



**BERINGIA GOLD CORPORATION
MINERAL EXPLORATION SUMMARY
HAY PROJECT - YUKON TERRITORY**

**NTS MAPSHEET 115J 08
SEPTEMBER 2010**

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September 2010

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Jasperoid "like" breccia within the Shadow Zone, 1988.

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EXECUTIVE SUMMARY

The 1,127 hectare Hay Property is located within the Dawson Range Mountains of the Klondike Plateau region in west central Yukon. The property center is near UTM coordinate 647890E 6914271N. The Hay Project is 7 km northwest of the Day Claims.

The Hay Project exists within geological terrain that has excellent potential of hosting gold-silver deposits related to a high level epithermal environment. An intact to slightly eroded, epithermal related hot spring occurrence appears to exist on the Hay claims. Hay lies within a large north trending Cretaceous rhyolite dyke swarm intruding andesite volcanics and an older Jurassic granodiorite.

Hay was originally staked as the Shadow claims by Kerr Addison Mines (KAM) in 1985 after the discovery of a 50m x 200m outcrop (Shadow Zone) of intensely silicified rhyolite replacement breccia that occurs within a 2km north-south trending lineament. Silicified breccia float has been traced for 1300m along the linear structure. The breccia consists of moderately to intensely silicified, hematitic, rhyolite porphyry fragments in a siliceous matrix. There is also strongly silicified breccia, where fragments are coated by cryptocrystalline, chalcedonic and radiating drusy quartz. Three other altered areas are known to occur west and north of the Shadow Zone. One zone is surrounded by a 130m wide area of moderate clay alteration, sericite and quartz stringers.

Hay Property breccias have highly anomalous antimony (Sb - up to 850 ppm) and arsenic (As - up to 570 ppm). The highest gold value found to date on Hay has been 400 ppb. The prospect for Hay, even with this lower maximum gold value, is very good; the overall intensity of silicification along with high Sb and As values and the existence of major silicified structures are all favourable characteristics for gold discovery. Gold and silver values near the top of hot spring gold/silver systems, on a worldwide basis, are known to be typically low. KAM geologists hypothesized that gold may have accompanied later stage silicification and was possibly prevented from reaching surface by the impermeability created by preceding silicification processes.

A VLF-EM geophysical survey in 1986 pointed to a deep conductive source west of the main breccia zone on the claims; the same area also has a large (regional) magnetic low geophysical signature that may be reflecting alteration associated with deep seated gold/silver mineralization. The magnetic low appears to be related to a major northwest trending structure seen in Landsat satellite images.

In 2010, 448 soil samples were collected over the Hay claims. The survey identified a north trending (1100m long) antimony soil anomaly that is coincident with an arsenic anomaly (1100m long - northwest trending); both are coincident over the Shadow Zone. A mercury anomaly also exists over the southern section of the main ridge and is coincidental with antimony and arsenic over the Shadow Zone. Gold and silver soil values on the Hay claims appear to be relatively weak, as could be expected over the upper sections of a deeply weathered hot spring gold/silver system.

An interesting chromium (+ nickel and cobalt) anomaly occurs in a circular pattern around the main ridge on the property. As a result of this feature, all future soil or rock samples from the Hay Property should be assayed for PGE's.

LOCATION and ACCESS



Figure 1

The Hay Project is located in the Yukon Territory in the northern part of Canada (fig. 1).

The target area is located in the Dawson Range Mountains of west-central Yukon. The Hay Property is situated on NTS Map Sheets 115J 08. The target area is located 100 km west-north-west of Carmacks, Yukon.

The UTM coordinate of the property center is 647890E 6914271N.

The Hay Property is within the Whitehorse Mining District.



Figure 2

The Hay claims are accessible only by helicopter. Access is available from Carmacks (100km). There is also limited access to the Hay area by way of the Northern Freegold exploration camp (Mt. Freegold area). This access is only 40 km east of the property. The Hay area lies 7 km northwest of the Day claims.

Carmacks is 171 km north of Whitehorse, which is roughly 275 kilometers to the north of the all season shipping port at Skagway, Alaska.

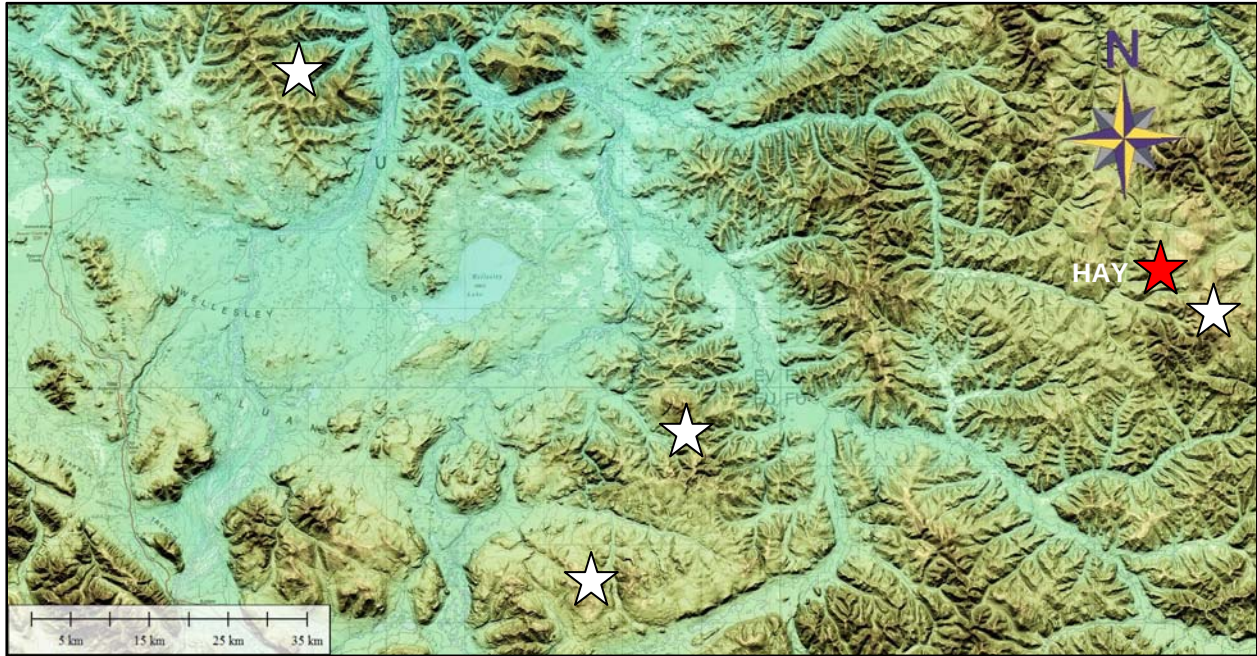


Figure 3

PHYSIOGRAPHY, VEGETATION and CLIMATE

The Hay Project (main zone) is located along a north-south trending ridge with moderate to gentle slopes. The property is within the Dawson Range Mountains of the Klondike Plateau Region of Yukon. The Dawson Range hosts barren to heavily forested areas that cover low rolling hills to slightly mountainous terrain. Elevation on the property ranges from 1015m to 1500m. Vegetation in the upland areas is very sparse. There are no trees on the higher part of the property because of being above the tree line (1250m). The main trees in the lower areas are black spruce, trembling aspen and white spruce. Undergrowth on the property consists mainly of buckbrush willow, moss and grasses.

Drainage in the area is good, due to the fact that the property is located along a central ridge. Local creeks have a continuous supply of water during the spring and summer months. Permafrost is present on most north facing slopes.

The climate of the area is typical of the interior continental region at this latitude. Winters are long with short hours of daylight and average daily temperatures of -20 Celsius. Summers are pleasant and warm with long days (24 hours of daylight on June 21), although it can be quite rainy at times. The average summer temperature is 20 Celsius with highs ranging into the high 30's.

UNGLACIATED TERRAIN

The Hay Project is located in unglaciated terrain, which characteristically has deeply weathered bedrock and soil. Soil sampling, and interpretation in the upland areas of unglaciated regions is less complicated than in glaciated regions and valley bottoms because surficial materials (soil anomalies) are primarily derived from local weathered bedrock. The main complicating factor in these settings is that dilutive surface materials get mixed into underlying soil horizons through cryoturbation, which dilutes the

geochemical signature (Bond and Sanborn, 2006). This is particularly common on, permafrost laden, north-facing slopes (Smith *et al.*, 2009).

Another important factor to consider in unglaciated areas is that local bedrock may have been exposed to extensive downward weathering. This type of condition could mask over the soil geochemical signature of an area because the geochemical profile is severely depleted (leached) in upper bedrock environment.

PROPERTY and CLAIM STATUS

The Hay Project covers an area of 54 claim blocks (11.2 sq km) in Yukon. The claims are owned by Beringia Gold Corporation, Nokuyukon Holdings Ltd and Dawsun Gold Mining Ltd. A record of the claims and expiry dates, current to April 20, 2011, is highlighted in the list below.

		Claim Status Report				20 April 2011
Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s	
R BAY 95 - 228	YD19447 - YD19580	2014/02/08	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115K09	
R DAY 1 - 60	YD18738 - YD18797	2015/12/17	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J01, 115J08, 115I05	
R HAY 1 - 54	YD18684 - YD18737	2015/12/17	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J08	
R MAY 1 - 27	YD18798 - YD18824	2011/12/23	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J04	
R MAY 28 - 32	YD18825 - YD18829	2012/12/23	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J04	
R MAY 33 - 48	YD18830 - YD18845	2012/12/21	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J04	
R MAY 49 - 110	YD18846 - YD18907	2012/12/23	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J04, 115G13	
R MAY 111 - 298	YD19111 - YD19298	2013/02/08	Dawsun Gold Mining Ltd. Nokuyukon Holdings Ltd. Beringia Gold Corporation	25.00 25.00 50.00	115J04, 115G13, 115G14	
Left column indicator legend: R - Indicates the claim is on one or more pending renewal(s). P - Indicates the claim is pending.						Right column indicator legend: L - Indicates the Quartz Lease. F - Indicates Full Quartz fraction (25+ acres) P - Indicates Partial Quartz fraction (<25 acres)
						Total claims selected : 934 D - Indicates Placer Discovery C - Indicates Placer Codiscovery B - Indicates Placer Fraction
Page 1 of 2						

Figure 4

HAY PROJECT

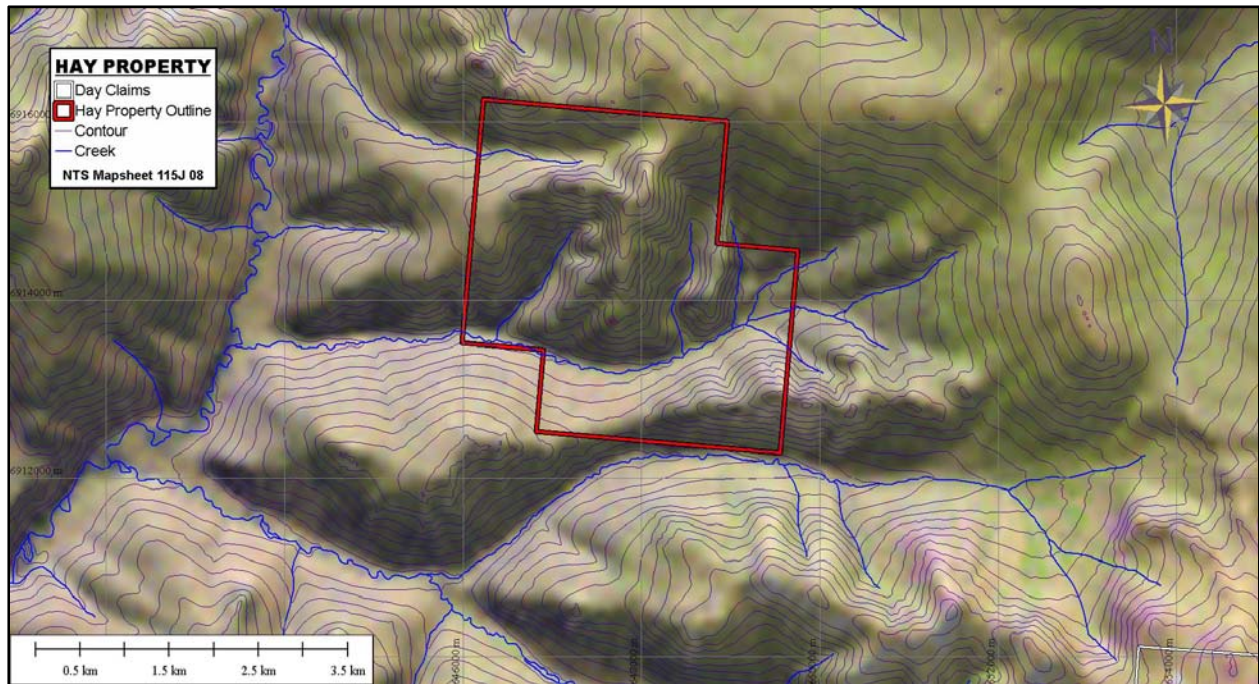


Figure 5



Figure 6

HISTORY

The Hay Property is located in a relatively remote area in south-central Yukon; the area is located along the western edge of the Carmacks Porphyry Belt (CPB). The CPB is very under-explored for both porphyry and hot spring type deposits.

Kerr Addison Mines (KAM) first discovered mineralization in the Hay area in 1985. The Shadow Claims were staked in 1985 to cover an intensely silicified rhyolite breccia occurring along a strong, north trending lineament. The breccia occurs as a 200m long outcrop and is traced as local float for 1300m.

The breccia is potentially related to a large north trending Cretaceous rhyolite dyke swarm that intrudes into local andesite volcanics and an older granodiorite on the property.

1985 Exploration Program

Exploration work in 1985 consisted of soil sampling, preliminary mapping and prospecting.

KAM found up to 400 ppb Au, 570 ppm As and 850 ppm Sb in rock samples. Ag was generally less than 0.3 ppm. Based on the presence of chalcedonic quartz, high Sb and late stage quartz stringers, the intensely silicified breccia was postulated to result from episodic silicification fitting a hot spring model. Trenching or winkie drilling was recommended to test for gold mineralization deeper in the lineament.

1988 Exploration

In 1988 budget and time constraints limited the exploration program. Soil sampling and selective VLF surveying were carried out across the Shadow Zone and the main lineament, which is along the west side of the main (north-south) ridge on the property.

Soil response was poor but suggestive of a gold-arsenic association along the main lineament. Sb results were inconclusive due to problems with a minimum detection limit of 5 ppm. It was recommended that Sb be re-analyzed using a lower detection limit of 0.1 ppm.

Two VLF-EM anomalies were found on the property. One linear (Fraser Filter) VLF anomaly occurs coincident with a short lineament east of the main lineament; the other anomaly is parallel to, but west of, the main lineament. The VLF data pointed to a deeper conductive source and possibly a westerly dip to the main lineament.

It was recommended that a VLF survey be conducted over the remaining grid lines followed by diamond drilling to test the structures at depth.

GEOLOGY

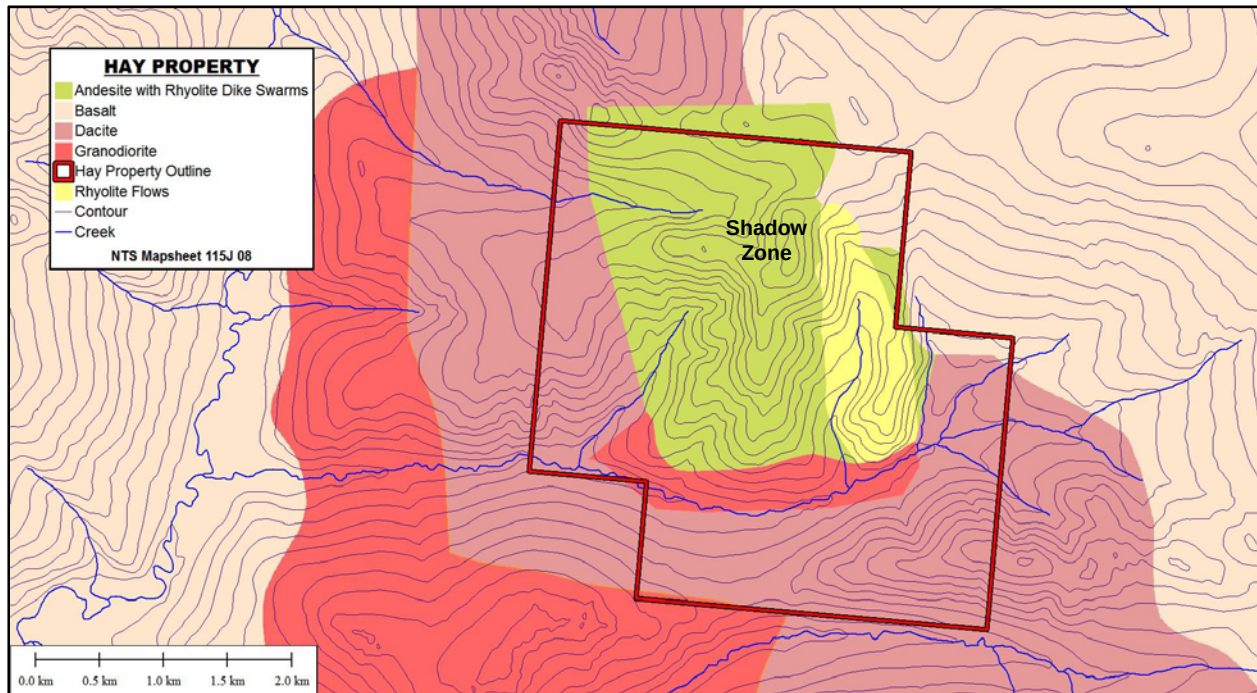


Figure 7

Regional

The central part of the Hay Property lies within a large, northwest trending rhyolite dyke swarm intruding andesite and volcanics and a Mesozoic granodiorite body. Cretaceous dacite volcanics occupy the extreme south, southeast and west parts of the Hay claims. A larger granodiorite body occurs to the west, southwest and south of the Hay property. The rhyolite, andesite, dacite are of Cretaceous age. The granodiorite is Jurassic in age. Upper Cretaceous basalts overlie all units.

Property

According to Kerr Addison mapping from 1985, a large portion of the Hay property is underlain by andesite porphyry and pyroclastic volcanic rocks. Rhyolite flow is exposed on the east and southeast sides of the property. Basalt volcanics occur in the upper northeast corner of the claim block. Numerous rhyolite (quartz) feldspar porphyry dykes intrude all other units. Intensely silicified rhyolite breccia occurs as a 200m long exposure in the Shadow Zone; this zone exists within a lineation (Shadow) that trends for 2km along the west side of the central ridge on the property. Silicified breccia float has been traced for 1.3km along the structure. Slickensiding indicates fault movement is north-south with a southerly plunge. A second, shorter lineation of similar trend, occurs on the east side of the main ridge, opposite the Shadow Zone; no silicified breccia has been found along this second lineament but it may be the source of large float boulders of silicified rhyolite at the Creek Zone in the central part of Twilight Creek.

The breccia varies from moderately to intensely silicified rhyolite porphyry fragments in a siliceous matrix. Some hematitic alteration was also noted. In more strongly silicified breccia, fragments are coated by cryptocrystalline, chalcedonic and radiating, drusy quartz. Later stage quartz and chalcedony veinlets cut the breccia. A clay-sericite

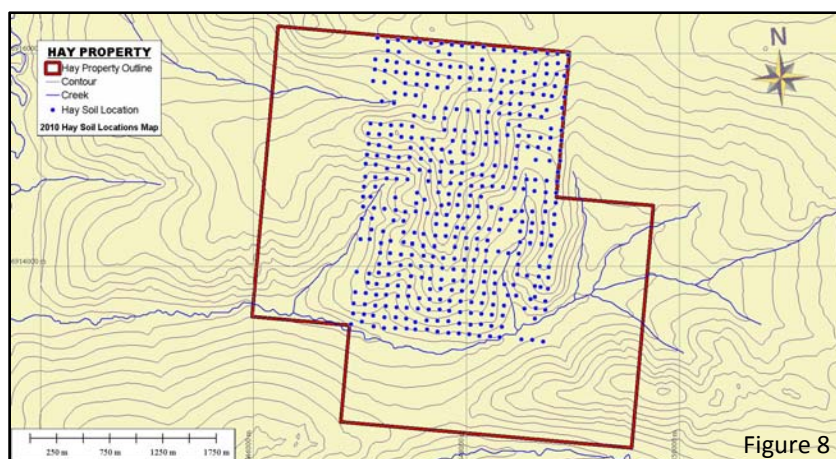
alteration zone with quartz stringers surrounds the Shadow Zone. West and north of Shadow, three other altered zones occur. Brecciation, quartz veining and/or silicification occur in areas up to 100m long and 15m wide. One zone is surrounded by a 130m wide area of moderate clay alteration, weak sericite and quartz stringers.

Structure

KAM hypothesized that the dyke swarm and/or volcanics may be offset by an east-west fault on the property. A large northwest trending structure appears to exist on the northeast side of the Hay claims; this apparent structure is highlighted by a linear edged magnetic anomaly. A larger northwest trending structure can be seen, a bit further to the east, in Landsat satellite images.

GEOCHEMISTRY

Soil Sampling



A total of 448 soil samples were collected (from 532 sites) on the Hay Property between July 14 to July 18, 2010 (blue dots in figure 8). All samples were collected from the C horizon and at an average depth of 60cm. The samples were collected in Kraft type sample bags which were dried at camp. Samples were brought to

Whitehorse when the Hay soils project was completed. All samples were prepared for assay at ACME (Prep) Labs in Whitehorse then sent to ACME Labs in Vancouver, B.C. and analyzed by ICP-MS Group 1DX2. The soils were assayed for 37 elements. Soil samples were collected at 100m soil site intervals and along lines that were space 100m apart.

KAM reported that soils in the Hay area are poorly developed and in many cases have unusually large amounts of organic matter. In several areas soil sample collection was hampered by these issues and as well as talus slopes or boulder fields.

Soil locations with a "no soil" designation have been removed from the map in figure 8.

It should be noted that all soil samples were screened to 80 mesh size prior to assay. The results of using an 80 mesh sample may be that the full quantitative potential of the assay may not have been exercised, as there have been past reports published by the Yukon Geological Survey that stipulate that the best soil survey results are obtained from sampling residual soils in unglaciated terrain by screening to 200 mesh. This more detailed screening procedure apparently captures more of the courser gold grain fraction of the soil sample, more readily. It is recommended that all future soil sample surveys use 200 mesh screening.

EXPLORATION RESULTS, ECONOMICS & DISCUSSION

The Hay Project hosts a potentially important surficial hot spring occurrence that could contain significant gold/silver mineralization at depth. Many of the classic geological and geochemical characteristics of hot spring gold/silver deposits exist on the property. These characteristics include hot spring rock textures, hydrothermal breccias, advanced hydrothermal alteration and precious metal related mineralization. Exploration results from the past and present support the idea that the Hay Property is a target worth pursuing in regard to the Hot Spring Gold/Silver Deposit Model (figure 9).

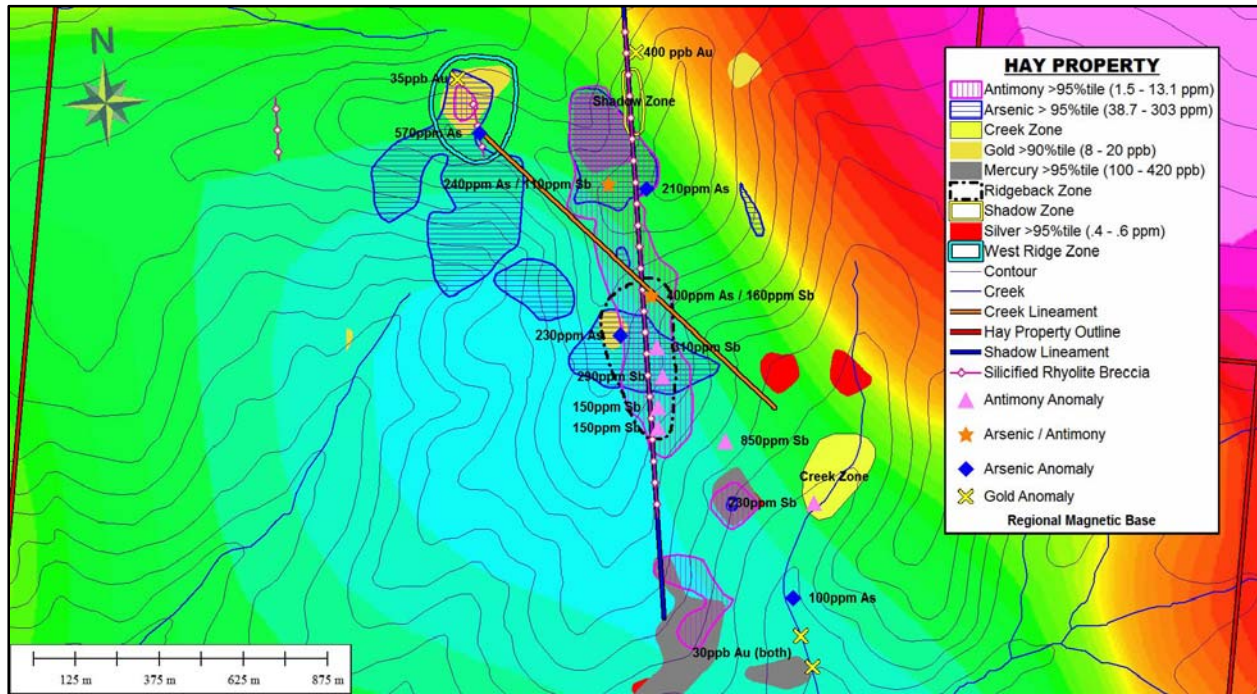


Figure 9

In 2010 a soil survey over the Hay property revealed coincidental "hot spring" type soil anomalies over areas of brecciation and lineaments that were discovered by Kerr Addison Mines in the late 1980's. The Shadow Zone and two new areas, the West Ridge Zone and the Ridgeback Zone host the coincidental anomalies.

The Shadow Zone in particular was a site of stronger coincidental anomalies. One 2010 soil site, directly down slope from Shadow, had values of 303ppm As, 13.1ppm Sb and 370ppb Hg. The Shadow Zone (figure 10) is distinctive in that it has:

- Soils anomalous in arsenic, antimony and mercury;
- Presence of cryptocrystalline type quartz ("hot spring" related rocks);
- Highest associated gold anomaly on the Hay claims (400ppb Au)
- Significant hydrothermal alteration;
- Intense silicification and quartz veining;
- VLF-EM geophysics resistivity anomaly (reflecting pervasive silicification);
- Located along the contact of an eastern mag high and a western mag low;

All of these characteristics make the Shadow Zone an excellent target for further exploration.

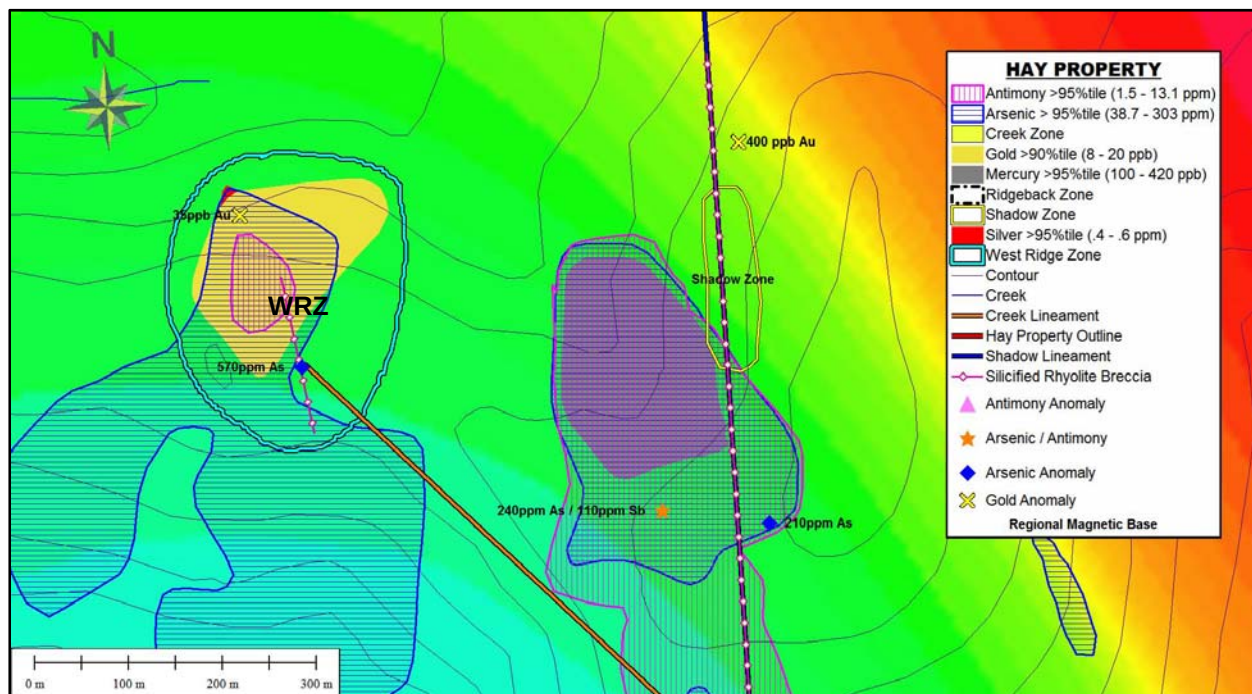


Figure 10

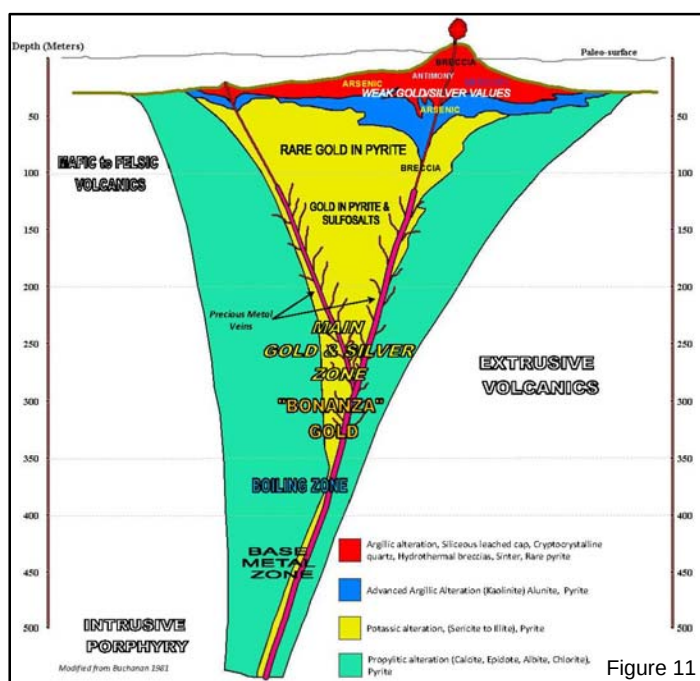


Figure 11

Gold and silver values over the Shadow Zone and the rest of the Hay target areas are weak. This isn't unusual for hot spring gold/silver deposits. The tops of some hot spring deposits can be completely barren of gold and silver. One reason for this may be that the hydrothermal processes that form hot spring deposits produce huge amounts of silica that can create impermeable barriers in the upper parts of the system. Research has also shown that the precious metal deposition in "hot spring" environments (figure 11) happens just above the "Boiling Zone", where bonanza grade gold and silver can be found in open fissure structures.

