[YMIP 00-046]

ASSESSMENT REPORT

DIAMOND DRILLING

094124

on

HAT 27 and HAT 28 CLAIMS

YB58049 and YB58050

July 08 – August 03, 2000

Latitude 60°44'44"N, Longitude 134°44'44"

NTS 105 D/11, 14

WHITEHORSE MINING DISTRICT
YUKON TERRITORY

for

Kluane Drilling Ltd.
14 MacDonald Road
Whitehorse, Yukon
Y1A 4L1

by
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August 31, 2000

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 21,000.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Summary

In the summer of year 2000, Kluane Drilling Ltd. carried out an exploration program on the HAT claims at the north end of the Whitehorse Copper Belt. Five line-kilometers of Induced Polarization survey and two diamond drill holes totaling 1172 ft (357.23m) were completed. Drill hole HT-1 located inside the garbage dump site intersected 34.6 ft (10.55 m) well mineralized skarn averaging 1.05 gram/tonne gold, 40.28 gram/tonne silver and 4.99% copper and associated 115.36 ppm molybdenum (Mo) and 258.49 ppm bismuth (Bi). The highest gold and copper assays are 2.92 gram/tonne Au and 11.25% Cu.

The drilling has been mostly within sedimentary rocks. No major intrusive contact was intersected but dikes and fingers. Intrusive hosted mineralization may exist to the east of HT-1. Further drilling on the garbage dump site is recommended.

It is also recommended that the skarn zone near the west end of the IP survey lines be drill tested.

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Introduction

In the summer of year 2000, Kluane Drilling Ltd., based on previous trenching and data compilation, carried out further exploration on the HAT claims at the north end of the Whitehorse Copper Belt. Work included 5-line kilometer Induced Polarization survey and 1,172 ft (357.23m) diamond drilling in two drill holes. A total of 86 drill core samples and one grab rock sample were collected and analyzed for gold and copper and 32 additional elements by ALS Chemex . in North Vancouver.

The overall program is partially funded by Yukon Mining Incentive Program (YMIP designation number 00-046). The geophysical survey was conducted by Amerock Geosciences Ltd. of Whitehorse. The survey result is detailed in a separate report. The diamond drilling was conducted by Kluane Drilling Ltd. of Whitehorse, and the drilling result is detailed in this report.

Property Location and Access

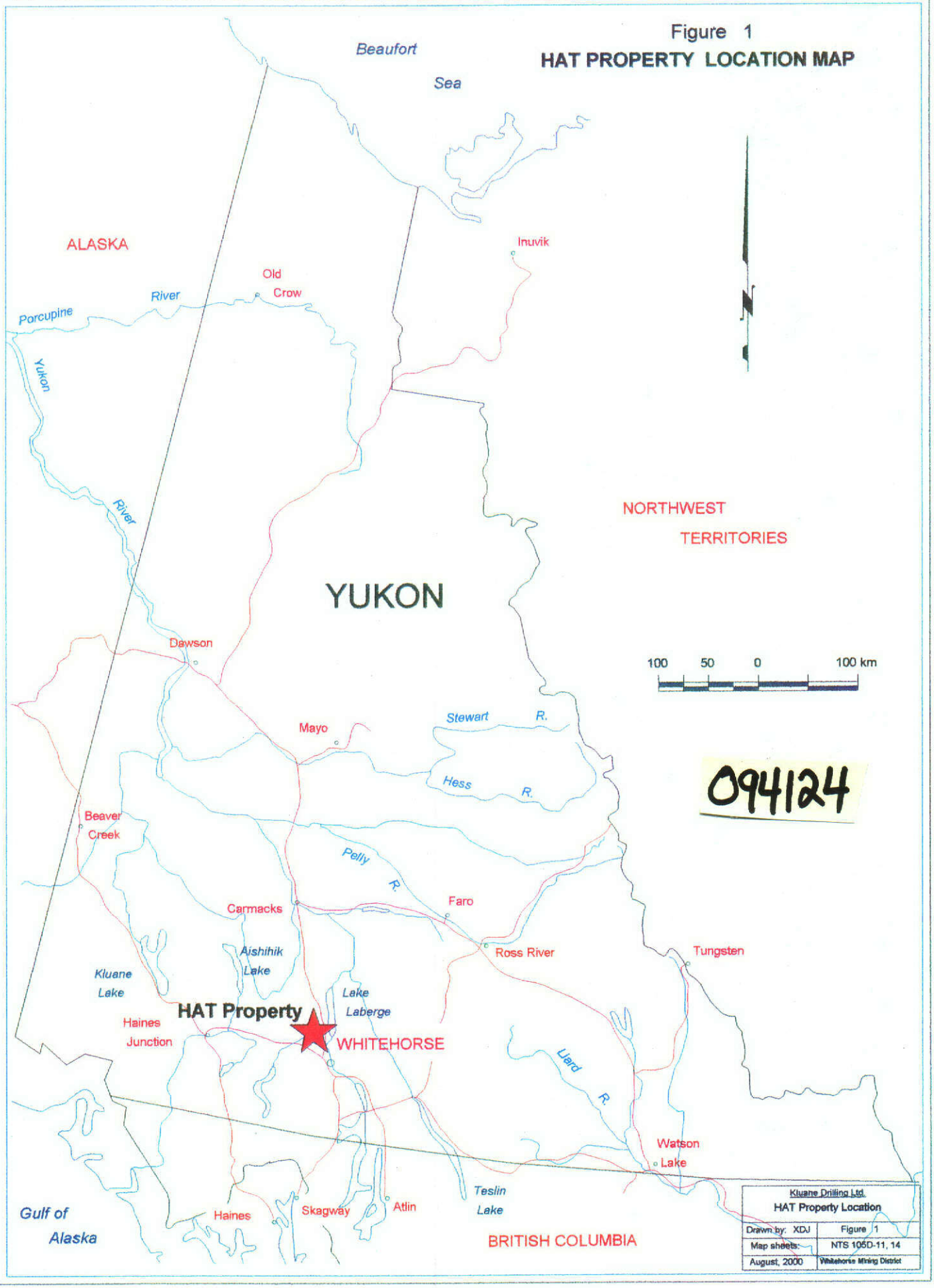
The HAT property consists of 52 contiguous mineral claims including HAT 1 – 48 and Bornite 1 - 2 and Zircon 2 and Zircon 4. The claim status and ownership are listed in Table – 1. The claims are located about 5 km NW of Whitehorse City downtown, and to the west of Alaska Highway, with its center at about latitude 60° 45.3' N and longitude 135° 10.5' W straddling NTS sheets105D/11 and 14 (Figure 1 and 2). The claims cover the north end of the Whitehorse Copper Belt, with the abandoned War Eagle open pit to its south. The newly stripped northern portion of the garbage dump site lies on HAT-1 and HAT-27 claims.

Table-1, HAT Claim Status

Claim Name	Grant Number	Number of Claims	Mining District	Ownership	New Expiry Date
Hat 1-20	YB57537-YB57556	20	Whitehorse	KD 50% Norwest 50%	2005/11/11
Hat 21-26	YB58021-YB58026	6	Whitehorse	KD 50% Norwest 50%	2007/11/11
Hat 27-34	YB58049-YB58056	8	Whitehorse	KD 50% Norwest 50%	2007/11/11
Hat 35-36	YB58139-YB58140	2	Whitehorse	KD 50% Norwest 50%	2006/11/11
Hat 37-40	YB66395-YB66398	4	Whitehorse	KD 50% Norwest 50%	2005/11/16
Hat 41-44	YC18449-YC18452	4	Whitehorse	KD 50% Norwest 50%	2006/02/26
Hat 45-46	YC18695-YC18696	2	Whitehorse	KD 50% Norwest 50%	2006/05/18
Hat 47-48		2	Whitehorse	KD 100%	2006/08/28
Bornite 1-2	73783-73784	2	Whitehorse	KD 100%	2006/01/01
Zircon 2	64183	1	Whitehorse	KD 100%	2006/01/01
Zircon 4	74157	1	Whitehorse	KD 100%	2006/01/01

Figure 1

HAT PROPERTY LOCATION MAP



Access to HAT claims is very convenient from Whitehorse City. Several roads lead to the claims including mainly the Whitehorse copper haul road, the garbage dump site road and the road from south of Crest View. A number of trails exist on the property including the well cut Whitehorse Traverse Reference Line.

Physiography, Climate and Vegetation

The Hat property lies below tree line, on a gentle slope west of Alaska Highway. The highest point on the property is about 1230 meters above sea level, while the lowest at about 750 meters above sea level. The climate is of interior continental, with annual precipitation of about 300 mm. The region has cold and long winters followed by warm summers. Snow free season starts from about mid-May to late September. Permafrost may exist as small patches on the steep north facing slopes. Most of the property is well treed by black spruce, willow and alder, etc. except in a few small swampy areas where low dense brush and moss are well developed. Outcrops on the Hat claims are sparse. Overburden depth varies from a few meters to several tens of meters.

Previous Work

There is great amount of work done on the Whitehorse Copper Belt over it's more than one hundred year history. Numerous publications are available today. From the first claim staked by Jack McIntrye on July 6th, 1898, the Whitehorse Copper Belt has seen quite a few booms and busts caused either by world copper prices or by infrastructure problems. Major companies that have worked on the belt include: Richmond Yukon Company worked in late 1920's; Noranda Mines worked in late 1940's; Hudson Bay Exploration and Development Company worked in 1950's and from late 1970's to 1990's; and Imperial Mines and Metals (later changed name to New Imperial Mines Ltd. in 1957) from 1950's to late 1970's. The Whitehorse Copper mining operations ceased at the end of 1982. The production for the 1967 - 1982 period included 267,490,930 pounds copper, 224,565 ounces gold and 2,837,631 ounces of silver from 11,017,738 tons of ore milled. Further exploration on the Copper Belt has been relatively dormant since 1982. Only minor amount of drilling, trenching and geophysics were conducted with no new economic discoveries.

Regional Geology

The geological setting of the Whitehorse Copper Belt is well summarized by D. Tenney (1981): The Whitehorse Copper Belt is within the Whitehorse Trough, a subdivision of the Intermontane Belt. The trough trends northwestwards through south central Yukon and represents an island arc complex that ranges from upper Paleozoic through Jurassic in age. Within the Copper Belt, clastic and carbonate rocks of the upper Triassic Lewes River Group and clastic rocks of the Lower Jurassic Laberge Group are the dominant rock types. The copper bearing

skarns occur over a length of about 32 km along the western side of a Cretaceous diorite batholith of the Coast Platonic Complex.

Property Geology

The Hat Claims are located in the north end of the Whitehorse Copper Belt. Past producer War Eagle open pit sits right to the southern edge of the claims. About two thirds of the property is underlain by sedimentary rocks of Upper Triassic Lewes River Group and Lower to Middle Jurassic Laberge Group. The rest is occupied by Mid Cretaceous Whitehorse Batholith. The Lewes River Group is composed of a mixture of calcareous and dolomitic siltstone, sandstone and mudstone; pyritic siltstone; sandstone, argillite, limestone, dolomite and fragmental rocks. The Laberge Group is consisted of poorly sorted greywacke and sandstone with interbeded argillite and siltstone (no calcareous units) (Watson, 1984). The Whitehorse Batholith is composed of grey, equigranular, medium to coarse grained, biotite - hornblende quartz monzonite to granodiorite and hornblende diorite. The contact between the sedimentary rocks and the Batholith is believed to be about 300m east of the War Eagle open pit. This contact zone has never been well defined due to overburden. Coincidental geophysical anomalies were found near the dump site area where several widely spaced holes were previously drilled by Hudson Bay to test the main contact zone. The best intersection returned 16.5 feet averaging 1.78% Cu in hole HS-7.

Mineralization on HAT claims are mainly of skarn style as iron-rich and silicate-rich copper skarns developed in the Upper Triassic Lewes River Group limestones and clastic sedimentary rocks near contact with granodiorite. Other styles of mineralization reported on the Whitehorse Copper Belt include mainly porphyry Cu – (Au). However, so far there is no such economic deposit found on the belt. The new trenches on HAT claims and the many mineralized floats give strong indication that a porphyry style deposit may exist on HAT claims.

2000 Diamond Drilling Program

In the summer of year 2000, following the trenching program completed in 1998 and 1999, five line kilometer Induced Polarization survey and two diamond drill holes totaling 1172 ft (357.23 m) were completed on Hat 27 and 28 claims. Field work started on July 8, 2000 and finished by August 3, 2000. Amerock Geosciences Ltd. of Whitehorse was contracted to conduct the geophysical survey. Kluane Drilling Ltd. as owner operator finished the diamond drilling. Although the weather delayed a few days for the geophysical survey and a tri-cone bit was lost during drilling, both work were carried out satisfactorily with no major incident. Ground disturbance was kept to minimal with only about 70 meters of drill road constructed. Old grid lines were cleared and utilized to minimize tree cutting.

The overall objective of this program is to check if there is potential for a porphyry style Au – Cu – Mo deposit to be further explored in the north end of Whitehorse Copper Belt. Work for year 2000 field season has been focused inside the dump site and area to its north, where previous work were limited and geophysical surveys were conducted more than twenty years ago by different surveyors and the data are incomplete. Therefore, based on available budget work for this year include:

1. Five line kilometer Induced Polarization survey to cover the area to the north of the garbage dump site from Line 124 North to Line 140 North at 400 ft line spacing and 100 ft station spacing.
2. One drill hole to test the mineralization exposed by previous trenching on the garbage dump site area; and another drill hole to check one of the geophysical anomalies to the north of the dump site.

The I. P. survey revealed several chargeability anomalies. The strongest is on the west end of the survey lines 124N to 132N possibly caused by a skarn zone striking north north-west. Some old surface pits are still open showing skarn style mineralization. The second anomaly has moderate chargeability striking north north-east on lines 132N to 140N. It is a well-shaped anomaly all under overburden with low resistivity. The third anomaly is on Line 124N, where high resistivity is accompanied by moderate chargeability. This last anomaly was drill tested (DDH HT – 2) with no significant mineralization (see Table – 3 for drill logs and Figure 5 for section). The anomaly is possibly caused by disseminated pyrite and local pyrrhotite in both granodioritic intrusives and graywackes.

Diamond drill hole HT – 1 was drilled right inside the garbage dump site and beneath one of the trenches. It intersected significant skarn style mineralization (see Table – 2 for drill logs and Figure 4, 6 and 7 for sections). From 408.1 ft to 442.7 ft down hole depth, an interval of 34.6 ft (10.55 m) averaged 1.05 gram/tonne Gold, 40.28 gram/tonne silver and 4.99% Copper and associated 115.36 ppm molybdenum (Mo) and 258.49 ppm bismuth (Bi). The highest gold and copper assays are 2.92 gram/tonne Au and 11.25% Cu. A few short intervals of Au-Cu mineralization are also present above and below this interval.

