

MAP NO. ASSESSMENT REPORT X DOCUMENT NO.: 091721
 PROSPECTUS MINING DISTRICT: DAWSON
 CONFIDENTIAL X TYPE OF WORK: GEOLOGICAL GEOCHEMICAL
115 0 10 OPEN FILE GEOPHYSICAL, TRENCHING

REPORT FILED UNDER: United Keno Hill Mines Limited

DATE PERFORMED: June 28 - July 4, 1987 DATE FILED: July 20, 1987

LOCATION: LAT.: 63°42'N AREA: Sulphur Creek

 LONG.: 138°40'W VALUE \$: 4,400.00

CLAIM NAME & NO.: RIJ 1-44 YA88064-107

WORK DONE BY: D.J. Quillette, D.R. Prince

WORK DONE FOR: United Keno Hill Mines Limited

DATE TO GOOD STANDING | REMARKS: #117 RIJ

_____ | _____

_____ | _____

_____ | _____

UNITED KENO HILL MINES LIMITED

Geological, Geochemical, Geophysical
and Trenching Report
on the
RIJ Mineral Claims
June to September, 1986

Dawson Area, Dawson Mining District
NTS 115 0/10

091721

Written by: Dennis J. Ouellette
Date: October 1986

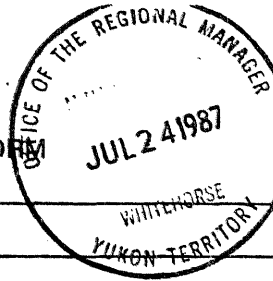
Supervised by: D.R. Prince

United Keno Hill Mines Limited
Exploration Department
Whitehorse, Yukon



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada



011101

TRANSMITTAL FORM

M.R. file no.
R.M.M.R. file no.
Date forwarded 21 July 1987

From ► Mining Recorder at: DAWSON

To ► Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims RIJ 1-44	Claim sheet no. 115 0 10
	Type of report Geological/Geochem/Geophysical &	Submitted by United Keno Hill Mines Ltd.
	Cis. work performed on RIJ 1-44	Trenching \$ req. for ren. application 4,400.00

[Handwritten Signature]
Signature

Date returned
26 Feb. 88

REPLY ACTION

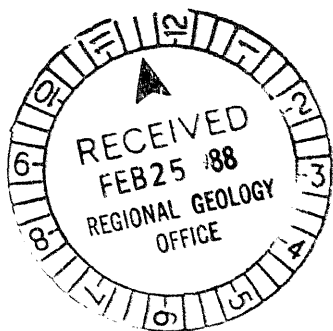
needs a statement of costs - grid location map
- Called D Prince & will send it up
Aug 5/87
- Reminded D Prince again, 22 Feb. 88
- Map received 25 Feb. 88

Approved for amount required 26 Feb. 88

[Handwritten Signature]
 Signature

UK

UNITED KENO HILL MINES LIMITED
Exploration Department
409 Black Street
Whitehorse, Yukon Y1A 2N2
Telephone (403) 667-7817



February 22, 1988

T. Bremner
Exploration and Geological Services
200 Range Road
Whitehorse, Yukon
Y1A 3U1

Dear Mr Bremner;

Here is the RIJ grid location map which you requested this morning. The map is identical to the previous RIJ geology map with the addition of the claim names at the post locations.

Sincerely;

Dennis J. Ouellette
Geologist

DO/nld

Enclosure

091721

UNITED KENO HILL MINES LIMITED

Geological, Geochemical, Geophysical and Trenching
Report
on the
RIJ Mineral Claims
June to September, 1986

Dawson Area, Dawson Mining District

NTS 115 0/10



Supervised by: Dennis R. Prince
Report written by: Dennis J. Ouellette
Alan Coutts
Date: October 1986

091721

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 \$ 4400.00.

J. J. Bremner

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

UNITED KENO HILL MINES LIMITED

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LIST OF FIGURES

-in the text

1. Property Location Map - 1:250,000
2. Rij Claim Location Map - not to scale
3. Rij Grid - Trench Sample Location Map - 1:1,000
4. Rij Grid - Trench Geology Map - 1:1,000
5. Rij Grid - Trench Gold Geochemistry - 1:1,000

-in pocket

1. Rij Grid - Gold Geochemistry - 1:10,000
2. Rij Grid - Silver Geochemistry - 1:10,000
3. Rij Grid - VLF Cutler - 1:10,000
4. Rij Grid - VLF Seattle - 1:10,000
5. Rij Grid - Geology Map - 1:10,000
6. Rij Grid - Sample Location Map - 1:10,000

UNITED KENO HILL MINES LIMITED

SUMMARY

In June 1986, a series of 44 claims were staked along a newly identified quartz vein cropping out on the ridge between Sulphur and Gold Run Creeks. These claims were staked on the basis of geophysical anomalies detected in the 1984 airborne geophysical survey and reports from 1901 which state that a gold-bearing quartz vein was discovered on this ridge crest.

The 1986 field program was set up with the intent to provide a preliminary look at the property. To these ends, a widely spaced soil sample grid was run over the property, a hand-held VLF survey was conducted, and the geology of the area was mapped. This work was performed between June 28th and July 4th. A strong VLF anomaly and somewhat encouraging soil anomalies resulted in a 260 meter trench being put in across the crest of the ridge. The trenching program ran from August 29th to the 15th of September.

PROPERTY

The RIJ Property consists of 44 contiguous claims staked in a 10 by four configuration along the ridge crest separating Lower Gold Run Creek from Sulphur Creek. The claims were staked by Coureur de Bois Contracting Ltd. of Whitehorse. The northern boundary adjoins the BITA claim group. The southern extent of the group is approximately bounded by the Hunker-Granville-Sulphur Loop Road.

RIJ 1 88064	RIJ 12 88078	RIJ 23 88086	RIJ 34 88097
RIJ 2 88065	RIJ 13 88079	RIJ 24 88087	RIJ 35 88098
RIJ 3 88066	RIJ 14 88080	RIJ 25 88088	RIJ 36 88099
RIJ 4 88067	RIJ 15 88081	RIJ 26 88089	RIJ 37 88100
RIJ 5 88068	RIJ 16 88082	RIJ 27 88090	RIJ 38 88101
RIJ 6 88069	RIJ 17 88083	RIJ 28 88091	RIJ 39 88102
RIJ 7 88070	RIJ 18 88084	RIJ 29 88092	RIJ 40 88103
RIJ 8 88071	RIJ 19 88085	RIJ 30 88093	RIJ 41 88104
RIJ 9 88072	RIJ 20 88086	RIJ 31 88094	RIJ 42 88105
RIJ 10 88073	RIJ 21 88087	RIJ 32 88095	RIJ 43 88106
RIJ 11 88074	RIJ 22 88088	RIJ 33 88096	RIJ 44 88107

The claims are easily accessed by means of the Sulphur-Dominion Creek road. Additional access to the claims is provided by a cat road put in for trenching purposes. A 4-wheel drive vehicle is necessary for travel on this road.

001021

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HISTORY

The Klondike is a world famous placer camp that was discovered in the late 1890's which has yielded some 10 million ounces of gold. The Klondike gold fields were primarily worked by individual placer miners in the early days and from 1930 to 1966 by the Yukon Consolidated Gold Corporation (YCGC), the only large corporation to work in the area. YCGC operated several electric and/or steam powered bucket line dredges on Sulphur, Hunker, Bonanza, Quartz, Dominion, and Eldorado Creeks. The last dredge ceased operation in the middle 1960's but activity picked up dramatically in the early 1970's with the increase in the price of gold. At that time a number of small hydraulic and bulldozer operations went into production and many of these are still working today. Teck Corporation is the largest company now operating in the Klondike.

In 1878, G.M. Dawson reported a mineral occurrence in the northern Canadian Cordillera and together with R.G. McConnell and William Ogilvie led the Yukon Expedition of 1887-88. McConnell and Ogilvie passed Deer Flats, which became the site of Dawson City in 1897. McConnell revisited the area in 1903 and completed the first bedrock geology map. In 1906, McConnell evaluated the gold bearing high level gravels and Cairnes in 1911 visited the area briefly to examine lode gold prospects. He noticed that the most promising properties were; the Lone Star group, near the head of Victoria Gulch, a tributary of Bonanza Creek; the Violet group, situated along the divide between Eldorado and Ophir Creeks; the Mitchell group, on the divide between the heads of Hunker and Gold Bottom Creeks; the Lloyd group and neighboring claims, situated along the divide between the heads of Green Gulch and Caribou Gulch, tributaries of Sulphur and Dominion Creeks; and several groups of claims on Bear Creek joined by nearby Lindow Creek. The Lone Star has been the only producer of lode gold in the Klondike. Milling grades indicated a hand sorted mine grade of 0.18 opt Au in 1912.

Most of the lode gold occurrences in the Klondike have not been explored thoroughly because of their erratic distribution and the heavy overburden cover. No activity of any significance has taken place recently.

PHYSIOGRAPHY

The Klondike region is characterized by drainage divides of about 3300 feet locally rising to 4500 feet. These are crooked ridges separated by dendritic valleys which are drained by master streams from 1000 to 1500 feet above sea level. A few summits locally called domes are rounded and attain elevations of 5000 feet.

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The Klondike is part of the Yukon Plateau, a thoroughly dissected upland. Many of the small creeks and streams run parallel to each other in a northwesterly direction. They parallel the Tintina Trench, a major structural feature in the Territory, suggesting that the streams themselves may be following related structural features. The valleys are flat and wide in the lower reaches but gradually narrow towards their heads into steep sided narrow gulches which end abruptly in broad cols.

The rolling upland surface of the Klondike owes its existence to a general uplift in mid-Tertiary time. The area was probably faulted, eroded, and warped in later Tertiary time. Tropical weathering conditions subjected the area to deep supergene alteration conditions followed by periglacial modification and permafrost development during Quaternary time.

GEOLOGICAL SUMMARY

The Klondike district is in the Yukon Crystalline Terrain which has developed as the result of Triassic regional metamorphism southwest of the Tintina Trench. This trench is the topographic expression of a Mesozoic right lateral fault of some 450 miles displacement. Shear zones parallel to the Tintina Fault occur in the Klondike area and major lineaments and faults with similar trends occur in and to the southwest. The faults consist of a series of thrust sheets separated by thrust faults. Mylonites and altered ultramafic rocks occur along these thrust surfaces.

The rocks in the Klondike may be divided into four categories: ultramafics, Nasina series, Klondike schists, and the Pelly gneiss. The ultramafics consist of peridotite serpentized to various degrees. The Nasina is a group of low grade metamorphic rocks of predominantly sedimentary origin. These are principally graphitic phyllite, black quartzite, black carbonate phyllite, marble and banded quartzite. The Klondike Schists vary from quartz-feldspar-muscovite schists to quartz-feldspar-biotite gneisses. Chlorite is an important constituent of some of the schists. This group is interpreted to be a highly metamorphosed volcanic pile. The Pelly Gneiss is a coarse grained massive to schistose quartzo-feldspathic rock which may be a metamorphosed intrusive body.

The bulk distribution of the metamorphic rocks proved too impractical in the field and a more detailed lithological breakdown was developed based on J.K. Mortensen's 1984 report for United Keno Hill Mines Ltd. In this scheme the metamorphic rocks are divided into nine mappable units and their respective sub-units. Most of the Company's claims are underlain by units 6,7, and 8 with several units only being locally present.

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TABLE I

LITHOLOGIC UNITS IN THE KLONDIKE DISTRICT

1. FELSIC INTRUSIVES
 - a) massive quartz-diorite
 - b) blocky grey-brown weathering gneiss
 - c) slabby quartz-muscovite schist +/- quartz eyes +/- chlorite
2. INTERMEDIATE INTRUSIVES
 - a) meta-diorite, weakly to moderately gneissic
3. MAFIC INTRUSIVES
 - a) coarse grained intrusive, locally altered to amphibolite and chlorite
4. ULTRAMAFICS
5. MORTENSEN'S FELSIC SCHIST
 - a) tan to rusty weathering quartz-muscovite schist
6. ANDESITE PORPHYRY
 - a) massive, weakly foliated porphyry with quartz and/or feldspar phenocrysts
 - b) sheared and recrystallized porphyry - "quartz eye schist"; quartz-muscovite schist +/- blue to white quartz eyes +/- minor chlorite
 - c) banded and blocky quartz and/or feldspar porphyry; green fine grained groundmass
 - d) banded and blocky pink and green gneiss; quartz-feldspar-muscovite-chlorite gneiss
7. MAFIC META-VOLCANICS
 - a) amphibolite; massive fine grained
 - b) quartz-chlorite gneiss +/- minor muscovite and abundant pyrite
 - c) no rock type
 - d) chlorite schist +/- minor muscovite +/- talc alteration +/- actinolite +/- disseminated pyrite +/- quartz sweats
 - e) muscovite schist +/- minor chlorite +/- quartz sweats
 - f) siliceous schist; fine grained, white to rusty muscovite-feldspar-quartz schist +/- pyrite
 - g) highly altered equivalent of 7b and 7d; incompetent, yellow-orange weathering saprolite
8. CARBONACEOUS META-SEDIMENTS
 - a) graphite-phyllite schist
 - b) massive to moderately gneissic quartzite; black to blue-grey sucrosic quartz +/- minor sericite +/- graphite
9. FELSIC META-VOLCANICS
 - a) quartz-feldspar porphyry rhyolite
 - b) rusty weathering rhyolite

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LOCAL GEOLOGY

The geology of the area was mapped by means of rock chips exposed during soil sampling and by rare occurrences of outcrop. The cat road and trench provided additional outcrop information.

The geology consists of a series of westward dipping quartz-eye schists, chlorite-sericite schists and quartzites juxtaposed by an intricate series of fault relationships.

A)QUARTZ-EYE SCHIST:

This competent unit is distinguished by the presence of white to pale blue quartz eyes, up to 0.25 centimeters in diameter, present in a sheared muscovite-chlorite-quartz matrix. This unit comprises most of the central and western portions of the claim group and appears to overthrust the chlorite-sericite schist and quartzites lying to the East. Two strike-slip faults have been postulated to crosscut the schist based on air photo lineations and offsets present in the thrust fault contact.

B)CHLORITE-SERICITE SCHIST:

This rock unit is composed of varying amounts of chlorite, muscovite, and quartz present in a distinctly green, well foliated schist. The unit is dominant in the northern and southwestern quadrants of the study area. This schist appears to be overthrust by the quartz-eye schist and in turn overthrust the quartzite unit.

C)QUARTZITE:

The quartzite unit ranges in composition from almost a pure quartzite to a very quartz rich graphite-sericite-quartz schist. Typically, the quartzite is composed of massive grey-blue quartz but preferential breakage along plains of graphite and sericite may give the rock a schistose appearance. Previous mapping in the area indicates that the quartzite is overthrust by the chlorite-sericite schist and these fault relationships have been preserved.

VLF SURVEY

VLF was run over the soil sample grid using a Phoenix VLF-II unit. VLF readings were taken at all soil sample locations with the exception of those on the base lines.

The survey gave similar results to the Airborne Dighem III Survey conducted in the fall of 1984. That is, after Fraser Filtering, a strongly anomalous NW-SE trending zone was delineated across the length of the property. A smaller series of anomalous values were discovered to the southwest of the major zone.

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SOIL SAMPLING

A grid system was set up over the 44 claim group and subsequently soil sampled. A base line (BLO) was run for 11 claim lengths from claimpost RIJ 1-2 (YA88064-YA88065) at a bearing of 320 degrees and sampled at 100 meter intervals. A second base line was put in two claim lengths west and parallel to BLO and similarly sampled at 100 meter intervals.

