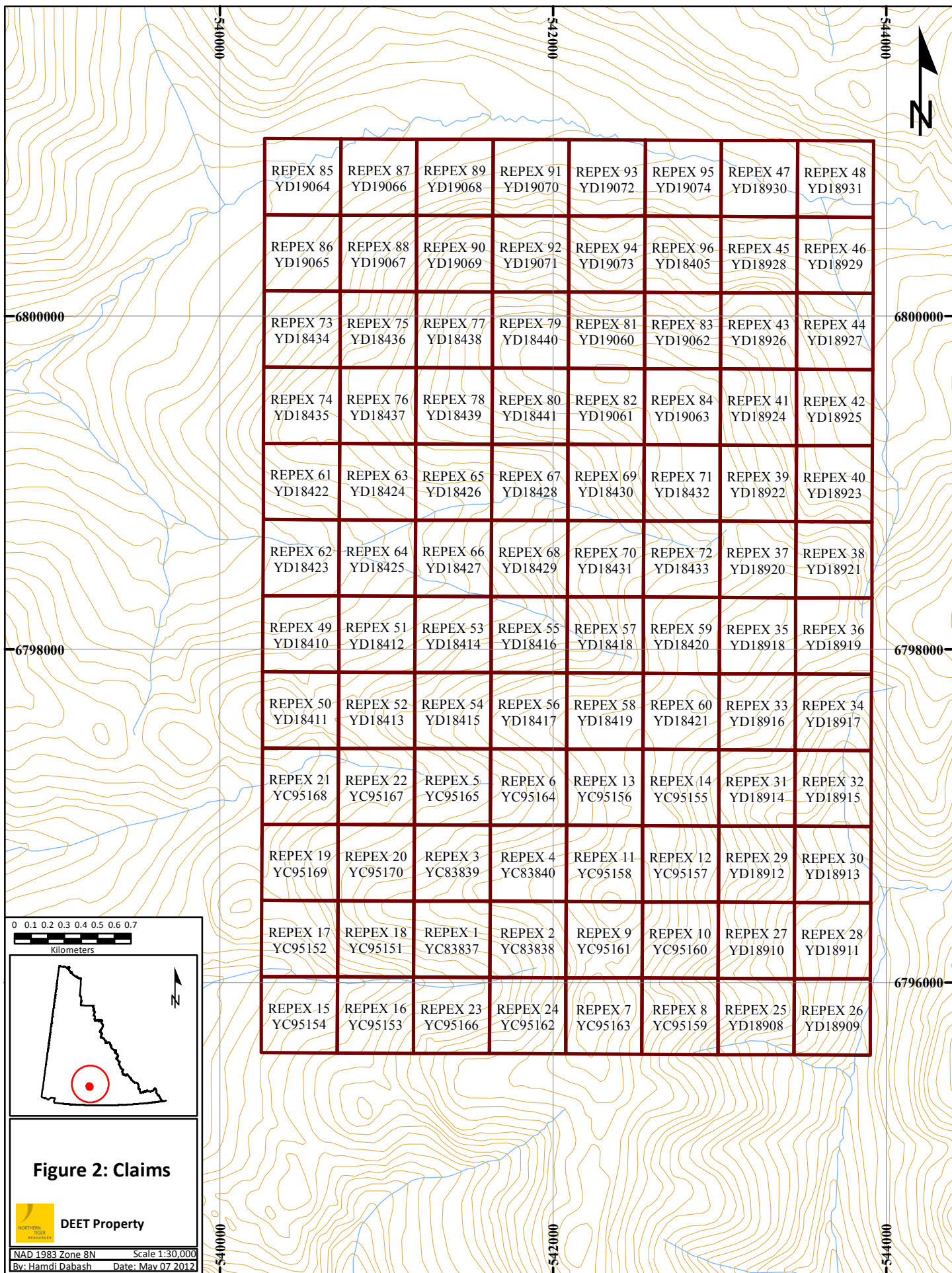
The original REPEX 1-24 were staked in 2009 by 37999 Yukon Ltd and Mike Power, the rest of the property, consisting of the REPEX 25-96 claims were added in January of 2010. In June 2010 Northern Tiger Resources Inc. signed an option agreement with 37999 Yukon Ltd. To earn 200% interest in the DEET property.

Table 1: DEET Claim Status

Grant Numbers	Claim Name	Previous Expiry Date	Updated Expiry date*	Ownership
YC83837-YC83840	REPEX 1-4	17/03/2019		Mike Power - 100%
YC95151-YC95170	REPEX 5-24	22/01/2015		37999 Yukon Ltd. – 100%
YD18908-YD18931	REPEX 25-48			37999 Yukon Ltd. – 100%
YD18410-YD18421	REPEX 49-60	22/01/2015		37999 Yukon Ltd. – 100%
YD18422-YD18441	REPEX 61-80	21/01/2015		37999 Yukon Ltd. – 100%
YD19060-YD19074	REPEX 81-95	21/01/2015		37999 Yukon Ltd. – 100%
YD18405	REPEX 96	21/01/2015		37999 Yukon Ltd. – 100%

* Pending acceptance of work filed





4.2 Physiography and Climate

The DEET property is located within the Big Salmon Range of the Pelly Mountains just south of Livingstone Creek. It is characterized by steep but rounded mountainous terrain with broad, u-shaped river valleys. Elevations on the property range from 1250 metres to 1800 metres above sea level. The area has been glaciated and the valleys, shallower hill-sides and some of the ridges are covered with a thick layer of quaternary glaciofluvial sediments and glacial till particularly in the western portion of the property.

The valleys are characterized by a mixture of dense deciduous trees near the creeks grading to coniferous forests and then to alpine scrub as you climb in altitude. A very large portion of the property is located at or above the tree-line making traverses across the property relatively easy. The ridges and steeper cliff faces are characterized by abundant outcrop and large blocky rubble-crop.

Abundant small creeks and streams drain the property and are tributaries to the larger creeks surrounding the property including Livingstone, May, Sylvia and Martin Creeks. Discontinuous permafrost is found across the property particularly on the north-facing slopes.

The nearest weather station is located at Whitehorse and provides decent data on the climate of the area. The main difference in the location is that the relatively high altitude of the property often means that temperatures are several degrees cooler than those in Whitehorse and precipitation that would otherwise be rainfall can, in the upper altitudes of the property, sometimes be expressed as snowfall even in the depths of summer. As with much of the Yukon the temperature can vary significantly over the length of a day, often with a ten degree difference between the daytime high and nighttime lows. The summers are short and dry with temperatures peaking at about 30 degrees in June and July but more typically hovering between 15-20 degrees on sunny summer days. Winters are long, spanning the months through October to March and are marked by very cold temperatures and heavy snowfall. The exploration season generally lasts between late June and mid-September.

4.3 Access, Infrastructure and Local Resources

The DEET property is located approximately 85 km northeast of Whitehorse. While there is a cat trail that follows the Livingstone Creek valley cutting the north of the property and it could be used as an access to the DEET claims the property itself, partially because of the steep nature of the valley where it crosses the property, is currently most easily accessed by helicopter. Should exploration on the property become more involved, however, it would likely be easy to push a road into the claim block using this road as an access point.

There are many creeks cutting the property all of which contain sufficient water to support small camps and most of which would be sufficient to support larger operations including drilling.

Whitehorse, with a population of approximately 26,711 (Yukon Bureau of Statistics, 2011) is the nearest full service city, and the largest population center in the Yukon. Whitehorse is accessible via the major all-weather Alaska or Klondike Highways or by flight to the Whitehorse international airport. Services

from Watson include food, accommodation, hardware supplies, fuel, helicopter and fixed-wing, and government services.

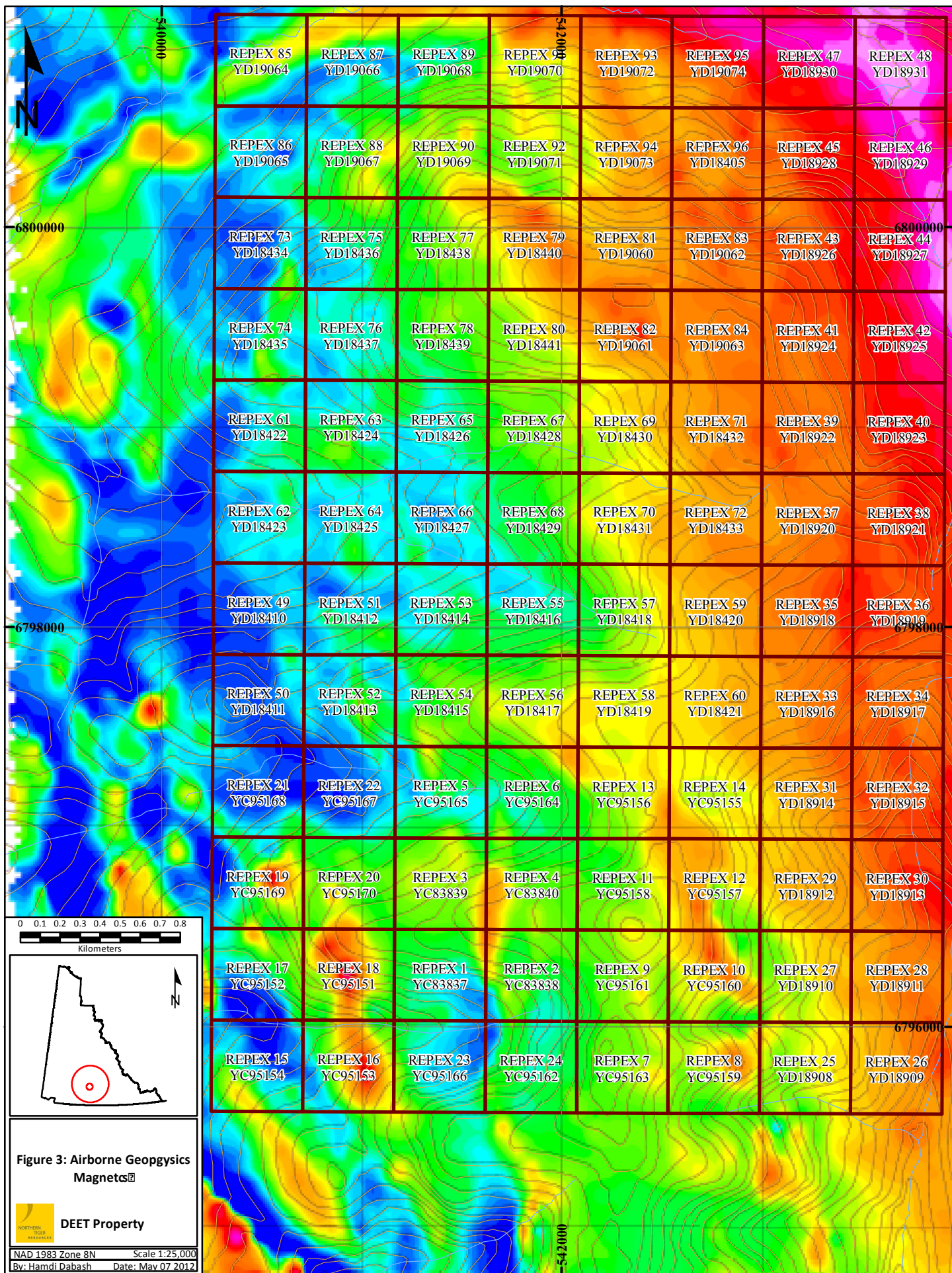
The 2011 exploration fly camp was supplied and mobilized out of Whitehorse and was supported by helicopter (Heli-dynamics Ltd). The camp was located at the UTM (NAD83) coordinates: 541176 N, 6798347 E and was of high enough elevation that the camp was almost above the tree-line. As such, very little brush clearing was necessary for setting up camp and for the helicopter pad, which was sufficient to easily land a Bell 206 helicopter. No buildings, tents or supplies were left on site.

5.0 History

The DEET Property covers the Yukon Minfile showing 105 E 53 and was originally staked by Archer Cathro and Associates in 1986 following the discovery of gold-bearing galena-sphalerite-quartz vein float (Yukon Minfile, 2011). The property was sold to All-North Resources Ltd. Then optioned briefly to Aurich Resources Ltd. In 1988 the property was transferred to Rexford Mines Ltd. The claims were allowed to lapse in early 1990 but were re-staked that summer by Renoble Holding Inc. No assessments were filed by any of these early companies that optioned the Deet claims and no further exploration was completed on the property until it was re-staked in 2009 by 37999 Yukon Inc.

The Martin, May and Sylvia creeks drain the east side of the property and all are gold-bearing; Martin creek has been mined intermittently since the 1930's and the May Creek has been mined since the 1990's. The Livingstone Creek placer camp, cutting the property to the north, boasts an overall gold production of 50,000 ounces. There are also several other minfile occurrences in the area including the Maybe, Marbee, Brenda and Livingston (Yukon Minfile, 2011) many of which are currently undergoing exploration but about which only limited information is currently publically available.

In 2010 Northern Tiger Properties entered into an option agreement with 37999 Yukon Inc. to earn 100% interest in the property (Northern Tiger Resources Press Release, June 22, 2010). The 2010 program, conducted in late October, consisted of a 463.9 line-km radiometric and magnetic airborne geophysical survey flown by Precision GeoSurveys at 100 m spacing with 1 km tie lines flown perpendicular to the survey lines. The magnetics showed a strong gradient with a NE-SW trend with the NW corner of the property characterized by strong magnetics and the SE by lower magnetics (Figure 3). A strong, concentrated linear magnetic low following a valley across the south-west of the property is likely a fault which, judging from how it traces across topography, may be moderately to shallowly dipping. The radiometric data is still in raw form but showed some possible E-W trends that may correlate to alteration corridors, but interpretation of the data will require some processing (Figure 4). The work completed this summer should assist in determining interpretation of the geophysics.



6.0 Geological Setting

6.1 Regional Geology

The Livingstone creek area is underlain by the allocthonous metasediments and meta-igneous rocks of the Yukon Tanana Terrane. The Yukon Tanana Terrane is composed of a series of mid- to late-Paleozoic arc and back-arc successions that have been built onto the sediments of the continental margin (Colpron, 2003).

Within the livingstone creek area the Yukon Tanana Terrane consists of three distinct successions of metasedimentary rocks, The Snowcap complex in the west; Livingstone creek assemblage, sandwiched between the other two, and the Mendocina assemblage, in the east. There is some debate as to where the rocks to the northeast of Mondocina creek fit in the stratigraphy as they are lithologically similar to those of the Snowcap complex (Colpron, 2007) but have previously been considered to belong to the Cassiar Terrane by other authors (Wheeler et al., 1991; Gordey and Makepeace, 2000).

The snowcap complex is composed primarily of quartzite, psammitic schist, carbonaceous phyllite and chlorite schist. They are divided into two belts by a sheet of tonalite orthogneiss.

The Livingstone creek assemblage lies to the west of the snowcap complex and is exposed at the headwaters of the May and Livingstone creeks and consists predominantly of a light green quartzite and schist and lesser amounts of massive dolomitic marble. While generally consisting of fine-grained rocks it locally contains larger chlorite and plagioclase-rich aggregates that suggest a volcanoclastic origin (Colpron, 2007).

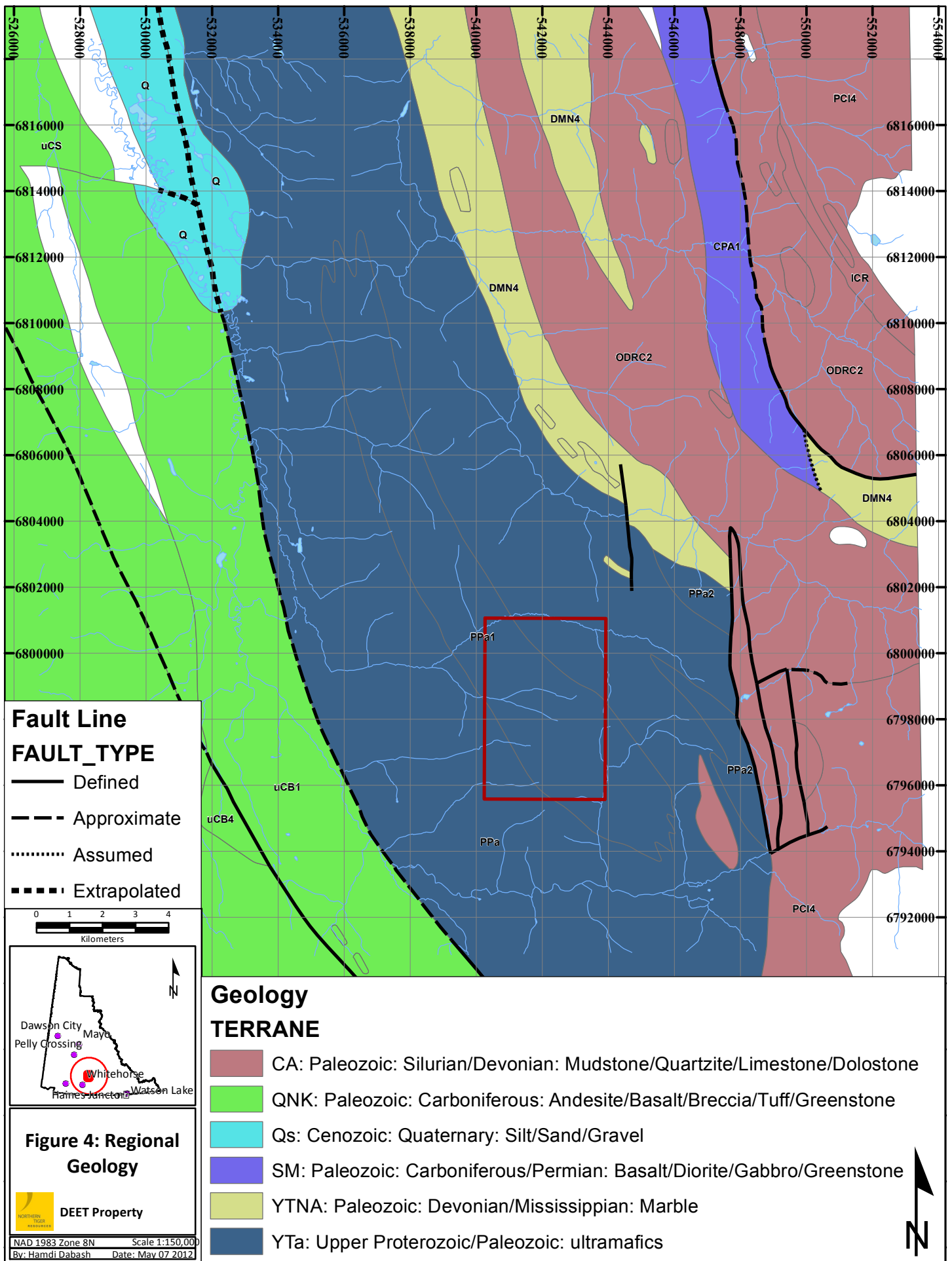
The Mendocina Assemblage, to the east of the Livingstone Creek assemblage, is an approximately three kilometre-wide, northwest-trending belt of greenstone and lesser serpentinite extending from the headwaters of Livingstone Creek and into lower Mendocina Creek (Harvey et al., 1997). Generally fine-grained and phyllitic there are patches of coarse-grained plagioclase-hornblende-rich rocks that are likely representative of dismembered gabbro dykes and which occasionally containing coarse magnetite (Colpron, 2007).

There are at least five distinct intrusive suites of Mississippian to Late Cretaceous ages that cut these rocks (Colpron, 2007). The oldest suite is a strongly foliated and locally gneissic tonalite to granodiorite and occurs as dykes and a large sheet within the Snowcap complex. A weakly foliated two-mica granite occurs within both the snowcap complex and mendocina assemblage as small dykes, plugs and lenses this rock is generally medium-to coarse-grained and locally pegmatitic and locally show pinch and swell structures suggesting that it was emplaced during the last major ductile deformation event (Colpron, 2007). Paleozoic diorites and granodiorites showing variable foliation have been found in the area east of the d-Abbadie Fault. The Last Peak granite is exposed in the northern part of the map area, again in the d-Abbadie fault zone, and consists of a variably foliated and layered, medium- to coarse-grained white biotite granite that shows indications of having been implaced during the deformation. The youngest intrusion noted is a small plug of dacitic porphyry that has intruded the serpentinite located at

the headwaters of May Creek and consists of a light-green fine-grained dacite matrix supporting up to 25% plagioclase and rare quartz phenocrysts.

At least three generations of ductile deformation are preserved, the first of which produced isoclinal folding that have been transposed by a second generation of tight to isoclinal folds that formed the dominant penetrative transposition foliation. This folding was likely the result of the collisional processes occurring in the Cretaceous during the accretion of the rocks of the Yukon Tanana following the closing of the Slide Mountain Ocean. The initial shortening was oriented broadly orthogonal to the continental margin which then transitioned to NW directed movement during the later stages of deformation.

Mid-Cretaceous magmatism was associated with a NS-SE –oriented, post-collisional extension. This extension is thought to have driven the NW-directed shear that resulted in the creation of many late dextrally offset faults including the large offset observed on the reactivated Tintina Fault and likely the up to four kilometres of dextral offset on the d'Abbadie fault which cuts across the eastern part of the Livingstone Creek area. The d'Abbadie fault is a steep, north-striking brittle-ductile fault zone.