A total of 86 half split (sawed) NQ sized drill core samples were taken from the two drill holes including 72 samples from HT-1 and 14 samples from HT-2. The samples were shipped to ALS Chemex in North Vancouver for analysis. For each sample, Fire Assay (1 assay tone) followed by Atomic Absorption method was used for gold analysis; and then a Standard Aqua-Regia Leach of 32 element ICP scan was performed using the same pulp. If any of the three elements copper (Cu), molybdenum (Mo) and silver (Ag) is over limit in the ICP scan, an Ore Grade Assay for that element is then performed. Analytical results and original assay certificates are attached in Appendix 1.

2000 HAT Property Diamond Drill Log HT - 1				Hole #:	*HT-1*					
Date Started:		July 19, 2000		Date Finished:	July 24, 2000			Final Depth:		629 feet
Grid location:		114+10N / 0+90E		Inclination:	-50			Azimuth:		180
Core Size:		NQ		Drill Rig:	Long Year 38			Logged By:		XD Jiang
Core Stored At:		200 Range Road, Whitehorse, YT Government core library.								
Drilling Contractor:		KLUANE DRILLING LTD., 14 MacDonald Road, Whitehorse, Y.T. Y1A 4L2								
Location:		On HAT 27 claim, about 600 feet southwest of HAT 27 #1 post.								
Footage										
From (ft)	To (ft)	Width (ft)	Sample #	Description		Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
0.0	**10.0**	**10.0**		Overburden - glacial deposits						
10.0	**24.0**	**14.0**		**ENDOSKARN / DIORITE**, light gray, greenish gray and pinkish green, medium to coarse grained diopside garnet endoskarn, minor local fine grained sedimentary rock inclusions, locally diorite texture well preserved. Moderately fractured, with about 1% fracture filling Mal, Py, Cpy and local Bor. Green Diop alteration halos around fractures and local minor Ep.						
10.0	14.5	4.5	111301	<1% disseminated and veinlet Py and Cpy, local minor Mal stain.		75	0.643	2.6	6	10
14.5	18.5	4.0	111302	medium to coarse graind granodiorite, 1% veinlet and disseminated halo of Py Cpy and Bor, trace Mal. including 1.8 feet relatively unaltered.		185	<0.001	<0.2	<1	2
18.5	24.0	5.5	111303	Gar-Diop skarn, minor Ep, trace disseminated Py Cpy.		5	0.060	0.6	13	6
24.0	**78.0**	**54.0**		**SILTSTONE / DIKES**, skarnified sedimentary rock mostly siltstone intruded by small dioritic to granitic dikes and irregular patches associated with Diop-Gar (Ep) alteration halos, local with Bor-Cpy-Py (Mal) veinlets and disseminated sulphides near alteration halos of veinlets. Less sulphides down hole. The sedimentary rock is locally moderately foliated with biotitic foliations at about 60 degrees to core axis (CA). Locally weakly magnetic.						
24.0	25.5	1.5	111304	Skarnified siltstone, with fracture filling Mal, Cpy and Py, and disseminated sulphides in alteration halos near fractures.		135	0.361	1.8	16	30
31.3	35.0	3.7	111305	including 15-20% intrusive lens and patches, with disseminated Bor, Bor veinlets, minor Cpy Py and Mal stain.		145	0.499	2.4	8	24
35.0	39.0	4.0	111306	40% light green Diop skarn and disseminated sulphides, as above.		1745	0.468	4.6	12	38
39.0	41.8	2.8	111307	30% intrusive lenses, trace to 0.5% disseminated Py Cpy.		10	0.033	0.2	10	8
41.8	46.0	4.2	111308	trace disseminated and veinlet Cpy, 1% disseminated fine grained Py.		5	0.039	<0.2	10	6

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
				From 56.5 - 78', more biotitic and well banded to foliated locally, weakly magnetic, local with Py-Po fracture fillings (69-70').					
68.0	70.0	2.0	111309	medium gray fine grained, moderately foliated, 1% disseminated fine grained Py, 0.5% Py-Po veinlets.	<5	0.029	<0.2	71	2
78.0	**101.4**	**23.4**		**DIORITE**, light gray, light greenish gray, medium to coarse grained, local porphyritic with white feldspar phenocrysts of 2-3 mm. Weakly foliated @ 50 CA, upper contact @ 62 CA sharp. Weakly to moderately altered with ghosty irregular light green to pink green patches and mostly along fractures. 1-2% disseminated fine grained Py, Po, weakly magnetic. A few small fractures @ 25-30 CA near lower contact filled with Mo-Bor-Cpy, and minor disseminated halos.					
92.0	95.0	3.0	111310	Moderately foliated dark gray diorite with local bleached light gray to greenish gray - Chl+Trem, 1% Py Po as fracture-fillings and disseminated halos.	<5	0.017	0.2	8	<2
99.5	101.5	2.0	111311	Chl Trem altered, with Mo-Bor-Cpy veinlets near lower contact. High Mo sample.	100	0.358	2.6	931	20
101.4	**162.8**	**61.4**		**GARNET SKARN / SKARNIFIED SILTSTONE**, Gar skarn is coarse grained, Gar as disseminated and irregular patches and bands in white to local light green Diop-Trem, minor Wal. Local with fracture-filling Bor-Cc-Mo veinlets and patches and disseminated, esp. in sample 111313. Siltstone, as intercalated lenses of about 1 meter or less with gradational to local sharp contacts with Gar skarn, gray, greenish gray to purplish gray, fine grained, weakly magnetic, with trace to 1% disseminated fine grained Py Po. Also, some small dikes as below.					
108.5	111.0	2.5	111312	disseminated and irregular patches of Gar with bleached halos in skarnified siltstone, 0.5% Cpy-Bor-Mo veinlets.	<5	0.033	0.2	158	8
117.1	118.0	0.9		diorite - potassium feldspar altered, porphyritic, contatcts @ 45-50 CA with Gar skarn.					
123.0	127.0	4.0	111313	Gar skarn, local vuggy, with fracture filling and irregular patches of Bor-Mo-Cc, minor Qz.	465	1.44	21.6	192	86
127.0	132.0	5.0	111314	Skarnified siltstone, top 1 foot well fractured with 1-2% disseminated Cpy Py, the rest is less mineralized with only hairline fractures and local filled with trace Cpy.	155	0.743	7.2	441	50
137.0	139.0	2.0	111315	Wal-Diop-Gar skarn, coarse grained with Cc (Bor) veinlets, stringers and disseminated patches, 1-2%.	10	0.255	4.4	10	6
153.2	153.5	0.3		pink feldspar finger dike with trace dis Cpy.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
154.7	155.4	0.7		Pink potassium feldspar dike with trace disseminated Mo and Cpy. Contacts @ about 85 CA.					
156.4	159.6	3.2	111316	altered siltstone /graywacke, local Ep alteration associated with 0.5% disseminated Cpy Py. 158.9-159.6 is a quartz-feldspar porphyry dike with minor chloritized mafic minerals, trace disseminated Mo-Cpy-Py, contacts @ 40 CA sharp.	<5	0.167	1.0	62	<2
159.6	162.8	3.2	111317	dark gray fine to medium grained, weak to moderately foliated, strongly biotitic, soft, with about 5% pervasively disseminated Cpy Py, and Cpy veinlets, lower 15 cm rich in Bor near contact with Gar skarn next. Maybe carbonaceous? 80% core recovery, minor ground core.	355	2.87	5.2	18	14
162.8	**185.5**	**22.7**		**GARNET DIOPSIDE SKARN**, local Gar-Wal-Trem skarn, euhedral Gar, coarse grained, some are zoned with darker or lighter cores. local rich disseminated Mo flakes blebs sometimes associated with Bor.					
162.8	165.5	2.7	111318	Gar-Diop skarn, 1-2% disseminated Bor. In lower 1 foot about 0.5% dis Mo.	165	0.457	4.0	308	12
165.5	170.0	4.5	111319	Gar-Diop-Wal skarn, lower half of sample with about 1% disseminated Bor Mo.	90	0.113	1.8	420	18
170.0	173.8	3.8	111320	Gar-Diop-Wal skarn, about over 1% disseminated Mo.	<5	0.005	0.6	760	8
181.3	182.8	1.5	111321	Diop skarn-siltstone lens, 1-2% disseminated very fine grained Py, trace Cpy.	35	0.095	1.2	109	8
182.8	185.5	2.7	111322	Gar skarn, with trace disseminated Bor Mo.	25	0.036	1.0	35	6
185.5	**189.5**	**4.0**	111323	**SILTSTONE**, skarnified, greenish gray, fine grained, minor Diop skarn at lower end, 1-2% disseminated very fine grained Py Cpy. Contacts gradational from Diop skarn into next coarse grained Gar skarn.	15	0.106	0.8	100	6
189.5	**191.3**	**1.8**	111324	**GARNET DIOPSIDE SKARN**, coarse grained, with trace disseminated Cpy Py.	40	0.115	1.0	52	10
191.3	**193.5**	**2.2**		**GRAYWACKE**, greenish gray, fine to coarse grained, skarnified, with feldspar ghosty grains, trace to 0.5% disseminated and fracture filling Py Cpy Bor.					
193.5	**197.0**	**3.5**	111325	**SILTSTONE**, skarnified, dark purplish brown, fine grained, with 1% disseminated Py, trace Cpy along fractures.	10	0.061	0.4	28	<2
197.0	**204.5**	**7.5**		**GARNET DIOPSIDE SKARN**, brown to greenish brown, coarse grained, moderately vuggy, local with well disseminated Mo Bor mineralization up to 1 foot width.					
197.0	200.0	3.0	111326	see above.	<5	0.012	0.4	61	<2

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
200.0	204.5	4.5	111327	1-2% Mo Bor.	160	0.327	3.6	1255	44
204.5	**214.5**	**10.0**		**GRAYWACKE / SILTSTONE / GARNET SKARN**, grayish green, fine to coarse grained, strongly altered, with coarse grained ghosty feldspar, but contain some irregular shaped inclusions of purplish fine grained skarnified siltstone and garnet skarn lens (212.3 - 214) with disseminated and fracture filling Cpy Py Mo 1-2%.					
204.5	210.0	5.5	111328	see above.	40	0.298	1.4	73	10
210.0	214.5	4.5	111329	see above.	30	0.186	1.4	66	8
214.5	**221.0**	**6.5**	111330	**SILTSTONE**, purplish green, fine grained, weakly foliated @ 45 CA, 1-2% disseminated very fine grained Py, and Py Cpy along fractures, lower end one foot with minor Qz vein and 2% Cpy. 215.5 - 216.5 is feldspar porphyritic dike with 3% disseminated and fracture filling Cpy Py Mo.	40	0.422	1.6	219	6
221.0	**225.5**	**4.5**	111331	**GARNET (DIOPSIDE) SKARN**, brown to grayish green, medium to coarse grained, locally vuggy, from 224 to 225 including 20% Qz vein with 3% Bor, 1% Cpy and 0.5% Mo.	1415	0.984	9.4	451	106
225.5	**233.7**	**8.2**		**GRAYWACKE /DIOPSIDE SKARN**, grayish green, fine to coarse grained, with ghosty white feldspars, in grayish green chloritic and diopside matrix, 1% disseminated fine grained Py, local Cpy. Local minor Gar patches and some purplish gray siltstone patches.					
225.5	230.0	4.5	111332	see above.	80	0.278	1.6	69	12
230.0	233.7	3.7	111333	see above.	80	0.077	0.8	308	10
233.7	**234.9**	**1.2**	111334	**GARNET SKARN**, greenish brown, coarse grained, calcareous, >0.5% Mo, trace Bor, Cpy.	15	0.074	0.2	1435	10
234.9	**244.3**	**9.4**		**SKARNIFIED SILTSTONE**, greenish brown to purplish brown, fine grained, moderately fractured, local bleached feldsparthic arkose /graywacke lenses, 238.5 - 239.4 is a coarse grained Gar skarn lens with about 1% Mo, minor disseminated Cpy and Py.					
234.9	240.0	5.1	111335	see above.	95	0.233	1.8	501	12
240.0	244.3	4.3	111336	1-2% fracture-filling and minor disseminated Cpy Py, especially in lower half of sample. Local bedding (?) @ 45 degrees to core axis.	60	0.487	2.2	48	4
244.3	**250.6**	**6.3**		**GARNET DIOPSIDE SKARN**, white and brown, greenish brown, coarse grained, including 0.5 foot rich with fracture-filling and disseminated Bor, Cpy and Mo. Lower end trace Bor, calcareous.					
244.3	248.5	4.2	111337	see above.	110	0.304	2.6	720	14

