

MAP NO.:	ASSESSMENT REPORT X	DOCUMENT NO:	092473
105 D 2	PROSPECTUS CONFIDENTIAL X OPEN FILE	MINING DISTRICT:	WHITEHORSE
		TYPE OF WORK:	GEOLOGICAL, GEOCHEMICAL

REPORT FILED UNDER: United Keno Hill Mines Ltd.

DATE PERFORMED:	June 1987	DATE FILED:	June 21, 1988
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LOCATION:	LAT.:	60 ⁰ 01'N	AREA:	Bennett Lake
	LONG.:	134 ⁰ 47'W	VALUE \$:	5,000.00

CLAIM NAME & NO.: RIGEL 1-10 (YA97934-43)

WORK DONE BY: L. Walton

WORK DONE FOR: United Keno Hill Mines Ltd.

DATE TO GOOD STANDING:

REMARKS: #259 RIGEL
 Limited prospecting and soil sampling in 1988 outlined several spot anomalies. Values up to 71 ppb Au were obtained from the south end of the property.



M.R. file no. 340-13-1
R.M.M.R. file no.
Date forwarded 21 June 1988

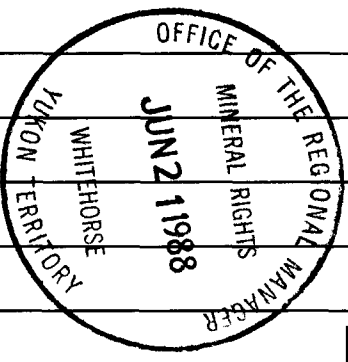
TRANSMITTAL FORM

From Mining Recorder at: Whitehorse

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 <u>Rigel 1-10</u>	Claim sheet no. <u>105-D-2</u>
	Type of report <u>Geological / Geochemical</u>	Submitted by <u>United Keno Hill Mines Ltd</u>
	Cls. work performed on <u>Rigel 1-10</u>	\$ req. for ren. application <u>5000.00</u>




 Signature

REPLY ACTION

Date returned: 9 July, 1988

Approved for amount required

082473



 Signature

UNITED KENO HILL MINES LTD.
Geological and Geochemical Report

on the

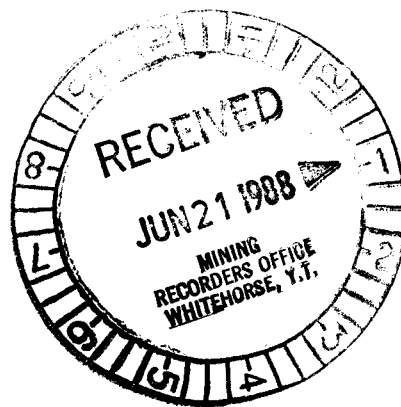
RIGEL 1-10 Claims, Bennett Lake Area

Whitehorse Mining District

by

L. Walton - Geologist

N.T.S. 105D/2
Latitude 60° 01'
Longitude 134° 47'
Work Done: June, 1987
Report Written: June, 1988



092473

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 \$ 5000.00.

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

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1. SUMMARY AND CONCLUSIONS

The RIGEL 1-10 claims were staked in June, 1987 after a Geological Survey of Canada open-file release in 1986 (O.F.1218) confirmed the results of a 1984 United Keno Hill Mines Ltd. reconnaissance program (Walton, 1984), which showed anomalous gold values in sediments from streams draining the RIGEL area.

The claims are underlain by Upper Triassic Lewes River Group volcanic rocks and limestone and Lower Jurassic Laberge Group sedimentary rocks. Both rock units are intruded by Upper Cretaceous intrusions of the Coast Plutonic Complex.

Reconnaissance soil samples and stream silt samples were taken from the RIGEL claims during June, 1987. All samples were sent to Chemex for analysis for 33 elements.

No mineralization was found. Several spot geochemical anomalies were outlined on the property.

2. RECOMMENDATIONS

It is recommended that the RIGEL 1-10 claims be further investigated by geochemical and geophysical methods in conjunction with mapping and prospecting.

3. INTRODUCTION

In June, 1987, a two person crew prospected and sampled several areas in southwestern Yukon and northwestern British Columbia (Walton, 1988), including the RIGEL 1-10 claims (Figure 1). Limited prospecting and soil sampling defined a multi-element anomalous zone extending from the south end of the RIGEL 1-10 claims in the Yukon to the British Columbia side of the border.

A Trans North Turbo Air Jet Ranger 206 helicopter from Whitehorse was used for crew transportation.

Soil samples, silt samples and pan concentrate samples were taken from the RIGEL 1-10 claims area and sent to Chemex for analysis for 33 elements.

4. LOCATION AND ACCESS

The RIGEL 1-10 claims are located on N.T.S. sheet 105 D/2 at latitude 60°01' and longitude 134°47' (Figure 2), 120 km south of Whitehorse. The RIGEL 1-10 claims are situated between Mount Dean, on the Yukon-British Columbia border and Bennett Lake to the west. The Yukon-British Columbia border is the south boundary of the RIGEL 1-10 claim block. The property is accessible by helicopter. The closest road is Klondike Highway No. 2.

5. PHYSIOGRAPHY AND VEGETATION

The RIGEL 1-10 claims are situated above treeline in a mountainous area characterized by long, narrow lakes (Tutshi, Tagish, Bennett) and remnant glacial features. The property elevation ranges from 4100 feet at the north end to 5100 feet in the south end. Spruce trees, alder and willows are common at the lower elevations. Large patches of snow hampered the June sampling and prospecting program.

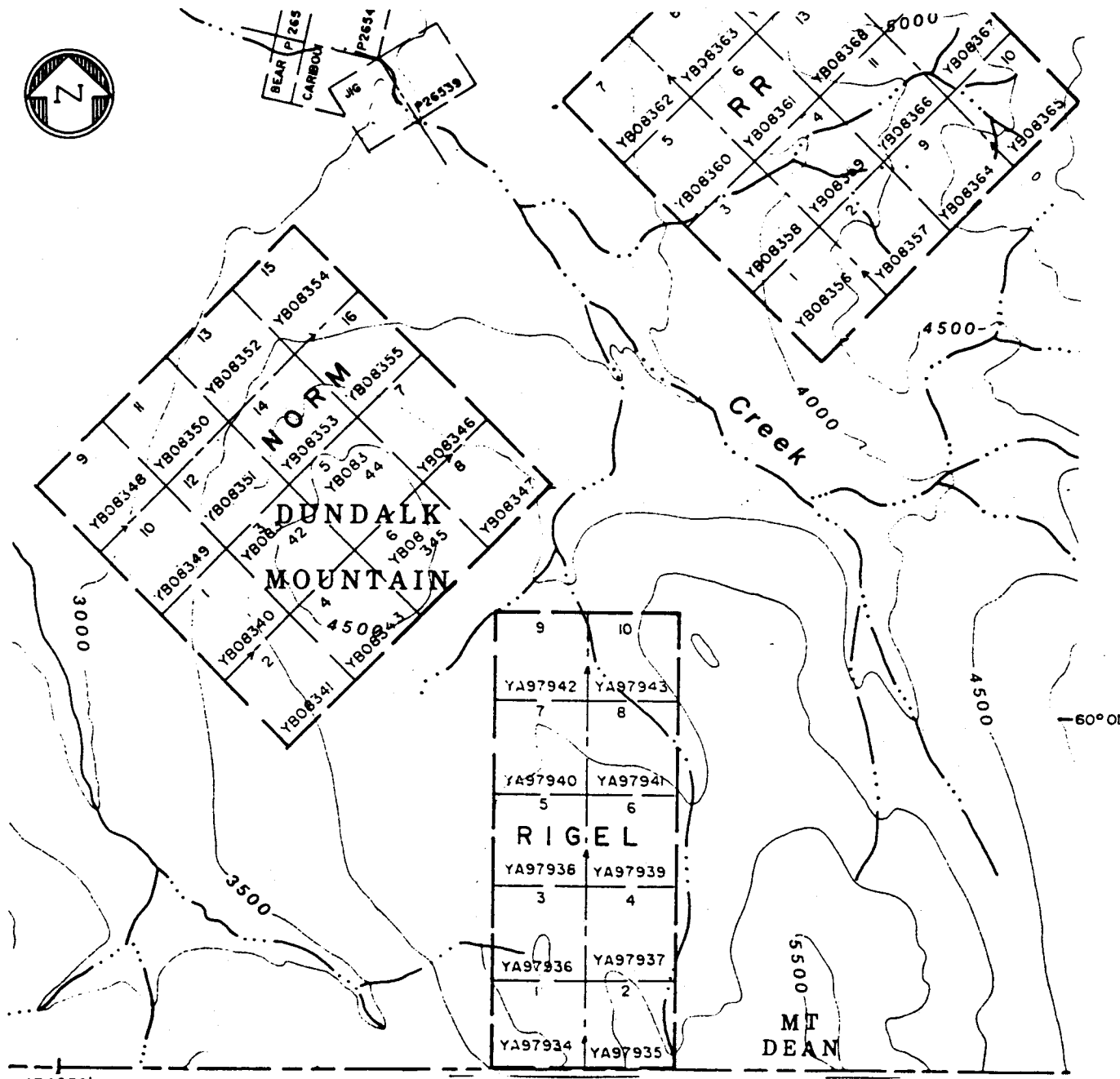
6. PROPERTY

The property consists of 10 claims (Figure 2) as follows:

CLAIM	GRANT NOS.	RECORDING DATE	ASSESSMENT WORK DATE
RIGEL 1	YA97934	June 24, 1987	June 24, 1988
RIGEL 2	YA97935	"	"
RIGEL 3	YA97936	"	"
RIGEL 4	YA97937	"	"
RIGEL 5	YA97938	"	"



UNITED KENO HILL MINES LTD. EXPLORATION DEPARTMENT WHITEHORSE — YUKON		FIGURE: I
RIGEL 1-10 CLAIMS LOCATION MAP		
<i>Mining District</i> <i>N.T.S. Sheet No.</i> <i>Scale 1:2,500,000</i>		
Drawn by H.D.P.	Date 88/01/20	



UNITED KENO HILL MINES LTD.
EXPLORATION DEPARTMENT
WHITEHORSE - YUKON

FIGURE:2

RIGEL 1-10
CLAIM LOCATION MAP

Mining District WHITEHORSE
N.T.S. Sheet No. 105-D/2
Scale 1:30,000

Drawn by H.D.P.	Date 88/01/20
------------------------	----------------------

RIGEL 6	YA97939	"	"
RIGEL 7	YA97940	"	"
RIGEL 8	YA97941	"	"
RIGEL 9	YA97942	"	"
RIGEL 10	YA97943	"	"

7. PREVIOUS WORK

No previous work has been recorded from the immediate RIGEL 1-10 claims area. Dupont staked the DUNK claims in 1981, northwest of the RIGEL claims, but the DUNK claims were dropped. The NORM claims and the RR claims (Figure 2) were staked in 1987. Several precious metal showings are located nearby in the Montana Mountain volcanic complex (Venus, Uranus, Joe Petty, Arctic, Montana, Jean) and in the Paddy Pass area in British Columbia.

