KLUANE DRILLING LTD.
14 MacDonald Road
Whitehorse, Yukon
Y1A 1L2

ASSESSMENT REPORT ON THE

2010 DIAMOND DRILLING PROGRAM

ON

Bob 6 76097

Heather 4 76500

Claims

Whitehorse Copper Belt

June 1 – October 31, 2010

60° 38' 00" N and 135° 00' 00" E

NTS 105 D/11

In the

Whitehorse Mining District
Yukon Territory

Prepared by
R. Stroshein, P.Eng.

May 20, 2011

TABLE OF CONTENTS

FIGURES

LIST OF APPENDICES

1.0 SUMMARY

On the Whitehorse Copper Belt iron-rich magnetite skarns contain abundant serpentine, talc and chlorite. Calc-silicate skarn deposits contain only minor magnetite and serpentine but are rich in garnet, tremolite, wollastonite, actinolite and diopside. The Little Chief and Arctic Chief deposits were composed of the Iron-rich skarns with chalcopyrite, bornite and covellite mineralization.

A single drill hole was completed in 2010 on the Arctic Chief copper-gold skarn target. The Arctic Chief skarn Zone is hosted by Lewes River Group (uTrAK2) limestone. The mineralization is contained within a pendant of sedimentary rocks bounded on three sides by diorite of the Whitehorse Batholith. The pendant is located in the Whitehorse Copper Belt within the Whitehorse City limits in the Whitehorse Mining District on NTS Map Sheet 105 D 11. The drill hole is located on the Heather 4 (76500) quartz claim.

The Arctic Chief pendant is located 2.5 kilometres north of the Little Chief Mine that produced 8.5 million tonnes of ore grading 1.5 % copper, 0.75 g/t gold and 9.1 g/t silver between 1967 and 1982. The Arctic Chief was mined from shallow pits on the western boundary of the Pendant. The open pits produced 223,000 tonnes grading 1.44% copper, 1.03 g/t gold and 17.14 g/t silver.

A single drill hole was completed in 2010 on the North Star copper-gold skarn target. The North Star skarn zone is hosted by Lewes River Formation limestone. The mineralization is contained within a pendant of sedimentary rocks bounded on three sides by diorite of the Whitehorse Batholith. The pendant is located in the Whitehorse Copper Belt within the Whitehorse City limits in the Whitehorse Mining District on NTS Map Sheet 105 D 11 (Figure 1. Location Map). The drill hole is located on the Bob 6 (76097) quartz claim.

The North Star pendant is located 1.5 kilometres south of the Little Chief Mine that produced 8.5 million tonnes of ore grading 1.5 % copper, 0.75 g/t gold and 9.1 g/t silver between 1967 and 1982. The North Star pendant was explored with diamond drilling in the late 1970's. Significant copper-rich skarn mineralization is located near the base of a buried limestone reef at approximately the 300 metre above sea level (asl) elevation. Reported grades are similar to the Little Chief and Middle Chief deposits.

At the Arctic Chief pendant the prospective mineralized horizon has been well defined by mapping and diamond drilling. No significant skarn mineralization was intersected in the 2010 diamond drill hole. The drill hole successfully intersected the prospective contact horizon and drill across the pendant by collaring in diorite on the east side of the pendant and terminating in diorite on the west side of the pendant. The highest assay sample was from a 0.85 metre interval of copper oxide in an endoskarn that graded 1.11% copper and 11.3 g/t silver.

The mineralization at the North Star is erratic, being partly controlled by proximity to the intrusive contact that is irregular and variabily gradational. Twenty-two drill holes with an aggregate meterage of 10,000 metres have been drilled on the pendant. Whitehorse Copper Mines considered the project an exploration target with an indicated resource of 800,000 tonnes grading 1.5 % copper in the footwall zone. A high-grade zone (14.5 metres grading 5.0 % copper) was intersected in a hanging-wall zone at approximately the 440 metre (asl) elevation.

The 2010 diamond drill hole NS-10-25 intersected multiple bands of skarn mineralization and ended in diorite. The magnetite skarn zone intersected between 211.0 – 217.0 metres yielded values of 2.17 % copper, 18.8 ppm molybdenum, 0.37 g/t gold and 24.9 g/t silver. The epidote-garnet skarn intersected between 379.0 – 384.0 metres yielded values of 0.99 % copper, 132.6 ppm molybdenum, 0.24 g/t gold and 9.2 g/t silver.

Further diamond drilling is recommended to test the contact horizon on strike to the north in the Arctic Chief Pendant and additional diamond drilling is also recommended to test the continuity and continuation of the North Star Skarn mineralization.

2.0 INTRODUCTION

The prospective contact of the upper Triassic Lewes River Group (uTrAK2) limestone and underlying Jurrassic Laberge Group (JL) greywacke/argillite outcrops on the western edge of the Arctic Chief Pendant and dips steeply to the east. The contact has been mapped at surface and intersected in drill holes along a 300 metre strike length and to a depth of 750 metres (approximately 100 metres above sea level (asl))

The 2010 diamond drill hole is located at UTM co-ordinates 672050 N and 0494250 E (NAD 83) drilled vertical to a depth of 819.9 metres. The drill hole was designed to test the limestone argillite/greywacke contact within the pendant. The contact has been mapped at surface and located in several historic drill holes at depth and along strike.

The drill hole was drilled between June 1 and June 30, 2011 by Kluane Drilling Ltd. Core was logged by R. Stroshein and C. Davis. The core was sampled by cutting the core in half with a diamond saw at the Hugh Bostock Core Library by employees of Kluane Drilling Ltd.
R. Stroshein and C. Davis supervised the drilling program and prepared this report.

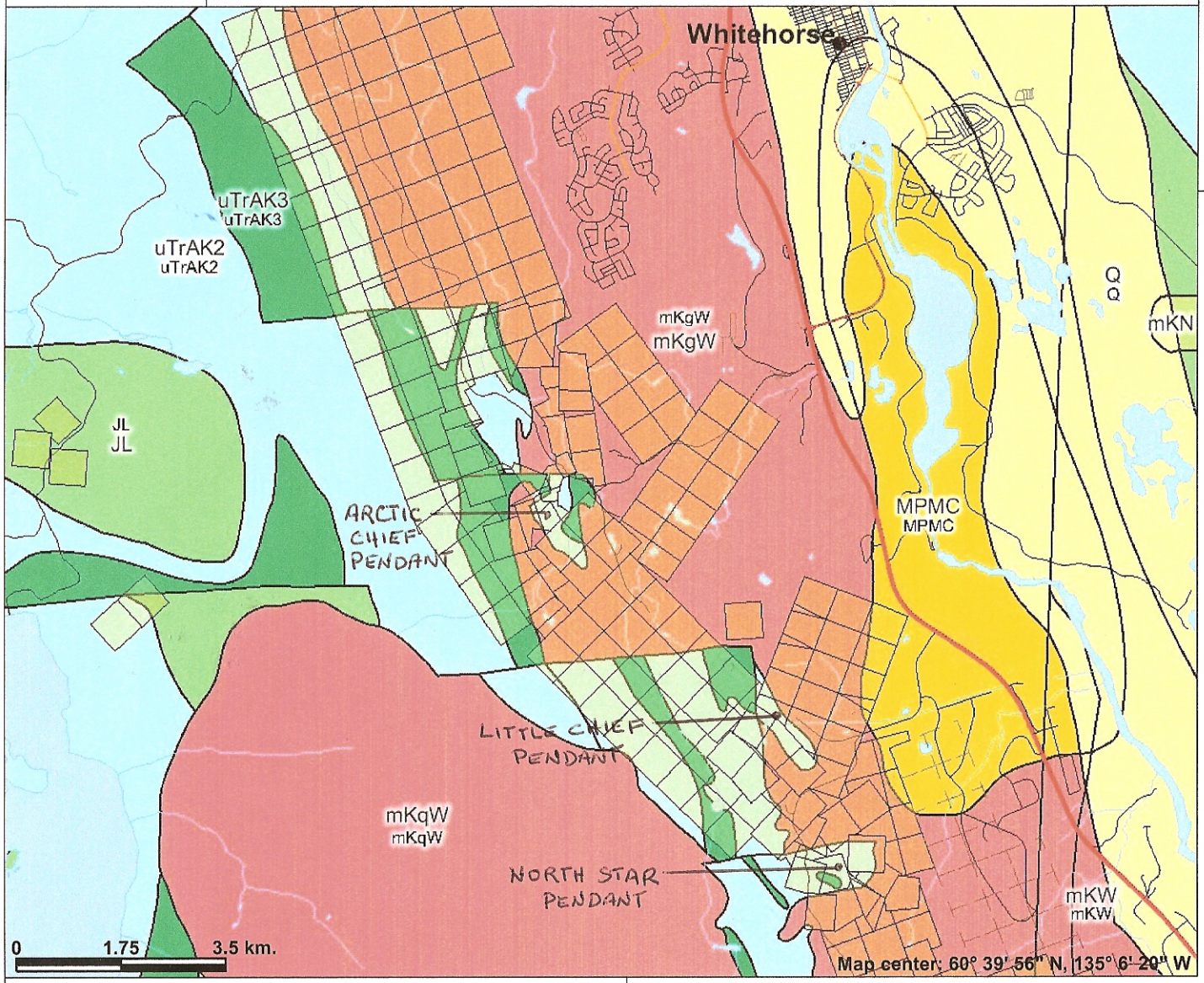
At the North Star Target a buried limestone reef lower contact is shallow dipping to flat lying at approximately 300 metre elevation asl. The hanging wall high grade zone occurs near an apparent apophysis of Diorite located west of the footwall zone. Whitehorse Copper Geologist recommended additional drilling on the footwall and hanging way zones in 1981. The footwall zone is open to the southeast at depths of approximately 550 meters while the high-grade zone is a more economically appealing zone and is open to the north and west.

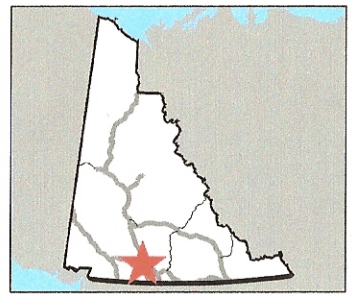
The 2010 diamond drill hole is located at UTM co-ordinates 6720625 N and 0497575 E (Nad 83) drilled vertical to a depth of 589.8 metres. The drill hole was designed to test for the further extent of the upper high-grade copper zone, extended to the footwall zone and test for the lower diorite contact.

The drill hole was drilled between October 14 and 31, 2011 by Kluane Drilling Ltd. Core was logged by Chris Davis and the core was sampled by cutting the core in half with a diamond saw at the Hugh Bostock Core Library by employees of Kluane Drilling Ltd. R. Stroshein supervised the drilling program and prepared this report.

Geology Map Whitehorse Copper Belt

FIGURE 1





Legend

Yukon Border - Surveyed

Quartz Claims

- Active
- Expired

National Road Network - All Roads

- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter

Waterbodies (50k)

- Dry river bed
- Navigable canal
- Sand
- Water disturbance
- Waterbody
- Waterbody

Land and Sea

- Ocean
- Yukon
- Other

Places (All)

- City
- Town
- Municipality
- Village
- Community

Scale: 1:100,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

MIOCENE TO PLIOCENE

MPMC

MPMC: MILES CANYON
dark red to brown weathering, columnar jointed olivine basalt flows, commonly amygdaloidal and vesicular; ultramafic xenoliths **(Miles Canyon Basalt)**

MID-CRETACEOUS

mKW

mKW: WHITEHORSE SUITE
grey, medium to coarse grained, generally equigranular granitic rocks of felsic (q), intermediate (g), locally mafic (d) and rarely syenitic (y) composition

d. hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro **(Whitehorse Suite, Coast Intrusions)**

g. biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite; leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts **(Whitehorse Suite, Casino granodiorite, McClintock granodiodrite, Nisling Range granodiorite)**

q. biotite quartz-monzonite, biotite granite and leucogranite, pink granophyric quartz monzonite, porphyritic biotite leucogranite, locally porphyritic (K-feldspar) hornblende monzonite to syenite, and locally porphyritic leucocratic quartz monzonite **(Mt. McIntyre Suite, Whitehorse Suite, Casino Intrusions, Mt. Ward Granite, Coffee Creek Granite)**

y. hornblende syenite, grading to granite or granodiorite **(Whitehorse Suite)**

UPPER TRIASSIC, CARNIAN TO NORIAN

uTrAK

uTrAK2

uTrAK: AKSALA
mixed clastic-carbonate assemblage divisible into three dominant facies including calcareous greywacke (1), locally thick carbonate (2) and red-coloured clastics (3) **(Aksala)**

1. brown shale, black and minor red siltstone, greenish, calcareous greywacke and interbedded bioclastic, argillaceous limestone; igneous- or limestone-clast pebble and cobble conglomerate; lahaaric debris flows; rare feldspar-augite porphyry flows **(Casca mb. of Aksala)**

2. massive to thick bedded limestone; minor thin bedded argillaceous to sooty limestone; coarsely crystalline, massive dolostone; minor laminated chert; massive to poorly bedded, limestone conglomerate debris flows and fanglomerate **(Hancock mb. of Aksala)**

3. red weathering, medium bedded, green and red greywacke and pebble conglomerate; red shale partings and minor interbedded, red, bioturbated siltstone; crystal-rich greywacke and shale; coarse-grained, tan to brown, massive, lithic arenite **(Mandanna mb. of Aksala)**

3.0 PROPERTY DESCRIPTION AND LOCATION AND ACCESS

The northern portion of the Whitehorse Copper Belt is owned or controlled by H. Coyne and Sons and Kluane Drilling Ltd. H. Coyne and Sons own Kluane Drilling Ltd.

The Property consists of 376 claims and 9 mineral leases and 13 crown grants. The complete listing of the claims is included in Appendix 2. The claim maps showing the claim distribution can be viewed on line at web site:

Http://www.yukonminingrecorder.ca/PDFs/105/105D11.pdf

The Property is located within the City Limits of Whitehorse on NTS Map Sheets 105 D 10/11. The Property is in the Whitehorse Mining District approximately centered at UTM 672500 N and 0494200 E Nad 83. The geology and pendant locations are displayed on figure 1. The geology is from Gordey and Makepeace (1999). The location of the drill hole VRN-10-05 relative to the Heather 4 (76500) quartz claim is displayed on Figure 2.

The claims are traversed by the old Whitehorse Copper Haul Road that carried ore from the War Eagle deposit near the northern end of the belt to the Mill located at the Little Chief mine near the center of the belt. A net work of roads still exists that provides access to all of the known occurrences and targets in the area.