Most of the gold in hot spring environments is often trapped immediately above the boiling zone, which would account for the lack of precious metals in the upper levels and on surface. Boiling zones commonly develop along a somewhat horizontal plane, at a typical depth of about 300-400 meters below the surface.

The West Ridge Zone (WRZ) is about 400m west of the Shadow Zone. WRZ has lower order soil anomalies (than Shadow) but it has several anomalies that are coincidental with another intensely silicified rhyolite breccia at that location. KAM also found rock float in the area that was anomalous in arsenic (560ppm). The area has 95%tile soil anomalies in arsenic, antimony, gold and silver. See figure 10.

The Ridgeback Zone (RBZ) is potentially a very important area on the Hay claims. The center of the RBZ (figure 12) is about 750m south of the Shadow Zone, along the main ridge of the Hay claims. Some important characteristics of Ridgeback are:

- RBZ hosts a relatively strong, intersecting arsenic - antimony soil anomaly that was found in 2010;
- RBZ is also located at the intersection of the two main lineaments (Shadow & Creek) on the Hay claims;
- The intensely silicified rhyolite breccia that is found in the Shadow Zone has been traced (in float) across the entire length of the RBZ;
- Highly anomalous values of arsenic and antimony are found in float boulders in the RBZ;
- RBZ is found on the edge of a magnetic low that may be reflecting the location of deep seated alteration related to a "hot spring" gold/silver deposit at depth.

It is interesting to note that the antimony soil anomaly trends along the ridge in the same manner as the Shadow lineament and the arsenic soil anomaly is coincident with the trend of the Creek lineament. The Shadow lineament may be reflecting silicification and alteration along the (weathered) surface of a hot spring occurrence which could explain the stronger mercury and antimony values along the linear. The Creek Lineament may be reflecting a (fault) structure that originates from the deeper parts of the volcanic center responsible for the manifestation of the hot spring; this could be why the Creek Lineament has an associated arsenic anomaly. Arsenic values are typically higher in the deeper parts of hot spring systems.

The 1988 VLF-EM survey was conducted over part of the RBZ. The information that was collected has been useful in assessing the RBZ but KAM was not able to complete the survey over the most of the zone. The data that is available (over the south part of the zone) appears to show the zone as having a more conductive nature than the rest of the survey on the northern part of the main ridge. This may be reflecting an increase

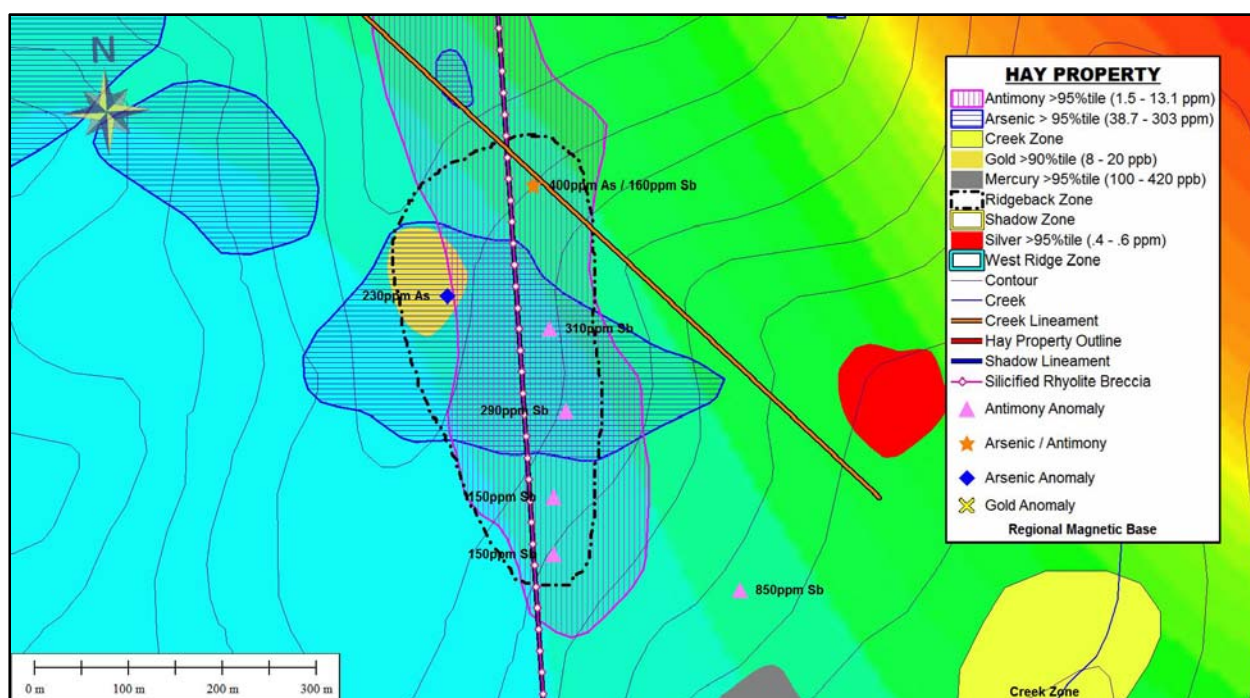


Figure 12 - Ridgeback Zone

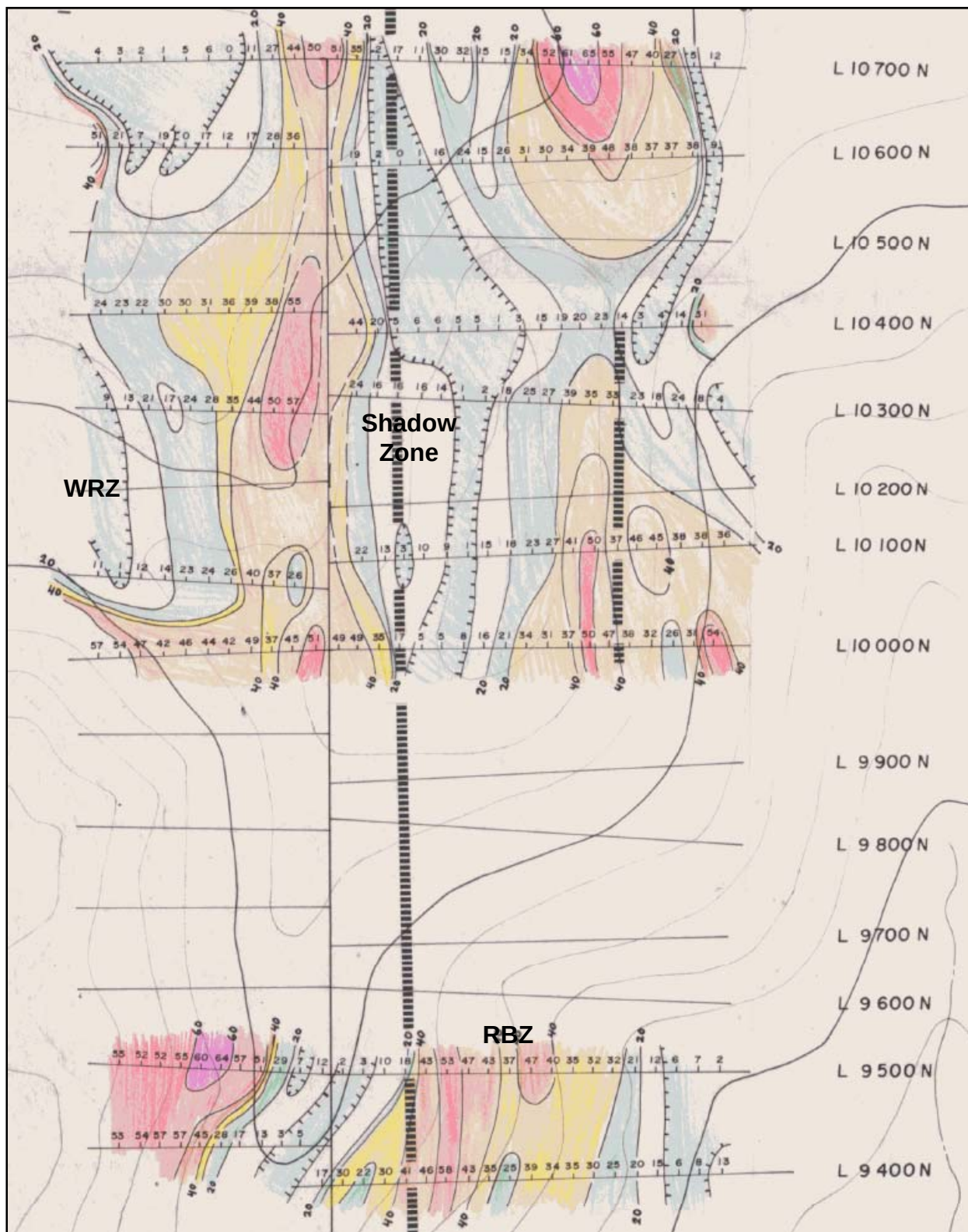


Figure 13

in sulfides due to the lower stratigraphic levels of the volcanic pile being exposed by erosion, which would expose the more sulfide rich layers in the lower levels of the hot spring model. It also appears to show that there are still some linear areas of silicification trending in a north-south direction through the RBZ.

The VLF-EM (Fraser) data in figure 13 also appears to show that the geology around the Shadow West Ridge Zones have significant amounts of resistive rock; which is most likely representing the high degree of silicification found in the area. The Fraser image may be useful in helping map out the geology of the entire ridge area.

Magnetic data is also very helpful in regard to mapping structures and geology. The regional magnetic data available for the Hay area shows what appears to be a linear structure on the east side of the property. The linear is represented by the long magnetic high in the area. It is interesting that this (straight edged) magnetic anomaly is parallel to the trend of the Creek Lineament and the 2010 arsenic soil trend. If this is a structure it could have been a conduit for hydrothermal fluids that manifested as a hot spring occurrence on the surface. KAM geologists hypothesized a western dip to the Shadow Lineament; if this is accurate it could account for the location of the magnetic low to the west of the main ridge. In this scenario the magnetic low could be a reflection of alteration (destruction of magnetite causing de-magnetized zones) further down-dip in the hot spring system; this is normally where the strongest alteration would be found.

INTERPRETATION AND CONCLUSIONS

The Hay Project represents a property of significance based on having very favourable geology, geochemistry, structure and a magnetic low geophysical signature that could be representing the location of a hot spring related alteration zone.

The Hay project exists within the under-explored Carmacks Porphyry Belt which hosts several porphyry deposits; porphyries are genetically related to hot spring deposits. Hot spring gold/silver deposits have not been discovered in Yukon as of yet, but there are some good hot spring exploration targets within the Carmacks District. The Carmacks Porphyry Belt would be the most likely area to find hot spring gold/silver deposits in Yukon.

The Hay Property is underlain by andesite porphyry and pyroclastic volcanic rocks. Rhyolite flow is exposed on the east and southeast sides of the property. Basalt volcanics occur in the upper northeast corner of the claim block. A Jurassic granodiorite is found in the south-central part of the claims. Numerous rhyolite (quartz) feldspar porphyry dykes intrude all other units.

Hay hosts several zones of anomalous geological structures and rock types that are related to the formation of hot spring (gold/silver) deposits. The presence of cryptocrystalline, chalcedonic, radiating and drusy quartz is very convincing evidence that the Hay claims could host a hot spring precious metal deposit. Hay also hosts significant alteration assemblages that are known to be associated with such deposits. Soil geochemistry over the Shadow Zone and other linear structures on the property show that arsenic, antimony and mercury anomalies are coincidental with exploration target zones. VLF-EM data points to the presence of major silicified (linear) structures along the main ridge that hosts the Shadow Lineament.

All of the historical data from the Hay property along with recently collected soil data point towards the high level of potential that the Hay claims have to host a hot spring gold/silver deposit at depth.

DEPOSIT MODEL

Hot Spring gold-silver deposits are the surficial manifestation of hydrothermal systems generated in the earth's upper crust due to the intrusion of molten rock. All porphyry, epithermal and hot spring related precious and (often) base metal deposits form from such magmatic intrusion related activity.

Active hot-spring deposits manifest on surface as siliceous sinters, steam heated alteration zones, and brecciated zones that cap geothermal systems. Many geothermal systems are associated with either low or high-sulphidation epithermal deposits. Their formation at the Earth's surface makes them very susceptible to erosion, however modern and recent deposits are most common, and examples are found worldwide, including Japan, Indonesia, New Zealand (e.g. Champagne Pool, Wairakai), Nevada (Round Mountain), and California (McLaughlin). Older, Jurassic, sinters, and related Au-Ag epithermal deposits are also known from Patagonia, Argentina (Schalamuk).

Hot spring gold and silver grades at surface are typically variable and often sub-economic, but the presence of Au at surface, along with elevated Hg, Sb, As, S, and Tl, may suggest a mineralized root zone, or deeper epithermal gold-silver deposit.

Un-eroded Hot-spring deposits comprising surface lenses or aprons of silica (siliceous sinter), may be several hundred meters in diameter, but only meters to tens of meters in thickness. Discordant hydrothermal conduits beneath these deposits may extend over hundreds of meters in the vertical dimension, and resemble funnel-like forms in section, decreasing from hundreds of meters at surface to a few meters with depth, in root zones.

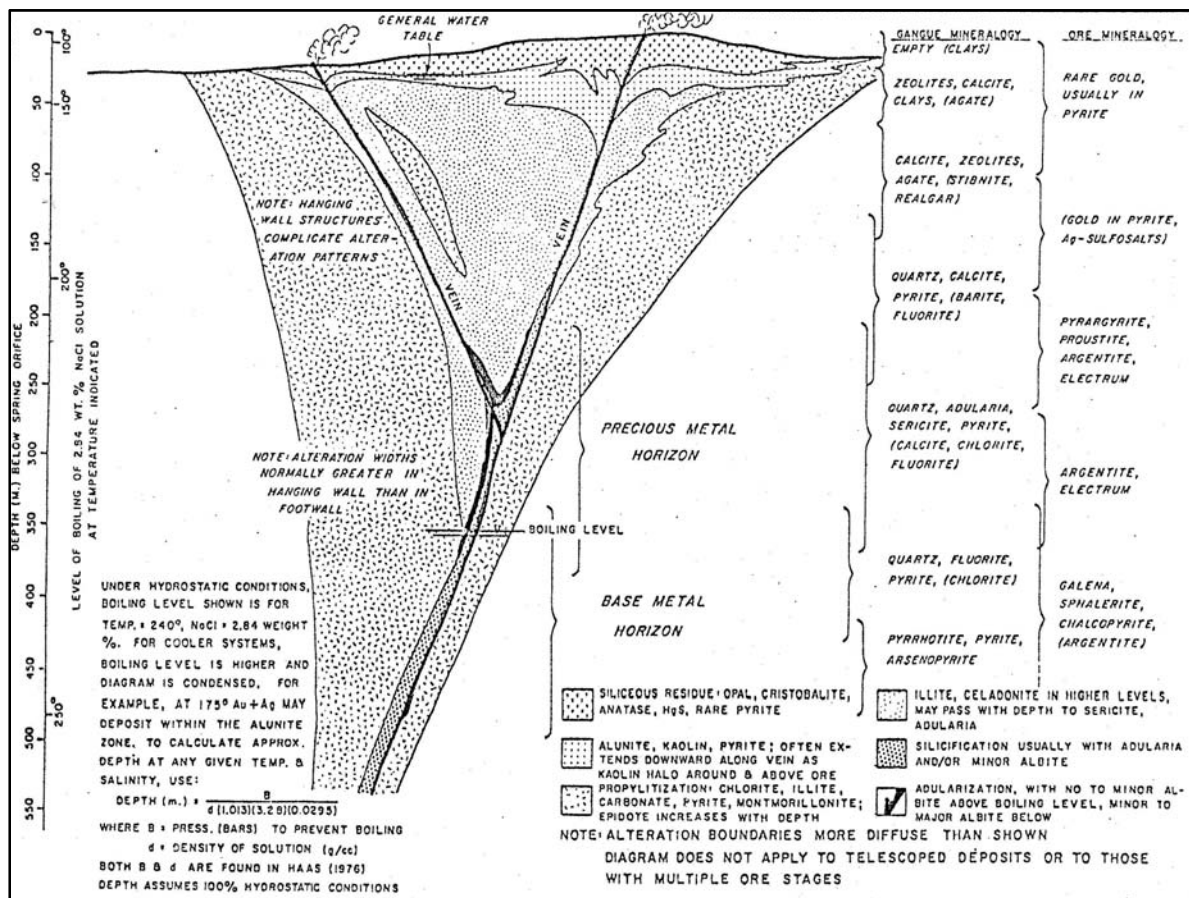
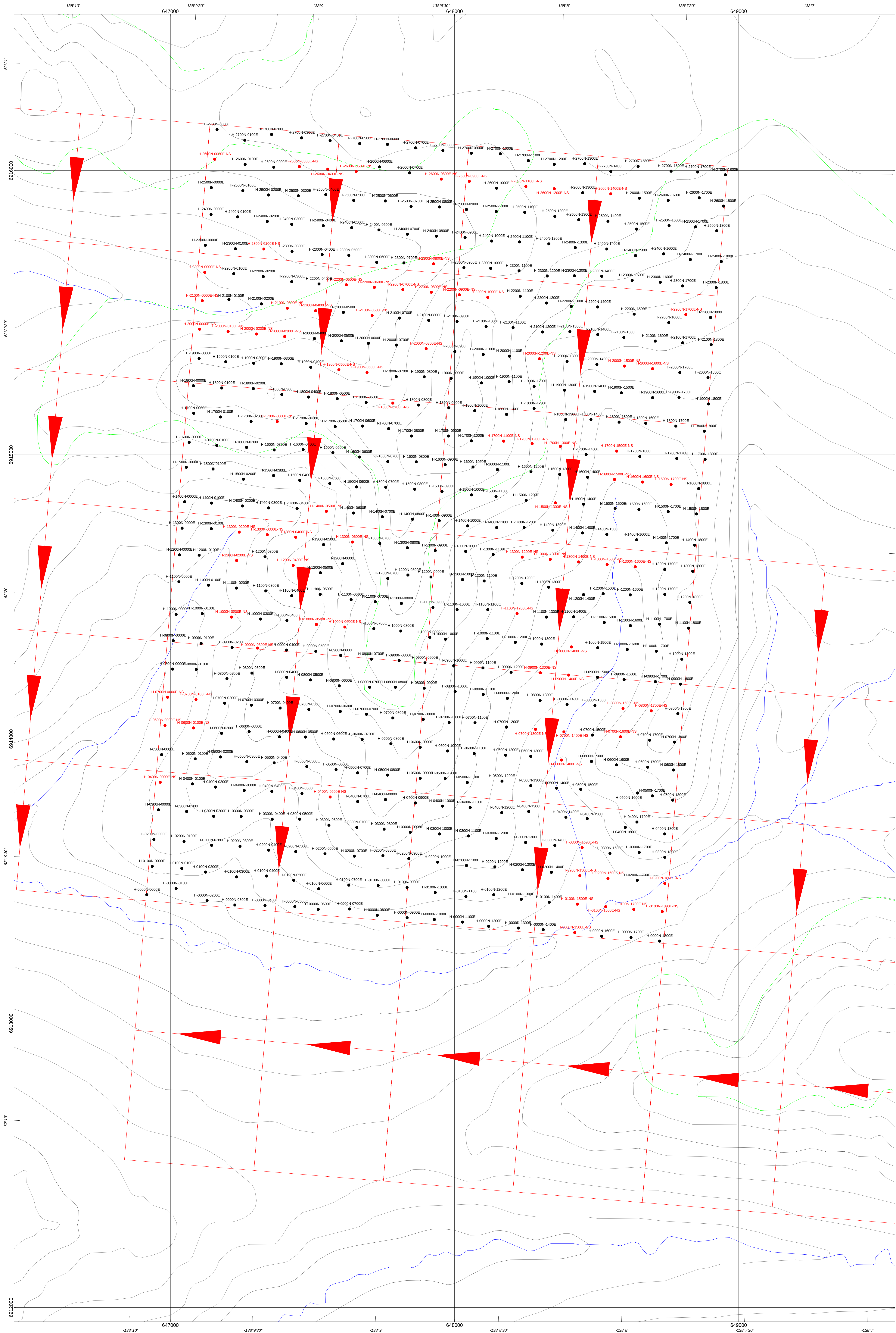


Figure 14 - Buchanan Hot Spring Model

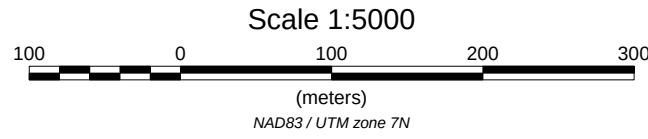
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- Kerr Addison Mines Limited. Geology and VLF Geophysics over Shadow 1-24 claims. DATE: 1988. LONG/LAT: (W13809'/N6220'). CLAIM NAME(S): Shadow. YGS MINFILE # 92574. by L. Grexton.



● Soil Sample Location
H-2600N-0200E

● No Sample Taken
H-2600N-0300E-NS



NOKUYUKON HOLDINGS LTD.

**HAY PROPERTY
SOIL SAMPLING LOCATION MAP**

YUKON TERRITORY, CANADA
NTS: 115 J08
MAP NAME: Hay Final Soil Sampling.map DRAWN BY / DATE: PJ / JULY 1, 2010

AURORA GEOSCIENCES LTD.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Nokuyukon Holdings Inc.**

110 Falcon Dr.

Whitehorse YT Y1A 6C7 Canada

Submitted By: Mark Lindsay

Receiving Lab: Canada-Whitehorse

Received: July 28, 2010

Report Date: August 09, 2010

Page: 1 of 13

CERTIFICATE OF ANALYSIS

WHI10000151.1

CLIENT JOB INFORMATION

Project: NHL-10551-YT-HAY
Shipment ID: Hay Grid -1
P.O. Number
Number of Samples: 360

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Nokuyukon Holdings Inc.
110 Falcon Dr.
Whitehorse YT Y1A 6C7
Canada

CC: Phil Jackson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	360	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	360	Dry at 60C			WHI
1DX2	305	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SPLP	51	Sort, label and box pulps			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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110 Falcon Dr.
Whitehorse YT Y1A 6C7 Canada

Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

WHI10000151.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
H L00N 00E	Soil	1.5	14.5	16.7	46	0.1	15.6	9.9	807	2.34	5.7	0.8	1.7	4.0	22	0.2	0.6	0.2	51	0.21	0.018
H L00N 01E	Soil	1.4	29.5	30.0	55	0.3	19.4	9.3	433	2.80	12.2	3.6	6.4	15.1	34	<0.1	0.7	1.1	55	0.37	0.039
H L00N 02E	Soil	1.2	16.8	26.1	79	0.3	14.8	11.2	526	3.59	7.7	0.7	2.3	11.5	21	0.2	0.5	0.9	64	0.16	0.027
H L00N 03E	Soil	1.8	18.2	11.6	54	<0.1	25.1	9.9	370	2.93	10.0	0.7	3.1	4.3	26	0.1	0.5	0.2	64	0.36	0.046
H L00N 04E	Soil	1.8	27.1	17.4	61	<0.1	22.9	15.0	701	3.42	9.3	0.8	1.2	6.8	30	0.1	0.8	0.4	61	0.41	0.085
H L00N 05E	Soil	0.7	21.8	15.2	55	0.1	18.9	9.3	303	2.55	5.7	0.7	4.2	4.2	41	<0.1	0.6	0.3	43	0.66	0.075
H L00N 06E	Soil	0.7	29.7	11.3	64	0.1	39.5	13.3	530	3.21	9.9	0.7	4.0	3.5	60	0.2	0.5	0.2	77	0.74	0.099
H L00N 07E	Soil	0.9	30.7	12.8	60	0.2	38.7	13.7	481	3.44	9.7	1.0	2.6	5.0	50	<0.1	0.5	0.2	81	0.67	0.074
H L00N 08E	Soil	0.9	17.5	25.1	51	<0.1	25.0	11.0	422	2.78	6.9	0.5	3.3	3.9	25	0.2	0.5	0.2	65	0.37	0.030
H L00N 09E	Soil	0.5	24.6	22.1	85	<0.1	34.8	11.5	496	3.25	7.4	0.8	2.5	7.4	34	0.1	0.6	0.4	69	0.46	0.042
H L00N 10E	Soil	2.7	32.7	29.6	124	0.4	50.9	12.8	703	2.87	24.9	4.9	9.7	4.5	61	0.5	2.2	0.2	59	0.86	0.116
H L00N 11E	Soil	1.9	19.7	18.0	60	<0.1	25.6	9.1	283	2.82	11.0	1.0	2.2	6.6	26	0.1	0.7	0.2	64	0.33	0.024
H L00N 12E	Soil	0.8	17.3	13.1	66	<0.1	18.4	12.3	590	3.79	8.7	1.0	1.3	10.6	27	<0.1	0.5	0.2	83	0.27	0.038
H L00N 13E	Soil	1.4	17.6	22.8	69	0.2	19.0	10.2	437	3.15	6.7	1.3	1.3	7.5	33	0.2	0.6	0.4	71	0.43	0.032
H L00N 14E	Soil	0.5	26.4	9.7	73	<0.1	39.0	11.3	202	2.42	2.9	1.8	2.7	3.4	66	0.2	0.3	0.1	66	0.84	0.111
H L00N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L00N 16E	Soil	1.5	11.9	14.2	41	0.2	10.0	3.4	226	1.05	1.8	1.1	1.4	1.1	17	0.2	0.2	0.2	30	0.17	0.058
H L00N 17E	Soil	1.4	15.5	41.7	87	0.2	15.0	7.1	330	1.69	3.0	1.4	2.9	5.1	22	0.2	0.4	0.4	44	0.29	0.062
H L00N 18E	Soil	0.8	10.4	17.6	48	0.1	8.0	2.9	150	0.94	1.9	1.0	1.0	1.9	15	0.2	0.2	0.2	22	0.15	0.034
H L01N 00E	Soil	1.1	19.0	22.0	47	0.1	19.8	10.8	325	2.71	9.9	1.3	1.5	6.9	30	0.2	0.6	0.5	54	0.18	0.025
H L01N 01E	Soil	2.0	20.7	42.2	54	0.4	9.7	8.3	507	2.76	10.9	2.3	<0.5	16.1	24	<0.1	0.8	1.4	39	0.16	0.032
H L01N 02E	Soil	4.4	14.9	21.6	67	<0.1	18.1	9.7	492	2.55	15.4	0.8	2.2	4.4	24	0.3	1.5	0.3	50	0.21	0.024
H L01N 03E	Soil	2.6	25.6	13.8	69	0.2	29.9	12.1	322	3.31	15.6	1.3	3.1	3.5	59	0.3	0.8	0.2	62	0.93	0.114
H L01N 04E	Soil	0.9	30.0	12.5	62	0.2	35.9	11.2	298	2.58	7.3	1.3	2.1	2.7	63	0.2	0.7	0.2	53	1.08	0.106
H L01N 05E	Soil	1.3	18.0	8.8	47	<0.1	25.4	9.5	261	2.56	10.0	0.4	1.6	1.8	30	0.1	0.5	0.2	58	0.41	0.048
H L01N 06E	Soil	1.6	28.0	10.7	54	<0.1	35.3	12.6	570	3.05	12.4	1.0	0.9	2.6	53	0.2	0.5	0.2	59	0.70	0.061
H L01N 07E	Soil	1.1	18.5	14.5	55	<0.1	31.8	11.9	349	3.08	8.4	0.7	0.7	4.0	27	0.2	0.5	0.2	74	0.28	0.024
H L01N 08E	Soil	0.5	26.7	12.8	78	<0.1	76.7	22.8	807	4.81	5.7	0.6	2.5	4.0	40	0.1	0.6	0.2	120	0.51	0.072
H L01N 09E	Soil	1.1	17.1	30.6	78	<0.1	29.1	9.0	266	2.84	6.7	0.7	1.4	5.4	24	0.1	0.7	0.3	63	0.25	0.013
H L01N 10E	Soil	1.0	29.1	41.0	104	0.1	22.2	10.2	487	2.72	8.5	0.9	5.2	6.1	35	0.3	0.7	0.4	61	0.50	0.052