8. REGIONAL GEOLOGY

Tectonic History

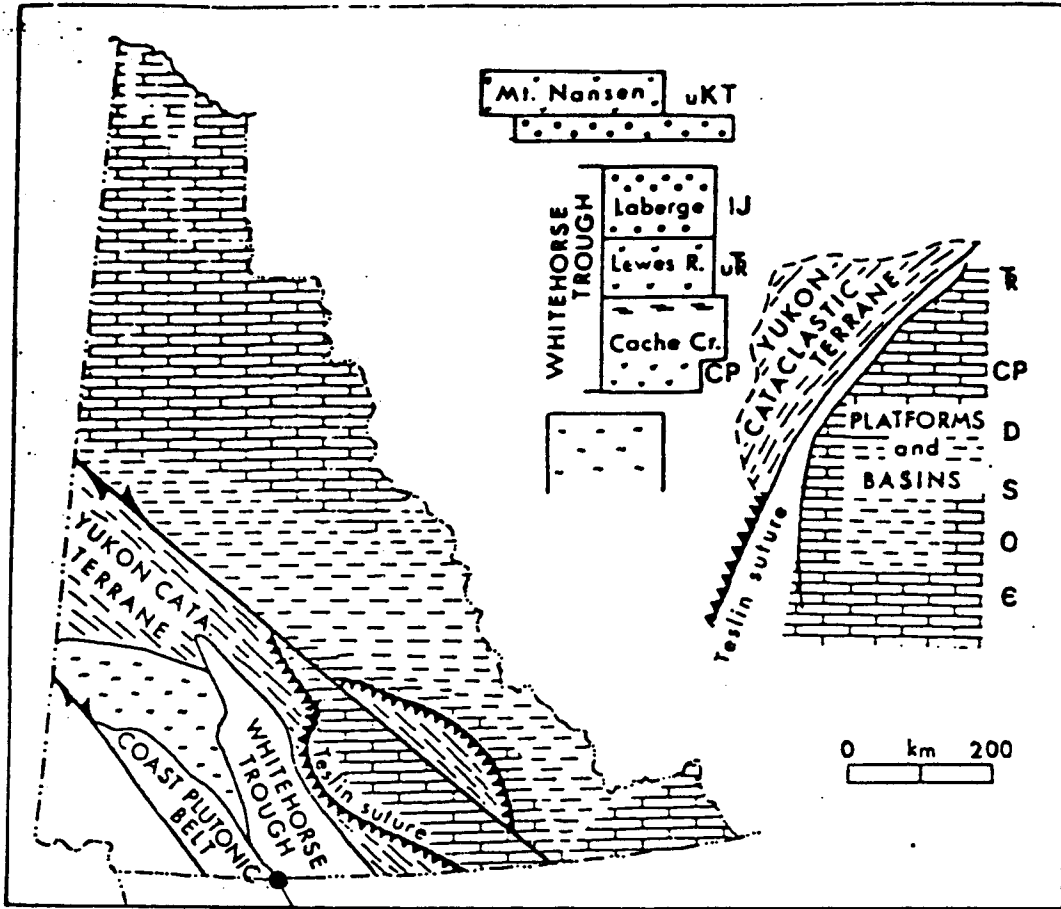
The RIGEL 1-10 claims are located on the western margin of a Mesozoic fore-arc basin called the Whitehorse Trough (Figure 3). The Whitehorse Trough is now considered to be part of an island arc assemblage called Terrane I (Monger, et al., 1982), which accreted onto the North American margin during the Mesozoic. The arc system consisted of Upper Triassic Lewes River Group andesites and basalts and Lower Jurassic Laberge Group sedimentary rocks, both of which were stratigraphically linked by the Triassic to oceanic rocks in the Cache Creek terrane. After accretion of Terrane I, Terrane II accreted onto the new west margin of North America, and resulted in a large magmatic island arc called the Coast Plutonic Belt. The Coast Plutonic Belt marks the site of extensive calc-alkaline volcanism and obliterated the existing boundary between Terrane I and Terrane II.

9. GENERAL GEOLOGY

The Whitehorse sheet was mapped by Wheeler (1961). The following rock unit descriptions are taken from his work. A geology map is shown in Figure 4.

Lewes River Group

Upper Triassic, Lewes River Group volcanic rocks occur along the outer margins of the Whitehorse Trough. The Lewes River



RIGEL 1-10 CLAIMS

UNITED KENO HILL MINES LTD.
EXPLORATION DEPARTMENT
WHITEHORSE — YUKON

FIGURE: 3

RIGEL 1-10 CLAIMS
TECTONIC UNITS OF THE YUKON

(Modified from Tempelman-Kluit, 1979)

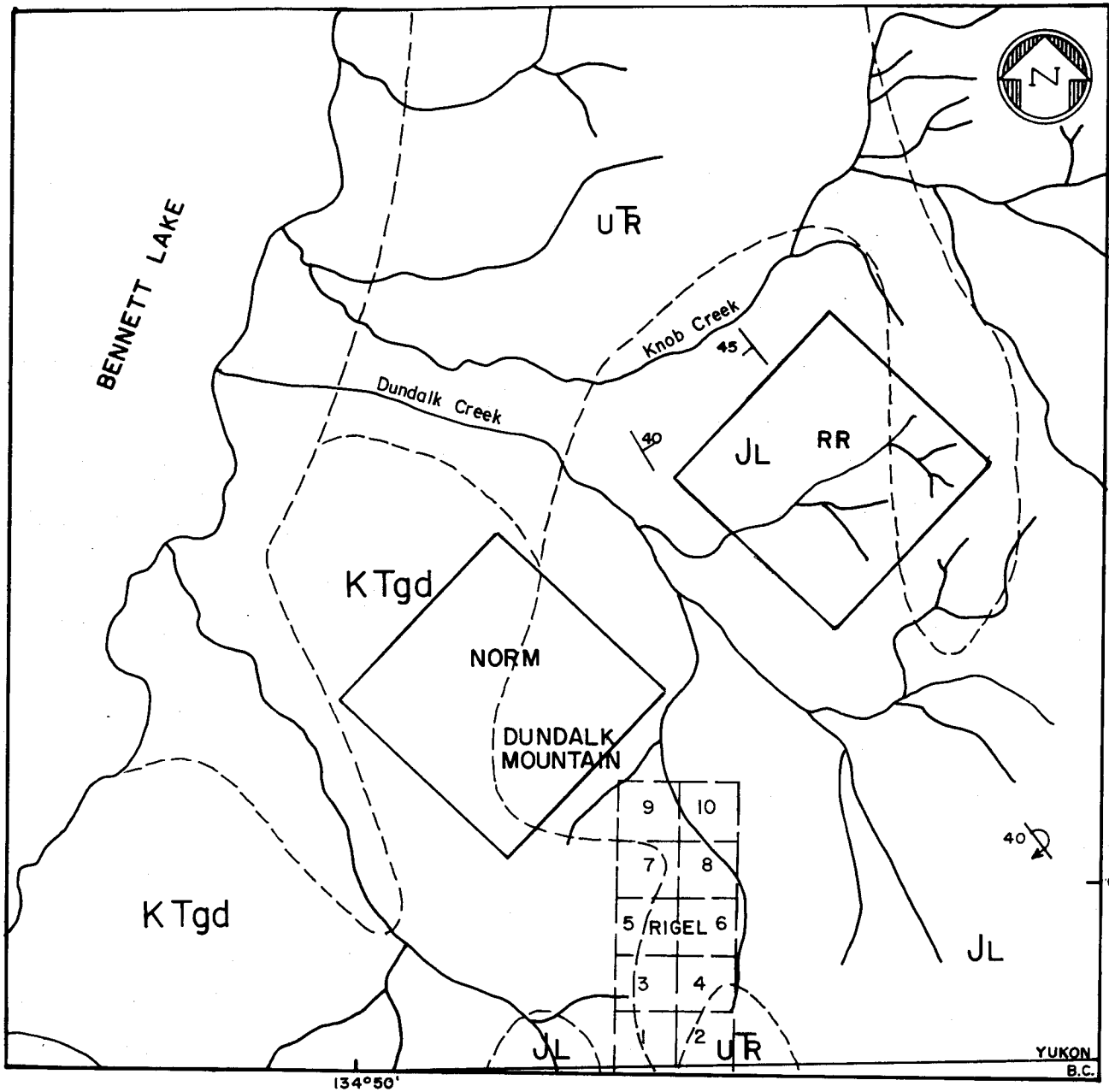
Mining District

N.T.S. Sheet No.

Scale

Drawn by


Date



LEGEND.


CRETACEOUS

Coast Intrusions

 granodiorite, granite, quartz monzonite, quartz diorite and allied rocks.