6.2 Property Geology

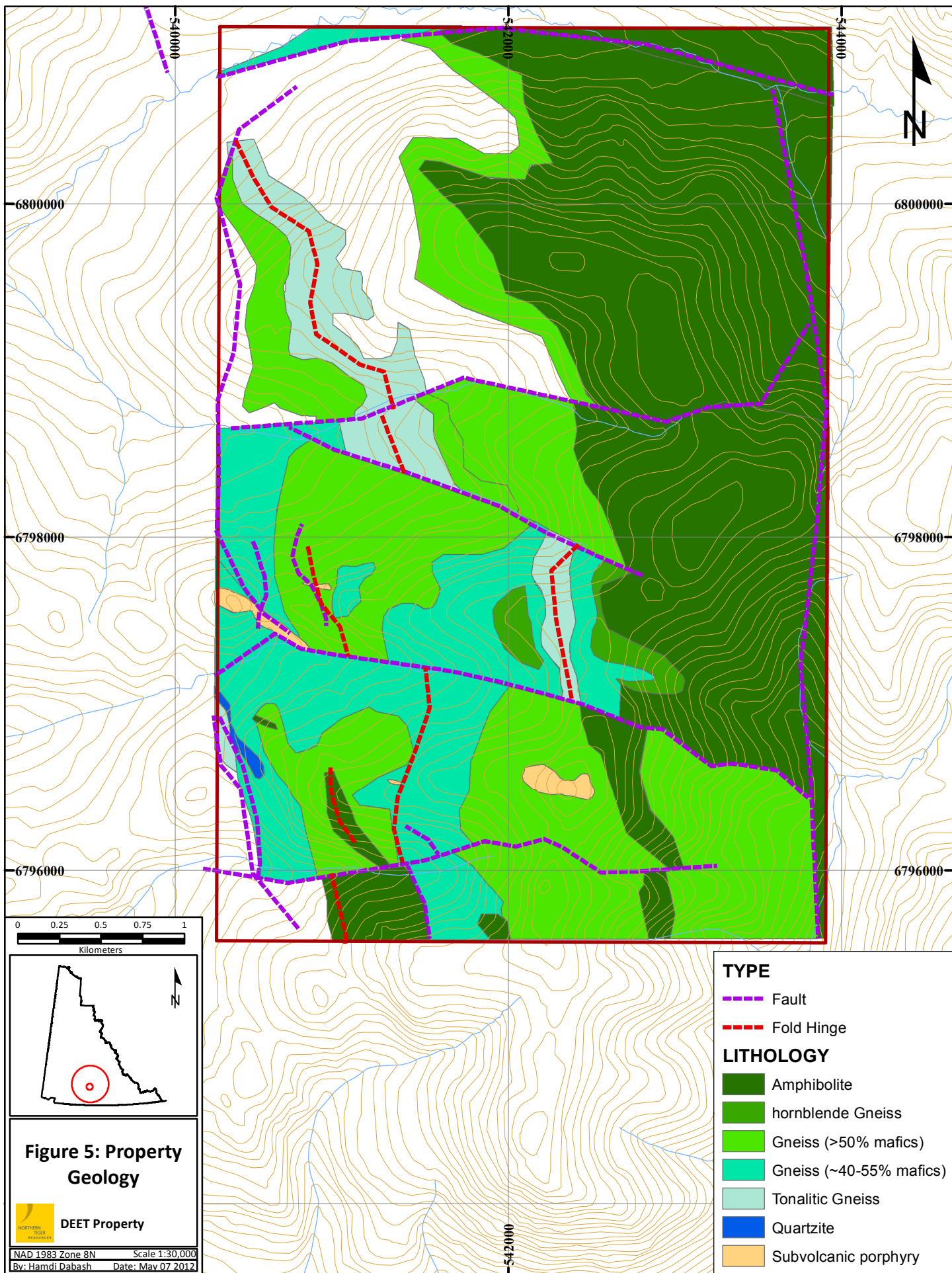
The first property-scale mapping was completed during the 2011 field season. The property is dominated by two distinct bands of metamorphic rocks. The eastern portion of the property is dominated by a belt of variably magnetic hornblende-dominated amphibolite, generally fine-grained to medium-grained, but with discontinuous coarse-grained pods found throughout. The amphibolite often contains up to 0.5% disseminated fine-grained pyrite. The western portion of the property is dominated by a mixture of chlorite-biotite±hornblende gneiss that contains three distinguishable phases including a volumetrically limited tonalitic gneiss; a mafic-dominant biotite-hornblende gneiss; and a biotite±hornblende gneiss containing approximately 50% mafics; these are occasionally interspersed with volumetrically limited amphibolitic pods and quartzite bands. An altered, unfoliated dolerite dyke with relatively abundant plagioclase ± hornblende phenocrysts and variable degrees of silicification is seen intruding these gneisses in two distinct locations on the property both of which represent some of the highest relief points, likely due to the quartz-rich and resistant nature of this unit.

Throughout these gneisses small-scale parasitic folding features are evident including several outcrops displaying distinct crenulation cleavages. The dominant gneissic foliation across the property dips moderately to the southwest; this foliation shows a slight dispersion around two folding directions nearly at right angles to one another with fold axes of approximately 254-71 and 326-14. These folding directions are often seen in outcrop as wavy foliation planes or minor crenulation folding. These small scale folds, particularly the westward trending fold hinges, are often marked by minor faulting and significant quartz veining within their axial planes and carry varying sulphide concentrations. While it does not appear that a major regional hinge was crossed during the mapping traverses across the property it does suggest that more detailed structural analysis, including a focus on fold hinges of even the parasitic folds, within the region may assist in the location of ore.

Faulting is very prominent across the property with two dominant fault trends at almost right angles to one another which often seem to be exploiting the weakness of parasitic fold hinges. These are represented as two significant north-south faults with abundant quartz and iron-oxide fill that bracket the property with several smaller east-west trending faults cutting across the property. While it is unclear whether the creeks all follow fault trends as there is very little outcrop in proximity to the creeks there is some evidence of either faulting or some other disruption of structural trends in an orientation that runs contrary to the general north-west to south-east trends, this is particularly apparent in the pattern of the airborne magnetics.

The two prominent ridges in the southern half of the property display the most outcrop and rubblecrop available on the property for study and show several generations of quartz veining that range from containing significant proportions of sulphides including pyrite, chalcopyrite, sphalerite and galena to being composed almost purely of white quartz. Most of the veining appears to be steeply dipping and oriented roughly east-west, almost parallel to the ridges on which they are found, and range in width from a few centimetres to a couple metres often along the length of a single traceable vein. Most of the vein structures appear to occur in discontinuous swarms but it is difficult to determine whether this is simply an illusion due to the discontinuous nature of the outcrop and prevalence of rubblecrop.

The northern portion of the property, in contrast, contains very little outcrop and is dominated by overburden consisting of glacio-fluvial outwash and till with variable soil development. The map in this northern area is, therefore, primarily based on information provided by the aerial geophysical survey and as such is simply a rough approximation.



7.0 2011 Exploration

The 2011 field season was composed of two weeks of exploration by a team of 5-6 personnel consisting of several seasoned prospectors, a geology student, a geological assistant and a geologist and was overseen from Whitehorse by Dennis Ouellette, P.Geol. Activities involved the silt sampling of the four dominant creeks cutting the property at approximately 150 m intervals; a small test soil sample grid in the central portion of the property to test the amenability of the claim blocks to soil sampling methods; prospecting across the entirety of the property; and mapping along the two main showing ridges.

7.1 Silt Sampling

A total of 25 silts were taken at roughly 150 m intervals along the major creeks crossing the property. Attempts were made to focus on sample sites where deposition appeared to be the primary process, such as point bars and the lee sides of large obstructions to water flow and from the upstream; and downstream locations of all confluences. These stream sediments should reveal whether there is any mineralisation from upstream locations, although it is possible, particularly with the glaciated nature of the area, that the collected sediments may have travelled a decent distance before deposition.

Silts were collected with a shovel and gold pan. Samples were panned down to remove the clays, light material and any organic material, larger pebbles were removed by hand. Field bags were filled to capacity in order to ensure sufficient fines were collected for analysis. The concentrated nature of the samples should hopefully serve to accentuate any anomalous values and make any regional anomalies easier to spot. However, care should be taken in the interpretation of chemistry that may have been affected by the removal of lighter weight grains, thus the silts should not be used as indicative of lithological geochemistry or other background values.

Proper silt sampling bags were unavailable at the time of the survey, therefore we carefully drained the water before taking the silts in large plastic Ziploc bags, which were then parceled in a larger plastic rock sample bag containing the bar-coded tyvek sample tag and labeled on the front and back with the sample number. Samples were individually zap-strapped into this plastic envelope form. This unfortunately necessitated additional drying at the lab during their preparation but otherwise worked quite well.

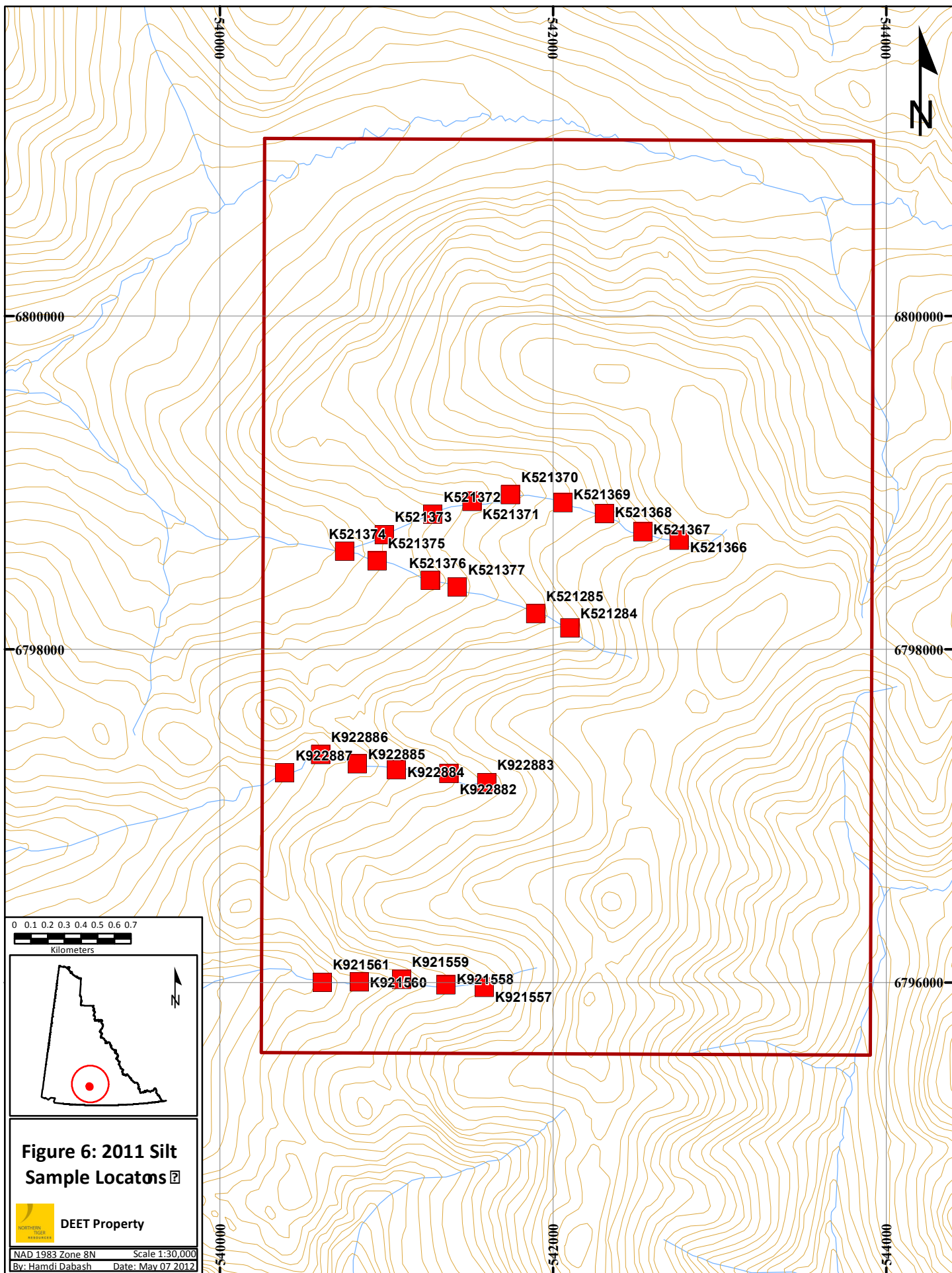
The silt samples returned anomalous values in many elements of interest including Au up to 39.2 ppb, Ag up to 0.14 ppm, Bi up to 0.33 ppm, Mo up to 1.26 ppm, Ni up to 35.6 ppm (Figures 7-13). From the relatively high silt values and relatively large range from lowest to highest values it appears that the concentration method succeeded in intensifying anomalies. The most consistently high silt values were returned from the most northerly stream on the property, which runs through an area of property with little to no exposed outcrop and abundant till cover. The samples from the head of the stream returned almost negligible results while the samples near the center of the property returned the highest values, including the two highest Au samples, the highest Bi, Co and Ni samples, and one of the highest Ag samples. While it is unclear if these results are being sourced from bedrock or from transported the values were often higher than those of the soil samples collected from the ridge north of the creek (most of which were likely still within the till rather than proper soils) and the grab samples, many of which were float of uncertain origin, from southwest of the creek also returned negligible results. This

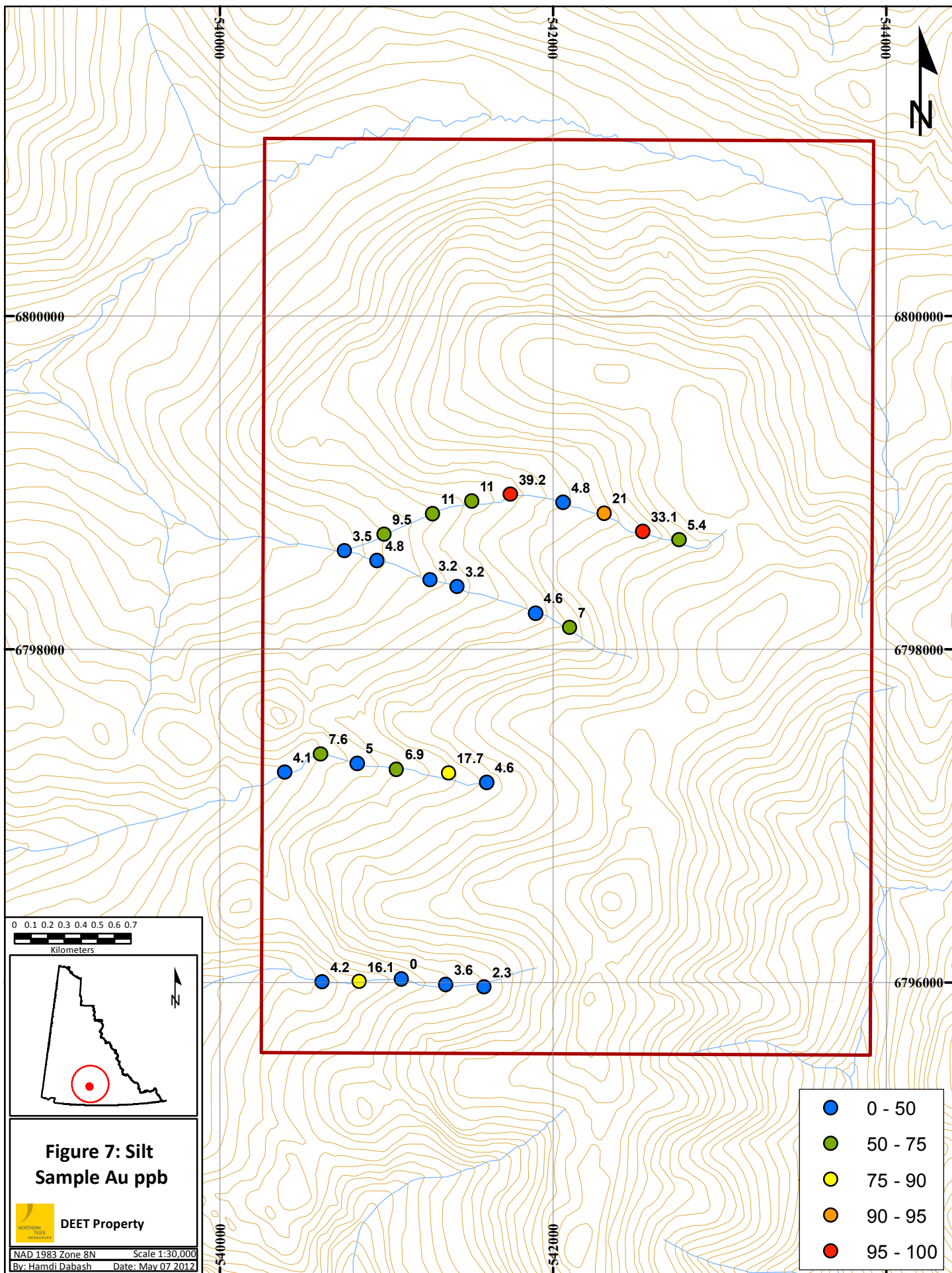
suggests that the source of the anomaly is either from south of the creek, from a source localized around the creek itself, or from underlying bedrock that it was not possible to sample directly during this field season.

The highest copper values observed on the property came from the creek almost directly to the north of the eastern sun-ridge showing. This creek also had some minor elevated tungsten and some of the highest Mo values from samples along its western extent. The elevated Mo occurred in samples taken to the south of the high molybdenum in the northern creek and north of the western sun-ridge showing. The most consistently high molybdenum silts were taken from the western ends of both of the southern creeks. This suggests that the central to western portion of the property is the most prospective for molybdenum and that the molybdenum source is stronger in the southern portion of the property. Ni was found primarily in northernmost creek along its entire length, and in the western portions of the two southern creeks. This suggests a similar northwest trend to that of Mo but with a stronger signature in the north rather than the south. Tungsten was found primarily within the southern creek with one anomalous sample taken from the creek south of the west sunridge showing.

Au was found primarily within the far north creek and within the creek to the south of sunridge, with the highest and most consistent values found within the northern creek. The creek south of the sun-ridge returned negligible gold at the east and west extents of the sampling but elevated gold up to 17.7 ppm south of both of the showings. While the other two creeks have a few isolated elevated gold values the majority of samples taken along them returned negligible, background gold.

The results of the silt sampling program prove to be very interesting as they show a correspondence with the highest rock samples taken on the property but also show the highest elevation in values in an area where till and overburden prevented an effective surface survey. This suggests that the mineralization seen in the central to southern portion of the property may be continuous into the northern portion and that it may, in fact, intensify in the north. Examination by way of trenching and/or drilling may be necessary to assist in the location of the source of the anomalous values in the northernmost stream. The possibility that the stream may be picking up glacially transported sediments should also be considered but will be almost impossible to determine without examination of the rocks underlying the overburden.



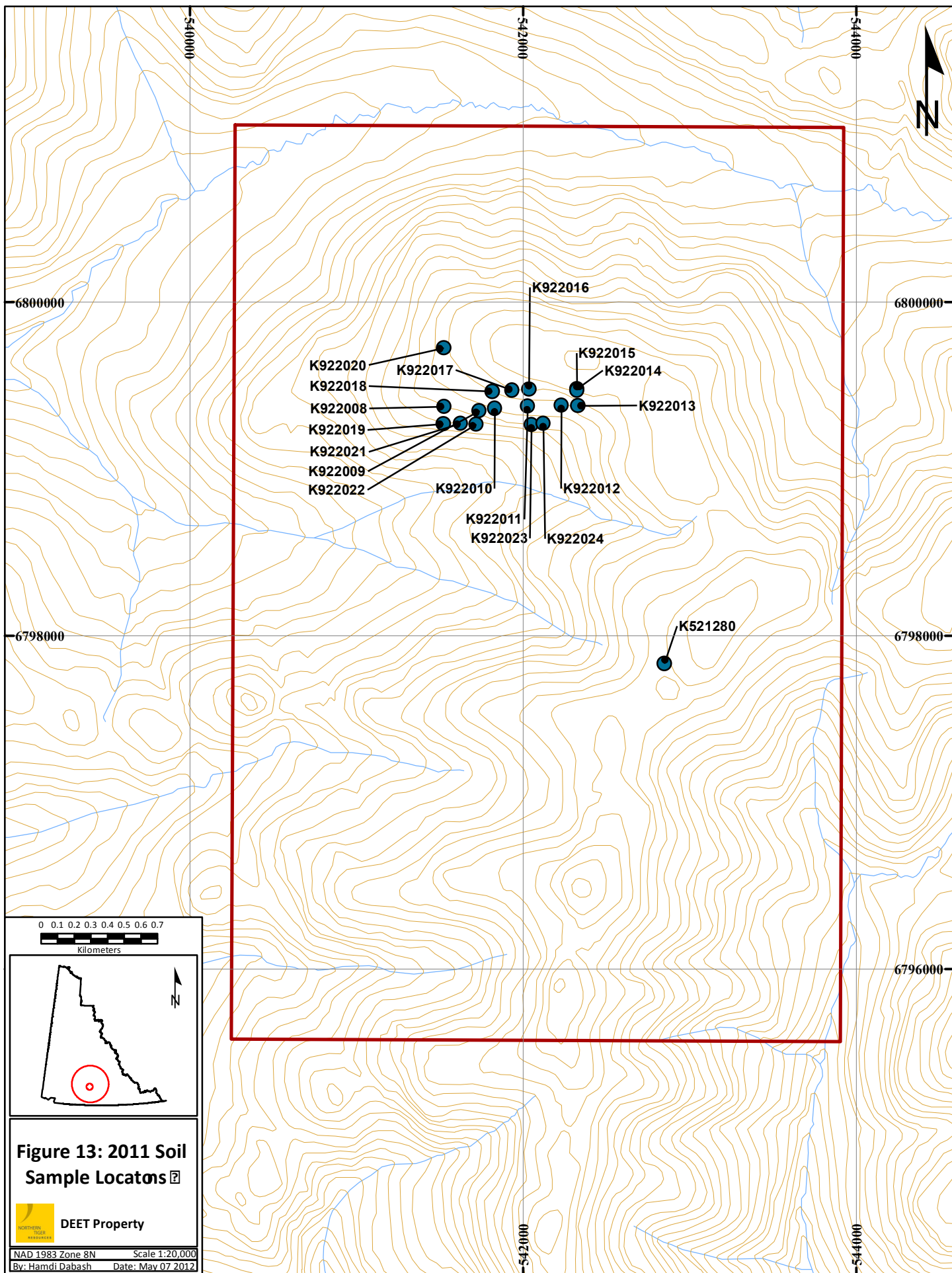


7.2 Soil Sampling

A very small soil grid consisting of three lines across one of the more heavily overburden covered parts of the property was undertaken as a preliminary test as to the amenability of the area to soil sampling. Due to the prevalence of discontinuous permafrost and the thick glacio-fluvial overburden across much of the property it was determined that soil sampling may be difficult to employ effectively as an exploration tool over a significant portion of the property (Figure 14).

There were several samples near the inferred contact between the amphibolitic schists in the east and the more felsic schists that dominate the property to the west that displayed low gold anomalies, between 8-15 ppb Au while the rest returned almost negligible to non-detectable gold values. From the descriptions relayed by the soil sampler it is questionable whether any of the samples taken were true soil samples or whether they were primarily composed of glacially-sourced overburden. No other anomalies were observed in elements of interest within the soil although the molybdenum may have been slightly elevated in most of the samples due to both the small nature of the survey and of the dubious nature of the samples it is difficult to determine whether these samples reveal anything about the nature of the underlying bedrock. This survey should be considered a demonstration of the difficulties of attempting to use soil geochemistry as an exploration tool on this particular property rather than as providing illuminating data. This is particularly true as the underwhelming values found in the soils in this portion of the property are offset by the consistently high stream sediment values found within the same zone.