4.0 HISTORY

Copper mineralization was first discovered in 1897 on the Whitehorse Copper Belt as it became to be known. Exploration and mining development have been carried out intermittently since that time with the main production era lasting between 1967 and 1982 where production totaled 267,500,000 pounds copper, 225,000 ounces of gold and 2,838,000 ounces of silver from 11.1 million tons of mineralized skarn ore milled.

The list of references that is included with this report provides a more complete history of the property.

Kluane Drilling Ltd. first acquired claims from Hudson Bay Exploration and Development Company Limited in 1998 and added claims since that time to include the current land position. Kluane Drilling Ltd. has carried out exploration programs on various targets since the acquisition that included; IP surveys, bulldozer trenching and diamond drilling.

Kluane Drilling Ltd. Drilled two (2) deep holes in the Arctic Chief Pendant in 2008 that were located 300 metres north of the open pits and the 2010 diamond drill hole. Significant unmineralized skarn zones were intersected at depths of 400 and 700 metres in these holes. The drill holes have confirmed that the extent of the favorable stratigraphy indicates the potential for a large deposit within the pendant between the two sections. The two (2) drill holes intersected 12.7 metres of garnet skarn at 360 metres asl and 16.2 metres of garnet skarn at 60 metres asl.

Kluane Drilling Ltd. Drilled a single shallow hole at the south side of the North Star Pendant in 2008 the hole did not intersect any skarn mineralization.

5.0 REGIONAL GEOLOGY

The Whitehorse Copper Belt is located within the Whitehorse Trough, a structural/geological subdivision of the Intermontane Belt. The trough trends northwesterly through south central Yukon and is comprised of rocks that formed an Island Arch Complex that ranges from upper Paleozoic through Jurassic time period.

Within the Whitehorse Copper Belt, clastic and carbonate rocks of the Upper Triassic Lewes River Group(uTrAK2) and clastic rocks of the Lower Jurassic Laberge Group (JL) predominate. The copper bearing skarns occur over a length of 32 kilometers along the western flank of the Whitehorse Batholith, a Cretaceous diorite to granodiorite body of the Coast Plutonic Complex.

6.0 METALLOGENY OF THE WHITEHORSE COPPER BELT SKARN DEPOSITS

Ore bodies of the Whitehorse Copper Belt occur mainly within limestone of the Lewes River Group adjacent to or in proximity to the Whitehorse Batholith contact. Skarn deposits commonly form within irregularities or pendants of the batholith. The most extensive ore zones are developed in coarsely crystalline limestones of the Lewes River Group near the contact with quartzite footwall rocks of the Laberge Group where the contact sup-parallels the diorite batholith contact.

The two (2) main types of skarn present are iron-rich that contain magnetite, serpentine, specular hematite, talc, chlorite and local pyrrohtite and pyrite and iron-poor (calc-silicate) that consist of garnet, diopside, wolastonite, tremolite, epidote, chlorite, calcite and quartz. The Little Chief and Arctic Chief deposits were composed of the Iron-rich skarns with chalcopyrite, bornite and covellite mineralization. The copper minerals occur as grains, blebs, pods and stringers that appear to postdate the skarn minerals. Bornite is predominant in the iron-rich skarns and is slightly more abundant than chalcopyrite in the silicate skarns. Silver content is proportional to the copper grade but gold is more erratically distributed, being more abundant in the iron-rich skarn deposits.

7.0 MINERALIZATION OF THE ARCTIC CHIEF AND NORTH STAR PENDANTS

The Arctic Chief deposits were mined by open pit on the western side of the Arctic Chief Pendant. The deposits were composed of copper-rich skarn mineralization along the contact of the Lewes River Group limestone and the Laberge Group greywacke/quartzite. The East and West pits produced 223,000 tonnes of ore grading 1.44% copper, 1.03 g/t gold and 17.14 g/t silver. The gold content was not measured. This deposit contained the highest gold grades in the Whitehorse Copper Belt.

The skarn mineralization in the Arctic Chief deposits consisted of bornite, chalcopyrite, magnetite, vallerlite, chalcocite, tetrahedrite, cuprite and pyrite. The calc-silicate minerals included serpentinite, phlogopite, red garnet and rare wollastonite.

The 2010 hole was designed to test the potential for an up-dip extension of the Foot Wall North Star mineralized skarn Zone. The North Star Foot Wall Zone is estimated to contain 750,000 tons grading 1.5 % copper. The zone is open in all directions with additional skarn zones in the hanging wall of the deposit. Of particular interest is a high-grade zone intersected in several drill holes that is located approximately 100 metres above the Foot Wall Zone. The Foot Wall Zone is at the contact of the overlying limestone and underlying meta-greywacke units. The mineralized zones are hosted by the Lewes River Group limestone that is overlain by meta-sedimentary rocks of the Aksala Formation uTrAK3.

The drill hole was positioned to infill between drill holes NS-14 (60 metres North) and NS-15 (50 metres South). Intersections in these holes are summarized here:

NS-14 Upper Zone averaged 0.65% Cu, 0.008 opt Au, 0.15 opt Ag – 8.3 metres – Gar skarn
High-grade Zzone averaged 3.39% Cu, 0.72 opt Ag – 3.2 metres – Mag skarn
Foot Wall Zone averaged 1.52% Cu, 0.31 opt Ag w/trace Mo – 10.1 metres – Gar skarn

NS-15 High-grade zone averaged 5.05% Cu, 0.02 opt Au, 0.82 opt Ag – 14.6 metres – Gar skarn and Mag skarn
Foot Wall Zone averaged 0.98% Cu, 0.14 opt Ag – 3.1 metres – Mag skarn

NS-15-W2
Upper Zone averaged 1.05% Cu, 0.29 opt Ag w/trace Mo – 5.1 metres – Gar skarn
High-grade Zone averaged 1.71% Cu, 0.66 opt Ag, w/trace Mo – 3.2 metres – Mag skarn
High-grade Zone averaged 1.53% Cu, 0.45 opt Ag, w/trace Mo – 14.3 metres – Mag Skarn
Foot Wall Zone averaged 0.88% Cu, 0.31 opt Ag, w/trace Mo – 2.7 metres – Mag skarn

The North Star mineralization is composed of bornite, chalcopyrite, and minor magnetite. The calc-silicate minerals are serpentine, phologopite, red garnet and tremolite.

8.0 DIAMOND DRILL HOLE VRN-10-05

The drilling was carried out by Kluane Drilling Ltd.,
14 MacDonald Road,
Whitehorse, Yukon,
Y1A 1L2

The drill hole was started June 1, 2010 and completed June 30, 2010.
The drill hole was drilled at -60^{o} at 270^{o} azimuth (west).
The drill core size was NTW.
The drill hole was drilled to a depth of 589.8 metres with 2.0 metres of overburden.

The preceding information is noted on the geologic log of the drill hole included in Appendix 3. The drill core is in storage at the Industrial yard of Kluane Drilling Ltd. At 25 MacDonald Road in Whitehorse, Yukon.

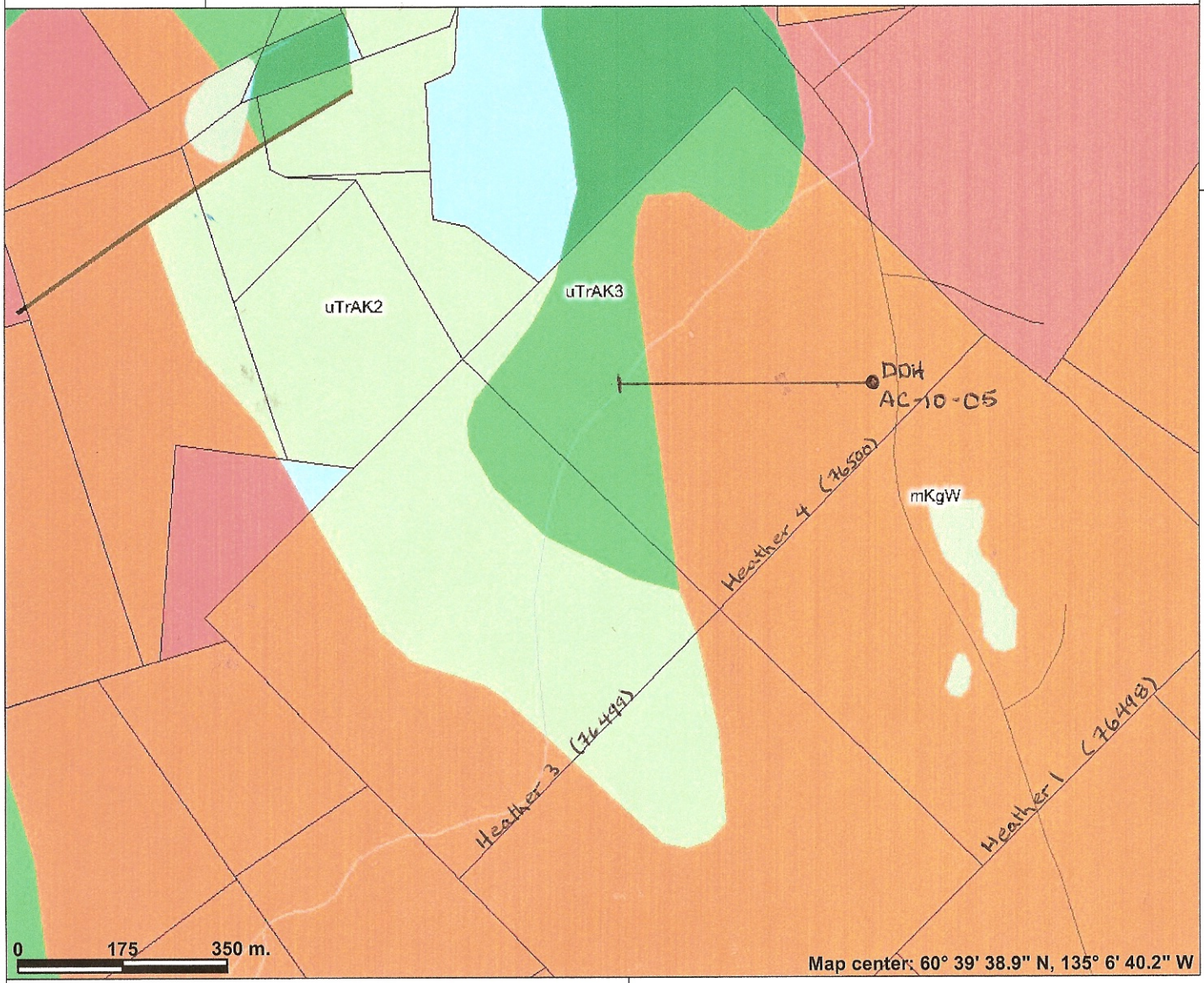
The local geology of the Arctic Chief Pendant with relevant drill holes are displayed on Figure 3. An east-west cross section of the Arctic Chief Pendant shows the relative location and geological summary for the drill hole.

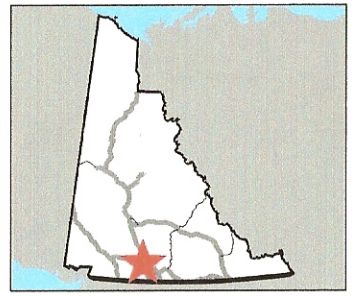
The drill hole, VRN-10-05 intersected the prospective contact horizon at a vertical depth of 600 metres (225 metres asl). There was no skarn mineralization developed at the contact although there was minor chalcopyrite blebs nine (9) metres above the contact in limestone.
The 2010 hole was designed to test the contact of the Lewes River Group (uTrAK2) limestone and the Laberge Group (JL) greywacke at depth the below the Arctic Chief open pits.

The drill hole confirmed the location of the favorable prospective skarn horizon between the Lewes River Limestone and the underlying Laberge Group sedimentary rocks of siltstone, argillite and sandstone. Although the development of skarn zones was weak and essentially unmineralized with copper-gold rich sulfides the drill hole has confirmed the extent of the potential within the Arctic Chief Pendant.

Arctic Chief Pendant DDH VRN-10-05

FIGURE 2





Legend

Yukon Border - Surveyed

Quartz Claims

Active
Expired

Faults (250K)

defined
approximate
assumed
extrapolated
defined
extrapolated
defined
approximate
assumed
extrapolated
defined
approximate
assumed
extrapolated
defined
approximate
assumed
extrapolated

National Road Network - All Roads

Expressway / Highway
Arterial
Collector
Ramp
Resource / Recreation
Local / Street
Local / Strata
Local / Unknown
Alley or Service Lane
Service Lane
Winter