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

WHI10000151.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L00N 00E	Soil	11	27	0.38	143	0.033	1	1.50	0.018	0.12	0.1	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
H L00N 01E	Soil	36	33	0.59	189	0.046	1	2.00	0.016	0.14	0.2	0.03	5.9	0.1	<0.05	5	<0.5	<0.2
H L00N 02E	Soil	12	24	0.63	138	0.036	<1	2.58	0.012	0.18	0.4	0.02	3.8	0.1	<0.05	8	<0.5	<0.2
H L00N 03E	Soil	16	42	0.73	142	0.073	2	2.01	0.015	0.10	0.3	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
H L00N 04E	Soil	24	47	0.84	167	0.020	<1	1.89	0.011	0.13	0.1	0.01	4.1	0.1	<0.05	5	<0.5	0.3
H L00N 05E	Soil	23	36	0.64	257	0.022	1	1.63	0.018	0.18	0.2	0.02	4.5	0.2	<0.05	4	<0.5	<0.2
H L00N 06E	Soil	17	86	1.42	157	0.076	2	2.19	0.031	0.11	0.2	0.02	7.4	<0.1	<0.05	6	<0.5	0.5
H L00N 07E	Soil	19	75	1.24	174	0.117	1	2.49	0.020	0.12	0.2	0.04	8.0	0.1	<0.05	7	<0.5	<0.2
H L00N 08E	Soil	9	49	0.70	101	0.051	<1	2.07	0.017	0.07	0.2	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
H L00N 09E	Soil	22	65	1.04	117	0.055	<1	2.36	0.028	0.09	0.2	0.02	5.1	<0.1	<0.05	7	<0.5	<0.2
H L00N 10E	Soil	35	91	1.20	94	0.016	<1	2.09	0.017	0.11	0.2	0.42	5.7	0.2	<0.05	7	0.8	<0.2
H L00N 11E	Soil	21	41	0.62	150	0.083	2	2.01	0.019	0.09	0.2	0.05	4.0	<0.1	<0.05	6	0.6	<0.2
H L00N 12E	Soil	22	29	0.98	144	0.079	<1	2.77	0.020	0.15	0.2	0.02	5.2	0.1	<0.05	10	<0.5	<0.2
H L00N 13E	Soil	16	36	0.69	136	0.086	1	2.18	0.013	0.14	0.2	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
H L00N 14E	Soil	18	63	0.94	158	0.059	2	1.79	0.041	0.06	0.1	0.03	5.8	<0.1	0.05	5	<0.5	<0.2
H L00N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L00N 16E	Soil	17	19	0.16	51	0.039	<1	0.70	0.033	0.04	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
H L00N 17E	Soil	24	28	0.46	84	0.076	<1	1.44	0.020	0.07	1.1	0.06	2.7	<0.1	<0.05	5	<0.5	<0.2
H L00N 18E	Soil	17	14	0.19	52	0.038	<1	0.77	0.028	0.05	0.6	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
H L01N 00E	Soil	13	28	0.50	240	0.058	2	1.85	0.023	0.12	0.1	0.01	2.8	<0.1	0.07	5	<0.5	<0.2
H L01N 01E	Soil	16	16	0.31	165	0.007	1	1.72	0.016	0.16	0.8	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
H L01N 02E	Soil	16	29	0.39	113	0.060	1	1.19	0.012	0.10	0.3	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
H L01N 03E	Soil	23	59	1.00	144	0.022	2	1.99	0.017	0.08	0.2	0.06	4.9	<0.1	0.07	6	<0.5	<0.2
H L01N 04E	Soil	21	63	0.97	150	0.042	2	2.11	0.020	0.10	0.1	0.06	5.8	0.1	0.06	6	0.6	<0.2
H L01N 05E	Soil	7	45	0.60	100	0.052	<1	1.66	0.020	0.08	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
H L01N 06E	Soil	18	52	0.74	184	0.038	2	2.12	0.024	0.12	0.2	0.03	5.5	0.1	<0.05	6	<0.5	<0.2
H L01N 07E	Soil	10	59	0.82	135	0.072	<1	2.39	0.023	0.07	<0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
H L01N 08E	Soil	18	183	3.33	119	0.021	1	4.35	0.011	0.13	<0.1	0.01	8.9	<0.1	<0.05	13	<0.5	0.2
H L01N 09E	Soil	13	57	0.91	84	0.051	<1	2.24	0.015	0.08	0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
H L01N 10E	Soil	26	48	0.78	115	0.072	2	1.87	0.024	0.10	0.2	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
H L01N 11E	Soil	1.2	26.7	15.3	62	0.1	28.9	12.5	429	3.53	9.1	1.0	2.6	8.4	30	0.1	0.6	0.3	79	0.32	0.020
H L01N 12E	Soil	1.8	26.1	20.9	70	0.2	26.3	11.4	386	3.15	9.8	1.2	2.1	8.8	30	0.1	0.6	0.3	71	0.32	0.016
H L01N 13E	Soil	1.8	12.2	23.1	64	<0.1	13.5	4.8	247	2.39	4.3	1.6	2.2	3.7	16	0.2	0.8	0.3	52	0.13	0.026
H L01N 14E	Soil	1.0	25.8	26.3	63	<0.1	31.6	10.0	344	2.96	9.0	1.0	2.8	13.1	36	0.2	0.5	0.2	75	0.30	0.013
H L01N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L01N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L01N 17E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L01N 18E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L02N 00E	Soil	2.5	26.3	28.8	64	0.4	29.5	12.6	510	3.41	9.4	1.8	2.0	9.0	21	0.4	0.6	0.9	64	0.18	0.047
H L02N 01E	Soil	1.3	19.5	11.5	58	0.1	26.9	11.3	374	3.37	11.7	0.9	2.0	4.3	27	0.2	0.5	0.2	71	0.25	0.024
H L02N 02E	Soil	1.3	16.1	10.9	50	<0.1	21.9	9.5	346	2.65	15.6	0.6	2.9	4.8	23	0.1	0.6	0.2	55	0.36	0.058
H L02N 03E	Soil	4.7	18.5	14.7	51	0.1	18.8	9.6	525	3.01	10.2	0.8	3.0	6.0	34	0.2	0.6	0.3	56	0.45	0.045
H L02N 04E	Soil	0.7	28.6	8.5	52	0.2	26.5	9.8	399	2.14	4.4	0.8	2.0	1.7	60	0.2	0.4	0.1	47	0.96	0.079
H L02N 05E	Soil	1.5	31.0	12.7	74	0.2	36.9	11.7	430	3.10	9.5	0.8	2.5	2.7	50	0.2	0.6	0.2	63	0.87	0.101
H L02N 06E	Soil	0.9	30.3	11.5	57	0.2	34.7	11.0	519	2.79	6.4	0.8	4.5	2.9	45	0.2	0.4	0.2	62	0.71	0.080
H L02N 07E	Soil	1.0	30.3	11.6	67	<0.1	71.4	16.2	556	3.82	7.2	0.6	1.9	3.3	54	0.2	0.5	0.2	90	0.58	0.075
H L02N 08E	Soil	1.1	24.6	11.7	61	0.1	35.6	12.1	410	3.68	11.3	0.5	1.0	2.9	36	0.1	0.5	0.2	86	0.42	0.036
H L02N 09E	Soil	1.1	30.8	26.3	95	<0.1	30.8	12.8	597	3.42	8.0	0.7	0.8	5.4	32	0.2	0.6	0.3	76	0.49	0.068
H L02N 10E	Soil	1.2	42.1	24.2	96	0.5	32.8	13.1	661	2.91	12.3	1.3	2.5	2.6	69	0.3	0.9	0.3	68	1.35	0.097
H L02N 11E	Soil	2.4	21.7	21.3	79	<0.1	24.9	10.7	443	3.10	12.5	0.9	3.7	7.2	28	0.2	1.0	0.3	69	0.36	0.030
H L02N 12E	Soil	1.7	16.0	20.2	73	<0.1	18.9	7.7	338	2.64	7.9	0.8	1.4	4.6	18	0.3	0.7	0.3	59	0.20	0.020
H L02N 13E	Soil	2.5	19.2	58.9	75	<0.1	12.0	6.0	266	3.07	7.6	0.7	0.6	2.7	16	0.4	1.5	0.4	74	0.13	0.025
H L02N 14E	Soil	1.4	17.7	15.4	57	<0.1	23.0	7.6	283	2.57	7.1	0.8	2.3	4.7	22	0.2	0.6	0.2	61	0.25	0.018
H L02N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L02N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L02N 17E	Soil	2.5	21.7	25.2	73	0.1	20.7	9.1	413	2.83	7.1	0.7	2.1	4.3	29	0.3	0.3	0.3	67	0.33	0.021
H L02N 18E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L03N 00E	Soil	0.8	9.6	5.2	17	0.1	4.2	2.0	78	0.84	1.9	0.5	12.5	0.2	13	<0.1	0.2	<0.1	28	0.11	0.026
H L03N 01E	Soil	1.0	20.5	9.8	58	<0.1	24.7	11.1	341	3.19	12.8	0.5	1.3	3.3	19	0.3	0.5	0.2	69	0.18	0.033
H L03N 02E	Soil	1.3	25.2	12.2	58	<0.1	33.4	13.3	435	3.29	22.0	0.5	1.9	4.2	22	0.1	0.6	0.2	70	0.24	0.024



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L01N 11E	Soil	18	41	0.78	224	0.106	1	2.81	0.019	0.08	0.1	0.02	5.0	0.1	<0.05	8	<0.5	<0.2
H L01N 12E	Soil	16	39	0.70	159	0.103	1	2.47	0.020	0.12	0.2	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
H L01N 13E	Soil	14	23	0.34	111	0.029	<1	1.70	0.018	0.06	0.3	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
H L01N 14E	Soil	35	48	0.73	143	0.118	1	2.39	0.021	0.08	0.2	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
H L01N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L01N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L01N 17E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L01N 18E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L02N 00E	Soil	12	45	0.52	222	0.038	<1	2.75	0.014	0.08	0.2	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
H L02N 01E	Soil	47	42	0.58	176	0.068	<1	2.72	0.016	0.07	0.2	0.02	6.1	<0.1	<0.05	7	<0.5	<0.2
H L02N 02E	Soil	16	35	0.57	115	0.059	2	1.41	0.014	0.08	0.2	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
H L02N 03E	Soil	25	32	0.53	156	0.028	<1	1.62	0.014	0.13	0.2	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
H L02N 04E	Soil	18	46	0.72	155	0.039	2	1.86	0.024	0.07	0.1	0.04	4.1	<0.1	0.05	6	<0.5	<0.2
H L02N 05E	Soil	24	66	1.01	126	0.041	2	1.94	0.018	0.11	0.1	0.07	7.0	0.1	<0.05	6	<0.5	<0.2
H L02N 06E	Soil	21	57	0.93	159	0.048	1	2.00	0.023	0.07	0.2	0.03	6.2	<0.1	<0.05	6	<0.5	<0.2
H L02N 07E	Soil	14	129	1.82	168	0.050	1	3.02	0.017	0.06	0.1	0.02	6.4	<0.1	<0.05	9	<0.5	<0.2
H L02N 08E	Soil	8	53	0.89	151	0.068	1	2.79	0.016	0.08	0.2	0.01	4.3	0.1	<0.05	7	<0.5	<0.2
H L02N 09E	Soil	25	64	1.00	123	0.080	<1	2.12	0.023	0.10	0.2	0.01	5.6	0.1	<0.05	7	<0.5	<0.2
H L02N 10E	Soil	38	72	0.93	137	0.032	2	2.21	0.019	0.10	0.2	0.21	5.5	0.1	0.06	7	<0.5	<0.2
H L02N 11E	Soil	16	44	0.67	183	0.063	<1	2.19	0.016	0.09	0.2	0.07	4.6	0.2	<0.05	6	<0.5	<0.2
H L02N 12E	Soil	10	31	0.48	133	0.048	<1	2.08	0.012	0.09	0.2	0.02	2.5	<0.1	<0.05	7	<0.5	<0.2
H L02N 13E	Soil	8	23	0.30	91	0.033	<1	1.74	0.011	0.05	0.6	0.02	2.1	<0.1	<0.05	9	<0.5	<0.2
H L02N 14E	Soil	15	34	0.48	135	0.070	<1	1.76	0.018	0.07	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
H L02N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L02N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L02N 17E	Soil	10	38	0.51	164	0.067	<1	1.89	0.019	0.08	0.3	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
H L02N 18E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L03N 00E	Soil	6	9	0.06	59	0.031	2	0.61	0.022	0.04	<0.1	0.02	0.6	<0.1	<0.05	3	<0.5	<0.2
H L03N 01E	Soil	8	35	0.55	166	0.069	1	2.13	0.012	0.07	0.2	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
H L03N 02E	Soil	10	57	0.73	139	0.047	1	2.18	0.014	0.11	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
H L03N 03E	Soil	1.2	19.7	13.1	60	<0.1	32.2	12.9	401	3.58	14.7	0.4	0.7	2.7	27	0.3	0.6	0.2	74	0.29	0.027
H L03N 04E	Soil	0.9	29.3	10.2	66	<0.1	31.2	9.9	411	2.82	7.2	0.9	3.0	2.8	44	0.2	0.5	0.2	64	0.64	0.085
H L03N 05E	Soil	0.5	18.5	6.8	36	<0.1	16.7	6.7	271	1.91	4.4	0.5	1.2	1.6	25	0.1	0.3	0.1	47	0.30	0.043
H L03N 06E	Soil	1.0	27.2	11.7	64	<0.1	36.1	13.5	561	3.69	9.1	0.7	2.9	4.2	37	0.1	0.5	0.2	90	0.46	0.052
H L03N 07E	Soil	1.0	19.8	6.1	34	<0.1	12.5	6.8	446	1.85	4.2	0.4	2.2	0.8	28	0.1	0.3	0.1	55	0.34	0.036
H L03N 08E	Soil	0.8	20.8	7.3	56	0.2	25.0	10.9	423	2.92	7.6	0.5	1.4	2.8	30	0.1	0.4	0.2	71	0.35	0.030
H L03N 09E	Soil	0.7	13.5	12.6	55	<0.1	14.8	6.4	232	1.95	4.7	0.5	3.6	2.8	20	0.2	0.3	0.2	44	0.24	0.031
H L03N 10E	Soil	2.1	16.1	18.7	87	<0.1	23.0	9.0	349	2.85	13.8	0.6	2.8	2.6	24	0.2	0.9	0.3	66	0.28	0.024
H L03N 11E	Soil	1.8	22.9	18.1	70	0.1	27.4	9.4	465	2.86	14.3	0.7	2.7	4.7	23	0.2	0.8	0.2	68	0.31	0.043
H L03N 12E	Soil	3.5	17.0	20.0	78	<0.1	19.9	8.6	423	2.65	14.0	0.7	3.2	3.5	24	0.2	0.9	0.2	61	0.30	0.033
H L03N 13E	Soil	2.4	20.8	14.4	54	0.4	10.7	4.3	276	1.39	6.1	0.9	2.8	1.9	22	0.2	0.5	0.2	32	0.29	0.044
H L03N 14E	Soil	3.6	30.0	31.0	110	0.3	19.7	6.8	399	2.54	11.7	2.1	5.9	5.9	33	0.5	1.1	0.4	53	0.46	0.055
H L03N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L03N 16E	Soil	1.3	17.1	21.6	58	<0.1	17.6	8.7	281	2.67	6.5	0.6	1.3	2.6	24	0.3	0.3	0.3	62	0.23	0.034
H L03N 17E	Soil	1.4	16.8	10.9	47	<0.1	15.9	7.7	352	2.16	5.4	0.5	0.8	2.0	24	0.2	0.3	0.2	51	0.25	0.035
H L03N 18E	Soil	1.4	15.2	9.7	41	0.3	14.2	6.0	215	1.99	5.4	0.5	0.8	1.7	21	0.1	0.2	0.2	52	0.23	0.032
H L04N 00E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L04N 01E	Soil	3.0	18.8	12.1	69	<0.1	23.7	12.9	478	3.16	14.1	0.5	4.7	1.7	19	0.3	0.6	0.1	68	0.20	0.061
H L04N 02E	Soil	1.3	15.8	9.5	37	0.1	19.2	7.5	190	2.97	7.5	0.5	1.2	2.1	21	<0.1	0.4	0.2	79	0.21	0.022
H L04N 03E	Soil	0.7	18.3	7.5	48	<0.1	39.6	11.8	305	3.04	6.2	0.6	<0.5	2.4	30	0.1	0.3	0.2	68	0.34	0.024
H L04N 04E	Soil	0.7	19.3	8.5	48	<0.1	26.1	9.7	329	2.78	6.7	0.7	2.9	2.5	43	0.2	0.3	0.1	60	0.47	0.033
H L04N 05E	Soil	1.3	13.3	9.9	36	<0.1	14.0	5.5	183	2.19	5.4	0.4	<0.5	1.5	14	<0.1	0.3	0.2	71	0.13	0.024
H L04N 06E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L04N 07E	Soil	1.1	19.2	6.6	43	<0.1	19.9	11.7	248	3.34	7.4	0.6	0.9	1.9	33	0.2	0.4	0.1	87	0.28	0.050
H L04N 08E	Soil	0.7	16.1	17.7	56	<0.1	15.1	5.5	193	1.89	7.2	0.7	1.5	1.8	20	0.4	0.3	0.2	53	0.24	0.040
H L04N 09E	Soil	0.8	29.8	9.0	64	<0.1	60.9	16.5	599	3.69	10.2	0.6	1.3	2.7	39	0.2	0.5	0.2	97	0.58	0.072
H L04N 10E	Soil	1.3	19.5	14.9	57	0.2	19.2	6.6	281	2.06	16.4	0.7	3.4	1.4	30	0.1	0.6	0.2	49	0.42	0.055
H L04N 11E	Soil	4.2	23.1	30.8	78	0.2	24.6	8.4	490	2.15	34.9	1.0	8.8	2.0	28	0.3	2.9	0.2	47	0.32	0.065
H L04N 12E	Soil	2.3	15.9	15.2	55	<0.1	17.0	7.2	270	2.03	13.5	0.6	1.4	3.7	21	0.2	0.9	0.1	48	0.30	0.045
H L04E 13E	Soil	3.2	11.3	19.0	47	<0.1	8.6	5.2	304	1.63	9.1	0.6	0.8	1.8	17	0.2	0.6	0.2	47	0.18	0.028



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L03N 03E	Soil	10	65	0.86	131	0.045	1	1.98	0.013	0.10	0.1	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
H L03N 04E	Soil	21	55	0.93	164	0.066	1	2.01	0.019	0.09	0.2	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
H L03N 05E	Soil	13	32	0.55	116	0.043	2	1.50	0.024	0.07	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
H L03N 06E	Soil	14	78	1.23	164	0.091	2	2.74	0.018	0.10	0.2	0.01	6.6	<0.1	<0.05	8	<0.5	<0.2
H L03N 07E	Soil	7	28	0.40	113	0.048	<1	1.32	0.024	0.06	0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
H L03N 08E	Soil	8	46	0.65	158	0.070	<1	2.11	0.018	0.05	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
H L03N 09E	Soil	12	32	0.51	93	0.044	1	1.51	0.017	0.08	0.2	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
H L03N 10E	Soil	10	44	0.60	124	0.053	<1	1.91	0.013	0.09	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
H L03N 11E	Soil	26	48	0.66	115	0.060	1	1.90	0.014	0.10	0.2	0.18	4.0	0.2	<0.05	7	<0.5	<0.2
H L03N 12E	Soil	16	37	0.59	120	0.050	1	1.72	0.013	0.09	0.2	0.05	3.1	0.1	<0.05	6	<0.5	<0.2
H L03N 13E	Soil	31	18	0.22	126	0.017	<1	1.36	0.026	0.10	<0.1	0.12	2.1	0.1	<0.05	5	<0.5	<0.2
H L03N 14E	Soil	77	34	0.52	173	0.031	2	2.00	0.018	0.13	0.2	0.15	4.6	0.2	<0.05	6	<0.5	<0.2
H L03N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L03N 16E	Soil	10	30	0.47	125	0.066	2	2.02	0.013	0.08	0.3	0.02	2.4	<0.1	<0.05	7	<0.5	<0.2
H L03N 17E	Soil	9	25	0.42	115	0.064	2	1.54	0.017	0.07	0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
H L03N 18E	Soil	10	23	0.36	125	0.057	<1	1.46	0.019	0.06	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
H L04N 00E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L04N 01E	Soil	8	34	0.47	125	0.060	2	2.16	0.013	0.07	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
H L04N 02E	Soil	9	43	0.55	103	0.073	<1	1.98	0.011	0.05	<0.1	0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
H L04N 03E	Soil	9	58	0.80	153	0.061	1	1.99	0.012	0.10	<0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
H L04N 04E	Soil	15	44	0.71	170	0.058	2	1.99	0.019	0.06	0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
H L04N 05E	Soil	8	33	0.42	61	0.060	<1	1.33	0.014	0.05	0.1	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
H L04N 06E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L04N 07E	Soil	8	43	0.73	110	0.097	1	2.55	0.016	0.06	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
H L04N 08E	Soil	18	29	0.45	94	0.057	1	1.60	0.013	0.08	<0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
H L04N 09E	Soil	10	104	1.49	188	0.092	2	2.72	0.016	0.08	0.1	0.01	5.6	<0.1	<0.05	8	<0.5	<0.2
H L04N 10E	Soil	24	38	0.46	105	0.036	2	1.48	0.024	0.07	0.1	0.10	3.0	0.1	<0.05	5	<0.5	<0.2
H L04N 11E	Soil	22	42	0.44	110	0.035	2	1.36	0.017	0.10	0.2	0.36	3.1	0.2	<0.05	5	<0.5	<0.2
H L04N 12E	Soil	16	30	0.44	80	0.060	<1	1.20	0.014	0.08	0.2	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
H L04E 13E	Soil	11	18	0.23	76	0.050	<1	1.13	0.018	0.07	0.2	0.03	1.7	0.1	<0.05	5	<0.5	<0.2



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
H L04N 14E	Soil	1.2	25.3	15.7	65	0.3	20.4	7.0	220	1.68	5.8	5.6	3.0	2.1	119	0.3	0.6	0.2	42	0.80	0.086
H L04N 15E	Soil	0.9	20.2	22.8	80	0.4	15.6	6.7	434	2.42	7.6	1.3	0.7	2.9	34	0.2	0.6	0.3	54	0.49	0.052
H L04N 16E	Soil	0.6	13.1	9.5	40	0.1	12.6	6.5	328	1.86	3.5	0.5	0.9	1.1	24	0.2	0.2	0.1	48	0.28	0.040
H L04N 17E	Soil	1.1	21.2	13.5	56	0.1	22.0	10.1	541	2.84	6.8	0.7	1.1	2.6	33	0.2	0.3	0.2	73	0.39	0.034
H L04 18E	Soil	1.2	21.4	20.9	53	0.2	27.2	10.0	263	2.85	9.7	0.5	0.8	4.5	28	0.1	0.4	0.2	69	0.23	0.019
H L05N 00E	Soil	1.3	22.2	9.5	60	0.1	32.8	10.3	367	2.80	19.3	1.0	3.4	2.2	61	<0.1	0.8	0.1	53	0.82	0.109
H L05N 01E	Soil	0.3	4.2	1.9	8	<0.1	2.9	1.3	45	0.50	1.0	0.2	<0.5	0.3	12	<0.1	<0.1	<0.1	15	0.07	0.012
H L05N 02E	Soil	1.0	16.3	8.4	43	<0.1	25.4	8.4	326	2.43	4.6	0.4	0.8	1.0	30	0.2	0.4	0.2	72	0.31	0.050
H L05N 03E	Soil	0.7	9.8	5.6	27	<0.1	14.2	4.9	192	1.73	4.1	0.2	0.8	1.1	18	<0.1	0.3	<0.1	46	0.16	0.017
H L05N 04E	Soil	1.3	21.6	7.4	47	<0.1	49.0	13.6	640	3.08	4.5	0.7	1.4	1.8	35	0.1	0.5	0.1	86	0.45	0.081
H L05N 05E	Soil	0.9	20.6	19.9	70	<0.1	26.8	11.7	362	3.30	7.9	0.8	<0.5	4.4	26	0.2	0.4	0.2	77	0.28	0.022
H L05 06E	Soil	0.8	21.1	16.1	67	0.2	23.9	6.9	360	1.89	5.9	1.1	1.5	1.6	44	0.2	0.4	0.2	46	0.61	0.070
H L05N 07E	Soil	1.0	17.9	14.8	60	<0.1	26.6	8.9	388	2.29	6.5	0.8	<0.5	1.7	21	0.3	0.3	0.2	63	0.25	0.061
H L05N 08E	Soil	0.9	21.7	13.7	54	<0.1	49.2	16.1	392	3.37	8.2	0.5	1.6	2.8	20	0.3	0.4	0.2	80	0.25	0.051
H L05N 09E	Soil	0.9	21.7	9.9	53	0.1	25.1	11.6	423	2.80	8.6	0.6	0.8	2.1	31	0.2	0.4	0.2	70	0.44	0.059
H L05N 10E	Soil	1.2	20.7	10.7	51	0.1	22.3	8.8	540	2.60	25.2	0.6	1.6	1.5	31	0.2	0.7	0.2	70	0.37	0.038
H L05N 11E	Soil	2.4	15.0	12.4	58	<0.1	23.8	8.8	325	2.35	26.1	0.6	4.6	2.3	24	0.1	1.5	0.1	57	0.28	0.037
H L05N 12E	Soil	3.8	17.8	27.8	84	0.1	21.2	7.5	396	2.26	21.7	1.1	6.0	4.9	25	0.2	2.2	0.2	53	0.37	0.058
H L05N 13E	Soil	3.0	16.0	25.5	74	0.1	15.6	6.6	356	2.06	16.4	0.8	4.8	3.7	23	0.2	1.7	0.3	43	0.30	0.048
H L05N 14E	Soil	1.0	23.8	17.8	71	0.4	25.0	7.1	419	1.80	6.5	5.0	5.2	1.9	140	0.3	0.6	0.3	39	0.86	0.079
H L05N 15E	Soil	1.4	13.6	21.5	76	<0.1	18.0	7.6	290	2.91	14.1	0.6	2.1	2.9	19	0.3	0.7	0.3	63	0.19	0.023
H L05N 16E	Soil	0.9	13.6	8.7	35	0.2	14.5	7.1	377	1.98	4.9	0.4	<0.5	1.0	22	0.1	0.2	0.2	48	0.23	0.038
H L05N 17E	Soil	0.9	18.9	10.8	54	<0.1	23.5	9.8	406	2.88	8.5	0.5	<0.5	2.2	23	0.2	0.3	0.3	67	0.28	0.048
H L05N 18E	Soil	0.7	15.0	19.2	57	<0.1	21.1	7.6	286	2.22	5.1	0.5	0.8	2.7	28	0.2	0.3	0.3	51	0.28	0.021
H L06N 00E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	
H L06N 01E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	
H L06N 02E	Soil	0.5	8.7	3.6	18	<0.1	8.0	3.6	235	1.11	2.2	0.3	1.6	0.1	28	<0.1	0.2	<0.1	33	0.31	0.041
H L06N 03E	Soil	1.5	19.5	6.6	53	<0.1	29.3	10.0	343	3.29	5.1	0.3	6.3	1.2	22	0.1	0.6	0.1	91	0.25	0.031
H L06N 04E	Soil	1.2	21.2	13.9	55	0.1	25.0	10.5	402	3.14	8.6	0.6	1.0	4.1	29	0.1	0.5	0.2	68	0.34	0.033
H L06N 05E	Soil	0.5	18.5	7.5	37	0.1	16.3	6.9	282	1.91	4.0	0.5	<0.5	1.5	39	<0.1	0.2	0.1	48	0.50	0.056



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Report Date: August 09, 2010

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L04N 14E	Soil	48	39	0.54	129	0.039	2	1.73	0.027	0.07	<0.1	0.08	3.5	<0.1	0.07	5	0.6	<0.2
H L04N 15E	Soil	33	29	0.48	125	0.046	<1	1.99	0.021	0.08	0.3	0.05	3.3	<0.1	<0.05	8	<0.5	<0.2
H L04N 16E	Soil	13	23	0.36	98	0.058	2	1.29	0.022	0.06	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
H L04N 17E	Soil	19	41	0.58	153	0.088	2	2.12	0.019	0.07	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
H L04 18E	Soil	10	39	0.57	110	0.095	2	2.20	0.014	0.08	0.3	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
H L05N 00E	Soil	14	58	0.73	165	0.025	<1	1.61	0.020	0.15	0.2	0.04	6.0	0.1	<0.05	5	<0.5	<0.2
H L05N 01E	Soil	2	6	0.06	37	0.026	<1	0.46	0.029	0.03	<0.1	0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
H L05N 02E	Soil	8	48	0.68	155	0.051	<1	1.63	0.019	0.07	<0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
H L05N 03E	Soil	7	27	0.34	84	0.052	<1	1.16	0.026	0.06	<0.1	<0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
H L05N 04E	Soil	10	106	1.82	127	0.034	2	2.43	0.016	0.09	0.2	0.02	5.4	<0.1	<0.05	8	<0.5	<0.2
H L05N 05E	Soil	10	62	0.93	122	0.062	1	2.53	0.012	0.08	<0.1	0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
H L05 06E	Soil	43	44	0.59	112	0.031	1	1.71	0.029	0.08	0.1	0.05	3.4	<0.1	<0.05	5	<0.5	<0.2
H L05N 07E	Soil	23	47	0.60	98	0.054	2	1.58	0.019	0.06	<0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
H L05N 08E	Soil	8	63	0.85	154	0.094	2	2.83	0.014	0.08	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
H L05N 09E	Soil	22	46	0.68	136	0.075	2	1.99	0.020	0.09	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
H L05N 10E	Soil	23	45	0.47	146	0.064	<1	1.76	0.022	0.07	0.1	0.06	3.7	0.1	<0.05	7	<0.5	<0.2
H L05N 11E	Soil	16	42	0.54	114	0.057	1	1.57	0.015	0.09	0.1	0.11	2.9	0.2	<0.05	6	<0.5	<0.2
H L05N 12E	Soil	26	39	0.52	84	0.068	<1	1.27	0.019	0.09	0.2	0.10	3.0	0.2	<0.05	5	<0.5	<0.2
H L05N 13E	Soil	19	25	0.47	93	0.048	3	1.33	0.012	0.10	0.2	0.06	2.3	0.2	0.07	5	0.5	<0.2
H L05N 14E	Soil	56	39	0.64	149	0.029	4	1.99	0.032	0.06	0.1	0.07	3.5	0.1	0.13	6	1.1	<0.2
H L05N 15E	Soil	10	31	0.49	77	0.057	2	2.01	0.011	0.12	0.2	0.02	2.3	0.1	<0.05	9	<0.5	<0.2
H L05N 16E	Soil	9	25	0.37	111	0.049	3	1.42	0.019	0.07	0.2	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
H L05N 17E	Soil	9	38	0.69	147	0.059	2	2.24	0.010	0.08	0.2	0.01	2.6	0.2	<0.05	8	0.6	<0.2
H L05N 18E	Soil	6	33	0.53	116	0.053	2	1.93	0.019	0.06	0.2	0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
H L06N 00E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L06N 01E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L06N 02E	Soil	4	16	0.13	58	0.031	<1	0.75	0.033	0.03	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
H L06N 03E	Soil	8	62	1.02	95	0.027	2	2.17	0.010	0.09	0.1	0.02	3.0	<0.1	<0.05	9	<0.5	<0.2
H L06N 04E	Soil	16	43	0.69	149	0.068	3	2.51	0.016	0.07	0.3	0.02	3.8	0.1	<0.05	7	0.5	<0.2
H L06N 05E	Soil	18	30	0.55	106	0.051	1	1.63	0.031	0.06	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2