Any soil sampling programs going forward should be conducted in the knowledge that glacial transportation is likely and that the prevalence of permafrost will make it difficult to maintain a consistent sampling horizon and may affect ion mobility. It is highly recommended that, before undertaking a larger soil survey, an orientation survey be completed via several widely spaced pits or trenches that attempt to sample the entire soil profile and determine which, if any, of the soil horizons, best reflect the underlying bedrock geochemistry or if the above factors render the use of soils impractical.



7.3 Rock Samples and Mapping

The bulk of the work completed on the property during the 2011 field season was focused on wide-spread property prospecting, rock sampling, coarse property-scale mapping and a more detailed mapping of the two main ridges both of which showed abundant sulfide potential during the prospecting phase. During prospecting rough geological data was taken across the property and the combination of the detailed mapping and prospecting data was used to create a basic property geology map that can be refined by future work. A total of 131 rock samples were taken over the course of the field season. Most of these samples were of quartz veining with varying degrees of iron-oxide, sulfide content (particularly pyrite and chalcopyrite), and malachite staining. Several rock samples of the apparently unmineralised wall-rock were also taken, to help construct a background geochemical profile based on the varying lithology around the property.

The property is dominated by two distinct bands of metamorphic rocks. The eastern portion of the property is dominated by a belt of variably magnetic hornblende-dominated amphibolite, generally fine-grained to medium-grained, but with discontinuous coarse-grained pods found throughout. The amphibolite often contains up to 0.5% disseminated fine-grained pyrite. The western portion of the property is dominated by a mixture of chlorite-biotite±hornblende gneiss that contains three distinguishable phases including a volumetrically limited tonalitic gneiss; a mafic-dominant biotite-hornblende gneiss; and a biotite±hornblende gneiss containing approximately 50% mafics; these are occasionally interspersed with volumetrically limited amphibolitic pods and quartzite bands. An altered, unfoliated dolerite dyke with relatively abundant plagioclase ± hornblende phenocrysts and variable degrees of silicification is seen intruding these gneisses in two distinct locations on the property both of which represent some of the highest relief points.

Faulting and folding features are prominent across the property with two trends at almost right angles to one another. Faulting along both trends often seems to be exploiting the weakness of parasitic fold hinges. There are two significant north-south faults with abundant quartz and iron-oxide fill that bracket the property with several smaller east-west trending faults cutting across the property, most of these faults, where observable on surface appear to be causing only minor displacement on the scale of millimetres to centimetres. While it is unclear whether the creeks all follow fault trends, as there is very little outcrop in proximity to the creeks there is some evidence of either faulting or some other disruption of structural trends in an orientation that runs contrary to the general north-west to south-east trends, this is particularly apparent in the pattern of the airborne magnetics.

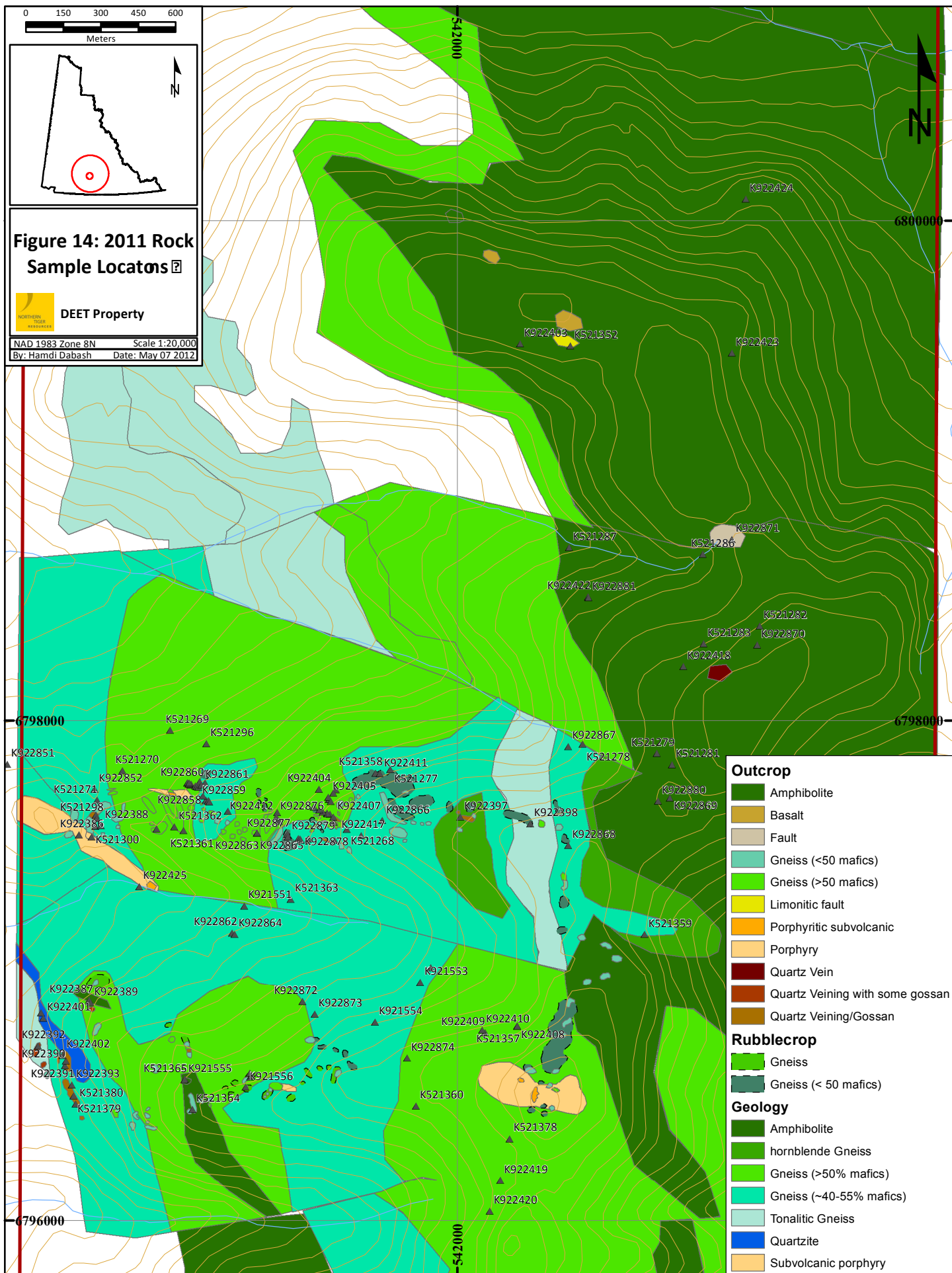
The two prominent ridges in the southern half of the property display the most outcrop and rubblecrop available on the property for study. Along almost the complete length of the more northerly of these ridges there were abundant sulphide-bearing quartz veins. The ridge was informally named the sun-ridge showing during the exploration (Figure ____). Many of the samples from these veins, particularly occurring in two clusters, termed the east and west sun-ridge showings, returned very interesting results in several elements of interest. The eastern cluster of samples returned elevated copper, lead, molybdenum and lesser gold and bismuth. The western cluster returned elevated gold and zinc with lesser copper and only minor molybdenum. This suggests either that the mineralisation is zoned within the veins or that there are separate mineralising events and/or fluids responsible for different

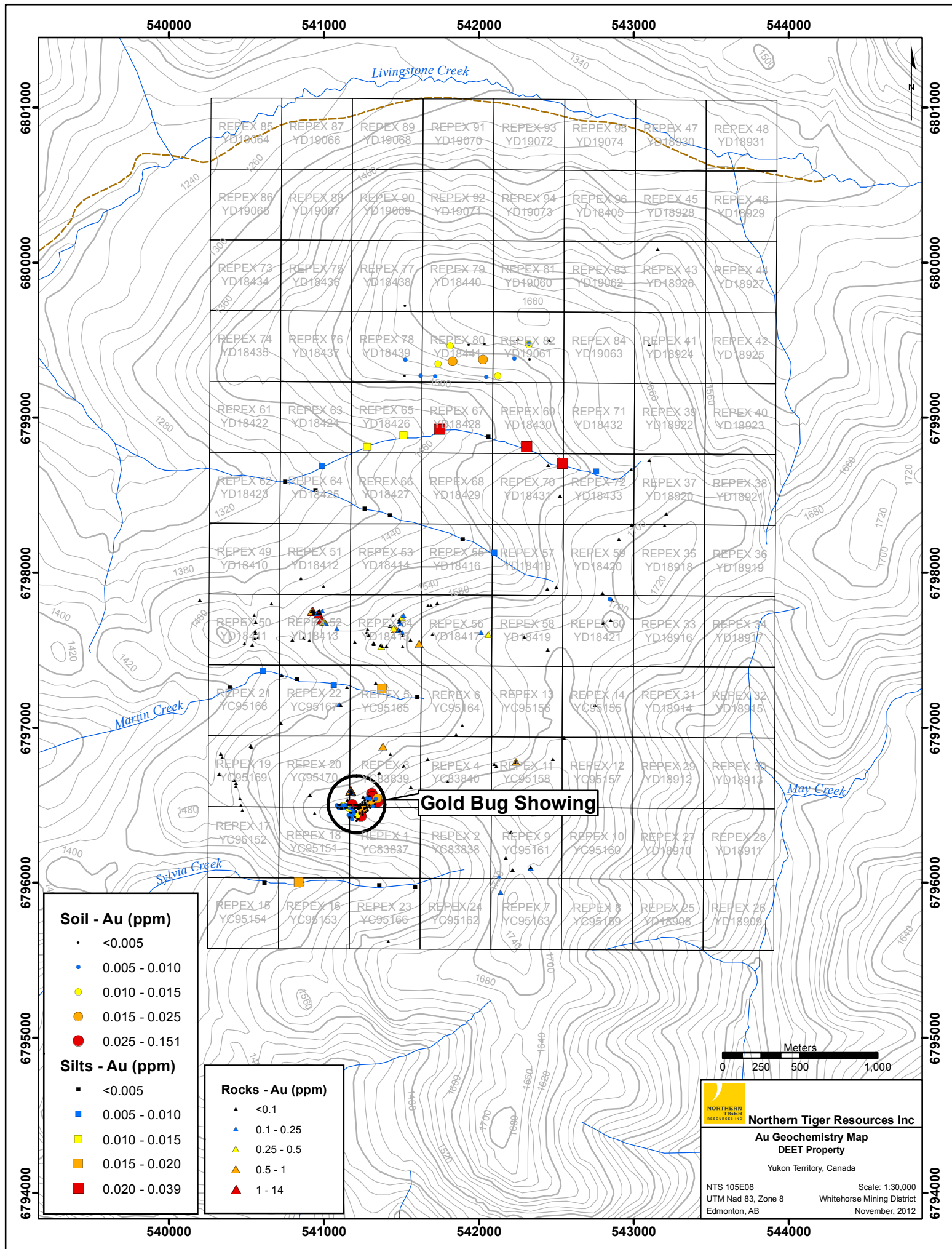
mineralisation chemistry. This is also visible in the mineralogy of the veins with pyrite and chalcopyrite dominating the western zone and galena being found in the eastern zone. Further targeted sampling recording vein mineralogical and structural details as well as the completion of some petrography of vein samples may help to clarify which of these is relevant.

The ridge to the south of sunny ridge hosts the original showing, while there was still significant quartz veining observed on the ridge the sulphide content was much lower and was composed more dominantly of pyrite with much less chalcopyrite and virtually no sphalerite or galena observed. These observations during prospecting were borne out by the sampling as, while a few samples returned significantly elevated gold, copper and zinc and minor lead and bismuth, there were a larger proportion of samples that returned low to non-existent values in the elements of interest and the concentrations within the samples were lower than those from sunny ridge.

Amphibolitic samples, despite often containing disseminated pyrite, returned barely elevated levels of any elements of interest with a few samples returning elevated zinc that was still below 100 ppm. This suggests that where the amphibolite was sampled it was not prospective for mineralisation. The relationship between the amphibolite and the other gneisses is unclear and it may represent a metamorphosed mafic intrusion that cut across the metasediments and orthogneisses that dominate the rest of the property. Depending on the timing of the mineralisation it may have predated this intrusion. Understanding the relationship between these two distinct belts may be important in locating mineralised zones in the region.

During the mapping there were several silicified fault zones that trended roughly north-west, most notably one in the far southwestern corner of the property that was marked by intense silicification, angular brecciation and abundant iron-oxides many of which appeared to be the products of weathered-out sulphides. However, the samples returned from these extremely rusted fault zones returned only minor elevations in zinc with lesser molybdenum. This suggests that these faults were either pathways for the mineralising fluids but did not represent favourable depositional environments or that they were not active during the mineralisation event which, although the data is still limited, seems to favour the east-west-oriented structures.





7.4 Sample Preparation and Analysis

All samples were shipped with bar-coded sample tags within bags that were labeled on both sides with the sample number and were stored underneath a tarp until being picked up by the helicopter for shipment. Samples were then shipped in rice bags. All samples were sent to ALS Chemex, an ISO certified laboratory with a prep lab in Whitehorse to which samples were taken directly from camp, first by helicopter, then by company personnel by truck.

Soils and stream sediments were screened to $-180\mu\text{m}$ and a minimum of 1g of the fine portion underwent aqua regia digestion followed by a combination of ICP-AES and ICP-MS analysis yielding data for 51 elements. To assess the gold content a super-trace method, optimised for gold values between 0.0001-0.1 ppm was used. In this method a 50 g sample underwent aqua regia, again with analysis by a combination of ICP-MS and ICP-AE.

Rocks were pulverized to 85% $<75\ \mu\text{m}$ and a four acid “near-total” digestion was used on a minimum of 1 g of sample prior to ICP-MS and ICP-AES analysis. The gold in the rocks was analysed using a Fire Assay with ICP-AES finish on a 50g sample. This analysis is ideal for the analysis of gold within 0.001-10 ppm.

Due to the extremely preliminary, prospecting nature of the survey of the property, no QAQC samples were added to the shipments and the laboratory QAQC was deemed sufficient, however should the property undergo further exploration QAQC samples ought to be selected and added with at least one blank, one standard, and one lab coarse duplicate per batch as a check on data quality to provide confidence in the data retrieved for moving forward through the next stages of exploration.

8.0 Discussion and Conclusion

The results from the DEET property are very promising with some strong indications of a gold system complimented by a bevy of other metals including zinc, copper, molybdenum, lead and bismuth. These elements are not equally distributed across the surface with the two main ridges in the central to southern portion of the property showing different geochemical signatures. The primary ridge, colloquially termed the sun-ridge showing, revealed two distinct mineralisation signatures with the western portion of the ridge dominated by quartz veining with pyrite, chalcopyrite and occasional sphalerite with elevated Au-Zn-Cu±Mo values and the eastern by pyrite, chalcopyrite and galena with elevated Cu-Pb-Mo±Au-Bi values. The original showing ridge, immediately to the south of the sun-ridge, was dominated by pyrite with spotty chalcopyrite with spotty but elevated Au-Cu-Zn-Pb±Bi values.

The mapping showed a prevalence of two structural directions; lithological contacts and one set of both faulting and folding appeared to trend northerly and to be cut by prominent east-west structures, including faulting and a second set of folds. While the mapping did not appear to cross any major fold axis the folding was determined on the basis of small-scale parasitic folding and the development of crenulation cleavage observable in a few outcrops. Some of the north-trending faulting was intensely silicified and gossanous but generally returned only minor zinc and molybdenum values. This suggests that these faults were either pathways for the mineralising fluids but did not represent favourable depositional environments or that they were not active during the mineralisation event which, although the data is still limited, seems to favour the east-west-oriented quartz veining that was sampled along both ridges. The amphibolitic units, despite containing disseminated pyrite throughout did not return any values of interest suggesting that, for some reason, it is not a favourable unit for mineralisation.

The next field season should attempt to address the challenges presented by the northern half of the property, about which there is much less information available due to the heavy quaternary sediment overburden over much of the area. An orientation survey via a hand pit grid testing the different soil horizons and how well their geochemistry matches the underlying bedrock would help to determine whether the cost of a soil sampling program over this portion of the property would reveal anything of interest. Failing the amenability of soil sampling to this portion of the property trenching (possibly with the assistance of a can-dig) or drilling, possibly accompanied by a ground geophysics survey or some other means of gaining information about the bedrock underlying the thick overburden, while taking into account the glacial provenance of much of this overlying sediment, is likely to be necessary for conducting the exploration of the northern area.

The southern portion of the property has been quite thoroughly prospected but lacks a detailed study of the structural provenance of the mineralisation. A concentrated program that attempts to record the detailed properties of the mineralising veins including mineralogy and orientation so as to better understand the structural controls on the mineralisation and thereby guide future exploration would likely be of the greatest benefit.

While it may be possible to bring a drill to the property at this stage it may be advantageous to wait until there is a more thorough understanding of the structural controls on the observed mineralisation so that a future drill can be more efficiently and effectively placed to yield the most valuable information

possible. To this end, if a drill was brought to the property it should only be after reviewing the results from at the very least the first half of another field season that addresses the above questions.

There are still outstanding questions about the influence of lithology and any structural controls on the mineralisation and some of these should be addressed prior to bringing a drill onto the property. The northern half of the property is much less amenable to surface exploration due to a thick overburden consisting of glacially related quaternary sediments and these difficulties will have to be overcome possibly by soils or trenching in conjunction with a ground geophysical survey in order to open this half of the property to effective exploration. Despite any challenges presented by the northern half of the property it shows a good deal of interesting potential including a bedrock polymetallic geochemical signature over most of the southern half of the property including elevated Au, Zn, Cu, Mo, Pb, and Bi and significant evidence of abundant structural preparation that was exploited by the mineralisation-carrying quartz veining.

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Appendix 1: Statement of Qualifications

Appendix 1a. Certificate of Author

I, Dennis Ouellette, B.Sc., P.Geol., hereby certify that:

1. I am currently employed by Northern Tiger Resources Inc. as Vice President of Exploration, located at the following address:

Suite 220, 17010-103 Ave
Edmonton, AB
T5S 1K7

2. I graduated with a Bachelor of Science degree in Geology from the Brandon University, Brandon, Manitoba, in 1984.
3. I am registered with the following professional organizations:

Professional Geologist with The Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) since 2009, member number 104257.

4. I have worked as a Geologist since graduation with a Bachelor of Science degree from the Brandon University in 1984.
5. I have read the definition of a "qualified person" set out in National Instrument 43-101 (NI 43-101) and certify by reason of my education, work experience and registration with APEGGA that I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation, in part, of the technical report titled "2011 Geological and Geochemical Programs, DEET, Yukon Territory". The report, dated April 30, 2013, was prepared for Northern Tiger Resources Inc., relating to the DEET Property.
7. I currently hold options to purchase stock in Northern Tiger Resources Inc.
8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public.

Dated: April 30, 2013



Dennis Ouellette, B.Sc., P.Geol.

Appendix 2: Silt Sample Tables

<i>Sample_No</i>	<i>X_NAD83Z8</i>	<i>Y_NAD83Z8</i>	<i>% Fines</i>	<i>Colout</i>	<i>Stream Grade</i>	<i>Stream Width (m)</i>	<i>Slope</i>	<i>Date</i>	<i>Sampler</i>	<i>Comments</i>
K521284	542101	6798127	85	Lt Brn	10	1	G	24-Jun-11	DC	Mod flow with high volume
K521285	541896	6798214	85	Lt Brn	10	1	G	24-Jun-11	DC	Fast flow; high volume.
K922882	541376	6797253	90	Gry	10	0.5	G	02-Jul-11	RL/JL	Gentle flow to the W
K922883	541603	6797198	90	Gry-Brn	3	1.5	F	02-Jul-11	RL/JL	Gentle flow to the SW
K922884	541063	6797276	90	Gry-Brn	8	1.5	G	02-Jul-11	RL/JL	Moderate flow to the W
K922885	540827	6797311	90	Brn	10	1	G	02-Jul-11	RL/JL	Moderate flow to the W
K922886	540605	6797368	90	Brn	6	1	G	02-Jul-11	RL/JL	Gentle flow to the W/SW
K922887	540392	6797258	80	Brn	13	1	G	02-Jul-11	RL/JL	Fast flow to the SW
K521366	542759	6798653	85	Brn	10	1	G	20-Jun-11	GL/PN	Flow to the W
K521367	542539	6798705	90	Brn	15	1	G	20-Jun-11	GL/PN	Flow to the W
K521368	542309	6798813	80	Brn	15	1	G	20-Jun-11	GL/PN	Flow to the W
K521369	542061	6798878	80	Brn	5	1	G	20-Jun-11	GL/PN	Flow to the W
K521370	541746	6798926	50	Brn	5	1.5	G	20-Jun-11	GL/PN	Flow to the W
K521371	541514	6798887	85	Brn	5	1.5	G	20-Jun-11	GL/PN	Flow to the W
K521372	541280	6798810	95	Brn	10	1	G	20-Jun-11	GL/PN	Flow to the W
K521373	540988	6798687	80	Brn	5	1	G	20-Jun-11	GL/PN	Flow to the W
K521374	540750	6798587	95	Brn	15	2	G	20-Jun-11	GL/PN	Flow to the W
K521375	540946	6798530	98	Brn	5	1	G	20-Jun-11	GL/PN	Flow to the W
K521376	541265	6798412	80	Brn	5	1.5	G	20-Jun-11	GL/PN	Flow to the W
K521377	541427	6798372	95	Brn	5	2	G	20-Jun-11	GL/PN	Flow to the W
K921557	541589	6795969	100	Brn	2	0.5	F	02-Jul-11	GL/PN	Flow to the W
K921558	541359	6795986	100	Brn	2	0.5	F	02-Jul-11	GL/PN	Flow to the W
K921559	541091	6796018	75	Brn	15	1.5	Mod	02-Jul-11	GL/PN	Flow to the W
K921560	540838	6796002	70	Brn	10	1.5	Mod	02-Jul-11	GL/PN	Flow to the W
K921561	540616	6796001	70	Brn	10	2	Mod	02-Jul-11	GL/PN	Flow to the W

