

EIP 86 - 001

DIAMOND DRILLING REPORT

RUTH 1-4 CLAIMS (YA 93146 - YA 93149)

NTS 105 D 11 W (60°41'20"N, 135°21'45"E)

by

A. HUREAU

for

E. KREFT

4 JUNE 86 to 19 AUG. 86

091899



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DRILL LOGS K 86-01 to K 86-04

LIST OF PLANS & SECTIONS

	<u>SCALE</u>	<u>FIGURE</u>
CLAIM LOCATION PLAN	1"=½mi	1
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DRILL SECTIONS		
900 E	1"=40'	
1000 E	1"=40'	
K 86-03	1"=40'	
K 86-04	1"=40'	

SUMMARY AND RECOMMENDATIONS

Four holes with an aggregate footage of 1494' were drilled in June and July '86 on the Jackson Creek property 8 miles west of Whitehorse. Drilling was done to follow up gold mineralization in skarn intersected in previous drilling, Vis. 1.3' @ 2.55 opt (15' @ 0.29) in KT 7, 1976 and 3' @ 0.356 opt in M1, 1983. Holes K 86-01, 02, 03 drilled below and east of the above intersections encountered only low gold values in the skarn. Previous drilling in 1975-1976 west of KT 7 also failed to intersect significant gold values. The zone of gold mineralization is now considered to be too small to warrant further work.

The wide skarn zone (160') intersected in K 86-03, 350' east of KT 7 proves the continuity of the skarn zone to the east and the favourable sediments-intrusive contact east of K 86-03 for two miles to Franklin Lake is largely overburden covered and remains relatively unexplored. Detailed magnetometer and soil sampling surveys on this contact may detect anomalies resulting from mineralization in the skarn.

A mapping and sampling program sponsored by DINA, currently in progress, may also reveal areas requiring further work west of the zone drilled.

Hole K 86-04, drilled to test a small magnetic anomaly, failed to intersect magnetic skarn. The skarn zone is small and apparently does not persist to the depth of the hole.

Trenching was done east of KT-7 to reveal the extent and attitude of dykes before locating K 86-03. Trenching was also carried out to reveal bedrock in an area 500' NW of K 86-04 where grab samples ran 0.04 gold and to 14 oz silver. The owner plans to drill this showing with a Winkie drill.

INTRODUCTION

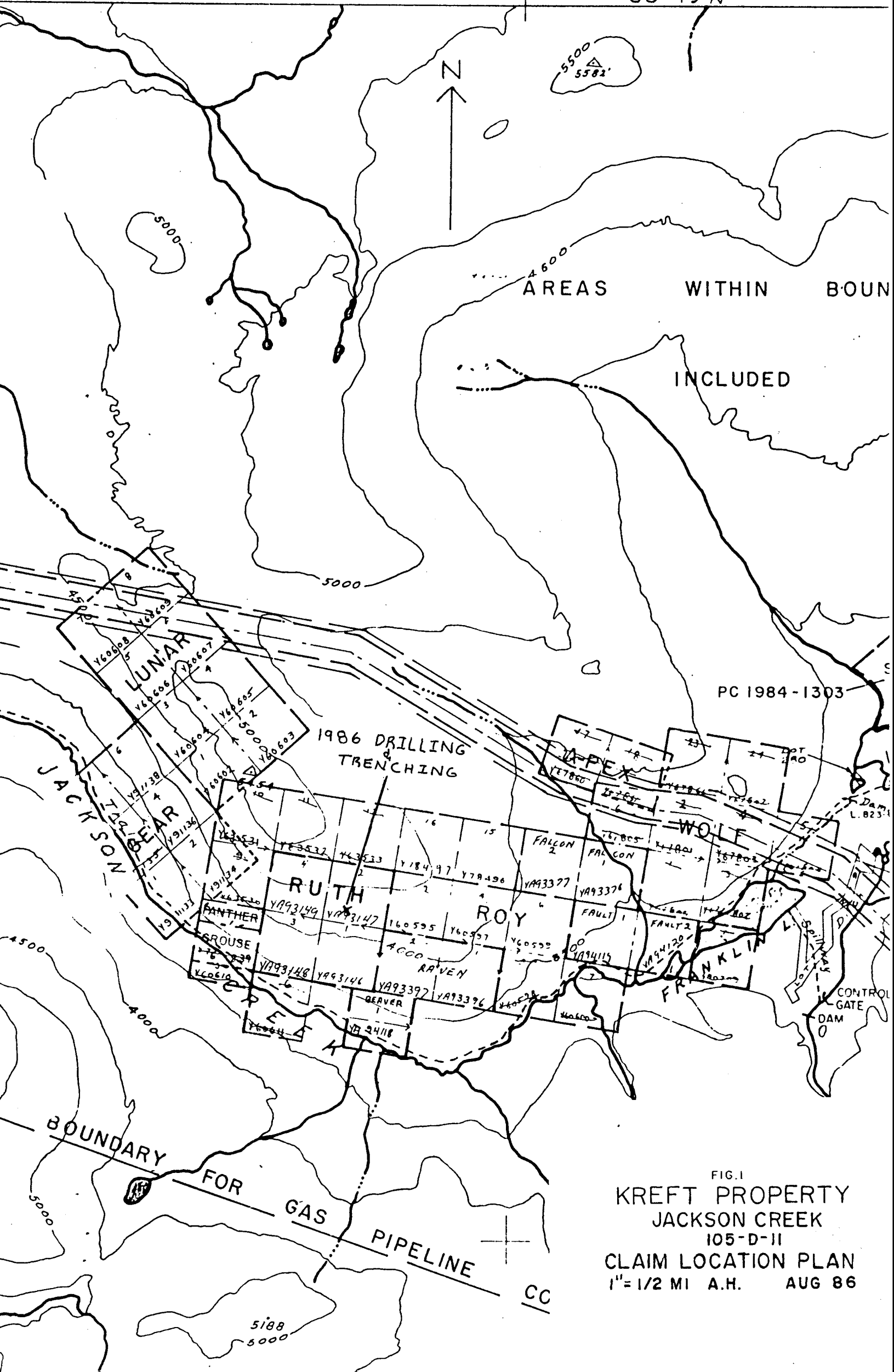
Copper, gold, silver bearing calc-silicate and magnetite skarn zones occur north of Jackson Creek at the contact of Upper Triassic Lewes River clastic sediments and carbonates with quartz-monzonite and granodiorite of the Eocene suite of volcano-plutonic rocks, at the east margin of the Coast Plutonic Complex.