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage From (ft)	Footage To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
250.6	**255.5**	**4.9**		**DIOPSIDE SKARN / SILTSTONE**, grayish green, fine grained, a fault zone, fractures at low core angle about 10 degrees, 2-5mm light green fault clay. Top one foot with 2-3% disseminated and fracture-filling Bor and Cpy.					
250.6	255.0	4.4	111338	see above.	225	0.332	2.8	222	34
255.5	**266.8**	**11.3**		**SKARNIFIED SILTSTONE**, purplish gray to greenish gray, fine grained, with trace to 1% disseminated very fine grained Py, local trace Cpy in halos of bleached portions or near fractures. Contacts gradational.					
266.8	**270.0**	**3.2**		**GARNET SKARN**, white and brown, coarse grained garnet tremolite skarn, trace Py.					
270.0	**276.8**	**6.8**		**SKARNIFIED SILTSTONE**, greenish gray to purplish gray, fine grained, with trace disseminated Bor and Cpy near upper end, and about 1% disseminated fine grained Py and trace Mo near lower end.					
276.8	**279.6**	**2.8**		**GARNET SKARN**, light brown, coarse grained, local calcareous, trace disseminated Mo blebs.					
279.6	**283.5**	**3.9**		**SKARNIFIED SILTSTONE**, greenish gray to purplish gray, fine grained, bedding (bands) @ 50 CA, trace disseminated very fine grained and fracture-filling fine grained Py Cpy, lower end trace Mo.					
283.5	**293.5**	**10.0**		**GARNET SKARN**, white and brown, coarse grained garnet tremolite skarn, trace Py, disseminated Mo blebs and Mo veinlets common, local with trace Bor, 291 - 292.5 is a strongly altered sandstone lens with <1% disseminated Py Cpy. Locally banded @ 40 CA.					
289.8	293.0	3.2	111339	see above.	35	0.120	1.2	1215	8
293.5	**295.5**	**2.0**		**SKARNIFIED SILTSTONE / GRAYWACKE**, light green, fine to medium grained, with Mo blebs along fractures. Contacts @ about 40 CA.					
295.5	**301.0**	**5.5**		**GARNET DIOPSIDE SKARN**, white and brown, greenish brown, medium to coarse grained, garnet tremolite diopside skarn, with trace disseminated Mo. Including two fine to medium grained sandstone lenses; lower end incl. a 3 inch Qz and pink feldspar dikelet @ 37 CA.					
301.0	**315.7**	**14.7**		**SKARNIFIED SILTSTONE**, greenish purple, fine grained, intruded by a couple of dikelets: a 5 inch granitic dike at 305.5 feet @ 45 CA; and a 4 inch granodioritic dike at 307.5 feet @ 35 CA.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage From (ft)	Footage To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
315.7	**333.4**	**17.7**		**GARNET DIOPSIDE WOLLASTONITE SKARN**, brown and white, coarse grained, trace sulphide. 331.3 - 332.6 is a light green fine grained skarnified siltstone /sandstone lens. Lower contact weathered, vuggy with calcite, at about 60 CA.					
333.4	**356.0**	**22.6**		**ENDOSKARN**, greenish gray, light green to light brown, medium to coarse grained, intrusive texture, possibly granodiorite, most feldspars being altered to brownish color in finer grained diopside tremolite matrix, all mafic minerals are replaced by chlorite and diopside and tremolite, with ghosty boundaries. a few small Mo and Bor-Mo-Cpy fracture filling veinlets at about 25 to 30 CA. The lower half is more altered with coarse grained wollastonite up to 1 cm long, moderately mineralized with up to 1% disseminated Bor and Cpy. There is a 1 ft dark purple gray siltstone inclusion lens at 350 feet.					
336.5	340.0	3.5	111340	0.5% fracture filling Bor and Mo.	10	0.087	2.2	75	10
340.0	344.0	4.0	111341	less mineralized, but alteration getting stronger downhole.	5	0.007	0.4	8	6
344.0	347.0	3.0	111342	1.5% disseminated Bor, Cpy and trace Mo blebs. Wol rich.	120	0.154	1.8	181	18
347.0	350.0	3.0	111343	0.5% disseminated Bor, Cpy and trace Mo. Wol rich.	340	0.284	2.0	75	32
350.0	353.5	3.5	111344	<0.5% disseminated Cpy Bor and trace Mo. Wol rich.	125	0.156	1.4	24	18
353.5	356.0	2.5	111345	<0.5% Bor as fracture filling and disseminated halos near fractures. Lower contact sharp @ 30 CA.	40	0.055	1.4	11	2
356.0	**370.3**	**14.3**		**SKARNIFIED SILTSTONE**, purple to purplish green, fine grained, banded (bedding?) @ 40 CA, weakly to moderately magnetic, with 1-2% disseminated and veinlet Py and Po, trace local Cpy. Lower end 3 ft is fine to medium grained sandstone. Interval includes 15-20% irregular intrusive fingers and patches, mostly feldspathic (FP) porphyritic, near lower end is a 4 inch coarse grained light gray graphic Qz-feldspar (QFP?) dike at about 20 to 25 CA.					
356.0	359.5	3.5	111346	about 1% disseminated fine grained Py. 25% intrusive.	5	0.033	1.0	61	6
359.5	362.0	2.5	111347	2-3% disseminated and veinlet Py Po and Cpy.	10	0.027	1.6	41	2
367.3	370.3	3.0	111348	1% disseminated Py trace Cpy. Siltstone and sandstone contact at 367.3 is about 45 CA.	<5	0.007	0.8	11	<2
370.3	**386.5**	**16.2**		**GARNET DIOPSIDE WOLLASTONITE SKARN**, brown, greenish brown and white, coarse grained, trace sulphide. intercalated with local fine grained diopside skarn-siltstone lenses. Local trace Mo blebs.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
386.5	**403.0**	**16.5**		**SKARNIFIED SILTSTONE**, purplish, fine grained, weakly magnetic, trace to 1% disseminated very fine grained Py Po. local minor coarse grained brown garnet skarn lenses. At 387 is a 5 inch coarse grained Qz-feldspar vein @ 50 CA, cockscomb structure along vein wall and graphic texture inside. At 397.5 is a 5 inch greenish gray fine to coarse grained dioritic porphyry dikelet @ 40 CA.					
400.8	403.0	2.2	111349	1% disseminated very fine grained Py in local moderately bleached portion.	5	0.023	1.4	17	2
403.0	**410.7**	**7.7**		**GARNET DIOPSIDE WOLLASTONITE SKARN**, light greenish brown and white, coarse grained, some Wol up to 2-3 cm long. At 407.2 ft is a 5 inch irregular shaped pink feldspar patch, weakly mineralized with disseminated Bor and Cpy. From 408.1 ft mineralization getting stronger downhole with disseminated Bor Cc patches.					
403.0	405.0	2.0	111350	trace disseminated Bor, Cpy.	10	0.091	1.6	27	6
405.0	408.1	3.1	113801	trace disseminated Bor, Cpy.	20	0.027	1.6	1	6
408.1	410.0	1.9	113802	2% disseminated Bor, Cc patches.	320	1.17	10.8	3	52
410.7	**418.4**	**7.7**		**WOLLASTONITE DIOPSIDE SKARN**, white and green, very coarse grained, only trace garnet, moderately to local well foliated @ 60-70 CA. Heavily mineralized with pervasive disseminated and massive patches and blobs of Bor and Cc. 10-15% Bor and Cc, minor Cpy and Mo.					
410.0	414.1	4.1	113803	see above.	1370	6.07	55.0	2	312
414.1	418.4	4.3	113804	see above.	1240	6.77	55.0	5	368
418.4	**422.9**	**4.5**	113805	**GARNET (DIOPSIDE) SKARN**, brown to greenish brown, coarse grained, massive garnet skarn in top half, garnet-diopside skarn in lower half, lower end 0.5 ft wollastonite diopside skarn. Minor calcite Qz irregular vein patches. 2-3% disseminated and veinlet Bor and Cc, minor Cpy and Mo.	240	0.992	9.0	1	54
422.9	**435.5**	**12.6**		**BRECCIATED ENDOSKARN**, light gray and purplish blue and green, coarse grained, heavily mineralized, brecciated endoskarn - possibly granodiorite as mosaic to rubble breccia cemented by massive 15% (local 25%) Bor and Cc and minor Cpy and Mo. Local include white wollastonite-calcite-(Qz) patches up to 6 inches. From 430.6 to 431.8 and 434.7 to 435.5 ft are two light brown garnet skarn lenses relatively less mineralized than brecciated endoskarn. At 432.3 ft is a 0.5 ft brecciated Qz patch cemented by Bor Cc Cpy and Mo. Mineralization also as dissemination in skarn.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
422.9	427.0	4.1	113806	20% Bor, Cc, 1% Mo.	1390	9.64	85.8	497	508
427.0	429.5	2.5	113807	20% Bor, Cc, 1% Mo.	1920	11.25	87.6	228	602
429.5	431.8	2.3	113808	15% Bor, Cc, 2% Cpy, trace Mo.	1575	8.63	61.2	8	406
431.8	435.5	3.7	113809	5% Bor, Cc, 1% Cpy, trace Mo.	1365	5.62	36.2	251	270
435.5	**441.7**	**6.2**		**DIOPSIDE TREMOLITE SKARN**, light green, fine to medium grained, looks like a feldspathic dike (? or graywacke). Lower contact irregular at about 60 CA. 1-2% disseminated and fracture filling Bor, Cc and minor Cpy.					
435.5	440.0	4.5	113810	see above.	80	0.295	2.0	12	20
440.0	442.7	2.7	113811	see above. Lower end 1 ft is marble garnet diopside skarn, vuggy with calcite crystals in vugs, with 1-2% disseminated Cpy Bor. (sample crossed geological boundary)	515	0.874	6.0	127	48
441.7	**447.8**	**6.1**		**MARBLE (limestone) GARNET SKARN**, brownish green and white, medium to coarse grained, top end is vuggy well mineralized with 2-3% disseminated Cpy Bor and Cc. 442.7 - 444.9 ft is vuggy, local broken, trace disseminated Bor. 444.9 - 447.8 ft is fairly pure marble, lower end vuggy with diopside, trace local black copper on fractures. lower contact with a 3 inch dioritic dikelet at about 60-70 CA.					
442.7	444.9	2.2	113812	see above.	5	0.024	0.6	3	6
444.9	447.8	2.9	113813	see above.	<5	0.007	2.2	5	<2
447.8	**453.7**	**5.9**		**DIOPSIDE SKARN**, greenish gray, fine to medium grained, possibly mudstone or siltstone. With three small 4-5 inch vuggy green marble skarn lenses, and two dioritic dikelets of 3 and 6 inches contacts at 60 CA mineralized with 1-2% fracture filling Cpy and Bor. Over all, trace to 1% disseminated Py Cpy and Bor.					
447.8	451.3	3.5	113814	see above.	<5	0.064	0.6	4	8
451.3	453.7	2.4	113815	see above.	15	0.189	1.2	15	2
453.7	**459.9**	**6.2**		**SKARNIFIED QUARTZITE**, light purplish brown, fine to medium grained, weakly foliated at 55 CA. With disseminated secondary biotite blebs. Trace disseminated fine grained Py. Lower contact sharp @ 15 CA.					
459.9	**467.0**	**7.1**		**GRANITE PORPHYRY**, light pink, medium grained, porphyritic with white feldspar phenocrysts 1-2mm in finer grained pink feldspar-Qz. Trace dark grayish green chloritized mafic minerals. Trace Cpy, Bor and Mo on rare fractures. Lower contact sharp @ 15 CA with garnet skarn next.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
467.0	**470.2**	**3.2**		**MARBLE GARNET DIOPSIDE SKARN**, brownish green, medium to coarse grained, vuggy and broken, moderate to strongly calcitic.					
470.2	**478.7**	**8.5**		**GRANODIORITE**, light pinkish green, medium to coarse grained, chloritized mafic minerals, local weak Ep altered, with 20-30% dark gray irregular fine grained siltstone inclusions. Lower contact @ 25 CA.					
478.7	**497.5**	**18.8**		**GRANITE**, light pink, medium to coarse grained, massive and homogeneous, 5-10% dark green chloritized hornblende and minor black biotite flakes. Trace Py. Only one frcture at 494 ft @ 15-20 CA with trace Cpy fillings.					
497.5	**531.0**	**33.5**		**SKARNIFIED SILTSTONE / QUARTZITE / DIKES**, greenish gray, fine to medium grained, top 3 ft minor fracture filling Cpy. Intruded by several small dikes, mostly dioritic, and one pink granitic dike. Local small marble lenses at 504 and 510 ft. 499.5-500.2 ft is a dioritic dike with trace fracture filling Cpy. 502.4-503.7 is another dioritic dike. at 516 ft is a 6 inchlight pink granitic dike with irregular contact. at 517.5 ft is a 4 inch greenish gray dioritic dike @ 75 CA. 527.3 - 530.2 is a gray coarse grained dioritic dike with contact @ about 80 CA.					
497.5	502.4	4.9	113816	1-2% disseminated fine grained Py, trace fracture filling Cpy.	15	0.135	1.0	42	6
531.0	**548.3**	**17.3**		**GARNET DIOPSIDE TREMOLITE (WOL) SKARN**, brown, green and white, coarse grained, local trace Cc, Bor and Mo. Lower contact @ 60 CA. 537.7 - 538.3 is a purple alkalic feldspar dike @ about 80 CA. 544.9 - 547.3 is a greenish pink mafic syenitic dike, medium to coarse grained, rich with pink potassium feldspars, Ep altered, 20-30% chloritized mafic minerals, trace to 0.5% disseminated Py, trace Cpy and Mo, lower contact @ 60 CA.					
544.9	547.3	2.4	113817	see above.	<5	0.018	0.6	43	6
548.3	**555.0**	**6.7**		**MARBLE (LIMESTONE)**, grayish white, medium grained, fairly pure marble, with minor dark gray to black ghosty impurity patches, local trace fine hair line fracture filling Cc (Bor) and disseminated Cpy. Lower end 3 inch heavily mineralized with Bor and Cc. Lower contact @ 65 CA.					
550.0	554.5	4.5	113818	see above, trace fracture filling Cc and Bor.	<5	0.037	3.0	4	<2
555.0	**557.8**	**2.8**		**GARNET DIOPSIDE SKARN**, greenish brown, coarse grained, local Gar-Wol skarn, one foot in the middle strongly mineralized with 20% Bor and Cc.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
554.5	557.8	3.3	113819	see above.	910	7.22	74.2	3	420
557.8	**564.5**	**6.7**		**MARBLE / GARNET SKARN**, white and gray, medium grained, upper 3 feet moderately mineralized with disseminated patches of Bor and Cc, trace hair line fracture filling Cc (Bor) near top.					
557.8	560.0	2.2	113820	see above.	25	0.233	4.8	6	10
564.5	**565.8**	**1.3**		**GARNET DIOPSIDE WOLLASTONITE SKARN,** greenish brown, coarse grained, no mineralization. lower contact @ 25 CA.					
565.8	**570.4**	**4.6**	113821	**GRANITIC DIKE / ENDOSKARN,** pinkish green, medium to coarse grained, K-spar altered, moderate to strong Chl-Ep alteration, trace disseminated Py Cpy and Bor.	5	0.040	0.4	90	12
570.4	**576.0**	**5.6**		**GARNET DIOPSIDE WOLLASTONITE SKARN,** greenish brown, coarse grained, no mineralization. lower contact @ 55 CA.					
576.0	**582.3**	**6.3**		**GRANODIORITE,** greenish gray, medium to coarse grained, chloritized mafic minerals, Ep altered. Intruded by pinkish green mafic alkalic dikelets at 579.7 ft and 580.4 - 581 ft, weakly mineralized with disseminated fine grained Py, Cpy and Mo.					
579.5	582.3	2.8	113822	see above.	10	0.050	0.6	45	6
582.3	**615.0**	**32.7**		**GARNET DIOPSIDE SKARN, GARNET TREMOLITE WOLLASTONITE SKARN,** brownish green, coarse grained, local trace disseminated Bor and Mo.					
615.0	**621.1**	**6.1**		**SKARNIFIED SILTSTONE / DIORITIC DIKES,** purplish brown fine grained skarnified siltstone with trace to 1% disseminated fine grained Py, intruded by irregular patches and fingers of dioritic dikes accounting about 50% of interval.					
621.1	**626.3**	**5.2**		**GRANODIORITE,** greenish gray, medium to coarse grained, fairly fresh and unaltered, only top and lower ends are bleached and Ep altered. Trace disseminated Py. Lower contact @ about 75 - 80 CA.					
626.3	**629.0**	**2.7**		**GARNET SKARN,** light brown, medium to coarse grained, moderately calcareous, including two 2-inch granitic dikelets. No mineralization.					
629.0				**END OF HOLE.**					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Qz - quartz, Ep - epidote. CA = (degrees to) core axis.

2000 HAT Property Diamond Drill Log HT - 2			Hole #:	***HT-2***				
Date Started:	July 28, 2000		Date Finished:	August 01, 2000		Final Depth:		543 feet
Grid location:	12400N / 200W		Inclination:	-65		Azimuth:		270
Core Size:	NQ		Drill Rig:	Long Year 38		Logged By:		XD Jiang
Core Stored At:	14 MacDonald Road, Whitehorse, Y. T. Y1A 4L2 Tel: 867-633-4800							
Drilling Contractor:	KLUANE DRILLING LTD., 14 MacDonald Road, Whitehorse, Y.T. Y1A 4L2							
Location:	On HAT 28 claim, about 600 feet northwest of HAT 28 #1 post.							