JURASSIC/LOWER JURASSIC

Laberge Group

 greywacke, arkose, quartzite, conglomerate, siltstone, argillite and hornfels.

TRIASSIC/UPPER TRIASSIC

Lewes River Group

 andesite, basalt and associated pyroclastic rocks, limestone and limestone breccia.

*From Wheeler (1961)

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**EXPLORATION DEPARTMENT
WHITEHORSE - YUKON**

FIGURE: 4

**RIGEL 1-10
REGIONAL GEOLOGY**

Mining District WHITEHORSE

N.T.S. Sheet No. 105-D/2

Scale 1:50,000

Drawn by H.D.P.

Date 88/25/01

Group consists of volcanic flows and breccias, pyroclastic deposits and limestone reef complexes. The most common rock types are purple, grey and green volcanic breccia, volcanic greywacke and lenses of grey and pinkish massive limestone. The rocks also occur as clasts in Lower Jurassic Laberge Group conglomerate.

Laberge Group

Lower Jurassic Laberge Group sedimentary rocks consist of a thick, repetitive succession of deep water facies, greywacke, sandstone, siltstone, shale and conglomerate. Laberge Group lies disconformably on the Lewes River Group. In the RIGEL area, the Laberge Group contains greywacke and finely laminated siltstone with argillite rip-up clasts.

Coast Plutonic Complex

Upper Cretaceous intrusive rocks of the Coast Plutonic Complex intrude older Triassic and Jurassic rocks in the RIGEL area. Rock types include granodiorite in which biotite predominates over hornblende, quartz diorite in which hornblende predominates over biotite, quartz monzonite and allied rocks.

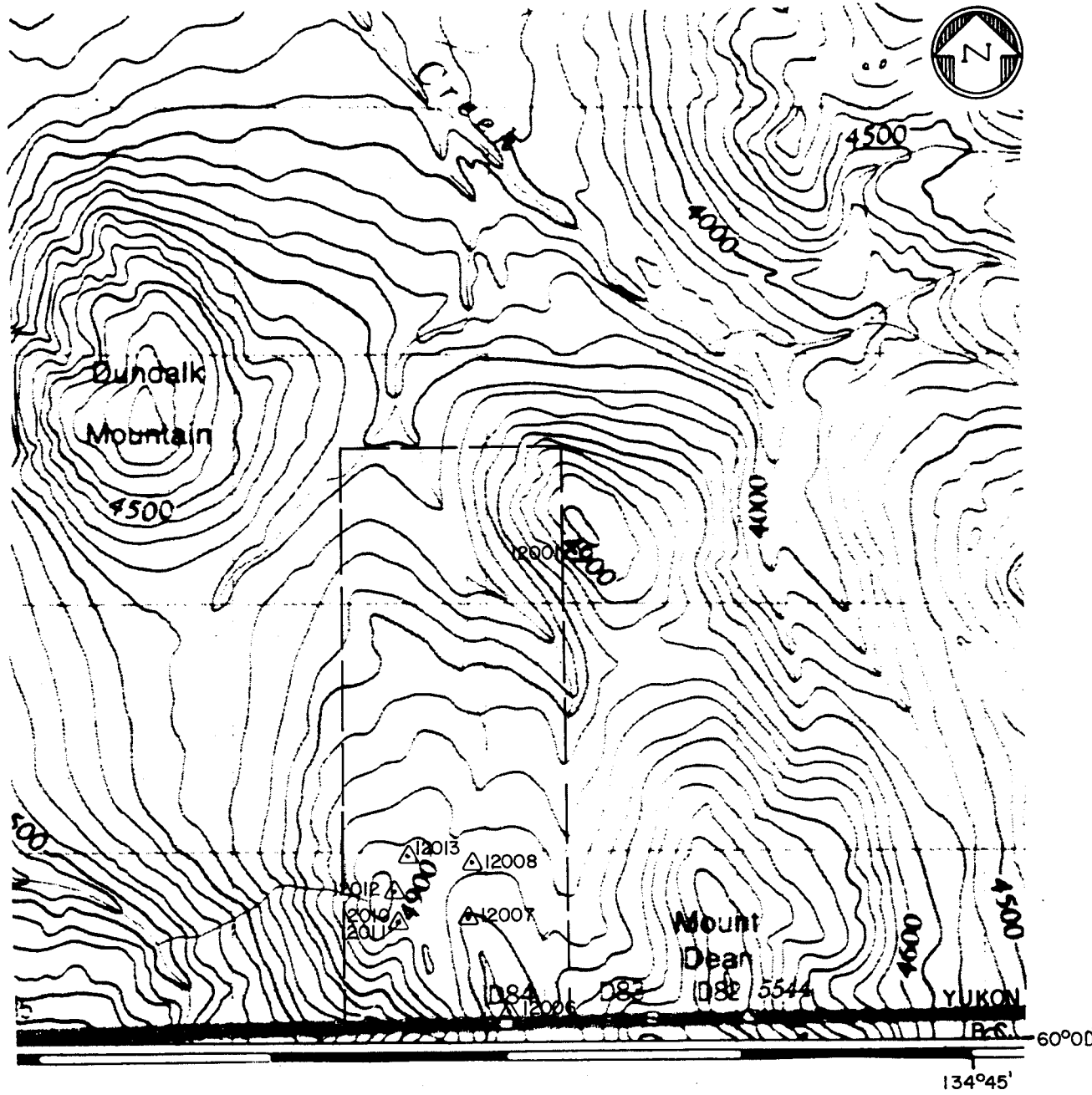
Rock Geochemistry

Eight rock samples were collected and sent to Chemex for analysis for 33 elements. The Chemex results are in Appendix C. Rock sample locations are shown in Figure 5 and rock descriptions and partial geochemistry results are given in Table 1.

Outcrop exposure was very limited, due to extensive snow coverage. Maroon and green volcanic conglomerate of the Lewes River Group (#12006) and associated carbonate veinlets (#12007, #12008) returned low geochemical values for all elements, as did sandstone (#12012) and greywacke sandstone (#12001) in the Laberge Group. A thin limestone bed with disseminated pyrite (#12010) returned background geochemical values. A nearby sandstone (#12011) with trace (<1%) amounts of pyrite returned 50 ppm As.

10. SOIL AND STREAM SILT GEOCHEMISTRY

A reconnaissance soil and stream geochemistry survey was attempted over the RIGEL 1-10 claims area, but, as with the rock sampling survey, sample collection was hampered by extensive snow coverage. Soil sample and stream silt sample sites (Figure 6) were marked with orange flagging tape. The soil was predominantly brown, moist, B horizon, and was generally from



△ ROCK SAMPLE

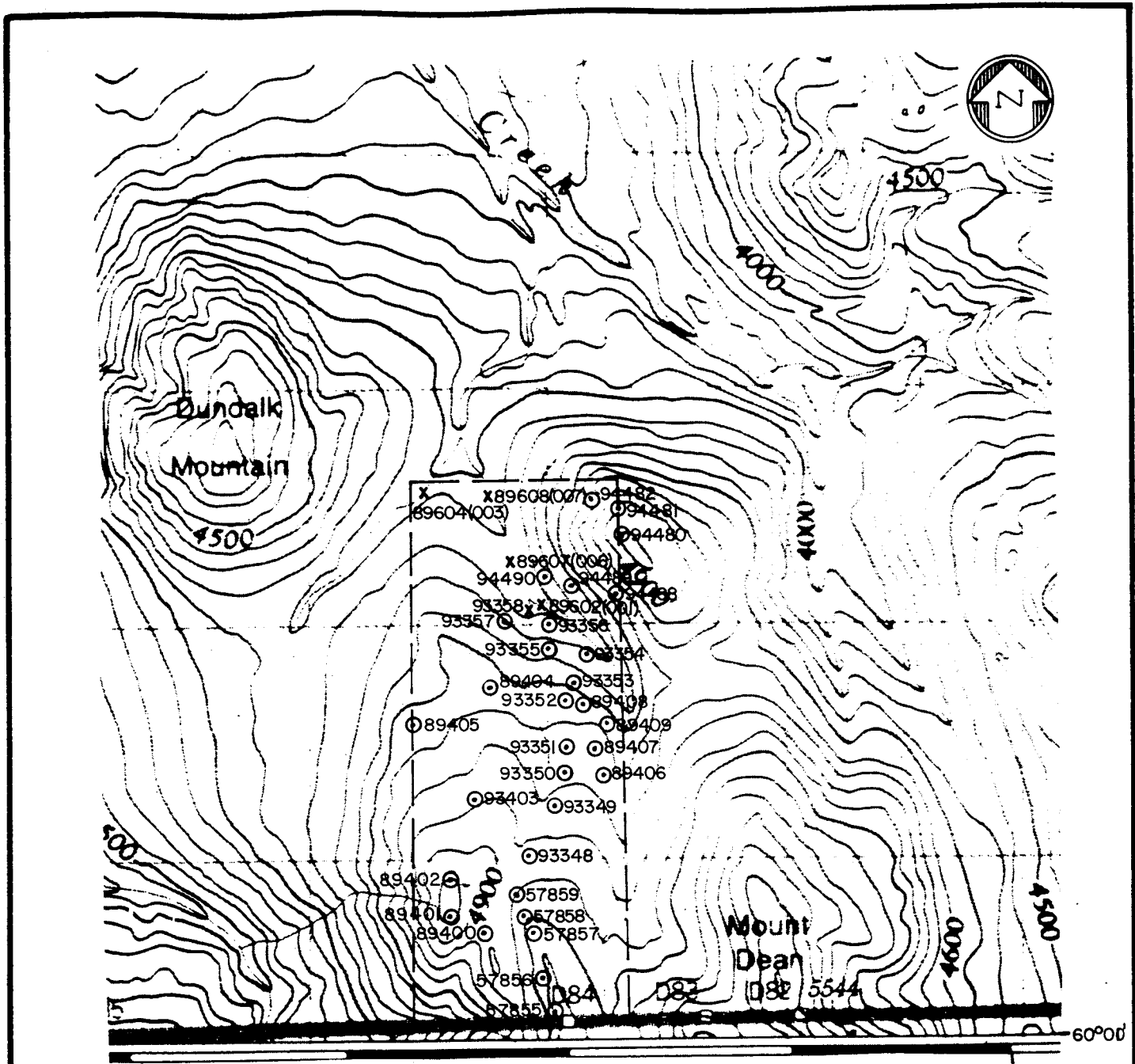
UNITED KENO HILL MINES LTD.
 EXPLORATION DEPARTMENT
 WHITEHORSE - YUKON FIGURE: 5