The 303 soil samples which were collected were sent to Chemex Labs Ltd. for semi-quantitative multi element (31) ICP analysis. There is a good correlation between anomalies for Zn, Mn, Cu, and Ag in the area following BLO from claim post 1 to claim post 6. Several pinpoint Au anomalies are present but they do not appear to coincide with those of the elements previously mentioned. There are ten Au soil anomalies which returned values greater than 25ppb, the highest of these being 305ppb. Background Au values in the area are less than 5ppb.

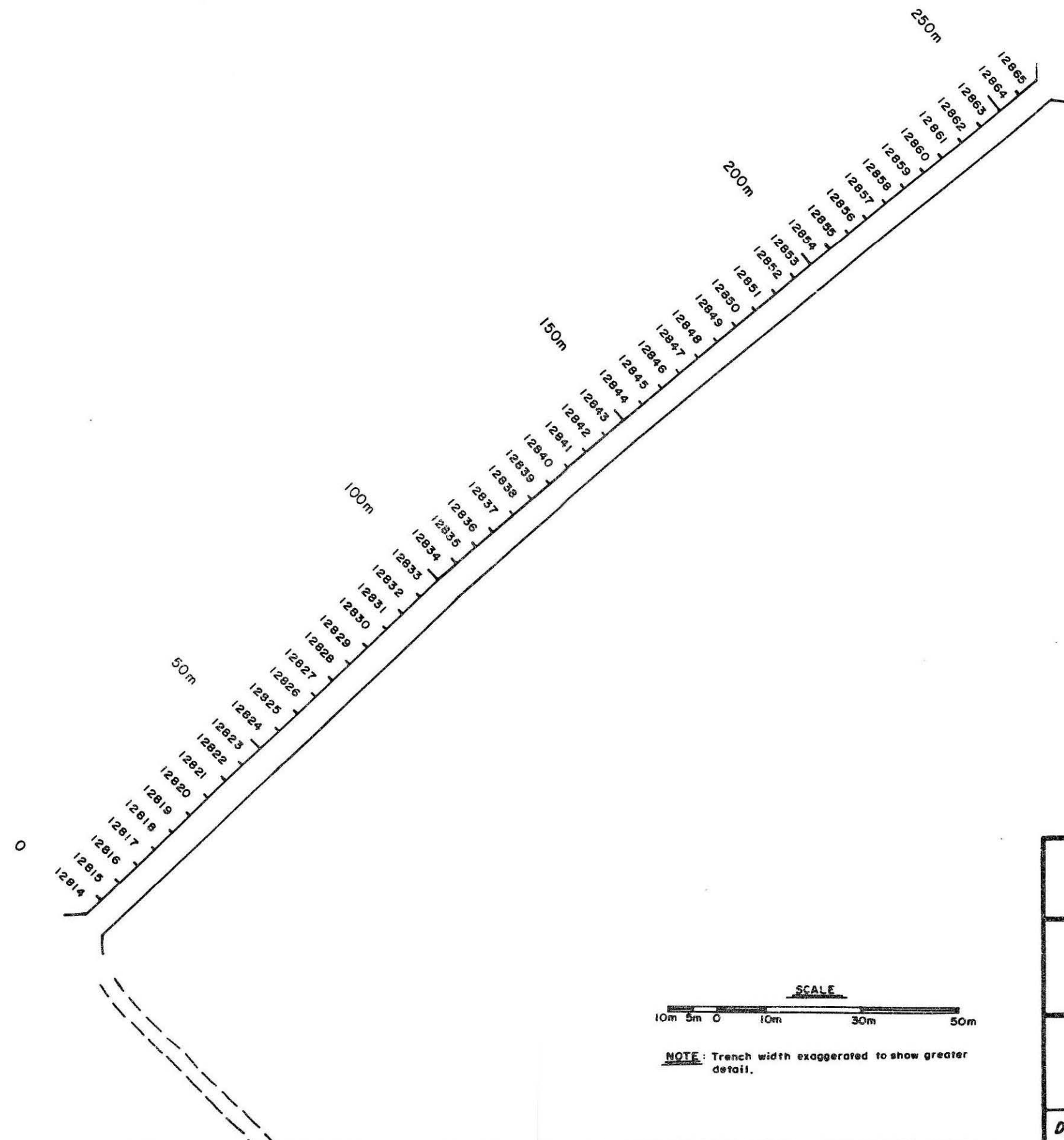
TRENCHING

A total of 1820 cubic meters of trenching was accomplished with the use of a Cat 235 backhoe in early September of 1986. The trench, which is 260 meters in length by one meter in width by approximately 7 meters in depth, is located perpendicular to BLO between claimposts 6 and 7 and extends 200 meters west and 60 meters east of the base line. This particular location was chosen in order to expose the source of the VLF anomaly and at the same time reveal the bedrock associated with the largest gold value (320ppb) in the soils.

The trench was successful in revealing the source of the VLF anomaly: a 20 meter thick graphite/graphitic schist unit. Additional VLF was run over and in close proximity to the trench to positively identify this conductor. The sampling of the trench proved to be a disappointment however with the highest gold assay returning at only 48ppb Au over five meters.

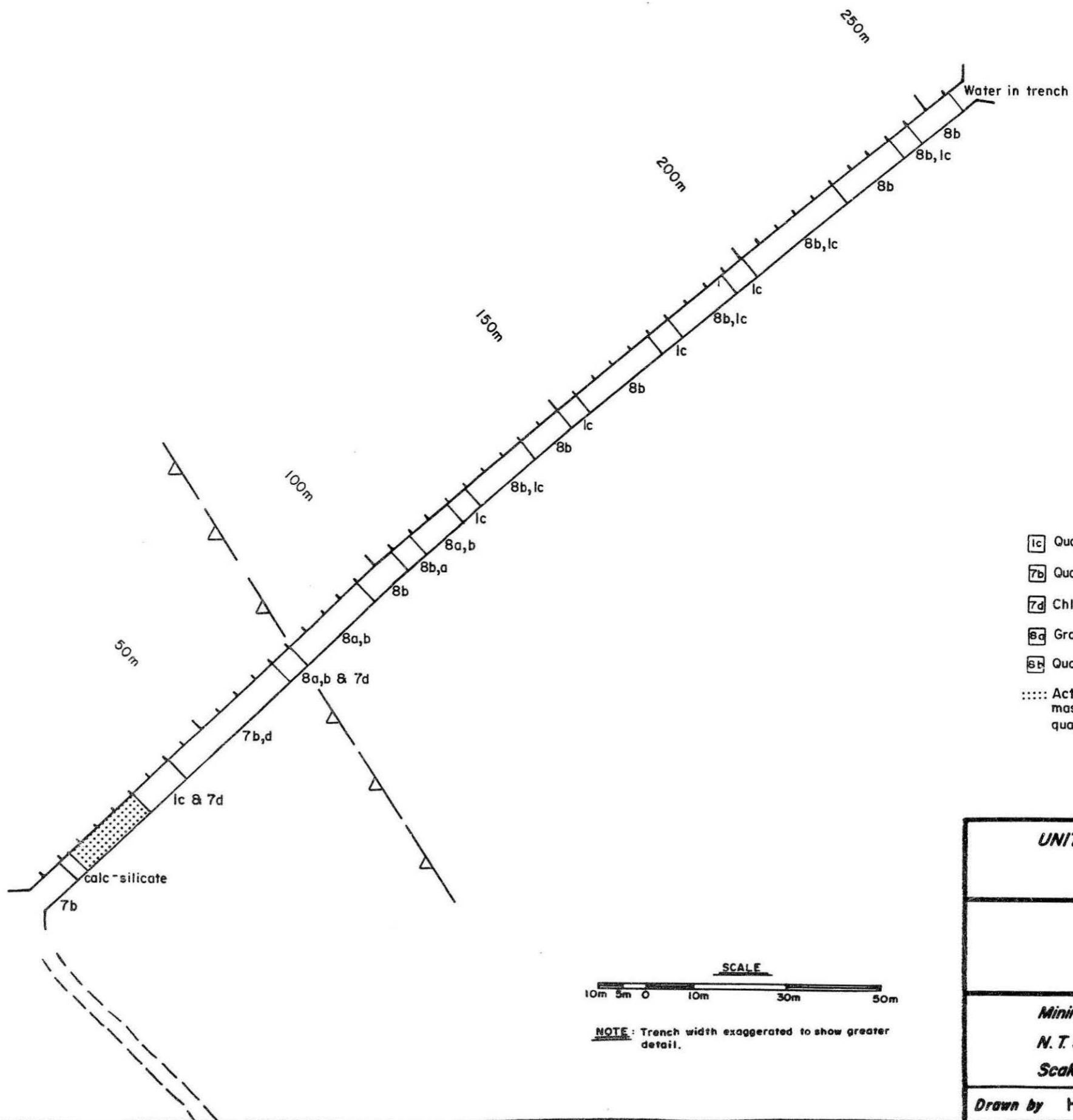
A cat road was put in for access to the trench site, it extends from Sulphur Creek-Dominion Creek road in a northeast direction to the ridge crest. A D-6 Cat was used to do the work. Both the backhoe and bulldozer were contracted from Klodike Transport Limited of Dawson City, Yukon.

A 20 meter thick graphitic zone (graphite schist) was exposed in the trench and appears to delineate the major N-S trending thrust contact which transects the property.



NOTE: Trench width exaggerated to show greater detail.

UNITED KENO HILL MINES LTD. EXPLORATION DEPARTMENT WHITEHORSE — YUKON	
RIJ GRID TRENCH SAMPLE LOCATIONS	
<i>Mining District</i> DAWSON	12-3
<i>N.T.S. Sheet No.</i> 115-0-10	
<i>Scale</i> 1:1,000 1cm = 10m	
<i>Drawn by</i> H.D.P.	<i>Date</i> 87/02/25



LEGEND

- [lc] Quartz-eye schist, quartz muscovite ± chlorite schist.
- [7b] Quartz-chlorite gneiss ± muscovite.
- [7d] Chlorite schist ± muscovite ± quartz sweat.
- [8a] Graphitic phyllite schist.
- [8b] Quartzite ± graphitic gneiss.
- Actinolite pseudomorphs with crystals of porphyry in massive fine-grained groundmass of epidote, feldspar, quartz, chlorite, apatite (?) and ± pyrite.

UNITED KENO HILL MINES LTD.
 EXPLORATION DEPARTMENT
 WHITEHORSE — YUKON

RIJ GRID
 TRENCH GEOLOGY

Mining District DAWSON
 N.T.S. Sheet No. 115-O-10
 Scale 1:1,000 1cm = 10m

Drawn by H.D.P. Date 87/02/28

(24)

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CONCLUSIONS AND RECOMMENDATIONS

The results of the 1986 field program at the RIJ claim group were disappointing. Soil sampling revealed no highly anomalous Au zones, all rock assays returned low values, and the trench failed to yield any substantially anomalous bedrock Au values.

The program was successful in delineating and exposing the source of the strong VLF anomaly on the property. Unfortunately, the conductor turned out to be an unmineralized graphite unit.

Although work on RIJ was carried out at a broad scale, it was still sufficiently detailed to detect the presence of major structures, had they existed. Any structures overlooked at this scale of study would be very small and economically insignificant.

For these reasons it is recommended that no further work be done on the RIJ property and that the claims be allowed to lapse. An attempt to option out the property should be made, perhaps to the holders of the adjoining BTTA group.

091721

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APPENDIX I

RIJ COST BREAKDOWN

	COST
GENERAL	\$16,251.75
GEOLOGICAL	\$160.48
GEOCHEMICAL	\$125.67
ASSAYS	\$5,060.86
TRENCHING	\$5,017.50
CAMP OPERATIONS	\$4,084.50
VEHICLES	\$2,344.50
TOTALS	\$33,045.26

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APPENDIX II

PERSONNEL

Geological Mapping By: Geological Assistance By:

Alan Coutts
General Delivery
Elsa, Yukon
Y0B 1J0

Garth Thompson
#11708 26th Avenue
Edmonton, Alberta
T6J 3R5

Christopher MacAttee
General Delivery
Whitehorse, Yukon

Doug Davis
#419 Pembina Hall
Edmonton, Alberta

Dennis J. Ouellette
409 Black Street
Whitehorse, Yukon
Y1A 2N2

Bruce Mezei
Apt. #307
Edmonton Alberta

Brad Skeeles
2962 West 30th Avenue
Vancouver, British Columbia
V6L 1V4

VLF EM-16 Survey By: Trenching Supervised By:

Alan Coutts
General Delivery
Elsa, Yukon
Y0B 1J0

David Kenny
Box 556
Cassiar, B.C.
V0C 1E0

UNITED KENO HILL MINES LIMITED

APPENDIX III

SUPPORT

Geochemical Analysis By:

Chemex Labs Limited
212 Brooksbank Ave.
North Vancouver, B.C.
V7J 2C1

Bondar-Clegg & Company Limited
136 Industrial Road
Whitehorse, Yukon
Y1A 2V1

Drafting By:

Holly Plaskett
409 Black St.
Whitehorse, Yukon
Y1A 2N2

Staking:

Courier De Bois
Box 5301
Whitehorse, Yukon

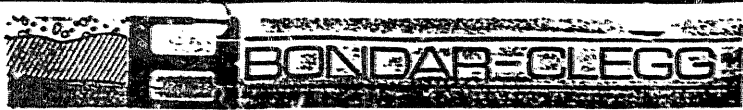
Trenching:

Klondike Transport Ltd
P.O. Box 206
Dawson City, Yukon
Y0B 1G0

UNITED KENO HILL MINES LIMITED

**APPENDIX IV
ASSAY SHEETS**

Empire Ltd.
Vancouver, B.C.
2183
(604) 983-0581
A-152667



Certificate
of Analysis

REPORT: 426-2634

PROJECT: 958

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pt PCT	Zn PCT
R2 13051		<0.002	0.02	<0.01	0.02	<0.01
R2 13052		<0.002	0.02	<0.01	0.01	<0.01

Registered Assayer, Province of British Columbia

081721



PROJECT: NONE GIVEN

PAGE 1

Element	A	As	Ca	Fe	Zn	Mg	SB	CR
WTS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT
	0.001					1.14	9.59	Silver City
	0.008							Stop # 4
	0.007	0.01	0.01	0.01	0.04			0.17 Bear River
	0.01	0.01	0.01	0.01	0.01			0.18 Stop # 60
	0.01	0.01	0.01	0.01	0.01			R15 line 3 B10
	0.002	0.01	0.01	0.01	0.01			Bear Creek
	0.001	0.01	0.01	0.01	0.01			
	0.002	0.01	0.01	0.01	0.01			
	0.001	0.01	0.01	0.01	0.01			
	0.002	0.01	0.01	0.01	0.01			
	0.002	0.01	0.01	0.01	0.01			Shipman
	0.001	0.01	0.01	0.01	0.01			
	0.001	0.01	0.01	0.01	0.01			Bear Creek
	0.001	0.01	0.01	0.01	0.01			
	0.001	0.01	0.01	0.01	0.01			R15
	0.001	0.01	0.01	0.01	0.01			
	0.001	0.01	0.01	0.01	0.01			



Chemex Labs Ltd.

212 Brookbank Ave
North Vancouver, B.C.
Canada V1J 2C1
Telephone (604) 884-0222
Telex 08352557

Analytical Chemists Geochemists Registered Assayers

CERTIFICATE OF ANALYSIS

TO : UNITED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

RIJ

CERT. # : A3615049-001-A
INVOICE # : 18615049
DATE : 5-AUG-86
P.O. # : REJ
RIJ

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Cs, La, Mg, K, Ni, Sr, Ti, U and V can only be considered as semi-quantitative.