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Project: NHL-10551-YT-HAY
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
H L06N 06E	Soil	1.1	26.8	27.0	73	<0.1	29.0	12.2	471	3.41	10.7	0.7	0.9	4.5	27	0.2	0.4	0.3	82	0.35
H L06N 07E	Soil	0.8	44.2	7.0	60	0.1	105.9	20.7	862	3.77	5.7	0.5	1.2	1.6	75	0.2	0.4	0.1	98	1.04
H L06N 08E	Soil	1.1	25.9	8.1	56	<0.1	24.6	10.7	458	3.12	10.0	0.8	1.5	3.7	27	<0.1	0.5	0.1	71	0.30
H L06N 09E	Soil	0.9	20.7	8.8	58	<0.1	26.9	11.8	556	3.16	9.3	0.7	1.4	3.2	31	<0.1	0.5	0.2	75	0.40
H L06N 10E	Soil	4.5	19.7	19.4	58	<0.1	39.4	8.5	456	2.76	24.3	0.7	4.4	2.1	12	0.1	2.6	0.2	69	0.13
H L06N 11E	Soil	1.8	17.5	16.0	66	<0.1	22.7	8.4	368	2.90	23.5	0.8	3.3	4.2	23	0.2	2.6	0.2	64	0.28
H L06N 12E	Soil	4.0	7.5	10.4	37	<0.1	8.0	3.3	127	1.25	10.2	0.4	3.8	1.0	9	<0.1	1.1	0.1	31	0.08
H L06N 13E	Soil	1.7	19.3	15.3	58	0.1	14.3	5.4	300	1.95	11.3	1.8	3.4	3.4	26	0.1	1.2	0.2	41	0.34
H L06N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L06N 15E	Soil	1.0	20.9	27.3	78	<0.1	25.3	10.5	438	3.00	9.9	0.7	2.2	4.0	26	0.3	0.6	0.4	69	0.33
H L06N 16E	Soil	0.6	13.2	12.0	50	0.2	16.2	6.5	317	2.14	8.1	0.6	2.1	2.5	29	0.1	0.7	0.2	50	0.38
H L06N 17E	Soil	0.6	21.7	10.5	42	<0.1	21.3	7.7	228	2.43	6.9	0.5	1.7	2.3	23	0.2	0.4	0.1	54	0.20
H L06N 18E	Soil	0.7	23.6	10.0	61	0.1	53.9	16.3	540	3.67	7.5	0.6	1.9	3.9	25	0.2	0.4	0.2	76	0.33
H L07N 00E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 01E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 02E	Soil	0.5	21.2	5.3	42	0.1	26.7	8.3	326	2.17	7.0	0.6	2.7	1.3	50	<0.1	0.5	<0.1	49	0.70
H L07N 03E	Soil	0.4	7.2	4.5	21	<0.1	6.5	3.7	162	1.30	2.0	0.2	0.5	0.2	18	<0.1	0.1	<0.1	36	0.22
H L07N 04E	Soil	1.1	26.4	16.5	66	<0.1	30.1	10.8	523	3.38	8.1	0.7	2.3	7.8	29	0.2	0.4	0.2	77	0.32
H L07N 05E	Soil	0.8	9.4	5.2	31	<0.1	11.5	4.6	173	1.67	3.7	0.3	2.3	0.6	22	0.1	0.2	0.1	50	0.25
H L07N 06E	Soil	0.6	24.5	9.7	55	0.1	29.2	11.6	544	2.92	6.6	0.6	2.3	2.8	48	0.1	0.3	0.2	77	0.56
H L07N 07E	Soil	0.5	16.7	5.8	47	<0.1	25.8	12.1	400	2.87	6.1	0.4	0.7	1.5	65	<0.1	0.3	<0.1	70	0.63
H L07N 08E	Soil	0.9	16.4	9.1	53	<0.1	24.9	11.3	459	3.23	5.8	0.4	<0.5	1.7	44	0.3	0.5	0.1	79	0.34
H L07N 09E	Soil	0.8	18.2	11.9	55	<0.1	25.2	10.6	506	2.81	7.2	0.5	2.2	2.2	21	0.3	0.5	0.2	64	0.30
H L07N 10E	Soil	1.8	13.3	16.4	59	<0.1	17.9	7.5	302	2.99	9.4	0.5	2.2	3.2	21	0.2	0.6	0.3	76	0.23
H L07N 11E	Soil	1.5	23.7	15.1	70	<0.1	25.3	10.3	413	3.30	15.2	0.9	3.7	5.4	22	0.3	1.0	0.3	76	0.25
H L07N 12E	Soil	2.2	12.8	12.1	52	0.2	16.6	6.7	250	2.32	9.0	0.6	2.2	1.2	15	0.3	0.8	0.2	58	0.17
H L07N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 15E	Soil	0.5	9.2	8.2	23	<0.1	4.1	3.1	117	1.10	1.4	0.3	0.8	0.3	15	0.1	0.2	<0.1	36	0.17
H L07N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L06N 06E	Soil	18	53	0.85	145	0.081	3	2.62	0.015	0.10	0.5	0.02	4.0	0.1	<0.05	9	<0.5	<0.2
H L06N 07E	Soil	17	122	1.99	109	0.054	2	2.55	0.023	0.07	0.2	0.02	6.4	<0.1	<0.05	8	0.7	<0.2
H L06N 08E	Soil	12	45	0.70	146	0.085	2	2.53	0.016	0.06	0.1	0.03	4.2	0.1	<0.05	7	0.5	<0.2
H L06N 09E	Soil	25	46	0.73	144	0.081	2	2.41	0.015	0.07	0.2	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
H L06N 10E	Soil	10	48	0.18	59	0.050	<1	1.26	0.011	0.07	0.3	0.13	3.6	0.1	<0.05	8	<0.5	<0.2
H L06N 11E	Soil	20	39	0.58	123	0.056	2	2.03	0.012	0.08	0.2	0.06	3.1	0.2	<0.05	7	<0.5	<0.2
H L06N 12E	Soil	9	13	0.15	46	0.028	<1	0.72	0.021	0.06	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
H L06N 13E	Soil	32	25	0.37	104	0.032	2	1.55	0.021	0.11	0.1	0.05	2.9	0.1	<0.05	5	0.7	<0.2
H L06N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L06N 15E	Soil	19	40	0.70	119	0.071	<1	2.34	0.016	0.08	0.2	0.02	2.9	0.1	<0.05	9	<0.5	<0.2
H L06N 16E	Soil	15	26	0.47	81	0.064	2	1.86	0.026	0.06	0.2	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
H L06N 17E	Soil	9	29	0.51	92	0.089	2	2.25	0.018	0.06	0.2	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
H L06N 18E	Soil	11	75	1.43	117	0.116	2	2.92	0.015	0.09	0.2	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
H L07N 00E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 01E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 02E	Soil	12	46	0.90	158	0.028	<1	1.63	0.032	0.08	0.2	0.05	6.0	<0.1	<0.05	5	<0.5	<0.2
H L07N 03E	Soil	5	16	0.20	47	0.035	2	0.73	0.025	0.03	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
H L07N 04E	Soil	25	52	0.78	159	0.114	2	2.65	0.025	0.09	0.2	0.02	7.1	0.1	<0.05	8	<0.5	<0.2
H L07N 05E	Soil	5	23	0.35	53	0.074	1	0.96	0.030	0.05	0.2	0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
H L07N 06E	Soil	18	60	0.94	129	0.081	2	2.32	0.026	0.07	0.2	0.02	4.9	<0.1	<0.05	8	0.6	<0.2
H L07N 07E	Soil	9	50	1.19	101	0.085	<1	1.93	0.056	0.06	0.2	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
H L07N 08E	Soil	9	54	0.96	118	0.079	2	1.97	0.017	0.08	0.2	0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
H L07N 09E	Soil	10	49	0.74	115	0.059	2	2.11	0.013	0.10	0.2	0.03	2.9	<0.1	<0.05	7	<0.5	<0.2
H L07N 10E	Soil	12	43	0.57	81	0.071	<1	2.18	0.010	0.08	0.2	<0.01	2.7	0.1	<0.05	9	<0.5	<0.2
H L07N 11E	Soil	17	43	0.63	143	0.069	2	2.39	0.015	0.09	0.2	0.03	4.2	0.1	<0.05	8	<0.5	<0.2
H L07N 12E	Soil	12	30	0.33	70	0.063	4	1.35	0.018	0.07	0.2	0.03	1.8	<0.1	<0.05	6	<0.5	<0.2
H L07N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L07N 15E	Soil	7	10	0.12	36	0.048	2	0.71	0.028	0.03	0.1	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
H L07N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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Project: NHL-10551-YT-HAY
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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
H L07N 17E	Soil		0.6	15.5	53.0	179	<0.1	8.2	3.5	343	2.27	16.9	0.8	0.7	4.6	32	0.3	2.0	0.8	30	0.37	0.025		
H L07N 18E	Soil		0.9	18.5	16.8	72	<0.1	22.7	8.1	360	2.89	11.4	0.7	0.9	4.2	22	0.2	0.8	0.3	67	0.29	0.032		
H L08N 00E	Soil		0.4	20.4	10.5	76	<0.1	59.8	14.8	248	3.02	4.3	1.0	2.0	3.1	46	0.2	0.6	0.2	72	0.70	0.123		
H L08N 01E	Soil		1.0	25.2	7.5	43	0.2	32.0	9.2	401	2.24	6.6	0.9	1.7	1.5	59	0.1	0.5	0.1	50	0.81	0.079		
H L08N 02E	Soil		2.7	28.5	20.8	101	0.4	49.7	13.2	681	4.10	11.3	1.4	4.7	8.9	38	0.3	0.8	0.3	76	0.57	0.135		
H L08N 03E	Soil		2.4	12.6	9.6	46	0.1	13.3	4.8	190	2.03	5.3	0.3	1.2	1.6	13	0.2	0.5	0.2	52	0.10	0.024		
H L08N 04E	Soil		1.8	46.2	12.0	96	<0.1	195.7	44.3	2013	7.23	7.3	0.6	0.6	2.4	23	0.4	0.5	0.1	153	0.35	0.145		
H L08N 05E	Soil		0.7	23.3	6.0	37	0.2	14.3	6.3	199	2.04	3.9	0.5	3.4	0.7	31	0.1	0.3	0.1	54	0.36	0.058		
H L08N 06E	Soil		0.7	24.5	8.3	68	<0.1	34.0	15.9	579	3.89	9.0	0.5	1.4	2.1	131	0.1	0.4	0.1	93	0.84	0.137		
H L08N 07E	Soil		1.5	27.6	11.5	68	0.2	25.1	11.5	524	3.97	9.7	0.6	1.8	2.0	41	0.3	0.6	0.2	96	0.36	0.045		
H L08N 08E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
H L08N 09E	Soil		1.0	20.7	14.2	64	<0.1	22.8	9.1	420	3.05	7.5	0.6	3.1	4.3	23	0.1	0.5	0.2	68	0.28	0.043		
H L08N 10E	Soil		1.3	13.6	8.4	42	<0.1	9.6	4.7	277	1.83	6.3	0.5	2.3	1.4	17	0.3	0.4	0.2	40	0.18	0.045		
H L08N 11E	Soil		2.6	17.5	20.9	69	0.1	12.8	6.0	262	2.37	24.0	0.9	4.4	1.5	23	0.3	1.6	0.2	56	0.32	0.047		
H L08N 12E	Soil		4.1	32.6	33.3	146	0.5	25.4	10.5	535	3.27	50.9	3.4	17.1	5.5	46	0.4	6.8	0.5	65	0.72	0.102		
H L08N 13E	Soil		0.5	18.6	5.9	35	0.4	13.6	4.6	181	1.47	6.5	0.8	1.4	1.5	27	<0.1	0.7	0.1	34	0.37	0.062		
H L08N 14E	Soil		0.7	18.7	7.3	43	0.3	14.1	4.8	225	1.60	5.1	0.8	1.6	0.9	29	0.1	0.6	0.1	36	0.33	0.068		
H L08N 15E	Soil		0.8	18.1	7.9	57	0.2	25.8	8.8	245	2.26	5.2	2.6	2.6	1.8	99	0.2	0.4	<0.1	68	0.73	0.104		
H L08N 16E NS	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
H L08N 17E NS	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
H L08N 18E	Soil		0.7	7.2	56.6	51	<0.1	9.2	3.8	599	1.18	10.1	1.3	1.2	6.3	65	0.3	0.4	0.4	26	1.63	0.028		
H L09N 00E	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
H L09N 01E	Soil		1.6	26.9	14.1	73	0.1	34.3	12.0	532	3.06	10.2	1.2	2.5	2.5	38	0.2	0.6	0.2	70	0.47	0.079		
H L09N 02E	Soil		0.4	6.8	3.2	14	<0.1	3.8	2.4	111	0.91	1.8	0.2	<0.5	0.4	13	<0.1	0.2	<0.1	28	0.12	0.034		
H L09N 03E NS	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
H L09N 04E	Soil		0.6	29.9	10.6	54	0.3	28.5	9.2	406	2.25	5.2	0.9	1.8	1.0	64	0.2	0.3	0.2	59	0.96	0.087		
H L09N 05E	Soil		1.0	28.2	8.1	58	0.1	44.9	12.8	594	3.24	7.1	0.7	2.1	1.6	47	0.1	0.3	0.2	84	0.57	0.085		
H L09N 06E	Soil		0.6	6.9	3.8	17	<0.1	5.1	2.6	110	1.03	3.1	0.2	<0.5	0.2	10	<0.1	0.2	<0.1	31	0.10	0.032		
H L09N 07E	Soil		1.1	27.5	11.3	69	0.1	30.8	15.5	695	4.22	9.6	0.6	5.0	2.7	29	0.2	0.5	0.2	94	0.29	0.085		
H L09N 08E	Soil		1.1	26.3	15.9	69	<0.1	29.5	12.1	596	3.79	10.3	0.5	4.9	2.7	16	0.2	0.5	0.3	83	0.22	0.070		



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L07N 17E	Soil	14	15	0.32	72	0.009	<1	2.51	0.012	0.09	0.8	0.03	1.2	0.1	<0.05	16	<0.5	<0.2
H L07N 18E	Soil	20	35	0.68	124	0.075	2	2.21	0.014	0.07	0.2	0.02	3.2	0.1	<0.05	9	<0.5	<0.2
H L08N 00E	Soil	17	113	1.84	161	0.031	2	2.45	0.016	0.09	0.1	0.05	6.7	<0.1	<0.05	8	<0.5	<0.2
H L08N 01E	Soil	19	53	0.80	146	0.025	2	1.67	0.028	0.06	0.2	0.06	6.8	<0.1	<0.05	5	<0.5	<0.2
H L08N 02E	Soil	39	77	1.64	148	0.031	2	2.58	0.016	0.11	0.2	0.06	8.6	<0.1	<0.05	8	<0.5	<0.2
H L08N 03E	Soil	5	25	0.19	70	0.052	2	1.09	0.020	0.04	0.1	0.05	1.7	<0.1	<0.05	6	0.6	<0.2
H L08N 04E	Soil	11	578	4.08	128	0.012	2	4.83	0.005	0.06	0.2	0.02	11.2	<0.1	<0.05	13	<0.5	<0.2
H L08N 05E	Soil	8	23	0.52	107	0.045	1	1.41	0.021	0.04	0.2	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
H L08N 06E	Soil	15	79	1.78	124	0.105	1	2.45	0.051	0.08	0.2	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
H L08N 07E	Soil	12	49	0.73	112	0.095	2	2.49	0.013	0.09	0.3	0.03	4.2	0.1	<0.05	9	<0.5	<0.2
H L08N 08E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L08N 09E	Soil	14	46	0.68	128	0.047	1	2.08	0.012	0.07	0.2	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
H L08N 10E	Soil	18	17	0.23	82	0.033	<1	1.16	0.022	0.07	0.1	0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
H L08N 11E	Soil	31	24	0.34	110	0.036	<1	1.48	0.018	0.08	0.2	0.05	2.3	0.2	<0.05	7	<0.5	<0.2
H L08N 12E	Soil	88	45	0.63	184	0.034	6	2.71	0.017	0.18	0.5	0.24	6.2	0.4	<0.05	8	1.0	<0.2
H L08N 13E	Soil	30	19	0.24	124	0.031	2	1.55	0.039	0.08	<0.1	0.07	3.3	<0.1	<0.05	4	<0.5	<0.2
H L08N 14E	Soil	17	24	0.30	117	0.034	2	1.77	0.029	0.09	<0.1	0.04	2.7	<0.1	<0.05	6	<0.5	<0.2
H L08N 15E	Soil	26	44	0.66	138	0.069	2	1.48	0.028	0.05	<0.1	0.03	3.8	<0.1	<0.05	5	0.8	<0.2
H L08N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L08N 17E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L08N 18E	Soil	35	15	0.21	63	0.019	1	3.17	0.009	0.15	0.3	0.01	1.0	0.1	<0.05	8	<0.5	<0.2
H L09N 00E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L09N 01E	Soil	22	69	0.99	166	0.039	2	2.16	0.021	0.08	0.2	0.04	5.3	0.1	<0.05	7	<0.5	<0.2
H L09N 02E	Soil	4	7	0.10	42	0.035	<1	0.62	0.029	0.04	<0.1	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
H L09N 03E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L09N 04E	Soil	33	54	0.82	122	0.038	1	1.86	0.031	0.06	0.1	0.06	4.8	<0.1	0.05	6	<0.5	<0.2
H L09N 05E	Soil	17	72	1.30	107	0.067	2	2.22	0.026	0.06	0.2	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
H L09N 06E	Soil	3	12	0.13	35	0.034	<1	0.52	0.027	0.03	<0.1	0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
H L09N 07E	Soil	11	56	1.02	140	0.054	1	3.07	0.014	0.07	0.3	0.02	4.1	0.1	<0.05	9	<0.5	<0.2
H L09N 08E	Soil	11	49	0.78	128	0.069	2	2.55	0.014	0.08	0.3	0.04	3.6	<0.1	<0.05	8	<0.5	<0.2



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

WHI10000151.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
H L09N 09E	Soil	0.9	21.4	24.1	72	<0.1	27.6	9.4	477	2.81	10.7	0.8	1.5	8.3	26	0.2	0.5	0.3	57	0.29	0.056
H L09N 10E	Soil	1.8	8.3	12.7	44	0.2	6.5	3.1	169	1.42	19.8	0.6	2.1	1.0	10	0.2	1.7	0.2	34	0.08	0.036
H L09N 11E	Soil	1.3	14.4	12.0	55	<0.1	17.0	7.9	334	2.61	11.9	0.7	1.1	2.6	21	0.2	0.7	0.2	62	0.22	0.031
H L09N 12E	Soil	1.2	11.4	12.2	48	<0.1	18.5	6.4	179	2.29	8.7	0.4	3.4	2.1	14	0.2	0.7	0.2	52	0.14	0.040
H L09N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L09N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L09N 15E	Soil	1.2	17.1	12.9	60	0.1	21.3	7.4	346	2.32	14.7	1.3	1.9	1.8	48	0.2	1.4	0.2	54	0.48	0.056
H L09N 16E	Soil	0.4	7.1	4.5	16	0.1	3.1	1.9	57	0.82	0.5	0.2	1.0	0.3	9	<0.1	<0.1	<0.1	31	0.03	0.019
H L09N 17E	Soil	0.9	11.8	22.5	64	<0.1	10.0	3.6	206	2.20	6.8	0.7	1.3	2.2	11	0.1	0.4	0.5	54	0.12	0.033
H L09N 18E	Soil	1.4	12.1	9.5	36	<0.1	7.8	3.8	225	2.00	5.8	0.3	1.1	1.2	11	0.2	0.5	0.2	62	0.07	0.032
H L10N 00E	Soil	0.9	19.4	9.6	64	<0.1	21.8	11.4	452	3.20	8.0	0.8	4.2	2.8	52	<0.1	0.6	0.2	59	0.57	0.076
H L10N 01E	Soil	0.8	20.9	9.0	40	0.3	18.7	6.3	269	1.87	7.7	0.7	4.1	1.2	28	<0.1	0.4	0.2	44	0.28	0.043
H L10N 02E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 03E	Soil	0.6	25.6	18.8	71	0.1	58.2	14.0	583	3.26	6.9	0.8	4.0	6.0	35	0.2	0.3	0.2	85	0.45	0.064
H L10N 04E	Soil	1.7	10.2	8.4	23	0.2	7.9	1.9	58	1.04	3.0	0.4	3.4	0.6	9	0.7	0.4	0.2	55	0.05	0.024
H L10N 05E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 06E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 07E	Soil	1.9	19.4	16.4	33	0.1	10.2	3.3	100	1.98	5.4	0.7	3.2	1.7	15	0.1	0.6	0.3	60	0.12	0.030
H L10N 08E	Soil	1.3	20.1	44.7	75	0.2	22.9	10.2	516	3.40	10.9	0.8	3.5	2.6	13	0.2	0.6	0.5	71	0.16	0.044
H L10N 09E	Soil	1.6	21.9	28.8	92	0.3	28.0	8.8	594	2.90	34.5	1.8	4.6	6.4	25	0.3	1.2	0.5	58	0.37	0.102
H L10N 10E	Soil	2.1	22.1	25.7	91	0.1	21.1	8.8	552	2.90	31.2	1.7	4.6	5.8	36	0.4	3.3	0.3	64	0.47	0.058
H L10N 11E	Soil	1.2	21.7	11.6	53	<0.1	26.0	9.2	276	2.70	15.0	0.5	2.9	3.3	18	0.1	1.4	0.2	66	0.18	0.019
H L10N 12E	Soil	1.2	18.1	15.0	63	<0.1	23.3	9.1	342	2.76	15.5	0.7	3.0	3.9	15	0.2	1.3	0.2	68	0.19	0.045
H L10N 13E	Soil	1.1	18.9	24.9	78	0.2	22.5	7.8	415	2.65	12.7	4.3	4.3	5.9	31	0.2	1.5	0.3	56	0.42	0.056
H L10N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 15E	Soil	1.0	20.1	15.4	67	<0.1	30.7	9.0	380	2.67	19.2	1.1	3.7	3.4	38	0.1	2.1	0.2	65	0.44	0.063
H L10N 16E	Soil	1.0	16.1	25.1	46	0.1	11.6	4.2	219	1.75	6.0	1.0	2.8	1.2	20	0.2	0.3	0.3	46	0.23	0.054
H L10N 17E	Soil	1.4	13.7	14.9	39	0.1	10.9	4.8	339	2.41	6.9	0.4	2.2	0.9	11	0.1	0.5	0.3	75	0.09	0.033
H L10N 18E	Soil	1.5	25.8	7.6	55	<0.1	26.4	15.1	1167	5.00	6.5	0.5	1.4	1.6	20	0.2	0.5	0.1	144	0.18	0.077
H L11N 00E	Soil	1.0	17.6	6.9	53	<0.1	28.3	12.0	301	3.35	8.9	0.5	6.2	2.6	28	0.1	0.5	0.1	83	0.22	0.025



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

WHI10000151.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L09N 09E	Soil	23	44	0.68	152	0.062	2	2.06	0.016	0.08	0.2	<0.01	3.1	<0.1	0.06	6	<0.5	<0.2
H L09N 10E	Soil	8	13	0.15	43	0.030	<1	0.80	0.015	0.05	0.2	0.03	0.8	<0.1	0.08	4	<0.5	<0.2
H L09N 11E	Soil	25	28	0.40	111	0.057	1	1.49	0.015	0.08	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
H L09N 12E	Soil	9	30	0.44	82	0.041	<1	1.46	0.012	0.08	0.2	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
H L09N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L09N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L09N 15E	Soil	17	38	0.59	125	0.045	1	1.79	0.020	0.07	0.2	0.02	2.7	0.1	0.05	6	<0.5	<0.2
H L09N 16E	Soil	3	6	0.04	18	0.042	3	0.38	0.024	0.03	<0.1	<0.01	0.6	<0.1	0.08	2	0.8	<0.2
H L09N 17E	Soil	12	19	0.25	52	0.022	<1	1.47	0.018	0.04	0.3	0.02	1.2	<0.1	<0.05	8	<0.5	<0.2
H L09N 18E	Soil	6	15	0.15	69	0.059	<1	1.04	0.016	0.04	<0.1	<0.01	1.1	<0.1	<0.05	7	<0.5	<0.2
H L10N 00E	Soil	16	54	0.89	218	0.035	2	2.00	0.016	0.10	0.2	0.02	5.8	<0.1	<0.05	5	<0.5	<0.2
H L10N 01E	Soil	21	34	0.44	137	0.038	1	1.65	0.030	0.07	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
H L10N 02E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 03E	Soil	33	123	1.56	108	0.076	1	2.28	0.019	0.07	0.2	0.01	5.4	<0.1	<0.05	8	0.7	<0.2
H L10N 04E	Soil	5	16	0.07	35	0.075	<1	0.56	0.015	0.03	0.1	0.02	0.7	<0.1	0.05	6	<0.5	<0.2
H L10N 05E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 06E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 07E	Soil	10	23	0.16	78	0.046	<1	1.36	0.009	0.04	<0.1	0.03	1.7	0.1	<0.05	7	<0.5	<0.2
H L10N 08E	Soil	12	38	0.61	81	0.050	2	2.61	0.011	0.06	0.2	0.03	2.7	0.1	<0.05	8	0.6	<0.2
H L10N 09E	Soil	68	60	0.62	87	0.029	1	1.75	0.019	0.10	0.2	0.04	5.0	<0.1	<0.05	7	0.7	<0.2
H L10N 10E	Soil	47	39	0.61	147	0.038	1	1.99	0.015	0.13	0.2	0.06	3.7	0.2	<0.05	7	<0.5	<0.2
H L10N 11E	Soil	7	44	0.63	89	0.059	<1	1.98	0.018	0.07	0.1	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
H L10N 12E	Soil	13	35	0.59	107	0.073	1	1.93	0.014	0.08	0.2	0.01	2.9	0.1	<0.05	7	<0.5	<0.2
H L10N 13E	Soil	40	39	0.63	73	0.065	<1	1.75	0.015	0.09	0.2	0.03	3.3	<0.1	<0.05	6	0.6	<0.2
H L10N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L10N 15E	Soil	22	55	0.83	127	0.072	1	1.90	0.015	0.09	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
H L10N 16E	Soil	32	26	0.29	63	0.027	<1	1.69	0.023	0.05	0.2	0.03	1.4	<0.1	<0.05	6	<0.5	<0.2
H L10N 17E	Soil	8	27	0.27	53	0.064	1	0.99	0.016	0.04	<0.1	0.02	1.4	<0.1	<0.05	7	<0.5	<0.2
H L10N 18E	Soil	8	125	1.63	86	0.057	<1	3.55	0.017	0.04	0.1	0.02	7.1	<0.1	<0.05	10	<0.5	<0.2
H L11N 00E	Soil	8	71	0.84	147	0.076	2	3.01	0.018	0.05	0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2



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Client: **Nokuyukon Holdings Inc.**
110 Falcon Dr.
Whitehorse YT Y1A 6C7 Canada

Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

WHI10000151.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
H L11N 01E	Soil	1.0	18.4	14.0	57	0.2	18.4	6.0	175	1.75	8.8	1.0	2.7	1.8	24	0.1	0.4	0.2	49	0.28	0.049
H L11N 02E	Soil	0.4	6.8	3.5	12	<0.1	3.0	1.4	45	0.67	1.4	0.3	1.5	0.2	10	<0.1	0.1	<0.1	21	0.06	0.018
H L11N 03E	Soil	0.6	10.1	7.1	25	<0.1	8.9	3.5	111	1.43	3.6	0.4	10.2	1.3	15	0.1	0.2	<0.1	38	0.12	0.020
H L11N 04E	Soil	0.4	6.1	2.6	12	<0.1	3.2	1.6	98	0.52	1.0	0.2	0.9	0.3	10	<0.1	0.1	<0.1	17	0.06	0.017
H L11N 05E	Soil	0.2	4.0	5.0	11	<0.1	1.9	1.1	28	0.48	0.5	0.2	1.2	<0.1	8	<0.1	<0.1	<0.1	17	0.05	0.024
H L11N 06E	Soil	1.1	11.2	10.6	37	<0.1	6.5	2.8	119	1.78	5.9	0.4	3.3	0.7	9	0.1	0.4	0.2	51	0.07	0.028
H L11N 07E	Soil	1.5	21.8	14.3	49	<0.1	10.7	5.0	261	2.03	7.3	0.6	0.6	1.2	11	0.1	0.5	0.2	49	0.07	0.032
H L11N 08E	Soil	1.8	17.0	15.7	57	<0.1	15.2	6.0	318	3.12	12.2	0.5	7.7	1.0	13	0.2	0.7	0.3	72	0.10	0.037
H L11N 09E	Soil	1.0	7.9	9.5	30	0.1	6.4	3.2	174	0.99	26.6	0.5	3.5	0.7	15	<0.1	3.2	<0.1	22	0.17	0.046
H L11N 10E	Soil	1.5	12.8	13.1	54	<0.1	15.5	7.0	299	2.33	32.9	0.5	1.3	1.1	18	0.2	2.7	0.2	55	0.18	0.055
H L11N 11E	Soil	1.1	23.7	17.0	55	0.1	23.0	10.0	304	2.79	13.1	0.7	1.4	4.1	17	0.3	1.5	0.2	56	0.15	0.048
H L11N 12E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L11N 13E	Soil	0.8	13.9	19.9	69	<0.1	19.4	7.2	332	2.19	8.4	0.8	0.5	3.6	21	0.2	1.4	0.3	48	0.29	0.052
H L11N 14E	Soil	1.6	17.9	15.9	75	<0.1	24.4	8.7	446	2.53	16.5	1.2	3.4	2.3	39	0.2	1.2	0.3	59	0.48	0.061
H L11N 15E	Soil	0.8	24.1	11.3	43	0.2	17.2	4.5	142	1.72	7.8	0.9	1.9	0.9	47	0.2	0.8	0.3	40	0.48	0.049
H L11N 16E	Soil	1.2	20.4	30.7	82	0.1	39.5	13.7	370	3.78	11.6	0.8	5.6	4.3	15	0.4	0.5	0.4	79	0.14	0.036
H L11N 17E	Soil	0.6	8.2	9.5	22	0.1	7.0	2.4	88	1.05	2.4	0.3	<0.5	0.4	9	<0.1	0.2	0.1	28	0.07	0.030
H L11N 18E	Soil	0.9	9.0	5.7	17	<0.1	5.0	2.3	87	1.39	4.1	0.2	1.1	0.7	10	<0.1	0.4	0.1	50	0.08	0.024
H L12N 00E	Soil	1.0	27.7	9.0	68	<0.1	43.6	15.9	674	3.82	11.0	0.7	20.2	4.3	43	0.1	0.5	0.2	91	0.43	0.045
H L12N 01E	Soil	0.7	25.5	6.8	46	0.1	28.0	10.8	590	2.68	7.5	0.7	1.2	1.4	72	0.1	0.4	0.1	60	0.66	0.059
H L12N 02E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L12N 03E	Soil	0.2	3.9	1.9	9	<0.1	1.9	1.0	29	0.42	0.7	0.1	<0.5	0.1	8	<0.1	<0.1	<0.1	14	0.04	0.014
H L12N 04E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L12N 05E	Soil	1.1	12.1	12.5	32	<0.1	7.0	3.0	121	1.36	8.7	0.4	11.0	0.5	16	0.2	0.3	0.2	42	0.15	0.028
H L12N 06E	Soil	1.0	20.7	9.2	28	<0.1	7.1	4.4	209	1.51	6.3	0.3	1.4	1.0	13	0.2	0.4	0.1	43	0.07	0.021
H L12N 07E	Soil	2.9	16.3	24.4	79	<0.1	22.5	12.0	1187	4.14	66.4	0.6	2.1	1.3	12	0.2	0.7	0.3	83	0.11	0.088
H L12N 08E	Soil	0.8	18.3	20.1	65	0.1	25.7	8.8	417	2.74	278.3	0.7	9.5	3.4	14	0.2	0.6	0.4	53	0.20	0.038
H L12N 09E	Soil	3.0	20.6	17.4	72	0.1	25.5	12.7	778	3.74	122.0	0.9	3.8	2.5	25	0.2	4.3	0.3	55	0.42	0.137
H L12N 10E	Soil	2.3	16.5	16.1	75	0.1	20.6	9.2	653	2.87	90.0	0.7	2.1	1.2	18	0.2	2.6	0.3	59	0.23	0.078
H L12N 11E	Soil	2.2	11.5	14.4	56	<0.1	12.5	6.5	462	2.49	54.0	0.5	<0.5	1.7	14	<0.1	1.4	0.3	55	0.10	0.058