RIGEL I-10 CLAIMS
ROCK SAMPLE LOCATION MAP

Mining District WHITEHORSE
N.T.S. Sheet No. 105-D/2
Scale 1:25,000

Drawn by H.D.P. *Date* 88/01/26

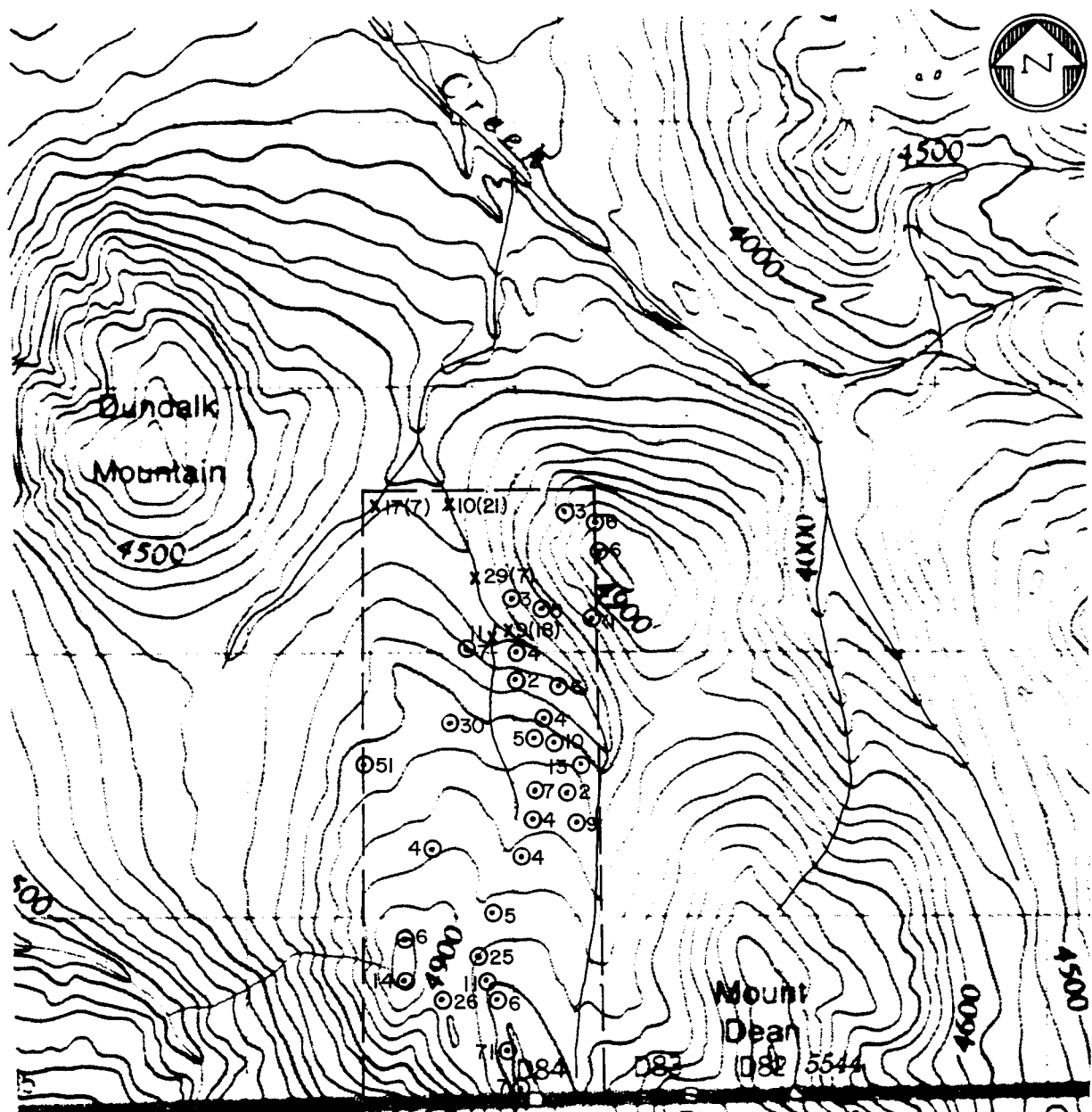




○ SOIL SAMPLE
 x STREAM SILT SAMPLE
 (OOI) PAN CONCENTRATE SAMPLE



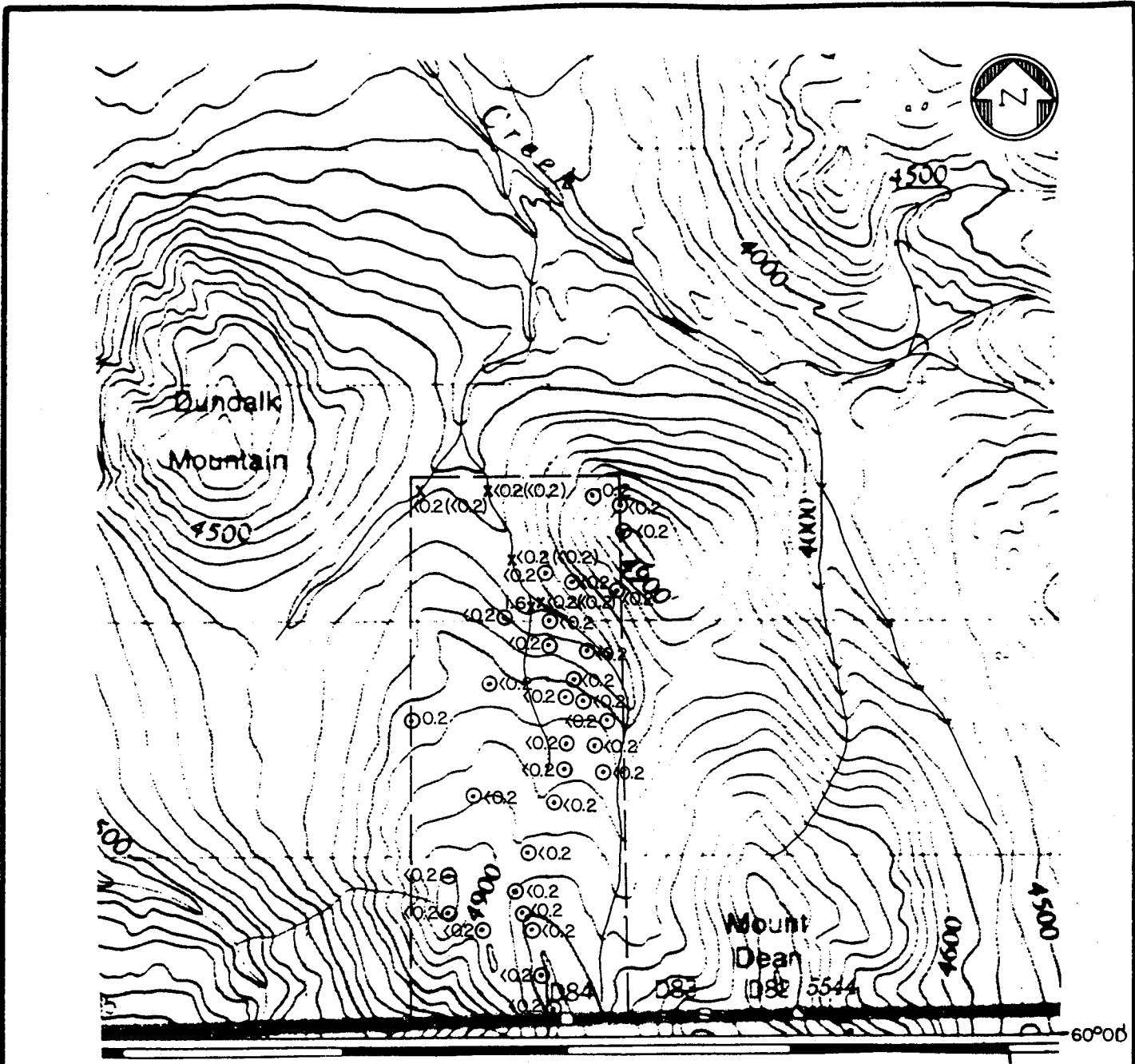
UNITED KENO HILL MINES LTD. EXPLORATION DEPARTMENT WHITEHORSE — YUKON		FIGURE: 6
RIGEL 1-10 CLAIMS GEOCHEMISTRY SAMPLE LOCATION MAP		
<i>Mining District</i> WHITEHORSE <i>N.T.S. Sheet No.</i> 105-D/2 <i>Scale</i> 1:25,000		
<i>Drawn by</i> H.D.P.	<i>Date</i> 88/01/26	



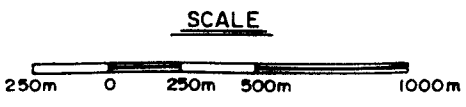
- ⊙ SOIL SAMPLE
- x STREAM SILT SAMPLE
- (18) PAN CONCENTRATE SAMPLE