COMMENTS :

RIJ 51
x
y
100-400

Sample Description	MAAAs	ppb	Al	As	Ba	Be	Bi	Ca	Co	Cr	Cu	K	La	Mg	Mn	Ni	P	Sb	Sr	Ti	U	V	W	Zn										
ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb										
87729	1150	0	7	15	1.36	0.2	<10	400	<0.5	<2	0.71	<0.5	8	26	16	2.25	<10	0.04	20	0.50	387	<1	0.02	18	580	6	<10	35	0.06	<10	<10	45	<10	60
87730	1150	10	3	15	1.59	0.2	10	410	<0.5	<2	0.87	<0.5	8	30	25	2.61	<10	0.03	20	0.60	324	<1	0.01	22	580	8	<10	35	0.06	<10	<10	45	<10	62
87731	1150	10	2	15	1.53	0.2	10	410	<0.5	<2	0.52	<0.5	9	29	21	2.73	<10	0.04	20	0.59	326	<1	0.02	21	680	8	<10	36	0.06	<10	<10	55	<10	64
87732	1150	10	3	10	1.66	0.2	10	290	<0.5	<2	0.20	<0.5	9	26	25	2.82	<10	0.03	10	0.69	320	<1	0.01	18	350	4	<10	17	0.06	<10	<10	51	<10	52
87733	1150	10	5	15	1.93	0.2	10	300	<0.5	<2	0.20	<0.5	11	28	42	3.24	<10	0.03	10	0.81	364	<1	0.01	18	300	4	<10	16	0.05	<10	<10	57	<10	52
87734	1150	600	2	15	1.73	0.2	10	350	<0.5	<2	0.34	<0.5	9	27	32	3.13	<10	0.03	10	0.75	400	<1	0.01	21	360	6	<10	17	0.04	<10	<10	57	<10	54
87735	1150	700	2	15	2.50	0.2	<10	170	<0.5	<2	0.12	<0.5	12	27	49	4.41	<10	0.03	10	1.09	355	<1	0.01	21	190	4	<10	9	0.04	<10	<10	57	<10	58
87736	1150	700	7	15	2.26	0.2	10	170	<0.5	<2	0.28	<0.5	11	22	27	3.89	<10	0.03	10	0.88	318	<1	0.01	16	160	4	<10	7	0.03	<10	<10	64	<10	52
87737	1150	10	2	15	2.26	0.2	10	210	<0.5	<2	0.13	<0.5	9	26	15	3.29	10	0.01	10	0.66	372	<1	0.01	19	200	8	<10	13	0.08	<10	<10	65	<10	52
87738	1150	10	1	15	1.66	0.2	10	150	<0.5	<2	0.16	<0.5	6	25	17	2.85	<10	0.04	10	0.49	176	<1	0.01	15	200	6	<10	12	0.07	<10	<10	62	<10	48
87739	1150	10	2	15	1.79	0.2	10	170	<0.5	<2	0.19	<0.5	10	31	19	2.71	<10	0.03	20	0.81	382	<1	0.01	17	340	6	<10	22	0.04	<10	<10	54	<10	54
87740	1150	10	4	15	1.55	0.2	<10	300	<0.5	<2	0.22	<0.5	9	26	19	3.51	<10	0.04	20	0.52	382	<1	0.01	16	320	6	<10	19	0.05	<10	<10	52	<10	46
87741	1150	10	5	15	1.48	0.2	<10	210	<0.5	<2	0.26	<0.5	6	21	16	2.59	<10	0.03	10	0.60	258	<1	0.01	14	630	4	<10	17	0.04	<10	<10	46	<10	48
87742	1150	10	1	15	1.57	0.2	<10	260	<0.5	<2	0.42	<0.5	8	21	12	2.52	<10	0.04	20	0.56	294	<1	0.01	14	680	6	<10	21	0.06	<10	<10	45	<10	52
87743	1150	10	13	15	1.24	0.2	10	280	<0.5	<2	0.26	<0.5	7	22	15	2.13	<10	0.05	20	0.26	318	<1	0.01	16	780	6	<10	25	0.05	<10	<10	46	<10	60
87744	1150	10	1	15	1.12	0.2	<10	280	<0.5	<2	0.24	<0.5	5	19	9	2.32	<10	0.04	10	0.39	182	<1	0.01	12	510	6	<10	19	0.06	<10	<10	44	<10	44
87745	1150	10	3	15	1.13	0.2	10	320	<0.5	<2	0.44	<0.5	8	26	16	2.48	<10	0.03	20	0.49	272	<1	0.02	19	680	6	<10	23	0.07	<10	<10	48	<10	56
87746	1150	10	5	15	1.19	0.2	<10	290	<0.5	<2	0.59	<0.5	7	25	11	2.13	<10	0.03	20	0.40	242	<1	0.02	16	820	6	<10	39	0.06	<10	<10	47	<10	52
87747	1150	10	2	15	1.27	0.2	10	170	<0.5	<2	0.22	<0.5	9	35	28	3.24	<10	0.03	20	0.59	296	<1	0.01	21	870	16	<10	12	0.04	<10	<10	53	<10	96
87748	1150	10	3	15	1.29	0.2	10	260	<0.5	<2	0.19	<0.5	8	29	26	3.10	<10	0.06	20	0.45	238	<1	0.01	29	650	8	<10	13	0.04	<10	<10	49	<10	70
87749	1150	10	6	15	1.26	0.2	10	120	<0.5	<2	0.17	<0.5	6	24	21	2.68	<10	0.04	10	0.44	288	<1	0.01	26	710	8	<10	12	0.03	<10	<10	37	<10	100
87750	1150	10	11	15	2.43	0.2	10	520	<0.5	<2	0.25	<0.5	11	35	48	4.35	<10	0.03	20	0.43	366	<1	0.02	59	1230	18	<10	34	0.02	<10	<10	58	<10	104
87751	1150	10	10	15	0.27	0.2	10	280	<0.5	<2	0.73	<0.5	1	16	12	0.41	<10	0.02	10	0.83	146	<1	0.03	4	810	2	<10	105	0.01	<10	<10	8	<10	18
87752	1150	10	3	15	2.74	0.2	10	400	<0.5	<2	0.19	<0.5	13	26	19	3.87	<10	0.03	20	0.63	429	<1	0.01	22	320	10	<10	16	0.08	<10	<10	78	<10	62
87753	1150	10	1	15	2.77	0.2	<10	360	<0.5	<2	0.15	<0.5	10	30	9	3.57	<10	0.04	10	0.57	385	<1	0.01	16	490	6	<10	13	0.09	<10	<10	61	<10	50
87754	1150	10	1	15	2.52	0.2	<10	210	<0.5	<2	0.13	<0.5	15	18	44	5.75	<10	0.03	<10	1.59	553	<1	0.02	21	180	4	<10	6	0.03	<10	<10	96	<10	110
87755	1150	10	1	15	2.74	0.2	10	120	<0.5	<2	0.16	<0.5	17	129	30	3.87	<10	0.02	10	1.72	669	<1	0.01	69	290	4	<10	15	0.04	<10	<10	70	<10	64
87756	1150	10	1	15	2.38	0.2	<10	180	<0.5	<2	0.16	<0.5	10	30	21	2.29	<10	0.04	10	0.90	368	<1	0.01	22	310	8	<10	11	0.08	<10	<10	52	<10	66
87757	1150	10	1	15	2.24	0.2	<10	260	<0.5	<2	0.19	<0.5	11	24	12	2.17	<10	0.04	10	0.72	307	<1	0.01	19	200	8	<10	11	0.5	<10	<10	70	<10	50
87758	1150	600	1	15	1.74	0.2	<10	280	<0.5	<2	0.15	<0.5	6	19	13	2.56	<10	0.06	<10	0.68	277	<1	0.01	13	190	4	<10	7	0.02	<10	<10	40	<10	72
87759	1150	500	1	15	2.84	0.2	10	320	<0.5	<2	0.45	<0.5	13	92	24	3.41	<10	0.04	10	1.25	724	<1	0.01	40	180	14	<10	19	0.07	<10	<10	79	<10	56
87760	1150	700	2	10	2.04	0.2	10	210	<0.5	<2	0.20	<0.5	9	29	17	3.00	<10	0.03	10	0.63	271	<1	0.01	14	140	8	<10	15	0.08	<10	<10	68	<10	44
87761	1150	10	1	15	1.29	0.2	10	170	<0.5	<2	0.11	<0.5	1	13	9	1.37	<10	0.08	10	0.33	141	<1	0.01	7	190	9	<10	9	0.02	<10	<10	10	<10	26
87762	1150	10	1	15	2.12	0.2	10	390	<0.5	<2	0.15	<0.5	9	30	14	2.70	<10	0.04	10	0.21	248	<1	0.01	30	160	26	<10	13	0.06	<10	<10	57	<10	70
87763	1150	10	1	15	2.12	0.2	10	410	<0.5	<2	0.19	<0.5	11	33	9	2.11	<10	0.07	10	0.29	221	<1	0.01	19	470	13	<10	13	0.04	<10	<10	65	<10	126
87764	1150	10	1	15	2.76	0.2	10	260	<0.5	<2	0.10	<0.5	14	78	33	3.93	<10	0.03	<10	1.74	653	<1	0.01	28	260	18	<10	5	0.01	<10	<10	66	<10	92
87765	1150	500	1	15	1.93	0.2	10	390	<0.5	<2	0.21	<0.5	9	29	12	2.59	<10	0.06	10	0.69	248	<1	0.01	16	200	8	<10	16	0.09	<10	<10	61	<10	42
87766	1150	10	1	15	1.92	0.2	10	440	<0.5	<2	0.25	<0.5	12	34	22	2.94	<10	0.06	20	0.63	298	<1	0.01	22	10	16	<10	17	0.04	<10	<10	60	<10	51
87767	1150	10	1	15	2.19	0.2	10	400	<0.5	<2	0.28	<0.5	9	29	21	2.86	<10	0.07	20	0.51	362	<1	0.01											



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Semi quantitative multi element ICP analysis

CERTIFICATE OF ANALYSIS

TO : UNITED KENO HILL MINES LIMITED
409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

CERT. # : A9615048-002-A
INVOICE # : I9615048
DATE : 5-AUG-86
P.O. # : R11
RIJ

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Tl, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	wt	ppm	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Nb	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn		
87986 4000	500	10	95	1.85	0.2	10	150	0.5	0.2	0.31	0.5	17	23	52	3.59	<10	0.03	10	0.91	605	<1	0.01	19	250	10	<10	11	0.03	<10	<10	50	<10	70
87987 4100	9	CS	1.61	0.2	10	180	0.5	0.2	0.60	0.5	11	27	31	2.89	<10	0.04	10	0.89	726	<1	0.01	22	540	10	<10	18	0.03	<10	<10	44	<10	60	
87989 4200	1	CS	1.85	0.2	10	200	0.5	0.2	0.73	0.5	10	31	34	3.88	<10	0.02	10	0.79	844	<1	0.01	20	320	8	<10	22	0.03	<10	<10	53	<10	68	
87992 4300	3	CS	1.37	0.2	10	250	0.5	0.2	0.70	0.5	20	39	73	3.84	<10	0.03	10	1.28	770	<1	0.01	26	410	10	<10	31	0.02	<10	<10	62	<10	86	
87991 4400	2	CS	0.23	0.2	20	160	0.5	0.2	1.02	0.5	2	7	12	0.60	<10	0.01	10	0.19	374	<1	0.01	13	1000	4	<10	91	0.01	<10	<10	7	<10	12	
87992 4500	2	CS	1.40	0.2	10	250	0.5	0.2	0.63	0.5	8	29	24	2.26	<10	0.06	20	0.45	220	<1	0.01	29	450	10	<10	28	0.04	<10	<10	40	<10	52	
87993 4700	1	CS	1.73	0.2	10	250	0.5	0.2	0.66	0.5	10	37	37	3.47	<10	0.08	20	0.69	329	1	0.01	20	940	12	<10	25	0.02	<10	<10	41	<10	92	
87994 4800	3	CS	1.19	0.2	10	320	0.5	0.2	0.71	0.5	8	35	26	2.01	<10	0.05	20	0.41	251	<1	0.01	21	770	10	<10	40	0.04	<10	<10	37	<10	44	
88120	13	CS	1.22	0.2	20	420	0.5	0.2	1.79	0.5	8	35	17	1.29	<10	0.04	10	0.40	770	<1	0.01	17	580	10	<10	57	0.03	<10	<10	31	<10	54	
89331	1	CS	1.30	0.2	10	377	0.5	0.2	0.43	0.5	9	29	20	2.35	<10	0.26	20	0.44	276	<1	0.01	21	510	10	<10	34	0.07	<10	<10	45	<10	50	
89332	5	CS	1.18	0.2	10	173	0.5	0.2	0.25	0.5	9	29	24	2.22	<10	0.25	20	0.48	452	<1	0.02	24	680	12	<10	37	0.26	<10	<10	42	<10	89	
89333	3	CS	1.15	0.2	10	340	0.5	0.2	0.48	0.5	8	27	22	2.20	<10	0.07	20	0.45	393	<1	0.02	22	670	12	<10	24	0.07	<10	<10	42	<10	58	
89334	3	CS	1.61	0.2	10	440	0.5	0.2	0.44	0.5	10	24	23	2.66	<10	0.07	20	0.58	430	<1	0.02	24	560	10	<10	27	0.07	<10	<10	52	<10	66	
89335	4	CS	1.80	0.2	10	290	0.5	0.2	0.20	0.5	9	23	23	2.48	<10	0.02	10	0.59	247	<1	0.01	17	140	8	<10	20	0.10	<10	<10	52	<10	66	
89336	1	CS	1.94	0.2	10	200	0.5	0.2	1.32	0.5	9	26	22	2.80	<10	0.03	10	0.73	747	<1	0.01	17	170	10	<10	21	0.09	<10	<10	60	<10	59	
89337	5	CS	1.52	0.2	10	290	0.5	0.2	0.32	0.5	10	32	36	3.39	<10	0.02	10	0.82	194	<1	0.01	22	120	12	<10	19	0.10	<10	<10	67	<10	56	
89338	9	CS	1.79	0.2	10	170	0.5	0.2	0.14	0.5	9	27	25	2.62	<10	0.03	10	0.47	294	<1	0.01	20	150	12	<10	12	0.27	<10	<10	48	<10	54	
89339	2	CS	1.57	0.2	10	360	0.5	0.2	0.30	0.5	9	29	35	2.67	<10	0.02	20	0.57	221	<1	0.01	17	420	12	<10	18	0.08	<10	<10	40	<10	62	
89340	25	CS	0.94	0.2	10	360	0.5	0.2	1.61	0.5	7	20	25	1.80	<10	0.02	10	0.40	441	<1	0.01	16	850	12	<10	45	0.24	<10	<10	31	<10	86	
89341	30	CS	1.28	0.2	10	220	0.5	0.2	1.59	0.5	10	16	10	2.17	<10	0.01	10	0.61	431	<1	0.01	12	570	10	<10	36	0.03	<10	<10	37	<10	64	
89342	7	CS	1.03	0.2	10	190	0.5	0.2	0.16	0.5	7	19	12	1.33	<10	0.02	10	0.44	311	1	0.01	12	420	10	<10	17	0.24	<10	<10	36	<10	38	
89343	1	CS	0.93	0.2	10	90	0.5	0.2	0.24	0.5	5	15	8	1.49	<10	0.02	10	0.40	197	<1	0.01	9	340	10	<10	8	0.02	<10	<10	23	<10	26	
89344	2	CS	1.52	0.2	10	220	0.5	0.2	1.12	0.5	12	25	28	2.57	<10	0.01	20	0.60	311	1	0.01	20	840	16	<10	23	0.27	<10	<10	42	<10	64	
89351	1	CS	0.75	0.2	20	220	0.5	0.2	2.87	0.5	3	10	32	1.33	<10	0.01	10	0.30	589	<1	0.01	15	900	8	<10	34	0.01	<10	<10	20	<10	58	
89352	5	CS	1.48	0.2	10	340	0.5	0.2	0.71	0.5	7	21	20	2.24	<10	0.01	10	0.55	74	<1	0.01	16	420	10	<10	23	0.05	<10	<10	41	<10	62	
89353	1	CS	1.17	0.2	20	210	0.5	0.2	2.29	0.5	11	22	39	2.26	<10	0.01	10	0.65	1169	<1	0.01	18	780	10	<10	38	0.01	<10	<10	32	<10	66	
89354	9	CS	1.62	0.2	10	300	0.5	0.2	0.44	0.5	8	21	17	2.75	<10	0.03	20	0.57	352	<1	0.01	14	520	12	<10	21	0.07	<10	<10	51	<10	58	
89355	10	CS	1.55	0.2	10	200	0.5	0.2	0.63	0.5	11	16	19	2.41	<10	0.01	10	0.67	362	<1	0.01	13	680	8	<10	18	0.05	<10	<10	47	<10	62	
89351	1	CS	1.74	0.2	10	340	0.5	0.2	0.45	0.5	7	14	15	2.14	<10	0.03	10	0.87	398	<1	0.01	12	210	6	<10	17	0.08	<10	<10	42	<10	50	
89352	7	CS	1.52	0.2	10	180	0.5	0.2	0.48	0.5	10	9	41	2.17	<10	0.01	10	1.02	752	<1	0.01	18	580	10	<10	14	0.03	<10	<10	42	<10	69	
89353	7	CS	1.77	0.2	<10	200	0.5	0.2	0.29	0.5	8	14	24	2.75	<10	0.02	10	1.04	1897	<1	0.01	12	290	8	<10	11	0.24	<10	<10	40	<10	56	
89354	7	CS	1.87	0.2	10	290	0.5	0.2	1.85	0.5	13	26	31	3.05	<10	0.01	10	1.08	1213	<1	0.01	20	750	12	<10	35	0.01	<10	<10	47	<10	68	
89355	15	CS	1.69	0.2	10	220	0.5	0.2	0.54	0.5	7	26	25	2.71	<10	0.03	10	1.00	426	<1	0.01	17	410	10	<10	28	0.23	<10	<10	45	<10	74	
89356	15	CS	1.95	0.2	10	340	0.5	0.2	0.56	0.5	11	31	32	2.43	<10	0.03	20	0.81	852	<1	0.01	19	510	12	<10	24	0.25	<10	<10	50	<10	66	
89357	7	CS	1.67	0.2	10	170	0.5	0.2	0.62	0.5	9	27	24	2.67	<10	0.05	20	0.56	363	<1	0.01	21	580	12	<10	35	0.05	<10	<10	52	<10	56	
89358	10	CS	1.56	0.2	10	520	0.5	0.2	0.62	0.5	8	24	24	2.19	<10	0.04	20	0.44	394	<1	0.01	22	550	10	<10	45	0.04	<10	<10	42	<10	59	
89359	7	CS	1.64	0.2	10	300	0.5	0.2	0.30	0.5	8	28	21	2.50	<10	0.04	20	0.54	371	<1	0.01	18	370	6	<10	24	0.29	<10	<10	53	<10	49	
89360	7	CS	1.93	0.2	10	250	0.5	0.2	0.19	0.5	8	29	29	2.87	<10	0.04	20	0.88	255	<1	0.01	20	160	10	<10	14	0.26	<10	<10	55	<10	61	
89361	7	CS	2.50	0.2	10	220	0.5	0.2	0.15	0.5	10	34	16	3.20	<10	0.04	10	0.52	290	<1	0.01	20	220	14	<10	14	0.09	<10	<10	69	<10	58	
89362	7	CS	2.08	0.2	10	300	0.5	0.2	0.23	0.5	7	27	16	2.63	<10	0.04	10	0.53	257	<1	0.01	18	140	12	<10	16	0.28	<10	<10	64	<10	48	