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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L11N 01E	Soil	24	35	0.48	97	0.046	1	1.48	0.029	0.06	0.2	0.04	2.3	<0.1	<0.05	5	<0.5	<0.2
H L11N 02E	Soil	4	9	0.08	27	0.029	<1	0.57	0.038	0.04	<0.1	0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
H L11N 03E	Soil	6	18	0.20	46	0.050	<1	1.00	0.028	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
H L11N 04E	Soil	2	5	0.06	33	0.029	<1	0.49	0.038	0.03	<0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
H L11N 05E	Soil	2	4	0.03	17	0.020	<1	0.26	0.030	0.02	<0.1	0.02	0.2	<0.1	<0.05	1	<0.5	<0.2
H L11N 06E	Soil	4	13	0.12	49	0.036	<1	0.92	0.017	0.03	0.1	0.02	0.8	<0.1	<0.05	6	<0.5	<0.2
H L11N 07E	Soil	6	17	0.22	65	0.027	<1	1.17	0.015	0.04	0.1	0.03	1.0	<0.1	0.05	5	<0.5	<0.2
H L11N 08E	Soil	8	25	0.31	113	0.033	<1	1.61	0.008	0.04	0.1	0.02	1.5	<0.1	<0.05	9	<0.5	<0.2
H L11N 09E	Soil	14	10	0.13	61	0.016	<1	0.81	0.031	0.05	0.1	0.04	0.9	0.1	<0.05	2	<0.5	<0.2
H L11N 10E	Soil	12	27	0.45	94	0.041	<1	1.33	0.012	0.08	0.1	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
H L11N 11E	Soil	11	35	0.48	113	0.056	<1	2.24	0.014	0.06	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
H L11N 12E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L11N 13E	Soil	18	30	0.56	82	0.050	<1	1.43	0.014	0.07	0.2	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
H L11N 14E	Soil	16	44	0.69	117	0.052	1	1.72	0.014	0.07	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
H L11N 15E	Soil	22	32	0.39	159	0.036	<1	1.72	0.015	0.08	<0.1	0.04	2.2	0.1	<0.05	7	<0.5	<0.2
H L11N 16E	Soil	10	67	0.91	99	0.050	<1	2.88	0.010	0.06	0.1	0.03	3.3	<0.1	<0.05	9	<0.5	<0.2
H L11N 17E	Soil	3	14	0.11	34	0.036	<1	0.78	0.027	0.04	<0.1	0.02	0.8	<0.1	<0.05	4	<0.5	<0.2
H L11N 18E	Soil	4	10	0.08	38	0.061	<1	0.68	0.021	0.03	0.1	0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
H L12N 00E	Soil	18	101	1.31	259	0.083	1	2.70	0.022	0.09	0.1	0.02	8.8	<0.1	<0.05	7	<0.5	<0.2
H L12N 01E	Soil	13	55	0.79	244	0.048	<1	1.90	0.025	0.06	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
H L12N 02E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L12N 03E	Soil	<1	4	0.03	17	0.022	<1	0.29	0.036	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
H L12N 04E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L12N 05E	Soil	9	18	0.21	61	0.032	<1	0.92	0.015	0.04	0.2	0.02	0.9	<0.1	<0.05	6	<0.5	<0.2
H L12N 06E	Soil	5	13	0.10	72	0.041	<1	0.82	0.026	0.03	0.1	0.01	0.9	<0.1	<0.05	5	<0.5	<0.2
H L12N 07E	Soil	7	61	0.44	61	0.046	<1	1.61	0.015	0.09	0.2	0.06	1.6	0.1	<0.05	9	<0.5	0.3
H L12N 08E	Soil	11	33	0.60	102	0.048	<1	2.14	0.010	0.06	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
H L12N 09E	Soil	21	47	0.68	93	0.023	1	1.64	0.011	0.08	0.3	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
H L12N 10E	Soil	12	36	0.50	87	0.040	2	1.52	0.019	0.11	0.2	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
H L12N 11E	Soil	7	25	0.29	84	0.046	5	1.36	0.018	0.07	0.2	0.03	2.1	0.1	<0.05	6	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
H L12N 12E	Soil	1.4	16.0	22.3	87	<0.1	21.9	9.2	374	3.32	27.2	0.7	1.4	3.6	21	0.2	2.1	0.4	76	0.22	0.034
H L12N 13E	Soil	0.4	22.8	8.4	31	0.5	13.5	3.2	158	0.91	2.8	1.7	3.1	0.9	57	0.1	0.3	0.1	20	0.88	0.081
H L12N 14E	Soil	0.2	16.7	5.2	31	0.3	10.0	3.5	92	1.01	1.7	1.0	3.7	0.8	32	<0.1	0.2	<0.1	29	0.45	0.076
H L12N 15E	Soil	2.0	36.2	30.9	85	0.6	34.3	9.7	438	2.52	11.6	2.0	3.4	2.3	38	0.3	0.5	0.4	53	0.43	0.085
H L12N 16E	Soil	1.3	11.4	19.0	63	0.4	13.6	4.3	180	2.65	8.4	0.6	1.4	1.5	10	<0.1	0.5	0.3	77	0.08	0.031
H L12N 17E	Soil	1.4	10.1	7.4	18	<0.1	9.1	2.3	81	1.15	1.8	0.4	<0.5	0.6	7	<0.1	0.3	0.1	41	0.05	0.024
H L12N 18E	Soil	1.7	22.3	10.9	45	<0.1	28.5	7.3	234	3.46	7.6	0.4	1.6	1.6	17	0.1	0.6	0.2	94	0.12	0.031
H L13N 00E	Soil	0.7	22.4	8.0	56	<0.1	40.8	13.1	459	3.26	8.3	0.7	0.6	2.8	52	<0.1	0.6	0.2	75	0.60	0.057
H L13N 01E	Soil	0.7	21.3	13.2	56	0.3	25.3	8.5	303	2.39	6.8	0.6	2.0	1.3	49	0.3	0.3	0.2	57	0.89	0.053
H L13N 02E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 03E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 04E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 05E	Soil	0.5	6.1	2.8	17	<0.1	3.1	1.8	60	0.73	1.2	0.2	1.0	0.1	7	<0.1	0.2	<0.1	25	0.05	0.020
H L13N 06E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 07E	Soil	1.2	16.7	24.8	66	0.1	18.6	7.8	528	2.75	23.9	0.7	3.2	2.5	20	0.3	0.6	0.3	53	0.24	0.055
H L13N 08E	Soil	1.3	17.2	37.2	62	<0.1	22.3	10.1	421	3.00	59.1	0.6	18.1	3.0	11	0.2	1.1	0.3	56	0.14	0.034
H L13N 09E	Soil	1.4	22.0	11.7	49	0.1	15.7	9.0	777	2.39	49.0	0.9	4.8	3.1	22	0.2	4.8	0.2	47	0.21	0.052
H L13N 10E	Soil	1.1	19.6	22.5	86	0.2	15.8	5.8	242	2.08	4.8	1.2	2.2	4.5	25	0.2	0.7	0.3	40	0.36	0.062
H L13N 11E	Soil	1.0	18.8	20.8	79	0.2	16.8	6.2	214	2.10	5.1	1.2	2.0	5.0	23	0.2	0.6	0.3	40	0.34	0.056
H L13N 12E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 17E	Soil	1.1	22.0	13.2	66	0.2	26.9	11.8	344	3.13	10.0	0.8	2.4	4.7	21	0.4	0.4	0.2	66	0.23	0.033
H L13N 18E	Soil	1.8	21.1	14.8	60	0.1	21.2	11.0	353	3.34	10.4	0.7	1.8	3.5	21	0.3	0.5	0.2	72	0.22	0.037
H L14N 00E	Soil	0.9	26.5	7.2	60	0.2	39.2	15.4	586	3.77	13.0	0.5	2.8	3.1	36	0.2	0.8	0.2	73	0.51	0.071
H L14N 01E	Soil	1.0	24.1	8.5	66	<0.1	43.8	15.1	381	3.76	14.0	0.6	0.8	3.3	24	0.2	0.5	0.2	87	0.23	0.036
H L14N 02E	Soil	0.9	25.4	11.7	60	<0.1	39.0	13.2	546	3.29	22.6	0.7	3.5	3.9	39	0.2	0.4	0.2	77	0.57	0.069
H L14N 03E	Soil	1.1	24.3	9.8	61	<0.1	30.3	12.4	417	3.49	60.0	0.6	3.4	1.8	44	0.3	0.4	0.2	80	0.49	0.070



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Project: NHL-10551-YT-HAY
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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L12N 12E	Soil	12	38	0.62	105	0.039	<1	2.44	0.017	0.07	0.2	0.01	3.1	0.2	<0.05	9	<0.5	<0.2
H L12N 13E	Soil	113	24	0.28	89	0.026	2	1.28	0.027	0.05	<0.1	0.08	2.2	<0.1	0.11	3	<0.5	<0.2
H L12N 14E	Soil	36	19	0.19	101	0.036	<1	1.19	0.026	0.04	<0.1	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
H L12N 15E	Soil	89	60	0.67	155	0.020	<1	2.24	0.016	0.09	0.1	0.05	3.4	0.1	<0.05	8	<0.5	<0.2
H L12N 16E	Soil	5	26	0.32	54	0.052	<1	1.28	0.015	0.04	0.1	0.02	1.5	<0.1	<0.05	9	<0.5	<0.2
H L12N 17E	Soil	4	19	0.10	34	0.043	<1	0.76	0.019	0.03	<0.1	0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
H L12N 18E	Soil	7	60	0.51	112	0.073	<1	1.71	0.012	0.03	<0.1	0.01	2.2	<0.1	<0.05	10	<0.5	<0.2
H L13N 00E	Soil	12	74	1.16	336	0.041	2	2.38	0.015	0.08	0.2	0.02	6.3	<0.1	<0.05	7	<0.5	<0.2
H L13N 01E	Soil	17	57	0.71	116	0.041	<1	1.81	0.024	0.05	0.2	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
H L13N 02E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 03E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 04E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 05E	Soil	2	6	0.05	26	0.034	3	0.33	0.027	0.03	<0.1	0.02	0.5	<0.1	<0.05	2	<0.5	<0.2
H L13N 06E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 07E	Soil	21	32	0.45	124	0.029	2	1.90	0.015	0.07	0.2	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
H L13N 08E	Soil	11	29	0.50	86	0.040	1	2.02	0.011	0.08	0.3	0.04	2.5	0.1	<0.05	6	<0.5	<0.2
H L13N 09E	Soil	46	26	0.32	184	0.017	1	1.96	0.021	0.08	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
H L13N 10E	Soil	25	26	0.48	151	0.040	2	1.83	0.016	0.10	0.2	0.07	3.3	0.1	<0.05	6	<0.5	<0.2
H L13N 11E	Soil	23	27	0.49	149	0.043	2	1.91	0.019	0.09	0.2	0.07	3.6	0.1	<0.05	6	<0.5	<0.2
H L13N 12E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 14E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L13N 17E	Soil	12	39	0.67	148	0.083	2	2.43	0.015	0.08	0.2	0.04	4.0	0.1	<0.05	7	<0.5	<0.2
H L13N 18E	Soil	9	36	0.52	135	0.077	2	2.31	0.012	0.07	0.2	0.03	3.4	<0.1	<0.05	8	<0.5	<0.2
H L14N 00E	Soil	12	67	1.07	142	0.036	2	2.20	0.021	0.13	0.2	0.03	8.9	<0.1	<0.05	7	<0.5	<0.2
H L14N 01E	Soil	10	78	1.12	188	0.089	2	3.34	0.015	0.07	0.2	0.03	5.1	<0.1	<0.05	8	<0.5	<0.2
H L14N 02E	Soil	18	70	1.19	123	0.075	2	2.19	0.022	0.07	0.2	0.01	5.7	<0.1	<0.05	7	<0.5	<0.2
H L14N 03E	Soil	14	61	1.12	118	0.063	1	2.22	0.021	0.08	0.2	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
H L14N 04E	Soil	1.1	15.6	19.6	76	0.2	20.5	6.8	362	2.25	36.9	0.7	2.2	2.5	26	0.2	0.4	0.2	54	0.50	0.040
H L14N 05E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L14N 06E	Soil	2.4	18.5	29.2	95	0.1	18.4	6.9	399	3.22	95.9	0.9	4.7	3.5	15	0.3	1.0	0.4	63	0.15	0.041
H L14N 07E	Soil	2.7	19.6	33.2	81	0.1	11.4	6.2	862	2.21	18.6	1.3	1.6	1.2	12	0.3	0.9	0.3	47	0.13	0.065
H L14N 08E	Soil	2.1	16.4	20.0	76	0.1	16.9	9.2	616	3.28	23.4	1.0	3.3	2.5	17	0.3	2.6	0.3	47	0.27	0.074
H L14N 09E	Soil	1.9	13.5	10.8	38	0.1	9.0	3.7	153	1.95	28.9	0.5	1.3	1.0	15	0.2	4.5	0.2	55	0.11	0.029
H L14N 10E	Soil	1.0	20.4	16.6	66	0.1	19.4	8.7	467	2.74	8.8	1.0	3.5	2.1	26	0.3	0.6	0.3	62	0.33	0.065
H L14N 11E	Soil	0.8	19.5	17.1	65	0.1	29.7	9.2	417	2.82	8.0	0.8	1.8	5.6	25	0.2	0.5	0.3	62	0.38	0.037
H L14N 12E	Soil	1.7	16.6	16.0	80	0.2	19.1	10.0	365	3.43	9.1	0.5	4.0	2.5	14	0.3	0.5	0.3	81	0.12	0.032
H L14N 13E	Soil	1.3	14.8	12.1	48	0.1	22.9	7.7	229	2.91	8.5	0.5	0.7	1.7	15	0.2	0.4	0.2	75	0.12	0.041
H L14N 14E	Soil	2.6	16.8	18.3	62	0.2	31.1	7.7	266	2.68	20.4	0.6	3.2	2.4	17	0.3	0.5	0.2	71	0.19	0.046
H L14N 15E	Soil	1.0	31.3	13.7	76	0.1	50.2	12.2	498	3.15	14.8	1.4	6.2	3.2	46	0.3	0.4	0.2	74	0.64	0.089
H L14N 16E	Soil	1.5	40.0	7.7	67	<0.1	68.6	18.9	888	3.93	9.2	0.9	2.3	1.2	105	0.2	0.3	0.1	101	1.01	0.140
H L14N 17E	Soil	0.6	36.2	7.1	65	<0.1	92.2	21.4	1127	4.24	6.6	0.9	1.4	2.1	56	0.2	0.3	<0.1	100	0.88	0.131
H L14N 18E	Soil	0.8	44.1	5.6	76	<0.1	259.0	45.9	2705	6.52	5.9	1.0	0.9	2.8	27	0.2	0.1	<0.1	180	0.65	0.102
H L15N 00E	Soil	0.7	30.0	6.6	52	0.1	36.0	11.1	433	2.99	11.3	0.6	3.2	1.6	59	0.2	0.5	0.1	69	0.91	0.085
H L15N 01E	Soil	0.5	34.8	5.9	47	0.2	28.5	10.6	500	2.74	27.9	1.2	5.4	1.3	73	0.1	0.3	0.1	66	1.07	0.112
H L15N 02E	Soil	1.0	18.5	12.8	54	0.1	20.9	7.2	283	2.22	19.4	0.4	0.9	1.3	24	0.5	0.4	0.1	56	0.27	0.037
H L15N 03E	Soil	1.7	19.5	18.6	61	0.3	22.4	8.9	293	3.16	112.1	0.7	4.0	2.9	18	0.2	0.5	0.3	75	0.18	0.027
H L15N 04E	Soil	1.4	16.6	19.2	54	0.2	15.5	8.5	293	3.25	62.2	0.6	4.1	3.1	16	0.3	0.6	0.3	77	0.15	0.033
H L15N 05E	Soil	0.6	7.2	7.8	23	0.3	5.2	2.3	102	0.91	27.9	0.4	0.9	1.0	11	<0.1	0.4	0.1	22	0.07	0.020
H L15N 06E	Soil	1.7	15.5	13.1	57	0.2	9.7	4.8	349	2.16	19.6	0.5	2.3	0.5	14	0.2	1.1	0.3	59	0.09	0.043
H L15N 07E	Soil	1.1	13.2	11.1	36	0.1	6.8	4.3	340	1.54	18.3	0.5	1.1	0.9	12	0.2	1.1	0.2	40	0.07	0.026
H L15N 08E	Soil	2.8	18.1	18.7	83	0.1	22.7	8.8	538	3.72	46.7	0.7	2.0	1.6	19	0.2	5.8	0.4	86	0.24	0.045
H L15N 09E	Soil	1.1	24.7	26.8	77	0.1	94.1	15.3	862	3.58	11.2	0.8	2.6	3.2	28	0.1	2.2	0.3	79	0.38	0.083
H L15N 10E	Soil	2.5	24.5	26.4	113	0.2	20.3	9.7	745	3.63	9.4	0.7	2.0	2.1	26	0.5	1.1	0.4	90	0.22	0.055
H L15N 11E	Soil	0.9	14.0	25.5	77	<0.1	15.0	5.8	301	2.25	6.9	0.9	6.5	4.2	15	0.2	0.5	0.2	49	0.13	0.023
H L15N 12E	Soil	1.5	13.1	15.6	55	0.1	13.5	6.0	269	2.60	13.5	0.5	0.8	2.1	21	0.2	0.6	0.3	66	0.15	0.026
H L15N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L15N 14E	Soil	1.2	19.2	17.4	69	0.2	23.7	8.6	338	3.55	11.0	0.8	1.8	3.6	19	0.3	0.6	0.3	83	0.17	0.038



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L14N 04E	Soil	16	40	0.51	101	0.034	1	1.58	0.026	0.06	0.2	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
H L14N 05E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L14N 06E	Soil	14	28	0.33	97	0.029	1	1.78	0.013	0.08	0.2	0.03	2.1	0.1	<0.05	9	<0.5	<0.2
H L14N 07E	Soil	15	17	0.20	68	0.026	2	1.27	0.017	0.08	0.2	0.09	1.0	0.1	<0.05	6	<0.5	<0.2
H L14N 08E	Soil	26	24	0.39	111	0.024	1	1.51	0.008	0.10	0.3	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
H L14N 09E	Soil	13	14	0.13	79	0.033	<1	0.98	0.016	0.05	0.3	0.02	1.2	0.2	<0.05	6	<0.5	<0.2
H L14N 10E	Soil	42	38	0.55	136	0.050	<1	1.74	0.015	0.08	0.2	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
H L14N 11E	Soil	32	47	0.67	149	0.066	1	2.08	0.020	0.08	0.2	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
H L14N 12E	Soil	7	36	0.42	123	0.069	1	2.08	0.013	0.06	0.1	0.03	2.5	0.1	<0.05	9	<0.5	<0.2
H L14N 13E	Soil	8	37	0.50	94	0.074	<1	1.80	0.016	0.05	0.1	0.03	2.2	<0.1	<0.05	8	<0.5	<0.2
H L14N 14E	Soil	16	53	0.50	76	0.064	1	1.43	0.014	0.07	0.2	0.04	2.2	<0.1	<0.05	8	<0.5	<0.2
H L14N 15E	Soil	45	84	1.28	163	0.069	<1	2.20	0.026	0.08	0.2	0.02	6.3	<0.1	<0.05	7	<0.5	<0.2
H L14N 16E	Soil	13	85	1.71	244	0.057	1	2.74	0.025	0.07	<0.1	0.03	6.8	<0.1	<0.05	8	<0.5	<0.2
H L14N 17E	Soil	18	100	2.34	216	0.080	2	2.86	0.030	0.08	<0.1	0.03	8.9	<0.1	<0.05	8	<0.5	<0.2
H L14N 18E	Soil	11	662	6.18	195	0.198	1	4.02	0.007	0.02	0.2	<0.01	21.5	<0.1	<0.05	14	<0.5	<0.2
H L15N 00E	Soil	15	59	0.97	130	0.045	1	1.86	0.025	0.07	0.1	0.04	6.0	<0.1	<0.05	6	<0.5	<0.2
H L15N 01E	Soil	22	57	1.02	116	0.047	<1	1.93	0.039	0.06	0.1	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
H L15N 02E	Soil	7	32	0.49	108	0.038	<1	1.57	0.016	0.07	0.1	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
H L15N 03E	Soil	9	40	0.52	63	0.067	1	2.02	0.013	0.07	0.2	0.02	2.6	<0.1	<0.05	8	<0.5	<0.2
H L15N 04E	Soil	8	38	0.51	74	0.066	1	2.02	0.015	0.04	0.2	0.03	2.8	<0.1	<0.05	7	<0.5	<0.2
H L15N 05E	Soil	5	10	0.13	42	0.026	<1	0.70	0.025	0.04	0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
H L15N 06E	Soil	6	18	0.22	73	0.045	1	1.02	0.015	0.05	0.2	0.05	1.2	0.1	<0.05	6	<0.5	<0.2
H L15N 07E	Soil	4	11	0.10	52	0.043	<1	0.82	0.022	0.04	<0.1	0.04	0.8	<0.1	0.05	4	<0.5	<0.2
H L15N 08E	Soil	9	41	0.48	123	0.052	1	1.64	0.008	0.07	0.2	0.05	2.5	0.2	0.06	9	<0.5	<0.2
H L15N 09E	Soil	24	134	1.33	131	0.048	1	2.11	0.014	0.08	0.2	0.03	5.3	0.1	<0.05	7	<0.5	<0.2
H L15N 10E	Soil	9	34	0.40	120	0.075	3	1.85	0.013	0.07	0.1	0.03	2.1	0.1	<0.05	10	0.5	0.3
H L15N 11E	Soil	9	26	0.40	62	0.034	1	1.57	0.016	0.06	0.2	0.01	1.7	<0.1	<0.05	7	<0.5	<0.2
H L15N 12E	Soil	10	28	0.37	84	0.067	<1	1.43	0.018	0.05	0.1	0.02	1.8	<0.1	<0.05	7	<0.5	<0.2
H L15N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L15N 14E	Soil	12	45	0.59	79	0.069	1	2.32	0.014	0.06	0.1	0.03	3.1	<0.1	<0.05	9	<0.5	<0.2



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Project: NHL-10551-YT-HAY
Report Date: August 09, 2010

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
H L15N 15E	Soil	0.7	26.8	10.5	57	0.3	49.6	11.9	229	2.69	6.7	5.1	4.9	2.2	221	<0.1	0.3	0.2	87	1.12	0.104
H L15N 16E	Soil	0.6	24.8	6.8	61	<0.1	74.4	16.5	519	3.07	3.4	1.0	1.2	2.6	77	0.3	0.2	0.1	76	0.80	0.134
H L15N 17E	Soil	0.7	35.7	7.4	62	<0.1	216.5	27.9	691	3.87	10.8	0.9	<0.5	1.9	126	<0.1	0.3	0.1	84	0.74	0.088
H L15N 18E	Soil	1.4	25.9	8.2	44	<0.1	47.8	10.2	251	2.91	6.8	0.5	1.7	0.8	27	0.2	0.6	0.2	79	0.20	0.058
H L16N 00E	Soil	1.3	18.6	12.6	45	0.3	20.3	6.8	271	2.01	7.5	0.5	0.8	0.8	25	0.4	0.4	0.1	51	0.23	0.051
H L16N 01E	Soil	0.9	25.3	12.2	51	0.1	32.3	9.8	508	2.71	65.4	0.8	3.5	2.7	46	<0.1	0.5	0.2	68	0.58	0.062
H L16N 02E	Soil	1.3	22.2	22.6	67	0.1	34.3	13.1	497	3.62	31.0	0.7	2.1	3.2	28	0.2	0.7	0.3	86	0.30	0.053
H L16N 03E	Soil	0.9	11.7	14.3	32	0.2	8.7	3.3	287	0.98	31.5	0.4	1.1	0.9	25	0.3	0.3	0.2	22	0.18	0.040
H L16N 04E	Soil	1.7	25.5	18.8	68	0.4	23.6	9.2	458	2.90	149.6	0.9	5.2	0.7	25	0.4	0.7	0.2	72	0.26	0.060
H L16N 05E	Soil	2.2	15.1	14.1	54	<0.1	17.4	5.2	381	2.25	23.6	0.6	4.9	0.5	14	0.2	0.8	0.2	58	0.09	0.054
H L16N 06E	Soil	3.3	17.0	23.2	75	0.1	19.2	6.2	351	3.22	32.4	0.8	1.0	2.3	18	0.2	1.5	0.4	79	0.12	0.038
H L16N 07E	Soil	1.8	13.7	11.7	40	<0.1	12.1	4.8	304	2.60	17.2	0.5	1.7	1.3	13	0.1	1.7	0.2	65	0.09	0.034
H L16N 08E	Soil	2.3	19.5	18.6	68	0.2	29.0	10.7	478	2.88	31.5	0.8	2.8	2.0	16	0.2	3.4	0.2	61	0.16	0.065
H L16N 09E	Soil	3.7	25.2	45.8	91	0.2	40.6	9.9	1132	2.16	6.0	1.0	0.9	1.3	41	0.7	0.9	0.4	40	0.43	0.124
H L16N 10E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 11E	Soil	1.7	23.3	29.1	86	0.2	29.2	10.3	533	3.16	9.9	1.0	2.9	5.3	25	0.3	0.8	0.4	64	0.23	0.032
H L16N 12E	Soil	2.9	17.5	28.8	76	0.3	28.9	8.2	391	2.67	43.9	0.9	1.7	2.7	27	0.3	0.8	0.3	56	0.20	0.045
H L16N 13E	Soil	2.2	19.0	19.3	78	0.1	25.6	10.4	383	4.42	20.7	0.7	1.9	3.4	28	0.2	0.7	0.3	108	0.23	0.028
H L16N 14E	Soil	0.8	21.3	16.0	66	0.2	35.2	11.5	537	3.07	13.4	1.4	4.5	4.2	56	0.1	0.4	0.2	72	0.64	0.069
H L16N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 17E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 18E	Soil	0.3	8.4	2.8	12	<0.1	3.5	1.8	94	0.64	1.0	0.2	<0.5	<0.1	12	<0.1	0.2	<0.1	17	0.08	0.022
H L17N 00E	Soil	1.5	26.1	11.9	56	0.1	36.1	12.4	414	3.95	15.4	0.6	4.7	2.6	28	0.2	0.6	0.2	89	0.27	0.072
H L17N 01E	Soil	1.8	15.3	13.6	42	0.1	23.0	7.4	389	2.43	102.0	0.4	4.8	1.2	15	0.2	0.5	0.2	63	0.15	0.044
H L17N 02E	Soil	1.3	31.2	9.3	63	<0.1	47.3	13.4	487	3.58	22.4	0.7	2.6	3.6	22	0.2	0.5	0.2	85	0.29	0.068
H L17N 03E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 04E	Soil	1.7	13.0	8.0	31	0.2	18.7	6.7	392	2.00	147.3	0.3	9.4	0.6	16	0.2	0.4	0.1	43	0.16	0.047
H L17N 05E	Soil	2.6	20.0	18.9	73	0.1	22.7	8.0	401	4.11	23.3	0.6	6.5	2.9	16	0.2	0.9	0.3	85	0.14	0.033
H L17N 06E	Soil	2.1	21.5	20.6	81	0.1	30.2	9.8	564	3.45	18.0	0.6	2.8	1.0	18	0.3	0.8	0.3	59	0.19	0.072



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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L15N 15E	Soil	29	74	1.17	245	0.051	3	2.26	0.031	0.09	<0.1	0.04	6.5	<0.1	0.09	6	1.1	<0.2
H L15N 16E	Soil	15	80	1.82	201	0.119	2	2.54	0.031	0.08	0.1	0.03	6.6	<0.1	<0.05	7	<0.5	<0.2
H L15N 17E	Soil	10	89	3.84	218	0.117	2	3.04	0.025	0.05	0.1	0.02	4.6	<0.1	<0.05	9	<0.5	0.3
H L15N 18E	Soil	6	34	0.91	121	0.128	1	1.66	0.017	0.04	0.1	0.03	2.0	<0.1	<0.05	9	<0.5	<0.2
H L16N 00E	Soil	7	39	0.48	65	0.056	1	1.38	0.026	0.07	0.1	0.03	1.5	<0.1	0.07	5	<0.5	<0.2
H L16N 01E	Soil	19	63	0.89	154	0.071	2	2.12	0.027	0.08	0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
H L16N 02E	Soil	18	52	0.76	158	0.108	2	2.32	0.018	0.08	0.2	0.03	3.7	0.1	<0.05	8	<0.5	<0.2
H L16N 03E	Soil	3	11	0.10	89	0.030	1	0.69	0.026	0.06	<0.1	0.03	0.6	<0.1	0.06	3	<0.5	<0.2
H L16N 04E	Soil	12	46	0.59	64	0.046	2	1.91	0.019	0.09	0.2	0.05	2.1	<0.1	0.06	8	<0.5	<0.2
H L16N 05E	Soil	6	36	0.29	91	0.049	<1	1.05	0.021	0.05	0.2	0.06	1.4	0.1	0.05	6	<0.5	<0.2
H L16N 06E	Soil	8	34	0.28	107	0.070	1	1.29	0.015	0.05	0.1	0.03	1.7	0.1	<0.05	8	0.6	<0.2
H L16N 07E	Soil	6	21	0.20	66	0.057	<1	1.07	0.020	0.04	0.2	0.03	1.4	0.1	<0.05	7	0.7	<0.2
H L16N 08E	Soil	15	44	0.55	82	0.058	2	1.96	0.013	0.09	0.3	0.10	2.6	0.2	0.06	6	<0.5	<0.2
H L16N 09E	Soil	21	59	0.47	137	0.036	4	1.48	0.034	0.10	0.2	0.07	1.5	0.1	0.18	5	0.6	<0.2
H L16N 10E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 11E	Soil	15	51	0.64	122	0.078	1	2.10	0.020	0.08	0.2	0.03	3.0	<0.1	<0.05	8	<0.5	<0.2
H L16N 12E	Soil	23	54	0.48	102	0.062	2	1.93	0.022	0.08	0.2	0.04	2.1	<0.1	0.07	7	<0.5	<0.2
H L16N 13E	Soil	10	61	0.70	103	0.098	<1	2.48	0.015	0.07	0.1	0.02	2.9	<0.1	<0.05	11	<0.5	<0.2
H L16N 14E	Soil	29	56	1.00	139	0.063	1	2.29	0.033	0.06	0.1	0.03	4.6	<0.1	<0.05	8	<0.5	<0.2
H L16N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 16E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 17E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L16N 18E	Soil	3	7	0.05	33	0.029	1	0.50	0.035	0.03	<0.1	0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
H L17N 00E	Soil	10	69	0.94	121	0.080	1	2.52	0.017	0.06	0.1	0.02	3.4	<0.1	<0.05	8	0.5	<0.2
H L17N 01E	Soil	7	50	0.43	106	0.035	2	1.31	0.014	0.06	0.2	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2
H L17N 02E	Soil	12	65	1.03	155	0.105	2	2.66	0.015	0.10	0.2	0.03	5.0	<0.1	<0.05	7	<0.5	<0.2
H L17N 03E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 04E	Soil	7	33	0.25	73	0.033	2	1.00	0.021	0.05	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
H L17N 05E	Soil	9	40	0.49	118	0.067	2	1.92	0.012	0.06	0.2	0.01	2.7	0.1	<0.05	9	<0.5	<0.2
H L17N 06E	Soil	11	39	0.53	138	0.039	2	2.11	0.014	0.08	0.2	0.09	2.2	0.1	0.05	7	<0.5	<0.2