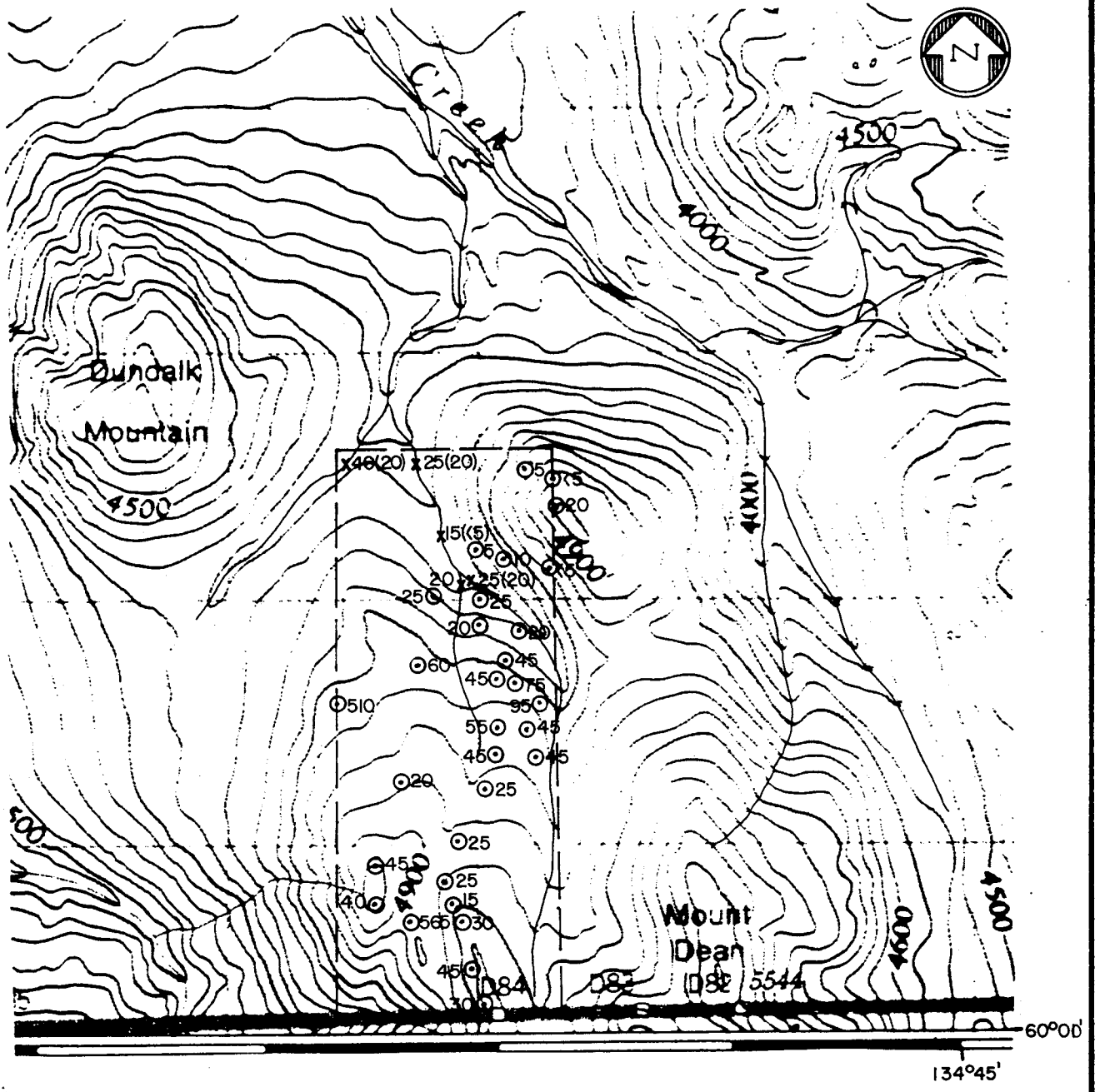
UNITED KENO HILL MINES LTD. EXPLORATION DEPARTMENT WHITEHORSE - YUKON		FIGURE: 7
RIGEL 1-10 CLAIMS GEOCHEMISTRY - GOLD (ppb)		
<i>Mining District</i> WHITEHORSE <i>N.T.S. Sheet No.</i> 105-D/2 <i>Scale</i> 1:25,000		
<i>Drawn by</i> H.D.P.	<i>Date</i> 88/01/26	



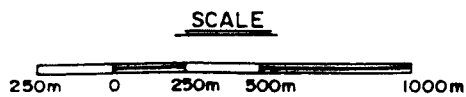
⊙ SOIL SAMPLE
 x STREAM SILT SAMPLE
 (0.2) PAN CONCENTRATE SAMPLE



UNITED KENO HILL MINES LTD. EXPLORATION DEPARTMENT WHITEHORSE - YUKON		FIGURE: 8
RIGEL 1 - 10 CLAIMS GEOCHEMISTRY - SILVER (ppm)		
<i>Mining District</i> WHITEHORSE <i>N.T.S. Sheet No.</i> 105 - D / 2 <i>Scale</i> 1 : 25,000		
<i>Drawn by</i> H.D.P.	<i>Date</i> 88/01/26	



- ⊙ SOIL SAMPLE
- x STREAM SILT SAMPLE
- (25) PAN CONCENTRATE SAMPLE



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 WHITEHORSE - YUKON

FIGURE: 9

RIGEL 1-10 CLAIMS
GEOCHEMISTRY - ARSENIC (ppm)

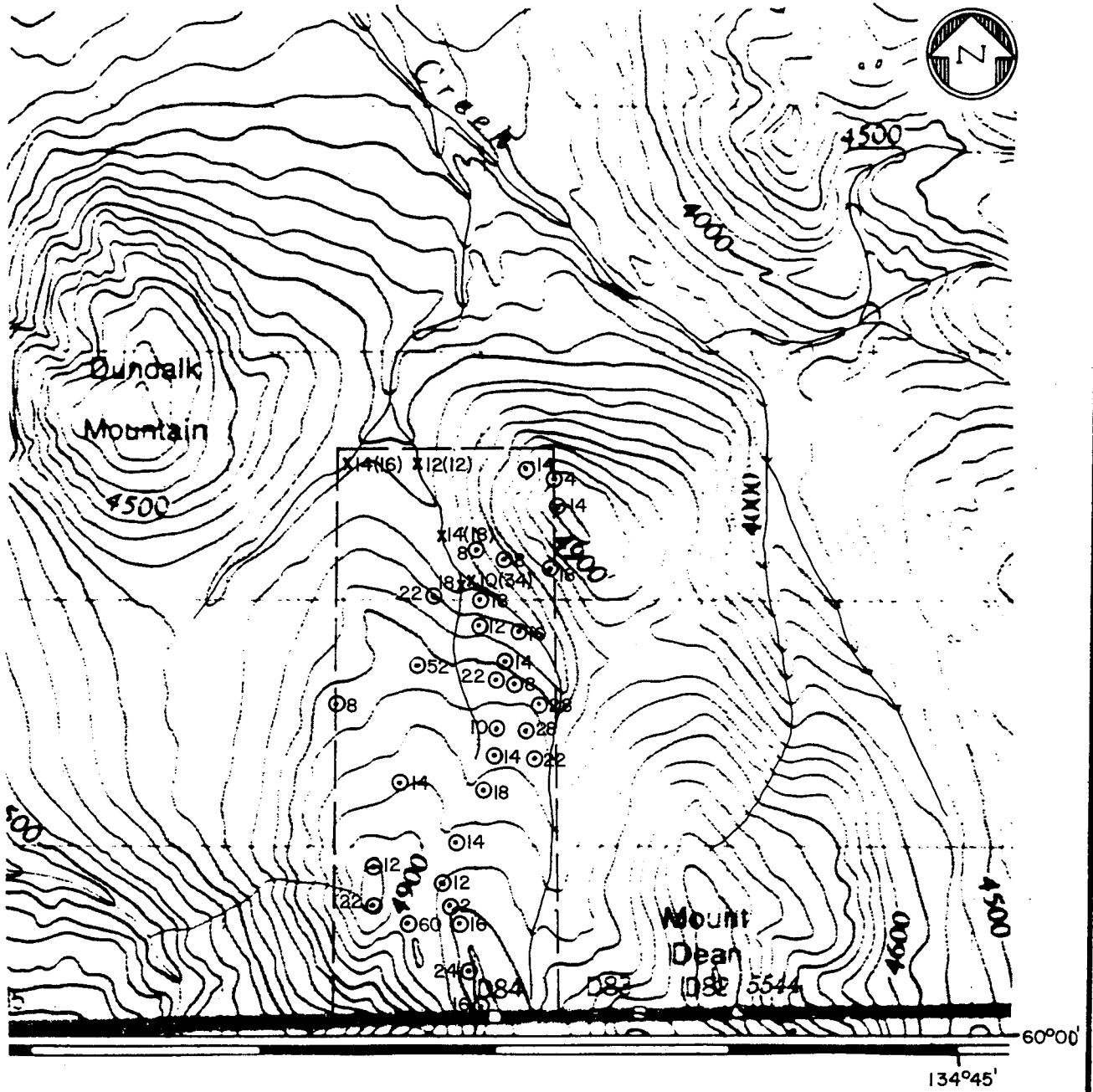
Mining District WHITEHORSE

N.T.S. Sheet No. 105-D/2

Scale 1:25,000

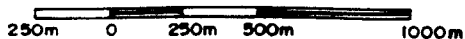
Drawn by H.D.P.