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Telex 043-52597

CERTIFICATE OF ANALYSIS

TO : UNITED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

CERT. # : A8615048-003-A
INVOICE # : 18615048
DATE : 5-AUG-86
P.O. # : RIJ
RIJ

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au NAAU ppb	Ag ppb	Al ppb	As ppb	Ba ppb	Be ppb	Bi ppb	Ca ppb	Cd ppb	Co ppb	Cr ppb	Cu ppb	Fe ppb	Ga ppb	K ppb	La ppb	Mg ppb	Mn ppb	Mo ppb	Na ppb	Ni ppb	P ppb	Pb ppb	Sb ppb	Sr ppb	Ti ppb	Tl ppb	U ppb	V ppb	W ppb	Zn ppb
88533 915 700 2	CS	2.03	0.2	10	320	<0.5	<2	0.28	<0.5	9	24	24	2.94	<10	0.04	10	0.74	323	<1	0.01	19	160	12	<10	17	0.06	<10	<10	54	<10	56
88534 710 600 1	CS	2.22	0.2	10	280	<0.5	<2	0.40	<0.5	12	19	25	3.31	<10	0.02	10	1.03	354	<1	0.01	14	210	10	<10	20	0.09	<10	<10	66	<10	60
98535 150 500 5	CS	1.75	0.2	10	170	0.5	<2	0.20	<0.5	9	23	22	2.56	<10	0.02	10	0.61	218	<1	0.01	18	110	8	<10	14	0.08	<10	<10	52	<10	46
98536 200 1	CS	1.70	0.2	10	370	<0.5	<2	0.35	<0.5	12	28	22	2.58	<10	0.03	10	0.61	938	<1	0.01	20	410	10	<10	21	0.06	<10	<10	51	<10	52
88537 200 1	CS	1.90	0.2	10	240	<0.5	<2	0.28	<0.5	9	44	21	2.77	<10	0.05	10	0.72	259	<1	0.01	24	200	10	<10	15	0.07	<10	<10	60	<10	52
88538 100 1	CS	2.01	0.2	20	430	<0.5	<2	0.30	<0.5	12	31	29	3.07	<10	0.04	20	0.81	405	<1	0.01	23	220	18	<10	16	0.05	<10	<10	54	<10	80
88539 750 2	CS	1.96	0.2	10	430	<0.5	<2	0.21	<0.5	10	31	20	2.64	<10	0.04	10	0.52	335	<1	0.01	22	190	12	<10	17	0.07	<10	<10	56	<10	98
88540 750 500 21	CS	1.95	0.2	10	260	<0.5	<2	0.34	<0.5	9	23	24	2.88	<10	0.05	10	0.78	283	<1	0.01	16	310	8	<10	19	0.08	<10	<10	60	<10	52
98548 100 1	CS	1.66	0.4	80	500	0.5	<2	0.15	<0.5	10	24	24	2.42	<10	0.06	20	0.34	1209	<1	0.01	29	730	18	<10	10	0.03	<10	<10	48	<10	104
98617 100 1	CS	1.14	0.2	10	360	<0.5	<2	0.34	0.5	7	24	24	1.97	10	0.03	10	0.41	310	<1	0.01	19	720	8	<10	50	0.05	<10	<10	37	<10	44
98618 100 1	CS	1.07	0.2	10	420	<0.5	<2	1.67	0.5	7	20	20	1.67	10	0.02	10	0.37	505	<1	0.01	16	820	8	<10	66	0.03	<10	<10	32	<10	32
88615 200 1	CS	1.43	0.2	10	350	<0.5	<2	0.71	0.5	8	33	24	2.22	<10	0.04	20	0.57	350	<1	0.01	23	470	10	<10	34	0.06	<10	<10	47	<10	44
88620 300 1	CS	1.58	0.2	10	380	<0.5	<2	0.31	<0.5	13	72	31	3.41	<10	0.02	10	1.11	338	<1	0.01	31	210	8	<10	18	0.04	<10	<10	70	<10	64
88621 100 3	CS	1.88	0.2	10	320	<0.5	<2	0.77	<0.5	13	40	35	3.18	<10	0.04	20	0.83	1016	<1	0.01	26	600	12	<10	39	0.06	<10	<10	54	<10	58
88622 100 1	CS	1.63	0.2	10	500	0.5	<2	1.50	<0.5	9	23	23	2.54	<10	0.06	20	0.49	415	<1	0.01	27	450	10	<10	25	0.25	<10	<10	45	<10	56
88623 100 1	CS	1.54	0.2	10	280	<0.5	<2	0.39	0.5	7	22	23	2.73	<10	0.05	10	0.49	293	<1	0.01	23	420	6	<10	17	0.02	<10	<10	23	<10	62
98624 100 2	CS	1.00	0.2	10	510	<0.5	<2	0.54	0.5	12	26	40	3.11	<10	0.06	10	0.22	897	<1	0.01	40	490	8	<10	29	0.01	<10	<10	37	<10	64
88625 100 21	CS	0.94	0.2	<10	300	<0.5	<2	0.46	0.5	6	18	18	2.13	<10	0.06	10	0.31	229	<1	0.01	18	410	10	<10	20	0.02	<10	<10	30	<10	54
88626 100 11	CS	1.11	0.2	<10	480	<0.5	<2	0.43	0.5	8	18	19	2.39	<10	0.07	10	0.26	305	<1	0.01	20	220	10	<10	18	0.02	<10	<10	30	<10	50
88627 1100 1	CS	1.24	0.2	10	520	<0.5	<2	0.18	<0.5	8	21	24	2.08	<10	0.04	10	0.27	213	1	0.01	22	460	10	<10	15	0.04	<10	<10	49	<10	52
98529 1700 1	CS	1.52	0.2	20	900	0.5	<2	1.13	<0.5	9	28	42	2.40	<10	0.03	20	0.47	666	<1	0.01	30	1000	8	<10	44	0.02	<10	<10	43	<10	54
98629 1200 1	CS	1.57	0.2	10	710	<0.5	<2	0.40	<0.5	12	24	19	2.40	<10	0.06	10	0.40	714	<1	0.01	22	360	10	<10	30	0.04	<10	<10	50	<10	46
98630 1200 1	CS	2.12	0.2	30	510	<0.5	<2	0.14	<0.5	13	30	44	3.59	<10	0.05	20	0.87	334	<1	0.01	38	370	8	<10	8	0.01	<10	<10	57	<10	76
88631 1500 6	CS	1.63	0.4	10	400	<0.5	<2	0.34	0.5	8	36	31	2.98	<10	0.10	20	0.62	322	1	0.01	34	800	14	<10	25	0.05	<10	<10	50	<10	88
98632 1600 4	CS	1.70	0.4	10	750	<0.5	<2	0.37	0.5	10	37	22	2.65	<10	0.07	20	0.54	426	<1	0.01	28	410	10	<10	25	0.06	<10	<10	52	<10	58
88633 1700 7	CS	1.87	0.2	10	370	<0.5	<2	0.41	<0.5	10	34	34	3.02	<10	0.06	20	0.72	407	<1	0.01	28	570	16	<10	23	0.08	<10	<10	45	<10	80
88634 1000 2	CS	1.86	0.2	10	340	<0.5	<2	0.33	0.5	8	64	27	2.68	<10	0.05	10	0.69	427	1	0.01	30	530	26	<10	21	0.06	<10	<10	55	<10	92
98635 1200 7	CS	1.53	0.2	10	440	<0.5	<2	0.83	0.5	9	28	22	2.44	10	0.09	10	0.59	379	<1	0.01	21	660	12	<10	43	0.02	<10	<10	44	<10	52
98636 100 3	CS	1.29	0.2	10	300	<0.5	<2	0.28	0.5	6	26	16	2.17	<10	0.07	10	0.41	169	<1	0.01	21	420	6	<10	17	0.05	<10	<10	43	<10	44
88637 1500 1	CS	1.77	0.2	10	400	<0.5	<2	0.28	0.5	9	33	21	2.56	<10	0.08	10	0.46	255	<1	0.01	28	420	8	<10	18	0.05	<10	<10	56	<10	58
88638 1700 4	CS	1.71	0.2	10	350	<0.5	<2	0.29	0.5	9	40	31	2.97	<10	0.08	20	0.66	284	1	0.01	36	570	12	<10	15	0.04	<10	<10	48	<10	66
88639 1400 2	CS	1.78	0.2	10	310	<0.5	<2	0.21	0.5	11	33	9	2.76	<10	0.10	10	0.36	418	1	0.01	19	620	12	<10	14	0.08	<10	<10	65	<10	44
88640 100 2	CS	3.08	0.2	10	420	<0.5	<2	0.23	0.5	9	38	20	3.04	<10	0.08	10	0.45	266	1	0.01	24	510	12	<10	21	0.06	<10	<10	63	<10	72
88641 100 1	CS	1.90	0.6	10	500	<0.5	<2	0.29	0.5	13	31	17	2.93	<10	0.18	10	0.51	547	<1	0.01	33	550	10	<10	12	0.01	<10	<10	42	<10	75
88642 100 1	CS	1.87	0.6	10	310	<0.5	<2	0.31	0.5	9	36	12	2.82	<10	0.15	10	0.49	264	<1	0.01	26	670	8	<10	17	0.04	<10	<10	52	<10	66
88643 100 1	CS	1.44	0.2	10	370	<0.5	<2	0.43	0.5	10	33	51	2.84	10	0.11	30	0.50	581	1	0.01	41	2060	16	<10	15	0.01	<10	<10	41	<10	78
88644 100 1	CS	1.53	0.2	10	360	<0.5	<2	0.26	0.5	11	30	18	2.51	<10	0.08	10	0.42	517	<1	0.01	26	800	10	<10	16	0.04	<10	<10	44	<10	60
88645 100 1	CS	1.63	0.2	10	470	<0.5	<2	0.42	0.5	9	34	23	2.77	<10	0.11	20	0.48	323	<1	0.01	29	420	10	<10	26	0.06	<10	<10	48	<10	64
88646 100 3	CS	1.42	0.2	10	320	<0.5	<2	0.37	0.5	7	32	21	2.25	<10	0.10	20	0.42	229	<1	0.01	24	310	10	<10	22	0.07	<10	<10	44	<10	46
88647 100 1	CS	1.24	0.2	10	300	<0.5	<2	0.44	0.5	8	29	17	2.31	<10	0.09	20	0.37	323	1	0.01	20	540	12	<10	24	0.05	<10	<10	41	<10	52