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Project: NHL-10551-YT-HAY
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
H L17N 07E	Soil	2.0	24.4	11.2	59	0.1	33.9	15.1	598	4.08	53.7	0.5	2.7	0.8	14	0.1	3.8	0.3	110	0.14	0.060
H L17N 08E	Soil	2.3	20.6	15.5	76	<0.1	28.7	9.6	452	3.44	53.6	0.6	2.0	1.2	17	0.1	2.3	0.2	75	0.16	0.048
H L17N 09E	Soil	1.1	24.1	12.1	59	0.1	31.5	13.8	682	3.70	8.1	0.8	1.8	1.2	43	0.2	1.0	0.2	99	0.61	0.104
H L17N 10E	Soil	4.1	16.8	18.5	74	0.2	38.0	6.8	367	3.39	8.8	0.6	1.9	1.1	16	0.3	0.9	0.3	85	0.15	0.042
H L17N 11E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 12E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 14E	Soil	0.6	19.9	11.1	53	0.2	20.5	9.7	441	2.50	13.9	1.1	6.7	2.6	62	0.2	0.3	0.2	52	0.72	0.072
H L17N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 16E	Soil	0.7	25.4	8.3	64	<0.1	56.1	16.7	546	3.28	5.7	1.5	1.6	1.4	375	0.2	0.2	0.1	93	1.19	0.117
H L17N 17E	Soil	0.1	3.7	0.7	6	<0.1	2.3	1.0	23	0.33	<0.5	<0.1	<0.5	<0.1	13	<0.1	<0.1	<0.1	13	0.12	0.033
H L17N 18E	Soil	1.3	20.3	9.8	50	<0.1	29.5	10.8	523	3.45	7.5	0.5	1.1	1.0	20	0.1	0.5	0.2	80	0.23	0.090
H L18N 00E	Soil	0.9	21.4	8.8	54	<0.1	34.6	10.5	319	3.22	11.6	0.6	3.8	1.2	18	<0.1	0.4	0.2	75	0.24	0.053
H L18N 01E	Soil	1.5	19.0	11.0	50	<0.1	35.2	11.4	329	3.55	29.5	0.7	2.3	3.0	17	0.2	0.6	0.2	92	0.18	0.052
H L18N 02E	Soil	1.9	24.9	10.9	60	<0.1	32.0	11.2	490	3.90	52.2	0.6	2.1	0.6	18	0.3	0.6	0.2	97	0.18	0.061
H L18N 03E	Soil	2.7	35.3	15.8	91	0.2	46.2	29.5	1084	5.28	46.5	1.0	10.1	2.4	14	0.2	0.8	0.3	99	0.21	0.081
H L18N 04E	Soil	0.9	27.2	11.4	64	0.3	32.5	15.7	511	4.07	16.8	0.5	6.9	2.6	21	0.3	0.7	0.2	100	0.29	0.073
H L18N 05E	Soil	0.9	21.4	19.7	64	<0.1	25.0	10.4	377	2.62	12.1	0.6	9.3	4.3	16	0.2	0.6	0.3	58	0.19	0.024
H L18N 06E	Soil	0.8	10.0	5.0	16	0.2	5.7	2.6	127	0.84	4.5	0.3	0.8	0.4	16	0.1	0.3	<0.1	25	0.19	0.042
H L18N 07E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L18N 08E	Soil	6.0	19.0	22.8	102	0.2	50.4	9.4	616	2.80	209.7	1.5	4.9	1.9	22	0.2	8.9	0.4	37	0.22	0.093
H L18N 09E	Soil	9.4	26.5	29.7	80	0.1	60.5	7.1	437	2.81	9.9	1.5	2.3	0.5	15	0.3	1.3	0.5	74	0.11	0.076
H L18N 10E	Soil	5.5	26.2	41.7	118	0.2	40.3	11.0	1343	3.50	11.3	1.7	2.3	1.0	21	0.4	1.1	0.4	62	0.17	0.105
H L18N 11E	Soil	3.4	27.7	21.6	84	0.2	42.8	15.4	938	4.94	40.8	0.8	8.2	2.1	25	0.4	0.8	0.2	94	0.34	0.102
H L18N 12E	Soil	2.7	23.0	22.5	78	0.2	22.3	7.3	424	3.91	30.1	0.7	8.1	2.5	19	0.3	0.8	0.3	92	0.17	0.037
H L18N 13E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L18N 14E	Soil	1.1	20.9	7.2	29	0.2	8.6	2.5	120	1.23	1.9	0.4	1.1	0.2	17	0.2	0.2	0.1	40	0.09	0.029
H L18N 15E	Soil	0.9	29.9	13.0	88	<0.1	27.1	15.7	834	5.12	8.7	1.1	1.4	3.9	67	0.3	0.3	0.2	104	0.74	0.172
H L18N 16E	Soil	0.5	30.6	5.4	60	<0.1	104.9	18.9	353	3.14	4.2	1.5	1.5	1.6	352	0.1	0.2	<0.1	68	1.23	0.113
H L18N 17E	Soil	0.8	34.9	8.8	57	0.1	68.8	19.8	627	3.60	5.8	1.3	1.8	2.1	77	0.1	0.2	0.1	86	0.97	0.116



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Project: NHL-10551-YT-HAY
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L17N 07E	Soil	8	61	0.71	77	0.029	1	1.55	0.010	0.04	0.3	0.04	3.3	0.1	<0.05	9	<0.5	<0.2
H L17N 08E	Soil	9	39	0.49	109	0.063	2	1.79	0.012	0.06	0.2	0.05	2.3	0.2	<0.05	8	<0.5	<0.2
H L17N 09E	Soil	21	127	1.46	134	0.039	<1	2.29	0.014	0.04	0.1	0.02	4.4	<0.1	<0.05	9	<0.5	<0.2
H L17N 10E	Soil	9	61	0.33	106	0.055	2	1.57	0.012	0.06	0.1	0.04	1.9	0.1	<0.05	9	<0.5	<0.2
H L17N 11E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 12E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 13E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 14E	Soil	34	49	0.94	134	0.040	<1	1.95	0.043	0.07	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
H L17N 15E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L17N 16E	Soil	11	85	1.55	343	0.052	4	2.16	0.029	0.09	<0.1	0.04	7.2	<0.1	0.06	6	<0.5	<0.2
H L17N 17E	Soil	1	4	0.03	22	0.019	<1	0.27	0.040	0.04	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
H L17N 18E	Soil	9	42	0.81	135	0.035	1	2.20	0.013	0.07	0.1	0.02	2.7	0.1	<0.05	9	<0.5	<0.2
H L18N 00E	Soil	11	60	0.78	106	0.071	2	2.40	0.012	0.05	0.2	0.04	3.3	<0.1	<0.05	7	<0.5	<0.2
H L18N 01E	Soil	9	60	0.84	101	0.122	2	2.28	0.011	0.06	0.2	0.02	3.7	<0.1	<0.05	8	<0.5	<0.2
H L18N 02E	Soil	9	69	0.81	114	0.054	1	2.19	0.010	0.06	0.1	0.03	2.9	<0.1	<0.05	9	<0.5	<0.2
H L18N 03E	Soil	15	86	0.99	96	0.031	<1	2.44	0.008	0.08	0.2	0.04	7.4	0.1	<0.05	7	<0.5	<0.2
H L18N 04E	Soil	10	61	1.20	126	0.056	<1	2.88	0.014	0.05	0.2	0.04	4.9	<0.1	<0.05	9	<0.5	<0.2
H L18N 05E	Soil	11	34	0.58	93	0.090	2	2.03	0.015	0.06	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
H L18N 06E	Soil	13	10	0.08	47	0.031	3	0.44	0.038	0.03	0.1	0.03	0.8	<0.1	<0.05	2	<0.5	<0.2
H L18N 07E NS	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L18N 08E	Soil	31	45	0.22	92	0.012	<1	1.06	0.015	0.10	0.9	0.11	2.9	0.2	<0.05	4	<0.5	<0.2
H L18N 09E	Soil	9	92	0.26	81	0.050	3	1.38	0.014	0.10	0.2	0.09	1.3	0.2	<0.05	8	<0.5	<0.2
H L18N 10E	Soil	15	60	0.44	147	0.041	2	1.89	0.018	0.10	0.2	0.10	1.5	0.1	<0.05	9	<0.5	<0.2
H L18N 11E	Soil	16	87	1.39	160	0.016	3	3.02	0.010	0.13	0.2	0.04	4.6	<0.1	<0.05	9	<0.5	<0.2
H L18N 12E	Soil	11	52	0.45	100	0.040	1	1.80	0.013	0.06	0.2	0.04	2.6	0.1	<0.05	10	<0.5	<0.2
H L18N 13E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L18N 14E	Soil	9	21	0.12	71	0.027	<1	0.95	0.022	0.03	<0.1	0.02	0.9	<0.1	<0.05	5	<0.5	<0.2
H L18N 15E	Soil	13	81	0.62	246	0.005	2	1.98	0.011	0.23	0.1	0.01	10.8	0.1	<0.05	5	<0.5	<0.2
H L18N 16E	Soil	10	92	2.66	302	0.057	3	2.33	0.059	0.09	<0.1	0.02	7.8	<0.1	<0.05	6	<0.5	<0.2
H L18N 17E	Soil	16	96	1.68	314	0.082	2	2.88	0.028	0.08	0.1	0.04	8.7	<0.1	<0.05	8	<0.5	<0.2



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Project: NHL-10551-YT-HAY

Report Date: August 09, 2010

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
H L00N 06E	Soil	0.7	29.7	11.3	64	0.1	39.5	13.3	530	3.21	9.9	0.7	4.0	3.5	60	0.2	0.5	0.2	77	0.74
REP H L00N 06E	QC	0.7	30.8	11.6	67	<0.1	42.2	14.5	544	3.36	10.6	0.6	3.0	3.6	61	0.1	0.5	0.2	79	0.76
H L01N 04E	Soil	0.9	30.0	12.5	62	0.2	35.9	11.2	298	2.58	7.3	1.3	2.1	2.7	63	0.2	0.7	0.2	53	1.08
REP H L01N 04E	QC	0.9	29.5	12.4	61	0.2	35.1	10.7	293	2.61	7.1	1.3	3.4	2.7	63	0.1	0.6	0.2	53	1.04
H L02N 06E	Soil	0.9	30.3	11.5	57	0.2	34.7	11.0	519	2.79	6.4	0.8	4.5	2.9	45	0.2	0.4	0.2	62	0.71
REP H L02N 06E	QC	0.9	31.6	11.3	60	0.2	35.8	11.3	528	2.87	6.7	0.8	1.6	2.8	48	0.2	0.4	0.2	63	0.74
H L03N 05E	Soil	0.5	18.5	6.8	36	<0.1	16.7	6.7	271	1.91	4.4	0.5	1.2	1.6	25	0.1	0.3	0.1	47	0.30
REP H L03N 05E	QC	0.5	18.5	6.8	36	<0.1	17.7	7.0	273	1.90	4.5	0.4	0.8	1.6	25	<0.1	0.3	0.1	47	0.30
H L04N 05E	Soil	1.3	13.3	9.9	36	<0.1	14.0	5.5	183	2.19	5.4	0.4	<0.5	1.5	14	<0.1	0.3	0.2	71	0.13
REP H L04N 05E	QC	1.0	14.4	9.6	39	<0.1	14.8	5.7	186	2.24	5.3	0.4	1.7	1.6	15	0.1	0.3	0.2	73	0.14
H L04E 13E	Soil	3.2	11.3	19.0	47	<0.1	8.6	5.2	304	1.63	9.1	0.6	0.8	1.8	17	0.2	0.6	0.2	47	0.18
REP H L04E 13E	QC	3.1	11.3	19.5	47	<0.1	9.2	5.4	307	1.70	9.2	0.6	1.9	1.8	17	0.2	0.7	0.2	48	0.18
H L06N 05E	Soil	0.5	18.5	7.5	37	0.1	16.3	6.9	282	1.91	4.0	0.5	<0.5	1.5	39	<0.1	0.2	0.1	48	0.50
REP H L06N 05E	QC	0.5	18.2	7.6	36	0.1	15.7	6.5	283	1.89	4.0	0.5	1.1	1.4	38	<0.1	0.2	0.1	47	0.48
H L07N 10E	Soil	1.8	13.3	16.4	59	<0.1	17.9	7.5	302	2.99	9.4	0.5	2.2	3.2	21	0.2	0.6	0.3	76	0.23
REP H L07N 10E	QC	1.9	13.7	16.3	57	<0.1	18.5	7.6	310	3.06	9.2	0.5	1.9	3.3	21	0.2	0.6	0.3	77	0.24
H L08N 09E	Soil	1.0	20.7	14.2	64	<0.1	22.8	9.1	420	3.05	7.5	0.6	3.1	4.3	23	0.1	0.5	0.2	68	0.28
REP H L08N 09E	QC	1.0	20.9	13.8	65	<0.1	22.5	9.3	422	3.13	7.8	0.6	2.4	4.3	24	0.2	0.5	0.2	68	0.29
H L09N 06E	Soil	0.6	6.9	3.8	17	<0.1	5.1	2.6	110	1.03	3.1	0.2	<0.5	0.2	10	<0.1	0.2	<0.1	31	0.10
REP H L09N 06E	QC	0.7	6.9	4.1	17	<0.1	5.5	2.6	108	1.03	2.7	0.2	0.7	0.3	10	<0.1	0.2	<0.1	31	0.10
H L09N 12E	Soil	1.2	11.4	12.2	48	<0.1	18.5	6.4	179	2.29	8.7	0.4	3.4	2.1	14	0.2	0.7	0.2	52	0.14
REP H L09N 12E	QC	1.1	11.7	11.4	47	<0.1	18.6	6.4	170	2.27	8.5	0.4	2.6	2.2	15	0.2	0.6	0.2	51	0.13
H L11N 03E	Soil	0.6	10.1	7.1	25	<0.1	8.9	3.5	111	1.43	3.6	0.4	10.2	1.3	15	0.1	0.2	<0.1	38	0.12
REP H L11N 03E	QC	0.6	10.3	6.7	23	<0.1	7.9	3.6	108	1.40	3.6	0.4	1.6	1.3	16	0.1	0.2	0.1	39	0.13
H L11N 11E	Soil	1.1	23.7	17.0	55	0.1	23.0	10.0	304	2.79	13.1	0.7	1.4	4.1	17	0.3	1.5	0.2	56	0.15
REP H L11N 11E	QC	1.2	25.3	16.9	57	0.1	23.5	10.2	319	2.83	13.2	0.7	2.7	4.3	17	0.3	1.5	0.2	58	0.16
H L12N 15E	Soil	2.0	36.2	30.9	85	0.6	34.3	9.7	438	2.52	11.6	2.0	3.4	2.3	38	0.3	0.5	0.4	53	0.43
REP H L12N 15E	QC	1.9	36.6	30.0	80	0.6	33.4	9.0	418	2.45	11.7	1.9	3.6	2.1	39	0.3	0.5	0.4	51	0.43



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Project: NHL-10551-YT-HAY

Report Date: August 09, 2010

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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
H L00N 06E	Soil	17	86	1.42	157	0.076	2	2.19	0.031	0.11	0.2	0.02	7.4	<0.1	<0.05	6	<0.5	0.5
REP H L00N 06E	QC	18	88	1.44	163	0.077	2	2.19	0.032	0.11	0.1	0.02	7.3	<0.1	<0.05	7	<0.5	<0.2
H L01N 04E	Soil	21	63	0.97	150	0.042	2	2.11	0.020	0.10	0.1	0.06	5.8	0.1	0.06	6	0.6	<0.2
REP H L01N 04E	QC	20	62	0.99	144	0.044	2	2.11	0.020	0.10	0.1	0.06	5.7	<0.1	0.06	6	<0.5	<0.2
H L02N 06E	Soil	21	57	0.93	159	0.048	1	2.00	0.023	0.07	0.2	0.03	6.2	<0.1	<0.05	6	<0.5	<0.2
REP H L02N 06E	QC	21	59	0.96	162	0.048	1	2.08	0.024	0.07	0.1	0.03	6.5	<0.1	<0.05	6	<0.5	<0.2
H L03N 05E	Soil	13	32	0.55	116	0.043	2	1.50	0.024	0.07	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
REP H L03N 05E	QC	13	33	0.56	115	0.043	1	1.50	0.024	0.06	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
H L04N 05E	Soil	8	33	0.42	61	0.060	<1	1.33	0.014	0.05	0.1	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
REP H L04N 05E	QC	8	36	0.43	63	0.062	<1	1.28	0.014	0.05	0.1	0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
H L04E 13E	Soil	11	18	0.23	76	0.050	<1	1.13	0.018	0.07	0.2	0.03	1.7	0.1	<0.05	5	<0.5	<0.2
REP H L04E 13E	QC	12	18	0.23	79	0.054	1	1.16	0.017	0.08	0.2	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
H L06N 05E	Soil	18	30	0.55	106	0.051	1	1.63	0.031	0.06	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
REP H L06N 05E	QC	17	31	0.53	100	0.049	2	1.58	0.034	0.05	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
H L07N 10E	Soil	12	43	0.57	81	0.071	<1	2.18	0.010	0.08	0.2	<0.01	2.7	0.1	<0.05	9	<0.5	<0.2
REP H L07N 10E	QC	12	44	0.62	81	0.072	1	2.21	0.010	0.08	0.2	0.02	2.9	<0.1	<0.05	9	<0.5	<0.2
H L08N 09E	Soil	14	46	0.68	128	0.047	1	2.08	0.012	0.07	0.2	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
REP H L08N 09E	QC	14	46	0.69	122	0.050	2	2.11	0.015	0.07	0.2	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
H L09N 06E	Soil	3	12	0.13	35	0.034	<1	0.52	0.027	0.03	<0.1	0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
REP H L09N 06E	QC	3	12	0.13	35	0.035	1	0.53	0.032	0.03	<0.1	0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
H L09N 12E	Soil	9	30	0.44	82	0.041	<1	1.46	0.012	0.08	0.2	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
REP H L09N 12E	QC	9	28	0.43	81	0.037	1	1.43	0.014	0.07	0.1	0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
H L11N 03E	Soil	6	18	0.20	46	0.050	<1	1.00	0.028	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
REP H L11N 03E	QC	6	19	0.20	47	0.052	<1	0.94	0.032	0.05	0.1	0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
H L11N 11E	Soil	11	35	0.48	113	0.056	<1	2.24	0.014	0.06	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
REP H L11N 11E	QC	11	36	0.50	107	0.062	<1	2.34	0.014	0.06	0.2	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
H L12N 15E	Soil	89	60	0.67	155	0.020	<1	2.24	0.016	0.09	0.1	0.05	3.4	0.1	<0.05	8	<0.5	<0.2
REP H L12N 15E	QC	87	57	0.64	153	0.022	<1	2.20	0.019	0.09	0.2	0.05	3.4	0.1	<0.05	7	<0.5	<0.2



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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
H L14N 02E	Soil	0.9	25.4	11.7	60	<0.1	39.0	13.2	546	3.29	22.6	0.7	3.5	3.9	39	0.2	0.4	0.2	77	0.57
REP H L14N 02E	QC	1.0	26.6	11.5	62	<0.1	41.3	13.5	565	3.42	23.3	0.7	6.4	3.9	39	0.2	0.4	0.2	80	0.59
H L15N 01E	Soil	0.5	34.8	5.9	47	0.2	28.5	10.6	500	2.74	27.9	1.2	5.4	1.3	73	0.1	0.3	0.1	66	1.07
REP H L15N 01E	QC	0.6	36.9	6.4	48	0.2	29.6	11.2	519	2.88	29.5	1.3	4.9	1.1	77	0.1	0.4	0.1	72	1.15
H L15N 04E	Soil	1.4	16.6	19.2	54	0.2	15.5	8.5	293	3.25	62.2	0.6	4.1	3.1	16	0.3	0.6	0.3	77	0.15
REP H L15N 04E	QC	1.3	16.1	18.8	54	0.2	16.2	8.0	287	3.27	61.2	0.6	1.7	3.1	17	0.3	0.6	0.2	75	0.15
H L15N 14E	Soil	1.2	19.2	17.4	69	0.2	23.7	8.6	338	3.55	11.0	0.8	1.8	3.6	19	0.3	0.6	0.3	83	0.17
REP H L15N 14E	QC	1.1	19.5	17.0	65	0.1	22.8	8.5	333	3.50	10.3	0.7	2.4	3.4	19	0.2	0.6	0.3	81	0.17
H L17N 17E	Soil	0.1	3.7	0.7	6	<0.1	2.3	1.0	23	0.33	<0.5	<0.1	<0.5	<0.1	13	<0.1	<0.1	<0.1	13	0.12
REP H L17N 17E	QC	0.1	3.6	0.7	6	<0.1	2.2	0.9	23	0.32	<0.5	<0.1	<0.5	<0.1	13	<0.1	<0.1	<0.1	12	0.12
H L18N 05E	Soil	0.9	21.4	19.7	64	<0.1	25.0	10.4	377	2.62	12.1	0.6	9.3	4.3	16	0.2	0.6	0.3	58	0.19
REP H L18N 05E	QC	0.8	21.2	19.4	63	0.1	25.7	10.3	379	2.65	12.1	0.7	12.6	4.4	16	0.2	0.6	0.3	58	0.19
Reference Materials																				
STD DS7	Standard	20.7	114.5	61.9	402	1.0	54.3	9.0	629	2.40	53.5	4.8	85.9	4.6	69	6.7	6.1	4.4	83	0.95
STD DS7	Standard	22.6	115.6	66.6	419	1.0	59.2	9.4	669	2.53	54.9	4.7	84.2	4.7	73	6.8	5.9	4.6	89	1.00
STD DS7	Standard	21.7	117.7	64.4	415	1.1	58.0	9.8	661	2.50	55.3	4.8	188.4	4.5	72	6.7	6.3	4.8	89	0.96
STD DS7	Standard	20.9	115.8	67.6	416	1.0	59.5	9.5	658	2.51	54.1	5.2	70.2	4.6	76	6.8	6.0	4.5	90	0.99
STD DS7	Standard	21.1	116.2	73.4	435	1.1	61.1	10.1	661	2.52	58.0	5.1	84.4	4.4	73	7.1	6.5	4.9	90	0.98
STD DS7	Standard	22.6	115.1	80.2	406	1.1	68.0	9.7	658	2.48	54.0	5.5	85.7	5.2	87	6.5	6.6	5.4	88	1.01
STD DS7	Standard	22.3	116.1	78.2	408	1.0	58.6	9.8	645	2.49	54.2	5.4	71.0	5.3	87	6.4	6.7	5.3	87	1.03
STD DS7	Standard	21.0	102.1	65.3	387	1.0	53.5	9.4	646	2.48	52.7	4.5	69.5	4.2	71	6.0	5.8	4.4	84	0.92
STD DS7	Standard	21.9	113.6	65.3	396	1.0	57.4	9.9	665	2.51	56.4	5.0	86.4	5.0	79	7.0	6.0	4.8	89	1.02
STD DS7	Standard	22.7	114.3	71.0	407	1.0	56.8	9.6	658	2.51	53.7	5.3	76.9	4.8	81	5.9	5.7	4.6	90	1.00
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
H L14N 02E	Soil	18	70	1.19	123	0.075	2	2.19	0.022	0.07	0.2	0.01	5.7	<0.1	<0.05	7	<0.5	<0.2
REP H L14N 02E	QC	19	73	1.24	121	0.072	<1	2.25	0.029	0.07	0.2	0.02	5.5	<0.1	<0.05	7	<0.5	<0.2
H L15N 01E	Soil	22	57	1.02	116	0.047	<1	1.93	0.039	0.06	0.1	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
REP H L15N 01E	QC	23	61	1.08	119	0.052	2	2.00	0.047	0.06	0.1	0.05	5.4	<0.1	<0.05	6	<0.5	<0.2
H L15N 04E	Soil	8	38	0.51	74	0.066	1	2.02	0.015	0.04	0.2	0.03	2.8	<0.1	<0.05	7	<0.5	<0.2
REP H L15N 04E	QC	9	38	0.52	76	0.074	1	2.05	0.018	0.05	0.2	0.03	2.8	<0.1	<0.05	8	<0.5	<0.2
H L15N 14E	Soil	12	45	0.59	79	0.069	1	2.32	0.014	0.06	0.1	0.03	3.1	<0.1	<0.05	9	<0.5	<0.2
REP H L15N 14E	QC	11	45	0.57	77	0.065	<1	2.27	0.013	0.06	0.1	0.03	3.0	0.1	<0.05	9	<0.5	<0.2
H L17N 17E	Soil	1	4	0.03	22	0.019	<1	0.27	0.040	0.04	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
REP H L17N 17E	QC	1	5	0.03	24	0.018	<1	0.27	0.042	0.03	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
H L18N 05E	Soil	11	34	0.58	93	0.090	2	2.03	0.015	0.06	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
REP H L18N 05E	QC	11	35	0.57	90	0.091	2	1.97	0.015	0.06	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS7	Standard	12	199	1.06	417	0.116	40	1.03	0.102	0.48	3.9	0.22	2.5	4.0	0.16	5	3.3	1.6
STD DS7	Standard	13	218	1.10	433	0.124	41	1.08	0.108	0.50	4.2	0.23	2.7	4.4	0.19	5	3.5	2.2
STD DS7	Standard	13	214	1.09	437	0.121	41	1.05	0.105	0.49	4.0	0.21	2.6	4.2	0.20	5	3.1	1.1
STD DS7	Standard	13	223	1.10	423	0.130	37	1.07	0.107	0.51	3.8	0.21	2.5	3.9	0.22	5	3.2	1.2
STD DS7	Standard	13	215	1.10	438	0.124	37	1.04	0.109	0.51	3.8	0.24	2.6	4.3	0.20	5	2.9	1.2
STD DS7	Standard	14	217	1.09	425	0.146	41	1.10	0.105	0.51	3.9	0.23	2.7	4.3	0.23	5	3.4	1.6
STD DS7	Standard	14	215	1.10	435	0.141	44	1.06	0.107	0.51	3.7	0.21	2.5	4.2	0.23	5	3.6	1.5
STD DS7	Standard	13	210	1.07	423	0.113	46	1.06	0.103	0.48	4.2	0.22	2.5	4.5	0.24	5	3.7	1.5
STD DS7	Standard	15	212	1.11	432	0.128	40	1.10	0.109	0.51	3.8	0.24	2.7	4.6	0.17	5	3.3	1.7
STD DS7	Standard	14	222	1.05	405	0.132	38	1.06	0.108	0.49	3.7	0.22	2.7	4.2	0.20	5	3.7	1.1
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Client: **Nokuyukon Holdings Inc.**

110 Falcon Dr.
Whitehorse YT Y1A 6C7 Canada

Submitted By: Mark Lindsay

Receiving Lab: Canada-Whitehorse

Received: July 28, 2010

Report Date: August 18, 2010

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CERTIFICATE OF ANALYSIS

WHI10000152.1

CLIENT JOB INFORMATION

Project: NHL-10551-YT-HAY
Shipment ID: Hay Grid -1
P.O. Number
Number of Samples: 172

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Nokuyukon Holdings Inc.
110 Falcon Dr.
Whitehorse YT Y1A 6C7
Canada

CC: Phil Jackson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	139	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	139	Dry at 60C			WHI
SPLP	33	Sort, label and box pulps			VAN
1DX2	135	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: NHL-10551-YT-HAY
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CERTIFICATE OF ANALYSIS