Date 88/01/26



- SOIL SAMPLE
- x STREAM SILT SAMPLE
- (14) PAN CONCENTRATE SAMPLE

SCALE



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 EXPLORATION DEPARTMENT
 WHITEHORSE — YUKON

FIGURE: 10

RIGEL 1 - 10 CLAIMS
GEOCHEMISTRY - LEAD (ppm)

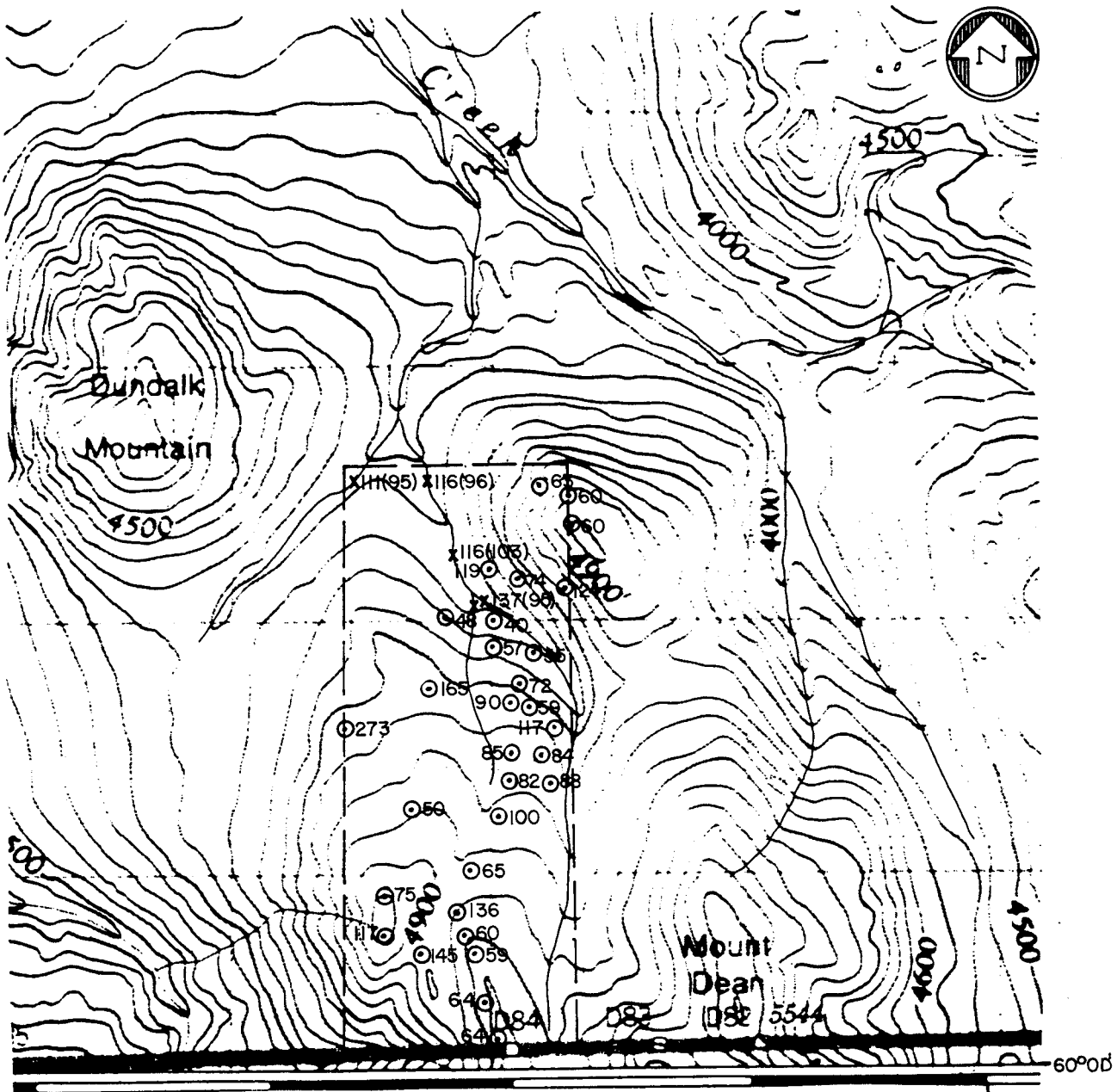
Mining District WHITEHORSE

N.T.S. Sheet No. 105-D/2

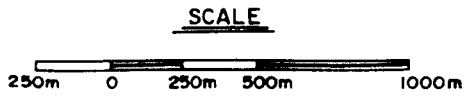
Scale 1:25,000

Drawn by H.D.P.

Date 88/01/26



- ⊙ SOIL SAMPLE
- x STREAM SILT SAMPLE
- (80) PAN CONCENTRATE SAMPLE



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 EXPLORATION DEPARTMENT
 WHITEHORSE - YUKON

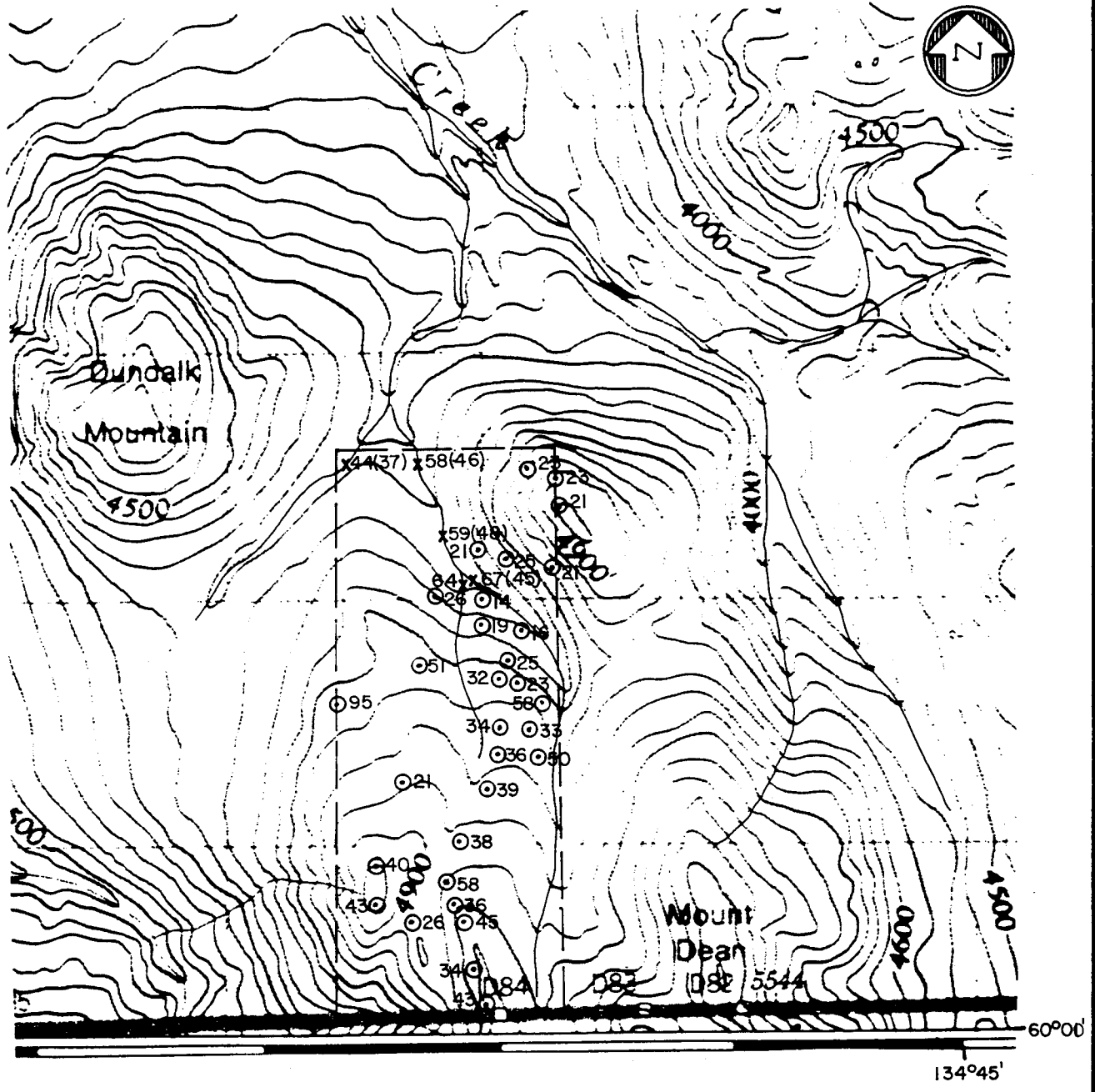
FIGURE: 11

RIGEL 1 - 10 CLAIMS
GEOCHEMISTRY-ZINC (ppm)

Mining District WHITEHORSE
 N.T.S. Sheet No. 105-D/2
 Scale 1:25,000

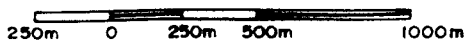
Drawn by H.D.P.

Date 88/01/26



- SOIL SAMPLE
- x STREAM SILT SAMPLE
- (32) PAN CONCENTRATE SAMPLE

SCALE



UNITED KENO HILL MINES LTD.

EXPLORATION DEPARTMENT

WHITEHORSE - YUKON

FIGURE:12

**RIGEL 1 - 10 CLAIMS
GEOCHEMISTRY - COPPER(ppm)**

Mining District **WHITEHORSE**

N.T.S. Sheet No. **105-D/2**

Scale **1:25,000**

Drawn by **H.D.P.**

Date **88/01/26**

REFERENCES

- Geological Survey of Canada Open File 1218, Regional stream sediment and water geochemical reconnaissance data Southern Yukon 1985, NTS 105/D.
- Monger, J. W. H., Price, R. A. and Tempelman-Kluit, D. J., 1982, Tectonic accretion and the origin of the two major metamorphic and plutonic belts in the Canadian Cordillera: *Geology*, V.10, p. 70-75.
- Walton, L., 1984, Southwestern Yukon-Northerwestern British Columbia Reconnaissance Project. U.K.H.M. Company Report.
- Walton, L., 1988, Geological and Geochemical Report on the Bennett Lake-Tutshi Lake Project. U.K.H.M. Company Report.
- Wheeler, J. O., 1961, Whitehorse map-area, Yukon Territory: Geological Survey of Canada Memoir 312, 156 pp.