Appendix 3: Soil Sample Tables

Station	Project	Sample_no	map_x	map_y	datum	utmz	le_tech	Source	Sample	Horiz	Depth_	Colour	organi	fragn	frag_c	Perma	slope_ang	veget	Surficia	Date
K521280	Deet	K521280	542847	6797831	NAD83	8	Grab	Soil-C	DC	C	10	Org-Brn	0	2	Mica	N	G	NV		24/06/2011
K922008	Deet	K922008	541526	6799373	NAD83	8	Grab	Soil-B	RG	B	30	Brn	1	10		N	Mod	NV	Till	30/06/2011
K922009	Deet	K922009	541738	6799348	NAD83	8	Grab	Soil-C	RG	C	40	Brn	1	15		N	Mod	NV	Till	30/06/2011
K922010	Deet	K922010	541831	6799361	NAD83	8	Grab	Soil-C	RG	C	40	Brn	2	10		N	Mod	NV	Till	30/06/2011
K922011	Deet	K922011	542027	6799374	NAD83	8	Grab	Soil-B	RG	B	40	Brn	1	15		N	Mod	NV	Till	30/06/2011
K922012	Deet	K922012	542230	6799381	NAD83	8	Grab	Soil-B	RG	B	30	Brn	5	10		N	Mod	NV	Till	30/06/2011
K922013	Deet	K922013	542328	6799377	NAD83	8	Grab	Soil-B	RG	B	40	Gry-Brn	10	10		N	Mod	NV	Till	30/06/2011
K922014	Deet	K922014	542323	6799478	NAD83	8	Grab	Soil-C	RG	C	40	Gry-Brn	1	20		N	Mod	NV	Till	30/06/2011
K922015	Deet	K922015	542323	6799471	NAD83	8	Grab	Soil-C	RG	C	30	Yel-Brn	5	20		N	Mod	NV	Till	30/06/2011
K922016	Deet	K922016	542036	6799476	NAD83	8	Grab	Soil-C	RG	C	30	Gry-Brn	10	15		N	Mod	NV	Till	30/06/2011
K922017	Deet	K922017	541934	6799470	NAD83	8	Grab	Soil-B	RG	B	40	Gry-Brn	1	15		N	Mod	NV	Till	30/06/2011
K922018	Deet	K922018	541815	6799463	NAD83	8	Grab	Soil-C	RG	C	40	Gry-Brn	2	10		N	Mod	NV	Till	30/06/2011
K922019	Deet	K922019	541522	6799268	NAD83	8	Grab	Soil-B	RG	B	30	Brn	1	15		N	Mod	NV	Till	30/06/2011
K922020	Deet	K922020	541523	6799723	NAD83	8	Grab	Soil-B	RG	B	30	Gry-Brn	15	5		N	Mod	NV	Till	30/06/2011
K922021	Deet	K922021	541625	6799271	NAD83	8	Grab	Soil-C	RG	C	50	Drk Brn	5	10		N	Mod	NV	Till	30/06/2011
K922022	Deet	K922022	541718	6799267	NAD83	8	Grab	Soil-B	RG	B	30	Brn	1	15		N	Mod	NV	Till	30/06/2011
K922023	Deet	K922023	542050	6799263	NAD83	8	Grab	Soil-C	RG	C	40	Brn	1	16		N	Mod	NV	Till	30/06/2011
K922024	Deet	K922024	542122	6799271	NAD83	8	Grab	Soil-C	RG	C	40	Brn	1	10		N	Mod	NV	Till	30/06/2011

Appendix 4: Rock Sample Tables

Sample_No	X_NAD83Z8	Y_NAD83Z8	Sample Type	Sample Description	Lithology	Modifier	Colour	Carb. Presence	Silicification	Alteration 1	Alteration 2	Other Alteration	Mineral 1	Amount(%)	Mineral 2	Amount(%)	Other Mineral	Amount(%)	Date	Sampler
K922401	540344	6796809	G	Flt	Q	QV	Blu-Green						Py	20					23-Jun-11	JL
K922402	540421	6796661	G	Flt	Q	QV	Blu-Green						Py	10					23-Jun-11	JL
K922403	542252	6799507	G	Flt	Q	QV	Rusty						Py	10					24-Jun-11	JL
K922404	541447	6797726	G	Flt	Q	QV	Rusty						Py	6					24-Jun-11	JL
K922405	541485	6797694	G	Flt	Q	QV	Red-Yel						Cpy	10					24-Jun-11	JL
K922406	541495	6797676	G	Flt	Q	QV	Red-Yel						Py	10					24-Jun-11	JL
K922407	541505	6797614	G	Flt	Q	QV	Red-Yel						Py	10					24-Jun-11	JL
K922408	542240	6796777	G	Flt	Q	QV	Red-Yel						Py	40					24-Jun-11	JL
K922409	542113	6796751	G	Flt	Q	QV	Brn						Py	10					25-Jun-11	JL
K922410	542101	6796762	G	Flt	Q	QV	Org						Py	50					25-Jun-11	JL
K922411	541691	6797787	G	Flt	Q	QV	Org						Mal	10					26-Jun-11	JL
K922851	540200	6797825	G	Rc	Q	QV	Milky		S3				Hem	1	Mang	1			22-Jun-11	BS
K922852	540550	6797725	G	Rc	Q	QV	Wht		S3										22-Jun-11	BS
K922853	545500	6797700	G	Oc	Q/Hc	Calc	Drk Grn	Y	S3	C2			Mang	Tr					22-Jun-11	BS
K922854	540925	6797745	G	Rc	Q	QV	Milky		S3				Cpy	2	Mal	Tr			22-Jun-11	BS
K922855	540928	6797750	G	Rc	Q	QV	Milky		S3				Cpy	2	Fe	2			22-Jun-11	BS
K922856	540969	6797755	G	Flt	Q	QV	Wht		S3				Cpy	2	Fe	Tr			23-Jun-11	BS
K922857	540952	6797738	G	Flt	Q	QV	Wht-Drk Grn		S3				Py	7					23-Jun-11	BS
K922858	540958	6797735	G	Flt	Q/Gr	Sil	Tan		S3	A2			Py	1	Cpy	1			23-Jun-11	BS
K922859	540964	6797733	G	Flt	Q	QV	Fe		S3				Lim	Tr					23-Jun-11	BS
K922860	540991	6797750	G	Rc	Q	QV	Wht		S3	C2			Fe	Tr					23-Jun-11	BS
K922861	540976	6797742	G	Flt	Q/Gr	QV	Tan		S3				Py	2	Fe	Tr			23-Jun-11	BS
K922862	541100	6797150	G	Rc	Q	QV	Wht		S3				Py	3	Fe	Tr			23-Jun-11	BS
K922863	541200	6797550	G	Rc	Q/Bx	Brecc	Wht		S3				Py	3	Fe	Tr			23-Jun-11	BS
K922864	541110	6797145	G	Rc	Gn	Sil	Drk Grn		S3				Cpy	Tr	Fe	Tr			23-Jun-11	BS
K922865	541200	6797550	G	Flt	Gn	Sil	Li Grn		S3				Py	1	Fe	Tr			23-Jun-11	BS
K922866	541700	6797600	G	Rc	Q	QV	Fe		S3		A2		Fe	Tr					24-Jun-11	BS
K922867	542444	6797896	G	Rc	Gn	CSil	Tan	Y	S3	C2			Gal	Tr					24-Jun-11	BS
K922868	542445	6797500	G	Flt	Q	QV	Wht		S3				Py	Tr	Mal	Tr			24-Jun-11	BS
K922869	542851	6797690	G	Flt	Gr?	Sil	Brn		S3				Py	Tr	Fe	Tr			24-Jun-11	BS
K922870	543200	6798302	G	Flt	Gn	Calc	Wht	Y	S3	C2									24-Jun-11	BS
K922871	543100	6798725	G	Flt	And?	QV	Wht		S3				Py	3					25-Jun-11	BS
K922872	541381	6796877	G	Flt	Gn/C	QV	Li Brn		S3				Cpy	1	Mal	Tr			26-Jun-11	BS
K922873	541430	6796825	G	Flt	Gn	QV	Drk Grn		S3				Py	10	Fe	Tr			26-Jun-11	BS
K922874	541800	6796650	G	Flt	Gn	Sil	Drk Grn		S3				Py	2	Fe	Tr			26-Jun-11	BS
K922875	541427	6797654	G	Oc	Q	QV	Wht		S3				Gal	2	Cpy	1	Fe	Tr	26-Jun-11	BS
K521351	540335	6796830	G	Flt	Gn	Frac	Wht			PR3			Py	5	Lim	10	Hem	10	23-Jun-11	RL
K521352	542453	6799499	G	Flt	Bas?	Brecc	Blu-Green			PR3	PH2		Mal	15	Azu	10	py	5	24-Jun-11	RL

Sample_No	X_NAD83Z8	Y_NAD83Z8	Sample Type	Sample Description	Lithology	Modifier	Colour	Carb. Presence	Silicification	Alteration 1	Alteration 2	Other Alteration	Mineral 1	Amount(%)	Mineral 2	Amount(%)	Other Mineral	Amount(%)	Date	Sampler
K521353	541488	6797684	G	Flt	Q	QV Frac	Org-Brn		S3	A3			Py	10 sph	5 Lim	5			25-Jun-11	RL
K521354	541488	6797684	G	Flt	Q	QV Frac	Org-Brn		S3				Py	5 Lim	5				25-Jun-11	RL
K521355	541514	6797724	G	Flt	Q	QV Frac	Org-Brn		S3				Mal	10 Azu	10 py	5			25-Jun-11	RL
K521356	541504	6797710	G	Flt	Q	QV Frac	Org-Brn		S3				Mal	15 Azu	15 Lim	10			25-Jun-11	RL
K521357	542241	6796779	G	Flt	Gn	Frac	Gry-Brn			PR3	PH1		Py	10					25-Jun-11	RL
K521358	541673	6797790	G	Flt	Gn		Wht-Grn			PR3			Mal	10 Py	10				26-Jun-11	RL
K521359	542750	6797144	G	Flt	Q	QV Frac	Org		S3				Py	10 Hem	10 Lim	10			26-Jun-11	RL
K521360	541835	6796457	G	Flt	Q	QV Frac	Org		S3				Py	10 Lim	10				26-Jun-11	RL
K922876	541276	6797614	G	Flt	Gn	QV Frac	Org						Cpy	5 Lim	5 Py	2			28-Jun-11	RL
K922877	541321	6797545	G	Flt	Gn	QV Frac	Org						Cpy	10 Lim	5 Hem	Tr			28-Jun-11	RL
K922878	541375	6797521	G	Flt	Gn	QV Frac	Tan-Grn		S3	Pr3	A3		Gal	3 Cpy	2 Lim	5			28-Jun-11	RL
K922879	541322	6797535	G	Flt	Gn	QV Frac	Org		S3	Pr2	Ph3	A3	Py	5 Lim	5 Hem	5			28-Jun-11	RL
K922880	542804	6797678	G	Flt	Q	QV Frac	Tan		S3	A2			Lim	10 Py	5				28-Jun-11	RL
K922881	542525	6798492	G	Flt	Q	QV Frac	Org		S3				Lim	10 Py	5 Spy	5			01-Jul-11	RL
K922412	541281	6797632	G	Flt	Q		Org						Py	7	Lim	5			28-Jun-11	JL
K922413	541289	6797597	G	Flt	Q		Brn						Py	1	Lim	5			28-Jun-11	JL
K922414	541322	6797544	G	Flt	Q		Brn						Mal	10 Py	10 Lim	5			28-Jun-11	JL
K922415	541365	6797528	G	Flt	Q		Wht						Mal	1 Py	1 Lim	5			28-Jun-11	JL
K922416	541372	6797526	G	Flt	Q		Org						cpy	1	Lim	5			28-Jun-11	JL
K922417	541616	6797539	G	Flt	Q		Org						Gal	10	Lim	5			28-Jun-11	JL
K922418	542905	6798216	G	Flt	Q		Yel-Org						Py	10	Lim	5			28-Jun-11	JL
K922419	542173	6796160	G	Flt	Q		Blk						Mal	Tr	Py	Tr	Lim	5	30-Jun-11	JL
K922420	542131	6796038	G	Flt	Q		Wht						Py	Tr		Lim	5		30-Jun-11	JL
K922421	541417	6795620	G	Flt	Gn		Grn						Py	5	Lim	5			01-Jul-11	JL
K922422	542524	6798495	G	Flt	Q		Yel-Org						Py	1	Lim	5			01-Jul-11	JL
K922423	543100	6799470	G	Flt	Gn		Org						Py	5	Lim	5			01-Jul-11	JL
K922424	543155	6800086	G	Flt	Q		Brn						Py	1	Lim	5			01-Jul-11	JL
K922425	540728	6797336	G	Flt	Q		Org						Py	5	Lim	5			02-Jul-11	PN
K921551	541149	6797258	G	Flt	Gn/C Stwk		Blu-Gry		S3				Py	2					28-Jun-11	PN
K921552	541894	6797012	G	Flt	Q		Wht		S3				Py	10					28-Jun-11	PN
K921553	541853	6796953	G	Flt	Q		Brn		S3				Py	2					28-Jun-11	PN
K921554	541671	6796793	G	Flt	Gran Stwk		Brn		S2				Py	5					28-Jun-11	PN
K921555	540909	6796563	G	Flt	Gn/Gran		Wht-Gry		S2				Py	10					28-Jun-11	PN
K921556	541153	6796533	G	Flt	Gn		Blu-Gry		S3				Gal	2 Py	2				01-Jul-11	PN
K521361	540906	6797560	G	Flt	Gn		Gry-Brn						Py	1					28-Jun-11	GL
K521362	540869	6797575	G	Flt	Gn		Blk						Py	1					28-Jun-11	GL
K521363	541335	6797285	G	Flt	Gn		Wht						Py	1					28-Jun-11	GL
K521364	540941	6796444	G	Flt	Gn		Wht						Py	1					28-Jun-11	GL

Sample_No	X_NAD83Z8	Y_NAD83Z8	Sample Type	Sample Description	Lithology	Modifier	Colour	Carb. Presence	Silicification	Alteration 1	Alteration 2	Other Alteration	Mineral 1	Amount(%)	Mineral 2	Amount(%)	Other Mineral	Amount(%)	Date	Sampler
K521365	540910	6796565	G	Flt	Gn		Brn						Py	1					28-Jun-11	GL
K521378	542210	6796327	G	Flt	Gn		Wht						Py	1					01-Jul-11	GL
K521379	540465	6796498	G	Flt	Gn		Brn						Py	2					01-Jul-11	GL
K521380	540474	6796466	G	Oc	Gn		Brn						Py	3					01-Jul-11	GL
K521260	540935	6797746	CG	Ta/float		QV	wh			limonite			Silver s	trace					23/06/2011	DCC
K521261	540995	6797681	CG	Ta/float		Frac QV	wh			limonite wh clay			Cpy	1% Sph	0.50%				23/06/2011	DCC
K521262	541005	6797681	CG	Ta/float		Frac QV	wh			or-brn lim			Cpy	2% Sph	1% As?				23/06/2011	DCC
K521263	541004	6797679	CG	Ta/float		Frac QV	wh			yl-or lim			Cpy	0.50% Sph	1%				23/06/2011	DCC
K521264	540984	6797699	CG	Ta/float		Sil QV	wh-or			2 or-rd lim	vuggy,	Cpy	Trace	Sph	0.50% Mag	0.5% clu			23/06/2011	DCC
K521265	541009	6797675	CG	Ta/Float		QV	wh			or-yl lim wk clay									23/06/2011	DCC
K521266	541083	6797637	CG	Oc		Qtz lense	wh			2 wk clay			Sph	Trace					23/06/2011	DCC
K521267	541509	6797521	CG	Ta/float		Frac QV	wh			or limon Chlorite			Sph	0.50% Mal	wk	Spec he	trace		23/06/2011	DCC
K521268	541559	6797566	CG	Ta/float		QV	wh-gy-or			2 rd-or lim	vuggy,	coxicomb							23/06/2011	DCC
K521269	540852	6797961	CG	Ta/float		QV	or-rusty			wk lim wk clay			Cpy	trace	Sph	?			22/06/2011	DCC
K521270	540661	6797799	CG	Ta/ float		Frac QV	wh			wk lim wk clay									22/06/2011	DCC
K521271	540560	6797681	CG	Ta/ float		QV vuggy	rusty wh			wk clay			CPY	trace	Sph	?			22/06/2011	DCC
K521272	540798	6797567	G	Ta/float		QV brittle	wh												22/06/2011	DCC
K521273	540933	6797742	CG	Ta/ float		QzCb	wh-or	3		2 limonite chlorite			Cpy	2% Mal	1%				22/06/2011	DCC
K521274	540929	6797747	CG	Ta/ float		QV	wh-gy-or			limonite or			Cpy	1-2% Mal	0.50% Sph	0.50%			22/06/2011	DCC
K521275	540921	6797751	CG	Ta/float		QV				3 wk lim			Mal	0.50%					22/06/2011	DCC
K521276	540921	6797751	CG	Ta/float		QV	wh			limonite Hem mod			Cpy	3% Sph	2% Mal	0.50%			22/06/2011	DCC
K521277	541732	6797805	CG	Ta/float		Frac QV	wh			or limonite wk clay	VFG su	Trace							24/06/2011	DCC
K521278	542502	6797906	CG	Ta/float		QzCb	wh-grn	2		drk or lir Chlorite			Mag	2%					24/06/2011	DCC
K521279	542798	6797869	CG	Ta/float		QV	wh-gy			2 yl-or lim			Py	2%					24/06/2011	DCC
K521281	542860	6797824	CG	Ta/float		QV	wh-or-pnk			rose qtz drk or-yl lim	Spec H	Cpy	1% Cc?	1% ??	Sph	1%			24/06/2011	DCC
K521282	543211	6798378	CG	Ta/float		QV	wh-gy			or-brn lim	Spec Hematite								24/06/2011	DCC
K521283	542987	6798307	CG	Ta/float		QV	wh-gy-pnk			rose qtz,3			Cpy	0.50% Py	0.50% Sph	0.50%			24/06/2011	DCC
K521286	542983	6798665	Grab	Oc		Qz lense	wh			wk or-rd lim									25/06/2011	DCC
K521287	542448	6798692	CG	Ta/float		QV	wh-or			or limon Mang vugs			Py	2%					25/06/2011	DCC
K521288	541172	6796574	SCG	Ta/float		QV	wh			yl-or lim Mang wk			Cpy	trace	Mal	Wk			25/06/2011	DCC
K521289	541177	6796582	SCG	Ta/float		QV	wh			translus or limon Epidote			Mal	wk	Az	trace			26/06/2011	DCC
K521290	541171	6796590	SCG	Ta/float		QV	wh			brittle or limon Epidot vuggy			Cpy	trace	Mal; A	wk	Mang wk		26/06/2011	DCC
K521291	541491	6797626	CG	Ta/float		Frac QV	wh-gy			brittle or limonite									26/06/2011	DCC
K521292	541479	6797629	CG	Ta/float		QV	or-rd			vuggy yl-or lim			Cpy	trace	Mal	trace			26/06/2011	DCC
K521293	541481	6797627	CG	Fs		QV	wh-gy			coxicom or limonite			Cpy	0.50%					26/06/2011	DCC
K521294	541462	6797634	CG	Rc		QV	or-rd			silica vn or-yl lim fractures			Cpy	0.50%	.				26/06/2011	DCC
K521295	541449	6797643	CG	Fs		QV	wh-rd			rd lim			Cpy	0.50% Py	1%				26/06/2011	DCC
K521296	540997	6797908		Fs	GN					chl			py	0.01					28-Jun-11	EM

Sample_No	X_NAD83Z8	Y_NAD83Z8	Sample Type	Sample Description	Lithology	Modifier	Colour	Carb. Presence	Silicification	Alteration 1	Alteration 2	Other Alteration	Mineral 1	Amount(%)	Mineral 2	Amount(%)	Other Mineral	Amount(%)	Date	Sampler
K521297	540555	6797622	G	Oc	GN					chl			py	0.1					28-Jun-11	EM
K521298	540557	6797609	CG	Oc	Gr				m				py	0.2					28-Jun-11	EM
K521299	540552	6797577	SCG	Oc	QV								py	0.2					28-Jun-11	EM
K521300	540537	6797534	CG	Oc	HFP					chl	cla		py	0.1					28-Jun-11	EM
K922386	540487	6797543	G	Oc	GN					chl	cla	crb	py	0.5	cpy	0.01			28-Jun-11	EM
K922388	540575	6797580	CG	Fs	AMP					crb	epi		sox	0.05					28-Jun-11	EM
K922387	540528	6796881	SCG	Rc	AMP			s		chl	epi								30-Jun-11	EM
K922389	540533	6796871	G	Rc	QV			m	w	chl	ser		feo	35	pyr	0.5			30-Jun-11	EM
K922391	540434	6796638		Oc	GN				i				pyr	5					30-Jun-11	EM
K922392	540323	6796698	G	Oc	GN	BRX			i	cla	mus		feo	30					30-Jun-11	EM
K922393	540459	6796542		Oc	GN	BRX			s	ser	mus	cla	feo	10	pyr	0.5			30-Jun-11	EM
K922394	541405	6797526		Oc	GN	QV				chl									01-Jul-11	EM
K922395	541507	6797593		Oc	FGN	QV				chl	ser								01-Jul-11	EM
K922396	542061	679599		Oc	QVEI														01-Jul-11	EM
K922397	542013	6797614		Oc	QVEI					chl									03-Jul-11	EM
K922398	542293	6797587		Rc	GN	QV			w	cla									03-Jul-11	EM
K922390	540431	6796620		Oc	GN	BRX		w	i	cla			feo	40					30-Jun-11	EM

Appendix 5: Assay Certificates



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

Page: 1
Finalized Date: 28-JUL-2011
Account: NOTIRE

CERTIFICATE WH11119967

Project: DEET

P.O. No.: NTR11D001

This report is for 79 Rock samples submitted to our lab in Whitehorse, YT, Canada on 27-JUN-2011.