N

Scale: 1:10,000

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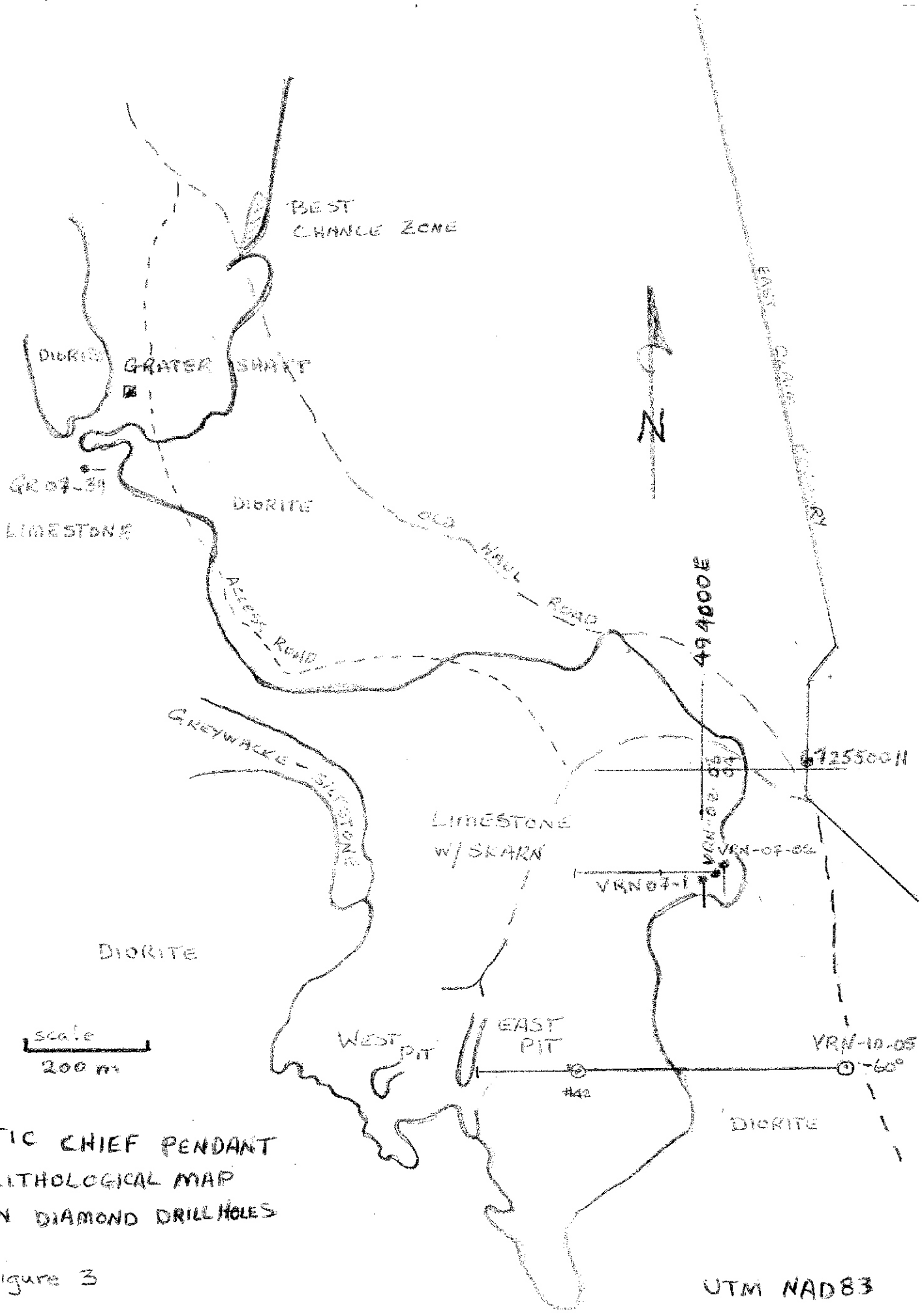
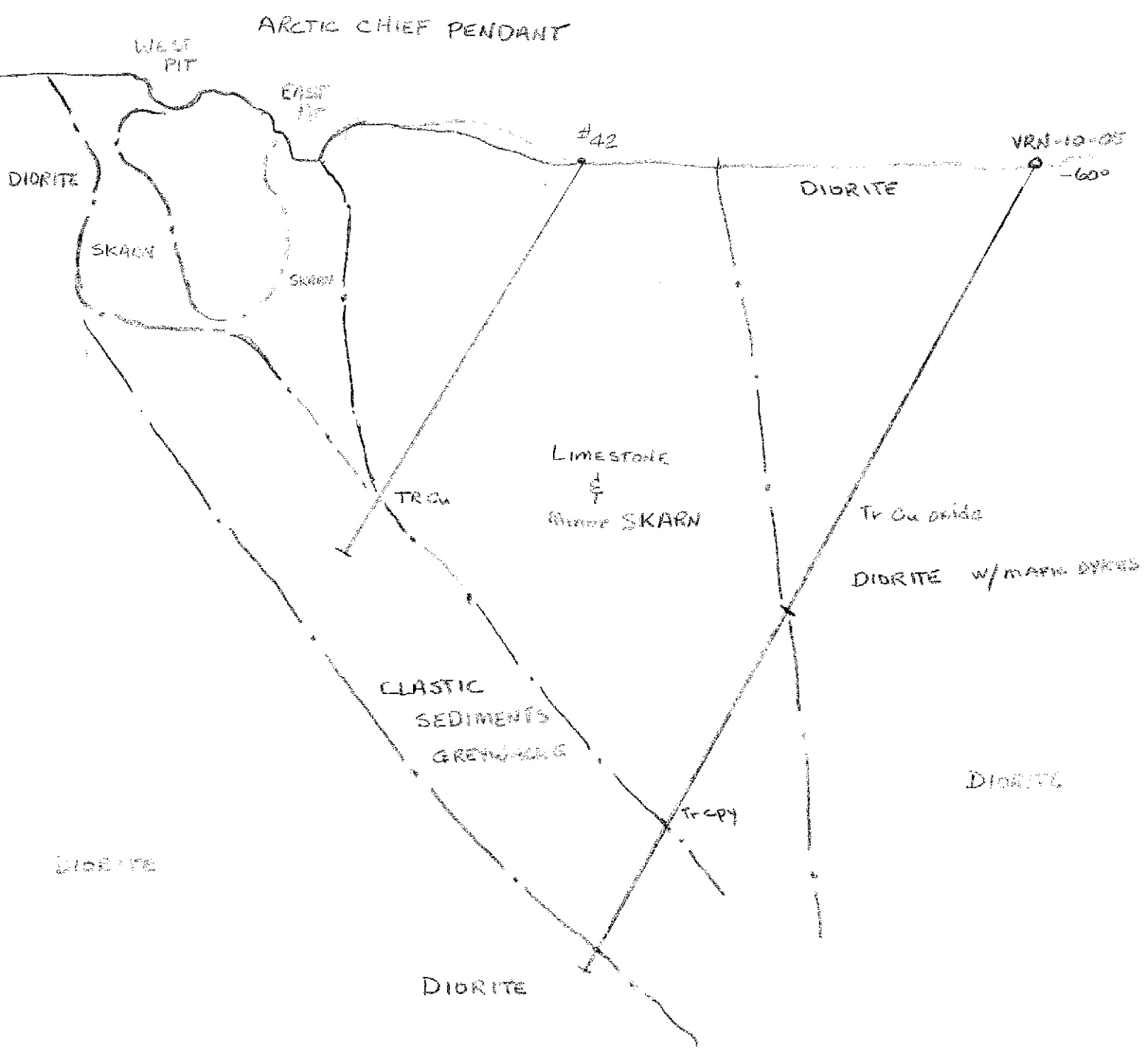


ARCTIC CHIEF PENDANT
LITHOLOGICAL MAP
VRN DIAMOND DRILL HOLES

Figure 3

UTM NAD83



ARCTIC CHIEF PENDANT

DDH VRN-10-05

SECTION 6725050 N

LOOKING NORTH

FIGURE 4.

meters

0 50 100

scale 1:500

metric

9.0 DIAMOND DRILL HOLE NS-10-25

The drilling was carried out by Kluane Drilling Ltd.,
14 MacDonald Road,
Whitehorse, Yukon,
Y1A 1L2

The drill hole was started October 14, 2010 and completed October 31, 2010.
The drill hole was drilled at -90^{o} (vertical). The drill hole spiraled to the south-southwest due to the rotation of the drill rods and the dip remained between 90^{o} and 88.8^{o}. The survey points down the drill hole are tabulated on the drill log.
The drill core size was NTW.
The drill hole was drilled to a depth of 589.8 metres with 2.0 metres of overburden.

The preceding information is noted on the first sheet of the Geologic log of the drill hole included in Appendix 4. The drill core is in storage at the Industrial yard of Kluane Drilling Ltd. at 25 MacDonald Road in Whitehorse, Yukon.

The diamond drill hole NS-10-25 intersected a 290 metre thick interval of skarn mineralization and limestone underlying the Aksala Formation above the foot wall contact with the Whitehorse Batholith. The skarn occurs in thick bands of calc-silicate minerals and magnetite skarn. Copper mineralization consists of chalcopyrite and bornite. The sample intervals and metal assays for gold, silver, copper and molybdenum are reported in Appendix 5.

Three copper bearing skarns were logged and sampled.

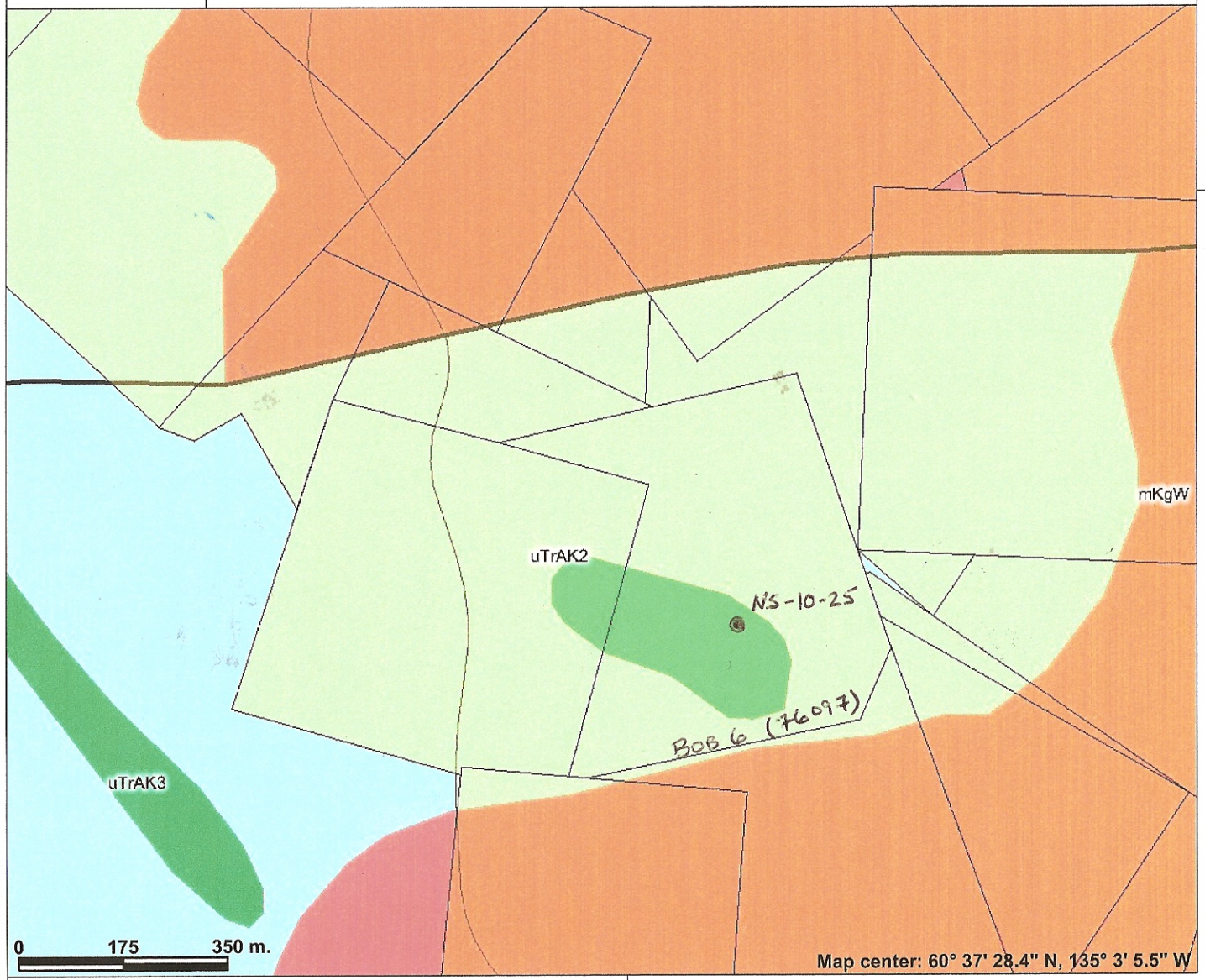
1). 194.7 – 210.5 metres Garnet-epidote skarn with minor chalcopyrite.
15.8 metres Copper values range from 230 ppm to 9680 ppm
Gold values range from 0.0 ppm to 4.5 ppm
Silver values range from 0.28 ppm to 17.6 ppm
Molybdenum values range from 1.92 ppm to 101.5 ppm
Overall average grade is low

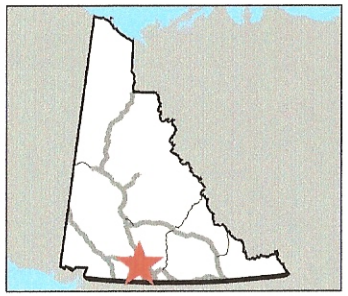
2). 211.0 – 217.0 metres Magnetite skarn with bornite and chalcopyrite
6.0 metres Average Copper grade 2.17 %
Average Gold grade 0.37 ppm
Average Silver grade 24.9 ppm
Average Molybdenum grade 18.76 ppm

3). 379.0 – 384.0 metres Garnet-epidote-calcite skarn with bornite
5.0 metres Average Copper grade 0.99 %
Average Gold grade 0.24 ppm
Average Silver grade 9.2 ppm
Average Molybdenum grade 132.6 ppm

North Star Pendant DDH NS-10-25

FIGURE 2





Legend

- Yukon Border - Surveyed
- Quartz Claims
  - Active
  - Expired
- Faults (250K)
  - defined
  - approximate
  - assumed
  - extrapolated
  - defined
  - extrapolated
  - defined
  - approximate
  - assumed
  - extrapolated
  - defined
  - approximate
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  - Collector
  - Ramp
  - Resource / Recreation
  - Local / Street
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  - Local / Unknown
  - Alley or Service Lane
  - Service Lane
  - Winter

N

Scale: 1:10,000

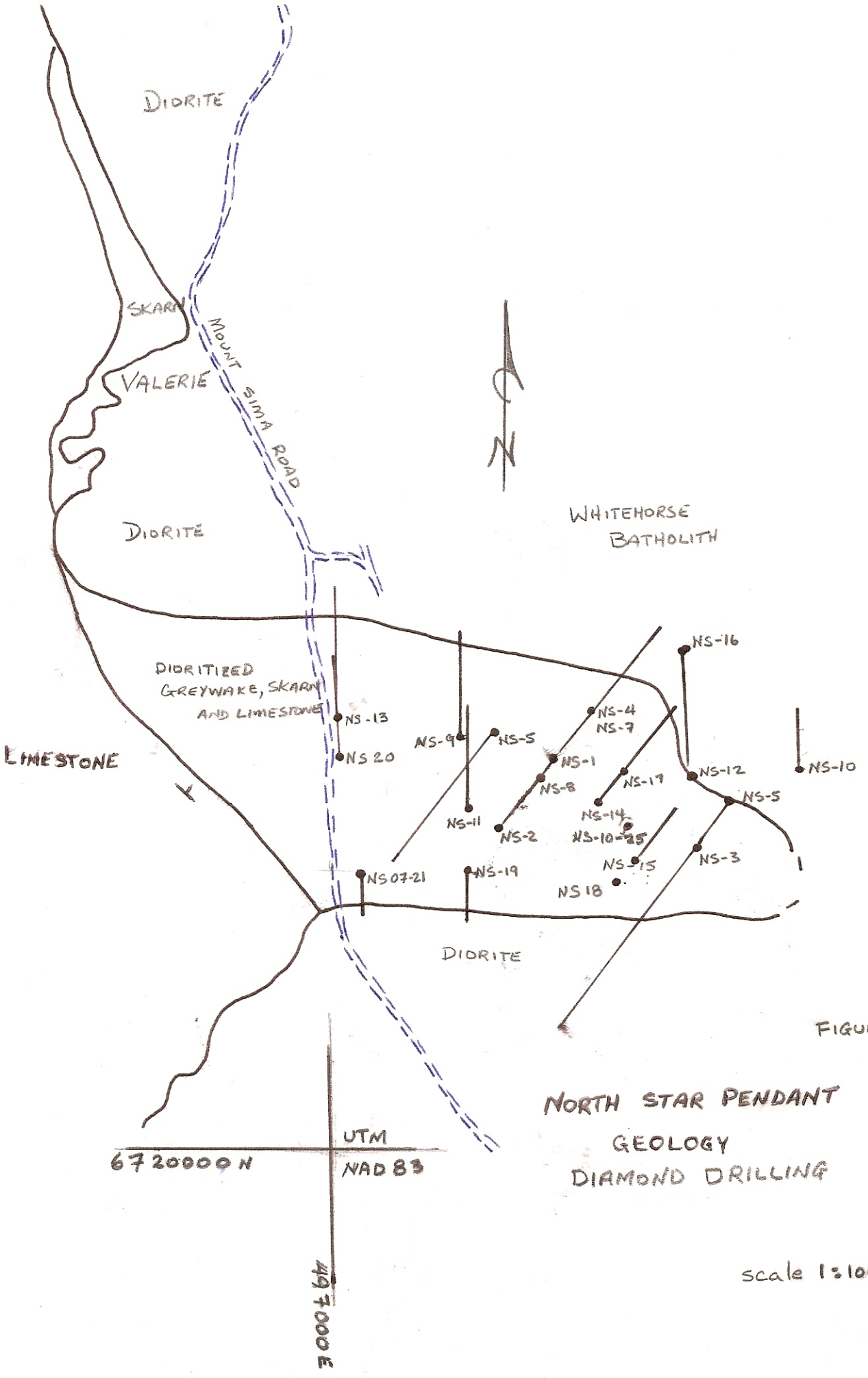

FIGURE 3

NORTH STAR PENDANT
GEOLOGY
DIAMOND DRILLING

scale 1:1000

FIGURE 4.