The skarn zones at Jackson Creek, are outside the Whitehorse Copper Belt, which is along the contact of the mid-Cretaceous Whitehorse Batholith with Lewes River rocks, similar to those at Jackson Creek. The mineralogy and setting of the skarn zones are similar.

LOCATION, ACCESS AND TOPOGRAPHY

The main showings are located on the north side of Jackson Creek at 60°41'20"N, 135°21'45"W on NTS sheet 105 D 11W, 8 miles west of Whitehorse.

135°20'W 60°45'N



PC 1984-1303

FIG. 1
 KREFT PROPERTY
 JACKSON CREEK
 105-D-II
 CLAIM LOCATION PLAN
 1" = 1/2 MI A.H. AUG 86

Slopes on the hillside are in the order of 30° rising from 3300' in the valley floor to 5454' above the main showings which are at an elevation of 4100'.

From June to November the showings are accessible by a fairly good four wheel drive road from the west end of Franklin Lake two miles east. A cat trail was put in along the valley floor to a point on the creek south of the showings, to provide access to a water pump used for drilling. A four wheel drive road from west of Franklin Lake along the north side of the mountain put in by Zelon Inc. and E. Kreft in 1981 provides access to showings on the west end of the property.

OWNERSHIP

Twenty eight claims are held by E. Kreft (Takhini Hot Springs). A list of claims is attached as Appendix A.

HISTORY

The showings were found by E. Kreft and S. Takacs in 1970-71. New Jersey Zinc optioned the property in 1972 and completed a program of geological mapping, a magnetometer survey and six diamond drill holes with an aggregate footage of 1459'. N. J. Z. geologists apparently assumed that the dip of the mineralized zones was at a shallow angle to the north i.e. conformable to that of the sediments above the showings; their holes failed to intersect any significant skarn or mineralization and the option was dropped.

Whitehorse Copper Mines optioned the property in late 1974 and in 1975 extended the geological mapping and magnetometer surveys, trenched one of the larger magnetic anomalies, improved access roads and drilled six holes with an aggregate footage of 1401'. All holes except KT 5 (drilled 700' east of the most easterly showings) and KT 6 (not completed) intersected generally low grade copper mineralization skarn in the order of 40 to 80' thick while hole KT 3 on sect 8E intersected 20.1' at 5.6% Cu 7.9 oz/ton Ag and 0.03 oz/ton Au. Hole KT 4, drilled to intersect the high grade mineralization 100' down dip, intersected 60' of magnetite skarn with low copper and gold values.

Four holes (aggregate of 1550') were drilled by Whitehorse Copper Mines in 1976. KT6A and KT7 were drilled to test along strike the mineralization intersected in KT3. KT6A 100'W of KT3 intersected 28' of weakly mineralized skarn. KT7, 100'E of KT3 intersected high gold and bismuth values with assays of 1.3' @ 2.55 oz/ton Au and 5.8% Bi (re assay 3.90 oz/ton Au) or 15' @ 0.29 oz/ton Au. The high grade zone like that in KT3 was at a vertical depth of 110' and was 180' horizontally from the hill slope below the showings. The high gold values were in actinolite skarn in a grey metallic mineral believed to be bismuthinite.

At the completion of the '76 program it was decided by WCM that the potential tonnage was too small and the option was dropped.

The property was optioned by Zelon in 1981. Zelon carried out a soil sampling program on the north side of the mountain and put in a four wheel drive road to reach showings at the west end of the property. Zelon failed to meet other obligations stated in the agreement and the option was terminated.

The property was optioned by M. Nichiporek who drilled three holes (aggregate 285'). Hole M1 intersected 3' @ .356 opt Au 40' above that in KT7. The option was subsequently dropped.

The 1986 drilling program by the owner was designed to explore the known gold mineralization down dip and to the east and to drill previously untested showings. Four holes (1494') were completed extending the skarn zones but intersected only low gold values. Logs and sections showing drilling results accompany this report.

A list of holes is attached as Appendix B.

A list of persons who worked on the property is attached as Appendix C.

A study of the property initiated by DINA in 1986 is currently in progress.

GENERAL GEOLOGY

The property is located in the northwest margin of the Intermontaine Belt of the Canadian Cordillera in the western part of the Whitehorse Trough. The Western belt of the Whitehorse Trough consists of an island arc assemblage of mafic volcanic and volcano-sedimentary rocks grading upward and basinward into greywacke, siltstone and minor conglomerate capped by carbonate reef complexes. The island arc assemblage is overlain by a successor basin assemblage of Jurassic-Cretaceous conglomerate, greywacke, siltstone and sandstone (Laberge group).