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu ppm	Ag ppm	Mo ppm	Bi ppm
0.0	**9.0**	**9.0**		Casing in overburden.					
9.0	**21.7**	**12.7**		**SILTSTONE / GRAYWACKE,** pale green, mostly fine grained, with ghosty coarse grained feldspar grains, possibly feldspathic (arkosic) graywacke, weakly skarnified, local blobs of Gar - Trem -Diop. Trace disseminated fine grained Py. Includes a 0.7 ft light pinkish granitic dikelet @ 50 CA.					
21.7	**34.0**	**12.3**		**GRANODIORITE,** light pinkish gray, medium to coarse grained, 20-30% chloritized mafic minerals, minor disseminated dark brown coarse grained biotite, trace disseminated fine grained Py and Po. Lower contact @ 75-80 CA.					
30.0	34.0	4.0	113823	see above. trace disseminated Py Po.	<5	97	0.4	3	<2
34.0	**80.5**	**46.5**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** similar to that of 9-21.7 ft, but more skarnified, with patches of coarse grained Gar-Diop-Wol skarn, local fine grained siltstone. Local banded @ 50 CA. At 59.5 ft is a 0.5 ft white calcite vein @ 60 CA. Lower contact broken @ about 23 CA.					
80.5	**113.0**	**32.5**		**DIABASE DIKE,** gray, dark gray, fine to medium grained, porphyritic with 5-10% white feldspar phenocrysts mostly 2-3 mm, up to 5 mm, in the matrix of tipical diabasic texture. Lower contact sharp @ 37 CA with chilled margin.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Ep - epidote, Qz - quartz. CA = (degrees to) core axis

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu ppm	Ag ppm	Mo ppm	Bi ppm
113.0	**164.0**	**51.0**		**SKARNIFIED FELDSPATHIC GRAYWACKE**, similar to that of 34 - 80.5 ft, with patches of coarse grained Gar-Diop-Wol skarn, local fine grained siltstone. Ep altered, local trace disseminated Py, rare Cpy. Intruded by several dikes: 129.7 - 130.2 ft medium to coarse grained granodiorite dike @ 48 CA with 1% disseminated Py; 146.6 - 148 ft same as above, @ 60 CA with 2% disseminated Py and Po; and 150.8 - 151.7 ft, same as above dikes, @ 60 CA.					
146.6	148.0	1.4	113824	see above.	<5	139	0.6	10	2
164.0	**171.7**	**7.7**		**DIABASE DIKE,** same as 80.5 -113, but with much less feldspar phenocrysts. Lower contact sharp @ about 15 - 18 CA with chilled margin.					
171.7	**179.0**	**7.3**		**GRANODIORITE,** gray, local pinkish gray, medium to coarse grained, 30% chloritized hornblende needles. Siltstone and Gar-Diop skarn inclusions common. Minor K-spar alteration. Trace disseminated Py. Upper contact @ 17 CA, lower contact broken @ about 50 CA.					
179.0	**192.0**	**13.0**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** light green, fine to medium grained, minor local Gar, trace disseminated Py. Lower contact @ about 25 CA.					
192.0	**194.9**	**2.9**		**GRANODIORITE,** upper part gray fine to medium grained with 30-40% hornblende fine needles and minor scattered coarse grained hornblende. Lower half is coarse grained dioritic, at very low core angle, about 10 CA.					
194.9	**198.5**	**3.6**		**DIOPSIDE SKARN / GRANODIORITE,** the low core angle intrusive is irregularly in and out along core in the diop-skarn, trace fine grained disseminated Py, trace Mo.					
198.5	**203.6**	**5.1**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** local small patches of Diop-Gar skarn and Wol-Gar skarn, minor Ep alteration.					
203.6	**207.5**	**3.9**		**SILTSTONE,** purplish gray, greenish gray, fine grained, weakly skarnified, 1-2% disseminated very fine grained Py.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Ep - epidote, Qz - quartz. CA = (degrees to) core axis

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu ppm	Ag ppm	Mo ppm	Bi ppm
207.5	215.2	7.7		**SKARNIFIED FELDSPATHIC GRAYWACKE,** pale greenish gray, fine to medium grained, with ghosty coarse grained feldspar graines and some dark green possibly mafic volcanic materials, propylitic, 10% irregular patches of Ep alteration, local weakly calcareous, minor local Gar skarn patches. Trace disseminated fine grained Py. Lower contact @ about 15 CA.					
215.2	219.0	3.8		**GRANODIORITE,** gray, fine to medium grained, local weakly foliated, chloritzed mafic minerals, minor coarse grained biotite blebs, trace disseminated Py. Irregular but low core angle contacts.					
219.0	234.0	15.0		**SKARNIFIED FELDSPATHIC GRAYWACKE,** pale greenish gray, fine to medium grained, with ghosty coarse grained feldspar graines and some dark green possibly mafic volcanic materials, propylitic, local small patches of Ep-Gar, trace disseminated fine grained Py. Lower contact @ 55 CA. At 224.2 is a 4 inch granitic dikelet @ 60 CA. 226.4 - 227 is a gray fine to medium grained, dioritic dikelet, irregular contacts with coarse grained feldspar halos.					
234.0	238.0	4.0	113825	**LIMESTONE / LIMY ARGILLITE,** light greenish gray, fine grained, moderate to strongly calcareous, calcite (Qz) fracture filling fine veinlets common, some with Bor-Cpy blobs. At 237.3 is a 3 inch white Qz (minor calcite-chlorite) vein @ 30 CA. Lower contact @ 40 CA.	<5	201	1.2	3	2
238.0	248.0	10.0		**GRAYWACKE,** light greenish gray, fine to coarse grained, with coarse grained feldspars scattered through, propylitic, and skarnified with local patches of Ep and Gar.					
248.0	249.0	1.0		**LIMESTONE,** light greenish gray, fine grained, similar to that of 234 - 238 ft. local with dark red hematite stained fractures. Contacts @ about 40 CA.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Ep - epidote, Qz - quartz. CA = (degrees to) core axis

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu ppm	Ag ppm	Mo ppm	Bi ppm
249.0	**261.8**	**12.8**		**ARKOSE, GRAYWACKE / LIMESTONE LENSES,** pale green, gray, fine to coarse grained, well fractured weakly calcareous arkose at top. Rest is moderate to strongly calcareous with local limestone lenses. Skarnified with local small Gar patches. Calcite fracture fillings common, one 2 cm calcite veinlet with 1-2% Cpy and Py.					
256.6	261.8	5.2	113826	see above.	120	255	10.8	6	2
261.8	**277.0**	**15.2**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** light green, fine to medium grained, scattered feldspar grains in green chloritic and diopside matrix, minor local sub-rounded calcite-Gar-Ep patches. At 274 is a one foot fine grained siltstone lens. Lower contact irregular @ about 15 CA.					
277.0	**288.1**	**11.1**		**DIORITE,** dark gray, medium to coarse grained, over 50% mafic minerals (mostly hornblende) and some mafic inclusions near top. Local K-spar altered. Trace disseminated Py, local trace Mo and Cpy along fractures.					
284.0	288.1	4.1	113827	see above.	<5	66	<0.2	10	4
288.1	**334.0**	**45.9**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** pale green, fine to medium grained, feldspar and quartz graines and some dark green mafic volcanic materials in very fine grained chloritic -diopside matrix. Local small patches of Gar-Diop-Trem skarn. Some small irregular very fine grained biotitic patches. From 306.7 to 308 and from 310.6 to 311.1 ft are two dioritic dikes, with 40-50% chloritized mafic's and 1-2% disseminated Po, Py and trace Cpy. their contacts are irregular @ about 50 CA.					
306.0	309.0	3.0	113828	50% dike as describbed above.	<5	106	0.2	3	<2
334.0	**341.2**	**7.2**		**GARNET DIOPSIDE SKARN,** green, brownish green and white, fine to coarse grained, some Gar-Trem-Wol skarn patches and bands @ 50-60 CA. Minor Gar-Ep. Local vuggy. Also minor clear Qz and pink K-spar vein patches. Lower contact irregular with more disseminated blebs of *secondary biotite, and about 1% fine grained* Py, trace Cpy.					

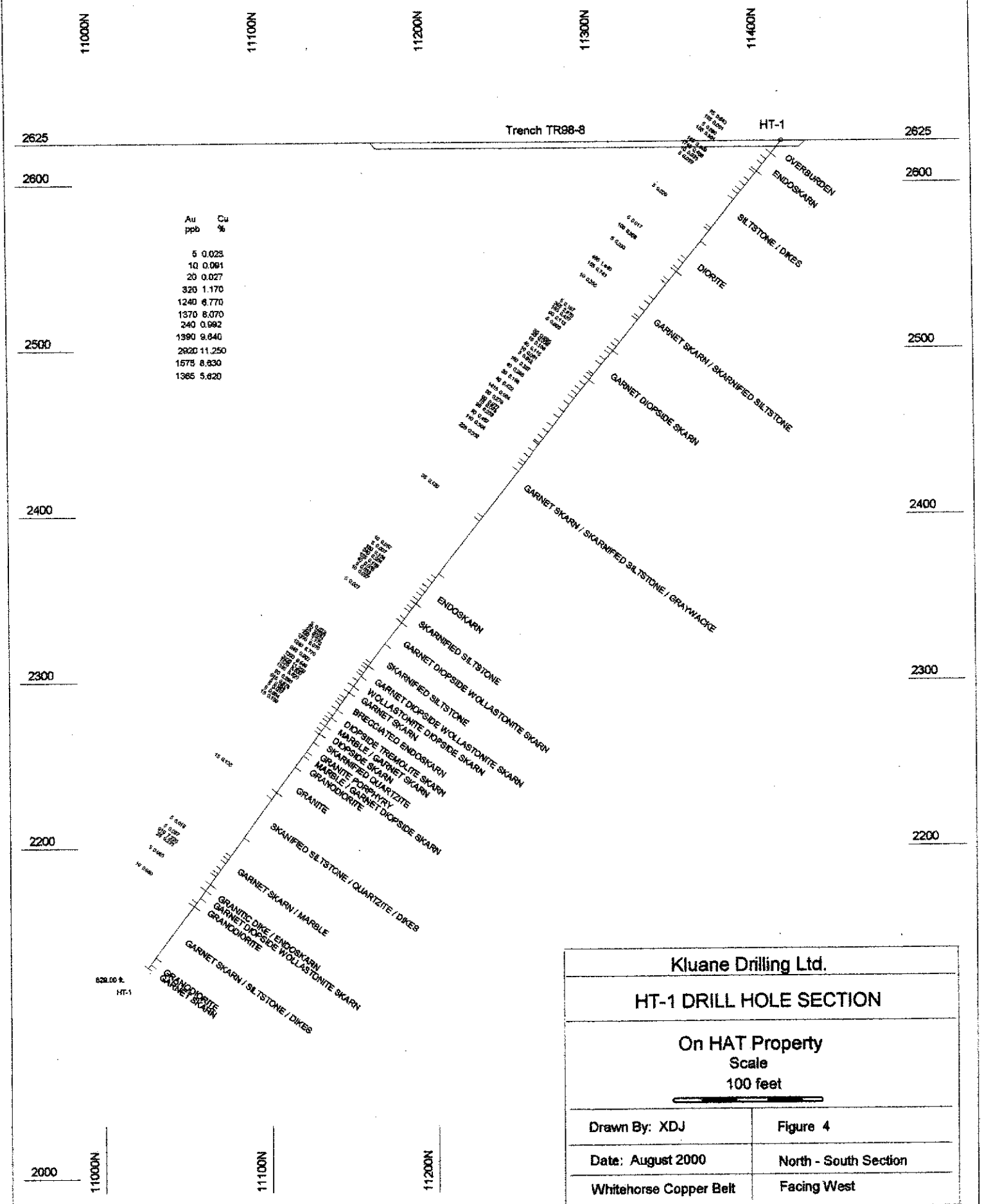
Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Ep - epidote, Qz - quartz. CA = (degrees to) core axis

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu ppm	Ag ppm	Mo ppm	Bi ppm
341.2	**344.8**	**3.6**		**DIORITE DIKE**, 50% chloritized mafic minerals, minor secondary biotite, local K-spar alteration, 1% disseminated Py, Po and trace Cpy. Lower contact @ 48 CA.					
340.6	344.8	4.2	113829	see above.	<5	226	0.6	8	4
344.8	**346.0**	**1.2**		**GARNET SKARN,** brownish green, fine to coarse grained, banded @ 50 CA, Gar-Ep-Diop bands.					
346.0	**346.5**	**0.5**		**DIORITE DIKELET,** contact @ 50-60 CA.					
346.5	**356.8**	**10.3**		**ARKOSE / GARNET DIOPSIDE SKARN**, green to brownish green, fine to coarse grained, with more Gar patches downhole.					
356.8	**360.0**	**3.2**		**GARNET SKARN,** brown, coarse grained, massive Gar, minor Diop and Trem, trace sulphide.					
360.0	**361.5**	**1.5**		***FRACTURE ZONE, ARGILLTE / ARKOSE,*** *mosaic to* rubble breccia of argillite to arkose cemented by calcitic vein materials.					
361.5	**382.2**	**20.7**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** light green, pale green, fine to medium grained, Ep and Gar patches common, local dark brown biotitic patches. At 372.5 is a 0.5 ft altered diorite dikelet with 1% disseminated Py Po and trace Cpy. Lower portion with more intrusive fingers of granodiorite.					
378.2	382.2	4.0	113830	trace disseminated Py Po.	<5	125	0.2	2	2
382.2	**439.4**	**57.2**		**GRANODIORITE,** light pinkish gray, medium to coarse grained, 15 - 20% (local up to 30%) chloritized mafic minerals, minor biotite. Weak Ep alteration. Fairly fresh and solid. Trace to local 1% disseminated Py and Po. Upper contact @ 40 CA, lower contact irregular fingering into seds.					
382.2	386.2	4.0	113831	1% disseminated Py Po.	<5	130	0.6	7	2
393.0	397.0	4.0	113832	60% altered and bleached, weakly calcareous microfractures, 1% disseminated Py.	<5	72	0.6	4	4
435.0	439.4	4.4	113833	weakly altered, 1-2% disseminated Py Po.	<5	60	0.2	4	4