SECTION NORTH STAR PENDANT
LOOKING 231° 30' Az.
(North West)

DDH NS-10-25
6720625N / 0497575E
UTM NAD 83

10.0 SAMPLING METHODS AND PROCEDURES

Drill core samples were collected using the following procedures:

1) Core was lightly washed and measured.
2) Core was geologically logged and sample intervals were designated. Sample intervals were set at one (1) metre core length or sharp changes in sulphide content.
3) Sample intervals were based on skarn and sulphide content or randomly selected.
4) Core was split in half with an impact core splitter. One-half was sent for analyses and one-half returned to the core box.
5) Samples were double bagged in 6 millimetre plastic bags, a sample tag was placed in each sample bag, then two (2) or three (3) samples were placed in a fiber glass bag sealed with a metal clasp and sample numbers were written on the outside of that bag with permanent felt pen.

The samples were delivered to ALS Minerals preparation laboratory in Whitehorse. The samples were crushed, split and pulverized for shipment to the ALS Minerals Analytical Laboratory in North Vancouver, British Columbia.

The core samples were transported to the ALS Canada Ltd. preparation lab in Whitehorse, Yukon where they were dried and crushed to 70% minus 2 mm, before a 1.5 kg split was taken and pulverized to better than 85% minus 75 microns. Splits of the pulverized fraction were shipped by the ALS Minerals laboratory in North Vancouver and analyzed for 51 elements using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis (ME-ICP46). All samples were analyzed for a 46 element suite by geochemical ICP-AES method. All metal analyses are reported in ppm. The analytical certificate is included in this report in Appendix 4.

Analyses were done using industry-standard ICP techniques. The ALS Laboratory in Vancouver carries ISO 9001:2000 registration and is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures including fire assay Au by AA, ICP and gravimetric finish, and multi-element ICP and AA assays for Ag, Cu, Pb and Zn.

Core recovery was excellent averaging 98%. The mineralization is readily recognizable and sulphide content is reflected in assay grades. Care is taken to ensure that the sample split is not biased to sulphide content. The result is that the drill core sampling is reliable and is representative of the mineralization.

11.0 INTERPRETATIONS AND CONCLUSIONS

The drill hole, VRN-10-05 intersected the prospective contact horizon at a vertical depth of 600 metres (225 metres asl). There was no skarn mineralization developed at the contact although there was minor chalcopyrite blebs nine (9) metres above the contact in limestone.

The persistence of the contact zone to the 700 meter depth and northern extension of 300 metres from the Arctic Chief deposits allows considerable room for a significant deposit in the pendant. The horizon is open to depth and the total depth of the pendant is still unknown. The copper-gold rich deposits are produced at the horizon when in close proximity to the diorite intrusive contact.

The drill hole indicates a complicated distribution of mineralization typical of skarn deposits. Further drilling is required to test the contact zone along strike and depth to the north.

The drill hole, NS-10-25 intersected multiple skarn zones over a 290 metre thick sequence of limestone and skarn. Three (3) zones included significant copper-gold-silver and molybdenum mineralization. The drill hole intersected the footwall diorite more shallow than expected and the intervals were narrower than in the historic drill holes but may correlate to the Upper, High-grade and Foot Wall Zones. This is possible if the dip of the mineralized zones becomes steeper in the area.

The gold-silver values correlate to copper grades and are a significant economic factor to the assessment of the deposits. There is significant molybdenum content to the mineralization zones that will also contribute positively to the economic potential of the deposit. The historic drill programs did not include the full suite of economic minerals. The results of the 2010 drill hole indicate that a complete suite of metal analyses is important.

The drill hole indicates a complicated distribution of mineralization typical of skarn deposits. Further drilling is required to interpret the dispersion of mineralization.

12.0 RECOMMENDATIONS

Further diamond drilling is recommended at the Arctic Chief Pendant.

- One drill hole positioned 100 metres north of VRN-10-05 drilled at an inclination of 60^{o} to the west.

- One shallow drill hole positioned 100 metres north and 300 metres west of drill hole VRN-10-05 drilled at an inclination of 60^{o} to the west.

Further diamond drilling is also recommended at the North Star Pendant.

- One drill hole positioned 100 metres east (grid) of NS-10-25 drilled at an inclination of 85^{o} to the west (grid). The depth of the hole is dependent upon intersecting the diorite contact.

13. LIST OF REFERENCES

Dobrowolsky, H., Ingram, R., 1993, A History of the Whitehorse Copper Belt. Department of Indian and Northern Affairs Canada, Open File 1993-1, 31p.

Gordey, S.P., Makepeace, A.J., 1999, Yukon Digital Geology. Geological Survey of Canada, Open File D3826; Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File #1999-1(D).

MacKay, G., et.al., 1993, Whitehorse Copper Belt – A simplified Technical History. Department of Indian and Northern Affairs Canada, Open File 1993-2 (1), 48p.

Morrison, G.W., 1981, Setting and Origin of Skarn Deposits in the Whitehorse Copper Belt, Yukon; Unpublished Ph.D. Thesis, University of Western Ontario.

Tenney, D., 1981, The Whitehorse Copper Belt: Mining Exploration and Geology (1967-1980). Department of Indian and Northern Affairs, Geology Section, Yukon Region, Bulletin 1, 29p.

Watson, P.H., 1984, The Whitehorse Copper Belt – A Compilation. Exploration and Geological Services Division – Yukon, Indian and Northern Affairs Canada, Open File #1984-1, 1:25,000 scale map with marginal notes.

APPENDIX A

STATEMENT OF QUALIFICATIONS

ROBERT W. STROSHEIN, P.ENG.

I, Robert W. Stroshein, P.Eng. do hereby certify that:

1) I am a self-employed Geological Engineer, with an office at
106 – #3 Glacier Lane
P.O. Box 10559 Station Main
Whitehorse, Yukon, Canada
Y1A 7A1

2) I graduated with a BSc. Degree in Geological Engineering from the University of Saskatchewan at Saskatoon, SK in 1973.

3) I am a member of the Association of Professional Engineers of Yukon Territory (Registered Professional Engineer, No. 1165).

4) I have worked as an Exploration Geologist for a total of thirty-seven years since graduation from university.

5) I have examined the mineralization and host lithologies on the Whitehorse Copper Belt and have been an active participant in exploration programs on the property since 1974. Most recently I have planned and executed drilling programs on various targets annually between 2002 and 2010.

6) I planned and supervised the 2010 exploration program and completed the Assessment Report on the 2010 Diamond Drilling Program.

Dated at Whitehorse, Yukon Territory this 20th day of May, 2011

Robert W. Stroshein, P.Eng.

APPENDIX B

Kluane Drilling Ltd.
Diamond Drilling Whitehorse Copper Project
Expenditures 2010

DDH AC-10-05
DDH NS-10-25

Date	Invoice No.	Supplier	Units	Cost
VRN-10-05				
6-Jul-10	Pit Drill 1	Kluane Drilling Ltd.	882.7 metres	$138,785.96
15-Aug-10	10105	Protore Geological Services	4.25 days	$2,100.00
26-Nov-10	2190588	ALS Minerals	Bags and Tags	$20.00
26-Nov-10	2190596	ALS Minerals	Bags	$24.60
26-Nov-10	2190597	ALS Minerals	Bags	$40.00
7-Dec-10	2184282	ALS Minerals	Assays 123 samples	$3,749.63
8-Dec-10	10-001	Dendrite Geoscience Ltd.	6.5 Days	$2,600.00
8-Dec-10	Wages	Kluane Drilling Ltd. - core cutting	4 days @ $200 ea	$800.00
31-Mar-11	11104	Protore Geological Services	5 days @ $500	$2,500.00
NS-10-25				
30-Oct-10	Pit Drill 1	Kluane Drilling Ltd.	586.74 metres NTW	$89,426.71
1-Nov-10	10110	Protore Geological Services	6 days	$3,000.00
26-Nov-10	2190596	ALS Minerals	Bags	$30.40
26-Nov-10	2190598	ALS Minerals	Bags	$60.00
7-Dec-10	2184282	ALS Minerals	Assays 152 samples	$4,582.88
8-Dec-10	10-001	Dendrite Geoscience Ltd.	7 Days	$2,800.00
8-Dec-10	100342	Chris Davis	12 days	$4,800.00
8-Dec-10	Wages	Kluane Drilling Ltd. - core cutting	4 days @ $200 ea	$800.00
31-Mar-11	11104	Protore Geological Services	5 days	$2,500.00
		Total		**$258,620.18**

APPENDIX C

Kluane Drilling Ltd.
Whitehorse Copper Project
Claim Listing May 2011

384 Claims-Leases
Whitehorse Mining District
105D 10/11/14

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Zircon	2		64183	11-Nov-14		105D14	H. Coyne & Sons
Bonzo			72699	1-Jan-20		105D11	H. Coyne & Sons
Bornite	1		73783	11-Nov-14		105D14	H. Coyne & Sons
Bornite	2		73784	11-Nov-14		105D14	H. Coyne & Sons
Oro	1		73893	3-Mar-13	3528	105D11	H. Coyne & Sons
Oro	2		73894	3-Mar-13	3529	105D11	H. Coyne & Sons
Oro	3		73895	3-Mar-13	3530	105D11	H. Coyne & Sons
Oro	4		73896	3-Mar-13	3531	105D11	H. Coyne & Sons
Oro	5		73897	3-Mar-13	3532	105D11	H. Coyne & Sons
Zircon	4		74157	11-Nov-15		105D14	H. Coyne & Sons
Emily	1		75709	1-Jan-16		105D11	H. Coyne & Sons
Emily	2		75710	1-Jan-16		105D11	H. Coyne & Sons
Gladys	3		75711	1-Jan-16		105D11	H. Coyne & Sons
Gladys	4		75712	1-Jan-16		105D11	H. Coyne & Sons
Cameron	1		75982	1-Jan-17		105D11	H. Coyne & Sons
Bob	3		76094	1-Jan-17		105D11	H. Coyne & Sons
Bob	5		76096	1-Jan-17		105D11	H. Coyne & Sons
Bob	6		76097	1-Jan-17		105D11	H. Coyne & Sons
Margaret	1		76178	1-Jan-17		105D11	H. Coyne & Sons
Dorothy	2		76179	1-Jan-17		105D11	H. Coyne & Sons
Betty	3		76180	1-Jan-17		105D11	H. Coyne & Sons
Tess	1		76395	1-Jan-20		105D11	H. Coyne & Sons
Tess	2		76396	1-Jan-20		105D11	H. Coyne & Sons
Tess	3		76397	1-Jan-19		105D11	H. Coyne & Sons
Tess	4		76398	1-Jan-19		105D11	H. Coyne & Sons
Ken	1		76403	1-Jan-20		105D11	H. Coyne & Sons
Heather	1		76497	1-Jan-21		105D11	H. Coyne & Sons
Heather	2		76498	1-Jan-21		105D11	H. Coyne & Sons
Heather	3		76499	1-Jan-21		105D11	H. Coyne & Sons
Heather	4		76500	1-Jan-21		105D11	H. Coyne & Sons
Bill	1		76770	1-Jan-20		105D11	H. Coyne & Sons
Bill	2		76771	1-Jan-20		105D11	H. Coyne & Sons
Bill	3		76772	1-Jan-20		105D11	H. Coyne & Sons
Bill	4		76773	1-Jan-20		105D11	H. Coyne & Sons
Bill	5		76774	1-Jan-19		105D11	H. Coyne & Sons
Bill	6		76775	1-Jan-19		105D11	H. Coyne & Sons
Bill	7		76776	1-Jan-19		105D11	H. Coyne & Sons
Bill	8		76777	1-Jan-19		105D11	H. Coyne & Sons
Peter	1		76778	3-Mar-17	3533	105D11	H. Coyne & Sons
Peter	2		76779	3-Mar-17	3534	105D11	H. Coyne & Sons
Parke	1		77664	1-Jan-16		105D11	H. Coyne & Sons
Parke	2		77665	1-Jan-20		105D11	H. Coyne & Sons
Parke	3		77666	1-Jan-16		105D11	H. Coyne & Sons
Ley	1		82027	1-Jan-20		105D11	H. Coyne & Sons
Ley	2		82028	1-Jan-20		105D11	H. Coyne & Sons
Ley	3		82029	1-Jan-20		105D11	H. Coyne & Sons
Ley	4		82030	1-Jan-20		105D11	H. Coyne & Sons
Pitt	4		85088	1-Jan-16		105D11	H. Coyne & Sons
Jan	1		85566	1-Jan-19		105D11	H. Coyne & Sons
Peter	1		85743	3-Mar-13	3535	105D11	H. Coyne & Sons
Peter	2		85744	3-Mar-13	3536	105D11	H. Coyne & Sons

