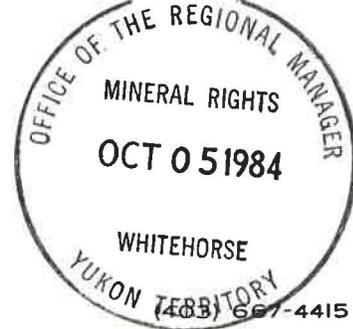


ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

Box 4127, 3125 Third Avenue
Whitehorse, Y. T. Y1A 3S9



091565

Assessment Report

on

Klort 1-8 Claims

Dawson Mining District

NTS 1150/15

by

J.K. Mortensen, Ph.D.

Archer, Cathro & Associates (1981) Limited

June 13, 1984

091565

TABLE OF CONTENTS

	<u>PAGE</u>
Introduction -----	1
Location, Access and Vegetation -----	1
History and Previous Work -----	1
Regional Geology -----	2
Property Geology -----	3
Mineralization -----	4
Geochemical Survey -----	6
Summary and Conclusions -----	7

LIST OF FIGURES AND TABLES

	<u>FOLLOWS PAGE</u>
Figure 1 Location Map -----	1
Table 1 Lithologic Units in the Klondike District --	2
Figure 2 Bedrock Geology -----	3
Figure 3 Soil and Silt Geochemistry -----	6

APPENDICES

Appendix I	Certificate
Appendix II	References
Appendix III	Letter re Application of Regional Mapping Costs to Property Assessment

Introduction

The Klort 1-8 claims were staked in June, 1983 by Archer, Cathro & Associates (1981) Limited on behalf of Dawson Eldorado Gold Explorations Ltd. The claims cover a gold-bearing quartz vein known as the Portland occurrence. The bedrock geology was examined briefly by the writer, and a limited amount of geochemical sampling was done on and near the property during 1983.

Location, Access and Vegetation

The property straddles the low ridge between Portland Creek and Robinson Pup, both of which are tributaries into the right limit of Dominion Creek, which crosses the northeast end of the property (Figure 1). Access is from the Dominion Creek Road, which borders the northeast edge of the property.

Virtually the entire Klondike District, with the exception of the summit of King Solomon Dome, lies below treeline. Vegetation on south- and southwest-facing slopes consists of stands of aspen or mixed aspen and birch, with varying amounts of underbrush, which generally becomes denser at higher elevations. Permafrost is commonly absent on south-facing slopes, but is much more widespread on north-facing slopes. Such north-facing slopes are characterized by scattered scrub spruce or mixed spruce and aspen, with varying amounts of underbrush. The ground is commonly covered by very thick moss, which passes downward into frozen peat-like material and then into frozen soil.

History and Previous Work

The property was staked as the Jumbo, Good Faith, Clara, Baker and Huron mineral claims in September, 1901 by W.J. Chance and W.R. Mitchell, who drove a 67 ft adit and dug numerous shallow shafts and trenches between 1902-08.