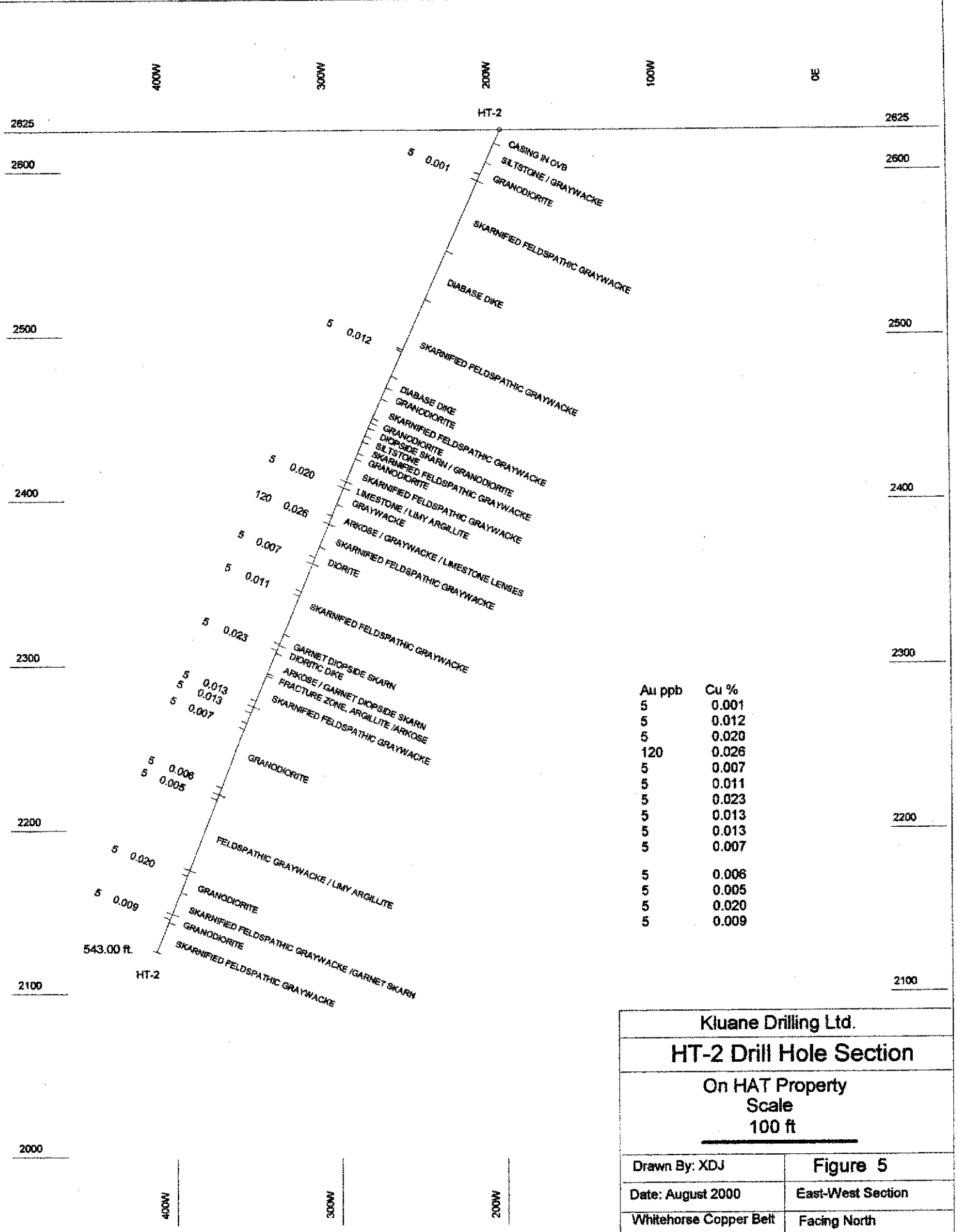
Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Ep - epidote, Qz - quartz. CA = (degrees to) core axis

Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu ppm	Ag ppm	Mo ppm	Bi ppm
439.4	**489.0**	**49.6**		**FELDSPATHIC GRAYWACKE / LIMY ARGILLTE,** pale green, fine to coarse grained graywacke with ghosty to sub-angular feldspar and minor local Qz grains, chlorite - diopside matrix, propylitic, with local patches of Ep and Ep-Gar, minor fine biotitic patches. some local calcareous fractures. Trace to 1% disseminated fine grained Py. Intercalated with limy argillite (limestone) lenses from a few inches up to a few feet, light green, very fine grained, banded @ 40 - 60 CA, moderate to strongly calcareous, local with minor Qz grains and blobs.					
439.4	442.9	3.5	113834	graywacke with 30% limy argillite and minor intrusive fingers, 1% disseminated Py.	<5	48	0.4	8	8
489.0	**503.5**	**14.5**		**GRANODIORITE,** light pinkish gray, coarse grained, 30% mafic's, weakly chloritized, trace disseminated Py and Po, *minor Magnetite, upper contact* @ 25-30 CA, lower contact core broken.					
489.0	492.7	3.7	113835	see above.	<5	200	0.2	10	<2
503.5	**517.7**	**14.2**		**SKARNIFIED FELDSPATHIC GRAYWACKE / GARNET SKARN,** pale green to brownish green, fine to medium grained, with patches of Gar-Ep and Gar-Trem skarn, local massive Gar skarn at 511 ft. altered granodiorite fingers common with disseminated Py halos. Top 0.4 ft is banded limy argillite.					
517.7	**523.0**	**5.3**		**GRANODIORITE,** similar to that of 489- 503.5. Upper contact @ 40 CA, lower contact @ about 20 CA irregular.					
517.7	521.2	3.5	113836	1% disseminated Py Po.	<5	93	0.2	10	<2
523.0	**543.0**	**20.0**		**SKARNIFIED FELDSPATHIC GRAYWACKE,** pale green to brownish gray, fine to medium grained, with Gar-Ep-(Trem) patches, local limy argillite lenses. Trace disseminated Py.					
543.0				END OF HOLE.					

Bor - bornite, Cc - chalcocite, Cpy - chalcopyrite, Mal - malachite, Py - pyrite, Po - pyrrhotite, Mo - molybdenite
Gar - garnet, Diop - diopside, Trem - tremolite, Wol - wollastonite, Ep - epidote, Qz - quartz. CA = (degrees to) core axis



Kluane Drilling Ltd.	
HT-1 DRILL HOLE SECTION	
On HAT Property Scale 100 feet	
Drawn By: XDJ	Figure 4
Date: August 2000	North - South Section
Whitehorse Copper Belt	Facing West



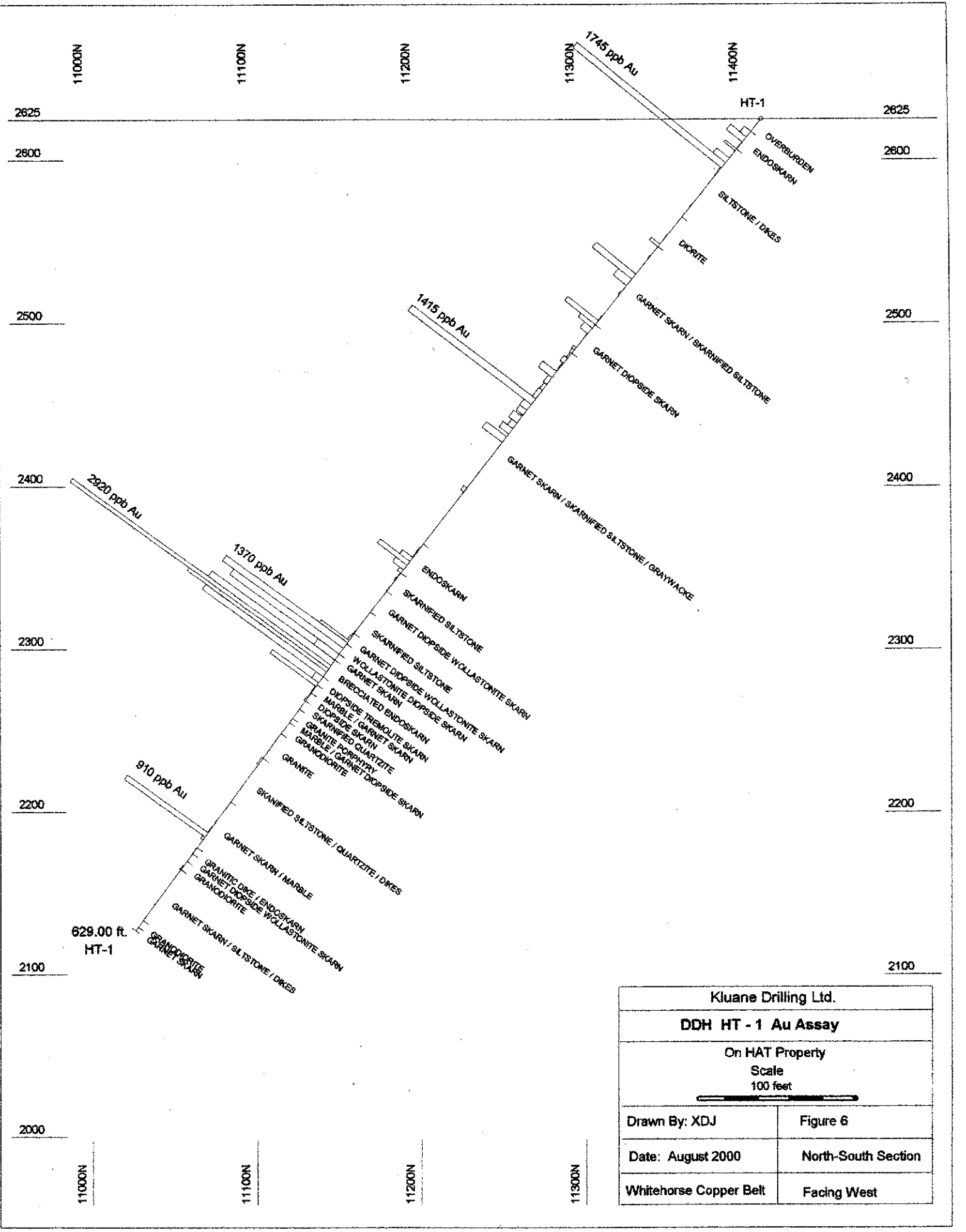
Au ppb	Cu %
5	0.001
5	0.012
5	0.020
120	0.026
5	0.007
5	0.011
5	0.023
5	0.013
5	0.013
5	0.007
5	0.006
5	0.005
5	0.020
5	0.009

Kluane Drilling Ltd.

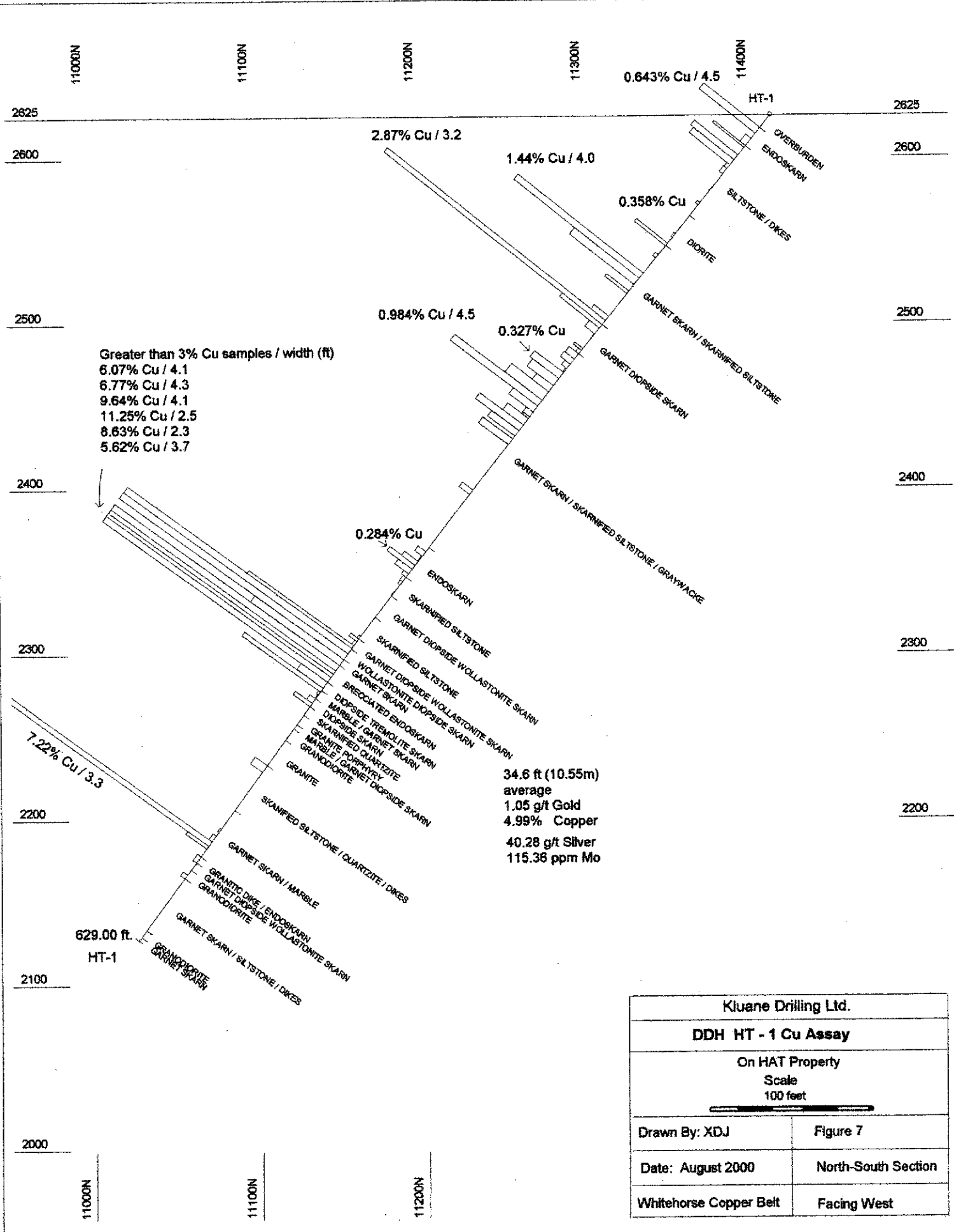
HT-2 Drill Hole Section

On HAT Property
Scale
100 ft

Drawn By: XDJ	Figure 5
Date: August 2000	East-West Section
Whitehorse Copper Belt	Facing North



Kluane Drilling Ltd.	
DDH HT - 1 Au Assay	
On HAT Property Scale 100 feet	
Drawn By: XDJ	Figure 6
Date: August 2000	North-South Section
Whitehorse Copper Belt	Facing West



Kluane Drilling Ltd.	
DDH HT - 1 Cu Assay	
On HAT Property Scale 100 feet	
Drawn By: XDJ	Figure 7
Date: August 2000	North-South Section
Whitehorse Copper Belt	Facing West

Conclusions and Recommendations

The drilling result for this year has shown no significant break through in looking for porphyry style mineralization. However, drill hole HT-1 intersected significant mineralized skarn including well brecciated and mineralized endoskarn. No major intrusive contacts were seen in either of the two drill holes. It seems that all of the intrusive rocks intersected are just dikes and fingers away from some major intrusive bodies. Possibilities for intrusive hosted mineralization still exist, especially to the east of hole HT-1 inside the garbage dump site, where a VLF-EM anomaly about 1000 feet long is trending north east. Further drilling in the garbage dump site is recommended. It is also recommended that the skarn zone near the west end of the IP survey lines be drill tested.