The volcano-sedimentary rocks of the Whitehorse Trough are intruded by quartz diorite plutons of mid Cretaceous to Eocene ages which are part of the Coast Intrusive Complex. Calc silicate and magnetite skarn zones occur near the contact of Lewes River carbonate rocks with these intrusions.

Triassic and Jurassic volcano-sedimentary rocks, Coast Intrusions and skarn zones are all cut by dykes related to Coast Intrusions and Quarternary Miles Canyon Basalt.

LOCAL GEOLOGY

Lewes River Group

Siltstone greywacke and fragmental rocks (unit 4 on map) are overlain by several hundred feet of white and grey limestone, dolomitic limestone and black carbonaceous limestone (Unit 5 on map). The carbonate units are irregular and form discontinuous lenses which grade out into interbedded siltstone tuff and calcareous siltstone. The carbonate units are overlain by greywacke, sandstone and conglomerate which are probably correlative with Laberge rocks. In the area of the main showings, where drilling was done, the clastic rocks underlying the carbonate units appear to be in an asymmetrical antiform with the upper limb dipping at approximately 30° to the NE and the lower limb being near vertical.

Coast Intrusions

Lewes River rocks are intruded by an Eocene (55 My) quartz monzonite grandiorite pluton. It is coarse grained leucocratic, weakly porphyritic and shows only weak argillic alteration near the contact. Drilling in the area of the showings indicates that the pluton there dips from 30° to 65° NE.

An irregular plug of rusty weathering dark grey diorite intrudes the sediments above the main showings. It contains approximately 2% pyrrhotite with traces of CP. This intrusion (unit 8 on maps) is considered to be a phase of the Jackson Creek pluton.

Skarn Zones

Erratic skarn zones to 100' thick (garnet, epidote, actinolite, diopside and magnetite with minor serpentine) occur at the carbonate-intrusive, carbonate-siltstone and siltstone intrusive contacts. The siltstone-greywacke is locally skarnified and is locally recrystallized to diotitic texture. Copper mineralization (Chalcopyrite, bornite with magnetite and pyrrhotite) distribution within the skarns is erratic with the best copper gold and silver intersections associated with actinolite diopside, magnetite skarn. Oxidation of the sulphide and magnetite zones extends only a few feet below surface.

Little work has been done on the large skarn zones at the west end of the property. The calc-silicate skarns there contain little copper mineralization. The occurrence of erythrite has been reported there by the owners. The contact between the west showings and the main showings is well exposed and little mineralization has been found along it.

Faults

Several north and northeast trending gullies probably reflect faults. In a gully on the south side of Jackson Creek limestone and dolomite on the east side of the creek are in fault contact with siltstone and greywacke on the west side of the creek for nearly a mile.

Only minor faults were encountered in drilling. Ground conditions were good.

GEOPHYSICAL RESULTS

Magnetic surveys in 1975 using a vertical field Sharp MF. 1 magnetometer outlined the magnetite bearing skarns. Both the quartz-monzonite and diorite intrusions have a higher magnetic intensity than the limestone and clastic rocks so that the intrusive contacts can be delineated easily. Since some of the better grade copper-gold mineralization was associated with skarn that has little magnetite and the near massive magnetite skarns were generally low grade, a magnetometer survey, using a proton mag, may better delineate the trends of weakly magnetic skarn zones to assist in drilling. The diorite above the showings is variably magnetic and while the MF-1 survey generally outlines the intrusive a proton mag survey would probably define the contacts more accurately.

The G.S.C. aeromagnetic map 105-0-11 gives a general outline of the Jackson Creek intrusion. Chalcopyrite has been reported (G. Morrison) in the sediments near the south east end of this intrusion south of Jackson Creek and in float in a creek draining this area (E. Kreft).

A test survey in 1976 over the high grade intersection in KT3 (20' @ 5.6% Cu) using a Crone "Shootback" instrument gave a very weak anomalous response. EM16 surveys northwest of Franklin Lake yielded several anomalies the strongest of which gave a very low response using EM 16 and Crone instruments. Trenching of the anomaly uncovered pyritic greywacke at bedrock.

1986 DRILLING RESULTS

K86-01 (Sect. 1000E) passed from hornfelsed pyroclastics to skarn at 91' indicating a steep dip to the north for the original limestone-pyroclastics contacts. The hole was in skarn and dykes to the intrusive contact at 326'. A graphite rich skarn zone at 115' is believed to correlate with the zone of gold mineralization on sect. 900E. All gold assays were low. Bismuth content with which the gold was associated in KT7 was also low. Minor copper, scheelite and zinc were present.

K86-02 (Sect. 900E) was drilled under KT7. Little skarn was encountered and gold values were low. The hole was in a dyke for approximately 43' in the projected skarn zone. The intrusive was reached without intersecting the FW pyroclastics.

K86-03 was drilled 350' east of KT7 and intersected a wide (160') skarn zone consisting mainly of garnet-epidote. The FW pyroclastics were not intersected and were probably cut off by the intrusive. They have been mapped near the intrusive contact 2000' east and where in contact there with carbonates would provide a favourable locus for mineralization.

K86-04 drilled to test a small magnetic anomaly passed through limestone, hornfels and numerous dykes before entering a strongly altered intrusive. The source of the anomaly apparently does not persist to the depth of the hole.