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Emidel	12		91827	1-Jan-17		105D11	H. Coyne & Sons
Emidel	13		91828	1-Jan-17		105D11	H. Coyne & Sons
Emidel	14		91829	1-Jan-17		105D11	H. Coyne & Sons
Parke	4	Y	12210	1-Jan-16		105D11	H. Coyne & Sons
Pitt	5	Y	20334	1-Jan-16		105D11	H. Coyne & Sons
Tess	7	Y	29677	1-Jan-16		105D11	H. Coyne & Sons
Tess	8	Y	29678	1-Jan-16		105D11	H. Coyne & Sons
Bill	9	Y	52111	1-Jan-16		105D11	H. Coyne & Sons
Bill	10	Y	52112	1-Jan-16		105D11	H. Coyne & Sons
Bill	11	Y	52113	1-Jan-19		105D11	H. Coyne & Sons
Parke	5	Y	52114	1-Jan-16		105D11	H. Coyne & Sons
Emily	3	Y	52115	1-Jan-16		105D11	H. Coyne & Sons
Emily	4	Y	52116	1-Jan-16		105D11	H. Coyne & Sons
Hat	1	YB	57537	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	2	YB	57538	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	3	YB	57539	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	4	YB	57540	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	5	YB	57541	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	6	YB	57542	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	7	YB	57543	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	8	YB	57544	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	9	YB	57545	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	10	YB	57546	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	11	YB	57547	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	12	YB	57548	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	13	YB	57549	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	14	YB	57550	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	15	YB	57551	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	16	YB	57552	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	17	YB	57553	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	18	YB	57554	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	19	YB	57555	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	20	YB	57556	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	21	YB	58021	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	22	YB	58022	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	23	YB	58023	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	24	YB	58024	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	25	YB	58025	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	26	YB	58026	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	27	YB	58049	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	28	YB	58050	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	29	YB	58051	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	30	YB	58052	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	31	YB	58053	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	32	YB	58054	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	33	YB	58055	11-Nov-16		105D14	Kluane Drilling Ltd.
Hat	34	YB	58056	11-Nov-16		105D11	Kluane Drilling Ltd.
Hat	35	YB	58139	11-Nov-15		105D14	Kluane Drilling Ltd.
Hat	36	YB	58140	11-Nov-15		105D14	Kluane Drilling Ltd.
Hat	37	YB	66395	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	38	YB	66396	11-Nov-14		105D14	Kluane Drilling Ltd.

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Hat	39	YB	66397	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	40	YB	66398	11-Nov-14		105D14	Kluane Drilling Ltd.
Gin	21	YC	8842	2-Dec-16		105D11	Josh Bailey
Gin	22	YC	8843	2-Dec-16		105D11	Josh Bailey
Gin	23	YC	8844	2-Dec-16		105D11	Josh Bailey
Gin	24	YC	8845	2-Dec-16		105D11	Josh Bailey
Gin	25	YC	8846	2-Dec-16		105D11	Josh Bailey
Gin	26	YC	8847	2-Dec-16		105D11	Josh Bailey
Gin	27	YC	8848	2-Dec-16		105D11	Josh Bailey
Gin	28	YC	8849	2-Dec-16		105D11	Josh Bailey
Gin	1	YC	8850	3-Jan-16		105D11	Brian R. Sauer
Gin	2	YC	8851	3-Jan-16		105D11	Brian R. Sauer
Gin	3	YC	8852	3-Jan-16		105D11	Brian R. Sauer
Gin	4	YC	8853	3-Jan-16		105D11	Brian R. Sauer
Gin	5	YC	8854	3-Jan-16		105D11	Brian R. Sauer
Gin	6	YC	8855	3-Jan-16		105D11	Brian R. Sauer
Gin	7	YC	8856	3-Jan-16		105D11	Brian R. Sauer
Gin	8	YC	8857	3-Jan-16		105D11	Brian R. Sauer
Gin	9	YC	8858	3-Jan-16		105D11	Brian R. Sauer
Gin	10	YC	8859	3-Jan-16		105D11	Brian R. Sauer
Gin	11	YC	8860	3-Jan-16		105D11	Brian R. Sauer
Gin	12	YC	8861	3-Jan-16		105D11	Brian R. Sauer
Gin	13	YC	8862	3-Jan-16		105D11	Brian R. Sauer
Gin	14	YC	8863	3-Jan-16		105D11	Brian R. Sauer
Gin	15	YC	8864	3-Jan-16		105D11	Brian R. Sauer
Gin	16	YC	8865	3-Jan-16		105D11	Brian R. Sauer
Gin	17	YC	8866	3-Jan-16		105D11	Brian R. Sauer
Gin	18	YC	8867	3-Jan-16		105D11	Brian R. Sauer
Hat	41	YC	18449	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	42	YC	18450	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	43	YC	18451	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	44	YC	18452	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	47	YC	18853	11-Nov-11		105D14	Kluane Drilling Ltd.
Hat	48	YC	18854	11-Nov-11		105D11	Kluane Drilling Ltd.
Hat	45	YC	18695	11-Nov-14		105D14	Kluane Drilling Ltd.
Hat	46	YC	18696	11-Nov-14		105D14	Kluane Drilling Ltd.
Gin	37	YC	19484	4-Jun-17		105D11	Kluane Drilling Ltd.
Gin	38	YC	19485	4-Jun-18		105D11	Kluane Drilling Ltd.
Gin	39	YC	19486	4-Jun-14		105D11	Kluane Drilling Ltd.
Gin	40	YC	19487	4-Jun-14		105D11	Kluane Drilling Ltd.
Gin	41	YC	19488	4-Jun-14		105D11	Kluane Drilling Ltd.
Gin	42	YC	19489	4-Jun-14		105D11	Kluane Drilling Ltd.
Gin	43	YC	19490	4-Jun-14		105D11	Kluane Drilling Ltd.
Gin	44	YC	19491	4-Jun-14		105D11	Kluane Drilling Ltd.
Gin	45	YC	19492	12-Jun-17		105D11	Kluane Drilling Ltd.
Gin	46	YC	19493	12-Jun-17		105D11	Kluane Drilling Ltd.
Gin	47	YC	19494	12-Jun-17		105D11	Kluane Drilling Ltd.
Gin	48	YC	19495	12-Jun-17		105D11	Kluane Drilling Ltd.
Howard	1	YC	37796	29-Dec-12		105D11	Ron Stack
Howard	2	YC	37797	29-Dec-12		105D11	Ron Stack
Alex	1	YC	37798	29-Dec-13		105D11	Ron Stack

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Alex	2	YC	37799	29-Dec-13		105D11	Ron Stack
Alex	3	YC	37800	29-Dec-13		105D11	Ron Stack
Alex	4	YC	37801	29-Dec-13		105D11	Ron Stack
Alex	5	YC	37802	29-Dec-13		105D11	Ron Stack
Alex	6	YC	37803	29-Dec-13		105D11	Ron Stack
Alex	7	YC	37804	29-Dec-13		105D11	Ron Stack
Alex	8	YC	37805	29-Dec-13		105D11	Ron Stack
Tonic	1	YC	39077	22-Feb-17		105D11	H. Coyne & Sons
Tonic	2	YC	39078	22-Feb-17		105D11	H. Coyne & Sons
Tonic	3	YC	39079	22-Feb-17		105D11	H. Coyne & Sons
Tonic	4	YC	39080	22-Feb-17		105D11	H. Coyne & Sons
Tonic	5	YC	39081	22-Feb-17		105D11	H. Coyne & Sons
Tonic	6	YC	39082	22-Feb-17		105D11	H. Coyne & Sons
Tonic	7	YC	39083	22-Feb-17		105D11	H. Coyne & Sons
Tonic	8	YC	39084	22-Feb-17		105D11	H. Coyne & Sons
Tonic	9	YC	39085	22-Feb-17		105D11	H. Coyne & Sons
Tonic	10	YC	39086	22-Feb-17		105D11	H. Coyne & Sons
Tonic	11	YC	39087	22-Feb-17		105D11	H. Coyne & Sons
Tonic	12	YC	39088	22-Feb-17		105D11	H. Coyne & Sons
Tonic	13	YC	39089	22-Feb-17		105D11	H. Coyne & Sons
Tonic	14	YC	39090	22-Feb-17		105D11	H. Coyne & Sons
Tonic	15	YC	39091	22-Feb-17		105D11	H. Coyne & Sons
Tonic	16	YC	39092	22-Feb-17		105D11	H. Coyne & Sons
Tonic	17	YC	39093	22-Feb-17		105D11	H. Coyne & Sons
Tonic	18	YC	39094	22-Feb-17		105D11	H. Coyne & Sons
Tonic	19	YC	39095	22-Feb-17		105D11	H. Coyne & Sons
Tonic	20	YC	39096	22-Feb-17		105D11	H. Coyne & Sons
Tonic	21	YC	39097	22-Feb-17		105D11	H. Coyne & Sons
Tonic	22	YC	39098	22-Feb-17		105D11	H. Coyne & Sons
Tonic	23	YC	39099	22-Feb-17		105D11	H. Coyne & Sons
Tonic	24	YC	39100	22-Feb-17		105D11	H. Coyne & Sons
Ata	79	YC	40198	26-Sep-12		105D11	H. Coyne & Sons
Juice	1	YC	46556	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	2	YC	46557	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	3	YC	46558	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	4	YC	46559	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	5	YC	46560	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	6	YC	46561	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	7	YC	46562	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	8	YC	46563	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	9	YC	46564	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	10	YC	46565	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	11	YC	46566	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	12	YC	46567	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	13	YC	46568	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	14	YC	46569	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	15	YC	46570	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	16	YC	46571	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	17	YC	46572	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	18	YC	46573	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	19	YC	46574	16-Mar-16		105D11	Kluane Drilling Ltd.

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Juice	20	YC	46575	16-Mar-16		105D11	Kluane Drilling Ltd.
Juice	21	YC	46576	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	22	YC	46577	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	23	YC	46578	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	24	YC	46579	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	25	YC	46580	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	26	YC	46581	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	27	YC	46582	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	28	YC	46583	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	29	YC	46584	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	30	YC	46585	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	31	YC	46586	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	32	YC	46587	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	33	YC	46588	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	34	YC	46589	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	37	YC	46592	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	38	YC	46593	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	39	YC	46594	16-Mar-20		105D11	Kluane Drilling Ltd.
Juice	40	YC	46595	16-Mar-20		105D11	Kluane Drilling Ltd.
Jack	1	YC	54444	5-Dec-16		105D11	H. Coyne & Sons
Juice	41	YC	66222	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	42	YC	66223	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	43	YC	66224	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	44	YC	66225	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	45	YC	66226	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	46	YC	66227	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	47	YC	66228	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	48	YC	66229	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	49	YC	66230	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	50	YC	66231	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	51	YC	66232	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	52	YC	66233	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	53	YC	66234	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	54	YC	66235	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	55	YC	66236	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	56	YC	66237	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	57	YC	66238	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	58	YC	66239	10-Oct-13		105D11	Kluane Drilling Ltd.
Juice	59	YC	66240	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	60	YC	66241	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	61	YC	66242	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	62	YC	66243	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	63	YC	66244	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	64	YC	66245	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	65	YC	66246	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	66	YC	66247	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	67	YC	66248	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	68	YC	66249	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	69	YC	66250	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	70	YC	66251	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	71	YC	66252	10-Oct-12		105D11	Kluane Drilling Ltd.

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Juice	72	YC	66253	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	73	YC	66254	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	74	YC	66255	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	75	YC	66256	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	76	YC	66257	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	77	YC	66258	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	78	YC	66259	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	79	YC	66260	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	80	YC	66261	10-Oct-12		105D11	Kluane Drilling Ltd.
Juice	81	YC	66262	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	82	YC	66263	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	83	YC	66264	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	84	YC	66265	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	85	YC	66266	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	86	YC	66267	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	87	YC	66268	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	88	YC	66269	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	89	YC	66270	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	90	YC	66271	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	91	YC	66272	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	92	YC	66273	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	93	YC	66274	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	94	YC	66275	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	95	YC	66276	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	96	YC	66277	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	97	YC	66278	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	98	YC	66279	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	99	YC	66280	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	100	YC	66281	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	101	YC	66282	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	102	YC	66283	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	103	YC	66284	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	104	YC	66285	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	105	YC	66286	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	106	YC	66287	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	107	YC	66288	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	108	YC	66289	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	109	YC	66290	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	110	YC	66291	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	111	YC	66292	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	112	YC	66293	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	113	YC	66294	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	114	YC	66295	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	115	YC	66296	10-Oct-11		105D11	Kluane Drilling Ltd.
Juice	116	YC	66297	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	117	YC	66298	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	118	YC	66299	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	119	YC	66300	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	120	YC	66301	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	121	YC	66302	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	122	YC	66303	10-Oct-15		105D11	Kluane Drilling Ltd.