Certified by *H. B. Buchler*

091721



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CERTIFICATE OF ANALYSIS

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Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Tl, W and U can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn	
	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
88648 4100 600-17	CS	1.41	0.2	10	210	<0.5	<2	0.64	<0.5	8	33	25	2.72	<10	0.05	20	0.63	202	<1	0.01	17	540	10	<10	22	0.05	<10	<10	47	<10	46
88649	CS	1.99	0.2	10	230	<0.5	<2	0.60	<0.5	12	35	56	3.37	<10	0.05	10	0.92	503	<1	0.01	23	420	10	<10	18	0.05	<10	<10	53	<10	66
88650A	CS	2.24	0.2	10	150	<0.5	<2	0.71	0.5	14	61	34	3.42	<10	0.04	10	1.42	494	<1	<0.01	31	510	10	<10	20	0.05	<10	10	54	<10	70
88651A	CS	1.67	0.4	10	270	<0.5	<2	0.35	<0.5	10	24	22	2.66	<10	0.06	10	0.65	262	<1	0.01	19	340	12	<10	17	0.06	<10	<10	50	<10	58
88652A	CS	1.93	0.2	10	380	<0.5	<2	0.42	<0.5	9	35	19	2.79	<10	0.08	20	0.60	471	1	0.01	18	320	14	<10	18	0.09	<10	<10	56	<10	52
88653A	CS	1.74	0.2	10	390	<0.5	<2	0.46	<0.5	7	32	18	2.28	<10	0.07	10	0.55	294	<1	0.01	16	260	8	<10	19	0.06	<10	<10	48	<10	58
88654A 4100 0	CS	2.03	0.2	10	300	<0.5	<2	0.44	<0.5	10	39	24	2.86	<10	0.08	10	0.79	314	<1	0.01	19	200	8	<10	18	0.11	<10	<10	58	<10	58
88663	CS	2.72	0.2	10	280	<0.5	<2	0.21	<0.5	12	58	19	3.39	<10	0.03	10	1.03	518	<1	0.01	21	180	16	<10	12	0.05	<10	<10	74	<10	58
88664	CS	2.87	1.4	30	320	<0.5	<2	0.16	<0.5	11	53	20	3.66	<10	0.04	10	1.05	392	1	0.01	27	230	18	<10	10	0.05	<10	10	69	<10	78
88665	CS	2.19	0.6	20	230	<0.5	<2	0.10	<0.5	12	32	27	3.51	<10	0.04	10	0.92	692	<1	0.01	26	800	34	<10	7	0.03	<10	<10	57	<10	160
88666	CS	2.09	0.2	10	410	<0.5	<2	0.12	<0.5	9	25	19	2.71	<10	0.07	20	0.58	677	1	0.01	15	360	19	<10	9	0.04	<10	<10	42	<10	240
88667	CS	2.31	0.2	10	230	<0.5	<2	0.10	<0.5	7	34	15	3.07	<10	0.06	10	0.75	250	<1	0.01	17	260	18	<10	9	0.05	<10	<10	60	<10	110
88668	CS	3.02	0.4	10	200	<0.5	<2	0.11	<0.5	11	41	24	3.95	<10	0.06	10	1.27	421	<1	0.01	27	340	22	<10	8	0.08	<10	<10	71	<10	184
88669	CS	1.86	0.2	10	180	<0.5	<2	0.22	<0.5	10	26	32	2.88	<10	0.07	10	0.67	324	<1	0.01	16	180	8	<10	13	0.07	<10	<10	55	<10	44
88670	CS	2.25	0.2	10	270	<0.5	<2	0.22	<0.5	12	35	19	3.28	<10	0.07	10	1.38	622	<1	0.01	21	450	16	<10	10	0.03	<10	<10	58	<10	74
88671	CS	2.85	0.2	10	270	<0.5	<2	0.20	<0.5	20	25	21	3.61	<10	0.05	10	0.91	736	<1	0.01	21	190	12	<10	14	0.09	<10	<10	81	<10	70
88672	CS	2.05	0.2	10	290	<0.5	<2	0.34	<0.5	9	24	18	2.79	<10	0.04	10	0.61	321	1	0.01	17	150	10	<10	16	0.07	<10	<10	61	<10	48
88673	CS	1.69	0.2	10	140	<0.5	<2	0.24	<0.5	7	18	12	2.64	<10	0.03	10	0.64	250	<1	0.01	8	150	8	<10	13	0.09	<10	<10	65	<10	38
88674	CS	2.71	0.2	10	210	<0.5	<2	0.27	<0.5	16	29	45	4.18	<10	0.04	10	1.18	462	<1	0.01	20	200	14	<10	12	0.04	<10	<10	68	<10	60
88675	CS	1.83	0.2	20	230	<0.5	<2	0.27	<0.5	11	31	25	3.57	<10	0.04	<10	0.92	361	<1	<0.01	22	700	10	<10	7	<0.01	<10	<10	42	<10	72
88676	CS	1.65	0.2	10	230	<0.5	<2	0.28	<0.5	28	15	2.47	<10	0.06	10	0.58	246	<1	0.01	15	220	10	<10	17	0.06	<10	<10	52	<10	52	
88677	CS	1.66	0.2	10	290	<0.5	<2	0.34	<0.5	6	28	10	2.19	<10	0.06	20	0.47	177	<1	0.01	13	280	10	<10	16	0.07	<10	<10	50	<10	46
88678	CS	1.21	0.2	10	190	<0.5	<2	0.21	<0.5	5	19	12	2.07	<10	0.09	10	0.38	169	<1	0.01	11	260	10	<10	16	0.08	<10	<10	43	<10	50
88679	CS	1.74	0.2	10	100	<0.5	<2	0.20	<0.5	8	26	22	3.18	<10	0.04	10	0.79	323	<1	<0.01	18	320	10	<10	11	0.12	<10	<10	52	<10	66
88680	CS	2.22	0.2	<10	160	<0.5	<2	0.15	<0.5	12	25	28	3.23	<10	0.03	10	0.96	315	<1	0.01	16	250	10	<10	9	0.03	<10	<10	60	<10	54
88681	CS	3.27	0.2	10	170	<0.5	<2	0.18	<0.5	25	57	52	4.64	<10	0.01	10	2.25	671	<1	<0.01	38	170	10	<10	8	0.03	<10	<10	80	<10	84
88682 470 1100	CS	1.82	0.2	10	290	<0.5	<2	0.77	<0.5	14	30	44	3.17	<10	0.03	10	0.82	606	<1	0.01	24	510	10	<10	19	0.04	<10	<10	51	<10	64
88683	CS	1.95	0.2	10	250	<0.5	<2	0.15	<0.5	11	46	22	2.85	<10	0.03	10	0.60	692	<1	0.01	23	240	10	<10	11	0.09	<10	<10	56	<10	50
88684	CS	2.25	0.2	30	160	<0.5	<2	0.14	<0.5	10	28	29	3.20	<10	0.03	10	1.01	373	<1	<0.01	18	420	34	<10	8	0.04	<10	<10	62	<10	80
88685 300	CS	2.06	0.2	20	180	<0.5	<2	0.09	<0.5	7	29	32	3.13	<10	0.03	10	0.71	368	<1	0.01	20	360	26	<10	9	0.05	<10	<10	60	<10	212
88686 300	CS	2.13	0.2	10	330	<0.5	<2	0.45	<0.5	10	27	23	3.33	<10	0.05	10	0.51	392	<1	0.01	17	230	10	<10	14	0.03	<10	<10	56	<10	84
88687 400	CS	2.49	0.2	10	250	<0.5	<2	0.20	<0.5	16	37	23	3.35	<10	0.06	10	1.01	618	<1	0.01	23	250	22	<10	12	0.06	<10	<10	65	<10	128
88688 500	CS	1.90	0.2	10	230	<0.5	<2	0.22	<0.5	9	38	19	2.54	<10	0.05	10	0.60	305	<1	0.01	20	120	10	<10	16	0.10	<10	<10	53	<10	46
88689 600	CS	1.96	0.2	10	220	<0.5	<2	0.19	<0.5	9	39	25	2.94	<10	0.07	10	0.70	272	<1	0.01	24	160	12	<10	15	0.08	<10	<10	53	<10	62
88690 700	CS	1.82	0.2	10	210	<0.5	<2	0.30	<0.5	8	30	20	2.68	<10	0.06	10	0.64	345	<1	0.01	18	190	10	<10	18	0.11	<10	<10	57	<10	48
88691 800	CS	1.51	0.2	10	280	<0.5	<2	0.29	<0.5	7	22	20	2.38	<10	0.06	10	0.56	213	<1	0.01	14	270	8	<10	17	0.07	<10	<10	56	<10	44
88692 900	CS	1.91	0.2	10	270	<0.5	<2	0.34	<0.5	9	27	23	3.00	<10	0.04	10	0.84	353	<1	0.01	17	390	12	<10	17	0.05	<10	<10	54	<10	60
88693 1000	CS	1.64	0.2	10	350	<0.5	<2	0.33	<0.5	7	32	16	2.45	<10	0.06	20	0.49	241	<1	0.01	18	380	8	<10	21	0.08	<10	<10	52	<10	50
88694 1100	CS	2.40	0.2	10	530	<0.5	<2	0.43	<0.5	14	39	31	3.46	<10	0.09	20	0.80	1138	<1	0.01	25	390	14	<10	27	0.07	<10	<10	68	<10	78
88695 1200	CS	2.04	0.2	10	310	<0.5	<2	0.41	<0.5	11	34	24	3.02	<10	0.04	10	0.84	470	<1	0.01	20	400	10	<10	19	0.05	<10	<10	68	<10	58

Certified by Hank Buchler...

091721



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Semi quantitative multi element ICP analysis

CERTIFICATE OF ANALYSIS

TO : UNITED KENO HILL MINES LIMITED

CERT. # : A8615048-005-A
INVOICE # : I8615048
DATE : 5-AUG-86
P.O. # : RIJ
RIJ

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, U and V can only be considered as semi-quantitative.

COMMENTS :

Sample description	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn		
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
88696 3650	1500	1	CS	1.74	0.2	20	190	<0.5	<2	0.11	<0.5	7	29	25	2.89	<10	0.03	20	0.42	203	<1	0.01	23	190	14	<10	10	0.05	<10	<10	53	<10	56
88697	1600	1	CS	1.37	0.2	10	260	<0.5	<2	0.21	<0.5	7	25	21	2.25	<10	0.05	20	0.40	211	<1	0.01	19	360	10	<10	15	0.06	<10	<10	40	<10	50
88698	1700	1	CS	1.27	0.2	10	250	<0.5	<2	0.22	<0.5	6	26	16	2.27	<10	0.05	10	0.41	206	<1	0.01	18	560	10	<10	14	0.05	<10	<10	41	<10	50
88699	1800	3	CS	1.43	0.2	10	410	<0.5	<2	0.29	<0.5	7	29	17	2.27	<10	0.05	30	0.43	209	<1	0.01	18	390	10	<10	19	0.05	<10	<10	44	<10	48
88700 3650	1500	1	CS	1.54	0.2	10	310	<0.5	<2	0.25	<0.5	5	29	12	2.17	<10	0.05	10	0.40	139	<1	0.01	15	540	10	<10	16	0.05	<10	<10	47	<10	44
88701 3650	1300	4	CS	1.60	0.2	10	310	<0.5	<2	0.33	<0.5	10	30	12	2.43	<10	0.12	10	0.42	370	<1	0.01	21	600	10	<10	25	0.07	<10	<10	51	<10	50
88702 3650	1200	2	CS	1.50	1.2	10	410	<0.5	<2	0.44	<0.5	11	36	44	2.76	10	0.16	60	0.47	910	1	0.01	52	1000	18	<10	23	0.03	10	<10	43	<10	88
88703 3650	1100	1	CS	1.46	0.2	10	520	<0.5	<2	0.35	<0.5	9	30	19	2.47	<10	0.12	10	0.44	469	<1	0.01	26	500	10	<10	21	0.04	<10	<10	48	<10	62
88704 3650	1000	18	CS	1.20	0.2	10	260	<0.5	<2	0.31	<0.5	11	22	27	2.22	10	0.05	20	0.51	556	<1	0.01	22	330	10	<10	26	0.02	<10	<10	33	<10	52
88705 3650	900	1	CS	1.99	0.2	10	300	<0.5	<2	0.31	<0.5	11	29	12	2.85	<10	0.14	10	0.63	527	<1	0.01	19	180	10	<10	18	0.07	<10	<10	55	<10	46
88706 3650	800	6	CS	1.71	0.2	10	250	<0.5	<2	0.39	<0.5	11	21	15	2.67	<10	0.16	10	0.59	1025	<1	0.01	16	380	12	<10	17	0.04	<10	<10	45	<10	24
88707 3650	700	1	CS	1.42	0.2	10	210	<0.5	<2	0.44	<0.5	8	27	18	2.42	<10	0.13	10	0.53	423	<1	0.01	16	230	8	<10	18	0.07	<10	<10	45	<10	40
88708 3650	600	1	CS	3.04	0.2	10	240	<0.5	2	0.53	<0.5	21	207	29	3.84	10	0.06	10	2.19	605	<1	0.01	89	280	12	<10	18	0.05	<10	<10	75	<10	70
88709 3650	400	1	CS	2.47	0.2	10	280	<0.5	<2	0.41	<0.5	15	64	20	3.44	<10	0.06	10	1.12	656	<1	0.01	30	130	10	<10	17	0.09	<10	<10	76	<10	58
88710	300	1	CS	2.27	0.2	10	120	<0.5	2	0.69	<0.5	30	15	28	3.63	<10	0.06	10	1.55	434	<1	0.01	13	190	10	<10	34	0.15	<10	<10	88	<10	64
88711	200	1	CS	1.79	0.2	10	320	<0.5	<2	0.48	<0.5	11	29	11	2.72	<10	0.11	10	0.57	554	<1	0.01	13	230	10	<10	19	0.12	<10	<10	60	<10	50
88712	100	1	CS	2.09	0.2	10	320	<0.5	<2	0.41	<0.5	10	66	11	2.71	<10	0.06	10	0.59	340	<1	0.01	23	180	9	<10	17	0.06	<10	<10	72	<10	48
88713 3650	0	8	CS	2.17	0.2	10	300	<0.5	<2	0.15	<0.5	10	37	16	3.13	<10	0.06	10	0.92	405	<1	0.01	20	200	24	<10	8	0.05	<10	<10	56	<10	118
88715	0	100	CS	1.53	0.2	10	260	<0.5	<2	0.67	<0.5	10	28	24	2.81	<10	0.03	20	0.68	382	<1	0.01	20	760	12	<10	22	0.04	<10	<10	44	<10	72
88727	200	2	CS	1.37	0.2	10	150	<0.5	<2	0.37	<0.5	9	25	15	2.73	<10	0.02	10	0.65	302	<1	0.01	17	620	10	<10	12	0.03	<10	<10	38	<10	66
88728	300	1	CS	1.64	0.2	10	250	<0.5	<2	0.36	<0.5	8	27	24	3.11	<10	0.02	10	0.70	316	<1	0.01	25	620	6	<10	11	0.03	<10	<10	47	<10	72
88729	400	1	CS	1.37	0.2	<10	210	<0.5	<2	0.26	<0.5	4	30	8	1.97	<10	0.02	10	0.41	128	<1	0.01	11	200	8	<10	11	0.06	<10	<10	43	<10	36
88730	500	2	CS	2.06	0.2	10	340	<0.5	<2	0.63	<0.5	10	36	51	3.21	<10	0.03	20	0.95	417	<1	0.01	24	690	6	<10	14	0.01	<10	<10	56	<10	66
88731	600	1	CS	2.51	0.2	10	350	<0.5	<2	0.40	<0.5	16	78	40	3.79	<10	0.02	10	1.35	661	<1	0.01	39	380	6	<10	13	0.03	<10	<10	70	<10	66
88732	700	6	CS	2.44	0.2	<10	370	<0.5	<2	0.59	<0.5	13	45	44	3.67	<10	0.03	10	1.25	510	<1	0.01	25	330	6	<10	19	0.03	<10	<10	67	<10	76
88733	800	3	CS	2.18	0.2	10	370	<0.5	<2	1.21	<0.5	12	52	49	3.49	10	0.03	20	1.13	878	<1	0.01	30	580	6	<10	33	0.03	<10	<10	59	<10	78
88734	900	5	CS	1.58	0.2	10	330	<0.5	<2	0.75	<0.5	18	29	21	2.97	<10	0.03	20	0.64	1412	1	0.01	19	760	8	<10	40	0.05	<10	<10	55	<10	60
88736	1000	15	CS	1.29	0.2	<10	170	<0.5	<2	0.39	<0.5	5	16	15	2.98	<10	0.02	10	0.55	203	<1	0.01	12	650	4	<10	19	0.05	<10	<10	39	<10	46
88737	1100	1	CS	1.50	0.2	<10	280	<0.5	<2	0.39	<0.5	7	19	16	2.29	<10	0.01	10	0.60	242	<1	0.01	15	670	2	<10	19	0.04	<10	<10	39	<10	50
88738	1300	1	CS	1.53	0.2	<10	260	<0.5	<2	0.37	<0.5	7	21	15	2.54	<10	0.03	10	0.62	262	<1	0.01	14	590	6	<10	19	0.05	<10	<10	43	<10	58
88739	1400	4	CS	1.14	0.2	10	380	<0.5	<2	0.51	<0.5	7	22	16	2.23	<10	0.03	20	0.45	329	<1	0.01	18	670	2	<10	25	0.06	<10	<10	43	<10	52
88740	1500	5	CS	1.29	0.2	10	360	<0.5	<2	0.73	<0.5	9	26	20	2.54	<10	0.05	20	0.54	420	<1	0.02	21	770	6	<10	31	0.06	<10	<10	48	<10	66
88741	1600	7	10	1.34	0.2	<10	170	<0.5	<2	0.27	<0.5	8	24	20	2.54	<10	0.04	20	0.43	289	<1	0.01	19	760	8	<10	15	0.05	<10	<10	44	<10	64
88742	1700	6	10	1.54	0.2	10	250	<0.5	<2	0.34	<0.5	25	27	28	2.84	<10	0.05	20	0.47	1074	1	0.01	22	940	12	<10	21	0.05	<10	<10	52	<10	66
88743	1800	2	CS	1.79	0.2	<10	250	<0.5	<2	0.14	<0.5	8	28	29	2.36	<10	0.04	20	0.53	292	<1	0.01	27	600	6	<10	10	0.03	<10	<10	48	<10	86
88744	1900	3	CS	2.13	0.2	10	270	<0.5	<2	0.19	<0.5	11	34	23	3.29	<10	0.05	20	0.49	358	1	0.01	35	610	10	<10	14	0.07	<10	<10	56	<10	68
88745	2000	1	CS	1.75	0.2	<10	250	<0.5	<2	0.13	<0.5	6	30	16	2.77	<10	0.03	10	0.40	172	1	0.01	18	280	8	<10	12	0.07	<10	<10	56	<10	54
88746	2100	1	CS	2.10	1.2	10	430	<0.5	<3	0.19	<0.5	10	35	17	3.28	<10	0.05	10	0.45	282	1	0.01	27	1310	12	<10	14	0.07	<10	<10	70	<10	180
88747	2200	1	CS	2.36	1.4	10	300	<0.5	<2	0.18	<0.5	13	42	22	3.54	<10	0.08	20	0.53	378	1	0.01	40	1340	10	<10	12	0.07	<10	<10	72	<10	132
88748	2300	1	CS	2.54	1.4	10	290	<0.5	<2	0.16	<0.5	14	40	17	3.41	<10	0.08	10	0.51	263	<1	0.01	4										