TRENCHING

Trenching was done east of KT7 (Fig.2) to reveal the extent and attitude of post ore dykes before hole K 86-03 could be located. Trenching was also done to expose bedrock 500' NW of K86-04 where grab samples assayed 0.04 Au and to 14 opt Ag. The proposed hole to test this zone was postponed and the owner plans to drill the showing with a Winkie drill.

REFERENCES

- | | | |
|-----------------|------|---|
| MORRISON, G. W. | 1981 | Setting and Origin of Skarn Deposits in the Whitehorse Copper Belt. PH.D. Thesis University of Western Ontario. |
| REID, R. E. | 1975 | Kreft-Takacs - Summary Report Whitehorse Copper Mines |
| SINCLAIR ET AL | 1976 | M. I. R. Yukon Territory
<u>P</u> 101-104 |
| TENNEY, D. | 1976 | Whitehorse Copper Mines Company Correspondence |
| WHEELER, J. O. | 1953 | Whitehorse Map Area
G. S. C. Mem. 312 |

GEOLOGICAL LEGEND	
CENOZOIC	
QUATERNARY	
PLEISTOCENE & RECENT	
735	□ ALLUVIUM, GLACIAL DRIFT
746	□ MILES CANYON BASALT
POST CRETACEOUS	
INTRUSIVE DYKES OR SILLS	
755	□ ACIDIC GRANITIC, APLITE, FELSITE, ^{9a may predate skarn}
734	□ BASIC ANDESITE, DIORITE, POST-ORE, ^{9b porphyry}
MESOZOIC	
CRETACEOUS	
COAST INTRUSIVES	
758	□ DIORITE
8a	ALTERED (ENDOSKARN)
81	MINERALIZED ENDOSKARN, MALACHITE, CHALCOPYRITE, BORNITE, 7m QUARTZ-MONZONITE
752	□ 7g GRANITE, 7b GRANIORITE,
LOWER JURASSIC & LATER	
746 1/2	□ LABERGE GROUP
UPPER TRIASSIC	
LEWES RIVER GROUP (METAMORPHOSED)	
740 1/2	□ LIMESTONE AND/OR DOLOMITE, 5b-CARBONACEOUS LIMESTONE
736 1/2	□ QUARTZITE, GREY WACKE, 4q QUARTZITE
4	SILTSTONE, TUFF, 4g GREY WACKE
3	ARGILLITE, ARKOSE, 4x ARKOSE
738	□ SKARN BARREN, WITH
745	□ SKARN MINERALIZED,
2	BORNITE, CHALCOPYRITE, COPPER OXIDES, WITH
745	□ SKARN MAGNETITE, BORNITE, CPY, VALERITE, COPPER OXIDES, WITH
d	ACTINOLITE
c	CHLORITE
d	DIOPSIDE
e	EPIDOTE
f	FELDSPAR
z	ZOISITE
g	GARNET
s	SERPENTINE
t	TREMOLITE
w	WOLLASTONITE