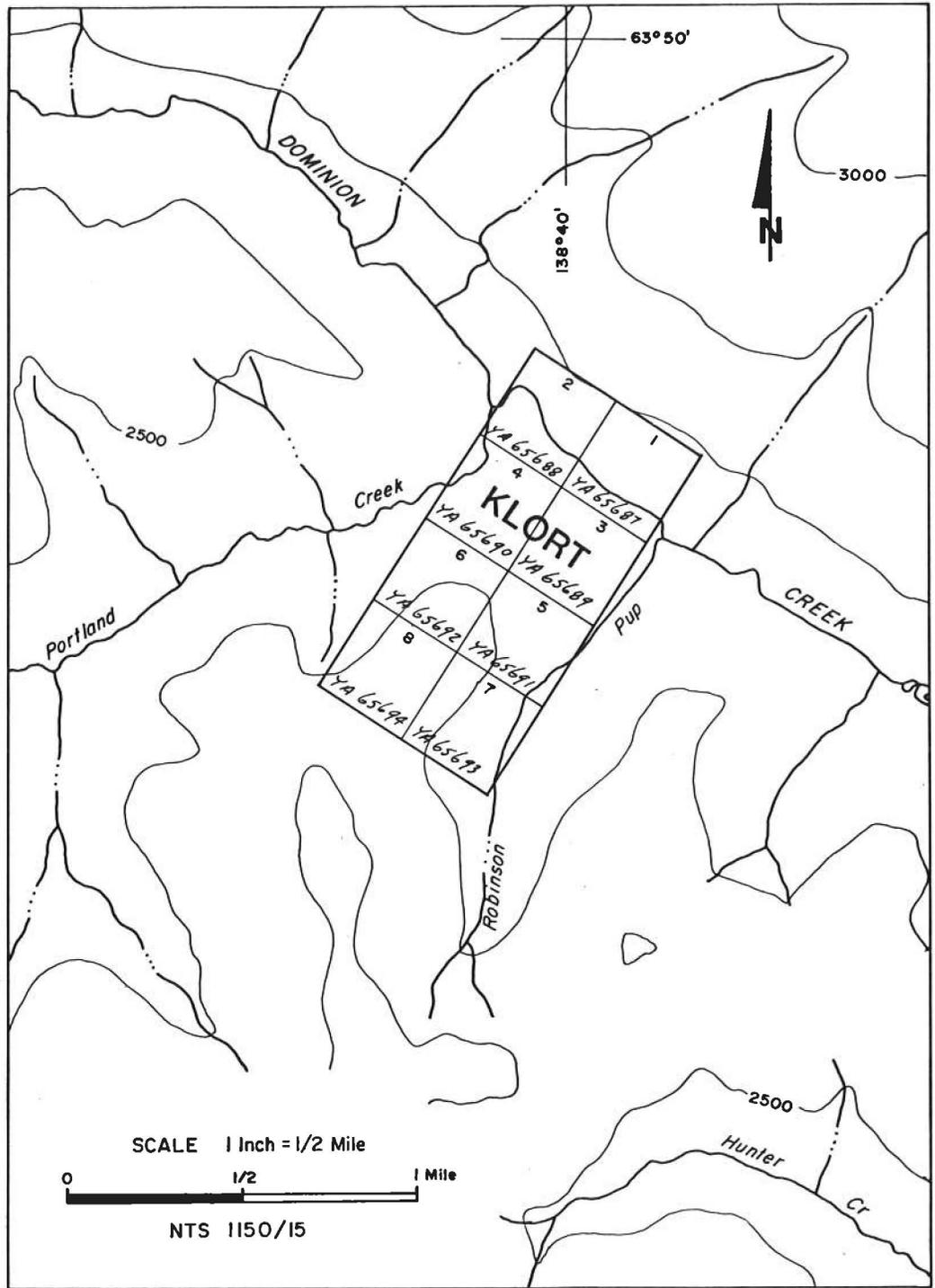


Figure 1
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LOCATION MAP
KLORT CLAIMS
 KLONDIKE PROJECT

Regional Geology

The Klondike District lies within the unglaciated portion of the Northern Cordillera, and experienced strong surface weathering during the early and mid-Tertiary. As a result, bedrock exposure is extremely limited (considerably less than one percent), and surface weathering locally extends to depths of 80 m or more. The scarcity of outcrop necessitates a regional approach to understanding the geology of individual properties (many properties in the Klondike have only one or two outcrops on them). In the following report, the property geology is discussed and interpreted in the light of regional mapping carried out by the writer during the 1983 field season. The bedrock geology of the property and adjacent areas is based on data collected from available bedrock and subcrop (which is usually confined to road cuts, placer workings, and ridge crests), as well as the distribution of various lithologies as rock chips in the overburden. Since solifluction and downslope creep are the only processes operating to transport the rock chips, the latter technique can be used (with caution) to approximately locate lithological contacts in overburden-covered areas.