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Semi quantitative multi element ICP analysis

CERTIFICATE OF ANALYSIS

TO : UNITED KENO HILL MINES LIMITED

109 BLACK ST.
WHITEHORSE, YUKON
Y1A 2H2

CERT. # : AB615049-001-A
INVOICE # : IB615049
DATE : 5-AUG-86
P.O. # : NONE
RIJ

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

RIJ

Sample Description	Au	Ag	As	Ba	Be	Bi	Ca	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn			
ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb				
98749 2400 1400	1	5	2.27	1.0	<10	300	<0.5	<2	0.16	<0.5	11	39	26	3.15	<10	0.05	10	0.46	303	1	0.01	40	490	16	<10	14	0.08	<10	<10	59	<10	89
98750 2500	380	305	1.11	0.6	<10	220	<0.5	<2	0.16	<0.5	4	22	20	2.30	<10	0.09	30	0.39	262	2	0.01	24	1080	16	<10	12	0.03	<10	<10	40	<10	104
98751 2600	1	5	1.28	1.2	<10	190	<0.5	<2	0.22	<0.5	8	21	20	2.76	<10	0.04	10	1.47	191	1	0.21	25	300	12	10	14	0.06	<10	<10	47	<10	72
98752 2700	2	5	1.29	0.2	10	260	<0.5	<2	0.30	<0.5	9	25	11	2.22	<10	0.04	10	0.41	325	1	0.01	18	590	10	10	19	0.06	<10	<10	42	<10	66
98753 2800	1	5	1.47	0.2	10	460	<0.5	<2	0.26	<0.5	10	25	17	2.35	<10	0.02	20	0.43	498	1	0.02	22	550	10	10	22	0.06	<10	<10	44	<10	54
98755 2900	4	5	1.92	1.6	<10	360	<0.5	<2	0.21	<0.5	8	26	49	2.94	<10	0.06	20	0.29	178	2	0.02	38	630	16	<10	18	0.04	<10	<10	43	<10	74
98756 3000	1	5	1.67	0.2	10	190	<0.5	<2	0.16	<0.5	7	28	17	2.82	<10	0.04	10	0.43	188	1	0.01	22	390	14	<10	11	0.05	<10	<10	44	<10	60
98757 3100	1	5	2.19	0.4	<10	300	<0.5	<2	0.18	<0.5	9	39	14	3.47	<10	0.04	10	0.42	246	<1	0.01	27	360	12	<10	12	0.09	<10	<10	67	<10	60
98758 3200	1	5	2.29	1.4	10	220	<0.5	<2	0.20	<0.5	10	29	40	2.98	<10	0.02	20	0.22	269	1	0.01	48	240	16	10	5	0.02	<10	<10	59	<10	89
98759 3300	1	5	2.16	0.8	10	210	<0.5	<2	0.16	<0.5	8	24	10	2.72	<10	0.06	10	0.47	311	<1	0.01	26	1260	16	<10	11	0.06	<10	<10	62	<10	110
98760 3400	1	5	2.32	0.6	10	270	<0.5	<2	0.18	<0.5	10	41	25	2.55	<10	0.09	10	0.52	355	1	0.01	38	420	16	10	11	0.07	<10	<10	53	<10	120
98761 3500	1	5	1.56	0.6	10	590	<0.5	<2	0.36	<0.5	19	28	5	2.91	<10	0.12	10	0.40	1974	<1	0.01	24	1660	14	<10	24	0.07	<10	<10	53	<10	120
98762 3600	1	5	1.43	0.4	20	350	<0.5	<2	0.22	<0.5	7	29	17	3.18	<10	0.11	20	0.33	157	1	0.01	24	1210	16	<10	16	0.03	<10	<10	45	<10	68
98763 3700	2	5	2.17	1.4	10	310	<0.5	<2	0.22	<0.5	9	36	15	3.21	<10	0.07	20	0.42	389	1	0.01	34	750	14	<10	14	0.08	<10	<10	64	<10	69
98764 3800	1	5	2.27	1.4	10	450	<0.5	<2	0.25	<0.5	11	42	12	2.40	<10	0.08	20	0.52	1365	1	0.01	33	1490	12	<10	14	0.05	<10	<10	50	<10	92
98765 4000	2	5	1.29	1.8	10	1090	<0.5	<2	0.25	<0.5	10	25	19	2.75	<10	0.11	20	0.25	1595	<1	0.01	26	550	12	10	18	0.03	<10	<10	42	<10	62
98766 4100	2	5	1.25	1.2	20	530	<0.5	<2	0.26	<0.5	10	25	32	3.22	<10	0.08	20	0.47	561	1	0.01	39	350	14	<10	19	0.04	<10	<10	49	<10	75
98767 4200	1	5	1.80	0.2	10	640	<0.5	<2	0.43	<0.5	12	35	18	3.43	<10	0.10	10	0.75	947	1	0.01	32	820	16	<10	18	0.02	<10	<10	50	<10	88
98768 4300	1	5	1.91	0.4	10	740	<0.5	<2	0.27	<0.5	13	34	11	2.95	<10	0.05	10	0.47	637	1	0.01	32	580	14	<10	15	0.06	<10	<10	54	<10	72
98769 4400	1	5	1.87	0.8	10	630	<0.5	<2	0.33	<0.5	13	38	20	3.00	<10	0.10	10	0.59	623	1	0.01	35	450	12	<10	16	0.05	<10	<10	50	<10	66
98770 4500	1	5	2.20	1.2	10	460	<0.5	<2	0.29	<0.5	15	29	17	5.10	<10	0.05	10	0.22	681	1	0.01	32	480	12	<10	10	0.02	<10	<10	73	<10	153
98771 4600	1	5	1.79	0.2	20	550	<0.5	<2	0.24	<0.5	10	41	31	3.09	<10	0.05	10	0.66	293	2	0.01	39	610	12	<10	13	0.05	<10	<10	58	<10	68
98772 4700	1	5	1.52	0.2	10	570	<0.5	<2	0.22	<0.5	10	35	14	2.54	<10	0.06	20	0.47	414	1	0.01	27	270	10	10	22	0.09	<10	<10	54	<10	82
98773 4800	2	5	2.18	0.2	10	550	<0.5	<2	0.27	<0.5	15	42	16	3.06	<10	0.07	10	0.57	629	1	0.01	31	330	12	<10	19	0.08	<10	<10	63	<10	66
98774 4900	11	10	2.17	0.6	10	640	<0.5	<2	0.50	<0.5	15	44	25	3.39	<10	0.07	10	0.73	977	1	0.01	38	810	16	<10	26	0.05	<10	<10	58	<10	98
98775 5000 1400	42	30	2.34	1.6	30	230	<0.5	<2	0.51	<0.5	18	53	180	4.65	<10	0.10	40	1.14	718	2	0.01	63	1160	120	<10	16	0.06	<10	<10	54	<10	370
98776 1200 500	10	5	2.21	0.2	10	350	<0.5	<2	0.26	<0.5	12	32	27	3.20	<10	0.04	10	0.79	536	<1	0.01	24	220	12	<10	19	0.08	<10	<10	57	<10	60
98777 1000	1	5	2.64	0.2	10	140	<0.5	<2	0.14	<0.5	20	23	25	6.22	<10	0.02	10	1.78	695	<1	0.01	14	190	10	<10	9	0.04	<10	<10	115	<10	92
98778 1500	1	5	2.28	0.2	10	300	<0.5	<2	0.24	<0.5	15	47	13	4.40	<10	0.05	10	0.67	387	<1	0.01	26	270	10	<10	16	0.13	<10	<10	28	<10	72
98779 1600 500	1	5	2.21	0.2	10	180	<0.5	<2	0.31	<0.5	10	24	16	3.24	<10	0.05	10	0.95	300	<1	0.01	17	160	12	<10	15	0.08	<10	<10	58	<10	54
98780 1700 500	1	5	1.41	0.2	10	210	<0.5	<2	0.22	<0.5	5	16	12	2.34	<10	0.06	<10	0.51	255	<1	0.01	10	190	8	<10	9	0.08	<10	<10	42	<10	74
98781 1800 500	1	5	2.22	0.2	10	210	<0.5	<2	0.39	<0.5	15	35	30	3.66	<10	0.04	10	1.19	527	<1	0.01	26	510	16	<10	11	0.04	<10	<10	48	<10	76
98782 1900	2	5	2.15	1.2	10	240	<0.5	<2	0.51	<0.5	12	31	24	3.53	<10	0.02	10	1.06	471	<1	0.01	23	470	10	10	14	0.05	<10	<10	55	<10	66
98783 2000	2	5	1.29	0.2	10	250	<0.5	<2	1.23	<0.5	9	29	15	2.42	<10	0.03	10	0.55	483	<1	0.02	20	750	10	<10	28	0.06	<10	<10	42	<10	52
98784 2100	2	55	1.79	0.2	10	280	<0.5	<2	0.27	<0.5	10	25	21	2.27	<10	0.05	20	0.64	342	<1	0.02	25	590	10	<10	20	0.08	<10	<10	53	<10	62
98785 2200	3	5	2.51	0.2	10	200	<0.5	<2	0.82	<0.5	19	28	60	4.40	<10	0.05	10	1.19	876	<1	0.01	24	680	10	<10	20	0.04	<10	<10	63	<10	80
98786 2300	3	5	2.12	0.2	<10	250	<0.5	<2	0.89	<0.5	12	41	28	3.28	<10	0.03	10	0.92	467	<1	0.02	23	380	8	<10	25	0.06	<10	<10	59	<10	64
98787 2400	1	5	4.02	0.2	<10	250	<0.5	<2	0.50	<0.5	28	350	54	5.56	<10	0.01	10	2.95	831	<1	0.01	132	410	8	<10	16	0.08	<10	<10	96	<10	94
98788 2500	1	5	2.11	1.2	10	310	<0.5	<2	0.40	<0.5	11	35	19	3.12	<10	0.05	10	0.72	270	<1	0.01	23	170	10	<10	19	0.14	<10	<10	55	<10	60
98789 2600 500	1	5	1.93	0.2	<10	220	<0.5	<2	0.28	<0.5	10	50	17	3.11	<10	0.05	10	0.94	291	<1	0.01	29	210	10	10	15	0.07	<10	<10	51	<10	62



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Semi quantitative multi element ICP analysis

CERTIFICATE OF ANALYSIS

TO : UNITED KING HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
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CERT. # : AB615049-002-A
INVOICE # : I3615049
DATE : 5-AUG-86
P.O. # : NONE
RIJ

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, U and V can only be considered as semi-quantitative.

COMMENTS :