WHI10000152.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
H L18N 18E	Soil	1.0	23.1	13.7	35	<0.1	15.8	8.1	386	3.15	6.9	1.4	<0.5	3.1	29	0.1	0.6	0.2	101	0.40	0.132
H L19N 00E	Soil	0.6	20.4	6.8	29	0.3	10.1	5.1	370	1.31	14.2	0.7	3.5	0.3	47	0.2	0.3	<0.1	42	0.82	0.084
H L19N 01E	Soil	2.3	31.0	17.3	73	0.1	83.2	20.9	655	3.50	11.9	1.4	1.9	3.9	30	0.2	0.6	0.2	108	0.61	0.089
H L19N 02E	Soil	1.2	13.5	7.9	26	0.1	9.2	3.3	95	1.47	9.3	0.5	<0.5	0.2	10	<0.1	0.4	0.1	49	0.08	0.045
H L19N 03E	Soil	3.7	24.5	30.9	93	0.6	93.2	18.0	750	4.23	90.9	0.9	17.2	3.7	17	0.3	2.7	0.2	63	0.20	0.043
H L19N 04E	Soil	2.6	18.9	17.0	40	0.2	16.4	4.8	176	2.12	16.4	0.5	5.7	0.7	13	0.2	0.8	0.2	81	0.10	0.039
H L19N 05E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L19N 06E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L19N 07E	Soil	1.6	16.6	15.1	76	<0.1	15.2	11.5	485	3.07	303.4	1.2	6.4	3.9	66	0.2	13.1	0.2	50	0.46	0.169
H L19N 08E	Soil	1.0	16.0	7.6	28	0.1	7.0	2.6	84	1.23	10.2	0.6	2.2	0.2	12	0.1	0.6	0.1	37	0.12	0.049
H L19N 09E	Soil	1.3	11.4	9.3	26	<0.1	8.9	2.8	92	1.24	5.8	0.4	0.5	0.3	10	<0.1	0.5	<0.1	37	0.10	0.031
H L19N 10E	Soil	2.4	25.2	32.1	78	<0.1	37.1	13.7	1229	4.39	13.3	0.7	1.8	1.5	20	0.3	0.8	0.3	82	0.23	0.082
H L19N 11E	Soil	1.5	12.7	13.5	43	0.2	8.9	5.4	568	1.51	14.1	0.5	1.6	0.1	19	0.3	0.3	0.2	43	0.20	0.056
H L19N 12E	Soil	0.5	6.8	3.2	17	0.2	2.7	2.1	69	0.76	2.8	0.2	<0.5	0.3	12	<0.1	0.1	<0.1	26	0.08	0.018
H L19N 13E	Soil	0.7	5.8	3.7	15	0.2	4.0	2.0	63	0.85	2.9	0.2	<0.5	0.4	9	0.1	0.2	<0.1	29	0.06	0.014
H L19N 14E	Soil	0.8	45.6	8.3	59	0.1	90.0	20.3	596	3.55	6.0	1.2	2.7	1.8	89	0.2	0.2	0.1	101	1.09	0.109
H L19N 15E	Soil	0.7	35.7	7.4	57	0.1	57.9	15.9	618	3.30	6.4	0.9	1.3	1.3	90	<0.1	0.3	0.1	89	0.95	0.108
H L19N 16E	Soil	0.6	30.0	4.5	68	<0.1	72.4	15.3	369	2.58	3.8	2.0	1.4	1.2	518	0.1	0.2	<0.1	64	1.64	0.121
H L19N 17E	Soil	0.8	31.9	7.5	53	<0.1	49.3	14.1	506	3.18	6.7	0.8	1.3	1.8	64	0.1	0.3	0.1	92	0.78	0.091
H L19N 18E	Soil	1.7	34.0	9.3	59	<0.1	69.1	23.7	655	4.77	10.7	0.7	0.8	1.8	31	0.2	0.3	0.2	143	0.30	0.076
H L20N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 01E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 02E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 03E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 04E	Soil	2.6	17.3	18.0	40	0.2	17.8	6.5	240	3.00	25.4	0.5	13.4	1.7	16	0.2	0.7	0.2	95	0.15	0.039
H L20N 05E	Soil	1.1	20.2	16.4	62	<0.1	27.0	11.8	381	2.88	11.3	0.9	4.4	4.3	26	0.2	0.8	0.2	71	0.36	0.068
H L20N 06E	Soil	1.9	14.7	12.0	32	<0.1	11.5	4.4	178	2.38	7.4	0.5	1.9	1.5	28	0.1	0.6	0.2	91	0.27	0.029
H L20N 07E	Soil	2.1	19.4	16.2	86	<0.1	17.0	9.9	384	3.13	13.9	1.1	3.5	2.5	26	0.2	1.8	0.1	68	0.41	0.116
H L20N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 09E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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Project: NHL-10551-YT-HAY
Report Date: August 18, 2010

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CERTIFICATE OF ANALYSIS

WHI10000152.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L18N 18E	Soil	13	68	0.25	131	0.007	2	1.56	0.005	0.13	<0.1	<0.01	5.4	<0.1	<0.05	3	<0.5	<0.2
H L19N 00E	Soil	12	25	0.21	95	0.039	5	0.88	0.038	0.03	0.1	0.06	2.3	<0.1	<0.05	3	<0.5	<0.2
H L19N 01E	Soil	20	134	2.07	80	0.180	2	2.08	0.022	0.05	0.3	0.02	6.8	<0.1	<0.05	8	<0.5	<0.2
H L19N 02E	Soil	4	24	0.13	37	0.040	2	0.69	0.022	0.03	0.1	0.05	0.8	<0.1	<0.05	4	<0.5	<0.2
H L19N 03E	Soil	19	80	0.60	65	0.022	1	1.61	0.012	0.05	0.3	0.09	3.4	0.2	<0.05	5	<0.5	<0.2
H L19N 04E	Soil	9	30	0.20	64	0.069	2	0.85	0.014	0.05	<0.1	0.03	1.3	<0.1	<0.05	6	<0.5	<0.2
H L19N 05E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L19N 06E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L19N 07E	Soil	27	36	0.43	85	0.012	1	1.08	0.006	0.15	2.0	0.37	4.2	0.2	<0.05	4	<0.5	<0.2
H L19N 08E	Soil	8	13	0.12	53	0.028	1	0.83	0.026	0.04	<0.1	0.04	0.7	0.1	<0.05	4	<0.5	<0.2
H L19N 09E	Soil	4	15	0.10	35	0.041	2	0.79	0.026	0.04	<0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
H L19N 10E	Soil	15	57	0.75	109	0.038	2	2.15	0.013	0.13	0.1	0.05	3.0	<0.1	<0.05	7	<0.5	<0.2
H L19N 11E	Soil	4	17	0.15	53	0.026	1	0.63	0.026	0.06	<0.1	0.04	0.6	<0.1	0.06	4	<0.5	<0.2
H L19N 12E	Soil	2	4	0.05	28	0.041	<1	0.44	0.031	0.04	<0.1	0.03	0.5	<0.1	<0.05	3	<0.5	<0.2
H L19N 13E	Soil	2	8	0.06	24	0.043	<1	0.40	0.029	0.04	<0.1	0.03	0.6	<0.1	<0.05	2	<0.5	<0.2
H L19N 14E	Soil	16	68	1.84	277	0.130	2	3.18	0.052	0.08	0.1	0.03	6.6	<0.1	<0.05	8	<0.5	<0.2
H L19N 15E	Soil	15	87	1.17	208	0.064	2	2.78	0.026	0.09	<0.1	0.04	6.7	<0.1	<0.05	8	<0.5	<0.2
H L19N 16E	Soil	10	79	1.82	347	0.055	9	1.89	0.046	0.12	0.1	0.03	6.4	<0.1	0.11	5	0.7	<0.2
H L19N 17E	Soil	15	65	1.11	182	0.089	3	2.51	0.034	0.09	<0.1	0.02	6.0	<0.1	<0.05	7	<0.5	<0.2
H L19N 18E	Soil	7	82	1.87	199	0.236	2	3.25	0.035	0.08	0.1	0.02	5.0	<0.1	<0.05	12	<0.5	<0.2
H L20N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 01E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 02E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 03E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 04E	Soil	10	37	0.29	63	0.080	2	1.56	0.016	0.06	0.1	0.03	2.0	0.1	<0.05	8	<0.5	<0.2
H L20N 05E	Soil	22	48	0.67	114	0.085	2	2.33	0.019	0.08	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
H L20N 06E	Soil	11	28	0.25	85	0.092	2	1.11	0.022	0.06	<0.1	0.03	1.9	<0.1	<0.05	8	<0.5	<0.2
H L20N 07E	Soil	23	41	0.42	130	0.030	<1	1.29	0.015	0.17	0.2	0.04	3.7	0.1	<0.05	4	<0.5	<0.2
H L20N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 09E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
H L20N 10E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L20N 11E	Soil	2.0	15.2	21.1	45	0.4	15.5	5.7	215	2.78	9.8	0.5	8.4	1.9	18	0.3	0.7	0.4	66	0.21	0.041
H L20N 12E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 13E	Soil	0.6	27.8	9.4	46	<0.1	60.4	12.3	502	2.33	4.0	0.6	<0.5	0.7	82	0.3	0.3	0.1	61	0.90	0.093
H L20N 14E	Soil	0.7	29.4	7.8	44	<0.1	44.3	14.3	450	2.99	6.3	0.6	2.2	1.6	55	0.1	0.2	0.2	85	0.60	0.062
H L20N 15E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 16E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 17E	Soil	0.9	32.4	9.6	65	<0.1	55.6	17.4	752	3.58	8.2	0.9	1.2	1.7	57	<0.1	0.3	0.2	81	0.66	0.109
H L20N 18E	Soil	1.0	33.3	11.5	68	<0.1	67.9	18.8	785	3.61	6.4	0.7	1.0	2.0	46	0.2	0.3	0.2	94	0.55	0.102
H L21N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 01E	Soil	1.1	12.9	5.7	20	<0.1	9.4	3.1	112	1.18	5.6	0.3	1.4	0.4	33	<0.1	0.3	0.1	36	0.29	0.031
H L21N 02E	Soil	0.4	11.1	13.2	67	0.3	23.1	9.3	194	2.01	6.8	1.2	5.8	2.8	34	0.3	1.1	0.2	57	0.38	0.088
H L21N 03E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 04E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 05E	Soil	1.0	16.4	9.8	53	<0.1	22.2	9.6	388	2.59	6.7	0.9	2.1	1.8	29	<0.1	0.7	0.2	63	0.41	0.090
H L21N 06E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 07E	Soil	2.8	15.7	26.3	91	<0.1	25.8	7.5	397	2.56	12.1	1.0	7.0	2.5	24	0.3	1.5	0.3	52	0.34	0.089
H L21N 08E	Soil	3.6	17.5	29.3	50	0.1	25.6	6.7	300	2.74	8.5	0.7	1.4	1.0	14	0.2	1.3	0.3	74	0.14	0.051
H L21N 09E	Soil	1.6	22.0	11.7	35	<0.1	11.4	4.2	142	2.05	4.4	0.5	0.9	0.2	13	<0.1	0.6	0.2	64	0.12	0.053
H L21N 10E	Soil	2.6	20.4	14.5	68	<0.1	25.6	11.9	671	4.44	10.5	0.7	0.8	0.7	12	0.2	0.7	0.3	98	0.10	0.065
H L21N 11E	Soil	1.5	27.2	18.9	68	0.3	46.4	17.4	1500	4.19	10.2	0.8	18.0	4.0	37	0.2	0.6	0.2	63	0.66	0.172
H L21N 12E	Soil	1.6	11.4	13.6	43	0.2	11.8	4.8	196	1.82	6.9	0.4	<0.5	2.1	9	0.4	0.4	0.2	42	0.07	0.022
H L21N 13E	Soil	0.7	34.1	10.1	61	0.1	105.0	18.4	655	3.20	4.8	0.7	1.4	1.0	79	0.2	0.2	0.1	78	0.79	0.110
H L21N 14E	Soil	0.5	15.6	5.7	24	<0.1	22.6	6.5	196	1.67	3.4	0.4	1.4	0.7	21	0.1	0.2	0.1	47	0.21	0.048
H L21N 15E	Soil	0.9	32.2	9.8	58	0.1	37.0	14.6	613	3.43	6.4	0.9	0.9	1.5	73	0.2	0.3	0.1	79	0.74	0.096
H L21N 16E	Soil	0.8	25.8	6.6	52	0.1	30.8	12.5	493	3.11	5.1	1.0	<0.5	1.3	54	<0.1	0.2	<0.1	70	0.75	0.143
H L21N 17E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L21N 18E	Soil	0.7	27.7	5.5	64	<0.1	266.1	35.4	543	4.25	2.4	0.6	<0.5	2.4	166	<0.1	0.1	<0.1	51	1.05	0.127
H L22N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 01E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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Project: NHL-10551-YT-HAY
Report Date: August 18, 2010

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5	0.2
H L20N 10E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L20N 11E	Soil	7	34	0.28	70	0.038	4	1.42	0.012	0.08	0.2	0.05	1.5	0.1	0.17	7	<0.5	<0.2
H L20N 12E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 13E	Soil	11	65	1.16	138	0.027	3	1.71	0.024	0.07	<0.1	0.03	3.8	<0.1	0.09	5	<0.5	<0.2
H L20N 14E	Soil	9	44	1.15	195	0.121	3	2.58	0.042	0.06	0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
H L20N 15E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 16E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L20N 17E	Soil	12	62	1.19	240	0.052	2	2.73	0.021	0.07	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5	<0.2
H L20N 18E	Soil	10	59	1.58	267	0.133	3	3.13	0.106	0.09	0.1	0.01	4.6	<0.1	<0.05	9	<0.5	<0.2
H L21N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 01E	Soil	5	16	0.15	79	0.035	1	0.88	0.021	0.04	<0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
H L21N 02E	Soil	25	50	0.68	115	0.022	2	1.69	0.010	0.05	0.2	0.08	3.9	0.1	<0.05	5	<0.5	0.2
H L21N 03E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 04E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 05E	Soil	20	47	0.76	133	0.037	2	1.82	0.013	0.06	0.2	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
H L21N 06E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L21N 07E	Soil	17	43	0.46	90	0.031	2	1.29	0.012	0.11	0.3	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2
H L21N 08E	Soil	10	48	0.28	74	0.048	4	1.47	0.012	0.07	0.3	0.04	1.7	0.1	<0.05	7	<0.5	<0.2
H L21N 09E	Soil	9	23	0.16	62	0.041	4	0.99	0.018	0.03	0.1	0.02	1.0	0.1	<0.05	5	<0.5	<0.2
H L21N 10E	Soil	11	56	0.79	116	0.034	2	2.49	0.011	0.06	0.1	0.04	2.5	0.1	<0.05	9	<0.5	<0.2
H L21N 11E	Soil	33	48	0.90	157	0.007	2	1.95	0.011	0.16	0.1	0.02	9.3	<0.1	<0.05	5	<0.5	<0.2
H L21N 12E	Soil	6	18	0.22	60	0.032	1	1.35	0.017	0.06	<0.1	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
H L21N 13E	Soil	13	86	1.83	166	0.054	2	2.08	0.019	0.08	<0.1	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
H L21N 14E	Soil	7	27	0.43	100	0.052	3	1.44	0.024	0.05	<0.1	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
H L21N 15E	Soil	16	71	0.97	185	0.041	2	2.47	0.022	0.06	<0.1	0.04	6.8	<0.1	<0.05	7	<0.5	<0.2
H L21N 16E	Soil	12	60	0.57	211	0.011	1	2.03	0.017	0.07	<0.1	0.03	7.0	<0.1	<0.05	5	<0.5	<0.2
H L21N 17E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
H L21N 18E	Soil	11	87	5.13	176	0.073	3	2.42	0.027	0.05	<0.1	<0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
H L22N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 01E	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
H L22N 02E	Soil	1.1	27.6	8.2	54	<0.1	18.3	11.1	523	2.27	3.3	0.5	<0.5	0.9	52	0.6	0.3	0.1	57	0.51	0.069
H L22N 03E	Soil	0.6	12.0	4.7	19	<0.1	9.1	4.0	189	0.94	1.2	0.3	<0.5	0.2	38	0.2	0.1	<0.1	27	0.32	0.053
H L22N 04E	Soil	0.2	17.1	6.7	57	0.1	17.8	6.5	113	1.45	1.7	1.2	2.4	0.6	49	0.4	0.3	0.1	35	0.51	0.102
H L22N 05E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 06E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 07E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 09E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 10E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 11E	Soil	0.8	19.4	16.9	50	<0.1	24.7	9.1	676	2.45	6.3	0.6	1.6	2.1	11	0.1	0.4	0.3	47	0.18	0.060
H L22N 12E	Soil	0.3	36.4	5.7	65	<0.1	365.4	42.4	842	4.63	3.5	0.7	<0.5	2.3	77	<0.1	0.1	0.2	73	0.95	0.086
H L22N 13E	Soil	0.6	29.5	7.4	60	<0.1	141.3	22.2	828	3.76	6.2	0.6	5.6	2.4	40	0.1	0.2	0.1	84	0.62	0.111
H L22N 14E	Soil	0.3	21.7	3.3	30	0.1	15.2	4.8	190	1.22	2.2	0.6	1.5	0.2	69	0.2	0.1	<0.1	31	0.98	0.085
H L22N 15E	Soil	0.2	9.0	2.1	18	<0.1	5.1	4.4	193	1.20	1.5	0.3	<0.5	0.2	40	<0.1	<0.1	<0.1	40	0.38	0.057
H L22N 16E	Soil	0.6	24.4	6.7	58	<0.1	48.1	15.3	652	3.33	6.7	0.6	<0.5	2.5	46	0.1	0.3	0.1	76	0.53	0.095
H L22N 17E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 18E	Soil	0.6	23.1	4.7	52	0.1	28.1	9.5	372	3.20	4.5	1.0	<0.5	2.3	63	<0.1	0.2	<0.1	77	0.79	0.134
H L23N 00E	Soil	0.9	19.2	7.7	55	<0.1	23.2	10.4	406	3.10	11.2	0.5	1.7	1.8	40	0.2	0.5	0.2	73	0.40	0.057
H L23N 01E	Soil	1.3	26.0	9.0	59	<0.1	39.5	14.6	716	2.95	36.2	0.6	1.4	0.8	62	0.3	1.1	0.1	66	0.61	0.092
H L23N 02E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L23N 03E	Soil	0.5	23.0	2.7	19	0.1	8.7	2.7	159	0.68	1.9	0.5	<0.5	0.2	75	0.3	0.2	<0.1	12	0.64	0.082
H L23N 04E	Soil	0.4	16.3	4.1	42	<0.1	18.5	6.5	220	1.86	2.6	0.5	2.7	1.4	36	<0.1	0.3	<0.1	41	0.43	0.064
H L23N 05E	Soil	0.7	30.9	8.8	77	<0.1	34.1	17.1	698	4.05	13.6	0.7	3.0	3.7	67	<0.1	0.3	0.2	97	0.61	0.128
H L23N 06E	Soil	0.6	17.9	5.6	62	<0.1	20.8	8.1	426	2.07	4.5	0.6	3.1	0.5	27	0.1	0.3	0.1	50	0.32	0.109
H L23N 07E	Soil	0.9	18.1	10.7	57	0.2	21.2	7.9	257	2.11	10.6	0.9	8.4	2.6	18	0.1	0.8	0.3	50	0.29	0.100
H L23N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L23N 09E	Soil	1.2	19.4	5.6	26	0.2	9.2	5.3	643	1.62	4.1	0.5	3.2	0.2	30	0.2	0.4	0.1	39	0.42	0.090
H L23N 10E	Soil	0.5	18.4	9.0	57	<0.1	25.2	9.8	297	2.49	4.3	0.7	5.5	2.9	29	0.1	0.4	0.2	53	0.48	0.113
H L23N 11E	Soil	0.7	34.3	8.1	55	<0.1	213.4	25.1	585	3.85	5.7	0.6	1.2	1.9	30	<0.1	0.3	0.1	81	0.43	0.100
H L23N 12E	Soil	1.1	23.1	6.7	60	<0.1	53.3	16.9	559	4.17	6.6	0.5	1.7	1.7	34	0.2	0.3	0.1	108	0.41	0.071



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L22N 02E	Soil	8	33	0.46	94	0.061	5	1.30	0.025	0.07	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
H L22N 03E	Soil	4	17	0.17	62	0.027	1	0.69	0.028	0.04	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
H L22N 04E	Soil	17	39	0.48	154	0.031	2	1.75	0.022	0.05	<0.1	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
H L22N 05E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 06E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 07E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 09E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 10E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 11E	Soil	13	29	0.57	101	0.019	2	1.95	0.008	0.12	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
H L22N 12E	Soil	11	157	6.29	131	0.098	2	2.92	0.020	0.05	<0.1	0.02	7.8	<0.1	<0.05	8	<0.5	<0.2
H L22N 13E	Soil	11	97	2.34	200	0.089	2	2.61	0.016	0.07	0.1	<0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
H L22N 14E	Soil	6	25	0.35	102	0.022	2	1.11	0.029	0.05	<0.1	0.03	1.8	<0.1	0.06	3	<0.5	<0.2
H L22N 15E	Soil	6	10	0.12	65	0.049	1	0.80	0.041	0.03	<0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
H L22N 16E	Soil	10	53	1.10	282	0.074	3	2.65	0.021	0.08	0.1	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
H L22N 17E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L22N 18E	Soil	14	41	0.60	228	0.021	1	1.75	0.020	0.07	<0.1	0.02	9.0	<0.1	<0.05	4	<0.5	<0.2
H L23N 00E	Soil	8	50	0.61	100	0.063	2	2.12	0.018	0.06	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
H L23N 01E	Soil	9	70	0.81	186	0.034	3	2.29	0.023	0.08	0.1	0.04	4.6	0.1	<0.05	6	<0.5	0.3
H L23N 02E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L23N 03E	Soil	5	11	0.15	93	0.017	2	0.89	0.030	0.03	<0.1	0.05	0.9	<0.1	0.06	2	<0.5	<0.2
H L23N 04E	Soil	8	34	0.57	130	0.054	2	1.46	0.023	0.05	0.1	0.02	3.0	<0.1	0.08	4	<0.5	<0.2
H L23N 05E	Soil	18	123	1.44	200	0.054	2	3.20	0.019	0.06	0.1	<0.01	8.5	<0.1	<0.05	8	<0.5	<0.2
H L23N 06E	Soil	13	39	0.61	128	0.029	2	1.89	0.016	0.05	0.1	0.02	2.1	<0.1	0.06	5	<0.5	0.3
H L23N 07E	Soil	24	36	0.64	105	0.038	2	1.78	0.012	0.07	0.3	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
H L23N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L23N 09E	Soil	11	22	0.24	97	0.020	1	1.18	0.021	0.04	0.1	0.04	1.5	<0.1	0.12	4	<0.5	<0.2
H L23N 10E	Soil	17	41	0.83	110	0.053	2	1.77	0.014	0.07	0.2	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
H L23N 11E	Soil	11	236	3.00	142	0.077	3	2.53	0.014	0.06	<0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
H L23N 12E	Soil	9	107	1.33	155	0.056	2	3.14	0.013	0.06	0.1	0.03	5.7	<0.1	<0.05	8	<0.5	0.2



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Project: NHL-10551-YT-HAY
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
H L23N 13E	Soil	1.0	45.5	7.3	60	0.2	27.5	15.1	1141	3.20	5.3	1.0	1.6	0.8	76	0.4	0.3	0.1	71	1.00	0.198
H L23N 14E	Soil	0.7	26.8	4.7	66	<0.1	32.8	19.3	858	4.25	3.9	0.8	1.1	2.6	50	<0.1	0.1	<0.1	90	0.72	0.167
H L23N 15E	Soil	0.7	29.3	5.2	67	0.1	32.6	14.8	541	3.62	5.9	1.0	3.7	1.2	71	0.1	0.2	0.1	84	0.70	0.123
H L23N 16E	Soil	0.6	18.7	3.8	28	0.1	11.1	7.1	466	1.55	2.8	0.6	1.9	0.3	39	0.1	0.2	<0.1	38	0.47	0.080
H L23N 17E	Soil	0.5	23.4	5.6	47	<0.1	33.6	12.5	549	2.99	6.8	0.5	0.8	2.7	29	<0.1	0.4	0.1	69	0.34	0.058
H L23N 18E	Soil	1.0	23.6	5.8	50	<0.1	30.5	16.6	716	4.39	6.6	1.0	0.8	2.7	38	<0.1	0.2	<0.1	99	0.49	0.094
H L24N 00E	Soil	1.3	29.3	9.9	69	<0.1	59.2	15.8	640	3.55	13.1	0.5	1.3	1.7	50	0.2	1.0	0.1	83	0.59	0.065
H L24N 01E	Soil	0.7	30.0	5.0	63	<0.1	24.9	11.2	511	2.71	5.5	0.6	2.0	0.7	78	0.3	0.4	0.1	60	0.77	0.120
H L24N 02E	Soil	0.6	22.0	6.0	62	<0.1	30.7	12.3	451	3.02	5.8	0.6	1.1	2.0	52	0.1	0.3	<0.1	66	0.54	0.087
H L24N 03E	Soil	0.8	36.5	6.7	59	0.1	28.4	11.1	445	3.11	7.5	1.2	1.9	1.2	82	0.1	0.4	0.1	71	0.80	0.104
H L24N 04E	Soil	0.7	22.4	7.7	61	<0.1	27.8	11.1	553	3.00	8.5	0.7	0.7	3.1	45	0.1	0.3	0.1	68	0.56	0.069
H L24N 05E	Soil	0.6	20.4	7.3	55	<0.1	27.8	10.6	442	2.87	6.6	0.5	2.7	2.2	46	<0.1	0.3	0.2	67	0.47	0.064
H L24N 06E	Soil	0.4	17.2	7.3	52	<0.1	22.4	8.7	279	2.38	3.6	0.7	1.5	2.6	37	0.1	0.2	0.2	65	0.42	0.065
H L24N 07E	Soil	0.8	22.2	6.3	52	<0.1	21.6	8.8	462	2.40	5.6	0.7	2.6	0.8	50	<0.1	0.3	0.1	62	0.55	0.101
H L24N 08E	Soil	0.5	17.2	7.1	60	<0.1	42.8	12.4	345	2.93	4.0	0.7	<0.5	2.8	48	<0.1	0.2	0.1	71	0.63	0.119
H L24N 09E	Soil	0.5	22.8	6.7	70	<0.1	52.4	15.0	410	3.19	4.9	0.6	2.7	2.2	41	<0.1	0.3	0.1	77	0.61	0.120
H L24N 10E	Soil	0.8	29.6	7.7	76	<0.1	112.3	21.8	712	4.09	6.0	0.6	2.1	0.7	52	0.1	0.4	0.1	99	0.79	0.136
H L24N 11E	Soil	0.3	35.1	6.0	69	<0.1	57.7	22.0	322	3.28	4.1	0.7	1.5	1.9	45	0.2	0.3	<0.1	89	0.76	0.128
H L24N 12E	Soil	0.6	34.6	5.3	66	0.1	39.6	18.8	1089	3.97	3.7	0.7	1.0	2.6	46	<0.1	0.3	0.1	100	0.78	0.164
H L24N 13E	Soil	0.9	30.0	6.3	57	<0.1	31.9	14.3	682	3.14	5.6	0.6	1.0	0.7	47	0.2	0.4	0.1	68	0.56	0.101
H L24N 14E	Soil	0.8	30.5	5.6	62	0.1	35.3	15.9	765	3.56	6.5	0.7	1.3	1.6	45	0.1	0.3	0.1	84	0.53	0.107
H L24N 15E	Soil	0.7	26.9	6.2	60	<0.1	35.4	13.4	502	3.46	8.7	0.9	1.2	2.0	60	0.1	0.3	0.1	80	0.67	0.112
H L24N 16E	Soil	0.9	24.4	8.2	54	<0.1	23.2	13.8	1014	3.92	8.4	1.2	1.1	1.5	51	0.1	0.3	0.1	96	0.70	0.093
H L24N 17E	Soil	0.6	20.3	5.3	55	<0.1	25.7	13.4	726	3.74	5.7	1.0	2.0	3.3	44	<0.1	0.2	<0.1	92	0.61	0.113
H L24N 18E	Soil	1.3	28.2	5.5	60	<0.1	30.3	15.8	614	3.95	9.0	1.0	<0.5	3.2	122	<0.1	0.1	<0.1	144	0.88	0.206
H L25N 00E	Soil	0.9	29.0	4.2	33	0.3	14.7	7.4	406	2.01	5.3	0.8	1.6	0.2	80	0.2	0.3	<0.1	52	0.75	0.092
H L25N 01E	Soil	0.7	31.5	5.0	56	<0.1	32.5	12.6	492	3.08	7.8	0.7	1.5	1.1	83	0.2	0.4	<0.1	67	0.68	0.091
H L25N 02E	Soil	0.4	19.8	2.5	30	0.1	8.5	4.1	236	0.99	3.0	0.5	0.7	0.2	91	0.1	0.2	<0.1	25	0.78	0.070
H L25N 03E	Soil	0.8	38.2	8.5	69	0.1	33.5	13.6	731	3.25	9.1	1.2	1.9	2.1	80	0.2	0.4	0.2	73	0.79	0.099
H L25N 04E	Soil	0.8	23.2	8.9	49	<0.1	27.2	10.4	571	2.78	9.2	1.2	2.4	2.2	46	0.1	0.4	0.2	61	0.44	0.081



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L23N 13E	Soil	13	59	0.80	211	0.014	1	2.72	0.014	0.08	<0.1	0.04	4.9	<0.1	0.10	7	<0.5	0.2
H L23N 14E	Soil	15	93	1.03	177	0.007	1	2.53	0.016	0.09	<0.1	0.02	8.1	<0.1	<0.05	7	<0.5	0.3
H L23N 15E	Soil	14	72	1.06	204	0.046	2	2.65	0.021	0.06	<0.1	0.03	6.4	<0.1	0.06	7	<0.5	<0.2
H L23N 16E	Soil	7	18	0.30	140	0.030	2	1.35	0.022	0.04	<0.1	0.03	1.7	<0.1	0.07	4	<0.5	0.2
H L23N 17E	Soil	9	42	0.78	197	0.082	2	2.39	0.015	0.07	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
H L23N 18E	Soil	11	76	0.52	195	0.009	<1	2.30	0.009	0.06	<0.1	0.03	10.0	<0.1	<0.05	6	<0.5	<0.2
H L24N 00E	Soil	10	97	1.28	162	0.071	5	2.32	0.025	0.09	0.2	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
H L24N 01E	Soil	10	47	0.74	192	0.032	2	1.92	0.021	0.07	<0.1	0.03	4.0	<0.1	0.07	5	<0.5	0.2
H L24N 02E	Soil	11	53	0.90	183	0.064	2	1.84	0.026	0.08	<0.1	0.01	4.0	<0.1	<0.05	5	<0.5	0.3
H L24N 03E	Soil	15	61	0.91	221	0.053	4	2.14	0.021	0.08	<0.1	0.07	6.0	<0.1	0.10	6	<0.5	0.3
H L24N 04E	Soil	13	46	0.80	194	0.079	2	1.98	0.021	0.09	0.1	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
H L24N 05E	Soil	13	50	0.81	134	0.057	2	1.84	0.016	0.07	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
H L24N 06E	Soil	18	46	0.58	118	0.074	1	1.64	0.020	0.07	<0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
H L24N 07E	Soil	12	37	0.49	177	0.057	2	2.02	0.020	0.08	0.1	0.03	3.4	<0.1	0.06	6	<0.5	<0.2
H L24N 08E	Soil	14	63	1.07	164	0.062	1	1.98	0.016	0.07	0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
H L24N 09E	Soil	12	79	1.29	180	0.083	2	2.68	0.019	0.08	0.1	0.01	4.8	<0.1	<0.05	7	<0.5	<0.2
H L24N 10E	Soil	9	144	2.20	187	0.047	2	2.83	0.012	0.06	<0.1	0.01	4.9	<0.1	0.07	9	<0.5	<0.2
H L24N 11E	Soil	14	103	1.75	256	0.059	2	3.17	0.023	0.07	<0.1	0.02	7.9	<0.1	<0.05	8	<0.5	<0.2
H L24N 12E	Soil	19	92	1.44	146	0.022	<1	2.88	0.014	0.10	<0.1	0.02	10.9	<0.1	<0.05	7	<0.5	<0.2
H L24N 13E	Soil	10	52	0.81	188	0.038	2	2.26	0.015	0.08	<0.1	0.04	3.5	<0.1	0.05	7	<0.5	<0.2
H L24N 14E	Soil	12	72	1.05	212	0.068	3	2.64	0.026	0.06	0.1	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
H L24N 15E	Soil	15	57	0.83	297	0.042	3	2.70	0.023	0.08	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
H L24N 16E	Soil	16	55	0.59	257	0.038	3	2.10	0.017	0.10	<0.1	0.03	10.3	<0.1	0.06	7	<0.5	<0.2
H L24N 17E	Soil	15	55	0.67	276	0.041	1	1.92	0.015	0.08	<0.1	0.01	13.4	<0.1	<0.05	5	<0.5	<0.2
H L24N 18E	Soil	16	89	0.44	683	0.005	3	1.44	0.018	0.09	<0.1	<0.01	10.4	<0.1	<0.05	4	<0.5	<0.2
H L25N 00E	Soil	12	29	0.35	154	0.031	2	1.52	0.022	0.05	<0.1	0.06	3.0	<0.1	0.10	5	<0.5	0.3
H L25N 01E	Soil	13	57	0.88	193	0.045	2	2.22	0.019	0.06	0.1	0.03	5.4	<0.1	0.07	6	<0.5	<0.2
H L25N 02E	Soil	6	15	0.22	101	0.021	2	0.87	0.034	0.04	<0.1	0.04	1.8	<0.1	0.09	3	<0.5	<0.2
H L25N 03E	Soil	19	67	1.04	233	0.046	2	2.40	0.028	0.10	<0.1	0.05	9.1	<0.1	<0.05	7	<0.5	<0.2
H L25N 04E	Soil	16	43	0.65	182	0.038	<1	1.79	0.024	0.06	<0.1	0.08	5.4	<0.1	0.05	5	<0.5	<0.2