The Klondike District is underlain by a series of thrust sheets that are separated by regional-scale thrust faults. Discontinuous lenses of altered ultrabasic rocks occur along the thrust faults. The rock units that make up the various thrust sheets are described briefly in Table I.

An early pre-thrusting, metamorphic foliation that parallels compositional layering is pervasive in all rock units except the ultrabasic rocks and the younger intrusions and volcanic rocks (units KTqfp, KTvs and Mzd). The thrust faults are deformed by at least three younger phases of deformation. The second phase event (F_2) produced west- to northwest-trending folds that are developed

TABLE I

LITHOLOGIC UNITS IN THE KLONDIKE DISTRICT

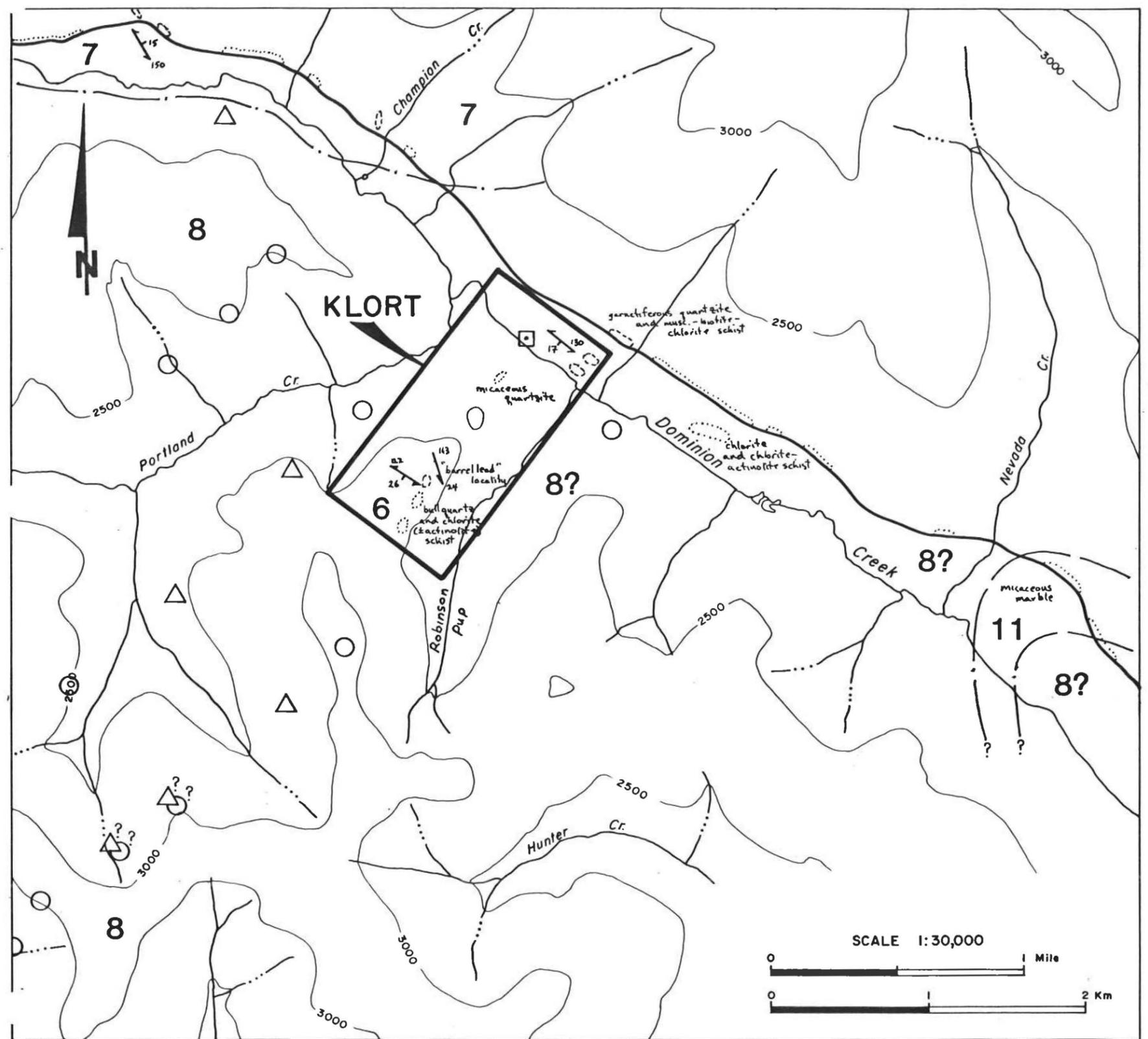
<u>Unit</u>	<u>Map Symbol</u>	<u>Description</u>
15	KTqfp	- unfoliated quartz-feldspar porphyry
14	KTvs	- interbedded immature clastic rocks and intermediate to mafic volcanic rocks
13	Mzd	- unfoliated hornblende diorite and quartz diorite
12a	Pzub	- variably altered ultrabasic rocks (serpentinite, talc-carbonate rock, and silica-carbonate rock)
12b	Pzgr	- massive to weakly foliated greenstone
11	Pzm	- schistose impure marble
10	Pzmq	- muscovitic quartzite
9	Pzqs	- carbonaceous quartz-muscovite phyllite and schist (locally includes minor 6 undifferentiated)
8	Pzmcq	- fine-grained muscovitic and chloritic quartzite
7	Pzqms	- tan to rusty weathering quartz-muscovite, muscovite-quartz, and muscovite schist
6	Pzcs	- chlorite and chlorite-quartz-muscovite schist (includes minor amphibolite)
5	Pzqe	- "quartz-eye schist" (quartz-muscovite schist with abundant clear to bluish quartz [\pm feldspar] augen)
4	Pzqd	- weakly to moderately foliated, medium-grained, quartz dioritic orthogneiss
3	Pzmg	- weakly to strongly foliated metagabbro
2	Pzmd	- weakly to strongly foliated metadiorite
1	Pzog	- strongly foliated granitic to quartz monzonitic orthogneiss