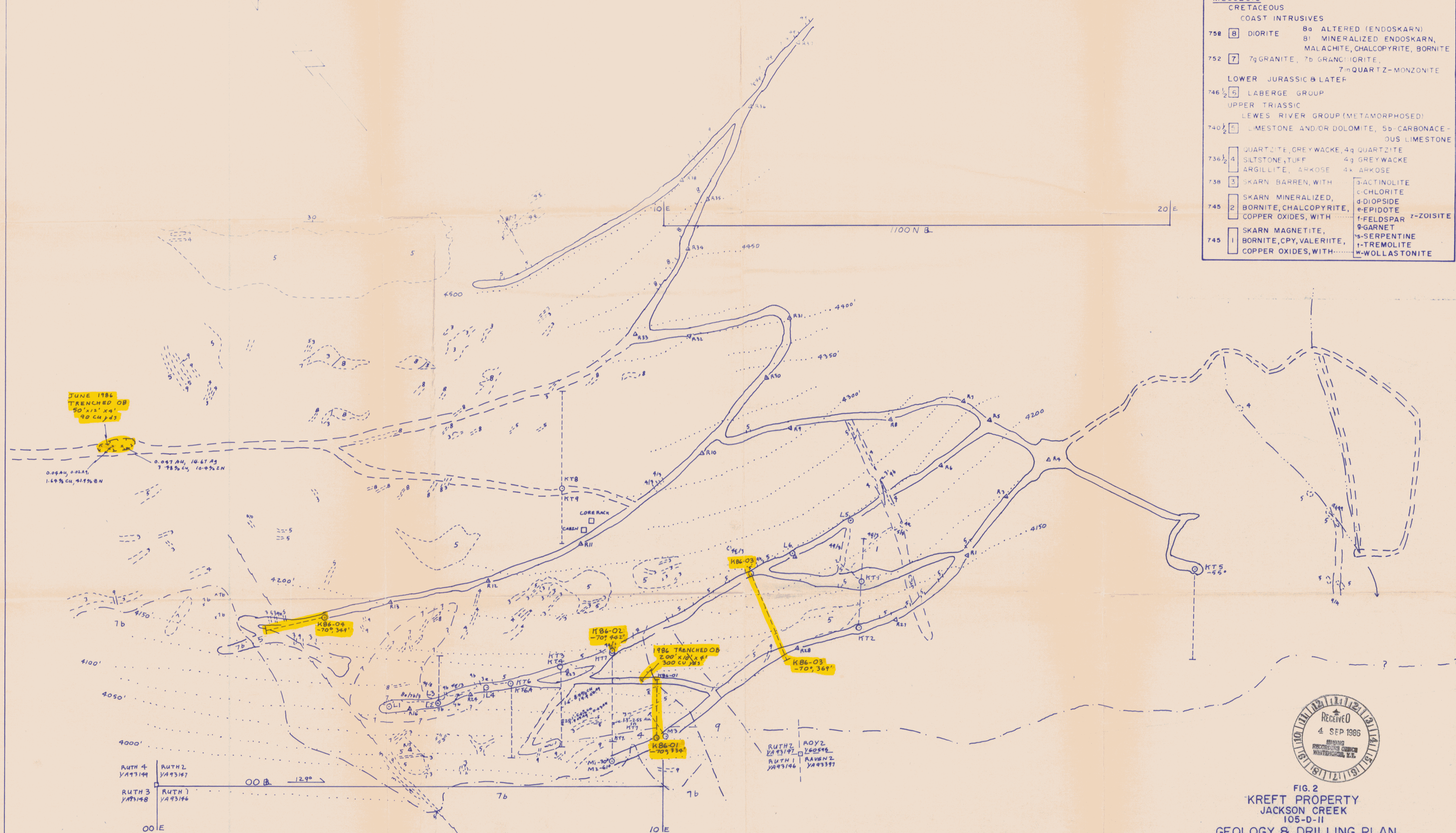


FIG. 2
KREF PROPERTY
JACKSON CREEK
105-D-II
GEOLOGY & DRILLING PLAN
 A. HUREAU 1"=100' AUG 86
 Work done June + July 86
091899

APPENDIX A

CLAIMS LIST

JACKSON CREEK (105-D-11)

LUNAR 1-8	Y60602 to Y60609
GEAR 1, 2, 4, 6	Y91133, 34, 36, 38
RUTH 1, 2, 3, 4	YA93146, 47, 48, 49
ROY 2, 4, 6, 15, 16	Y60595, 97, 99, Y78496, 97
FAULT 1, 2	YA94119, 20
FALCON 1, 2	YA 93376, 77
RAVEN 1, 2	YA 93396, YA 93397
BEAVER	YA 24118

APPENDIX B

DRILL HOLE SUMMARY

HOLE #	N	E	EL	AZ	DIP	SIZE	OB DEPTH	DEPTH	START/COMPLETE
K86-01	098	987	4059	039°	-70°	NQ	10'	334'	14/17 June/86
K86-02	259	900	4152	219°	-70°	NQ	13.5'	442'	18/22 June/86
K86-03	435	1130	4222	197°	-60°	NQ	16'	369'	24/29 June/86
K86-04	330	330	4183	301°	-70°	NQ	14	349'	30 June/ 5 July/86
							Total - 1494'		

Drilling Contractor: D. McKenna
 Kluane Drilling
 65 - 100 Lewes Blvd.
 Whitehorse, Y. T.

Tractor Contractor: A. Fekete
 112 Park Lane
 Whitehorse, Y. T.

APPENDIX C

The following personnel worked on the property during the June/July 86 drilling program:

Jacques Duchaine		Takhini Hot Springs
B. Kreft		Takhini Hot Springs
E. Kreft		Takhini Hot Springs
A. Hureau		32 Stewart Rd. Whitehorse
D. McKenna	Drilling Contractor	65-100 Lewes Blvd., Whitehorse
J. Kelly	Driller	65-100 Lewes Blvd., Whitehorse
N. Grimley	Driller	65-100 Lewes Blvd., Whitehorse
A. Fekete	Tractor Contractor	112 Park Lane, Whitehorse

Report Preparation - A. Hureau - 6 days

APPENDIX D

STATEMENT OF QUALIFICATIONS

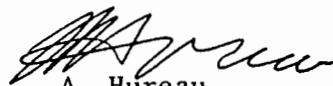
ANDREW HUREAU

ADDRESS: 32 Stewart Road
Whitehorse, Y. T.
Y1A 3S3

EDUCATION: BSc. Geology 1961

EMPLOYMENT: Employed 23 years in Mining and Exploration
Geology including 12 years on Whitehorse
Copper Belt. Currently employed as
Senior Geologist with Terra Mines Ltd.
Edmonton, Alberta.