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
Juice	123	YC	66304	10-Oct-15		105D11	Kluane Drilling Ltd.
Juice	124	YC	66305	10-Oct-16		105D11	Kluane Drilling Ltd.
Juice	125	YC	66306	10-Oct-16		105D11	Kluane Drilling Ltd.
FOB	1	YD	29626	2-Nov-11		105D11	Chris Davis
FOB	2	YD	29627	2-Nov-11		105D11	Chris Davis
FOB	3	YD	29628	2-Nov-11		105D11	Chris Davis
FOB	4	YD	29629	2-Nov-11		105D11	Chris Davis
FOB	5	YD	29630	2-Nov-11		105D11	Chris Davis
TOM	1	YD	59228	11-May-16		105D10	Chris Davis
TOM	2	YD	59229	11-May-16		105D10	Chris Davis
TOM	3	YD	59230	11-May-16		105D10	Chris Davis
TOM	4	YD	59231	11-May-16		105D10	Chris Davis
TOM	5	YD	59232	11-May-16		105D10	Chris Davis
TOM	6	YD	59233	11-May-16		105D10	Chris Davis
TOM	7	YD	59234	11-May-16		105D10	Chris Davis
TOM	8	YD	59235	11-May-16		105D10	Chris Davis
TOM	9	YD	59236	11-May-16		105D10	Chris Davis
TOM	10	YD	59237	11-May-16		105D10	Chris Davis
TOM	11	YD	59238	11-May-16		105D10	Chris Davis
TOM	12	YD	59239	11-May-16		105D10	Chris Davis
TOM	13	YD	59240	11-May-16		105D10	Chris Davis
TOM	14	YD	59241	11-May-16		105D10	Chris Davis
TOM	15	YD	59242	11-May-16		105D10	Chris Davis
TOM	16	YD	59243	11-May-16		105D10	Chris Davis
TOM	17	YD	59244	11-May-16		105D10	Chris Davis
TOM	18	YD	59245	11-May-16		105D10	Chris Davis
TOM	19	YD	59246	11-May-16		105D10	Chris Davis
TOM	20	YD	59247	11-May-16		105D10	Chris Davis
TOM	21	YD	59248	11-May-16		105D10	Chris Davis
TOM	22	YD	59249	11-May-16		105D10	Chris Davis
TOM	23	YD	59250	11-May-16		105D10	Chris Davis
TOM	24	YD	59251	11-May-16		105D10	Chris Davis
TOM	25	YD	59252	11-May-16		105D10	Chris Davis
TOM	26	YD	59253	11-May-16		105D10	Chris Davis
TOM	27	YD	59254	11-May-16		105D10	Chris Davis
TOM	28	YD	59255	11-May-16		105D10	Chris Davis
TOM	29	YD	59256	11-May-16		105D11	Chris Davis
GIN	19	YD	59258	11-May-16		105D11	Chris Davis
GIN	20	YD	59259	11-May-16		105D11	Chris Davis
EVA	1	YD	59260	24-Jun-16		105D11	Chris Davis
EVA	2	YD	59261	24-Jun-16		105D11	Chris Davis
EVA	3	YD	59262	24-Jun-16		105D11	Chris Davis
EVA	4	YD	59263	24-Jun-16		105D11	Chris Davis
EVA	5	YD	59264	24-Jun-16		105D11	Chris Davis
EVA	6	YD	59265	24-Jun-16		105D11	Chris Davis
EVA	7	YD	59266	24-Jun-16		105D11	Chris Davis
EVA	8	YD	59267	24-Jun-16		105D11	Chris Davis
EVA	9	YD	59268	24-Jun-16		105D11	Chris Davis
EVA	10	YD	59269	24-Jun-16		105D11	Chris Davis
EVA	11	YD	59270	24-Jun-16		105D11	Chris Davis
EVA	12	YD	59271	11-Jun-16		105D11	Chris Davis

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.	Map Sheet	Ownership/Title
EVA	13	YD	59272	11-Jun-16		105D11	Chris Davis
EVA	14	YD	59273	24-Jun-16		105D11	Chris Davis
EVA	15	YD	59274	14-Jun-16		105D11	Chris Davis
EVA	20	YD	59279	14-Jun-16		105D11	Chris Davis
EVA	21	YD	59280	14-Jun-16		105D11	Chris Davis
EVA	22	YD	59281	14-Jun-16		105D11	Chris Davis
EVA	23	YD	59282	14-Jun-16		105D11	Chris Davis
TONY	1	YD	59283	24-Jun-16		105D11	Chris Davis
TONY	2	YD	59284	24-Jun-16		105D11	Chris Davis
TONY	3	YD	59285	24-Jun-16		105D11	Chris Davis
TONY	4	YD	59286	24-Jun-16		105D11	Chris Davis
TONY	5	YD	59287	24-Jun-16		105D11	Chris Davis
TONY	6	YD	59288	24-Jun-16		105D11	Chris Davis
EVA	24	YD	59289	24-Jun-16		105D11	Chris Davis
EVA	25	YD	59290	24-Jun-16		105D11	Chris Davis
EVA	26	YD	59291	24-Jun-16		105D11	Chris Davis
EVA	27	YD	59292	24-Jun-16		105D11	Chris Davis
EVA	28	YD	59293	24-Jun-16		105D11	Chris Davis
EVA	29	YD	59294	24-Jun-16		105D11	Chris Davis
EVA	30	YD	59295	24-Jun-16		105D11	Chris Davis
EVA	31	YD	59296	24-Jun-16		105D11	Chris Davis
EVA	32	YD	59297	24-Jun-16		105D11	Chris Davis
EVA	33	YD	59298	24-Jun-16		105D11	Chris Davis
TRAD	1	YD	59299	24-Jun-16		105D11	Chris Davis
TRAD	2	YD	59300	24-Jun-16		105D11	Chris Davis
TRAD	3	YD	59301	24-Jun-16		105D11	Chris Davis
TRAD	4	YD	59302	24-Jun-16		105D11	Chris Davis
TRAD	5	YD	59303	24-Jun-16		105D11	Chris Davis

APPENDIX D

DIAMOND DRILL HOLE GEOLOGICAL LOGS

VRN-10-05

And

NS-10-25

Elevation 827 metres asl
Final Depth: 819.9 metres
June 1 - 30, 2010

Kluane Drilling Ltd.
Arctic Chief Diamond Drill Log

DDH VRN-10-05
6725050 N 494250
UTM zone 8 NAD 83
-60° at 270°

From (m)	To (m)	Description	Core Ang
0.0	20.0	Overburden	
20.0	308.2	Diorite - light buff grey, equigranular, medium grained	
		local dolomite-calcite in strgrs	
		297.8 m endoskarn to 308.2 m epi-gar	
308.2	337.3	Skarnified limestone w/bns of epi-garn skarn and light green marble	
337.3	348.1	Mafic dyke and bns of diorite	
348.1	351.7	Mafic dyke fg dark gry grn	
		350.5 - 351.4 m bns of copper oxide -cuprite-azurite-malachite	35
351.7	459.9	Diorite light buff gry, equigranualar w/dark gry-grn fg. mafic dykes	
		351.7 - 358.3 m fractured / faulted	
459.9	471.8	Skarnified limestone w/bns of epi-garn skarn and iron stained lst	
		trace of chalcopyrite	
471.8	574.2	Limestone w/ white crystalline marble - predominent after 518 m	
		487.7 - 488.6 m gar-epi skarn	55
		508.4 - 510.5 m grn epi skarn	
		526.8 - 528.2 m diss and strgr py 5 - 10 %	
574.2	606.6	Dark green mafic dyke fine grained w/dark coarse phenocrysts	
606.6	609.9	Fault - clay rich shear zone.	15 / 20
609.9	612.6	Pale buff bleached porphyry dyke	
612.6	613.0	Fault - clay rich shear zone.	
613.0	674.5	Limestone grey, crystalline	
674.5	784.9	Greywacke - argillite w/limestone interbeds - minor hornfels alteration (chloritic)	42
		684.0 m - 2-5 cm stringer po-epi strg	< 12
		744.9 m breccia dyke	10
		783.3 m breccia dyke	
784.9	804.7	Mafic dyke fg dark grey	
804.7	819.9	Diorite weakly altered w/breccia bns and dykes - decreasing alteration	

NS-10-25

Company:	Kluane Drilling Ltd
Logged by:	Chris Davis
Location:	6720625 N, 497575 E
Elevation:	831m
Coordinate System:	NAD83 / UTM zone 8N
Depth:	589.78 m
Dip:	-90°
Azimuth:	0°
Date:	November 11, 2010

Downhole Survey:

Depth	Dip	Azimuth
0	-90	0
9.1	-88.9	217.7
99.1	-88.9	231.6
198.1	-89	241.3
297.2	-88.9	241.5
396.2	-88.4	190.4
495.3	-88.8	179.7
585.2	-88.8	197.8

From	To	Width	Description	1st		2nd		3rd	From	To	% Cu	Mo ppm	Au ppm	Ag ppm
0 m	2 m	2 m	Overburden	OB										
2 m	24.8 m	22.8 m	Basalt Porphyry - Fine grained, med grey. Feldspar phenochrysts up to 1cm in size.	9b	pi				9	10	0.006	2.78	0	0.08
24.8 m	28.56 m	3.76 m	Altered diorite containing endoskarn in veins with diorite porphyry.	8	a	9b	pi		28	29	0.005	1.53	0	0.09
28.56 m	43.4 m	14.84 m	Altered diorite containing endoskarn.	8	a				29	30	0.052	0.85	0	0.41
									30	31	0.018	0.56	0	0.27
									31	32	0.002	2.11	0	0.27
									32	33	0.017	1.13	0	1.36
									33	34	0.034	188.5	0	0.21
									34	35	0.068	3.98	0	1.02
									35	36	0.021	2.07	0	0.2
									36	37	0.004	0.97	0	0.05
									37	38	0.034	1.18	0	0.53
									38	39	0.006	29.8	0	0.09
									39	40	0.004	6.94	0	0.05
									40	41	0.009	8.09	0	0.05
									41	42	0.001	0.41	0	0.01
									42	43	0.006	2.56	0	0.07
									43	44	0.007	0.9	0	0.08
43.4 m	58.5 m	15.1 m	Diorite - med grained.	8					49	50	0.01	4.15	0	0.08
									50	51	0.005	0.94	0	0.08
58.5 m	70.4 m	11.9 m	Altered diorite containing endoskarn.	8	a				59	60	0.002	2.64	0	0.03
									60	61	0.008	3.54	0	0.08
									61	62	0.003	2.69	0	0.03
									62	63	0.002	1.66	0	0.02
									70	71	0.005	8.51	0	0.2
70.4 m	72.85 m	2.45 m	Endoskarn - Green broken.	8	l				71	72	0.028	2.35	0	0.31
72.85 m	133.7 m	60.85 m	Altered diorite - fine grained containing veinlets of calcite up to 5mm in size.	8		5			76	77	0.008	0.81	0	0.07
									80	81	0.002	2.97	0	0.05
									90	91	0.003	0.37	0	0.06
									98	99	0.007	41.5	0	0.16
									99	100	0.007	2.34	0	0.15
									116	117	0.002	4.63	0	0.04
									117	118	0.003	31.9	0	0.06
									126	127	0.001	3.67	0	0.02
133.7 m	140.4 m	6.7 m	Garnet showing up in fine grained diorite.	8	g				134	135	0.002	5.16	0	0.03
									140	141	0.001	4.11	0	0.02

140.4 m	142.15 m	1.75 m	Massive garnet skarn with open cavities.	3 g	141	142	0.001	3.77	0	0.04
142.15 m	148.8 m	6.65 m	Skarn - fine grained altered. Contains garnet and zoesite.	3	145	146	0.013	22.3	0	0.11
					147	148	0.028	64.1	0	0.17
					148	149	0.008	13.6	0	0.07
148.8 m	153 m	4.2 m	Altered Diorite - Fine grained with bands of massive garnet skarn up to 50cm in width.	8 a	149	150	0.002	8.41	0	0.03
					150	151	0	9.39	0	0.01
					151	152	0.001	4.37	0	0.02
					152	153	0.004	8.49	0	0.05
					153	154	0.001	3.3	0	0.02
153 m	156.3 m	3.3 m	Garnet Skarn - massive	3	153	154	0.001	3.3	0	0.02
					154	155	0.001	3.28	0	0.01
					155	156	0	3.65	0	0.02
					156	157	0.001	3.35	0	0.02
156.3 m	194.7 m	38.4 m	Altered Diorite - Fine grained with zones of garnet skarn and calcite veining.	8 a 3	157	158	0.001	18.15	0	0.03
					158	159	0.001	103.5	0	0.06
					159	160	0.004	6.22	0	0.05
					160	161	0.008	31.4	0	0.11
					161	162	0.003	7.19	0	0.02
					162	163	0.005	8.81	0	0.04
					163	164	0	4.13	0	0.01
					164	165	0	2.56	0	0.01
					165	166	0.001	2.93	0	0.02
					166	167	0.008	31.4	0	0.09
					167	168	0.01	349	0	0.14
					168	169	0.011	11.05	0	0.11
					169	170	0.007	145	0	0.08
					175	176	0.026	25	0	0.21
					184	185	0.486	2.07	0	4.88
					194	195	0.321	2.77	0	4.48
194.7 m	197 m	2.3 m	Skarn - Garnet + epidote with massive zoesite in veins up to 5cm across.	3 ez	195	196	0.056	1.92	0	0.46
					196	197	0.023	10.2	0	0.28
					197	198	0.484	17.15	0.4	10.05
197 m	202.1 m	5.1 m	Skarn - epidote. Strongly foliated containing open cavities.	3 e	197	198	0.484	17.15	0.4	10.05
					198	199	0.058	3.15	0	0.87
					199	200	0.036	3.52	0	0.55
					200	201	0.968	101.5	4.5	17.6
					201	202	0.122	938	0	2.7
202.1 m	210.5 m	8.4 m	Limestone with epidote skarn banding. Bands up to 3cm in width. Pervasive through sections. Mudstone in sections. At 207.75 there is a 1cm wide band of chalcopyrite.	5 3 e 4 g	207	208	0.235	13.55	0	0.4
					208	209	0.003	6.58	0	0.12
					209	210	0.015	1.77	0	0.24
					210	211	0.67	22.6	0	6.34
210.5 m	217.35 m	6.85 m	Skarn - light grey to white in colour. Fine grained. Contains bornite + tr Cpy. Faulting at 30deg to CA Displacement at 60deg to CA on fault Bo + Cpy taper off to trace @ 213.7 At 215.1 to 215.6 - a 5-10% Bo + 1-5% Cpy zone exists. At 216.98 to 216.73 - a 5-10% Bo + 1-5% Cpy zone exists. Both these zones have a black skarn matrix - magnetite.	2 1	211	212	4.26	2.71	0.5	54.7
					212	213	3.73	2.44	0.3	41.8
					213	214	1.655	2.55	0.4	18.05
					214	215	0.283	1.55	0	2.65
					215	216	2.31	41.7	0.6	23.9
					216	217	0.773	61.6	0.4	8.13
					217	218	0.078	4.89	0	0.76
217.35 m	231.25 m	13.9 m	Skarn - green blue med grained garnet skarn. Contains chlorite veinlets up to 4mm in size. Unmineralized. Toward the bottom of section it contains more gauge material an more broken and	3 g 2	218	219	0.004	2.62	0	0.07
					219	220	0.022	3.72	0	0.12

			rotten core. At 227.35 to 227.53 a 10-20% Bo + 5-10% Cpy zone exists in a 5cm band and a 3cm band at 20deg to the core axis. Faulting at the end of this section at 30deg to CA with displacement at 15deg to CA on fault. At 229.3 core becomes solid with an increase in garnet to the end of this section.			220	221	0.001	1.46	0	0.02
231.25 m	242.61 m	11.36 m	Endoskarn in diorite	8	l							
242.61 m	243.9 m	1.29 m	Skarn - Dark green	3			243	244	0.008	3.41	0	0.14
243.9 m	248.41 m	4.51 m	Diorite - gradational contacts	8			244	245	0.001	2.48	0	0.04
248.41 m	254.6 m	6.19 m	Skarn - Epidote garnet diopside. Gradational contacts on top and bottom.	3	egd		251	252	0.001	295	0	0.18
254.6 m	262.48 m	7.88 m	Diorite at 258.2 there is a 20cm garnet rich zone.	8								
262.48 m	267.5 m	5.02 m	Skarn in limestone	3		5	265	266	0.017	320	0	0.22
							266	267	0.004	6.25	0	0.08
							267	268	0.002	9.42	0	0.06
267.5 m	270.45 m	2.95 m	Skarn - Dark in colour	3			268	269	0.003	12.05	0	0.07
							269	270	0.001	4.39	0	0.02
							270	271	0.003	15.85	0	0.06
270.45 m	270.9 m	0.45 m	Diorite	8								
270.9 m	274.5 m	3.6 m	Limestone - bleached white	5								
274.5 m	319.8 m	45.3 m	Mafic Dike - occasional limestone bands up to 50cm	9b								
319.8 m	328.84 m	9.04 m	Limestone - bleached white	5								
328.84 m	360.3 m	31.46 m	Skarn - Epidote - Garnet Contains trace Mo mineralization pervasive throughout section. Mo Veinlets up to 8mm across occurring occasionally. Mo appears inverse to Garnet in amount.	3	egm		331	332	0.001	3.72	0	0.03
							332	333	0.005	3.48	0	0.07
							333	334	0.018	7.28	0	0.16
							334	335	0.02	74.8	0	0.17
							335	336	0.009	73.1	0	0.1
							336	337	0.001	4370	0	0.12
							337	338	0.008	459	0	0.07
							338	339	0	653	0	0.03
							339	340	0.001	1575	0	0.05
							340	341	0.002	90.7	0	0.04
							341	342	0.004	109	0	0.05
							342	343	0.004	182.5	0	0.08
							343	344	0	1975	0	0.07
							344	345	0.001	65	0	0.03
							345	346	0	53.3	0	0.04
							346	347	0.001	62.1	0	0.01
							347	348	0.001	2.81	0	0.04
							348	349	0	4.39	0	0.03
							349	350	0	228	0	0.03
							350	351	0	36.6	0	0.02
							351	352	0	320	0	0.02
							352	353	0	4040	0	0.1
							353	354	0.002	296	0	0.05
							354	355	0.001	87.4	0	0.03
							355	356	0	1120	0	0.03
							356	357	0.001	10.55	0	0.11
							357	358	0.001	13.1	0	0.14
							358	359	0.007	17.55	0	0.11
							359	360	0.003	6.28	0	0.93
360.3 m	366.4 m	6.1 m	Limestone - bleached white	5								