Statement of Costs

1. Field Work Personnel

Xiangdong Jiang, consulting geologist	
July 8 – August 3, 2000, 27 days @ $250/day	$6,750.00
Jim Coyne, July 8, 9, 27. 2000, 3 days @ $240/day	$720.00
G. Coyne, July 9, 10, 24, 25, 2000 4 days @ $200/day	$800.00

2. Line Cutting, Geophysical Survey and Assay

Line cutting, 5.73 km @ $400/km	$2,292.00
I. P. survey, Amerock Geosciences Ltd.	$9,278.50
Assay, ALS Chemex, 87 samples	$2,220.74
Sample shipping (BTS)	$129.68

3. Diamond Drilling and Other

Two drill holes, 1172 ft (357.23m) @ $22.00 / ft	$25,784.00
Mob, demob and site preparation	$2,600.00
Truck for geologist, 27 days @ $60/day	$1,620.00
Travel for geologist	$435.99
Field work supplies	$290.03

4. Report and Drafting

Copy and drafting	$576.23
Report writing	$1,000.00

Sub-Total:	$54,497.17
GST (7% of above)	$3,814.80
Total Assessment Value	**$58,311.97**

Statement Of Qualifications

I, Xiangdong Jiang, residing at #8 – 10238 155A Street, Surrey, B.C. V3R 0V8, hereby certify that:

1. I am an independent consulting geologist with office at the above address.

2. I studied for four years at Changchun Geological University and graduated in 1982 with a Bachelor of Science degree, major in Mineral Geology and Exploration.

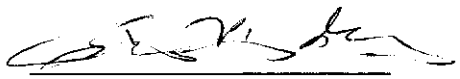
3. I have been practicing in my profession for over 17 years as contract geologist and as independent consultant with major and junior mining companies working in Canada and overseas.

4. I do not have any financial interest in the property described in this report or in any other properties held by the same owners, nor do I expect to receive any interest in the properties either directly or indirectly.

5. This report is based on field work performed by myself and data from other reliable sources.

6. I consent to the use of this report by Kluane Drilling Ltd., provided that no portion is used out of context.

Dated on this 31st day of August, 2000, in Surrey, British Columbia.



Xiangdong Jiang, B.Sc.
Consulting Geologist

Mailing address as above.
Tel: (604) 585-0880
Fax: (604) 585-0890
E-mail: xiangdongjiang@yahoo.com

References

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

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

Meinert, L.D., 1986. Gold in Skarns of the Whitehorse Copper Belt, Southern Yukon; in Yukon Geology, Vol. 1, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, p. 19-43.

Kindle, E.D., 1963. Copper and Iron Resources, Whitehorse Copper Belt, Yukon Territory; Geological Survey of Canada, Paper 63-41.

Yukon Archives in early July, 1999, Hudson Bay Exploration and Development Co. donated more than 40 boxes and map tubes of data to Yukon Archives.

Appendix 1

Analytical Data and Assay Certificates

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KLUANE DRILLING LTD.

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

A0025559

Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

CERTIFICATE A0025559

(RHA) - KLUANE DRILLING LTD.

Project: HAT
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-AUG-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	87	Geochem ring to approx 150 mesh
226	87	0-3 Kg crush and split
3202	87	Rock - save entire reject
229	87	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
494	87	Au g/t: Fuse 30 g sample	FA-AAS	0.005	10.00
2118	87	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	87	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	87	As ppm: 32 element, soil & rock	ICP-AES	2	10000
557	87	B ppm: 32 element, rock & soil	ICP-AES	10	10000
2121	87	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	87	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	87	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	87	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	87	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	87	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	87	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	87	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	87	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	87	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	87	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	87	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	87	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	87	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	87	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	87	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	87	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	87	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	87	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	87	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
551	87	S %: 32 element, rock & soil	ICP-AES	0.01	5.00
2141	87	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	87	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	87	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	87	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	87	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	87	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	87	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	87	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	87	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KLUANE DRILLING LTD.

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

Project : HAT
Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

Certificate Date: 17-AUG-2000
Invoice No. :I0025559
P.O. Number :
Account :RHA

** CORRECTED COPY

CERTIFICATE OF ANALYSIS A0025559

SAMPLE	PREP CODE		Au g/t FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
111301	205	226	0.075	2.6	0.83	< 2	< 10	40	0.5	10	0.85	< 0.5	15	53	6430	2.02	< 10	< 1	0.16	< 10	0.48
111302	205	226	0.185	< 0.2	0.04	< 2	< 10	< 10	< 0.5	2	0.04	< 0.5	< 1	3	5	0.15	< 10	1	0.03	< 10	0.03
111303	205	226	0.005	0.6	1.47	6	< 10	30	0.5	6	3.96	< 0.5	3	47	602	1.45	< 10	< 1	0.10	< 10	0.10
111304	205	226	0.135	1.8	0.98	< 2	< 10	180	1.0	30	0.73	< 0.5	11	60	3610	2.14	< 10	< 1	0.76	< 10	0.97
111305	205	226	0.145	2.4	0.70	< 2	< 10	110	0.5	24	1.04	< 0.5	8	50	4990	1.24	< 10	< 1	0.22	< 10	0.37
111306	205	226	1.745	4.6	0.88	< 2	< 10	100	1.0	38	1.11	< 0.5	7	50	4680	1.57	< 10	< 1	0.35	< 10	0.50
111307	205	226	0.010	0.2	0.74	< 2	< 10	30	0.5	8	1.46	< 0.5	4	32	332	0.55	< 10	< 1	0.08	< 10	0.13
111308	205	226	0.005	< 0.2	0.89	2	< 10	110	1.0	6	1.17	< 0.5	9	44	393	1.54	< 10	< 1	0.38	10	0.67
111309	205	226	< 0.005	< 0.2	1.60	< 2	< 10	300	1.5	2	2.07	< 0.5	19	114	290	4.36	< 10	< 1	0.68	10	1.50
111310	205	226	< 0.005	0.2	0.63	< 2	< 10	130	0.5	< 2	0.69	< 0.5	11	43	166	2.12	< 10	< 1	0.34	10	0.58
111311	205	226	0.100	2.6	0.35	< 2	< 10	70	0.5	20	0.90	< 0.5	4	33	3580	1.10	< 10	1	0.16	10	0.17
111312	205	226	< 0.005	0.2	1.07	2	< 10	60	0.5	8	3.61	< 0.5	1	32	325	1.40	< 10	1	0.10	< 10	0.04
111313	205	226	0.465	21.6	1.07	12	< 10	30	0.5	86	5.81	< 0.5	3	35	>10000	1.29	< 10	< 1	0.10	< 10	0.25
111314	205	226	0.155	7.2	1.22	136	< 10	60	0.5	50	1.71	1.5	10	49	7430	1.78	< 10	1	0.25	< 10	1.17
111315	205	226	0.010	4.4	0.80	8	< 10	< 10	< 0.5	6	9.19	< 0.5	< 1	35	2550	0.61	< 10	< 1	0.01	< 10	0.12
111316	205	226	< 0.005	1.0	1.04	6	< 10	40	0.5	< 2	1.55	< 0.5	11	37	1670	1.35	< 10	< 1	0.12	< 10	0.37
111317	205	226	0.355	5.2	2.58	< 2	< 10	60	2.5	14	0.89	< 0.5	29	149	>10000	5.08	10	< 1	1.99	< 10	2.73
111318	205	226	0.165	4.0	1.40	8	< 10	< 10	0.5	12	6.38	< 0.5	2	53	4570	1.40	< 10	< 1	0.04	< 10	0.08
111319	205	226	0.090	1.8	0.76	2	< 10	< 10	< 0.5	18	11.05	< 0.5	1	32	1125	0.63	< 10	< 1	0.06	< 10	0.17
111320	205	226	< 0.005	0.6	1.05	< 2	< 10	< 10	0.5	8	10.60	< 0.5	1	36	49	0.60	< 10	< 1	0.04	< 10	0.11
111321	205	226	0.035	1.2	2.16	2	< 10	60	0.5	8	3.18	< 0.5	5	44	946	1.13	< 10	< 1	0.29	< 10	0.65
111322	205	226	0.025	1.0	1.50	< 2	< 10	< 10	0.5	6	6.29	< 0.5	< 1	62	361	0.64	< 10	< 1	0.04	< 10	0.14
111323	205	226	0.015	0.8	1.72	2	< 10	150	1.0	6	1.60	< 0.5	12	41	1060	1.88	< 10	< 1	0.76	10	1.31
111324	205	226	0.040	1.0	1.21	2	< 10	50	0.5	10	3.13	< 0.5	4	38	1145	0.73	< 10	< 1	0.11	< 10	0.13
111325	205	226	0.010	0.4	1.25	6	< 10	160	1.0	< 2	0.63	< 0.5	11	48	605	2.15	< 10	< 1	0.97	< 10	1.36
111326	205	226	< 0.005	0.4	1.61	4	< 10	10	0.5	< 2	7.15	< 0.5	1	44	116	0.90	< 10	< 1	0.09	10	0.16
111327	205	226	0.160	3.6	1.45	88	< 10	< 10	0.5	44	7.37	< 0.5	< 1	39	3270	1.04	< 10	< 1	0.04	10	0.16
111328	205	226	0.040	1.4	1.27	10	< 10	70	1.0	10	1.56	< 0.5	11	36	2980	1.77	< 10	< 1	0.38	10	0.74
111329	205	226	0.030	1.4	1.72	2	< 10	30	0.5	8	3.71	< 0.5	7	38	1855	1.52	< 10	< 1	0.19	< 10	0.42
111330	205	226	0.040	1.6	1.61	4	< 10	130	1.0	6	1.37	< 0.5	12	50	4220	2.13	< 10	< 1	0.94	< 10	1.56
111331	205	226	1.415	9.4	2.38	2	< 10	50	0.5	106	7.12	< 0.5	3	34	9480	1.14	< 10	< 1	0.16	< 10	0.09
111332	205	226	0.080	1.6	1.25	< 2	< 10	80	1.0	12	1.52	< 0.5	8	34	2780	1.48	< 10	< 1	0.27	< 10	0.54
111333	205	226	0.080	0.8	1.20	2	< 10	60	0.5	10	2.21	< 0.5	8	26	771	1.05	< 10	< 1	0.11	< 10	0.17
111334	205	226	0.015	0.2	2.28	< 2	< 10	120	0.5	10	6.91	< 0.5	3	29	736	0.92	< 10	1	0.10	< 10	0.13
111335	205	226	0.095	1.8	1.73	2	< 10	110	1.0	12	2.05	< 0.5	14	33	2330	1.95	< 10	1	0.49	< 10	0.81
111336	205	226	0.060	2.2	1.74	8	< 10	50	1.5	4	1.31	< 0.5	16	72	4870	3.19	< 10	< 1	0.86	< 10	1.70
111337	205	226	0.110	2.6	1.85	< 2	< 10	30	0.5	14	5.35	< 0.5	4	27	3040	0.70	< 10	1	0.11	< 10	0.28
111338	205	226	0.225	2.8	1.77	2	< 10	60	0.5	34	4.46	< 0.5	5	43	3320	0.87	< 10	< 1	0.20	< 10	0.71
111339	205	226	0.035	1.2	1.78	4	< 10	10	1.0	8	5.42	< 0.5	6	31	1200	0.91	< 10	< 1	0.05	< 10	0.19
111340	205	226	0.010	2.2	2.53	< 2	< 10	10	0.5	10	11.10	< 0.5	< 1	11	868	0.09	< 10	< 1	0.06	10	0.01

CERTIFICATION: _____

** FOR SAMPLE DESCRIPTION ON SAMPLES 113801 - 113837

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KLUANE DRILLING LTD.

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

Project : HAT
Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

Certificate Date: 17-AUG-2000
Invoice No. :I0025559
P.O. Number :
Account :RHA

** CORRECTED COPY

CERTIFICATE OF ANALYSIS A0025559

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
111301	205	226	95	6	0.10	34	980	10	1.33	< 2	1	55	0.13	< 10	< 10	37	< 10	32
111302	205	226	15	< 1	< 0.01	1	30	< 2	0.01	2	< 1	2	< 0.01	< 10	< 10	< 1	< 10	< 2
111303	205	226	205	13	0.09	5	840	2	0.10	2	3	77	0.09	< 10	< 10	37	< 10	14
111304	205	226	155	16	0.09	29	1320	6	0.64	6	2	36	0.21	< 10	< 10	60	< 10	32
111305	205	226	95	8	0.11	22	1010	10	0.56	< 2	1	62	0.14	< 10	< 10	34	< 10	20
111306	205	226	115	12	0.12	18	1170	10	0.37	< 2	1	64	0.18	< 10	< 10	51	< 10	28
111307	205	226	65	10	0.13	6	1080	4	0.10	2	< 1	88	0.11	< 10	< 10	23	< 10	16
111308	205	226	130	10	0.11	23	1710	6	0.37	2	1	50	0.18	< 10	< 10	39	< 10	28
111309	205	226	440	71	0.09	32	2180	8	0.28	6	7	76	0.27	< 10	< 10	142	< 10	72
111310	205	226	145	8	0.12	21	1160	4	0.58	2	2	35	0.15	< 10	< 10	57	< 10	28
111311	205	226	75	931	0.10	9	1210	8	0.35	< 2	< 1	52	0.15	< 10	< 10	43	< 10	12
111312	205	226	190	158	0.08	4	760	6	0.08	6	3	415	0.09	< 10	< 10	37	< 10	32
111313	205	226	260	192	0.06	7	620	10	0.61	16	2	81	0.07	< 10	< 10	27	< 10	20
111314	205	226	170	441	0.05	15	860	14	1.08	624	4	58	0.10	< 10	< 10	46	< 10	118
111315	205	226	355	10	0.01	1	820	2	0.25	16	1	33	0.03	< 10	< 10	10	< 10	2
111316	205	226	65	62	0.10	20	710	6	1.08	10	< 1	105	0.09	< 10	< 10	22	< 10	14
111317	205	226	310	18	0.05	47	1540	24	2.19	< 2	6	36	0.43	< 10	< 10	249	< 10	86
111318	205	226	315	308	0.03	3	1030	6	0.27	< 2	2	41	0.06	< 10	< 10	22	< 10	2
111319	205	226	445	420	0.02	2	880	2	0.16	< 2	1	55	0.03	< 10	< 10	12	< 10	< 2
111320	205	226	410	760	0.02	2	640	4	0.16	2	1	66	0.03	< 10	< 10	10	70	< 2
111321	205	226	125	109	0.19	12	680	12	0.63	< 2	1	213	0.08	< 10	< 10	24	< 10	46
111322	205	226	270	35	0.04	2	650	2	0.10	4	1	57	0.04	< 10	< 10	13	< 10	6
111323	205	226	130	100	0.18	22	1600	12	0.76	6	1	127	0.17	< 10	< 10	41	< 10	40
111324	205	226	95	52	0.11	10	1060	6	0.45	< 2	< 1	192	0.08	< 10	< 10	13	< 10	14
111325	205	226	110	28	0.11	24	1110	6	0.78	2	3	57	0.22	< 10	< 10	57	< 10	32
111326	205	226	290	61	0.11	4	1030	6	0.12	< 2	1	157	0.07	< 10	< 10	19	< 10	10
111327	205	226	245	1255	0.05	2	1290	10	0.29	8	1	146	0.05	< 10	< 10	17	< 10	2
111328	205	226	85	73	0.16	15	1420	8	1.14	4	1	159	0.15	< 10	< 10	39	< 10	24
111329	205	226	150	66	0.11	14	1440	8	0.81	< 2	1	139	0.11	< 10	< 10	26	< 10	20
111330	205	226	110	219	0.09	22	1280	8	1.06	< 2	3	148	0.19	< 10	< 10	50	< 10	36
111331	205	226	320	451	0.07	6	1040	18	0.62	4	2	719	0.06	< 10	< 10	27	< 10	16
111332	205	226	80	69	0.15	15	1160	8	0.84	4	< 1	228	0.14	< 10	< 10	30	< 10	32
111333	205	226	70	308	0.16	12	1070	6	0.69	2	< 1	132	0.10	< 10	< 10	20	< 10	22
111334	205	226	315	1435	0.09	5	1010	10	0.31	6	1	1505	0.06	< 10	< 10	24	< 10	44
111335	205	226	125	501	0.21	20	1580	8	1.10	6	1	185	0.15	< 10	< 10	38	< 10	78
111336	205	226	130	48	0.09	24	1140	10	1.89	2	3	83	0.22	< 10	< 10	89	< 10	38
111337	205	226	140	720	0.13	6	930	8	0.42	< 2	1	151	0.07	< 10	< 10	17	< 10	28
111338	205	226	125	222	0.19	10	970	6	0.36	4	1	295	0.08	< 10	< 10	23	< 10	14
111339	205	226	185	1215	0.10	6	830	10	0.54	< 2	1	129	0.08	< 10	< 10	20	< 10	10
111340	205	226	390	75	0.10	1	550	12	0.09	< 2	< 1	260	0.05	< 10	< 10	3	< 10	8

CERTIFICATION: *

** FOR SAMPLE DESCRIPTION ON SAMPLES 113801 - 113837

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KLUANE DRILLING LTD.