to varying degrees throughout the district. The third phase (F_3) includes northwest-trending folds and is only recognized in the northeastern portion of the district. Late, small-scale warping (F_4) is noted locally. Little evidence was seen for large-scale steep faulting in the area, although abundant topographic linears suggest that small-scale steep faults may be common.

Two distinct generations of quartz veins are recognized regionally in the Klondike District. The most abundant is an early generation of metamorphic quartz veins (referred to as "foliaform quartz") that comprise narrow lenses and pods parallel to the F_1 foliation. Minor amounts of ferroan carbonate, pyrite and white to pale pink feldspar occur locally in the foliaform quartz. A younger set of quartz veins (referred to as "discordant quartz") form tabular veins that crosscut compositional layering in the schists as well as the F_1 and F_2 foliations. These veins reach 2.5 m in thickness in parts of the Klondike District. Pyrite is commonly present, usually as narrow selvages. Other sulphides, notably galena, sphalerite, tetrahedrite, stibnite, chalcopyrite and arsenopyrite, and free gold occur in trace elements in the discordant veins. Manganese staining is common on weathered samples of vein material. Sampling of veins from throughout the Klondike has shown that gold is confined almost exclusively to the discordant veins.

Property Geology

The bedrock geology of the Klort group (Figure 2) is poorly understood at this time. It is mainly underlain by micaceous quartzites and mica schists of Unit 8, and chloritic schists of Unit 6. Carbonaceous quartz-muscovite schist is also abundant in dredge tailings on Dominion Creek where it crosses the property. The metamorphism grade associated with F_1 , which is at chlorite



LEGEND

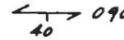
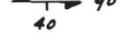
-  thrust fault (defined, inferred)
-  lithological contact (defined, inferred)
-  outcrop and disrupted outcrop
-  subcrop and local float in overburden
-  lithological identification of rock chips in soil
(Units 3, 5, 6, 7, 8, 9, 15 respectively)
-  trench or hand pit
-  adit
-  shaft
-  F₁ foliation, parallels compositional layering (strike, dip)
-  F₂ foliation (strike, dip)
-  F₂ crenulation lineation (trend, plunge)
-  soil sample location (As content in ppm by ICP, Au content in ppb, NAA)
-  silt sample location (" " ")
-  geochemical sample of fines in waste dumps (" " ")

Figure 2
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BEDROCK GEOLOGY
KLORT PROPERTY AND VICINITY
KLONDIKE DISTRICT, YUKON
KLONDIKE PROJECT

or biotite grade throughout most of the Klondike rises dramatically in the vicinity of the claim group. About 3 km from the mouth of Portland Creek, the grain size of the schists shows a marked increase, and biotite becomes relatively abundant. Outcrops on the Dominion Creek Road and in the bed of Dominion Creek opposite the mouth of Robinson Pup are medium- to coarse-grained schist, with abundant garnet and hornblende porphyroblasts. The garnets reach 2 cm in diameter and hornblende prisms are up to 8 cm in length. Garnet, kyanite and staurolite are common in placer concentrates from Dominion Creek below this point (Gleeson, 1970, pp. 31-38). Associated with the high-grade schists are dark green chlorite-biotite-actinolite schists. Along the ridge towards the southwest end of the property, bedrock is exposed in a large hand trench. At this point, bedrock consists of fine- to medium-grained, medium to dark green, chlorite and chlorite-actinolite schist with abundant foliaform quartz.

A major thrust fault which emplaces chlorite schist of Unit 6 above micaceous quartzites of Unit 8 crops out 4 km west of the property. This thrust is approximately flat-lying in this area. It is considered likely that the thrust surface dips shallowly to the northeast as it approaches the property and that the upper portion of the ridge between Portland Creek and Robinson Pup and adjacent ridges to the south are actually klippen of upper plate rocks. Lack of outcrop precludes mapping such a thrust contact in detail; the presence of a thrust fault would, however, help explain the abrupt increase in metamorphic grade on the property from chlorite to garnet-kyanite grade over a distance of less than 2 km.

Mineralization

The property was examined by MacLean during the summer of 1912 (MacLean,

1914, pp. 101-104). Most of the workings present at that time have since caved or been completely overgrown. MacLean described an occurrence of "barrel leads" on the Good Faith mineral claim. MacLean stated: "This lead consists of 5 barrels, 3 being one above the other, and 2 lying side by side, immediately to the south. Of the first 3 barrels, the lower 2 are each 18 inches in diameter, and the upper one is 24 inches, and include a few inches of schist between the quartz A more accurate impression of these barrel leads is conveyed by comparing the component parts of the vein to trunks of trees lying side by side." This particular trench was located during the 1983 mapping. The "barrel leads" are in fact very elongate bodies of foliaform quartz occurring in the hinges of mesoscopic F_2 folds in chlorite schist. They consist mainly of coarse-grained, clear to milky quartz, with minor coarse-grained medium brown weathering ferroan carbonate. A sample collected by MacLean from this locality contained no gold values. Large masses of foliaform quartz of this type appear to be rather common on the property. MacLean describes such an occurrence on the Jumbo claim several hundred feet west of the "barrel lead" locality. Two other large areas of foliaform quartz in float and subcrop were located southwest of the "barrel lead" locality.

A discordant quartz vein 20 inches wide, striking 105° and dipping 20° to the northeast, was reported by MacLean (p. 102) from a trench on the left limit of Robinson Pup. Two samples taken across the vein about 35 feet apart gave values of 0.02 oz/ton Au and trace, respectively. The latter sample showed a few fine colours of gold in the pan.