366.4 m	407.7 m	41.3 m	Skarn - Epidote garnet 379 to 384.2 5-15% bornite appears on fractures and pervasively though rock. At 390.8 to end of section, calcite veinlets appear to 3mm in size. Every 10-20cm some are larger up to 10mm in thickness.	3 eg 2	378 379 380 381 392 383 384 385 386 387 395 403	379 380 381 382 393 384 385 386 387 388 396 404	0.015 0.697 1.135 0.986 0.594 1.545 0.2 0.107 0.001 0.004 0.013 0.06	13.4 97.8 207 202 117.5 39.1 53.7 26.6 1.9 3.32 5.31 3.4	0 0.2 0.2 0.2 0.2 0.4 0 0 0 0 0 0	0.17 6.12 10.25 8.47 5.74 15.15 1.03 0.92 0.04 0.05 0.31 0.5
407.7 m	411.6 m	3.9 m	Limestone - bleached white	5	409	410	0.013	3.07	0	0.1
411.6 m	425.5 m	13.9 m	Mafic dike alternating with limestone. Slight shearing in fractures up to 5cm in width. At 424.6 to 425.5 barren skarn zone.	9b 5 3						
425.5 m	430.7 m	5.2 m	Fault zone - containing mafic dike, brecciated texture and gouge. Py in places.	9b						
430.7 m	585.4 m	154.7 m	Diorite	8						
585.4 m	589.78 m	4.38 m	Dikes in granodiorite	7 b						
		End Of Hole								

APPENDIX E

DIAMOND DRILL ASSAY SAMPLE SHEETS

VRN-10-05

And

NS-10-25

Arctic Chief Target

Sample Intervals and Selected Metal Assays

Hole_ID	Sample_ID	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Cu (%)	Mo (ppm)
VRN-10-05	J952000	30	31	1	<0.2	0.02	22.3		0.76
VRN-10-05	J952001	40	41	1	<0.2	0.05	25.3		0.67
VRN-10-05	J952002	50	51	1	<0.2	0.02	11.1		0.36
VRN-10-05	J952003	60	61	1	<0.2	0.01	3.2		0.33
VRN-10-05	J952004	70	71	1	<0.2	0.33	60.7		1.25
VRN-10-05	J952005	80	81	1	<0.2	0.02	8.1		0.71
VRN-10-05	J952006	90	91	1	<0.2	0.02	13.2		0.69
VRN-10-05	J952007	100	101	1	<0.2	0.02	22.3		0.79
VRN-10-05	J952008	110	111	1	<0.2	0.02	25.1		0.97
VRN-10-05	J952009	120	121	1	<0.2	0.02	20.2		0.49
VRN-10-05	J952010	130	131	1	<0.2	0.09	55		1.14
VRN-10-05	J952011	140	141	1	<0.2	0.02	11.6		0.53
VRN-10-05	J952012	150	151	1	<0.2	0.02	6.9		0.46
VRN-10-05	J952013	160	161	1	<0.2	0.02	5.5		0.4
VRN-10-05	J952014	170	171	1	<0.2	0.02	7.2		0.5
VRN-10-05	J952015	180	181	1	<0.2	0.02	7.5		0.72
VRN-10-05	J952016	190	191	1	<0.2	0.04	18.9		0.38
VRN-10-05	J952017	200	201	1	<0.2	0.01	2.3		0.34
VRN-10-05	J952018	210	211	1	<0.2	0.03	12.4		0.41
VRN-10-05	J952019	220	221	1	<0.2	0.02	3.4		0.62
VRN-10-05	J952020	230	231	1	<0.2	0.03	6		0.46
VRN-10-05	J952021	240	241	1	<0.2	0.03	9.2		1.33
VRN-10-05	J952022	250	251	1	<0.2	0.02	4.2		1.46
VRN-10-05	J952023	260	261	1	<0.2	0.03	3.6		0.41
VRN-10-05	J952024	270	271	1	<0.2	0.07	86.9		3.42
VRN-10-05	J952025	280	281	1	<0.2	0.02	13.8		0.76
VRN-10-05	J952026	290	291	1	<0.2	0.02	6.4		0.58
VRN-10-05	J952027	300	301	1	<0.2	0.04	31.9		0.16
VRN-10-05	J952028	301	302	1	<0.2	0.06	49.3		0.42
VRN-10-05	J952029	302	303	1	<0.2	0.09	32.5		0.37
VRN-10-05	J952030	303	304	1	<0.2	0.17	114.5		0.32
VRN-10-05	J952031	304	305	1	<0.2	0.04	20.5		0.65
VRN-10-05	J952032	305	306	1	<0.2	0.16	84.2		0.36
VRN-10-05	J952033	306	307	1	<0.2	0.05	46.2		0.18
VRN-10-05	J952034	307	308	1	<0.2	0.05	42.4		0.19
VRN-10-05	J952035	308	309	1	<0.2	0.04	94.9		0.25
VRN-10-05	J952036	309	310	1	<0.2	0.06	172.5		0.44
VRN-10-05	J952037	310	311	1	<0.2	0.27	222		0.28
VRN-10-05	J952038	311	312	1	<0.2	0.07	241		0.21
VRN-10-05	J952039	312	313	1	<0.2	0.03	93.5		0.31
VRN-10-05	J952040	313	314	1	<0.2	0.03	19.7		0.41
VRN-10-05	J952041	314	315	1	<0.2	0.05	16.3		0.3
VRN-10-05	J952042	315	316	1	<0.2	0.04	22		0.24
VRN-10-05	J952043	316	317	1	<0.2	0.03	10.3		0.44
VRN-10-05	J952044	317	318	1	<0.2	0.1	47.8		0.69
VRN-10-05	J952045	318	319	1	<0.2	0.1	89.6		0.97
VRN-10-05	J952046	319	320	1	<0.2	0.09	117.5		0.84
VRN-10-05	J952047	320	321	1	<0.2	0.36	294		0.51

Arctic Chief Target

Sample Intervals and Selected Metal Assays

Hole_ID	Sample_ID	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Cu (%)	Mo (ppm)
VRN-10-05	J952048	321	322	1	<0.2	0.3	262		0.28
VRN-10-05	J952049	322	323	1	<0.2	0.15	90.1		0.67
VRN-10-05	J952050	323	324	1	<0.2	0.11	53.2		0.77
VRN-10-05	J952051	324	325	1	<0.2	0.31	155.5		5.26
VRN-10-05	J952052	325	326	1	<0.2	0.27	289		2.49
VRN-10-05	J952053	330	331	1	<0.2	0.21	157		13.4
VRN-10-05	J952054	340	341	1	<0.2	0.06	16		0.35
VRN-10-05	J952055	350.4	351.25	0.85	<0.2	11.3	>10000	1.11	1.19
VRN-10-05	J952056	360	361	1	<0.2	0.04	33.2		0.53
VRN-10-05	J952057	370	371	1	<0.2	0.06	50.4		0.56
VRN-10-05	J952058	380	381	1	<0.2	0.02	6.3		0.37
VRN-10-05	J952059	390	391	1	<0.2	0.05	30		1.45
VRN-10-05	J952060	400	401	1	<0.2	0.01	1.1		0.07
VRN-10-05	J952061	410	411	1	<0.2	0.03	10.2		0.37
VRN-10-05	J952062	420	421	1	<0.2	0.24	23.2		0.51
VRN-10-05	J952063	430	431	1	<0.2	0.03	32.8		0.39
VRN-10-05	J952064	440	441	1	<0.2	0.06	35.7		0.28
VRN-10-05	J952065	450	451	1	<0.2	0.05	24		1.2
VRN-10-05	J952066	460	461	1	<0.2	0.04	53.1		0.51
VRN-10-05	J952067	461	462	1	<0.2	0.02	3.6		0.29
VRN-10-05	J952068	462	463	1	<0.2	0.07	95.4		0.65
VRN-10-05	J952069	463	464	1	<0.2	0.08	119		0.26
VRN-10-05	J952070	464	465	1	<0.2	0.01	16.6		<0.05
VRN-10-05	J952071	465	466	1	<0.2	0.03	57.8		0.14
VRN-10-05	J952072	466	467	1	<0.2	0.17	359		0.73
VRN-10-05	J952073	467	467.2	0.2	<0.2	1.4	3540		3.16
VRN-10-05	J952074	467.2	468	0.8	<0.2	0.18	287		0.39
VRN-10-05	J952075	468	469	1	<0.2	0.17	38.5		0.36
VRN-10-05	J952076	469	470	1	<0.2	0.07	26.6		0.67
VRN-10-05	J952077	470	471	1	<0.2	0.22	45.8		0.51
VRN-10-05	J952078	471	472	1	<0.2	0.94	438		0.56
VRN-10-05	J952079	472	473	1	<0.2	0.29	168		0.72
VRN-10-05	J952080	473	474	1	<0.2	0.35	229		0.55
VRN-10-05	J952081	480	481	1	<0.2	0.09	23.1		3.82
VRN-10-05	J952082	481	482	1	<0.2	0.51	270		0.87
VRN-10-05	J952083	482	483	1	<0.2	0.34	232		0.85
VRN-10-05	J952084	483	484	1	<0.2	0.1	105.5		1.89
VRN-10-05	J952085	490	491	1	<0.2	0.33	326		2.88
VRN-10-05	J952086	500	501	1	<0.2	0.07	22.1		0.45
VRN-10-05	J952087	508	509	1	<0.2	0.01	4.9		0.6
VRN-10-05	J952088	509	510	1	<0.2	0.09	99.9		0.63
VRN-10-05	J952089	510	511	1	<0.2	0.25	296		0.47
VRN-10-05	J952090	520	521	1	<0.2	0.01	5.9		4.32
VRN-10-05	J952091	527	528	1	<0.2	0.44	553		33.3
VRN-10-05	J952092	528	528.3	0.3	<0.2	0.41	491		9.75
VRN-10-05	J952093	530	531	1	<0.2	<0.01	8.6		6.19
VRN-10-05	J952094	540	541	1	<0.2	0.03	12.4		1.35

Arctic Chief Target

Sample Intervals and Selected Metal Assays

Hole_ID	Sample_ID	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Cu (%)	Mo (ppm)
VRN-10-05	J952095	550	551	1	<0.2	<0.01	8.3		1.11
VRN-10-05	J952096	551	552	1	<0.2	0.03	14.7		2.69
VRN-10-05	J952097	560	561	1	<0.2	<0.01	1.8		0.69
VRN-10-05	J952098	570	571	1	<0.2	0.03	41		0.34
VRN-10-05	J952099	580	581	1	<0.2	0.03	14.4		2.19
VRN-10-05	J952100	590	591	1	<0.2	0.09	36.2		1.94
VRN-10-05	J952101	600	601	1	<0.2	0.06	36		3.17
VRN-10-05	J952102	610	611	1	<0.2	0.05	74.7		1.32
VRN-10-05	J952103	620	621	1	<0.2	0.02	7		1.25
VRN-10-05	J952104	630	631	1	<0.2	0.11	77.8		18.2
VRN-10-05	J952105	640	641	1	<0.2	0.01	17.5		1.41
VRN-10-05	J952106	650	651	1	<0.2	0.06	35.6		2.84
VRN-10-05	J952107	660	661	1	<0.2	0.03	21.3		4.1
VRN-10-05	J952108	670	671	1	<0.2	0.13	84.4		0.36
VRN-10-05	J952109	680	681	1	<0.2	0.05	55.1		13.1
VRN-10-05	J952110	690	691	1	<0.2	0.01	5.8		1.64
VRN-10-05	J952111	700	701	1	<0.2	0.09	120		1.48
VRN-10-05	J952112	710	711	1	<0.2	0.07	85.6		0.58
VRN-10-05	J952113	720	721	1	<0.2	0.03	11.4		0.15
VRN-10-05	J952114	730	731	1	<0.2	0.03	16.3		4.22
VRN-10-05	J952115	740	741	1	<0.2	0.09	40.6		0.43
VRN-10-05	J952116	750	751	1	<0.2	0.04	17.6		0.32
VRN-10-05	J952117	760	761	1	<0.2	0.05	10		0.47
VRN-10-05	J952118	770	771	1	<0.2	0.29	358		1.98
VRN-10-05	J952119	780	781	1	<0.2	0.15	161.5		0.84
VRN-10-05	J952120	790	791	1	<0.2	0.09	59.2		1.11
VRN-10-05	J952121	800	801	1	<0.2	0.09	93		1.11
VRN-10-05	J952122	810	811	1	<0.2	0.03	16.9		1.27

Kluane Drilling Ltd.
North Star Target 2010
Sample Intervals and Selected Metal Assays