CERTIFICATE OF QUALIFICATIONS

I. Lori A. Walton, with business address:

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

do hereby certify that:

1. I am a practicing geologist.
2. I hold a Bachelor of Science (Specialization) Degree (1982) in Geology from the University of Alberta.
3. I hold a Graduate Gemologist Degree (1983) from the Gemological Institute of America in California, U.S.A.
4. I hold a Master of Science Degree (1987) in Economic Geology from the University of Alberta.
5. I have been working in the field of mineral exploration since May of 1980.
6. This report, entitled "Geological and Geochemical Report on the RIGEL 1-10 Claims, Bennett Lake Area," is based on work done on the property during June, 1987.
7. I have not received nor do I expect to receive any interest, either directly or indirectly, in the property concerned in this report.

Respectfully submitted,



Lori A. Walton, M.Sc., G.G.

CERTIFICATE OF QUALIFICATIONS

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

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

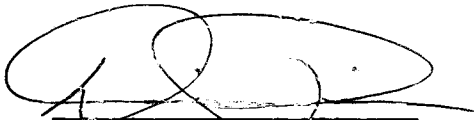
and residential address:

13 Koidern Avenue
Whitehorse, Yukon
Y1A 3N7
Telephone: (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 18 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 and Geochemical Report on the RIGEL 1-10 Claims, Bennett Lake Area, Whitehorse Mining District" and dated June, 1988, 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.), FGAC

APPENDIX A
PROJECT COSTS

Salaries	\$ 3,627.16
Hiring Expenses	6.27
Office Expenses	256.15
Geological Equipment	22.42
Camp Operation	
Equipment	11.64
Food	172.50
Fuel	5.00
Assaying	
Assay Costs	720.00
Transport	32.60
Aircraft	
Helicopter	3,805.20
Vehicles	79.12
Air Photography	
Contract Labour	150.00
	<hr/>
TOTAL	\$ 8,888.06

APPENDIX B

PERSONNEL AND CONTRACTORS EMPLOYED

GEOLOGIST

Lori Walton
409 Black Street
Whitehorse, Yukon
Y1A 2N2

ASSISTANT

Jane Evens
3323 Barrett Place N.W.
Calgary, Alberta
T2L 1W5

HELICOPTER SUPPORT

Trans North Turbo Air Ltd.
Box 4338
Whitehorse, Yukon
Y1A 3T6

GEOCHEMICAL ANALYSIS

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, British Columbia
V7J 2C1



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

T NITED KENO HILL MINES LIMITED

409 BLACK ST.
 WHITEHORSE, YUKON
 Y1A 2N2

Project : VEN/TGI/S/G
 Comments:

Page No -A
 Tot. Pages: 1

RIGEL-Soil Samples

CERTIFICATE OF ANALYSIS A8715990

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As 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 %	Mn ppm
57855 C	201 238	7	1.72	< 0.2	30	270	< 0.5	2	0.20	< 0.5	17	26	43	3.90	< 10	< 1	0.17	10	0.45	1120
57856 C	201 238	71	2.25	< 0.2	45	220	< 0.5	< 2	0.22	< 0.5	15	31	34	3.59	< 10	< 1	0.13	10	0.69	708
57857 C	201 238	6	2.41	< 0.2	30	300	< 0.5	< 2	0.73	< 0.5	17	29	45	3.91	< 10	< 1	0.23	10	0.59	1465
57858 C	201 238	11	1.72	< 0.2	15	110	< 0.5	< 2	0.09	0.5	10	25	36	3.92	< 10	< 1	0.16	10	0.39	623
94478 C	201 238	3	1.99	< 0.2	15	180	< 0.5	< 2	0.71	< 0.5	9	16	19	3.05	< 10	< 1	0.14	10	0.56	523
94479 C	201 238	4	2.55	< 0.2	5	190	< 0.5	< 2	0.57	0.5	20	23	25	4.15	< 10	< 1	0.16	10	0.69	1740
94480 C	201 238	6	2.07	< 0.2	20	220	< 0.5	< 2	0.84	< 0.5	12	16	21	2.93	< 10	< 1	0.16	10	0.57	804
94481 C	201 238	6	2.13	< 0.2	< 5	160	< 0.5	< 2	0.83	< 0.5	11	17	23	3.02	< 10	< 1	0.12	10	0.64	611
94482 C	201 238	3	2.69	0.2	5	190	< 0.5	< 2	1.03	< 0.5	14	25	23	3.26	10	< 1	0.14	10	0.82	795
94483 C	201 238	miss.	2.38	< 0.2	5	200	< 0.5	< 2	0.83	< 0.5	12	21	24	3.18	< 10	< 1	0.15	10	0.69	595
94484 C	201 238	3	1.88	< 0.2	10	130	< 0.5	< 2	0.52	< 0.5	8	20	18	3.48	< 10	< 1	0.12	10	0.51	441
94485 C	201 238	3	1.63	< 0.2	< 5	120	< 0.5	2	0.89	< 0.5	10	12	21	2.44	< 10	< 1	0.08	10	0.56	626
94486 C	201 238	16	1.48	< 0.2	5	110	< 0.5	< 2	0.47	< 0.5	7	16	14	2.76	< 10	< 1	0.10	10	0.52	435
94487 C	201 238	3	2.36	< 0.2	10	190	< 0.5	< 2	0.62	< 0.5	9	17	20	3.41	< 10	< 1	0.12	10	0.59	543
94488 C	203 238	< 1	2.26	< 0.2	< 5	370	< 0.5	< 2	1.01	0.5	14	67	21	3.18	< 10	< 1	0.31	10	0.62	1425
94489 C	201 238	5	2.79	< 0.2	10	200	< 0.5	2	0.59	0.5	14	20	25	3.47	< 10	< 1	0.16	10	0.74	553
94490 C	201 238	3	1.85	< 0.2	5	280	< 0.5	< 2	0.85	0.5	11	16	21	2.71	< 10	< 1	0.17	10	0.55	976
057859	201 238	25	1.96	< 0.2	20	210	< 0.5	< 2	0.55	1.0	15	25	58	3.77	< 10	< 1	0.15	20	0.80	756

CERTIFICATION :

Hantz/Seckler



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T NITED KENO HILL MINES LIMITED

409 BLACK ST.
 WHITEHORSE, YUKON
 Y1A 2N2

Project : VEN/TG1/S/G
 Comments:

Page No. -B
 Tot. Pages. 1

RIGEL-Soil Samples

CERTIFICATE OF ANALYSIS A8715990

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
57855 C	201 238	< 1	0.01	20	330	16	< 5	< 10	20	0.01	< 10	< 10	49	< 5	64
57856 C	201 238	< 1	0.01	19	470	24	< 5	< 10	20	0.04	< 10	< 10	62	< 5	64
57857 C	201 238	< 1	0.01	18	1580	16	< 5	< 10	53	0.01	< 10	< 10	63	< 5	59
57858 C	201 238	< 1	< 0.01	16	480	2	< 5	< 10	12	0.01	< 10	< 10	55	< 5	60
94478 C	201 238	< 1	0.01	10	540	6	< 5	< 10	69	0.06	< 10	< 10	57	< 5	60
94479 C	201 238	< 1	0.01	25	1830	28	< 5	10	62	0.03	< 10	< 10	77	< 5	74
94480 C	201 238	< 1	0.01	10	1130	14	< 5	< 10	97	0.05	< 10	< 10	56	< 5	60
94481 C	201 238	< 1	0.01	9	520	4	< 5	< 10	67	0.09	< 10	< 10	63	< 5	60
94482 C	201 238	< 1	0.01	12	580	14	< 5	10	64	0.07	< 10	< 10	72	< 5	63
94483 C	201 238	< 1	0.01	10	700	8	< 5	< 10	71	0.08	< 10	< 10	67	< 5	69
94484 C	201 238	< 1	0.01	7	580	16	< 5	< 10	48	0.08	< 10	< 10	63	< 5	63
94485 C	201 238	< 1	0.01	6	600	6	< 5	< 10	71	0.10	< 10	< 10	49	< 5	55
94486 C	201 238	< 1	0.01	9	430	14	< 5	< 10	34	0.09	< 10	< 10	58	< 5	52
94487 C	201 238	< 1	0.01	8	490	14	< 5	< 10	55	0.07	< 10	< 10	62	< 5	66
94488 C	203 238	< 1	0.02	9	1170	18	< 5	< 10	129	0.08	< 10	< 10	62	< 5	124
94489 C	201 238	< 1	0.01	11	800	8	< 5	< 10	52	0.07	< 10	< 10	63	< 5	74
057859	201 238	< 1	0.01	21	750	12	5	< 10	70	0.03	< 10	< 10	45	< 5	136

CERTIFICATION :

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists • Geocnemists • Registered Assayers

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THE UNITED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

Project: VEN/TG1/S/G

Comments:

RIGEL-Soil Samples, Silt Samples

Page No. A

Tot. Pages: 1

CERTIFICATE OF ANALYSIS A8716381

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As 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 %	Mn ppm
89400	201 238	26	0.99	< 0.2	565	320	< 0.5	< 2	1.26	0.5	17	10	26	5.14	< 10	< 1	0.15	20	0.49	2480
89401	201 238	14	0.98	< 0.2	40	370	< 0.5	< 2	0.38	< 0.5	12	15	43	3.40	< 10	< 1	0.14	20	0.27	616
89402	201 238	6	2.89	< 0.2	45	270	< 0.5	2	0.32	< 0.5	15	35	40	4.06	< 10	< 1	0.15	10	0.71	549
89403	201 238	4	1.55	< 0.2	20	140	< 0.5	< 2	0.12	< 0.5	7	21	21	2.88	< 10	< 1	0.14	10	0.34	365
89404	201 238	30	2.50	< 0.2	60	400	< 0.5	< 2	0.29	0.5	15	33	51	4.29	< 10	< 1	0.25	10	0.57	490
89405	201 238	51	2.45	0.2	510	610	< 0.5	< 2	1.14	0.5	55	348	95	9.36	< 10	< 1	0.27	10	1.42	2490
89406	201 238	9	2.11	< 0.2	45	420	< 0.5	< 2	0.60	0.5	18	33	50	4.09	< 10	< 1	0.15	30	0.43	789
89407	201 238	2	1.50	< 0.2	45	150	< 0.5	< 2	0.12	< 0.5	9	27	33	3.78	< 10	< 1	0.16	10	0.29	410
89408	201 238	10	2.62	< 0.2	75	240	< 0.5	< 2	0.15	< 0.5	8	26	23	3.56	< 10	< 1	0.11	10	0.27	287
89409	201 238	13	1.66	< 0.2	95	540	< 0.5	< 2	0.46	< 0.5	18	22	58	4.25	< 10	< 1	0.10	20	0.44	924
93348	201 238	5	2.42	< 0.2	25	210	< 0.5	< 2	0.16	< 0.5	10	30	38	3.91	< 10	< 1	0.12	10	0.49	515
93349	201 238	4	1.75	< 0.2	25	200	< 0.5	2	0.44	0.5	14	26	39	3.76	< 10	< 1	0.19	10	0.51	830
93350	201 238	4	2.33	< 0.2	45	270	< 0.5	2	0.15	< 0.5	12	30	36	4.05	< 10	< 1	0.17	10	0.36	656
93351	201 238	7	2.29	< 0.2	55	140	< 0.5	< 2	0.12	< 0.5	11	27	34	3.47	< 10	< 1	0.15	10	0.44	510
93352	201 238	5	1.92	< 0.2	45	230	< 0.5	< 2	0.08	< 0.5	7	20	32	3.29	< 10	< 1	0.17	10	0.27	339
93353	201 238	4	1.70	< 0.2	45	140	< 0.5	< 2	0.08	< 0.5	8	25	25	3.02	< 10	< 1	0.14	10	0.33	728
93354	201 238	6	0.78	< 0.2	20	110	< 0.5	< 2	0.08	< 0.5	2	9	16	1.42	< 10	< 1	0.07	< 10	0.08	73
93355	201 238	2	1.64	< 0.2	20	220	< 0.5	4	0.09	0.5	7	22	19	2.71	< 10	< 1	0.10	10	0.32	600
93356	201 238	4	1.64	< 0.2	25	120	< 0.5	< 2	0.13	< 0.5	4	21	14	2.23	< 10	< 1	0.09	10	0.32	208
93357	201 238	7	1.51	< 0.2	25	180	< 0.5	< 2	0.13	< 0.5	4	17	26	1.83	< 10	< 1	0.09	10	0.26	257
93358	201 238	11	1.18	1.6	20	290	< 0.5	< 2	0.67	0.5	15	23	64	3.70	< 10	< 1	0.15	10	0.60	572
89602	201 238	9	1.34	< 0.2	25	250	< 0.5	< 2	0.60	0.5	15	15	67	3.68	< 10	< 1	0.14	10	0.63	564
89603	201 238	58	1.35	< 0.2	25	290	< 0.5	< 2	0.72	0.5	11	39	47	2.78	< 10	< 1	0.16	20	0.54	485
89604	— 203	17	1.49	< 0.2	40	310	< 0.5	< 2	0.60	0.5	11	117	44	2.97	< 10	2	0.30	20	0.46	549
89605	— 203	10	1.27	< 0.2	35	240	< 0.5	2	0.40	< 0.5	12	74	36	3.10	< 10	< 1	0.24	10	0.49	506
89606	201 238	9	1.28	< 0.2	25	250	< 0.5	< 2	0.57	0.5	15	17	59	3.42	< 10	< 1	0.15	20	0.60	588
89607	201 238	29	1.25	< 0.2	15	220	< 0.5	< 2	0.54	0.5	15	16	59	3.37	< 10	< 1	0.15	10	0.60	593
89608	201 238	10	1.09	< 0.2	25	210	< 0.5	< 2	0.52	< 0.5	13	14	58	3.28	< 10	< 1	0.11	10	0.57	539

CERTIFICATION :



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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To: U ED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

Project: VEN/TG1/R/G

Comments:

RIGEL-Rock Samples

CERTIFICATE OF ANALYSIS A8716378

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
12001	205 238	< 1	0.03	7	530	12	< 5	< 10	280	0.14	< 10	< 10	67	5	44
12002	205 238	2	0.07	11	1390	10	< 5	< 10	72	< 0.01	< 10	< 10	40	< 5	45
12004	205 238	21	0.58	56	520	4	< 5	< 10	202	0.13	< 10	< 10	252	< 5	150
12005	205 238	< 1	0.06	18	660	22	< 5	< 10	60	0.06	< 10	< 10	96	< 5	56
12006	205 238	< 1	0.07	19	1140	2	< 5	< 10	138	0.02	< 10	< 10	84	< 5	63
12007	205 238	< 1	0.01	13	460	< 2	< 5	< 10	326	< 0.01	< 10	< 10	22	5	58
12008	205 238	< 1	0.02	7	500	6	< 5	< 10	149	0.01	< 10	< 10	27	< 5	23
12009	205 238	1	0.04	3	20	10	< 5	< 10	9	< 0.01	< 10	< 10	< 1	< 5	8
12010	205 238	< 1	0.03	6	3140	8	< 5	10	244	< 0.01	< 10	< 10	33	< 5	94
12011	205 238	< 1	0.04	8	640	6	5	< 10	51	< 0.01	< 10	< 10	41	< 5	37
12012	205 238	< 1	0.07	11	560	8	< 5	< 10	41	< 0.01	< 10	< 10	70	< 5	59
12013	205 238	< 1	0.43	13	1010	18	< 5	< 10	220	0.22	< 10	< 10	79	< 5	41
12014	205 238	< 1	0.02	9	750	18	< 5	< 10	31	< 0.01	< 10	< 10	16	< 5	49
12015	205 238	< 1	0.01	8	370	14	5	< 10	248	< 0.01	< 10	< 10	14	5	61

CERTIFICATION: *B. Long*



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T. NITED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

Project : VEN/TG1/A/G

Comments:

Page No. -A

Tot. Pages: 1

RIGEL-Pan Concentrate Samples

CERTIFICATE OF ANALYSIS A8716379

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As 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 %	Mn ppm
001	235 238	18	1.61	0.2	20	1240	< 0.5	4	1.27	0.5	14	128	45	4.52	10	< 1	0.20	20	0.75	511
003	235 238	7	1.42	< 0.2	20	290	< 0.5	< 2	0.47	0.5	12	61	37	3.76	< 10	< 1	0.19	10	0.76	602
006	235 238	7	1.67	< 0.2	< 5	510	< 0.5	2	0.73	0.5	13	65	48	4.07	< 10	< 1	0.25	20	0.79	479
007	235 238	21	1.48	< 0.2	20	500	< 0.5	< 2	0.71	0.5	12	67	46	3.57	< 10	< 1	0.25	20	0.65	426

CERTIFICATION :



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TRUITED KENO HILL MINES LIMITED

409 BLACK ST.
WHITEHORSE, YUKON
Y1A 2N2

Project : VEN/TG1/A/G
Comments:

Page No. -B
Tot. Pages.

RIGEL-Pan Concentrate

CERTIFICATE OF ANALYSIS ^{Samples} A8716379

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
001	235 238	< 1	0.03	37	710	34	< 5	< 10	72	0.07	< 10	< 10	68	< 5	95
003	235 238	< 1	0.03	22	790	16	< 5	< 10	40	0.02	< 10	< 10	61	< 5	95
006	235 238	< 1	0.02	23	770	18	< 5	< 10	47	0.04	< 10	< 10	63	< 5	103
007	235 238	< 1	0.03	20	720	12	< 5	< 10	48	0.03	< 10	< 10	51	< 5	96

002A78

CERTIFICATION :

SAMPLE PREPARATION

Code 201: Dry sample and sieve through -80 mesh screen.

32 ELEMENT GEOCHEMISTRY PACKAGE

ICP - AES

Prepared sample (0.5 g) is digested with concentrated nitric-aqua regia acid at medium heat for approximately 2 hours. The acid solution is diluted to 25 ml with demineralized water, mixed and analyzed on a Jarrell-Ash 1100 Plasma unit after calibration with proper standards.

Results are corrected for spectral interelement interferences.

*Al	0.01 %	*Cr	1 ppm	Mn	1 ppm	*Na	0.01 %
Sb	5 ppm	Co	1 ppm	Hg	1 ppm	*Sr	1 ppm
As	5 ppm	Cu	1 ppm	Mo	1 ppm	*Tl	10 ppm
*Ba	10 ppm	Fe	0.01 %	Ni	1 ppm	*Ti	0.01 %
*Be	0.5 ppm	*Ga	10 ppm	P	10 ppm	*W	10 ppm
Bi	2 ppm	*La	10 ppm	*K	0.01 %	U	10 ppm
Cd	0.5 ppm	Pb	2 ppm	Se	10 ppm	V	1 ppm
*Ca	0.01 %	*Mg	0.01 %	Ag	0.2 ppm	Zn	2 ppm

*Elements for which the digestion is possibly incomplete.

GEOCHEM: FIRE ASSAY PRECONCENTRATION, AAS FINISH FOR AU

A 10 gram sample is fused with a basic litharge flux inquarted with 10 mg of Au-free silver and then cupelled. Beads for AA finish are digested for 1/2 hour in 1 ml HNO₃ then 3 ml HCl are added and further digested for one hour. Samples are cooled and made to volume, mixed and run on the AAS with background correction.

Gold NAA ppb:

A 10 gm sample is fused in litharge, carbonate, and silicious flux. The resulting lead button containing any gold in the sample is cupelled in a muffle furnace to produce a precious metals bead. Sample beads, plus standard and blank beads are irradiated in a thermal neutron flux. The gamma emissions of the irradiated beads are counted utilizing a Ge (Li) detector and quantified for gold.

Detection limit: 1 ug/kg (ppb)