The following have access to data associated with this certificate:

G. HAYES

BONNIE POLLRIES

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb- OG62	Ore Grade Pb - Four Acid	VARIABLE
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: NORTHERN TIGER RESOURCES
ATTN: G. HAYES
220 - 17010 103RD AVE.
EDMONTON AB T5S 1K7

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

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Project: DEET

CERTIFICATE OF ANALYSIS WH11119967

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
K521260		1.60	0.006	0.07	0.15	20.3	580	<0.05	0.01	0.46	0.20	0.67	0.9	17	0.15	16.9
K521261		2.36	0.604	0.94	0.83	4.8	70	0.10	0.19	0.04	0.02	0.99	5.6	31	0.07	2.7
K521262		2.72	0.356	0.68	0.46	3.7	210	0.08	0.12	0.02	0.06	0.96	3.9	21	0.08	4.7
K521263		2.26	0.575	1.03	0.22	4.9	120	<0.05	0.19	0.01	<0.02	1.23	8.1	23	0.06	5.0
K521264		1.97	1.450	2.13	1.89	111.5	380	0.26	2.73	0.04	0.11	5.41	72.3	27	0.45	27.9
K521265		1.96	0.233	0.42	0.57	13.7	40	0.08	0.16	0.01	<0.02	0.80	3.4	12	0.11	21.3
K521266		1.50	0.113	0.29	3.73	1.7	60	0.44	0.10	0.07	0.04	6.84	5.0	16	0.43	2.2
K521267		1.62	0.010	0.30	0.67	7.3	90	0.08	0.09	0.04	0.02	1.70	15.6	21	0.15	112.0
K521268		1.74	0.090	0.27	0.05	2.8	1620	<0.05	0.58	0.01	0.07	0.53	2.6	29	<0.05	7.4
K521269		1.26	0.002	0.01	0.09	115.0	60	0.26	0.01	0.08	0.11	0.48	0.9	63	0.40	2.8
K521270		1.32	0.002	0.01	0.13	1.1	20	<0.05	0.02	0.02	0.02	0.33	0.6	43	0.06	1.8
K521271		1.56	0.011	0.08	3.09	4.0	90	1.25	0.48	0.37	0.04	19.55	3.6	28	0.30	3.8
K521272		1.47	0.002	0.02	0.55	1.1	180	0.13	0.02	0.02	0.02	0.33	0.5	25	0.06	2.0
K521273		2.42	0.057	3.57	5.66	44.3	740	1.05	0.03	1.00	0.34	20.3	7.8	13	1.15	1625
K521274		1.68	0.082	7.29	0.07	118.5	50	<0.05	0.08	0.02	0.42	0.36	9.5	20	0.07	3260
K521275		1.45	0.004	0.23	7.03	4.8	290	1.39	0.03	2.24	0.21	12.80	7.9	11	1.78	122.5
K521276		1.68	0.614	10.05	0.03	4.5	10	<0.05	0.02	0.01	0.14	0.07	0.5	18	<0.05	1630
K521277		1.40	0.004	0.47	0.14	1.8	8030	<0.05	0.38	0.01	0.04	0.82	0.5	23	<0.05	84.7
K521278		2.06	0.002	0.09	5.07	0.6	110	0.72	<0.01	0.94	0.12	31.4	4.3	20	0.18	9.8
K521279		1.52	0.002	2.15	0.06	4.3	270	<0.05	<0.01	0.02	0.08	0.15	0.7	33	0.06	113.0
K521281		1.68	0.003	0.29	0.19	3.2	680	<0.05	<0.01	0.02	<0.02	0.20	0.9	34	0.05	57.1
K521282		1.59	0.001	0.17	1.82	1.7	90	0.21	0.01	0.04	0.10	5.10	4.3	25	0.17	7.0
K521283		2.04	0.003	0.09	0.05	1.4	20	<0.05	0.03	0.01	<0.02	0.22	10.4	29	<0.05	32.5
K521286		1.14	0.001	0.02	0.08	<0.2	10	<0.05	<0.01	<0.01	<0.02	0.08	0.4	30	<0.05	2.0
K521287		1.60	0.001	0.05	4.96	1.1	60	0.50	0.03	0.43	0.03	0.53	3.8	17	0.24	5.3
K521288		0.89	0.021	0.96	0.20	188.0	60	0.05	0.54	0.07	0.09	0.59	0.8	32	0.31	455
K521289		1.66	0.120	1.33	0.04	88.2	680	<0.05	0.08	0.08	0.21	0.29	1.2	22	0.06	473
K521290		2.16	0.650	18.35	0.23	1405	7810	<0.05	6.09	0.02	2.71	1.40	1.0	56	0.49	6290
K521291		1.47	0.012	0.24	0.34	12.9	70	0.05	0.06	0.09	0.04	1.16	1.0	28	0.06	51.7
K521292		2.34	0.133	0.86	0.06	4.9	4840	<0.05	1.43	<0.01	0.05	0.64	1.4	29	0.06	13.3
K521293		2.51	0.245	3.88	0.06	5.2	400	<0.05	10.70	<0.01	0.15	2.05	1.9	30	0.09	12.5
K521294		2.25	0.689	2.11	2.64	2.4	1630	0.32	2.39	0.04	0.03	5.89	0.5	16	0.06	6.1
K521295		1.82	0.323	1.82	0.52	3.7	560	0.06	4.57	0.01	0.05	1.51	3.0	24	<0.05	13.1
K521351		0.94	0.007	0.17	1.58	10.0	900	0.15	0.09	0.04	0.03	17.20	4.8	44	0.64	33.4
K521352		2.63	0.074	1.66	7.20	1.8	1430	1.21	0.08	8.25	0.50	35.6	19.4	8	0.52	3370
K521353		0.95	0.102	0.17	1.05	3.4	130	0.17	0.30	0.03	0.02	3.08	30.1	18	0.21	11.6
K521354		0.71	0.069	0.37	0.89	4.5	1740	0.13	0.17	0.07	0.06	3.33	12.5	14	0.18	50.1
K521355		0.62	0.179	13.15	4.91	26.1	180	0.60	0.07	0.14	0.44	19.05	10.2	18	1.37	6700
K521356		0.64	0.256	14.20	3.27	11.5	40	0.35	0.71	0.10	0.57	14.10	8.2	11	0.17	9830
K521357		0.75	0.005	0.22	6.80	7.7	2930	1.67	0.25	2.46	0.80	76.0	6.2	4	6.35	37.2



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Project: DEET

CERTIFICATE OF ANALYSIS WH11119967

Sample Description	Method Analyte Units LOR	ME- MS61 Fe %	ME- MS61 Ga ppm	ME- MS61 Ge ppm	ME- MS61 Hf ppm	ME- MS61 In ppm	ME- MS61 K %	ME- MS61 La ppm	ME- MS61 Li ppm	ME- MS61 Mg %	ME- MS61 Mn ppm	ME- MS61 Mo ppm	ME- MS61 Na %	ME- MS61 Nb ppm	ME- MS61 Ni ppm	ME- MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
K521260		0.84	0.67	0.08	<0.1	0.044	0.05	<0.5	3.2	0.04	313	0.94	<0.01	0.2	2.0	20
K521261		1.76	1.56	0.05	<0.1	<0.005	0.08	0.7	0.8	0.02	61	0.50	0.44	1.2	1.2	80
K521262		1.81	1.29	0.05	<0.1	0.018	0.09	0.6	0.9	0.03	62	0.70	0.19	0.6	1.3	40
K521263		2.19	0.75	0.06	<0.1	<0.005	0.03	0.8	0.6	0.01	67	0.35	0.10	0.5	2.3	70
K521264		9.75	4.63	0.16	0.1	0.014	0.45	3.7	1.8	0.14	159	6.02	0.81	1.3	8.1	250
K521265		3.13	4.48	0.07	<0.1	0.006	0.07	0.5	3.8	0.01	82	0.63	0.03	0.2	1.3	80
K521266		1.85	5.93	0.06	0.1	0.012	0.10	4.6	1.2	0.05	86	0.52	2.60	1.9	1.5	110
K521267		1.10	1.33	0.06	<0.1	0.005	0.28	0.9	1.3	0.09	101	0.27	0.21	1.0	8.4	40
K521268		1.60	0.40	0.05	<0.1	0.006	0.01	<0.5	0.6	<0.01	53	81.2	<0.01	0.4	1.2	60
K521269		0.84	2.82	<0.05	<0.1	<0.005	0.02	<0.5	18.1	0.02	101	0.92	0.01	0.2	3.2	390
K521270		0.64	0.49	<0.05	<0.1	<0.005	0.03	<0.5	1.5	0.01	84	0.53	0.03	0.2	1.3	20
K521271		1.37	6.15	0.07	0.2	0.022	0.11	7.6	1.2	0.04	276	0.18	2.04	3.0	6.2	900
K521272		0.57	0.80	<0.05	<0.1	<0.005	0.30	<0.5	0.6	0.01	85	0.30	0.20	0.3	1.6	20
K521273		1.81	11.45	0.11	0.3	0.061	0.95	11.1	7.1	0.19	650	0.65	3.00	4.9	2.0	340
K521274		1.53	0.28	0.13	<0.1	0.088	0.02	<0.5	0.7	<0.01	77	2.16	0.01	0.1	1.5	20
K521275		2.25	11.90	0.13	0.1	0.026	0.86	6.6	8.2	0.86	623	0.09	2.22	5.1	2.7	200
K521276		0.88	0.22	0.06	<0.1	0.043	<0.01	<0.5	0.6	<0.01	64	1.21	0.01	0.1	1.4	10
K521277		0.57	0.51	0.05	<0.1	0.023	0.01	0.6	0.7	0.01	62	0.87	0.05	0.2	1.1	10
K521278		2.79	9.69	0.12	0.1	0.012	0.06	15.7	2.4	0.21	392	0.23	3.92	2.2	2.5	270
K521279		0.70	0.32	0.06	<0.1	<0.005	0.02	<0.5	0.3	<0.01	58	0.68	0.01	0.2	0.6	10
K521281		0.75	0.34	0.06	<0.1	<0.005	0.15	<0.5	0.2	<0.01	51	0.82	0.03	0.2	1.4	20
K521282		2.64	4.39	0.06	0.1	0.013	0.57	3.0	5.8	0.02	585	0.30	1.04	1.1	3.7	210
K521283		1.37	0.29	<0.05	<0.1	<0.005	0.01	<0.5	0.3	0.01	60	0.64	0.02	0.1	2.2	30
K521286		0.50	0.18	0.06	<0.1	<0.005	0.01	<0.5	0.3	<0.01	58	0.17	0.04	0.2	1.0	10
K521287		1.31	6.19	0.06	0.1	<0.005	0.08	<0.5	1.0	0.04	127	0.38	4.02	0.9	5.4	140
K521288		0.94	0.75	0.05	<0.1	0.005	0.09	0.5	2.6	0.01	216	0.19	<0.01	0.1	6.2	40
K521289		0.78	0.19	0.06	<0.1	0.005	0.01	<0.5	3.0	<0.01	150	0.40	<0.01	0.1	3.7	10
K521290		1.66	1.04	0.07	<0.1	0.194	0.11	1.8	3.8	0.01	123	0.54	0.01	0.1	6.9	70
K521291		0.70	0.58	0.05	<0.1	<0.005	0.02	0.7	0.9	0.01	176	0.21	0.22	0.2	1.0	30
K521292		1.84	0.31	0.05	<0.1	<0.005	0.01	0.5	0.2	<0.01	75	181.5	0.04	0.2	1.5	120
K521293		1.46	0.29	0.05	<0.1	<0.005	0.01	1.3	0.3	<0.01	54	461	0.02	0.4	0.9	150
K521294		2.17	5.19	0.07	0.1	0.006	0.05	4.0	0.7	0.01	49	47.1	1.99	3.4	1.3	60
K521295		1.75	1.14	0.05	<0.1	<0.005	0.02	1.1	0.4	<0.01	53	369	0.39	1.0	0.9	50
K521351		1.81	4.50	0.07	0.3	0.016	0.08	9.3	4.9	0.01	57	9.92	0.01	3.3	9.2	930
K521352		5.79	34.2	0.15	1.0	0.053	0.58	19.7	9.8	1.20	972	1.69	1.11	7.2	10.7	1050
K521353		4.03	2.54	0.08	0.1	0.006	0.03	2.0	1.3	0.03	62	1.72	0.63	2.0	2.0	120
K521354		2.93	2.19	0.06	0.1	0.010	0.06	3.4	1.0	0.02	56	4.01	0.41	2.7	1.3	90
K521355		3.45	8.35	0.09	0.2	0.215	0.40	11.0	3.5	0.17	183	10.75	2.90	3.3	2.0	200
K521356		2.58	5.63	0.07	0.2	0.438	0.06	8.0	1.8	0.09	197	3.94	2.22	2.5	1.2	170
K521357		4.22	18.35	0.17	0.6	0.082	2.34	38.0	33.1	0.83	1100	0.25	2.56	9.2	1.1	640



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CERTIFICATE OF ANALYSIS WH11119967

Sample Description	Method Analyte Units LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
K521260		1.4	3.1	<0.002	0.02	10.15	1.0	1	<0.2	11.9	<0.05	<0.05	<0.2	<0.005	0.03	0.2
K521261		<0.5	3.0	<0.002	0.05	0.59	0.9	1	<0.2	8.7	0.06	0.97	0.5	0.033	<0.02	0.9
K521262		0.6	3.4	<0.002	0.48	0.62	0.7	1	0.2	5.5	<0.05	0.72	0.4	0.011	<0.02	0.2
K521263		<0.5	1.5	<0.002	0.05	0.50	0.5	1	<0.2	4.6	<0.05	1.01	0.3	0.008	<0.02	0.4
K521264		44.8	15.5	<0.002	0.08	10.75	3.6	2	0.3	23.0	0.09	3.54	0.9	0.032	0.06	3.8
K521265		2.1	2.8	<0.002	0.01	2.93	1.0	1	<0.2	1.4	<0.05	0.69	0.6	0.006	<0.02	1.2
K521266		2.6	5.5	<0.002	0.05	1.02	3.1	1	0.3	63.1	0.14	0.26	2.0	0.065	0.02	0.4
K521267		<0.5	10.5	<0.002	0.01	3.66	1.4	1	<0.2	7.2	0.07	0.10	0.4	0.035	0.04	0.3
K521268		50.2	0.4	0.005	0.06	1.27	0.2	2	<0.2	16.1	<0.05	1.06	<0.2	<0.005	<0.02	0.3
K521269		3.1	1.2	<0.002	0.01	48.7	0.5	1	<0.2	11.4	<0.05	<0.05	<0.2	<0.005	0.30	0.2
K521270		<0.5	1.5	<0.002	<0.01	0.39	0.3	1	<0.2	1.1	<0.05	<0.05	<0.2	0.008	<0.02	<0.1
K521271		12.3	4.9	<0.002	0.04	0.55	2.6	1	1.0	150.5	0.37	0.19	4.8	0.049	0.02	1.8
K521272		<0.5	8.9	<0.002	<0.01	0.47	0.3	1	<0.2	8.4	<0.05	<0.05	0.2	0.005	0.03	<0.1
K521273		7.2	37.5	<0.002	0.19	84.7	9.6	1	0.7	117.0	0.38	0.09	5.0	0.128	0.19	0.8
K521274		6.1	1.1	<0.002	0.22	88.4	0.4	2	<0.2	1.9	<0.05	0.15	<0.2	<0.005	<0.02	1.2
K521275		11.4	26.9	<0.002	<0.01	2.14	8.9	1	0.7	122.5	0.59	<0.05	3.0	0.160	0.13	0.6
K521276		<0.5	0.2	<0.002	0.10	2.19	0.1	1	<0.2	0.9	<0.05	0.06	<0.2	<0.005	<0.02	0.3
K521277		64.8	0.6	<0.002	0.22	0.74	0.2	1	<0.2	164.0	<0.05	0.81	<0.2	<0.005	<0.02	0.1
K521278		4.2	2.3	<0.002	<0.01	1.29	5.6	1	0.5	164.0	0.13	<0.05	2.0	0.102	<0.02	0.3
K521279		0.6	0.6	<0.002	0.05	11.25	0.2	1	<0.2	4.6	<0.05	<0.05	<0.2	<0.005	<0.02	0.1
K521281		0.7	2.8	<0.002	0.04	4.97	0.2	1	<0.2	10.5	<0.05	<0.05	<0.2	<0.005	<0.02	0.1
K521282		1.9	8.2	<0.002	<0.01	2.61	4.8	1	0.2	23.9	0.06	<0.05	1.1	0.033	0.09	1.1
K521283		0.6	0.2	<0.002	0.08	0.18	0.2	1	<0.2	1.2	<0.05	0.06	<0.2	<0.005	<0.02	0.1
K521286		<0.5	0.2	<0.002	<0.01	0.13	0.1	1	<0.2	1.2	<0.05	<0.05	<0.2	0.008	<0.02	<0.1
K521287		2.3	2.3	<0.002	0.64	0.48	0.9	1	0.2	266	0.05	<0.05	<0.2	0.025	0.02	0.3
K521288		19.6	4.4	<0.002	<0.01	81.2	0.9	1	<0.2	3.0	<0.05	0.14	<0.2	<0.005	0.04	0.3
K521289		3.7	0.6	<0.002	0.01	118.0	0.4	1	<0.2	16.3	<0.05	0.11	<0.2	<0.005	<0.02	0.1
K521290		447	5.1	<0.002	0.24	3190	1.4	2	0.2	160.0	<0.05	1.70	<0.2	0.011	0.05	2.6
K521291		3.6	0.7	<0.002	0.03	21.3	0.4	1	<0.2	6.5	<0.05	<0.05	0.3	<0.005	<0.02	0.3
K521292		418	0.5	<0.002	0.18	4.20	0.2	1	<0.2	101.0	<0.05	1.52	<0.2	<0.005	<0.02	0.2
K521293		1610	0.5	0.017	0.10	4.95	0.2	2	<0.2	5.9	<0.05	3.90	0.2	<0.005	<0.02	0.5
K521294		163.5	1.4	0.002	0.14	1.10	1.3	4	0.3	63.3	0.14	1.68	1.0	0.041	<0.02	0.5
K521295		562	0.3	0.070	0.53	1.64	0.2	2	<0.2	14.1	0.05	2.72	0.3	0.008	<0.02	0.4
K521351		9.1	3.0	0.007	0.94	12.35	3.4	2	0.5	12.7	0.24	0.08	3.8	0.087	0.08	1.8
K521352		9.6	18.8	<0.002	0.14	2.01	24.8	2	1.0	268	0.38	0.06	2.8	0.567	0.07	0.9
K521353		3.3	1.4	<0.002	0.04	1.58	1.8	1	0.3	23.4	0.14	0.57	1.2	0.035	<0.02	0.9
K521354		44.1	2.1	<0.002	0.07	1.91	1.2	2	<0.2	30.2	0.23	0.44	1.4	0.017	0.02	3.7
K521355		5.6	12.0	<0.002	0.03	62.2	4.9	2	0.6	84.7	0.23	0.36	4.3	0.066	0.06	3.4
K521356		48.4	2.1	<0.002	0.01	14.20	2.2	2	0.4	47.4	0.20	0.32	2.6	0.051	<0.02	7.5
K521357		23.1	86.9	<0.002	0.54	0.74	14.2	1	2.5	344	0.48	0.05	13.2	0.305	0.61	2.4



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CERTIFICATE OF ANALYSIS WH11119967

Sample Description	Method Analyte Units LOR	ME MS61 V ppm 1	ME MS61 W ppm 0.1	ME MS61 Y ppm 0.1	ME MS61 Zn ppm 2	ME MS61 Zr ppm 0.5	Cu OG62 Cu % 0.001	Pb OG62 Pb % 0.001
K521260		4	1.6	1.8	21	<0.5		
K521261		7	1.2	1.0	2	0.6		
K521262		8	0.5	0.3	7	0.5		
K521263		4	0.7	0.3	2	<0.5		
K521264		50	2.5	1.5	13	1.2		
K521265		20	0.7	0.3	13	<0.5		
K521266		21	0.5	0.9	7	2.4		
K521267		13	0.6	0.6	4	0.5		
K521268		3	2.1	0.4	2	<0.5		
K521269		2	0.1	0.2	12	1.3		
K521270		3	0.1	0.3	2	<0.5		
K521271		9	0.5	4.3	3	4.1		
K521272		3	0.2	0.2	<2	<0.5		
K521273		62	3.9	5.6	26	7.6		
K521274		1	0.1	0.9	7	<0.5		
K521275		78	0.2	6.5	52	3.0		
K521276		1	0.1	0.1	<2	<0.5		
K521277		2	0.1	0.1	<2	<0.5		
K521278		62	4.7	4.4	28	1.7		
K521279		2	0.1	0.1	3	<0.5		
K521281		1	0.7	0.1	2	<0.5		
K521282		26	3.7	2.8	17	1.4		
K521283		6	0.8	0.1	<2	<0.5		
K521286		1	0.2	0.1	<2	<0.5		
K521287		8	1.2	1.6	4	2.2		
K521288		5	0.7	1.3	15	<0.5		
K521289		2	0.3	0.4	15	<0.5		
K521290		8	2.4	3.4	227	0.8		
K521291		2	0.6	0.6	6	<0.5		
K521292		3	5.2	0.4	2	<0.5		
K521293		2	5.7	0.8	<2	<0.5		
K521294		4	1.7	2.3	2	2.5		
K521295		2	1.0	0.8	<2	0.5		
K521351		50	0.5	6.5	5	10.3		
K521352		255	0.6	19.3	65	36.2		
K521353		11	0.7	1.0	4	1.4		
K521354		6	1.2	2.6	4	2.2		
K521355		27	2.2	4.1	32	4.9		
K521356		18	0.7	5.0	14	3.9		
K521357		34	2.6	9.4	90	21.1		