Hole_ID	Sample_ID	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Cu (%)	Mo (ppm)
NS-10-25	J952123	9.0	10.0	1.0	<0.2	0.08	58.8		2.78
NS-10-25	J952124	28.0	29.0	1.0	<0.2	0.09	45.6		1.53
NS-10-25	J952125	29.0	30.0	1.0	<0.2	0.41	517		0.85
NS-10-25	J952126	30.0	31.0	1.0	<0.2	0.27	183.5		0.56
NS-10-25	J952127	31.0	32.0	1.0	<0.2	0.27	17.2		2.11
NS-10-25	J952128	32.0	33.0	1.0	<0.2	1.36	166.5		1.13
NS-10-25	J952129	33.0	34.0	1.0	<0.2	0.21	340		188.5
NS-10-25	J952130	34.0	35.0	1.0	<0.2	1.02	680		3.98
NS-10-25	J952131	35.0	36.0	1.0	<0.2	0.2	206		2.07
NS-10-25	J952132	36.0	37.0	1.0	<0.2	0.05	36.5		0.97
NS-10-25	J952133	37.0	38.0	1.0	<0.2	0.53	342		1.18
NS-10-25	J952134	38.0	39.0	1.0	<0.2	0.09	59.9		29.8
NS-10-25	J952135	39.0	40.0	1.0	<0.2	0.05	43.8		6.94
NS-10-25	J952136	40.0	41.0	1.0	<0.2	0.05	91.1		8.09
NS-10-25	J952137	41.0	42.0	1.0	<0.2	0.01	5.6		0.41
NS-10-25	J952138	42.0	43.0	1.0	<0.2	0.07	62.8		2.56
NS-10-25	J952139	43.0	44.0	1.0	<0.2	0.08	74.7		0.9
NS-10-25	J952140	49.0	50.0	1.0	<0.2	0.08	97.5		4.15
NS-10-25	J952141	50.0	51.0	1.0	<0.2	0.08	50		0.94
NS-10-25	J952142	59.0	60.0	1.0	<0.2	0.03	18		2.64
NS-10-25	J952143	60.0	61.0	1.0	<0.2	0.08	82.9		3.54
NS-10-25	J952144	61.0	62.0	1.0	<0.2	0.03	28		2.69
NS-10-25	J952145	62.0	63.0	1.0	<0.2	0.02	21.1		1.66
NS-10-25	J952146	70.0	71.0	1.0	<0.2	0.2	46.5		8.51
NS-10-25	J952147	71.0	72.0	1.0	<0.2	0.31	283		2.35
NS-10-25	J952148	76.0	77.0	1.0	<0.2	0.07	82.3		0.81
NS-10-25	J952149	80.0	81.0	1.0	<0.2	0.05	18.1		2.97
NS-10-25	I103901	90.0	91.0	1.0	<0.2	0.06	25		0.37
NS-10-25	I103902	98.0	99.0	1.0	<0.2	0.16	67.4		41.5
NS-10-25	I103903	99.0	100.0	1.0	<0.2	0.15	65.6		2.34
NS-10-25	I103904	116.0	117.0	1.0	<0.2	0.04	19.4		4.63
NS-10-25	I103905	117.0	118.0	1.0	<0.2	0.06	34		31.9
NS-10-25	I103906	126.0	127.0	1.0	<0.2	0.02	13.1		3.67
NS-10-25	I103907	134.0	135.0	1.0	<0.2	0.03	17.3		5.16
NS-10-25	I103908	140.0	141.0	1.0	<0.2	0.02	6.8		4.11
NS-10-25	I103909	141.0	142.0	1.0	<0.2	0.04	10.2		3.77
NS-10-25	I103910	145.0	146.0	1.0	<0.2	0.11	132		22.3
NS-10-25	I103911	147.0	148.0	1.0	<0.2	0.17	280		64.1
NS-10-25	I103912	148.0	149.0	1.0	<0.2	0.07	80.1		13.6
NS-10-25	I103913	149.0	150.0	1.0	<0.2	0.03	21		8.41
NS-10-25	I103914	150.0	151.0	1.0	<0.2	0.01	3.5		9.39
NS-10-25	I103915	151.0	152.0	1.0	<0.2	0.02	5.7		4.37
NS-10-25	I103916	152.0	153.0	1.0	<0.2	0.05	44.4		8.49
NS-10-25	I103917	153.0	154.0	1.0	<0.2	0.02	8.3		3.3
NS-10-25	I103918	154.0	155.0	1.0	<0.2	0.01	6.2		3.28
NS-10-25	I103919	155.0	156.0	1.0	<0.2	0.02	3		3.65
NS-10-25	I103920	156.0	157.0	1.0	<0.2	0.02	10.8		3.35
NS-10-25	I103921	157.0	158.0	1.0	<0.2	0.03	13.6		18.15
NS-10-25	I103922	158.0	159.0	1.0	<0.2	0.06	12.2		103.5
NS-10-25	I103923	159.0	160.0	1.0	<0.2	0.05	42.4		6.22

NS-10-25	I103924	160.0	161.0	1.0	<0.2	0.11	83.6		31.4
NS-10-25	I103925	161.0	162.0	1.0	<0.2	0.02	27.2		7.19
NS-10-25	I103926	162.0	163.0	1.0	<0.2	0.04	45.4		8.81
NS-10-25	I103927	163.0	164.0	1.0	<0.2	0.01	4.3		4.13
NS-10-25	I103928	164.0	165.0	1.0	<0.2	0.01	3.9		2.56
NS-10-25	I103929	165.0	166.0	1.0	<0.2	0.02	7.1		2.93
NS-10-25	I103930	166.0	167.0	1.0	<0.2	0.09	75.6		31.4
NS-10-25	I103931	167.0	168.0	1.0	<0.2	0.14	95.7		349
NS-10-25	I103932	168.0	169.0	1.0	<0.2	0.11	108		11.05
NS-10-25	I103933	169.0	170.0	1.0	<0.2	0.08	67.2		145
NS-10-25	I103934	175.0	176.0	1.0	<0.2	0.21	255		25
NS-10-25	I103935	184.0	185.0	1.0	<0.2	4.88	4860		2.07
NS-10-25	I103936	194.0	195.0	1.0	<0.2	4.48	3210		2.77
NS-10-25	I103937	195.0	196.0	1.0	<0.2	0.46	562		1.92
NS-10-25	I103938	196.0	197.0	1.0	<0.2	0.28	230		10.2
NS-10-25	I103939	197.0	198.0	1.0	0.4	10.05	4840		17.15
NS-10-25	I103940	198.0	199.0	1.0	<0.2	0.87	583		3.15
NS-10-25	I103941	199.0	200.0	1.0	<0.2	0.55	361		3.52
NS-10-25	I103942	200.0	201.0	1.0	4.5	17.6	>10000	0.968	101.5
NS-10-25	I103943	201.0	202.0	1.0	<0.2	2.7	1215		938
NS-10-25	I103944	207.0	208.0	1.0	<0.2	0.4	2350		13.55
NS-10-25	I103945	208.0	209.0	1.0	<0.2	0.12	25.9		6.58
NS-10-25	I103946	209.0	210.0	1.0	<0.2	0.24	150.5		1.77
NS-10-25	I103947	210.0	211.0	1.0	<0.2	6.34	6700		22.6
NS-10-25	I103948	211.0	212.0	1.0	0.5	54.7	>10000	4.26	2.71
NS-10-25	I103949	212.0	213.0	1.0	0.3	41.8	>10000	3.73	2.44
NS-10-25	I103950	213.0	214.0	1.0	0.4	18.05	>10000	1.655	2.55
NS-10-25	I359501	214.0	215.0	1.0	<0.2	2.65	2830		1.55
NS-10-25	I359502	215.0	216.0	1.0	0.6	23.9	>10000	2.31	41.7
NS-10-25	I359503	216.0	217.0	1.0	0.4	8.13	7730		61.6
NS-10-25	I359504	217.0	218.0	1.0	<0.2	0.76	776		4.89
NS-10-25	I359505	218.0	219.0	1.0	<0.2	0.07	42.4		2.62
NS-10-25	I359506	219.0	220.0	1.0	<0.2	0.12	218		3.72
NS-10-25	I359507	220.0	221.0	1.0	<0.2	0.02	8.7		1.46
NS-10-25	I359508	243.0	244.0	1.0	<0.2	0.14	75.2		3.41
NS-10-25	I359509	244.0	245.0	1.0	<0.2	0.04	13.1		2.48
NS-10-25	I359510	251.0	252.0	1.0	<0.2	0.18	7.8		295
NS-10-25	I359511	265.0	266.0	1.0	<0.2	0.22	165.5		320
NS-10-25	I359512	266.0	267.0	1.0	<0.2	0.08	41.4		6.25
NS-10-25	I359513	267.0	268.0	1.0	<0.2	0.06	17.3		9.42
NS-10-25	I359514	268.0	269.0	1.0	<0.2	0.07	34.3		12.05
NS-10-25	I359515	269.0	270.0	1.0	<0.2	0.02	12.7		4.39
NS-10-25	I359516	270.0	271.0	1.0	<0.2	0.06	27.7		15.85
NS-10-25	I359517	331.0	332.0	1.0	<0.2	0.03	14.2		3.72
NS-10-25	I359518	332.0	333.0	1.0	<0.2	0.07	50.1		3.48
NS-10-25	I359519	333.0	334.0	1.0	<0.2	0.16	178		7.28
NS-10-25	I359520	334.0	335.0	1.0	<0.2	0.17	200		74.8
NS-10-25	I359521	335.0	336.0	1.0	<0.2	0.1	91.4		73.1
NS-10-25	I359522	336.0	337.0	1.0	<0.2	0.12	10		4370
NS-10-25	I359523	337.0	338.0	1.0	<0.2	0.07	76.3		459
NS-10-25	I359524	338.0	339.0	1.0	<0.2	0.03	3.7		653

NS-10-25	I359525	339.0	340.0	1.0	<0.2	0.05	13.3		1575
NS-10-25	I359526	340.0	341.0	1.0	<0.2	0.04	23.3		90.7
NS-10-25	I359527	341.0	342.0	1.0	<0.2	0.05	44.9		109
NS-10-25	I359528	342.0	343.0	1.0	<0.2	0.08	44.7		182.5
NS-10-25	I359529	343.0	344.0	1.0	<0.2	0.07	1.9		1975
NS-10-25	I359530	344.0	345.0	1.0	<0.2	0.03	12.3		65
NS-10-25	I359531	345.0	346.0	1.0	<0.2	0.04	2.7		53.3
NS-10-25	I359532	346.0	347.0	1.0	<0.2	0.01	10.1		62.1
NS-10-25	I359533	347.0	348.0	1.0	<0.2	0.04	7.8		2.81
NS-10-25	I359534	348.0	349.0	1.0	<0.2	0.03	2.6		4.39
NS-10-25	I359535	349.0	350.0	1.0	<0.2	0.03	2.2		228
NS-10-25	I359536	350.0	351.0	1.0	<0.2	0.02	2		36.6
NS-10-25	I359537	351.0	352.0	1.0	<0.2	0.02	2		320
NS-10-25	I359538	352.0	353.0	1.0	<0.2	0.1	2.4		4040
NS-10-25	I359539	353.0	354.0	1.0	<0.2	0.05	24.2		296
NS-10-25	I359540	354.0	355.0	1.0	<0.2	0.03	11		87.4
NS-10-25	I359541	355.0	356.0	1.0	<0.2	0.03	3.2		1120
NS-10-25	I359542	356.0	357.0	1.0	<0.2	0.11	6.7		10.55
NS-10-25	I359543	357.0	358.0	1.0	<0.2	0.14	14.5		13.1
NS-10-25	I359544	358.0	359.0	1.0	<0.2	0.11	69.3		17.55
NS-10-25	I359545	359.0	360.0	1.0	<0.2	0.93	27.6		6.28
NS-10-25	I359546	378.0	379.0	1.0	<0.2	0.17	148		13.4
NS-10-25	I359547	379.0	380.0	1.0	0.2	6.12	6970		97.8
NS-10-25	I359548	380.0	381.0	1.0	0.2	10.25	>10000	1.135	207
NS-10-25	I359549	381.0	382.0	1.0	0.2	8.47	9860		202
NS-10-25	I359550	392.0	393.0	1.0	0.2	5.74	5940		117.5
NS-10-25	J669000	383.0	384.0	1.0	0.4	15.15	>10000	1.545	39.1
NS-10-25	J669001	384.0	385.0	1.0	<0.2	1.03	2000		53.7
NS-10-25	J669002	385.0	386.0	1.0	<0.2	0.92	1065		26.6
NS-10-25	J669003	386.0	387.0	1.0	<0.2	0.04	10.9		1.9
NS-10-25	J669004	387.0	388.0	1.0	<0.2	0.05	39.2		3.32
NS-10-25	J669005	395.0	396.0	1.0	<0.2	0.31	126.5		5.31
NS-10-25	J669006	403.0	404.0	1.0	<0.2	0.5	599		3.4
NS-10-25	J669007	409.0	410.0	1.0	<0.2	0.1	128.5		3.07
NS-10-25	J669008	416.0	417.0	1.0	<0.2	0.07	149		3.58
NS-10-25	J669009	417.0	418.0	1.0	<0.2	0.14	86.7		5.18
NS-10-25	J669010	424.0	425.0	1.0	<0.2	0.22	132.5		3.3
NS-10-25	J669011	425.0	426.0	1.0	<0.2	0.36	64.1		3.52
NS-10-25	J669012	426.0	427.0	1.0	<0.2	0.1	437		0.98
NS-10-25	J669013	427.0	428.0	1.0	<0.2	3.92	2690		3.85
NS-10-25	J669014	428.0	429.0	1.0	1	11.75	9850		5.41
NS-10-25	J669015	429.0	430.0	1.0	0.4	2.97	4350		25.4
NS-10-25	J669016	430.0	431.0	1.0	<0.2	1.44	2050		4.79
NS-10-25	J669017	440.0	441.0	1.0	<0.2	0.05	25.5		4.55
NS-10-25	J669018	460.0	461.0	1.0	<0.2	0.06	44.3		2.03
NS-10-25	J669019	480.0	481.0	1.0	<0.2	0.03	13.9		1.99
NS-10-25	J669020	500.0	501.0	1.0	<0.2	0.03	16.5		0.95
NS-10-25	J669021	520.0	521.0	1.0	<0.2	0.04	27.2		0.94
NS-10-25	J669022	540.0	541.0	1.0	<0.2	0.03	31.7		2.27
NS-10-25	J669023	561.0	562.0	1.0	<0.2	0.03	17.1		2.44
NS-10-25	J669024	580.0	581.0	1.0	<0.2	0.85	13.5		1.13

APPENDIX F

ALS MINERALS

ASSAY CERTIFICATE

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