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Project: NHL-10551-YT-HAY
Report Date: August 18, 2010

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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
H L25N 05E	Soil		0.8	11.9	5.7	23	<0.1	7.0	4.0	126	1.38	3.6	0.3	0.5	0.9	18	<0.1	0.3	0.1	36	0.12	0.028		
H L25N 06E	Soil		0.8	18.6	7.9	51	<0.1	28.5	11.9	396	3.10	7.8	0.5	2.4	3.1	24	0.2	0.5	0.2	70	0.29	0.056		
H L25N 07E	Soil		0.8	22.5	6.4	54	<0.1	21.2	10.4	488	2.59	5.6	0.8	2.1	0.7	65	0.2	0.4	0.1	58	0.90	0.153		
H L25N 08E	Soil		0.3	10.8	2.6	9	<0.1	4.2	1.9	116	0.60	1.2	0.3	1.2	0.2	38	<0.1	0.2	<0.1	16	0.39	0.062		
H L25N 09E	Soil		0.4	18.7	6.7	70	<0.1	47.9	12.9	295	3.10	3.5	0.9	1.0	1.5	77	<0.1	0.4	0.1	76	0.80	0.118		
H L25N 10E	Soil		0.4	30.8	6.7	59	<0.1	56.6	14.2	302	3.63	4.5	1.1	2.9	3.7	55	<0.1	0.3	0.2	81	0.74	0.121		
H L25N 11E	Soil		0.5	26.4	6.2	66	<0.1	48.2	14.6	371	3.25	5.7	0.6	2.8	2.7	38	<0.1	0.3	0.1	73	0.58	0.125		
H L25N 12E	Soil		0.6	31.4	7.7	62	<0.1	42.1	17.4	799	3.71	6.7	0.8	1.0	1.6	50	0.2	0.4	0.1	89	0.63	0.102		
H L25N 13E	Soil		1.0	25.0	7.2	58	<0.1	36.3	14.5	630	3.30	6.7	0.7	3.1	2.3	39	0.1	0.4	0.1	83	0.43	0.085		
H L25N 14E	Soil		0.5	24.0	4.8	50	<0.1	33.5	12.8	424	2.85	5.5	0.6	2.1	2.2	40	0.1	0.3	0.1	61	0.43	0.083		
H L25N 15E	Soil		0.6	21.3	6.5	42	0.1	18.0	8.7	388	2.24	5.1	1.1	2.4	1.3	62	0.1	0.6	0.1	50	0.67	0.125		
H L25N 16E	Soil		0.8	20.1	7.3	61	<0.1	24.2	14.2	669	3.72	5.1	0.9	2.5	2.3	52	<0.1	0.4	0.1	82	0.73	0.116		
H L25N 17E	Soil		0.4	27.1	5.6	68	<0.1	48.5	20.7	683	4.20	4.8	0.9	1.3	3.2	60	<0.1	0.2	0.1	100	0.80	0.117		
H L25N 18E	Soil		0.4	33.2	7.5	69	<0.1	83.9	23.1	564	4.39	8.4	1.0	1.5	2.6	94	0.1	0.3	<0.1	121	0.99	0.131		
H L26N 00E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 01E	Soil		1.0	26.9	6.3	66	<0.1	34.8	15.0	721	3.42	12.3	0.7	2.3	2.2	55	0.2	0.6	0.1	76	0.57	0.082		
H L26N 02E	Soil		0.4	19.9	7.3	53	<0.1	28.3	11.1	404	2.62	4.6	1.1	19.0	2.8	58	0.1	0.3	0.1	59	0.60	0.114		
H L26N 03E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 04E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 05E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 06E	Soil		0.7	19.0	12.6	51	0.1	17.1	9.4	515	2.97	6.9	1.6	2.7	4.3	43	<0.1	0.4	0.2	77	0.63	0.135		
H L26N 07E	Soil		0.9	22.3	4.0	43	0.1	9.9	5.9	462	1.36	3.2	0.6	3.3	0.3	92	0.5	0.3	<0.1	32	1.11	0.131		
H L26N 08E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 09E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 10E	Soil		0.8	21.5	7.0	64	<0.1	37.4	18.0	192	4.53	8.0	0.9	<0.5	3.3	56	<0.1	0.2	<0.1	100	0.56	0.124		
H L26N 11E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 12E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 13E	Soil		0.6	26.9	7.8	61	<0.1	38.5	13.4	644	3.61	7.5	0.6	2.1	3.3	21	0.2	0.4	0.1	75	0.25	0.066		
H L26N 14E NS	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
H L26N 15E	Soil		0.7	24.5	9.7	72	<0.1	41.1	19.2	1125	3.63	7.0	1.0	0.6	4.3	59	0.1	0.2	0.2	82	0.66	0.120		



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Project: NHL-10551-YT-HAY
Report Date: August 18, 2010

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L25N 05E	Soil	5	13	0.17	68	0.046	1	1.05	0.034	0.04	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
H L25N 06E	Soil	9	36	0.64	133	0.088	2	2.78	0.020	0.07	0.2	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
H L25N 07E	Soil	11	40	0.66	161	0.035	1	2.01	0.022	0.06	<0.1	0.03	3.9	<0.1	0.08	6	<0.5	<0.2
H L25N 08E	Soil	6	7	0.09	44	0.023	<1	0.78	0.037	0.02	<0.1	0.02	1.0	<0.1	0.08	3	<0.5	<0.2
H L25N 09E	Soil	12	86	1.29	163	0.063	1	2.77	0.019	0.07	<0.1	0.02	6.1	<0.1	<0.05	8	<0.5	<0.2
H L25N 10E	Soil	16	90	1.53	185	0.101	2	2.75	0.029	0.08	<0.1	0.01	10.0	<0.1	<0.05	7	<0.5	<0.2
H L25N 11E	Soil	11	80	1.42	167	0.047	1	3.28	0.019	0.09	<0.1	<0.01	6.9	<0.1	<0.05	7	0.5	<0.2
H L25N 12E	Soil	13	93	1.34	196	0.053	2	3.26	0.023	0.08	<0.1	0.02	6.8	<0.1	<0.05	8	<0.5	<0.2
H L25N 13E	Soil	13	85	0.98	190	0.068	2	2.87	0.022	0.06	<0.1	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2
H L25N 14E	Soil	9	39	0.83	159	0.080	1	2.20	0.030	0.05	0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
H L25N 15E	Soil	14	33	0.56	280	0.032	3	2.69	0.025	0.09	0.1	0.03	3.9	<0.1	0.10	6	0.7	<0.2
H L25N 16E	Soil	13	52	0.65	290	0.033	1	2.29	0.020	0.10	<0.1	0.02	8.5	<0.1	<0.05	7	<0.5	<0.2
H L25N 17E	Soil	18	163	1.11	307	0.010	2	2.91	0.019	0.15	<0.1	<0.01	17.6	<0.1	<0.05	7	<0.5	<0.2
H L25N 18E	Soil	15	239	1.82	219	0.019	2	3.08	0.024	0.16	<0.1	0.02	16.9	<0.1	<0.05	8	<0.5	<0.2
H L26N 00E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 01E	Soil	11	71	0.97	246	0.057	1	2.50	0.024	0.10	<0.1	0.03	7.4	<0.1	<0.05	6	<0.5	<0.2
H L26N 02E	Soil	19	50	0.71	172	0.038	1	2.09	0.020	0.09	<0.1	0.05	6.9	<0.1	<0.05	6	<0.5	<0.2
H L26N 03E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 04E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 05E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 06E	Soil	37	31	0.50	174	0.028	<1	2.08	0.023	0.16	0.1	0.04	6.9	<0.1	<0.05	6	<0.5	<0.2
H L26N 07E	Soil	10	14	0.27	148	0.038	6	1.15	0.040	0.04	<0.1	0.05	1.8	<0.1	0.14	3	0.8	<0.2
H L26N 08E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 09E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 10E	Soil	14	92	1.23	151	0.074	<1	2.58	0.025	0.06	<0.1	0.03	8.1	<0.1	<0.05	8	<0.5	<0.2
H L26N 11E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 12E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 13E	Soil	10	50	0.76	160	0.084	2	3.50	0.020	0.08	0.1	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
H L26N 14E NS	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
H L26N 15E	Soil	13	75	1.01	263	0.025	1	3.19	0.019	0.11	<0.1	<0.01	7.4	<0.1	<0.05	8	<0.5	<0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
H L26N 16E	Soil	0.4	28.3	6.5	70	<0.1	69.9	20.4	520	4.04	6.4	1.1	1.7	3.5	84	0.1	0.2	0.1	108	0.85	0.126
H L26N 17E	Soil	0.6	22.5	7.4	65	<0.1	42.5	18.1	689	3.89	6.3	0.9	1.4	2.0	111	<0.1	0.3	0.1	99	0.83	0.089
H L26N 18E	Soil	0.4	23.9	6.0	55	0.1	32.2	14.0	524	3.65	4.8	1.7	2.3	2.3	161	<0.1	0.2	<0.1	96	1.17	0.127
H L27N 00E	Soil	1.1	26.2	10.9	56	<0.1	43.1	16.0	606	4.12	11.1	0.6	1.6	4.1	17	0.3	1.1	0.2	83	0.21	0.056
H L27N 01E	Soil	0.6	26.8	7.9	64	<0.1	44.0	13.7	684	3.63	7.8	0.9	3.7	3.4	41	0.2	0.5	0.1	73	0.55	0.110
H L27N 02E	Soil	0.4	17.7	6.3	55	<0.1	30.0	11.1	321	2.18	4.1	0.6	2.5	2.6	32	<0.1	0.3	0.1	51	0.41	0.081
H L27N 03E	Soil	0.9	21.4	8.4	54	0.1	34.9	12.1	530	3.40	7.1	0.8	2.0	2.3	35	0.2	0.6	0.1	68	0.36	0.074
H L27N 04E	Soil	1.6	15.8	14.1	64	<0.1	21.8	15.8	1654	3.57	10.4	0.7	2.9	2.1	25	0.2	1.5	0.3	78	0.43	0.085
H L27N 05E	Soil	0.8	15.5	12.5	65	<0.1	21.2	10.7	647	3.25	6.3	0.8	12.4	4.6	18	0.2	0.4	0.1	62	0.21	0.073
H L27N 06E	Soil	0.7	24.1	7.7	58	<0.1	29.8	12.1	454	3.11	7.6	0.6	4.1	4.2	28	0.2	0.5	0.2	69	0.33	0.069
H L27N 07E	Soil	0.6	22.6	8.0	59	<0.1	34.7	13.5	663	3.29	7.2	0.6	5.3	3.3	37	0.2	0.3	0.1	69	0.50	0.095
H L27N 08E	Soil	0.6	22.6	6.7	59	<0.1	33.3	11.0	486	2.59	5.8	0.9	2.3	2.5	61	0.2	0.4	0.1	64	0.66	0.109
H L27N 09E	Soil	0.6	30.0	9.2	71	<0.1	40.7	16.2	768	3.69	8.7	0.7	1.9	3.2	78	0.3	0.4	0.2	78	0.69	0.082
H L27N 10E	Soil	0.6	24.5	6.4	68	<0.1	45.8	16.8	569	3.86	5.7	0.8	1.2	2.5	55	<0.1	0.2	0.1	96	0.74	0.135
H L27N 11E	Soil	0.5	27.0	6.1	64	<0.1	42.5	15.2	585	3.68	6.3	0.7	2.4	2.7	55	<0.1	0.3	0.1	92	0.76	0.115
H L27N 12E	Soil	0.6	19.0	5.1	59	<0.1	21.2	14.4	678	3.44	3.5	0.9	1.2	1.5	35	0.1	0.2	<0.1	97	0.64	0.147
H L27N 13E	Soil	0.7	10.1	3.3	26	<0.1	6.4	3.6	204	1.20	1.9	0.3	<0.5	0.2	21	<0.1	0.2	<0.1	37	0.19	0.046
H L27N 14E	Soil	0.4	28.9	5.3	72	0.1	45.4	21.9	1162	4.14	5.3	1.2	3.2	3.1	115	0.2	0.2	<0.1	98	0.81	0.111
H L27N 15E	Soil	0.3	59.2	3.7	66	<0.1	371.0	51.7	1311	5.65	10.5	0.5	1.2	2.9	98	0.1	0.2	<0.1	121	1.30	0.092
H L27N 16E	Soil	0.4	22.6	6.2	59	<0.1	37.2	18.1	593	4.17	4.5	1.0	<0.5	2.7	123	<0.1	0.3	<0.1	105	0.94	0.102
H L27N 17E	Soil	0.8	18.5	4.7	35	<0.1	20.8	8.8	360	2.23	3.8	0.4	1.3	0.9	37	0.1	0.3	<0.1	59	0.28	0.054
H L27N 18E	Soil	0.4	34.3	6.3	64	<0.1	98.3	27.8	767	4.68	4.3	0.9	2.0	2.4	156	<0.1	0.2	0.1	115	0.92	0.102



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Project: NHL-10551-YT-HAY
Report Date: August 18, 2010

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
H L26N 16E	Soil	17	178	1.64	270	0.030	2	3.05	0.026	0.13	<0.1	0.02	19.3	<0.1	<0.05	8	<0.5	<0.2
H L26N 17E	Soil	13	105	1.81	232	0.064	2	4.15	0.023	0.14	<0.1	0.02	9.1	<0.1	<0.05	10	<0.5	<0.2
H L26N 18E	Soil	13	76	1.54	221	0.032	2	3.02	0.028	0.15	<0.1	0.04	10.4	<0.1	<0.05	8	<0.5	<0.2
H L27N 00E	Soil	10	59	0.74	136	0.098	2	3.07	0.020	0.11	0.1	0.02	5.3	<0.1	<0.05	8	<0.5	0.3
H L27N 01E	Soil	20	64	0.87	276	0.064	2	2.24	0.030	0.11	0.1	0.03	10.2	<0.1	<0.05	6	<0.5	<0.2
H L27N 02E	Soil	14	48	0.71	187	0.051	<1	2.29	0.025	0.09	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
H L27N 03E	Soil	13	50	0.81	162	0.062	1	2.64	0.020	0.09	<0.1	0.03	4.9	<0.1	<0.05	7	<0.5	<0.2
H L27N 04E	Soil	17	41	0.55	124	0.061	4	1.56	0.022	0.11	<0.1	0.04	4.8	<0.1	<0.05	7	<0.5	0.3
H L27N 05E	Soil	14	27	0.51	142	0.040	1	2.39	0.016	0.09	0.1	0.03	5.2	<0.1	<0.05	6	<0.5	<0.2
H L27N 06E	Soil	13	42	0.70	210	0.103	2	2.57	0.025	0.08	0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
H L27N 07E	Soil	13	59	0.97	185	0.088	2	2.52	0.022	0.12	<0.1	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
H L27N 08E	Soil	15	47	0.97	155	0.081	2	2.09	0.031	0.09	<0.1	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
H L27N 09E	Soil	15	62	1.12	202	0.073	2	3.41	0.029	0.10	<0.1	0.03	7.6	<0.1	<0.05	7	<0.5	<0.2
H L27N 10E	Soil	14	88	1.48	262	0.067	<1	3.19	0.020	0.07	<0.1	0.01	6.1	<0.1	<0.05	8	<0.5	<0.2
H L27N 11E	Soil	13	71	1.08	270	0.063	1	3.07	0.018	0.09	0.1	0.02	7.2	<0.1	<0.05	7	<0.5	<0.2
H L27N 12E	Soil	11	55	0.55	184	0.010	1	2.30	0.019	0.06	<0.1	0.02	7.3	<0.1	<0.05	6	<0.5	<0.2
H L27N 13E	Soil	3	14	0.16	55	0.041	2	0.75	0.029	0.04	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
H L27N 14E	Soil	16	126	2.13	229	0.062	2	3.55	0.030	0.22	<0.1	0.02	11.8	<0.1	<0.05	8	<0.5	<0.2
H L27N 15E	Soil	13	328	7.57	246	0.068	5	3.67	0.033	0.21	<0.1	<0.01	16.0	<0.1	<0.05	8	<0.5	<0.2
H L27N 16E	Soil	12	106	2.11	274	0.057	3	4.37	0.028	0.14	<0.1	0.02	10.7	<0.1	<0.05	9	<0.5	<0.2
H L27N 17E	Soil	7	28	0.56	132	0.066	1	1.82	0.024	0.06	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
H L27N 18E	Soil	11	94	3.34	364	0.084	2	3.96	0.038	0.16	<0.1	<0.01	7.1	<0.1	<0.05	9	<0.5	<0.2



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Project: NHL-10551-YT-HAY

Report Date: August 18, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI10000152.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
H L19N 18E	Soil	1.7	34.0	9.3	59	<0.1	69.1	23.7	655	4.77	10.7	0.7	0.8	1.8	31	0.2	0.3	0.2	143	0.30	0.076
REP H L19N 18E	QC	1.8	34.4	9.4	57	<0.1	69.2	23.6	635	4.66	10.2	0.6	0.7	1.7	30	0.2	0.3	0.2	137	0.29	0.076
H L20N 14E	Soil	0.7	29.4	7.8	44	<0.1	44.3	14.3	450	2.99	6.3	0.6	2.2	1.6	55	0.1	0.2	0.2	85	0.60	0.062
REP H L20N 14E	QC	0.7	29.3	8.2	43	<0.1	45.0	14.5	445	3.03	6.5	0.7	<0.5	1.6	56	0.1	0.2	0.2	87	0.60	0.062
H L23N 00E	Soil	0.9	19.2	7.7	55	<0.1	23.2	10.4	406	3.10	11.2	0.5	1.7	1.8	40	0.2	0.5	0.2	73	0.40	0.057
REP H L23N 00E	QC	1.0	19.2	7.5	53	<0.1	24.8	10.4	399	3.03	11.3	0.5	1.2	1.8	40	0.2	0.5	0.2	74	0.41	0.056
H L24N 01E	Soil	0.7	30.0	5.0	63	<0.1	24.9	11.2	511	2.71	5.5	0.6	2.0	0.7	78	0.3	0.4	0.1	60	0.77	0.120
REP H L24N 01E	QC	0.7	31.8	5.1	66	<0.1	25.4	11.5	518	2.75	6.1	0.6	2.6	0.6	79	0.3	0.4	0.1	59	0.82	0.119
H L24N 07E	Soil	0.8	22.2	6.3	52	<0.1	21.6	8.8	462	2.40	5.6	0.7	2.6	0.8	50	<0.1	0.3	0.1	62	0.55	0.101
REP H L24N 07E	QC	1.0	23.3	7.1	59	<0.1	23.1	9.5	471	2.56	6.5	0.7	6.1	0.9	52	0.1	0.4	0.1	65	0.56	0.105
H L25N 04E	Soil	0.8	23.2	8.9	49	<0.1	27.2	10.4	571	2.78	9.2	1.2	2.4	2.2	46	0.1	0.4	0.2	61	0.44	0.081
REP H L25N 04E	QC	1.0	21.1	9.8	50	<0.1	24.3	10.2	584	2.64	8.7	1.2	2.0	2.3	44	0.1	0.4	0.2	62	0.44	0.079
H L27N 07E	Soil	0.6	22.6	8.0	59	<0.1	34.7	13.5	663	3.29	7.2	0.6	5.3	3.3	37	0.2	0.3	0.1	69	0.50	0.095
REP H L27N 07E	QC	0.6	22.2	7.4	58	<0.1	37.2	13.4	658	3.32	7.6	0.6	1.6	3.5	39	0.2	0.4	0.1	76	0.53	0.096
H L27N 18E	Soil	0.4	34.3	6.3	64	<0.1	98.3	27.8	767	4.68	4.3	0.9	2.0	2.4	156	<0.1	0.2	0.1	115	0.92	0.102
REP H L27N 18E	QC	0.4	34.9	6.8	66	<0.1	96.0	27.7	778	4.63	4.3	0.9	1.7	2.3	158	<0.1	0.2	0.1	115	0.91	0.102
Reference Materials																					
STD DS7	Standard	22.0	113.4	64.2	401	1.0	55.0	9.4	617	2.38	53.3	4.7	71.2	4.3	75	5.9	5.7	4.5	85	0.97	0.079
STD DS7	Standard	18.9	111.1	68.0	365	0.9	54.4	9.4	591	2.32	49.8	4.7	74.0	4.7	66	6.0	5.4	4.7	84	0.88	0.076
STD DS7	Standard	20.6	106.7	78.4	405	0.9	58.7	10.1	625	2.47	52.3	5.3	72.2	5.2	73	5.6	6.5	4.9	84	1.04	0.077
STD DS7	Standard	23.7	122.1	75.6	433	1.0	63.1	10.3	680	2.64	54.8	5.2	73.3	5.0	80	6.5	6.3	4.9	94	1.06	0.079
STD DS7	Standard	25.2	137.5	72.8	458	1.4	55.1	11.5	704	2.72	57.8	5.4	87.5	5.6	86	7.1	6.6	4.8	87	0.94	0.082
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Project: NHL-10551-YT-HAY

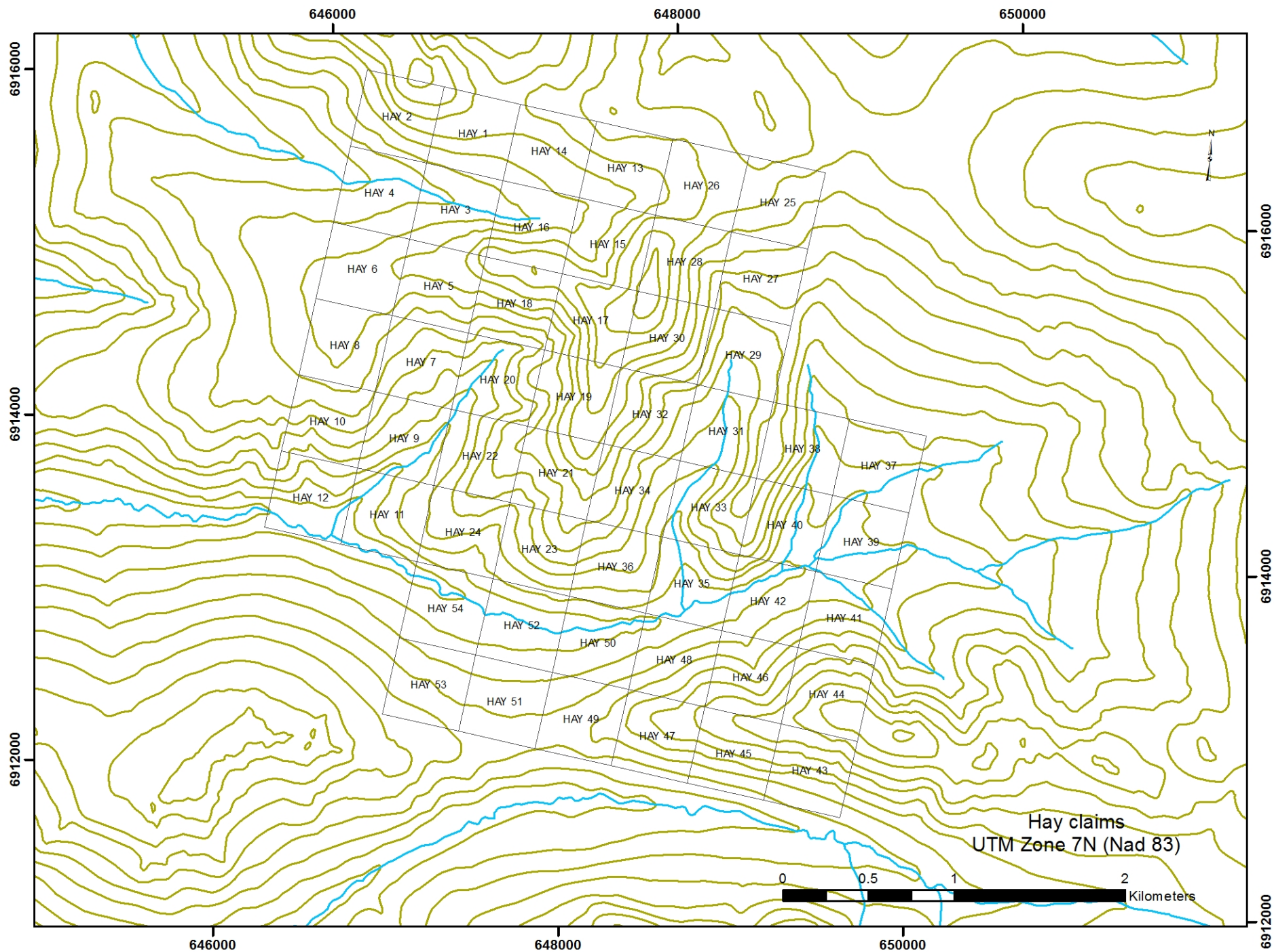
Report Date: August 18, 2010

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QUALITY CONTROL REPORT

WHI10000152.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
H L19N 18E	Soil	7	82	1.87	199	0.236	2	3.25	0.035	0.08	0.1	0.02	5.0	<0.1	<0.05	12	<0.5	<0.2
REP H L19N 18E	QC	7	79	1.87	195	0.223	2	3.21	0.034	0.08	0.1	0.02	4.9	<0.1	<0.05	11	<0.5	<0.2
H L20N 14E	Soil	9	44	1.15	195	0.121	3	2.58	0.042	0.06	0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
REP H L20N 14E	QC	9	45	1.16	191	0.124	2	2.67	0.043	0.06	0.2	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
H L23N 00E	Soil	8	50	0.61	100	0.063	2	2.12	0.018	0.06	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
REP H L23N 00E	QC	7	48	0.60	97	0.063	2	2.13	0.018	0.06	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
H L24N 01E	Soil	10	47	0.74	192	0.032	2	1.92	0.021	0.07	<0.1	0.03	4.0	<0.1	0.07	5	<0.5	0.2
REP H L24N 01E	QC	10	48	0.73	194	0.035	2	1.87	0.021	0.08	<0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
H L24N 07E	Soil	12	37	0.49	177	0.057	2	2.02	0.020	0.08	0.1	0.03	3.4	<0.1	0.06	6	<0.5	<0.2
REP H L24N 07E	QC	12	40	0.52	194	0.063	4	2.06	0.021	0.09	0.2	0.02	3.7	<0.1	0.08	6	<0.5	0.4
H L25N 04E	Soil	16	43	0.65	182	0.038	<1	1.79	0.024	0.06	<0.1	0.08	5.4	<0.1	0.05	5	<0.5	<0.2
REP H L25N 04E	QC	17	41	0.64	190	0.032	1	1.75	0.019	0.06	0.1	0.04	5.3	<0.1	<0.05	6	<0.5	<0.2
H L27N 07E	Soil	13	59	0.97	185	0.088	2	2.52	0.022	0.12	<0.1	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
REP H L27N 07E	QC	14	58	1.03	196	0.088	1	2.60	0.024	0.11	<0.1	0.02	5.3	<0.1	<0.05	7	<0.5	<0.2
H L27N 18E	Soil	11	94	3.34	364	0.084	2	3.96	0.038	0.16	<0.1	<0.01	7.1	<0.1	<0.05	9	<0.5	<0.2
REP H L27N 18E	QC	12	96	3.37	365	0.083	3	4.02	0.038	0.16	<0.1	<0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS7	Standard	13	206	1.06	406	0.124	40	1.08	0.105	0.46	3.9	0.22	2.4	4.2	0.22	5	3.0	1.8
STD DS7	Standard	12	203	1.00	382	0.112	37	0.99	0.090	0.43	3.6	0.22	2.2	4.0	0.26	4	3.2	1.3
STD DS7	Standard	15	221	1.01	393	0.145	38	1.16	0.117	0.52	4.0	0.23	2.7	4.3	0.20	5	3.5	1.4
STD DS7	Standard	15	241	1.14	429	0.143	41	1.15	0.110	0.50	4.1	0.23	2.7	4.3	0.20	5	3.7	2.3
STD DS7	Standard	17	268	1.13	439	0.136	40	1.16	0.104	0.43	4.0	0.23	3.0	4.3	0.25	6	3.8	1.7
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



2010 YUKON MINERAL EXPLORATION ITEM OR JOB #	COMPANY INVOICE
AURORA DAY, HAY SOIL SAMPLING Advance Invoice - Client advance chargeable	AURORA INVOICE # 9527
AURORA HAY SOIL SAMPLING Service Invoice	AURORA INVOICE # 9669
ACME WHI10000151 HAY	ACME INVOICE # VANI055717
ACME WHI10000152 HAY	ACME INVOICE # VANI056901
TRANS NORTH HELICOPTERS HAY PROPERTY	TRANS NORTH # 47086
TRANS NORTH HELICOPTERS HAY PROPERTY	TRANS NORTH # 47095
TOTAL (INCLUDES GST)	



QW28659
mk

TOTAL CHARGE	BAY PROJECT APPLICATION	DATE
\$ 12,000.00	\$ 6,000.00	16-Jun-10
\$ 10,881.50	\$ 10,881.50	July 13-19, 2010
\$ 5,393.85	\$ 5,393.85	JUL10
\$ 2,355.17	\$ 2,355.17	JUL10
\$ 5,059.32	\$ 5,059.32	JUL10
\$ 1,897.25	\$ 1,897.25	JUL10
	\$ 31,587.09	



ML