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

Project : HAT
Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

Certificate Date: 17-AUG-2000
Invoice No. : I0025559
P.O. Number :
Account :RHA

** CORRECTED COPY

CERTIFICATE OF ANALYSIS A0025559

SAMPLE	PREP CODE		Au g/t FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
111341	205	226	0.005	0.4	1.56	< 2	< 10	20	0.5	6	6.57	< 0.5	< 1	19	72	0.08	< 10	< 1	0.06	10	0.01
111342	205	226	0.120	1.8	0.69	< 2	< 10	10	0.5	18	1.66	< 0.5	< 1	23	1540	0.11	< 10	< 1	0.08	10	0.02
111343	205	226	0.340	2.0	0.99	2	< 10	50	0.5	32	1.67	< 0.5	3	40	2840	0.61	< 10	< 1	0.25	10	0.33
111344	205	226	0.125	1.4	2.81	< 2	< 10	70	1.5	18	3.71	< 0.5	3	20	1555	0.60	< 10	< 1	0.33	10	0.44
111345	205	226	0.040	1.4	1.91	< 2	< 10	30	1.0	2	10.30	< 0.5	< 1	21	554	0.39	< 10	< 1	0.04	10	0.03
111346	205	226	0.005	1.0	1.12	2	< 10	70	0.5	6	1.78	< 0.5	8	41	334	1.79	< 10	< 1	0.35	< 10	0.73
111347	205	226	0.010	1.6	0.95	< 2	< 10	40	0.5	2	3.52	< 0.5	12	37	271	2.71	< 10	< 1	0.16	< 10	0.41
111348	205	226	< 0.005	0.8	0.65	< 2	< 10	30	0.5	< 2	1.03	< 0.5	6	24	65	1.53	< 10	< 1	0.13	< 10	0.31
111349	205	226	0.005	1.4	0.82	2	< 10	40	0.5	2	1.39	< 0.5	14	59	228	2.70	< 10	< 1	0.30	< 10	0.81
111350	205	226	0.010	1.6	1.05	6	< 10	< 10	< 0.5	6	7.64	< 0.5	2	39	912	1.17	< 10	< 1	0.04	< 10	0.06
113801	205	226	0.020	1.6	0.32	< 2	< 10	< 10	< 0.5	6	>15.00	< 0.5	< 1	13	268	0.66	< 10	< 1	0.01	10	0.03
113802	205	226	0.320	10.8	0.31	< 2	10	< 10	< 0.5	52	>15.00	< 0.5	< 1	5	>10000	0.76	< 10	< 1	< 0.01	< 10	0.03
113803	205	226	1.370	55.0	0.10	< 2	50	< 10	0.5	312	>15.00	< 0.5	< 1	< 1	>10000	1.23	< 10	< 1	< 0.01	< 10	0.04
113804	205	226	1.240	55.0	0.05	< 2	50	< 10	0.5	368	13.90	< 0.5	< 1	< 1	>10000	1.60	< 10	< 1	< 0.01	< 10	0.04
113805	205	226	0.240	9.0	0.85	2	< 10	< 10	< 0.5	54	11.70	< 0.5	1	19	9920	3.57	< 10	< 1	0.01	< 10	0.02
113806	205	226	1.390	85.8	0.58	< 2	50	10	1.0	508	7.33	< 0.5	< 1	7	>10000	2.16	< 10	< 1	0.03	< 10	0.06
113807	205	226	2.92	87.6	0.50	< 2	80	40	1.5	602	2.78	< 0.5	4	< 1	>10000	1.89	< 10	< 1	0.09	< 10	0.03
113808	205	226	1.575	61.2	0.71	< 2	50	10	1.0	406	6.86	< 0.5	< 1	10	>10000	2.84	< 10	< 1	0.04	< 10	0.05
113809	205	226	1.365	36.2	0.65	< 2	30	20	0.5	270	5.04	< 0.5	1	19	>10000	1.32	< 10	< 1	0.05	< 10	0.09
113810	205	226	0.080	2.0	1.20	< 2	< 10	30	< 0.5	20	2.19	< 0.5	1	23	2950	0.35	< 10	2	0.08	< 10	0.20
113811	205	226	0.515	6.0	1.21	4	< 10	50	< 0.5	48	5.13	< 0.5	2	19	8740	1.17	< 10	< 1	0.09	< 10	0.17
113812	205	226	0.005	0.6	2.10	< 2	< 10	80	0.5	6	7.74	< 0.5	< 1	17	237	0.17	< 10	< 1	0.10	< 10	0.20
113813	205	226	< 0.005	2.2	0.43	< 2	< 10	60	< 0.5	< 2	>15.00	< 0.5	< 1	6	68	0.36	< 10	< 1	0.02	10	0.75
113814	205	226	< 0.005	0.6	3.32	< 2	< 10	190	0.5	8	3.43	< 0.5	5	14	636	0.61	< 10	< 1	0.34	< 10	0.15
113815	205	226	0.015	1.2	1.38	< 2	< 10	90	0.5	2	1.61	< 0.5	9	42	1890	1.55	< 10	< 1	0.23	< 10	0.74
113816	205	226	0.015	1.0	0.88	< 2	< 10	80	0.5	6	1.16	< 0.5	11	54	1345	1.94	< 10	< 1	0.15	< 10	0.54
113817	205	226	< 0.005	0.6	0.39	< 2	< 10	170	< 0.5	6	1.73	< 0.5	3	37	184	0.37	< 10	< 1	0.09	< 10	0.03
113818	205	226	< 0.005	3.0	0.07	< 2	< 10	< 10	< 0.5	< 2	>15.00	< 0.5	< 1	< 1	370	0.19	< 10	< 1	< 0.01	10	0.01
113819	205	226	0.910	74.2	0.34	< 2	70	< 10	0.5	420	12.85	< 0.5	< 1	15	>10000	0.99	< 10	< 1	< 0.01	< 10	0.03
113820	205	226	0.025	4.8	0.20	< 2	< 10	90	< 0.5	10	>15.00	< 0.5	< 1	< 1	2330	0.13	< 10	< 1	< 0.01	10	0.01
113821	205	226	0.005	0.4	0.79	< 2	< 10	50	< 0.5	12	3.76	< 0.5	1	25	399	0.23	< 10	< 1	0.06	< 10	0.09
113822	205	226	0.010	0.6	0.48	< 2	< 10	40	< 0.5	6	3.10	< 0.5	3	17	503	0.42	< 10	< 1	0.07	< 10	0.13
113823	205	226	< 0.005	0.4	0.33	< 2	< 10	40	< 0.5	< 2	0.67	< 0.5	5	45	97	1.02	< 10	< 1	0.06	< 10	0.11
113824	205	226	< 0.005	0.6	0.20	< 2	< 10	40	< 0.5	2	0.55	< 0.5	8	28	139	1.30	< 10	< 1	0.05	< 10	0.07
113825	205	226	< 0.005	1.2	1.12	2	< 10	80	0.5	2	6.60	< 0.5	8	28	201	1.84	< 10	< 1	0.14	< 10	0.90
113826	205	226	0.120	10.8	1.41	8	< 10	50	0.5	2	6.05	2.0	11	66	255	2.24	< 10	< 1	0.11	< 10	1.33
113827	205	226	< 0.005	< 0.2	0.57	< 2	< 10	20	0.5	4	0.90	< 0.5	8	47	66	0.74	< 10	< 1	0.05	< 10	0.36
113828	205	226	< 0.005	0.2	0.32	< 2	< 10	30	< 0.5	< 2	0.65	< 0.5	9	44	106	1.13	< 10	1	0.05	< 10	0.13
113829	205	226	< 0.005	0.6	0.52	< 2	< 10	40	< 0.5	4	0.79	< 0.5	11	34	226	1.15	< 10	< 1	0.06	< 10	0.17
113830	205	226	< 0.005	0.2	0.40	< 2	< 10	30	< 0.5	2	0.85	< 0.5	9	45	125	0.95	< 10	< 1	0.05	< 10	0.12

CERTIFICATION: _____

** FOR SAMPLE DESCRIPTION ON SAMPLES 113801 - 113837

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CERTIFICATE OF ANALYSIS A0025559

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
111341	205	226	230	8	0.07	1	520	6	0.01	2	< 1	169	0.06	< 10	< 10	4	< 10	8
111342	205	226	25	181	0.18	1	1040	6	0.11	4	< 1	119	0.07	< 10	< 10	4	< 10	4
111343	205	226	60	75	0.19	4	930	6	0.38	< 2	< 1	179	0.09	< 10	< 10	14	< 10	10
111344	205	226	95	24	0.21	5	860	8	0.39	2	1	2540	0.09	< 10	< 10	16	< 10	12
111345	205	226	350	11	0.08	2	570	2	0.34	2	1	1385	0.06	< 10	< 10	12	< 10	2
111346	205	226	85	61	0.11	17	900	8	1.11	4	1	247	0.09	< 10	< 10	25	< 10	14
111347	205	226	95	41	0.05	30	930	8	2.03	2	< 1	108	0.07	< 10	< 10	21	< 10	12
111348	205	226	30	11	0.06	8	520	6	0.99	< 2	< 1	103	0.06	< 10	< 10	13	< 10	12
111349	205	226	85	17	0.07	36	950	14	1.94	< 2	1	61	0.10	< 10	< 10	30	< 10	22
111350	205	226	290	27	0.01	6	1160	4	0.25	10	1	49	0.05	< 10	< 10	19	< 10	4
113801	205	226	1095	1	0.01	2	570	< 2	0.02	< 2	< 1	37	0.02	< 10	< 10	7	< 10	< 2
113802	205	226	1095	3	< 0.01	2	500	6	0.31	< 2	< 1	27	0.01	< 10	< 10	7	< 10	< 2
113803	205	226	1065	2	< 0.01	4	310	32	1.27	< 2	1	29	< 0.01	< 10	< 10	1	< 10	20
113804	205	226	740	5	< 0.01	3	260	30	1.60	< 2	1	30	< 0.01	< 10	< 10	2	< 10	14
113805	205	226	550	1	< 0.01	1	340	10	0.43	2	< 1	40	0.02	< 10	< 10	22	< 10	< 2
113806	205	226	330	497	0.01	5	450	50	2.98	< 2	1	43	0.03	< 10	< 10	8	< 10	8
113807	205	226	85	228	0.03	5	550	54	2.73	4	1	62	0.04	< 10	< 10	4	< 10	22
113808	205	226	305	8	0.01	5	220	34	1.85	< 2	1	54	0.04	< 10	< 10	10	< 10	12
113809	205	226	225	251	0.02	5	460	32	1.82	< 2	1	125	0.03	< 10	< 10	7	< 10	14
113810	205	226	55	12	0.07	3	480	4	0.24	< 2	< 1	740	0.04	< 10	< 10	9	< 10	16
113811	205	226	145	127	0.05	4	400	8	0.61	2	< 1	1445	0.04	< 10	< 10	9	< 10	6
113812	205	226	70	3	0.03	3	390	2	0.04	2	< 1	745	0.02	< 10	< 10	4	< 10	6
113813	205	226	195	5	0.01	4	220	4	0.26	< 2	< 1	1025	0.01	< 10	< 10	3	< 10	4
113814	205	226	75	4	0.07	9	860	4	0.37	8	< 1	4980	0.04	< 10	< 10	9	< 10	12
113815	205	226	70	15	0.08	12	860	4	1.02	< 2	< 1	892	0.11	< 10	< 10	30	< 10	14
113816	205	226	95	42	0.08	19	780	8	1.12	6	< 1	89	0.11	< 10	< 10	42	< 10	18
113817	205	226	70	43	0.06	6	740	4	0.22	6	< 1	183	0.06	< 10	< 10	8	< 10	8
113818	205	226	55	4	0.01	6	440	4	0.18	4	< 1	1360	< 0.01	< 10	< 10	< 1	< 10	6
113819	205	226	330	3	0.01	4	150	50	1.24	< 2	1	75	0.01	< 10	< 10	4	< 10	58
113820	205	226	120	6	< 0.01	4	420	8	0.24	< 2	< 1	1255	< 0.01	< 10	< 10	< 1	< 10	2
113821	205	226	85	90	0.04	3	680	8	0.15	2	< 1	125	0.05	< 10	< 10	7	< 10	6
113822	205	226	65	45	0.04	7	680	6	0.21	2	< 1	123	0.06	< 10	< 10	10	< 10	8
113823	205	226	60	3	0.07	9	620	8	0.48	< 2	< 1	36	0.06	< 10	< 10	16	< 10	8
113824	205	226	30	10	0.06	15	670	8	0.86	4	< 1	30	0.06	< 10	< 10	8	< 10	2
113825	205	226	400	3	0.01	19	600	8	0.32	6	5	303	< 0.01	< 10	< 10	11	< 10	44
113826	205	226	415	6	0.02	27	650	110	0.50	8	6	268	0.03	< 10	< 10	45	< 10	148
113827	205	226	75	10	0.07	36	770	2	0.24	2	1	85	0.09	< 10	< 10	20	< 10	8
113828	205	226	45	3	0.07	21	730	4	0.51	6	< 1	38	0.07	< 10	< 10	22	< 10	8
113829	205	226	55	8	0.09	30	910	6	0.66	2	< 1	56	0.08	< 10	< 10	19	< 10	10
113830	205	226	40	2	0.07	22	720	8	0.62	< 2	< 1	90	0.06	< 10	< 10	18	< 10	8