Sample Description	Au	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Nb	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn		
ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
88800	500	<5	1.73	0.2	10	270	<0.5	2	2.17	<0.5	13	108	31	2.50	<10	<0.01	10	1.14	638	<1	0.02	48	640	9	<10	44	0.03	<10	<10	44	<10	54
88801	500	<5	2.23	0.2	10	170	<0.5	<2	0.22	<0.5	10	41	18	3.29	<10	0.05	10	0.84	284	<1	0.01	24	190	22	<10	11	0.08	<10	<10	59	<10	74
88802	500	5	1.23	0.2	10	250	<0.5	2	1.22	<0.5	11	31	21	3.27	10	0.04	20	0.82	255	1	0.21	22	550	12	10	16	1.37	10	10	51	10	72
88803	500	5	1.58	0.2	10	290	<0.5	2	0.29	<0.5	7	21	17	2.59	10	0.04	10	0.48	232	<1	0.01	19	420	12	<10	17	0.38	<10	<10	47	<10	49
88804	500	5	1.24	0.2	10	220	<0.5	2	1.24	<0.5	11	28	24	3.29	10	0.07	10	0.82	272	1	0.01	24	120	14	10	17	1.10	<10	<10	61	<10	56
88805	500	2	1.5	0.2	10	250	<0.5	<2	0.17	<0.5	10	43	26	3.86	<10	0.07	10	0.85	293	<1	0.01	30	210	14	<10	11	0.06	<10	<10	66	<10	74
88806	500	1	2.5	0.2	<10	190	<0.5	<2	0.16	<0.5	9	34	13	3.36	<10	0.04	10	0.59	335	1	0.01	17	190	14	<10	11	0.09	<10	<10	73	<10	48
88807	500	<1	2.81	0.2	<10	330	<0.5	<2	0.45	<0.5	20	191	20	3.92	<10	0.02	10	1.67	540	<1	0.01	67	220	16	<10	15	0.05	<10	<10	86	<10	64
88808	500	5	2.19	0.2	10	120	<0.5	2	1.42	<0.5	15	24	14	4.21	10	0.02	10	1.25	497	<1	0.21	14	190	12	10	16	1.35	<10	<10	57	<10	72
88810	500	5	1.49	0.2	10	100	<0.5	2	0.10	<0.5	5	22	22	2.57	10	0.02	10	0.42	192	1	0.01	21	520	10	10	9	0.04	<10	<10	29	<10	54
88812	500	5	1.79	0.2	20	220	<0.5	2	1.11	<0.5	3	42	29	3.46	10	0.04	20	1.52	223	1	0.01	37	490	15	10	12	1.24	10	10	54	<10	100
88814	500	10	1.71	0.2	10	220	<0.5	<2	0.13	<0.5	7	30	31	3.25	<10	0.06	10	0.58	293	1	0.01	29	560	10	<10	8	0.02	<10	<10	36	<10	64
88815	500	<5	1.77	0.2	20	270	<0.5	<2	0.22	<0.5	12	42	45	3.29	<10	0.04	20	0.79	335	2	0.01	46	780	20	<10	13	0.02	<10	<10	44	<10	130
88816	500	<5	1.72	0.2	10	320	<0.5	<2	0.17	<0.5	6	33	26	2.79	<10	0.04	10	0.54	192	1	0.01	31	550	14	<10	11	0.04	<10	<10	56	<10	110
88817	500	5	1.12	0.2	10	220	<0.5	2	1.51	<0.5	7	22	19	1.92	10	0.04	10	1.32	481	1	0.01	12	650	10	10	25	0.05	<10	<10	13	10	46
88818	500	5	1.17	0.2	10	320	<0.5	2	0.55	<0.5	21	24	19	2.47	10	0.04	20	0.25	1896	2	0.01	21	870	10	10	23	0.05	<10	<10	39	<10	56
88819	500	5	1.29	0.2	10	280	<0.5	2	1.58	<0.5	3	30	19	2.41	10	0.05	20	0.45	332	1	0.02	19	520	12	10	29	0.38	10	10	48	10	59
88820	500	5	1.18	0.2	<10	340	<0.5	<2	0.53	<0.5	7	25	20	1.87	<10	0.04	20	0.39	243	<1	0.01	21	790	10	<10	26	0.05	<10	<10	35	<10	58
88821	500	<5	1.58	0.2	20	420	<0.5	<2	0.29	<0.5	9	32	32	2.67	<10	0.04	20	0.51	345	<1	0.01	33	720	12	<10	21	0.05	<10	<10	41	<10	78
88822	500	<5	1.43	0.2	10	310	<0.5	<2	0.31	<0.5	8	28	23	2.46	<10	0.04	20	0.48	335	<1	0.01	19	420	10	<10	21	0.08	<10	<10	43	<10	48
88823	500	5	2.20	0.2	10	220	<0.5	2	0.11	<0.5	13	20	21	2.11	10	0.02	10	0.59	229	1	0.01	22	290	12	10	11	1.35	<10	10	47	<10	56
88824	500	5	2.06	0.4	10	240	<0.5	2	0.12	<0.5	9	22	15	2.24	<10	0.03	10	0.41	223	<1	0.01	18	590	12	10	9	0.07	<10	<10	59	<10	50
88825	500	5	1.75	0.2	10	190	<0.5	2	1.12	<0.5	9	25	22	2.47	10	0.02	10	0.72	262	1	0.01	16	160	9	<10	9	0.36	<10	<10	42	10	42
88826	500	<5	1.57	0.4	<10	320	<0.5	<2	0.23	<0.5	7	13	16	2.35	<10	0.05	<10	0.74	273	<1	<0.01	12	360	8	<10	12	0.03	<10	<10	32	<10	42
88827	500	<5	2.04	0.2	<10	390	<0.5	<2	0.31	<0.5	9	15	28	3.08	<10	0.03	<10	1.09	435	<1	<0.01	15	470	8	<10	9	0.01	<10	<10	31	<10	56
88828	500	<5	1.88	0.6	<10	360	<0.5	<2	0.30	<0.5	9	21	19	3.09	<10	0.04	10	0.85	363	<1	0.01	13	250	10	<10	17	0.03	<10	<10	44	<10	52
88829	500	5	2.56	0.4	10	170	<0.5	<2	0.45	<0.5	19	28	51	4.50	<10	0.02	10	1.44	624	1	0.01	25	250	12	10	16	0.94	<10	<10	68	<10	82
88830	500	5	2.35	0.2	10	270	<0.5	2	0.27	<0.5	9	25	17	2.90	<10	0.04	10	0.64	240	<1	0.01	20	140	14	10	15	0.11	<10	<10	54	<10	50
88831	500	5	2.16	0.2	10	320	<0.5	2	0.22	<0.5	10	28	17	3.99	<10	0.07	10	0.51	261	1	0.01	24	240	14	<10	15	0.08	<10	<10	57	<10	58
88832	500	<5	2.18	0.2	10	300	<0.5	<2	0.21	<0.5	10	41	21	3.18	<10	0.05	10	0.61	244	<1	0.01	26	120	16	<10	13	0.08	<10	<10	52	<10	62
88833	500	<2	2.93	0.2	<10	190	<0.5	<2	0.29	<0.5	24	207	40	4.19	<10	<0.01	10	2.32	637	<1	<0.01	79	330	10	<10	9	0.04	<10	<10	82	<10	78
88834	500	10	2.13	0.2	<10	420	<0.5	<2	0.37	<0.5	14	33	23	3.66	<10	0.10	10	0.76	832	<1	0.01	20	240	14	<10	15	0.05	<10	<10	58	<10	92
88835	500	5	1.30	0.2	10	170	<0.5	2	1.97	<0.5	8	27	17	2.15	<10	0.02	10	0.77	368	1	0.01	19	580	8	<10	22	0.93	10	10	34	<10	52
88836	500	5	2.29	0.2	10	360	<0.5	<2	0.40	<0.5	14	36	40	4.29	10	0.02	10	1.12	552	1	0.01	24	360	14	<10	13	0.34	<10	<10	90	10	79
88837	500	5	2.76	0.2	10	170	<0.5	2	0.42	<0.5	19	40	29	4.27	<10	0.02	10	1.44	479	<1	0.01	22	300	10	10	17	0.12	<10	<10	83	<10	72
88838	500	<5	1.50	0.2	10	190	<0.5	2	0.52	<0.5	11	30	28	2.90	<10	0.03	10	0.76	334	<1	0.01	20	670	10	<10	18	0.05	<10	<10	53	<10	58
88839	500	<5	1.20	0.2	10	400	<0.5	<2	0.90	<0.5	7	29	17	2.16	<10	0.03	10	0.45	284	<1	0.01	19	500	10	<10	26	0.05	<10	<10	34	<10	56
88840	500	<5	0.53	0.2	10	450	<0.5	<2	2.44	<0.5	5	11	16	0.88	<10	<0.01	<10	0.26	444	<1	0.03	13	740	6	<10	67	0.01	<10	<10	15	<10	68
88841	500	5	1.91	0.2	10	170	<0.5	<2	0.17	<0.5	7	33	31	3.31	<10	0.05	20	0.52	121	1	0.01	34	570	14	<10	10	0.04	<10	<10	48	<10	74
88842	500	5	2.10	0.2	10	160	<0.5	<2	0.19	<0.5	7	48	49	4.15	<10	0.04	10	0.77	311	1	0.01	40	960	14	<10	7	0.02	<10	<10	41	<10	138

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081721



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CERTIFICATE OF ANALYSIS

TO : UNITED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

CERT. # : A8615049-G03-A
INVOICE # : I2615049
DATE : 5-AUG-86
P.O. # : NONE
RIJ

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Tl, W and V can only be considered as semi-quantitative.

COMMENTS :

Sample Description	Au	As	Al	Ag	Se	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn
	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
88951 2300 1400	<1	<5	2.32	0.8	10	240	<0.5	<2	0.15	<0.5	11	42	24	4.00	<10	0.05	10	0.54	273	1	0.01	33	400	18	<10	11	0.06	<10	<10	59	<10	84
88952 1500	4	<5	1.84	1.6	<10	210	<0.5	<2	0.15	<0.5	9	31	11	2.99	<10	0.04	10	0.38	264	<1	0.01	22	790	12	<10	9	0.06	<10	<10	55	<10	66
88953 13	1	5	2.20	0.2	<10	270	0.5	2	1.25	0.5	16	19	14	2.41	<10	0.06	10	1.05	796	1	0.01	17	210	10	<10	14	0.35	10	<10	61	<10	46
88954 17	1	5	1.53	0.4	<10	210	0.5	2	0.20	0.5	6	21	10	2.12	<10	0.04	10	0.55	256	1	0.01	11	120	10	<10	11	0.07	<10	<10	43	<10	34
88955 11	2	5	1.25	0.2	<10	220	0.5	<2	0.15	0.5	5	16	16	2.27	10	0.05	10	0.30	159	1	0.01	11	160	9	<10	8	0.04	<10	10	32	<10	22
88956 1000	<1	<5	0.96	0.2	<10	230	<0.5	2	0.23	<0.5	3	6	29	2.14	<10	0.06	<10	0.27	228	<1	<0.01	4	580	6	<10	6	<0.01	<10	<10	9	<10	32
88957 9	<1	10	1.23	0.2	<10	310	<0.5	<2	0.25	<0.5	5	19	10	2.09	<10	0.06	10	0.29	246	<1	0.01	10	170	10	<10	11	0.05	<10	<10	33	<10	32
88958 8	<1	<5	1.27	0.2	10	290	<0.5	<2	0.29	<0.5	6	20	15	2.35	<10	0.07	10	0.36	328	<1	0.01	12	350	8	<10	14	0.05	<10	<10	36	<10	36
88959 7	2	5	1.21	0.2	10	230	0.5	<2	0.49	<0.5	9	19	27	2.40	<10	0.04	10	0.49	458	1	0.01	14	720	8	<10	18	0.04	<10	10	20	10	48
88960 6	4	5	1.42	0.2	10	270	0.5	<2	1.05	<0.5	7	18	17	2.74	10	0.05	10	0.56	467	1	0.01	12	480	10	<10	21	0.04	<10	10	30	10	44
88961 400	1	5	1.27	0.2	10	290	0.5	2	1.11	0.5	12	48	24	2.22	<10	0.02	10	0.97	455	1	0.01	25	660	12	<10	25	0.07	10	10	51	10	66
88962 3	4	<5	2.87	0.2	10	320	<0.5	<2	0.55	<0.5	22	122	27	4.08	<10	0.02	<10	2.07	1060	<1	0.01	58	200	14	<10	13	0.08	<10	<10	67	<10	106
88963 2	1	<5	2.31	0.2	<10	280	<0.5	2	0.19	<0.5	12	20	16	3.69	<10	0.03	10	0.85	353	<1	0.01	12	150	12	<10	12	0.07	<10	<10	76	<10	62
88964 100	3	<5	1.65	0.2	10	270	<0.5	2	0.21	<0.5	11	56	25	2.73	<10	0.04	10	0.69	303	<1	0.01	33	290	16	<10	14	0.07	<10	<10	46	<10	60
88965 2300 0	1	15	1.59	0.2	10	210	0.5	2	0.31	0.5	9	31	21	2.65	<10	0.04	10	0.54	220	1	0.01	22	120	16	<10	16	0.36	10	10	47	10	20
88966 2200 600	1	5	1.55	0.4	10	220	0.5	<2	0.15	<0.5	9	26	17	2.26	<10	0.06	<10	0.61	241	1	0.01	17	350	9	<10	9	0.38	<10	10	54	10	33
88967 2110 700	1	5	1.44	0.4	<10	250	0.5	<2	0.26	<0.5	7	22	21	2.76	<10	0.06	10	0.57	241	1	0.01	22	720	10	<10	12	0.03	10	10	42	10	34
88968 2220 800	2	<5	1.54	0.2	<10	250	<0.5	2	0.24	<0.5	8	28	14	2.73	<10	0.05	10	0.55	380	<1	0.01	19	360	12	<10	12	0.04	<10	<10	54	<10	48
88969 2240 900	<1	<5	1.31	0.4	<10	160	<0.5	<2	0.14	<0.5	7	19	16	2.43	<10	0.03	<10	0.43	478	<1	0.01	12	150	8	<10	7	0.06	<10	<10	49	<10	46
88970 2240 1000	<1	<5	2.39	0.2	<10	230	<0.5	2	0.18	<0.5	15	22	31	4.25	<10	0.02	<10	1.36	1044	<1	0.01	20	400	12	<10	7	0.02	<10	<10	77	<10	82
88971 2250 1100	1	<5	1.58	0.4	10	350	0.5	<2	0.22	<0.5	9	20	9	2.49	<10	0.04	10	0.49	1209	<1	0.01	14	200	12	<10	11	0.04	<10	10	45	10	29
88972 2260 1200	10	10	1.31	0.4	10	430	0.5	<2	0.24	<0.5	11	34	26	2.43	10	0.05	20	0.40	496	2	0.01	56	930	40	<10	11	0.01	<10	<10	37	10	98
88973 2270 1300	1	<5	2.48	0.4	10	220	0.5	<2	0.14	0.5	11	41	24	3.80	<10	0.05	10	0.53	352	1	0.01	41	590	14	<10	12	0.07	<10	10	54	<10	70

Certified by

Hart Bickler

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UNITED KENO HILL MINES LIMITED

REFERENCES

McFaul, A.J., 1982. Exploration proposal for the Dawson Area, Internal Report prepared for United Keno Hill Mines Ltd., 7 p.

Mortensen, J.K., 1984. Summary report bedrock geology and soil geochemistry Klondike District, Y.T., Report prepared for United Keno Hill Mines Ltd., 12 p.

CERTIFICATE OF QUALIFICATIONS

I, Dennis R. Prince with business address: of-

United Keno Hill Mines Limited
409 Black Street
Whitehorse, Yukon
Y1A 2N2


and residential address:

13 Koidern Avenue
Whitehorse, Yukon
Y1A 3N7
Tel: 403-667-4720

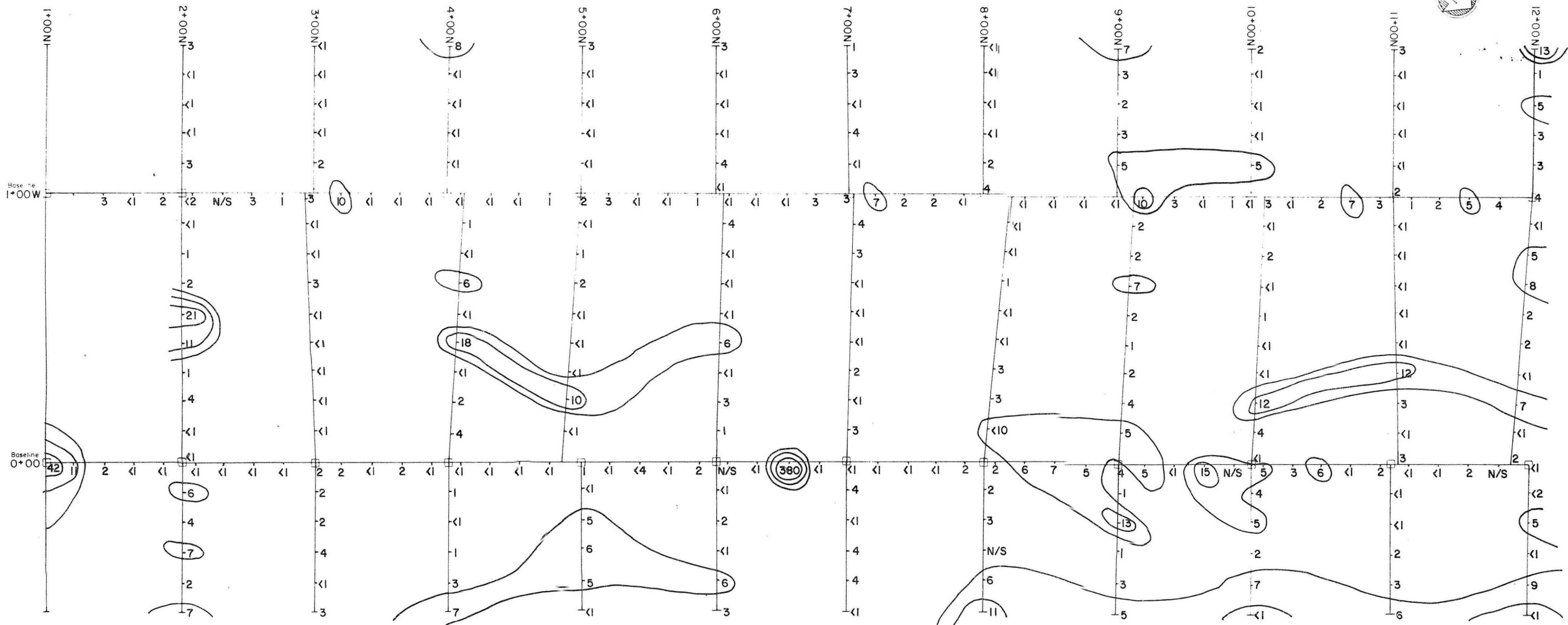
do hereby certify that:

1. I am a practicing geologist.
2. I hold a Bachelor of Science (Honours) Degree (1970) in Geology from Memorial University of Newfoundland.
3. I am a Fellow of the Geological Association of Canada.
4. I am a member of the Professional Geoscientists Society of Yukon.
5. I have been practicing my profession for 16 years. I was employed by Falconbridge Limited as an Exploration Geologist from 1970 to 1981 and am now employed by United Keno Hill Mines Limited in the capacity of Exploration Manager.
6. This report entitled "Geological, Geochemical, Geophysical and Trenching Report on the RIJ Mineral Claims, June to September, 1986, Dawson Area, Dawson Mining District" and dated "October, 1986" is based on work supervised by me as an employee of United Keno Hill Mines Limited.
6. I have not received nor do I expect to receive any interest, either directly or indirectly, in the properties concerned in this report or in United Keno Hill Mines Limited.