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
K521358		1.45	0.003	0.23	8.59	9	130	2.42	2.61	11.65	0.27	128.0	15.7	55	0.06	95.6
K521359		0.67	0.003	0.07	4.99	1.8	1240	0.64	0.46	0.14	0.02	37.5	3.0	7	2.81	12.6
K521360		0.43	0.004	0.06	0.09	47.6	190	<0.05	0.02	0.05	0.02	0.97	8.7	25	0.05	23.3
K922401		0.94	0.002	0.03	0.14	229	120	0.22	0.01	0.10	0.24	2.01	1.4	63	1.43	8.6
K922402		1.01	0.007	0.14	1.36	261	860	0.48	0.06	0.04	0.05	22.5	4.4	41	2.02	15.2
K922403		1.46	0.003	0.23	9.00	<5	520	16.40	1.95	10.30	0.38	89.1	15.9	67	6.27	51.4
K922404		1.04	0.001	0.19	1.24	41.0	570	0.49	0.14	0.18	0.30	17.25	6.9	27	0.36	90.9
K922405		1.07	0.031	0.60	2.59	2.0	30	0.33	0.28	0.07	0.05	6.52	5.8	16	0.51	3.8
K922406		1.20	0.222	1.56	1.85	14.7	70	0.32	2.62	0.03	0.10	8.31	7.1	12	0.10	20.5
K922407		0.89	0.133	0.90	0.10	1.7	380	<0.05	1.67	0.01	0.03	1.21	3.0	22	<0.05	15.8
K922408		1.21	0.616	0.94	0.06	35.4	400	<0.05	7.55	0.01	0.06	0.40	98.1	20	0.39	94.2
K922409		0.68	0.007	0.07	6.34	1.4	310	0.83	0.08	2.03	0.04	14.55	8.4	10	0.61	39.6
K922410		1.21	0.030	0.05	6.62	1.5	100	1.02	0.24	0.22	<0.02	4.80	6.6	11	0.05	2.2
K922411		0.63	0.001	0.07	0.12	0.2	10	<0.05	0.01	0.01	0.02	0.17	0.9	30	<0.05	163.5
K922851		1.21	0.002	0.03	0.50	1.7	70	0.10	<0.01	0.16	0.05	2.62	1.1	21	0.10	3.7
K922852		1.42	0.004	0.02	0.92	3.3	50	0.28	<0.01	0.08	<0.02	3.43	3.5	26	0.16	11.3
K922853		1.45	0.002	0.08	8.06	4.0	60	2.18	0.40	8.77	0.28	77.2	14.0	48	0.76	124.0
K922854		1.98	0.090	11.00	0.10	5.6	10	<0.05	<0.01	0.08	0.31	0.39	1.0	34	0.05	6150
K922855		1.55	1.130	52.2	0.05	1555	100	<0.05	0.17	0.03	4.00	0.52	2.4	18	0.05	>10000
K922856		1.23	0.021	0.98	0.80	25.5	300	0.08	0.01	0.40	0.08	2.19	1.0	16	0.15	374
K922857		1.34	0.159	1.25	6.79	9.0	480	0.96	0.10	0.27	0.03	15.05	10.8	13	0.19	63.9
K922858		1.57	0.038	0.63	6.93	5.0	320	0.61	0.70	0.48	0.11	18.60	12.6	10	0.33	67.1
K922859		1.85	3.01	11.20	2.66	51.9	70	0.47	4.75	0.03	0.04	8.93	76.9	13	0.69	40.6
K922860		0.25	0.203	0.48	5.66	15.0	90	0.51	0.13	0.25	0.10	7.65	78.6	16	0.42	9.7
K922861		1.35	0.048	0.20	4.71	4.5	50	0.47	0.12	0.13	0.02	14.20	8.0	13	0.15	6.0
K922862		1.36	0.137	0.44	0.25	1.1	10	0.06	0.19	0.01	<0.02	0.66	3.0	20	0.05	4.5
K922863		2.27	0.009	0.07	1.79	272	3420	0.68	0.01	0.76	0.15	32.2	4.4	47	2.21	16.3
K922864		1.70	0.029	1.53	8.52	1.9	670	1.23	0.03	0.39	0.45	22.5	12.8	13	0.35	3220
K922865		0.60	0.005	0.35	6.76	6.1	250	0.31	4.42	0.11	7.85	167.0	69	22.8	57.8	
K922866		1.70	0.072	5.41	5.34	8.8	3080	0.78	0.09	0.13	0.02	4.72	0.8	6	0.40	29.1
K922867		1.92	0.002	0.07	7.88	2.1	5020	2.62	0.01	1.05	0.16	10.40	7.4	8	0.72	2.6
K922868		1.93	0.003	0.42	4.76	2.7	5960	1.37	<0.01	0.79	1.28	6.82	2.1	17	0.18	22.9
K922869		1.22	0.002	0.12	7.58	2.7	2180	2.15	0.03	2.65	0.13	28.3	14.4	31	3.51	38.2
K922870		1.00	0.008	0.13	5.29	13.3	510	0.64	0.03	3.45	0.10	62.2	10.1	51	0.71	5.0
K922871		1.72	0.001	0.29	4.85	1.5	170	0.81	0.16	3.70	0.54	2.70	10.7	8	0.15	152.0
K922872		1.62	0.802	5.51	2.13	1.3	150	0.26	0.45	0.13	0.22	2.88	11.5	30	1.28	3610
K922873		1.50	0.005	0.18	6.58	26.2	1120	0.88	0.10	0.89	0.03	21.7	78.5	19	2.37	132.0
K922874		2.19	0.005	0.10	6.18	3.9	100	1.12	0.62	3.25	0.05	70.4	23.7	65	1.72	12.1
K922875		3.23	0.099	18.60	0.04	3.2	80	<0.05	14.95	0.02	1.86	0.75	1.3	21	0.05	479



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Sample Description	Method Analyte Units LOR	ME- MS61 Fe %	ME- MS61 Ga ppm	ME- MS61 Ge ppm	ME- MS61 Hf ppm	ME- MS61 In ppm	ME- MS61 K %	ME- MS61 La ppm	ME- MS61 Li ppm	ME- MS61 Mg %	ME- MS61 Mn ppm	ME- MS61 Mo ppm	ME- MS61 Na %	ME- MS61 Nb ppm	ME- MS61 Ni ppm	ME- MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
K521358		4.65	22.7	0.19	1.1	0.149	0.37	73.3	3.0	1.22	1100	0.35	1.71	19.9	25.6	600
K521359		2.91	10.85	0.11	1.2	0.021	0.32	19.4	4.1	0.21	135	0.24	4.57	5.9	0.9	560
K521360		1.58	0.31	0.05	<0.1	<0.005	0.02	0.6	0.2	0.01	75	0.41	0.04	0.2	2.2	50
K922401		1.61	1.30	0.05	<0.1	<0.005	0.02	1.0	13.3	<0.01	49	0.49	0.01	0.2	7.1	990
K922402		1.89	3.07	0.07	0.5	0.006	0.18	10.5	20.2	0.03	57	2.30	0.01	2.7	10.9	370
K922403		4.37	29.0	0.17	0.4	0.138	0.30	52.8	39.0	1.80	824	2.41	0.35	30.3	53.9	530
K922404		1.81	3.31	0.07	0.4	0.019	0.62	9.0	5.9	0.18	341	4.24	0.01	3.1	15.1	990
K922405		1.46	4.84	0.05	0.1	0.006	0.10	4.4	2.1	0.02	76	0.95	1.50	2.4	1.3	130
K922406		4.36	5.01	0.09	0.3	0.028	0.02	7.4	0.9	0.02	52	26.8	1.20	12.9	1.0	230
K922407		1.08	0.30	<0.05	<0.1	0.007	0.01	1.0	0.8	<0.01	95	20.0	0.04	0.9	1.0	60
K922408		8.41	0.38	0.12	<0.1	<0.005	0.03	<0.5	0.3	0.02	71	29.5	0.01	0.7	4.2	110
K922409		2.31	10.35	0.08	0.3	0.007	0.81	7.7	3.8	0.38	374	0.60	2.74	3.9	2.0	230
K922410		1.55	8.36	0.06	0.4	<0.005	0.12	2.9	0.5	0.05	44	0.29	6.41	3.5	0.7	220
K922411		0.45	0.19	<0.05	<0.1	<0.005	0.02	<0.5	0.3	0.02	57	0.29	0.04	0.1	1.0	10
K922851		0.48	1.19	<0.05	<0.1	0.007	0.15	1.4	4.0	0.09	130	0.16	0.13	0.4	2.3	90
K922852		1.04	2.25	0.05	0.1	0.007	0.21	1.9	2.7	0.14	94	0.36	0.22	0.8	8.4	230
K922853		5.54	25.0	0.14	0.7	0.093	0.22	40.6	14.4	2.55	1320	0.16	2.80	14.2	76.5	470
K922854		1.27	0.48	0.05	<0.1	0.080	<0.01	<0.5	1.2	0.07	117	1.85	0.01	0.1	1.6	<10
K922855		4.36	0.19	0.05	<0.1	0.543	0.01	0.5	1.9	0.01	66	14.55	0.01	0.1	1.1	30
K922856		0.96	1.62	<0.05	<0.1	0.019	0.06	1.1	2.6	0.04	381	0.65	0.42	0.5	1.6	50
K922857		2.51	16.20	0.05	0.2	0.016	0.38	8.4	1.9	0.09	163	2.32	5.62	5.6	1.5	350
K922858		2.64	12.00	0.09	0.3	0.010	0.50	10.2	3.8	0.18	541	14.15	5.49	4.8	2.3	310
K922859		27.0	8.90	0.15	<0.1	0.029	0.69	6.2	2.7	0.09	207	202	1.18	1.0	6.0	1160
K922860		10.40	23.8	0.08	0.1	0.043	0.12	3.0	17.3	3.16	2030	4.28	2.15	11.9	6.1	140
K922861		1.78	9.76	0.07	0.2	0.008	0.16	7.5	1.6	0.10	143	1.14	3.81	4.4	1.0	280
K922862		0.90	0.75	<0.05	<0.1	<0.005	0.01	<0.5	1.1	0.04	75	2.94	0.14	0.3	1.0	30
K922863		1.61	6.03	0.09	0.2	0.027	0.20	14.1	28.7	0.04	99	1.30	0.01	16.0	13.4	3820
K922864		3.26	17.40	0.07	0.5	0.029	0.83	10.4	11.3	1.21	797	0.34	5.99	5.4	3.2	540
K922865		9.44	13.15	0.06	0.3	0.058	0.46	3.3	28.5	2.85	1080	0.13	1.89	1.0	36.0	190
K922866		1.36	11.25	0.07	0.4	0.006	0.16	2.1	2.8	0.01	29	0.63	6.48	2.2	0.5	80
K922867		2.70	17.30	0.05	0.1	0.022	0.33	4.2	6.9	0.29	490	0.08	6.96	2.5	3.1	420
K922868		0.72	12.50	0.07	0.7	0.010	0.09	3.1	1.2	0.02	274	0.20	3.94	1.7	4.7	280
K922869		4.21	18.65	0.10	1.2	0.054	1.77	12.0	21.8	1.32	878	0.13	2.91	5.7	12.0	1540
K922870		2.77	11.70	0.11	0.3	0.032	1.84	28.6	2.0	0.62	719	0.29	2.86	6.0	20.8	500
K922871		6.55	9.48	0.06	0.1	0.020	0.06	1.4	2.8	0.77	9210	0.49	1.79	0.5	8.1	100
K922872		2.52	5.33	0.07	0.1	0.034	0.50	1.2	12.2	1.17	260	0.51	0.56	2.0	4.0	210
K922873		6.71	12.05	0.07	0.5	0.020	0.42	11.9	9.2	0.84	586	0.23	3.99	8.5	15.5	730
K922874		4.07	16.30	0.14	0.3	0.044	0.38	34.9	8.5	1.57	738	0.36	4.44	7.0	37.1	930
K922875		0.90	0.24	0.07	<0.1	0.113	0.01	0.5	0.7	0.01	60	24.3	0.02	0.3	1.2	50



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Sample Description	Method Analyte Units LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
K521358		29.2	9.5	<0.002	<0.01	0.71	13.4	2	8.5	749	1.18	<0.05	20.7	0.448	0.04	6.3
K521359		5.6	11.4	<0.002	1.13	0.49	4.7	2	1.0	593	0.36	0.05	7.7	0.170	0.14	1.5
K521360		1.5	0.5	<0.002	0.02	11.00	0.1	1	<0.2	7.0	<0.05	0.16	0.2	<0.005	<0.02	0.1
K922401		4.1	1.3	<0.002	1.02	45.7	0.3	1	<0.2	12.8	<0.05	<0.05	0.2	<0.005	1.20	1.8
K922402		4.6	7.1	0.002	0.95	54.6	1.0	2	0.4	74.6	0.16	0.07	2.7	0.074	2.33	0.9
K922403		5.6	37.8	0.002	0.78	0.35	15.5	3	36.7	392	2.97	<0.05	13.1	0.326	0.29	6.1
K922404		8.4	18.7	0.011	0.60	8.35	3.6	2	0.5	10.6	0.20	0.11	2.4	0.070	0.62	3.8
K922405		223	3.4	<0.002	0.01	1.14	1.2	1	0.2	30.4	0.19	0.30	1.2	0.019	0.03	2.5
K922406		732	0.5	<0.002	0.06	3.89	7.6	4	0.4	45.7	0.69	3.51	2.7	0.040	<0.02	6.6
K922407		313	0.2	<0.002	0.04	1.12	0.4	1	<0.2	5.5	<0.05	1.06	0.3	<0.005	<0.02	1.6
K922408		22.1	0.9	0.002	1.71	17.15	0.5	3	<0.2	9.7	<0.05	5.02	<0.2	0.020	<0.02	1.6
K922409		6.2	30.3	<0.002	0.02	0.45	5.0	1	0.4	213	0.34	<0.05	5.5	0.094	0.13	1.5
K922410		5.1	2.1	<0.002	0.99	0.88	1.7	1	0.3	176.5	0.24	0.24	5.9	0.089	<0.02	0.9
K922411		1.1	0.6	<0.002	<0.01	0.31	<0.1	1	<0.2	1.4	<0.05	<0.05	<0.2	<0.005	<0.02	0.1
K922851		1.1	5.0	0.003	<0.01	1.53	0.9	<1	0.3	5.5	<0.05	<0.05	0.6	0.017	0.03	0.1
K922852		2.3	8.7	0.003	0.02	0.93	1.0	1	0.3	16.8	0.05	<0.05	1.9	0.044	0.05	0.6
K922853		34.1	8.5	0.002	<0.01	2.59	15.6	1	4.4	1845	0.95	<0.05	12.0	0.361	0.04	5.8
K922854		0.8	0.2	0.002	0.35	9.69	0.2	<1	0.2	4.0	<0.05	0.10	<0.2	<0.005	<0.02	1.0
K922855		23.5	0.5	0.002	0.24	3220	0.2	2	0.4	9.0	<0.05	1.54	<0.2	<0.005	<0.02	8.9
K922856		2.2	2.3	<0.002	0.04	23.3	1.4	1	<0.2	15.6	<0.05	0.05	0.4	0.014	0.02	0.2
K922857		16.4	8.6	0.003	1.01	18.10	3.2	<1	0.4	62.0	0.43	0.97	4.1	0.094	0.06	6.9
K922858		26.3	12.9	0.004	0.06	2.74	5.1	<1	0.6	81.7	0.34	0.44	5.9	0.132	0.09	1.3
K922859		89.1	27.5	0.003	0.13	6.65	7.9	4	0.4	16.7	0.10	10.35	1.2	0.050	0.16	23.8
K922860		6.6	3.4	0.003	0.01	6.44	17.9	2	1.8	28.2	0.38	1.07	1.3	0.370	0.04	4.9
K922861		12.0	2.9	0.002	<0.01	2.38	2.1	1	0.5	70.2	0.33	0.19	2.6	0.102	0.03	2.1
K922862		4.1	0.6	0.002	0.02	1.22	0.4	1	0.2	3.8	<0.05	0.44	0.2	0.009	<0.02	0.2
K922863		5.2	9.0	0.003	0.30	73.6	2.0	<1	0.7	59.9	0.99	<0.05	1.8	0.325	0.32	1.9
K922864		6.0	14.7	0.002	0.05	1.13	12.0	<1	1.0	143.5	0.48	0.13	7.3	0.189	0.07	1.0
K922865		6.6	73.9	0.002	3.03	1.44	33.7	3	0.7	428	0.08	2.08	0.4	0.266	1.14	0.2
K922866		8.7	2.9	0.004	0.31	21.0	1.4	1	0.5	125.0	0.20	0.37	0.8	0.046	0.06	0.1
K922867		13.8	4.0	0.002	0.13	1.86	8.9	<1	0.8	542	0.16	<0.05	1.0	0.170	0.11	0.3
K922868		29.1	2.0	0.002	0.20	1.43	1.1	<1	0.3	253	0.60	0.05	2.1	0.022	0.02	0.8
K922869		18.4	48.1	0.002	0.14	7.34	16.7	<1	1.3	427	0.42	<0.05	4.4	0.303	0.41	1.4
K922870		7.4	33.4	0.003	0.18	5.58	11.7	1	1.4	495	0.46	<0.05	11.0	0.182	0.43	1.7
K922871		9.6	1.4	0.006	0.99	0.90	0.9	2	0.7	670	<0.05	0.12	0.3	0.029	0.02	1.5
K922872		2.6	22.3	0.002	0.19	0.47	5.9	2	0.7	21.7	0.11	0.34	1.2	0.123	0.11	1.0
K922873		4.4	15.0	0.003	1.41	1.00	7.4	2	0.9	159.5	0.83	0.08	9.4	0.205	0.07	2.7
K922874		3.5	12.9	0.003	0.91	9.96	12.7	<1	1.9	279	0.51	0.08	8.1	0.198	0.15	1.3
K922875		>10000	0.4	0.012	0.41	1.68	0.1	15	0.2	5.1	<0.05	19.90	<0.2	<0.005	0.02	0.5



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Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Cu- OG62 Cu % 0.001	Pb- OG62 Pb % 0.001
K521358		81	1.0	27.2	138	23.3		
K521359		25	4.0	6.8	21	46.7		
K521360		3	0.1	0.5	2	0.5		
K922401		2	0.2	0.5	33	1.9		
K922402		22	0.6	4.6	7	15.7		
K922403		150	31.6	24.4	171	8.7		
K922404		65	0.6	7.2	29	12.7		
K922405		6	1.1	1.6	5	2.8		
K922406		11	2.5	6.1	4	7.1		
K922407		3	1.9	1.6	<2	0.5		
K922408		12	5.2	1.2	<2	1.1		
K922409		30	0.3	4.0	24	5.2		
K922410		7	1.7	2.0	2	10.1		
K922411		2	0.1	0.1	2	<0.5		
K922851		6	0.2	1.2	5	1.1		
K922852		7	0.7	1.1	11	2.0		
K922853		101	0.4	26.7	259	10.4		
K922854		2	0.3	0.3	7	<0.5		
K922855		<1	0.1	0.5	44	<0.5	1.305	
K922856		7	1.7	0.9	15	0.7		
K922857		27	4.0	4.2	13	4.7		
K922858		43	5.2	5.1	25	5.6		
K922859		52	5.6	4.3	36	0.7		
K922860		107	1.4	11.6	160	1.9		
K922861		25	1.5	5.9	7	3.7		
K922862		2	0.2	0.4	3	<0.5		
K922863		39	1.0	5.6	25	5.4		
K922864		103	2.7	4.0	71	10.5		
K922865		189	0.8	12.2	73	5.9		
K922866		8	3.7	0.9	5	7.8		
K922867		88	12.9	3.2	45	1.6		
K922868		4	2.3	3.1	25	9.6		
K922869		156	2.5	10.2	92	30.4		
K922870		46	32.7	10.1	29	7.2		
K922871		22	0.2	3.3	107	2.9		
K922872		65	1.0	4.2	29	5.1		
K922873		66	0.3	9.1	31	11.0		
K922874		86	22.6	13.1	26	9.0		
K922875		5	0.8	0.4	<2	<0.5		1.255



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Project: DEET

CERTIFICATE OF ANALYSIS WH11119967

Method	CERTIFICATE COMMENTS
ME- MS61 ME- MS61 ME- MS61	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Interference: Mo> 400ppm on ICP- MS Cd,ICP- AES results shown. REE's may not be totally soluble in this method.



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CERTIFICATE WH11121809

Project: DEET

P.O. No.: NTR11D004

This report is for 25 Sediment samples submitted to our lab in Whitehorse, YT,
Canada on 4- JUL- 2011.

The following have access to data associated with this certificate:

G. HAYES

BONNIE POLLRIES

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST44	Super Trace Au - 50g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11121809

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ST44 Au ppm 0.0001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
K521366		0.40	0.0054	0.07	1.16	25.0	<0.2	<10	110	0.36	0.10	0.25	0.11	22.7	11.0	23
K521367		0.70	0.0331	0.08	1.13	25.0	<0.2	<10	130	0.39	0.33	0.24	0.15	22.1	10.8	21
K521368		1.02	0.0210	0.05	1.18	13.6	<0.2	<10	100	0.40	0.10	0.20	0.11	18.95	10.2	16
K521369		0.76	0.0048	0.08	1.09	25.1	<0.2	<10	140	0.39	0.07	0.24	0.25	25.5	12.4	18
K521370		0.78	0.0392	0.14	1.06	33.7	<0.2	<10	120	0.35	0.07	0.31	0.21	24.9	12.9	23
K521371		0.86	0.0110	0.10	1.15	79.7	<0.2	<10	410	0.40	0.07	0.40	0.50	31.1	16.5	24
K521372		0.40	0.0110	0.09	0.82	19.4	<0.2	<10	90	0.27	0.07	0.34	0.09	20.4	8.3	20
K521373		0.76	0.0095	0.11	1.04	29.6	<0.2	<10	150	0.31	0.06	0.31	0.12	20.7	12.4	19
K521374		0.52	0.0035	0.03	0.63	10.8	<0.2	<10	70	0.22	0.07	0.27	0.07	15.35	6.4	10
K521375		0.38	0.0048	0.06	0.76	8.9	<0.2	<10	100	0.28	0.09	0.26	0.08	19.75	6.5	11
K521376		0.94	0.0032	0.03	0.90	14.2	<0.2	<10	100	0.34	0.07	0.23	0.15	24.6	10.6	12
K521377		0.40	0.0032	0.05	0.70	6.8	<0.2	<10	80	0.25	0.07	0.25	0.08	16.95	6.0	9
K921557		0.66	0.0023	0.06	1.21	5.1	<0.2	<10	110	0.44	0.10	0.21	0.07	22.9	8.0	18
K921558		0.56	0.0036	0.09	1.31	6.2	<0.2	<10	150	0.61	0.12	0.26	0.12	27.7	8.3	20
K921559		0.46	NSS	0.03	1.04	12.4	<0.2	<10	110	0.45	0.13	0.29	0.13	25.2	12.1	20
K921560		0.54	0.0161	0.03	0.96	15.3	<0.2	<10	100	0.40	0.08	0.30	0.13	30.3	11.8	20
K921561		0.76	0.0042	0.02	0.97	17.8	<0.2	<10	110	0.43	0.08	0.31	0.13	25.6	10.9	27
K922882		0.82	0.0177	0.02	0.78	10.7	<0.2	<10	50	0.19	0.04	0.28	0.05	11.45	6.5	9
K922883		1.14	0.0046	0.01	0.98	17.5	<0.2	<10	60	0.35	0.05	0.17	0.04	13.90	8.4	11
K922884		1.24	0.0069	0.05	0.68	29.3	<0.2	<10	80	0.32	0.08	0.31	0.09	20.3	10.2	15
K922885		1.08	0.0050	0.04	0.78	35.1	<0.2	<10	90	0.33	0.07	0.34	0.09	19.60	11.0	18
K922886		0.76	0.0076	0.04	0.68	28.4	<0.2	<10	80	0.30	0.07	0.38	0.06	18.90	8.8	16
K922887		0.88	0.0041	0.04	0.93	41.7	<0.2	<10	130	0.32	0.06	0.31	0.13	18.80	12.0	19
K521284		1.22	0.0070	0.16	1.21	6.0	<0.2	<10	150	0.40	0.12	0.18	0.09	29.2	7.3	16
K521285		1.84	0.0046	0.11	1.07	5.4	<0.2	<10	120	0.38	0.10	0.19	0.08	26.3	6.5	14



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CERTIFICATE OF ANALYSIS WH11121809