CERTIFICATION: *

** FOR SAMPLE DESCRIPTION ON SAMPLES 113801 - 113837

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KLUANE DRILLING LTD. *

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

Project : HAT
Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

Certificate Date: 17-AUG-2000
Invoice No. : I0025559
P.O. Number :
Account : RHA

** CORRECTED COPY

CERTIFICATE OF ANALYSIS A0025559

SAMPLE	PREP CODE		Au g/t FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
113831	205	226	< 0.005	0.6	0.34	< 2	< 10	40	< 0.5	2	0.64	< 0.5	11	38	130	1.00	< 10	< 1	0.06	< 10	0.15
113832	205	226	< 0.005	0.6	0.62	< 2	< 10	120	< 0.5	4	2.52	< 0.5	10	38	72	1.83	< 10	< 1	0.16	10	0.73
113833	205	226	< 0.005	0.2	0.42	12	< 10	30	< 0.5	4	0.85	< 0.5	7	37	60	1.44	< 10	< 1	0.05	< 10	0.31
113834	205	226	< 0.005	0.4	0.57	2	< 10	30	< 0.5	8	3.76	< 0.5	6	39	48	1.08	< 10	< 1	0.09	< 10	0.50
113835	205	226	< 0.005	0.2	0.32	< 2	< 10	40	< 0.5	< 2	0.67	< 0.5	6	29	200	0.75	< 10	< 1	0.06	10	0.14
113836	205	226	< 0.005	0.2	0.23	< 2	< 10	30	< 0.5	< 2	0.51	< 0.5	7	35	93	0.87	< 10	< 1	0.06	10	0.09
113837	205	226	0.105	4.6	1.18	< 2	< 10	50	< 0.5	34	1.66	< 0.5	8	29	9010	1.61	< 10	< 1	0.08	10	0.52

CERTIFICATION: *

** FOR SAMPLE DESCRIPTION ON SAMPLES 113801 - 113837

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CERTIFICATE OF ANALYSIS A0025559

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
113831	205	226	45	7	0.07	18	740	4	0.72	< 2	< 1	92	0.07	< 10	< 10	14	< 10	4
113832	205	226	235	4	0.04	12	600	4	0.73	< 2	3	155	0.02	< 10	< 10	18	< 10	18
113833	205	226	120	4	0.06	12	690	4	0.30	4	1	34	0.06	< 10	< 10	35	< 10	10
113834	205	226	220	8	0.05	18	620	6	0.29	< 2	2	121	0.04	< 10	< 10	18	< 10	24
113835	205	226	45	10	0.06	11	800	2	0.33	< 2	< 1	132	0.06	< 10	< 10	17	< 10	6
113836	205	226	40	10	0.05	9	480	4	0.47	4	< 1	29	0.05	< 10	< 10	8	< 10	2
113837	205	226	80	84	0.05	18	1660	20	0.71	< 2	1	39	0.10	< 10	< 10	30	< 10	20

CERTIFICATION: _____

** FOR SAMPLE DESCRIPTION ON SAMPLES 113801 - 113837

ALS Chemex
Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: KLUANE DRILLING LTD.

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

A0026475

Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

CERTIFICATE A0026475

(RHA) - KLUANE DRILLING LTD.

Project: HAT
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-AUG-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
212	10	Overlimit pulp, to be found

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	10	Cu %: Conc. Nitric-HCl dig'n	AAS	0.01	100.0

ALS Chemex

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British Columbia, Canada V7J 2C1
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To: KLUANE DRILLING LTD. *

14 MACDONALD RD.
WHITEHORSE, YT
Y1A 4L2

Project : HAT
Comments: ATTN: JIM COYNE CC: TO "RHA" ADDRESS

Page Number :1
Total Pages :1
Certificate Date: 18-AUG-2000
Invoice No. :I0026475
P.O. Number :
Account :RHA

** CORRECTED COPY

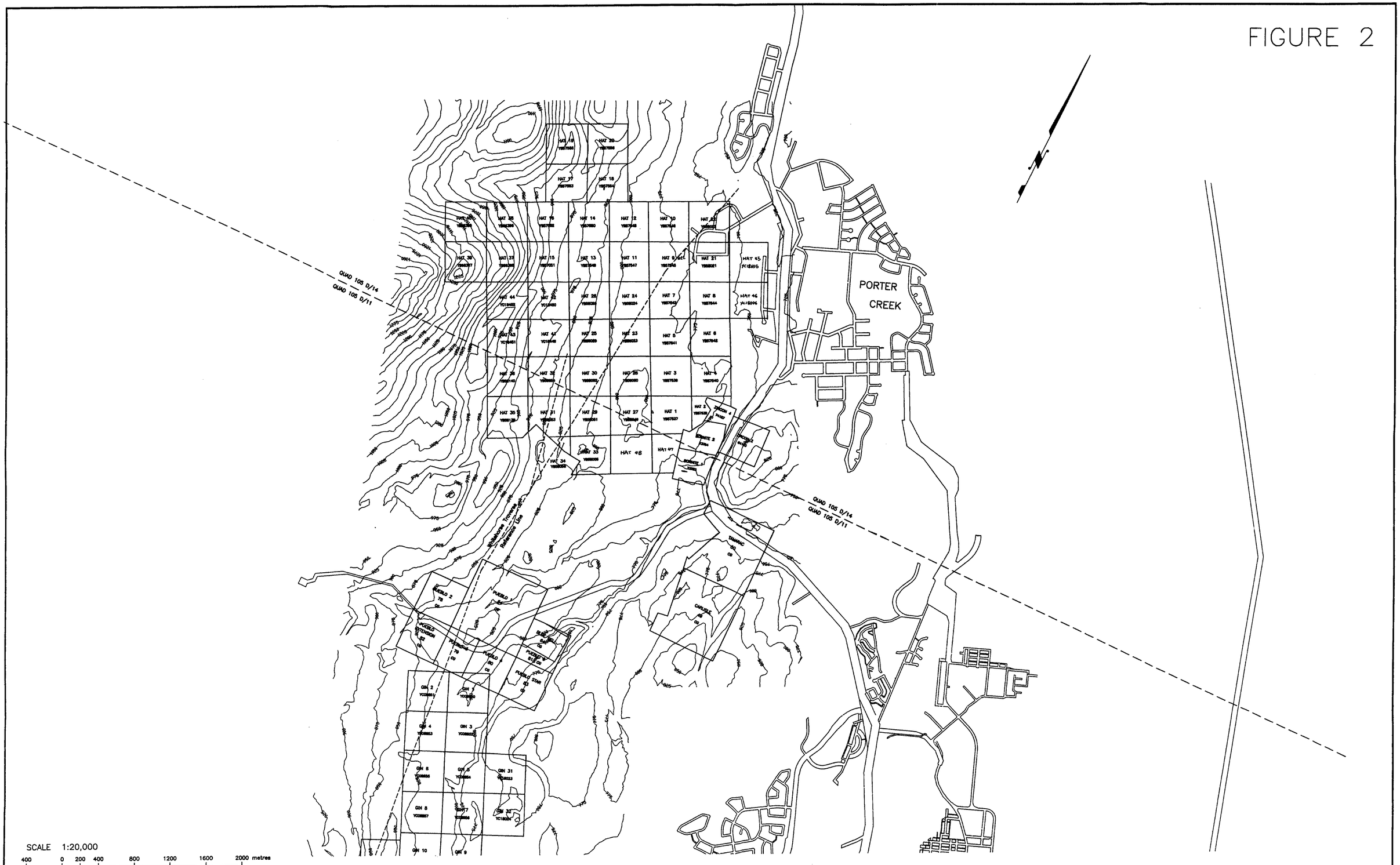
CERTIFICATE OF ANALYSIS A0026475

SAMPLE	PREP CODE	Cu %
111313	212 --	1.44
111317	212 --	2.87
113802	212 --	1.17
113803	212 --	6.07
113804	212 --	6.77
113806	212 --	9.64
113807	212 --	11.25
113808	212 --	8.63
113809	212 --	5.62
113819	212 --	7.22

CERTIFICATION: _____

** FOR SAMPLE DESCRIPTIONS ON SAMPLES PREFIXED 113. OVERLIMITS from A0025559

FIGURE 2



UNDERHILL GEOMATICS LTD.
CONSULTING ENGINEERS
VANCOUVER, BRITISH COLUMBIA WHITEHORSE, YUKON

DATE	ISSUED FOR
22/06/00	XDJ

No.	DATE	BY	REVISION	APP'D
1	22/06/00	PR	Added HAT CLAIMS 41 to 44 / Scale change to 1:20,000	

DESIGN BY
DRAWN BY PNR
APPROVED XDJ
JOB No. 99072
DATE 23/02/00
SCALE 1:20,000

CLIENT KLUANE DRILLING LTD.
PROJECT HAT CLAIM PROJECT

TITLE
HAT PROPERTY CLAIMS MAP

SHEET 1 OF 1
DRAWING NUMBER 256-24
REVISION 1

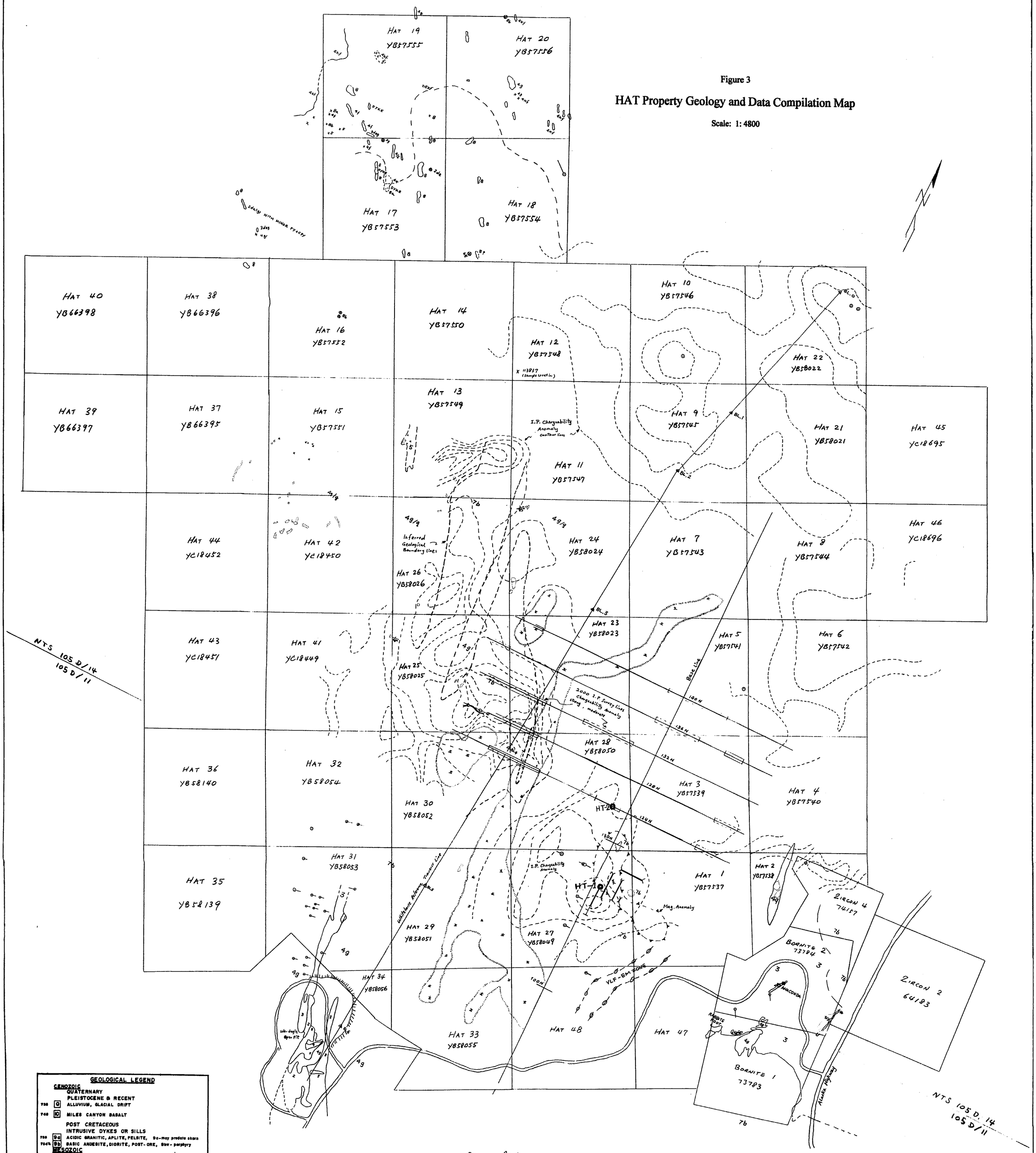
F.B. pg.

J:\99072\Dm image.dwg Mon Jun 26 08:07:17 2000 Underhill Geomatics Ltd.

Figure 3

HAT Property Geology and Data Compilation Map

Scale: 1: 4800



GEOLOGICAL LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE & RECENT

- 0 — ALLUVIUM, GLACIAL DRIFT
- 10 — MILES CANYON BASALT

POST CRETACEOUS
INTRUSIVE DYKES OR SILLS

- 9a — ACIDIC GRANITIC, APLITE, FELSITE, 9a-may predate skarn
- 9b — BASIC ANDESITE, DIORITE, POST-ORE, 9bm - porphyry

MESOZOIC

CRETACEOUS
COAST INTRUSIVES

- 8 — DIORITE 8a - ALTERED (ENDOSKARN); 8b - MINERALISED ENDOSKARN, MALACHITE, CHALCOPYRITE, BORNITE
- 7 — 7g-GRANITE, 7b-GRANODIORITE, 7m - QUARTZ-MONZONITE

LOWER JURASSIC & LATER

- 6 — LABERGE GROUP

UPPER TRIASSIC
LEWES RIVER GROUP (METAMORPHOSED)

- 5 — LIMESTONE AND/OR DOLOMITE, 5b-CARBONACEOUS LIMESTONE
- 4 — SEDIMENTS - NONCALCAREOUS: 4q - QUARTZITE; 4g - GREYWACKE; 4k - ARKOSE
- 3 — SKARN BARREN WITH.....: a - ACTINOLITE; b - BORNITE; c - CHLORITE; d - DIOPSIDE; e - EPIDOTE; f - FELDSPAR; g - GARNET; h - HEMATITE; m - MAGNETITE; s - SERPENTINE; t - TREMOLITE; w - WOLLASTONITE; z - ZOISITE
- 2 — MINERALISED SILICATE SKARN...
- 1 — MINERALISED MAGNETITE SKARN...

Kluane Drilling Ltd.			
HAT Property Geology and Data Compilation Map			
Scale:	1:4800	Figure:	3
Mining District:	Whitehorse	NTS:	105 D/11,14
Drawn By:	XDJ	Date:	August 2000

094124