Respectfully submitted,


Dennis R. Prince,
B.Sc. (Hon.), F

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EXPLORATION DEPARTMENT
WHITEHORSE - YUKON

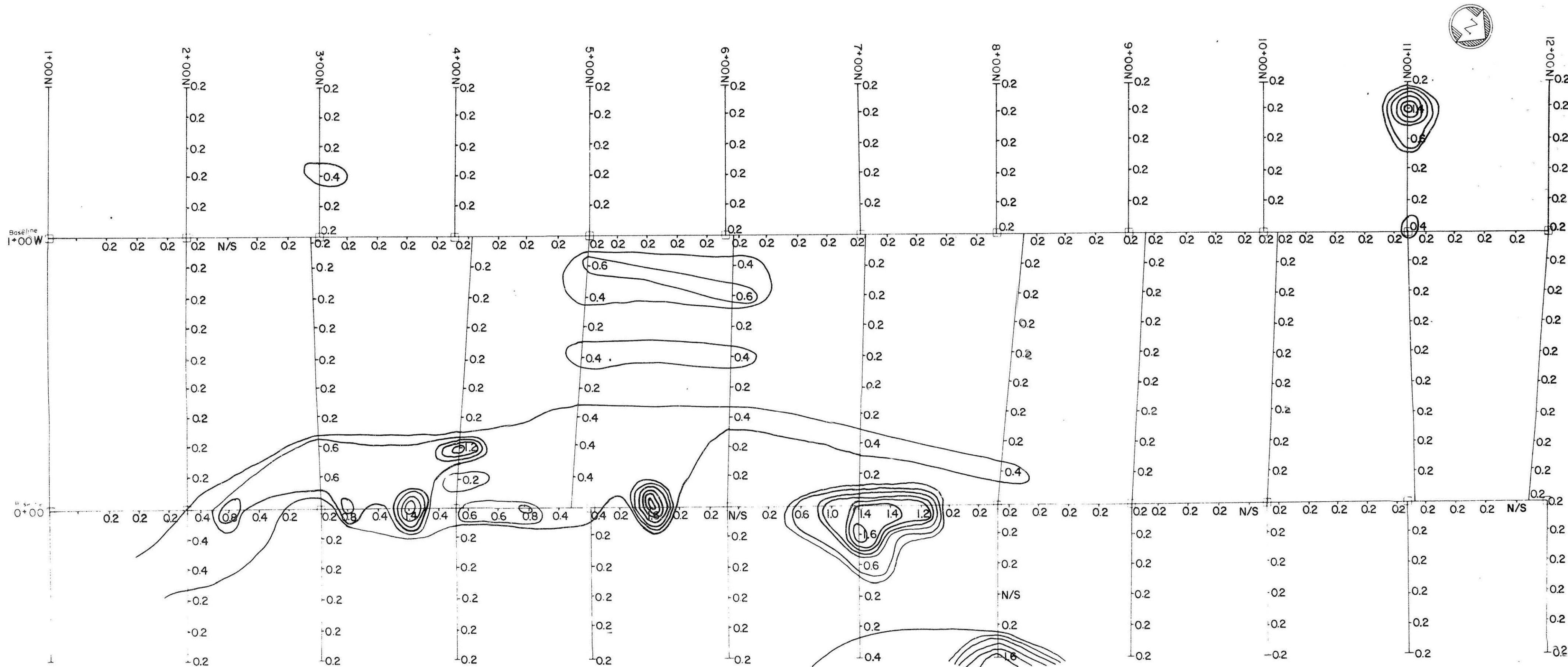
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GOLD GEOCHEMISTRY

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Drawn by HDP

Date 87/05/22

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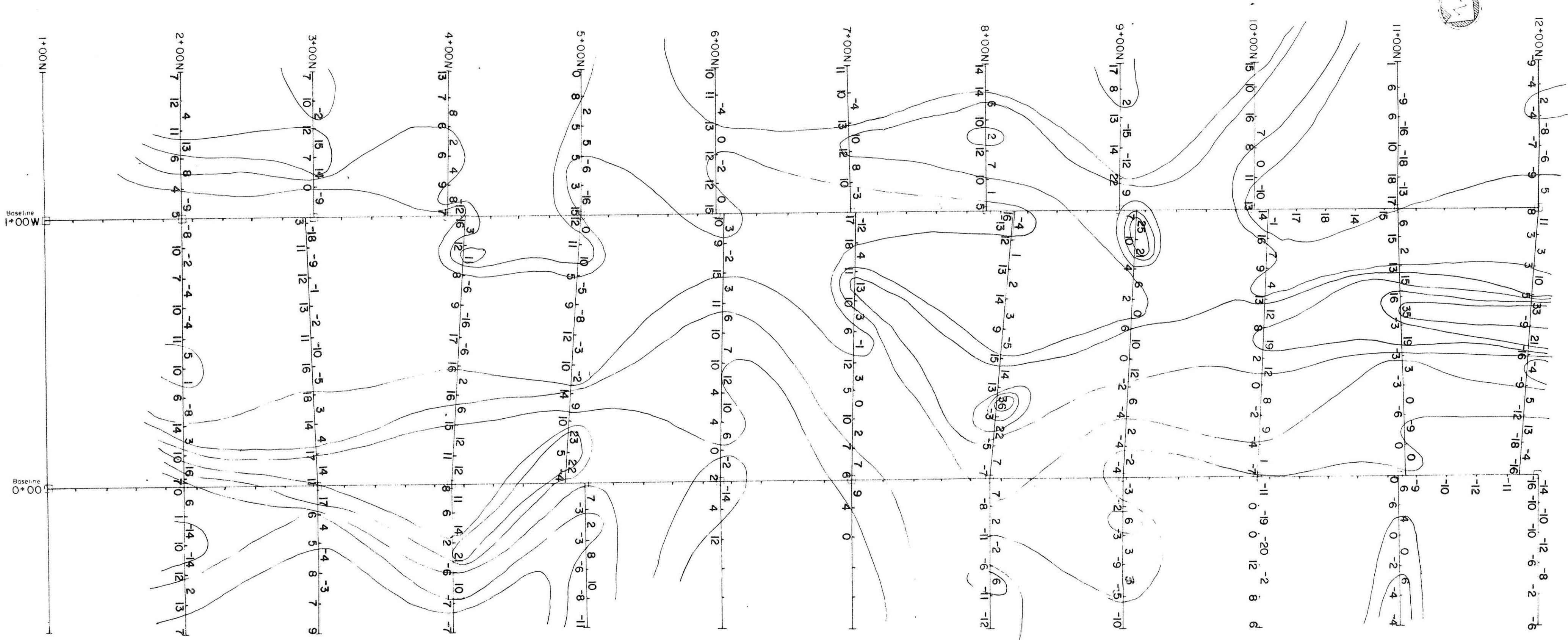
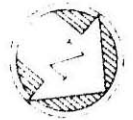
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SILVER GEOCHEMISTRY

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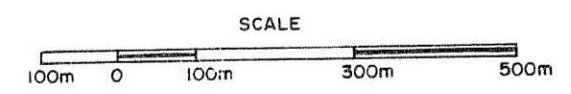
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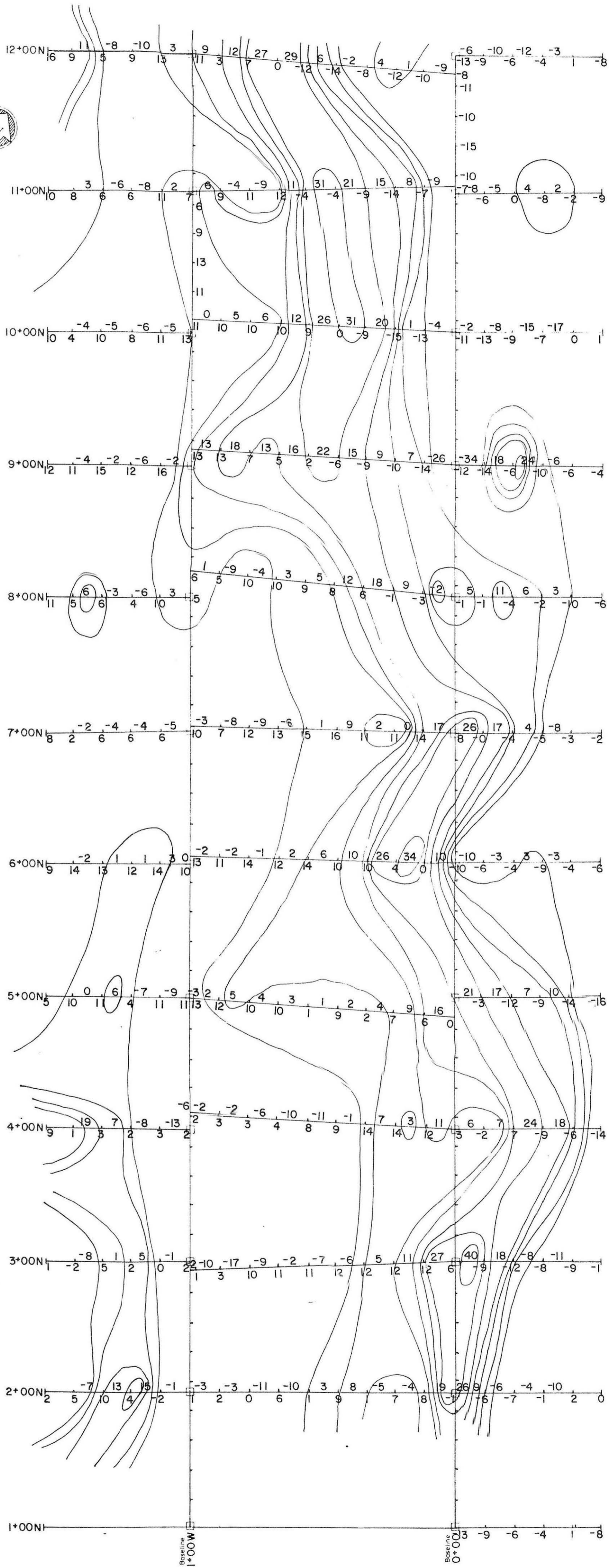
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UNITED KENO HILL MINES LTD. EXPLORATION DEPARTMENT WHITEHORSE - YUKON	
RIJ GRID VLF (CUTLER) FRASER FILTERED	
Mining District DAWSON	1245
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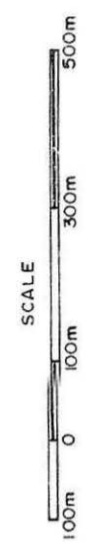
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 EXPLORATION DEPARTMENT
 WHITEHORSE - YUKON

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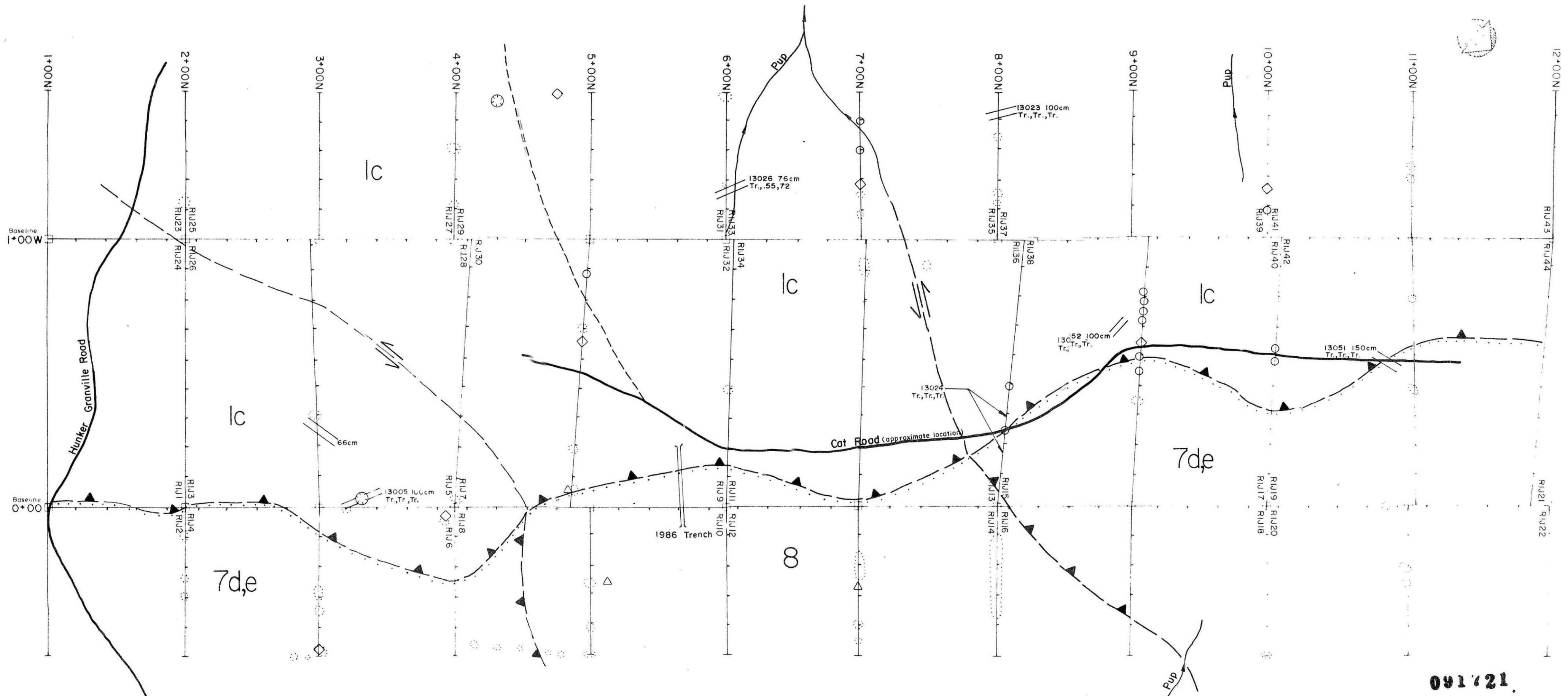
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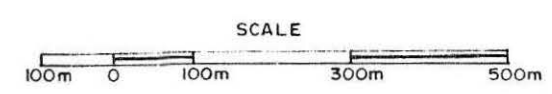
LEGEND

- Outcrop
- Hand Trench
- Quartz Vein (with strike)
- Assay Number
- Probable Fault
- Probable Graphitic Zone
- Road
- Claim Post
- QV Quartz Vein (no strike)
- Vein Width
- Probable Thrust Fault

- Quartz Float**
- <8cm
 - ◇ 8-25cm
 - △ >25cm

ROCK TYPES

- lc Slabby quartz muscovite schist and sheared quartz eye schist.
- 7d Chlorite schist
- 7e Muscovite/chlorite schist
- 8 Graphitic schists and quartzites



UNITED KINGDOM HILL MINES LTD EXPLORATION DEPARTMENT WHITEHORSE - YUKON	
RIJ GEOLOGY MAP	
Mining District	DAWSON 1246D
V.T.S. Sheet No	115 0-10
Scale	1:10,000 1cm = 100m
Drawn by HDP	Date 86/10/28