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
K521366		1.28	24.0	2.74	3.66	0.07	0.02	0.01	0.011	0.11	11.8	10.4	0.75	462	0.43	0.01
K521367		1.32	23.1	2.48	4.37	0.07	<0.02	0.01	0.009	0.10	11.8	12.7	0.72	454	0.38	0.01
K521368		1.29	23.2	2.45	4.48	0.06	<0.02	0.01	0.009	0.09	10.6	12.3	0.71	414	0.23	0.01
K521369		1.15	18.9	2.51	4.15	0.07	0.02	0.01	0.009	0.08	12.0	13.0	0.67	1030	0.32	0.01
K521370		1.17	21.4	2.48	4.09	0.08	0.02	0.01	0.009	0.09	12.2	12.9	0.73	789	0.38	0.01
K521371		1.26	22.4	4.15	4.61	0.10	0.02	0.01	0.012	0.09	14.0	13.0	0.78	4470	0.85	0.01
K521372		1.07	16.5	1.96	3.27	0.06	<0.02	0.01	0.008	0.06	11.6	9.4	0.53	266	0.21	0.01
K521373		1.13	23.0	2.62	3.54	0.07	0.02	0.01	0.008	0.10	11.0	12.8	0.71	1280	0.28	0.01
K521374		0.93	10.6	1.32	2.42	<0.05	<0.02	0.01	0.006	0.05	7.8	9.9	0.36	318	0.40	0.01
K521375		1.21	14.2	1.36	2.79	0.05	<0.02	0.03	0.008	0.05	10.3	11.1	0.40	394	0.48	0.01
K521376		1.19	17.1	1.87	3.09	0.06	<0.02	0.02	0.006	0.11	9.3	14.9	0.58	959	0.74	0.01
K521377		1.05	13.4	1.30	2.59	<0.05	<0.02	0.01	0.007	0.06	9.2	10.4	0.36	410	0.29	0.01
K921557		1.84	15.1	1.97	4.83	0.07	<0.02	0.01	0.010	0.12	12.0	15.5	0.70	469	0.31	0.01
K921558		2.16	17.2	1.96	5.28	0.07	<0.02	0.03	0.011	0.13	14.0	17.4	0.70	531	0.35	0.01
K921559		1.35	21.0	2.21	3.96	0.07	0.02	0.01	0.010	0.16	12.4	15.6	0.72	522	0.45	0.01
K921560		1.49	21.1	2.13	3.81	0.08	0.02	0.03	0.010	0.15	13.7	14.7	0.69	467	0.49	0.01
K921561		2.18	20.1	2.07	3.94	0.07	0.03	0.01	0.010	0.15	12.0	16.5	0.70	485	1.26	0.01
K922882		0.67	12.4	1.52	2.69	0.05	<0.02	0.01	0.006	0.05	6.2	8.7	0.53	313	0.52	0.01
K922883		1.20	15.0	1.82	3.44	0.05	<0.02	0.01	0.007	0.13	7.4	9.9	0.65	371	0.37	0.01
K922884		1.06	21.9	1.76	2.76	0.06	0.02	0.02	0.010	0.07	10.4	8.7	0.43	339	0.44	0.01
K922885		1.09	21.6	2.04	2.95	0.07	0.02	0.02	0.010	0.09	10.1	9.6	0.52	354	0.48	0.01
K922886		1.09	17.6	1.71	2.74	0.06	0.02	0.02	0.010	0.06	10.0	8.6	0.42	207	0.42	0.01
K922887		1.46	22.4	2.27	3.47	0.07	0.02	0.01	0.009	0.11	9.3	11.6	0.67	665	0.66	0.01
K521284		1.86	30.1	1.83	4.30	0.06	<0.02	0.02	0.010	0.12	16.0	13.3	0.60	459	0.29	0.01
K521285		1.55	24.7	1.66	3.80	0.06	<0.02	0.02	0.009	0.10	14.3	11.3	0.52	355	0.28	0.01



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Project: DEET

CERTIFICATE OF ANALYSIS WH11121809

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
K521366		0.46	18.7	760	11.9	9.0	<0.001	0.01	0.95	2.8	0.2	0.2	21.4	<0.01	0.04	4.3
K521367		0.52	18.9	700	10.9	9.6	<0.001	0.01	1.00	3.1	0.2	0.2	20.2	<0.01	0.03	4.7
K521368		0.44	14.0	570	7.3	8.6	<0.001	<0.01	0.66	3.2	0.2	0.2	17.2	<0.01	0.03	3.9
K521369		0.49	19.2	630	8.9	8.0	<0.001	<0.01	0.68	2.8	0.3	0.2	20.6	<0.01	0.02	4.0
K521370		0.43	24.9	820	8.8	8.5	<0.001	0.01	1.21	3.2	0.2	0.2	23.4	<0.01	0.02	4.6
K521371		0.47	35.6	880	9.7	10.0	0.001	0.01	1.34	3.6	0.4	0.2	30.8	<0.01	0.03	4.1
K521372		0.40	17.3	940	8.1	8.4	<0.001	0.01	0.80	2.7	0.3	0.2	22.6	<0.01	0.02	3.2
K521373		0.47	20.9	680	7.0	9.9	<0.001	<0.01	1.01	2.9	0.2	0.2	21.9	<0.01	0.02	4.5
K521374		0.53	8.4	760	4.3	7.8	<0.001	0.01	0.68	1.8	<0.2	0.2	16.1	<0.01	0.01	2.3
K521375		0.50	8.5	710	4.8	8.5	<0.001	0.02	0.83	1.6	0.2	0.2	16.7	<0.01	0.02	1.3
K521376		0.72	11.0	590	4.6	10.2	<0.001	<0.01	0.85	2.0	<0.2	0.2	15.8	<0.01	0.02	4.5
K521377		0.54	7.1	680	4.5	7.4	<0.001	0.01	0.59	1.7	0.2	0.2	15.8	<0.01	0.01	2.5
K921557		0.52	9.8	680	4.6	14.0	<0.001	0.02	0.33	1.8	0.2	0.3	16.7	<0.01	0.01	0.7
K921558		0.58	11.6	870	4.9	15.2	<0.001	0.04	0.39	1.8	0.4	0.3	19.0	<0.01	0.02	0.4
K921559		0.77	19.9	900	4.6	13.5	<0.001	0.01	0.81	3.2	0.2	0.2	19.1	<0.01	0.04	7.9
K921560		0.82	19.5	810	4.4	12.3	<0.001	0.01	0.97	3.1	0.3	0.3	18.5	<0.01	0.04	8.1
K921561		0.86	25.1	860	4.3	12.9	<0.001	0.01	0.88	3.1	0.3	0.3	19.0	<0.01	0.03	7.9
K922882		0.35	7.4	740	2.6	4.5	<0.001	<0.01	1.03	2.0	<0.2	<0.2	17.1	<0.01	0.01	3.0
K922883		0.52	7.5	490	3.7	10.0	<0.001	<0.01	1.27	2.2	<0.2	0.2	13.4	<0.01	0.02	3.9
K922884		0.52	16.3	1000	4.3	7.1	<0.001	<0.01	1.86	2.9	0.3	0.2	19.7	<0.01	0.03	4.4
K922885		0.61	16.8	1040	4.2	8.0	<0.001	<0.01	1.88	3.1	0.2	0.2	21.2	<0.01	0.03	4.9
K922886		0.56	14.1	1160	4.3	6.4	<0.001	0.01	1.85	3.0	0.2	0.2	21.9	<0.01	0.02	3.6
K922887		0.60	20.4	870	6.9	8.7	<0.001	0.01	1.66	2.9	0.2	0.2	19.1	<0.01	0.02	4.3
K521284		0.46	10.7	610	8.7	14.5	<0.001	0.02	0.74	1.9	0.3	0.2	15.5	<0.01	0.02	1.0
K521285		0.42	8.9	550	7.3	12.1	<0.001	0.02	0.70	1.7	0.2	0.2	15.4	<0.01	0.02	0.8



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CERTIFICATE OF ANALYSIS WH11121809

Method	CERTIFICATE COMMENTS
ALL METHODS ME- MS41	NSS is non- sufficient sample. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



Minerals

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CERTIFICATE WH11121880

Project: DEET

P.O. No.: NTR11D003

This report is for 18 Soil samples submitted to our lab in Whitehorse, YT, Canada on 4-JUL-2011.

The following have access to data associated with this certificate:

G. HAYES

BONNIE POLLRIES

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: DEET

CERTIFICATE OF ANALYSIS WH11121880

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ST43 Au ppm 0.0001	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
K922008		0.46	0.0057	0.22	1.42	13.3	<0.2	<10	150	0.61	0.41	0.39	0.15	30.9	13.6	85
K922009		0.52	0.0078	0.23	1.66	19.2	<0.2	<10	190	0.70	0.53	0.40	0.15	33.2	13.7	71
K922010		0.56	0.0186	0.31	1.31	45.6	<0.2	<10	170	0.47	0.20	0.51	0.31	33.5	13.4	49
K922011		0.64	0.0151	0.44	1.51	49.6	<0.2	<10	240	0.56	0.29	0.57	0.52	36.7	15.9	59
K922012		0.56	0.0056	0.29	1.51	16.1	<0.2	<10	180	0.42	0.22	0.42	0.17	26.4	13.1	60
K922013		0.56	0.0042	0.15	1.43	13.0	<0.2	<10	160	0.41	0.27	0.37	0.11	24.8	9.7	63
K922014		0.68	0.0067	0.17	1.56	11.4	<0.2	<10	150	0.41	0.24	0.32	0.11	31.7	21.4	100
K922015		0.44	0.0094	0.29	1.58	16.9	<0.2	<10	230	0.43	0.23	0.42	0.36	38.2	17.7	93
K922016		0.46	0.0022	0.16	0.93	13.4	<0.2	<10	90	0.28	0.35	0.26	0.25	15.35	12.1	81
K922017		0.54	0.0048	0.21	1.49	12.2	<0.2	<10	190	0.49	0.32	0.39	0.18	27.6	18.0	86
K922018		0.50	0.0101	0.24	1.50	18.0	<0.2	<10	170	0.54	0.37	0.37	0.25	27.4	12.7	90
K922019		0.46	0.0020	0.06	1.43	8.7	<0.2	<10	80	0.41	0.33	0.25	0.14	24.7	13.2	95
K922020		0.56	0.0036	0.20	1.36	14.9	<0.2	<10	180	0.48	0.28	0.41	0.15	25.3	10.5	49
K922021		0.54	0.0057	0.28	1.41	11.1	<0.2	<10	130	0.62	0.55	0.36	0.13	26.3	10.4	62
K922022		0.50	0.0073	0.35	1.27	26.6	<0.2	<10	150	0.41	0.24	0.34	0.21	24.2	9.7	51
K922023		0.48	0.0077	0.20	1.51	35.0	<0.2	<10	180	0.42	0.20	0.47	0.17	31.8	12.1	53
K922024		0.60	0.0097	0.33	1.42	37.8	<0.2	<10	170	0.48	0.21	0.52	0.20	32.6	14.9	58
K521280		0.50	0.0065	0.09	0.86	12.4	<0.2	<10	240	0.38	0.06	0.16	0.07	28.6	9.0	6



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CERTIFICATE OF ANALYSIS WH11121880

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
K922008		3.11	32.3	2.53	5.07	0.12	<0.02	0.11	0.016	0.13	18.7	21.1	1.07	411	0.45	0.01
K922009		3.30	35.1	2.80	5.64	0.13	<0.02	0.11	0.020	0.15	19.1	29.2	1.14	495	0.40	0.01
K922010		2.41	31.6	2.83	4.39	0.14	0.03	0.11	0.021	0.15	20.1	17.3	0.98	406	0.44	0.01
K922011		2.81	38.6	3.15	5.18	0.14	0.03	0.12	0.026	0.16	18.5	17.9	1.18	799	0.56	0.01
K922012		2.34	30.1	2.82	4.72	0.09	0.03	0.02	0.018	0.17	13.9	17.6	1.15	516	0.42	0.01
K922013		2.22	21.6	2.52	4.78	0.09	0.03	0.02	0.018	0.13	11.8	19.5	1.05	268	0.32	0.01
K922014		2.19	32.7	3.35	5.04	0.11	0.03	0.02	0.018	0.13	15.6	17.3	1.37	785	0.37	0.01
K922015		2.09	50.6	3.11	5.07	0.12	0.06	0.01	0.020	0.20	17.6	14.5	1.42	566	0.29	0.02
K922016		2.34	22.5	2.21	3.97	0.07	<0.02	0.03	0.014	0.13	6.9	12.6	0.76	488	1.03	0.01
K922017		2.71	31.8	2.78	4.95	0.10	0.03	0.02	0.018	0.13	13.5	23.5	1.21	465	0.35	0.02
K922018		2.90	39.6	2.76	4.78	0.11	0.04	0.03	0.018	0.17	14.6	20.3	1.26	389	0.38	0.02
K922019		2.95	24.4	2.94	4.82	0.10	0.02	0.02	0.019	0.08	10.6	18.9	1.23	384	0.57	0.01
K922020		2.22	21.4	2.56	4.74	0.09	0.02	0.03	0.022	0.12	12.2	17.9	0.90	404	0.43	0.01
K922021		3.14	21.1	2.52	4.89	0.09	0.03	0.03	0.019	0.14	12.7	23.2	0.91	258	0.40	0.01
K922022		2.67	23.4	2.43	4.40	0.08	0.03	0.03	0.020	0.12	12.8	14.9	0.92	316	0.41	0.01
K922023		2.05	27.8	3.51	5.17	0.11	0.04	0.02	0.022	0.14	15.0	14.8	1.11	313	0.40	0.02
K922024		2.81	31.7	3.18	4.80	0.11	0.03	0.02	0.019	0.18	14.2	15.8	1.22	506	0.41	0.02
K521280		2.29	105.0	2.53	2.20	0.08	0.02	0.06	0.017	0.10	14.5	6.1	0.34	792	0.31	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
K922008		0.99	111.0	740	9.9	19.8	0.001	0.02	0.56	3.7	0.7	0.6	23.2	<0.01	0.02	2.2
K922009		1.23	70.8	860	12.2	22.6	0.001	0.02	0.60	4.9	0.8	0.7	26.5	<0.01	0.04	3.9
K922010		0.98	52.0	1090	13.8	15.8	0.001	0.02	1.39	5.3	0.9	0.4	30.9	<0.01	0.04	5.7
K922011		1.01	70.2	600	19.7	26.1	0.001	0.04	1.94	6.3	0.8	0.4	26.0	<0.01	0.03	4.6
K922012		1.00	53.0	780	8.8	17.8	<0.001	0.02	0.60	4.8	0.5	0.4	23.9	<0.01	0.02	4.6
K922013		1.14	47.7	820	10.7	16.9	<0.001	0.02	0.51	4.1	0.5	0.5	20.7	<0.01	0.02	3.7
K922014		1.12	91.0	930	9.4	16.1	<0.001	0.01	0.46	4.7	0.4	0.5	19.7	<0.01	0.02	4.7
K922015		0.88	117.0	990	14.7	18.6	<0.001	0.02	0.65	6.3	0.6	0.4	26.6	0.01	0.03	6.1
K922016		0.67	48.8	770	9.3	28.5	0.001	0.07	0.52	1.8	0.5	0.5	14.7	<0.01	0.03	0.3
K922017		1.24	80.3	660	9.4	18.9	<0.001	0.03	0.47	4.9	0.5	0.6	20.3	<0.01	0.02	3.1
K922018		1.09	97.7	1010	10.3	21.2	<0.001	0.02	0.60	5.0	0.6	0.5	23.4	<0.01	0.03	3.5
K922019		0.84	77.6	640	9.1	14.6	<0.001	0.03	0.75	3.1	0.4	0.5	14.2	<0.01	0.02	1.5
K922020		0.91	42.4	830	9.6	18.8	<0.001	0.03	0.52	3.4	0.5	0.5	21.8	<0.01	0.02	1.6
K922021		1.25	48.1	760	10.8	24.1	<0.001	0.03	0.54	4.1	0.6	0.7	20.1	<0.01	0.03	3.0
K922022		0.91	37.5	730	13.0	17.9	<0.001	0.03	0.95	4.0	0.5	0.5	22.2	<0.01	0.02	2.3
K922023		1.04	39.5	1040	14.0	15.8	<0.001	0.02	1.05	5.2	0.5	0.4	29.6	<0.01	0.03	5.3
K922024		1.22	49.1	1230	13.9	20.2	<0.001	0.02	1.26	4.9	0.5	0.5	34.2	<0.01	0.03	4.6
K521280		0.22	4.9	500	5.6	9.4	<0.001	0.01	9.70	4.5	0.3	<0.2	10.3	<0.01	0.02	3.4



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
K922008		0.055	0.14	1.56	44	0.72	8.03	53	<0.5
K922009		0.062	0.16	1.57	51	1.18	7.69	68	0.5
K922010		0.057	0.15	1.24	44	1.27	9.49	69	0.9
K922011		0.061	0.18	1.38	50	0.48	8.31	82	0.9
K922012		0.057	0.12	1.17	46	0.37	6.49	64	0.6
K922013		0.060	0.12	1.26	46	0.52	6.78	56	0.5
K922014		0.067	0.12	1.34	50	0.44	7.53	60	0.6
K922015		0.066	0.13	1.05	52	0.40	10.15	72	1.9
K922016		0.041	0.09	0.69	43	0.46	2.38	55	<0.5
K922017		0.060	0.13	1.33	46	1.19	6.92	59	0.5
K922018		0.055	0.14	1.41	44	0.85	7.28	66	0.7
K922019		0.054	0.11	0.90	48	0.90	3.94	67	<0.5
K922020		0.050	0.10	1.41	44	0.53	5.58	57	<0.5
K922021		0.061	0.13	2.27	44	0.91	6.79	54	<0.5
K922022		0.053	0.13	1.07	44	0.45	5.79	57	<0.5
K922023		0.058	0.12	1.01	54	0.60	6.91	64	0.6
K922024		0.076	0.13	0.83	50	0.91	6.60	64	1.0
K521280		0.010	0.06	1.01	20	0.23	4.43	61	<0.5



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Method	CERTIFICATE COMMENTS
ME- M541	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



Minerals

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P.O. No.: NTR11D002

This report is for 52 Rock samples submitted to our lab in Whitehorse, YT, Canada on 4- JUL- 2011.

The following have access to data associated with this certificate:

G. HAYES

DENNIS OUELLETTE

BONNIE POLLRIES

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	VARIABLE
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11123819

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP22 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
K521296		0.73	0.019	0.06	7.26	4.0	160	1.01	0.02	0.26	0.04	24.8	15.4	11	0.93	3.6
K521297		0.86	0.031	0.09	7.49	5.6	30	0.69	0.10	0.12	0.05	14.55	10.1	5	0.25	5.8
K521298		0.87	0.002	0.05	7.06	2.5	810	1.02	0.06	0.97	0.02	49.9	6.6	9	1.35	15.2
K521299		0.64	0.008	0.09	0.31	39.2	80	0.05	0.02	0.02	<0.02	0.83	17.0	45	0.14	24.7
K521300		0.74	0.002	0.10	7.91	18.6	2240	1.65	0.03	3.71	0.15	37.3	16.8	25	1.45	47.8
K521361		0.74	0.001	0.01	0.21	39.1	80	0.20	0.02	0.05	0.04	0.73	0.4	54	1.52	2.4
K521362		0.82	0.006	0.16	8.57	7.5	540	1.18	0.30	1.59	0.03	51.9	10.1	6	0.39	25.6
K521363		0.85	0.004	0.10	2.63	73.2	180	0.47	0.03	0.02	0.03	4.71	3.6	39	0.51	45.0
K521364		1.22	0.001	0.11	8.06	63.8	30	0.85	0.58	8.27	0.02	69.0	18.8	59	1.83	23.0
K521365		1.25	0.030	1.52	8.01	10.5	40	1.93	1.14	8.26	0.18	81.0	35.0	74	0.29	1595
K921551		1.08	0.001	0.16	1.23	5.9	870	0.68	0.06	0.27	0.12	15.85	5.3	29	0.40	71.9
K921552		0.83	0.001	0.03	1.99	2.9	360	0.36	<0.01	1.54	0.21	7.79	4.6	15	0.67	7.7
K921553		0.91	0.002	0.57	0.09	3.5	60	<0.05	0.03	0.01	0.05	0.51	1.8	30	0.07	35.5
K921554		0.86	0.003	0.05	8.15	10.9	170	2.00	0.23	2.19	0.04	58.6	11.0	62	0.45	18.6
K921555		1.64	0.006	0.36	7.49	4.8	40	2.39	1.31	9.10	0.13	81.7	47.6	51	0.58	698
K921556		1.25	0.035	0.18	6.16	2.1	910	0.91	0.04	0.39	0.07	33.7	8.7	26	0.69	5.2
K922386		0.58	0.006	0.30	3.29	2.0	140	1.02	0.10	7.94	0.31	16.90	52.0	153	0.35	521
K922387		0.66	0.002	0.07	5.60	4.0	90	0.80	0.03	4.09	0.21	24.9	37.5	65	0.80	72.2
K922388		0.53	0.003	0.18	3.91	1.8	60	0.30	0.04	2.39	0.13	5.29	27.0	121	0.33	112.5
K922389		0.52	0.002	0.02	0.51	215	180	0.92	0.01	0.10	0.05	1.59	1.8	65	1.42	6.2
K922390		1.31	0.002	0.03	0.53	223	690	0.73	0.02	0.13	0.10	5.44	1.6	40	1.39	9.3
K922391		1.02	0.009	0.23	0.77	54.2	670	0.38	0.07	0.11	0.05	17.45	4.3	38	1.01	38.5
K922392		0.83	0.002	0.04	0.49	507	230	0.58	0.01	0.26	0.22	8.85	2.2	57	1.71	11.5
K922393		0.75	0.003	0.45	4.09	280	1710	1.24	0.03	0.98	0.08	52.3	2.7	190	2.67	7.9
K922394		1.03	0.001	0.06	7.61	7.6	870	1.10	0.02	1.90	0.06	28.7	15.7	18	4.33	24.0
K922395		0.82	0.001	0.06	6.00	2.8	150	1.03	0.01	0.23	0.02	10.30	1.6	9	0.20	4.0
K922396		2.59	0.331	20.3	0.09	4.1	310	0.05	4.60	0.11	0.47	2.14	0.9	28	0.07	575
K922397		0.82	0.165	10.40	0.02	3.7	450	<0.05	0.74	0.01	0.21	0.35	0.6	23	<0.05	121.0
K922398		0.64	0.006	0.38	1.29	4.2	300	0.55	0.11	0.75	0.30	21.7	4.4	22	1.04	30.9
K922412		0.87	0.007	0.19	0.28	15.7	30	0.07	0.12	0.03	<0.02	3.39	21.4	33	0.06	68.8
K922413		0.77	0.096	0.76	0.07	36.0	30	<0.05	0.04	0.03	0.07	0.16	142.0	36	<0.05	227
K922414		0.52	0.030	1.08	0.77	11.3	80	0.07	0.01	0.16	0.07	0.34	4.4	29	0.06	644
K922415		1.00	0.009	0.33	2.76	2.6	40	0.26	0.01	0.07	0.13	3.40	22.4	15	0.17	615
K922416		0.86	0.379	1.05	0.76	9.7	1660	0.15	0.87	0.02	0.05	3.17	48.2	25	0.16	93.1
K922417		1.79	0.725	15.50	0.02	10.0	300	<0.05	4.34	0.01	3.48	0.17	0.6	26	<0.05	1080
K922418		1.05	0.015	0.09	0.16	6.1	110	0.06	0.21	0.01	0.02	0.79	32.7	16	0.34	15.1
K922419		0.77	0.014	0.39	8.59	15.1	1880	1.60	0.09	0.43	0.10	10.30	18.9	11	0.47	448
K922420		0.73	0.138	0.28	6.14	2.1	570	1.09	0.17	0.48	0.03	26.7	14.7	9	0.86	17.3
K922421		1.22	0.002	0.06	7.00	1.2	580	1.97	0.04	2.19	0.10	68.9	18.1	83	2.91	4.5
K922422		0.59	0.004	0.05	6.65	2.2	420	1.36	0.01	0.27	0.03	26.0	3.3	9	0.17	2.3