REGISTRATION: Fellow of Geological Association of Canada


A. Hureau
14/Aug./86

EXPLORATION ASSAY DATA

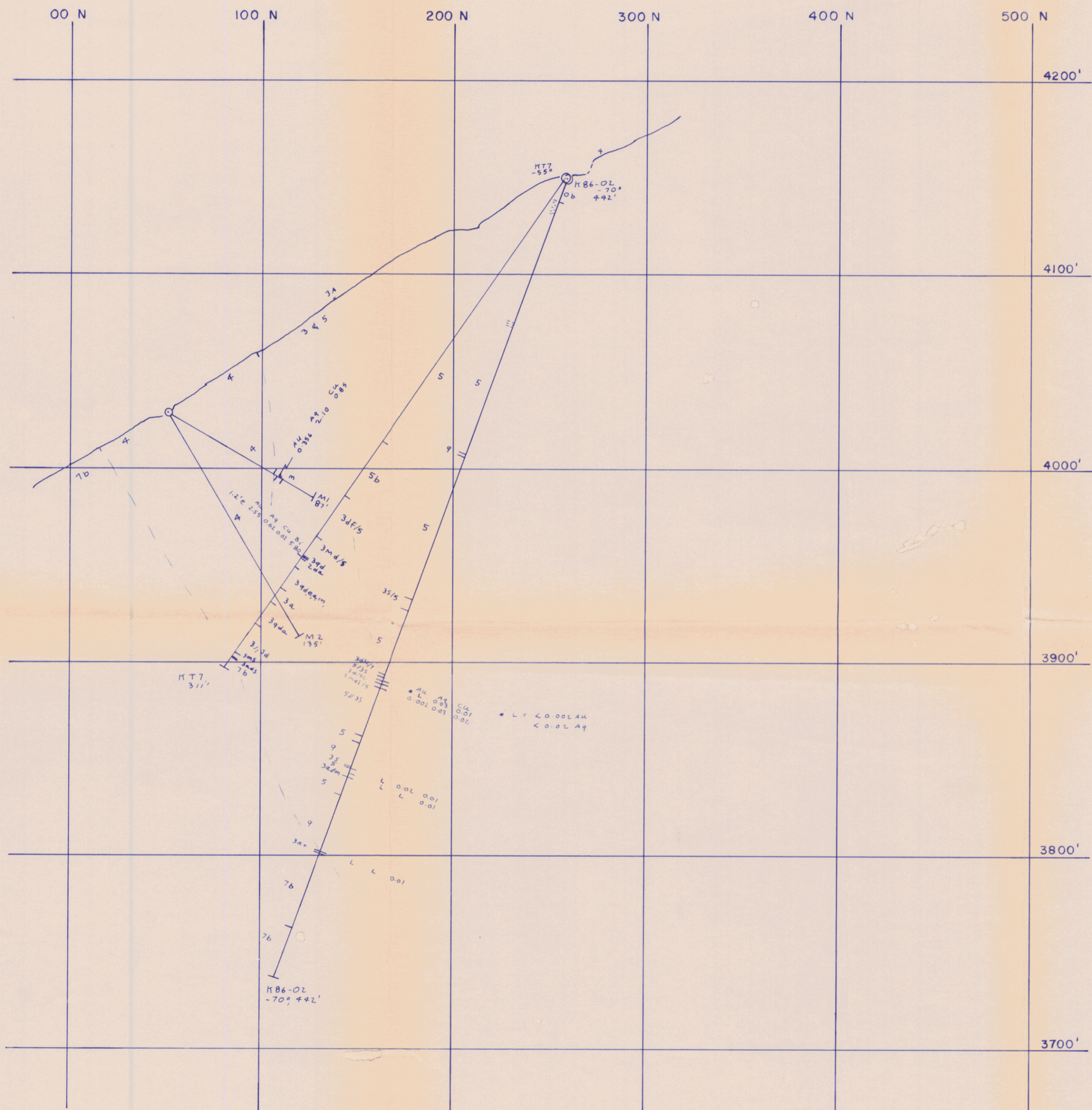
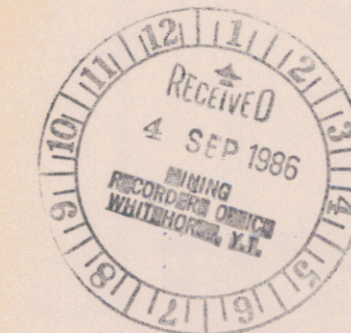
Property KREFT
105D11

Date 20/6/06
Page No. 1

Sample No.	Hole No.	Footage		Length	Rec.	%Cu	OPF	OPF	Bi	W03	ZN
		From	To				Au	Ag			
95210	K86-01	90.5	91.6	1.1	1.1		<0.002	0.03			
211		91.6	96.0	4.4	4.4		0.002	<0.02			
212		96.0	101.0	5.0	5.0		0.003	<0.02			
213		101.0	106.0	5.0	5.0		0.007	<0.02			
214		106.0	113.4	7.2	7.2		0.003	<0.02			
215							Not	Used			
216		113.4	115.0	1.6	1.6	0.02	0.002	<0.02	0.02	0.07	
217		115.0	116.2	1.2	1.2	<0.01	0.002	<0.02	0.01	0.02	
218		116.2	118.0	1.8	1.8	0.08	0.002	0.07	0.09	0.07	
219		118.0	124.0	6.0	6.0		0.003	<0.02	0.02		
220		124.0	130.3	6.3	6.3		0.002	<0.02		0.02	
221		130.3	132.5	2.3	2.3		<0.002	<0.02	0.01	0.04	
222		132.5	135.8	3.3	3.3		0.02	0.24	0.03		
223		148.3	154.0	5.7	5.7	0.290	<0.002	0.27	0.02	0.02	0.03
224		154.0	160.0	6.0	6.0		<0.002	<0.02	0.03		0.03
225		160.0	166.2	6.2	6.2		<0.002	<0.02	0.03		0.02
226		171.0	175.0	4.0	4.0	0.310	0.003	0.49	0.02	0.02	
227		175.0	177.3	2.3	2.3	0.320	<0.002	0.26			
228		177.3	183.0	5.7	5.7	0.09	<0.002	0.16	0.02	0.06	
229		183.0	188.0	5.0	5.0	0.03	<0.002	0.02	0.02		
230		188.0	189.3	1.3	1.3	1.860	0.008	1.37	0.02	0.02	0.38
231		189.3	195.0	5.7	5.7		<0.002	0.02		0.01	
232		195.0	200.5	5.5	5.5	0.150	0.011	0.18	0.05	0.02	0.03
233		200.5	203.3	2.8	2.8	0.370	0.031	0.58	0.07	0.02	0.06
234		203.3	206.2	2.9	2.9		0.002	0.08	0.02		
235		224.5	229.2	4.7	4.7		0.003	<0.02			
236		231.3	235.7	4.4	4.4		0.002	0.03	0.01		
237		235.7	242.5	6.8	6.8	0.01	<0.002	<0.02	0.02		0.18
238		265.8	270.2	4.4	4.4		0.004	0.03	0.03		
239		321.4	323.0	1.6	1.6		0.005	<0.02	0.04		
C95 240		323.0	325.7	2.7	2.7		<0.002	<0.02	0.01		

FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA						
From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag
148.3	166.2	3	Mas + ca Sharn grn blk bedding 70°-90° lower ct 40° strks & blebs cp, py to 150' (1% cu) occ spec cp in remainder, radiating act xtais 151.8', py in fract fillings & occ euhedral grains from 160' Samples 148.3 - 154.0 154.0 - 160.0 160.0 - 166.2			C95223	5.7	5.7				<.002 0.27
						224	6.0	6.0				<.002 2.02
						225	6.2	6.2				<.002 2.02
166.2	171	5	LS w/ crystalline lower ct gradational									
171	175	5	1/3ms w/ marble with buds & patches mag & serp, 1.5" bud w 20% cp @ 173' bedding 70° @ 177.5' patch cp w blk sphal & mag w coarse crystalline ca xtais to 1cm Sample 171 - 175			226	4.0	4.0				<.002 0.99
175	177.3	3	M, as, & ca, Sharn grn blk, patches & specs cp, po (0.25% cu) lower ct gradational Sample 175 - 177.3			227	2.3	2.3				<.002 0.26
177.3	188	3	sm/s partially sharnified LS, occ specs cp, patches py @ 181' Sample 177.3 - 183.0 183.0 - 188.0			228	5.7	5.7				<.002 0.16
						229	5.0	5.0				<.002 0.07

FOOTAGE		ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA							
From	To		TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag	Insol
199.3	199.9	3 ad, m/s gy, grn, Ca rich stann, patches mag w blebs py Sample 199.3-199.9			C95249	0.6	0.6					
199.9	202.5	3s/ls black graphitic stann w 10% relic serpentinitized euhedral garnet blasts to 1cm, qen < 5mm occ w py haloes to 2mm Sample 199.9-202.5			C95250	2.6	2.6					
202.5	217	3 a, s, m, ls gy blk partially stannified ls, patches mag thruout, occ spec py patch cp @ 211', mag & graphite rich bud 214' - 215', bleb cp @ 211' Sample 202.5-207 207-212 212-217			C95251	4.5	4.5					
217	237'	3 a, g, ls partially stannified limestone as above but with no mag and increasing red brn garnet, occ spec py Sample 217-227 227-237			C95254	10	10					
237	248.5	3 g/des pale grn brn garnet stann q x'tals to 2cm, qen massive buding @ 247', 45° Sample 237-247			C95256	10	10					



GEOLOGICAL LEGEND 091899

CENOZOIC

QUATERNARY

PLEISTOCENE & RECENT

735 [Q] ALLUVIUM, GLACIAL DRIFT

746 [10] MILES CANYON BASALT

POST CRETACEOUS

INTRUSIVE DYKES OR SILLS

755 [9a] ACIDIC GRANITIC, APLITE, FELSITE, 9a - may predate skarn

734 1/2 [9b] BASIC ANDESITE, DIORITE, POST-ORE, 9b - porphyry

MESOZOIC

CRETACEOUS

COAST INTRUSIVES

752 [8] DIORITE 8a ALTERED (ENDOSKARN)

8b MINERALIZED ENDOSKARN, MALACHITE, CHALCOPYRITE, BORNITE

752 [7] 7g GRANITE, 7b GRANODIORITE, 7m QUARTZ-MONZONITE

LOWER JURASSIC & LATER

746 1/2 [5] LABERGE GROUP

UPPER TRIASSIC

LEWIS RIVER GROUP (METAMORPHOSED)