A second vein occurs about 2000 feet further to the southeast. It is about 20 inches wide, strikes 060° and dips at 58° to the southeast (MacLean, p. 103). A sample assayed by MacLean contained only a trace amount of gold.

On the Huron claim, MacLean reported a body of rusty quartz containing minor galena and sphalerite that was at least 37 by 7 feet in area. Two samples were assayed and contained only traces of gold, although one of them contained 0.16 oz/ton silver.

Geochemical Survey

Portions of two regional soil sample lines cross the immediate vicinity of the property (Figure 3). Samples from these lines were analyzed for 13 elements (As, Mo, Zn, P, Pb, Bi, Cd, Co, Ni, Fe, Mn, Cu and Ag) by ICP and for Au by neutron activation analysis. Au and As, which have proven to be the most important pathfinders for detecting gold-bearing vein mineralization in the Klondike District, are plotted on Figure 3. The values are near calculated background levels in most of the samples (5 ppb and 15 ppm, respectively). Two exceptions are a silt sample from a small tributary into the right limit of Portland Creek and a soil sample approximately 200 m to the northeast, which are both weakly anomalous in Au (10 and 44 ppb, respectively). All other elements in the sample are generally near background levels.

The geochemical results indicate an as yet undiscovered source of gold in soils in the western portion of the claim group, on the northwest side of the divide between Portland Creek and Robinson Pup. The samples from the more southerly sample line are from the right limit of Robinson Pup, and indicate that gold-bearing veins are probably not present in that area. No sampling has yet been done on the left limit of Robinson Pup to evaluate the geochemical signature of the gold-bearing veins described by MacLean from that area.

Summary and Conclusions

The Klort claims are underlain mainly by quartzites, chloritic and carbonaceous schists. It is probable that a shallow-dipping thrust fault passes beneath the divide between Portland Creek and Robinson Pup, emplacing chlorite and chlorite-actinolite schist on top of higher grade schists and quartzite. Barren foliaform quartz masses are abundant on the property. Discordant quartz veins containing minor amounts of pyrite, galena and traces of gold and silver are present in the southern part of the property. One of these veins is at least 7 feet in thickness.

The gold potential of the property has not been completely evaluated. Future work should concentrate on the southern portion of the property, and include a detailed soil grid location and re-sampling of the veins described by MacLean, followed by bulldozer trenching.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



J.K. Mortensen, Ph.D.

/mjm

ARCHER, CATIRO

▲ ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016-510 WEST HASTINGS STREET
VANCOUVER, B. C. V6B 1L8

(604) 688-2568

APPENDIX I

CERTIFICATE

I, James K. Mortensen, with residential address in Vancouver, British Columbia, do hereby declare

1. I am a geologist in the employ of Archer, Cathro & Associates (1981) Limited, 1016-510 West Hastings Street, Vancouver, B.C. V6B 1L8.
2. I am a graduate in geological engineering of the University of British Columbia (B.A.Sc., 1977, M.A.Sc., 1979) and graduate in geology of The University of California, Santa Barbara (PhD., 1983).
3. I am a member of the Geological Association of Canada and the Geological Society of America.
4. I am a registered Engineer-in-Training in the Association of Professional Engineers of British Columbia.
5. I have practised my profession as a geologist for the past eleven years.
6. I have supervised the work described in this report.

Respectfully submitted,



J.K. Mortensen, PhD.

/mc

APPENDIX II

REFERENCES

- Gleeson, C.F., 1970, Heavy Mineral Studies in the Klondike Area, Yukon Territory, Geological Survey of Canada Bulletin 173, 63 p
- MacLean, T.A., 1914, Lode Mining in Yukon, Mines Branch Publication 222, 205 p
- Northern Cordillera Mineral Inventory, NTS 1150/15, Occurrence 64, Archer, Cathro & Associates (1981) Limited, private publication