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Sample Description	Method Analyte Units LOR	ME- MS61 Fe %	ME- MS61 Ga ppm	ME- MS61 Ge ppm	ME- MS61 Hf ppm	ME- MS61 In ppm	ME- MS61 K %	ME- MS61 La ppm	ME- MS61 Li ppm	ME- MS61 Mg %	ME- MS61 Mn ppm	ME- MS61 Mo ppm	ME- MS61 Na %	ME- MS61 Nb ppm	ME- MS61 Ni ppm	ME- MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
K521296		2.76	14.85	0.13	0.3	0.024	0.49	12.5	12.3	0.87	566	0.66	5.50	5.8	2.7	460
K521297		1.79	13.05	0.12	0.9	0.007	0.07	8.3	3.4	0.22	338	3.83	6.84	3.6	7.1	140
K521298		1.87	13.55	0.19	0.9	0.027	1.55	28.6	8.1	0.41	271	0.21	3.30	8.0	4.1	520
K521299		1.28	0.85	0.08	<0.1	<0.005	0.07	0.5	0.4	0.02	64	0.46	0.13	0.4	13.3	40
K521300		5.04	17.20	0.21	2.1	0.060	1.71	18.8	28.0	1.83	1100	0.09	2.58	5.4	13.7	1910
K521361		0.91	1.61	0.06	<0.1	<0.005	0.07	0.5	21.8	0.02	59	24.8	0.02	0.2	2.5	700
K521362		5.85	16.10	0.23	0.9	0.060	1.30	28.8	5.7	0.63	427	1.18	4.89	19.9	2.1	530
K521363		2.33	6.72	0.08	0.1	0.020	0.03	2.3	9.5	0.01	101	1.01	0.02	2.1	14.1	300
K521364		6.97	36.1	0.22	1.1	0.200	0.01	41.0	11.3	0.31	449	0.53	0.56	8.3	29.3	180
K521365		11.85	22.4	0.41	1.2	0.089	0.08	43.3	4.7	1.42	2010	0.98	0.09	18.8	25.2	440
K921551		1.57	3.49	0.08	0.3	0.012	0.47	8.6	4.1	0.13	159	6.51	0.02	3.4	14.5	1300
K921552		1.77	3.77	0.09	0.1	0.020	0.61	4.1	3.7	0.08	850	0.41	0.58	1.1	3.8	120
K921553		0.66	0.40	<0.05	<0.1	<0.005	0.04	<0.5	0.2	0.01	55	0.27	0.01	0.1	1.5	20
K921554		5.01	19.75	0.19	1.0	0.045	0.16	32.5	3.0	1.48	710	9.46	5.21	13.0	34.6	290
K921555		8.20	27.1	0.25	2.0	0.107	0.09	45.4	2.3	1.01	1640	1.18	0.07	22.0	38.0	440
K921556		2.71	15.75	0.12	0.8	0.026	0.55	18.7	15.1	0.86	442	0.52	4.01	6.6	8.8	480
K922386		8.04	9.92	0.21	0.6	0.060	0.14	7.5	7.0	8.66	1640	0.43	0.79	4.5	109.0	440
K922387		7.92	17.85	0.20	0.5	0.076	0.22	10.0	17.2	2.85	1250	0.46	2.14	11.3	43.5	1050
K922388		5.64	14.90	0.14	0.1	0.037	0.04	2.4	12.2	2.54	801	0.77	1.27	2.6	87.6	190
K922389		1.45	1.64	0.07	<0.1	0.005	0.10	1.0	38.9	0.05	81	1.38	0.02	0.3	9.1	230
K922390		1.35	2.42	0.07	0.1	0.016	0.04	2.4	33.5	0.03	79	2.82	0.01	0.3	7.0	760
K922391		1.52	2.72	0.09	0.3	0.012	0.33	8.0	4.4	0.06	162	1.33	0.01	2.2	10.7	920
K922392		1.99	3.54	0.09	0.2	0.010	0.04	4.9	27.0	0.02	97	4.06	0.01	1.1	6.1	1670
K922393		2.01	13.85	0.15	0.8	0.041	0.91	26.4	25.4	0.25	33	4.01	0.03	29.4	6.3	8270
K922394		4.39	15.95	0.19	0.4	0.039	2.49	15.0	21.7	1.52	932	0.17	2.06	5.9	4.8	490
K922395		2.48	12.55	0.12	0.4	0.019	0.34	5.3	4.3	0.40	305	0.20	5.22	3.7	1.5	480
K922396		1.10	0.77	0.09	<0.1	0.194	0.02	1.2	1.2	0.05	187	0.38	0.02	0.2	1.4	50
K922397		1.08	0.29	0.07	<0.1	0.448	<0.01	<0.5	1.0	<0.01	59	1.55	0.01	0.2	1.7	110
K922398		1.57	4.42	0.07	0.2	0.103	0.41	11.2	9.2	0.09	692	0.52	<0.01	1.3	7.9	180
K922412		2.83	1.40	0.10	0.1	0.010	0.01	1.5	2.6	0.01	74	0.51	<0.01	0.8	41.6	240
K922413		4.59	0.33	0.12	<0.1	<0.005	0.01	<0.5	<0.2	<0.01	104	3.02	0.04	1.5	9.9	90
K922414		0.88	0.86	0.05	<0.1	0.009	0.03	<0.5	0.8	0.01	69	1.65	0.44	0.2	3.0	40
K922415		3.21	9.19	0.09	<0.1	0.031	0.07	1.7	12.2	1.42	635	0.29	0.86	1.4	5.2	100
K922416		5.00	1.53	0.11	<0.1	0.005	0.06	1.8	1.1	0.03	79	23.4	0.41	0.6	2.4	150
K922417		0.67	0.22	0.09	<0.1	0.088	<0.01	<0.5	0.6	0.01	58	2.90	0.01	0.1	1.2	50
K922418		2.12	0.44	0.06	<0.1	<0.005	0.01	<0.5	0.8	<0.01	49	1.27	0.04	0.3	1.5	20
K922419		1.81	9.61	0.12	0.1	0.013	2.01	5.9	3.8	0.25	269	0.46	5.78	2.2	29.0	410
K922420		3.36	12.50	0.12	0.6	0.027	1.06	14.5	4.9	0.42	400	0.84	3.63	8.1	1.4	410
K922421		5.31	19.55	0.27	0.4	0.057	1.14	33.7	14.0	3.14	1260	0.17	4.64	8.7	31.9	440
K922422		2.20	13.50	0.14	0.1	<0.005	0.04	13.1	2.0	0.01	201	0.38	5.39	5.4	1.8	220



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Sample Description	Method Analyte Units LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
K521296		9.5	19.2	<0.002	0.01	1.03	12.4	1	0.8	110.0	0.44	0.08	5.7	0.188	0.13	1.5
K521297		7.1	1.3	<0.002	0.01	0.45	2.7	1	0.2	60.9	0.53	0.69	13.9	0.041	0.02	1.8
K521298		14.3	64.6	<0.002	0.01	0.69	5.7	1	0.9	211	0.72	<0.05	16.8	0.193	0.33	2.7
K521299		1.8	3.6	<0.002	0.05	0.51	0.3	1	<0.2	6.4	<0.05	0.20	0.2	0.008	0.03	0.2
K521300		16.3	44.5	<0.002	0.28	5.42	21.7	2	1.2	592	0.35	<0.05	5.3	0.357	0.23	1.8
K521361		25.9	2.1	<0.002	0.12	51.0	0.3	1	<0.2	10.3	<0.05	<0.05	<0.2	<0.005	0.43	0.3
K521362		15.0	32.8	<0.002	0.47	0.76	18.5	3	1.7	282	1.18	0.31	9.6	0.455	0.12	2.4
K521363		2.1	1.3	<0.002	0.05	13.40	5.8	1	0.3	9.6	0.11	0.05	0.3	0.167	0.08	0.6
K521364		6.6	0.7	<0.002	0.05	4.16	13.4	2	6.7	1060	0.67	0.08	12.7	0.270	0.02	5.1
K521365		14.7	1.9	<0.002	2.14	1.98	14.9	4	2.7	817	1.25	0.31	15.5	0.485	0.03	3.9
K921551		3.7	13.2	0.013	0.76	7.34	3.2	2	0.3	13.2	0.22	0.07	2.2	0.076	0.36	3.6
K921552		1.8	20.0	<0.002	0.01	6.23	8.3	1	0.3	43.1	0.08	<0.05	0.9	0.070	0.11	0.2
K921553		1.1	1.6	<0.002	0.07	11.80	0.3	1	<0.2	1.7	<0.05	0.05	<0.2	<0.005	0.02	0.1
K921554		8.7	5.4	0.007	1.90	1.14	8.9	3	1.0	336	1.39	0.07	23.4	0.347	0.05	3.6
K921555		11.3	2.8	<0.002	1.63	2.10	11.3	3	3.0	749	1.35	0.21	13.0	0.387	0.04	4.2
K921556		9.6	25.2	<0.002	0.03	1.93	8.9	1	1.3	81.1	0.47	0.10	7.1	0.202	0.09	1.3
K922386		3.4	2.8	<0.002	0.38	0.46	61.7	2	1.4	59.6	0.26	0.07	1.8	0.321	0.02	0.4
K922387		4.5	4.9	<0.002	0.02	5.96	30.5	2	1.3	332	0.67	<0.05	0.5	1.090	0.05	0.2
K922388		5.5	1.5	<0.002	0.39	1.30	11.1	1	0.2	131.0	0.14	0.05	0.3	0.177	0.03	0.1
K922389		3.4	5.1	<0.002	0.01	220	1.5	1	<0.2	29.4	<0.05	<0.05	<0.2	0.008	0.32	0.2
K922390		7.9	2.5	<0.002	0.03	131.0	1.5	1	0.2	20.5	<0.05	<0.05	0.5	0.012	0.45	0.8
K922391		4.0	15.0	0.003	0.87	35.5	1.8	2	0.3	17.5	0.14	0.12	1.4	0.044	0.33	1.9
K922392		6.6	2.7	<0.002	0.03	176.5	1.8	1	0.2	57.1	0.06	<0.05	0.3	0.043	0.78	0.9
K922393		7.1	20.2	0.002	0.48	33.6	5.6	4	1.1	55.0	1.54	0.05	2.9	0.765	4.19	4.5
K922394		6.1	91.2	<0.002	0.01	5.77	19.7	1	0.8	162.5	0.45	<0.05	6.4	0.274	0.44	1.7
K922395		3.3	2.7	<0.002	<0.01	1.18	6.9	1	0.7	78.4	0.35	<0.05	2.9	0.166	0.06	0.4
K922396		6580	0.8	<0.002	0.17	2.68	1.0	7	<0.2	8.8	<0.05	14.05	<0.2	<0.005	0.02	0.3
K922397		4210	0.2	<0.002	0.10	2.90	0.3	4	0.3	8.2	<0.05	12.50	<0.2	<0.005	<0.02	0.3
K922398		29.3	21.3	<0.002	0.03	2.38	3.0	1	2.1	14.3	0.09	0.08	2.6	0.047	0.15	0.3
K922412		27.4	0.7	0.002	1.92	11.25	1.4	3	<0.2	1.9	<0.05	0.35	0.5	0.019	0.07	0.4
K922413		8.6	0.3	<0.002	0.07	5.50	0.1	5	<0.2	1.3	0.09	0.13	<0.2	0.081	<0.02	0.5
K922414		6.2	1.2	<0.002	0.01	0.82	0.2	2	<0.2	16.1	<0.05	0.05	<0.2	<0.005	0.02	0.3
K922415		6.9	3.2	<0.002	0.01	2.05	4.6	1	0.3	30.2	0.05	<0.05	0.7	0.029	0.02	0.4
K922416		39.8	2.5	<0.002	0.23	4.11	1.4	2	<0.2	27.9	<0.05	2.13	0.9	0.024	0.02	0.8
K922417		>10000	0.2	<0.002	0.26	5.42	0.1	14	<0.2	6.6	<0.05	21.4	<0.2	<0.005	<0.02	0.6
K922418		16.5	0.2	<0.002	0.66	0.53	0.1	2	<0.2	6.1	<0.05	0.20	<0.2	<0.005	<0.02	0.2
K922419		36.7	56.2	<0.002	0.14	0.47	4.3	1	0.4	171.5	0.21	0.14	3.1	0.049	0.22	1.0
K922420		11.6	32.5	<0.002	0.66	0.65	9.3	2	1.3	105.0	0.58	0.58	8.4	0.205	0.14	1.2
K922421		8.8	44.5	<0.002	0.46	0.31	17.6	2	2.2	209	0.62	<0.05	13.3	0.298	0.45	1.0
K922422		9.1	0.7	<0.002	0.06	0.89	1.2	1	0.3	266	0.41	<0.05	2.8	0.042	<0.02	0.6



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Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Pb- OG62 Pb % 0.001
K521296		71	1.6	6.4	55	7.3	
K521297		11	2.3	3.6	12	25.5	
K521298		37	0.6	9.5	35	25.8	
K521299		3	0.3	0.3	3	0.6	
K521300		196	2.3	16.4	96	69.5	
K521361		4	0.1	0.2	5	0.9	
K521362		79	0.9	24.0	20	28.9	
K521363		68	0.4	2.4	35	2.8	
K521364		127	0.9	29.8	9	24.2	
K521365		106	5.0	21.9	118	31.4	
K921551		95	0.5	7.4	20	13.1	
K921552		40	7.2	5.0	21	1.2	
K921553		1	0.1	0.3	4	<0.5	
K921554		78	0.3	9.8	34	28.4	
K921555		89	62.1	25.9	89	54.2	
K921556		76	8.3	7.9	50	20.1	
K922386		223	0.6	13.3	155	14.1	
K922387		248	0.9	28.4	121	3.7	
K922388		120	8.2	3.8	112	2.5	
K922389		6	0.4	1.0	21	1.1	
K922390		10	0.3	2.2	22	1.4	
K922391		37	0.9	5.7	10	9.2	
K922392		13	0.5	3.5	18	7.1	
K922393		98	5.6	16.4	14	28.0	
K922394		135	2.7	12.6	63	7.2	
K922395		55	2.0	1.9	22	9.8	
K922396		6	0.3	1.5	6	<0.5	
K922397		2	0.3	1.0	<2	<0.5	
K922398		26	6.8	3.9	29	4.8	
K922412		10	0.1	2.0	6	3.6	
K922413		8	1.4	0.1	<2	<0.5	
K922414		2	0.6	0.1	5	<0.5	
K922415		54	0.4	1.3	87	1.0	
K922416		12	0.5	1.1	4	0.9	
K922417		1	0.5	0.1	<2	<0.5	1.370
K922418		2	2.2	0.3	<2	<0.5	
K922419		26	1.1	5.3	14	2.7	
K922420		45	18.2	13.4	15	14.4	
K922421		126	0.3	20.8	100	10.5	
K922422		22	5.2	3.4	5	13.4	



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP22 Au ppm	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
K922423		0.96	0.002	0.21	7.12	6.2	270	1.37	0.10	3.64	0.21	88.0	25.2	60	1.49	32.9
K922424		1.06	0.004	0.13	7.85	47.3	720	0.99	0.10	3.37	0.04	38.0	8.5	6	0.30	30.8
K922425		0.66	0.002	0.05	2.47	23.6	930	0.82	0.04	0.61	2.15	6.01	8.2	44	2.91	3.9
K922876		0.80	0.059	1.16	0.19	60.9	20	0.05	0.08	0.08	0.15	0.75	357	28	<0.05	573
K922877		1.14	0.009	0.24	1.01	5.1	40	0.14	0.02	0.29	0.03	0.91	5.6	24	0.05	97.7
K922878		0.55	0.016	0.48	5.93	3.7	110	1.06	0.02	0.23	0.03	29.1	4.5	21	0.95	169.0
K922879		0.62	0.097	5.06	2.60	9.8	150	0.31	0.71	1.01	<0.02	6.05	4.7	21	0.24	1020
K922880		0.72	0.002	0.11	4.92	1.5	180	1.56	0.05	1.88	0.09	68.6	11.6	37	0.74	12.9
K922881		0.65	0.002	0.10	6.41	1.8	450	1.17	0.02	0.37	0.04	16.45	4.2	14	0.39	5.5
K521378		1.18	0.007	0.05	0.14	7.4	20	<0.05	0.01	0.01	<0.02	0.25	7.1	25	0.11	11.7
K521379		1.27	0.002	0.08	4.41	86.4	650	0.91	0.09	0.10	0.11	20.1	3.9	49	1.69	36.4
K521380		1.25	0.012	0.09	0.64	496	550	0.52	0.13	0.11	0.08	8.66	0.7	55	2.91	4.3



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CERTIFICATE OF ANALYSIS WH11123819

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
K922423		4.23	16.25	0.24	0.5	0.051	0.46	44.0	9.8	1.46	747	0.14	5.29	15.8	28.5
K922424		4.60	19.05	0.23	0.3	0.042	0.69	17.6	3.8	0.91	412	1.39	2.64	3.8	1.0
K922425		1.93	9.87	0.10	0.4	0.094	0.06	3.3	33.2	0.03	46	28.6	0.03	6.7	23.8
K922876		5.77	0.51	0.14	<0.1	0.006	0.02	0.6	0.3	0.02	75	5.43	0.09	0.4	16.2
K922877		0.97	1.44	0.06	<0.1	<0.005	0.07	0.6	0.9	0.19	140	0.43	0.55	0.8	1.7
K922878		2.24	10.95	0.12	0.3	0.065	0.26	16.5	6.8	0.64	413	0.27	4.24	4.1	2.5
K922879		2.41	5.35	0.10	0.1	0.147	0.40	3.1	2.8	0.43	306	493	0.78	1.7	2.0
K922880		2.51	12.45	0.18	0.9	0.023	0.25	34.2	4.5	0.21	566	3.41	3.75	9.1	15.4
K922881		3.50	13.45	0.15	0.1	<0.005	0.04	8.2	2.4	0.01	158	1.80	5.22	3.8	1.8
K521378		1.20	0.48	0.06	<0.1	<0.005	0.03	<0.5	0.4	0.01	58	0.81	0.04	0.1	1.3
K521379		2.65	12.50	0.10	0.3	0.044	0.75	9.8	27.4	0.21	58	1.36	0.05	11.1	8.0
K521380		1.10	2.15	0.05	0.5	0.014	0.06	5.8	30.8	0.02	58	10.60	0.02	3.6	5.7



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Sample Description	Method Analyte Units LOR	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.2	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
K922423		16.4	14.2	0.002	2.12	5.63	13.6	2	1.6	958	1.13	<0.05	17.5	0.391	0.17	2.4
K922424		5.7	21.2	0.003	0.55	1.85	19.6	4	0.4	288	0.24	0.41	1.9	0.232	0.26	0.9
K922425		26.7	3.4	0.072	1.17	187.0	1.5	1	0.9	76.1	0.52	<0.05	0.9	0.237	4.96	1.7
K922876		2.1	1.0	<0.002	0.02	8.30	0.3	7	<0.2	3.6	<0.05	0.24	<0.2	0.013	0.02	1.2
K922877		5.5	2.1	<0.002	0.03	0.40	1.2	1	<0.2	19.9	<0.05	<0.05	0.2	0.020	0.03	0.1
K922878		7.4	11.4	<0.002	<0.01	2.35	11.3	1	0.4	124.0	0.31	<0.05	6.2	0.205	0.08	1.5
K922879		3.2	14.6	0.038	0.15	0.27	5.8	3	0.9	80.0	0.13	0.18	2.0	0.081	0.10	1.0
K922880		10.9	12.4	<0.002	1.01	1.65	6.5	2	1.0	277	0.62	0.05	15.3	0.193	0.09	1.2
K922881		6.1	0.7	<0.002	0.05	0.83	1.0	1	0.2	252	0.28	<0.05	1.8	0.030	<0.02	0.7
K521378		0.9	1.0	<0.002	0.01	2.38	0.4	1	<0.2	2.2	<0.05	0.09	<0.2	<0.005	<0.02	0.1
K521379		8.6	19.7	0.007	1.36	31.6	8.5	2	1.0	36.4	0.61	<0.05	1.2	0.438	0.76	0.6
K521380		30.5	3.4	0.010	0.26	71.3	0.5	2	0.5	23.3	0.18	<0.05	1.2	0.063	2.71	1.0



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CERTIFICATE OF ANALYSIS WH11123819

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Pb- OG62
		V	W	Y	Zn	Zr	Pb
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	% 0.001
K922423		71	46.5	22.1	91	11.8	
K922424		109	0.3	28.5	29	4.5	
K922425		125	1.2	2.1	581	8.3	
K922876		13	1.7	0.3	4	<0.5	
K922877		9	0.2	0.5	10	<0.5	
K922878		69	1.8	7.1	34	6.4	
K922879		46	1.1	3.0	15	2.0	
K922880		34	15.2	11.2	28	27.6	
K922881		36	2.5	2.6	5	1.9	
K521378		3	0.1	0.1	3	<0.5	
K521379		141	1.8	3.5	38	6.0	
K521380		11	6.7	1.1	9	22.4	



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Method	CERTIFICATE COMMENTS
ME- MS61 ME- MS61	Interference: Mo> 400ppm on ICP- MS Cd,ICP- AES results shown. REE's may not be totally soluble in this method.

QW29026

DEET Exploration Expenditures - 2011



Geology	wages	Miller, Lalond, Pollries		11,809.58
Sampling	wages	Coolidge, Sauer, Lushman, Lushman, Noseworthy, Gould		23,115.28
Helicopter		Helidynamics		14,604.00
Geochemistry		ALS Chemex		8,596.30
Workers Compensation				2,720.00
Camp & Accomodation				5,289.30
Drafting and Report Writing	Est.			5,000.00
			TOTAL	71134.46