740 1/2 [5] LIMESTONE AND/OR DOLOMITE, 5b-CARBONACEOUS LIMESTONE

736 1/2 [4] QUARTZITE, GREYWACKE, 4q QUARTZITE

4g GREYWACKE

ARGILLITE, ARKOSE 4k ARKOSE

738 [3] SKARN BARREN, WITH

a-ACTINOLITE

c-CHLORITE

745 [2] SKARN MINERALIZED, d-DIOPSIDE

BORNITE, CHALCOPYRITE, e-EPIQOTE

COPPER OXIDES, WITH f-FELDSPAR z-ZOISITE

745 [1] SKARN MAGNETITE, g-GARNET

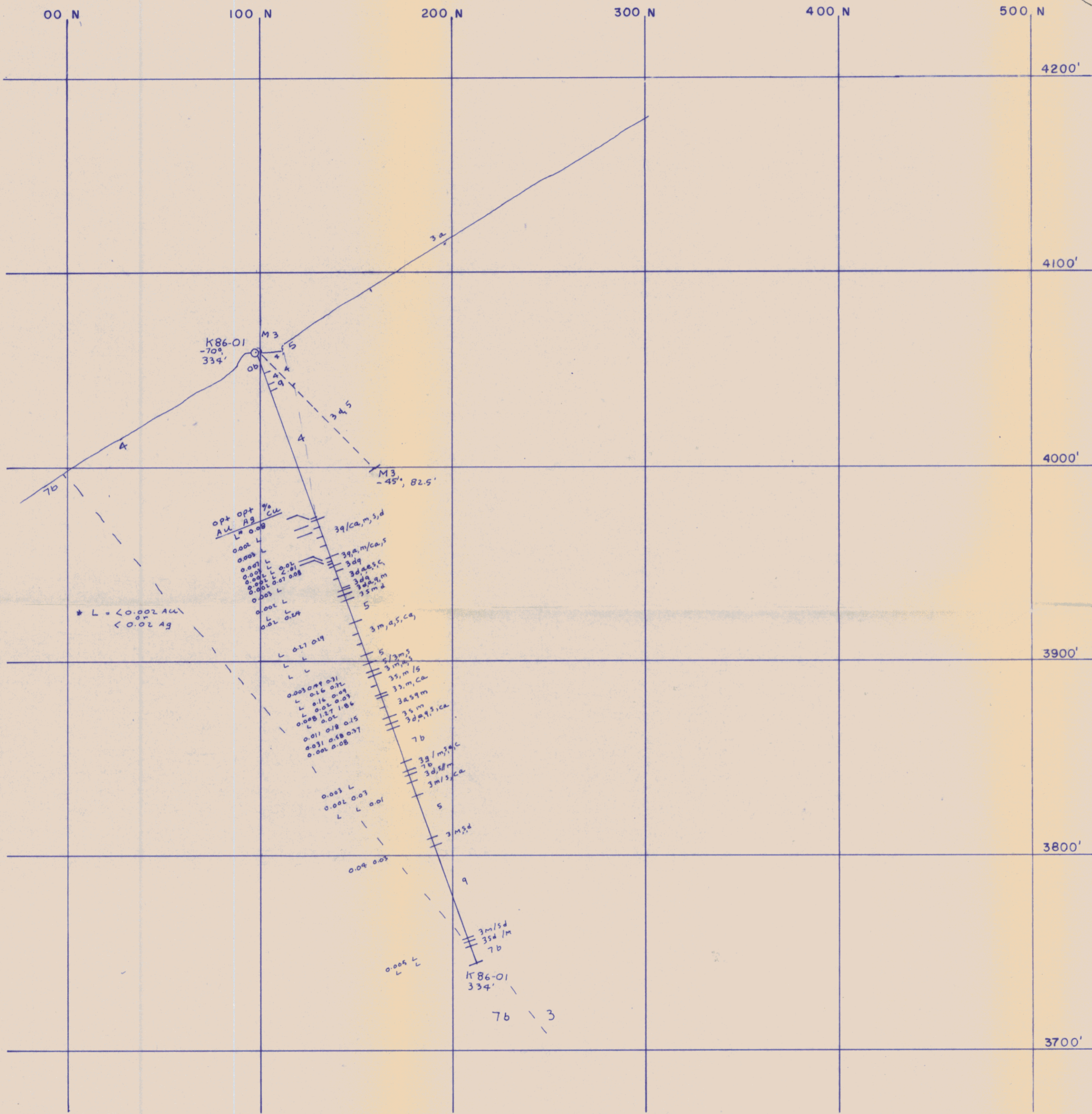
BORNITE, CPY, VALERIITE, s-SERPENTINE

COPPER OXIDES, WITH t-TREMOLITE

w-WOLLASTONITE

039° ↘

JACKSON CREEK
105 D 11
SECT 900 E
1" = 40' A.H. AUG 86



GEOLOGICAL LEGEND

CENOZOIC	
QUATERNARY	
PLEISTOCENE & RECENT	
735	Q ALLUVIUM, GLACIAL DRIFT
746	10 MILES CANYON BASALT
POST CRETACEOUS	
INTRUSIVE DYKES OR SILLS	
755	9a ACIDIC GRANITIC, APLITE, FELSITE, 9a - may predate skarn
734 1/2	9b BASIC ANDESITE, DIORITE, POST-ORE, 9b - porphyry
MESOZOIC	
CRETACEOUS	
COAST INTRUSIVES	
752	8 DIORITE 8a ALTERED (ENDOSKARN) 8i MINERALIZED ENDOSKARN, MALACHITE, CHALCOPYRITE, BORNITE
752	7 7g GRANITE, 7b GRANODIORITE, 7m QUARTZ-MONZONITE
LOWER JURASSIC & LATER	
746 1/2	5 LABERGE GROUP
UPPER TRIASSIC	
LEWES RIVER GROUP (METAMORPHOSED)	
740 1/2	5 LIMESTONE AND/OR DOLOMITE, 5b-CARBONACEOUS LIMESTONE
736 1/2	4 QUARTZITE, GREYWACKE, 4q QUARTZITE 4g GREYWACKE 4k ARKOSE
738	3 SKARN BARREN, WITH 3a-ACTINOLITE 3c-CHLORITE 3d-DIOPSIDE 3e-EPIDOTE 3f-FELDSPAR 3z-ZOISITE
745	2 SKARN MINERALIZED, BORNITE, CHALCOPYRITE, COPPER OXIDES, WITH 2a-SERPENTINE 2b-TREMOLITE 2c-WOLLASTONITE
745	1 SKARN MAGNETITE, BORNITE, CPY, VALERIITE, COPPER OXIDES, WITH 1a-TREMOLITE 1b-WOLLASTONITE

039° ↘

JACKSON CREEK
 105 D II
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