ARCHER, CATHRO

A ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

6-510 WEST HASTINGS STREET
VANCOUVER, B. C. V6B 1L8

(604) 688-2568

APPENDIX III

April 17, 1984

Mining Recorder,
Dawson Mining District,
Box 249,
Dawson, Y.T.
Y0B 1G0

Dear Sir:

Re: Application of Regional Mapping Costs in
Klondike District to Property Assessment

Part of the assessment work for 1983-84 filed on quartz claims in the Klondike area held by Dawson Eldorado Gold Explorations Ltd. or jointly by Dawson Eldorado and Archer, Cathro & Associates (1981) Limited consists of geological mapping outside of the individual properties for which the work was filed. We believe that this is justified because of the extreme scarcity of outcrop in the area and the lack of a detailed geological map of the Klondike which makes it impossible to interpret the geology of a particular property based solely on the very few bedrock exposures within the claim boundaries. In order to understand the bedrock geology of a claim group, it is therefore necessary to carry out more reconnaissance scale mapping in the general area of the property and extrapolate the regional geology onto the property.

Yours truly,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

/mc

J.K. Mortensen.

1016 - 510 WEST HASTINGS STREET
VANCOUVER, B.C. V6B 1L8



AFFIDAVIT

I, Joan Mariacher, of Whitehorse, Y.T. make oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the Klort 1-8 mineral claims on Claim Sheet 1150/4 is accurate.


Joan Mariacher

Sworn before me at Whitehorse, Y.T.

this 27 day of

June, 1984



Notary, Yukon Territory

Statement of Expenditures
Klort 1-8
June 13, 1984



Labour

J. Mortensen (geologist) - 4 days field at \$125/day plus 4 days report preparation and literature search at \$168.75/day	\$1,175.00
M.P. Phillips (geologist) - 1 day literature search at \$218.75/day	218.75
K. Opsetmoen & J. Cathro (samplers) - total 1 day at \$62.50/day	62.50
J. Mariacher - 1 1/4 hours report preparation at \$35/hour	43.75

Expenses

Camp & field costs, travel, truck, freight and office costs	\$1,119.47	
Drafting - 3.5 hours at \$30/hour	105.00	
Chemex Labs Ltd. - 16 samples	<u>195.52</u>	1,419.99
		<u>\$2,919.99</u>

Project - KLONDIKE PROJECT
Date -- JUNE 30, 1983



MANAGEMENT

LABOUR

Supervisory - CIAI MAIN - 11 1/2 DAYS STAKING + EXPLORATION
JUNE 2 to 13 at 212.50/day

M.P. PHILLIPS - 10 1/4 DAYS STAKING, EXPLORATION
RTE @ 218.75/day

Field

J. MORTENSEN - June 3 to 30 @ \$3000/mo

K. OPSET MORN - JUNE 1-30 @ \$1550/mo

J. CATIRO - JUNE 28-30 @ 1450

plus 25%

Casual

J. MARLACHER, 17 1/4 HRS EXPEDITE + SECRETARIAL
@ \$24/hr

EXPENSES

Accounting

Expediting

Room & Board in Whse

11 man days @ \$45/day total days at \$ /day 90

Field equipment from AC stock

Xerox copies, 421 copies at 25¢/copy

Radio rental RENTAL 8BX 11 - JUNE 4-30 @ 300/mo 70

Rental AC Brown truck 13 DAYS at \$40 /mo. day

plus (to) 2492 kms at 25¢/km

Petty cash 14.30 fut. + 36.25 D2, S.20C2, 2.C2

Telephone 29.56

Blueprinting, 63 sq. ft. Ozalid at 30 c/ft plus - sq. ft. Dilar at \$ - all/ft.

Drafting, 16 1/2 hrs. at \$ 24 /hr. 384.

Rental A.C. 4x4 truck for June 4/2,277

Receiving General, claim recording

cash for staking names

O.C. Paton, balance of staking fees

C.A. Main expenses, June 14 - maps, meals etc

Honolulu, cabin rental June 15 - Sept 15/83

C.P. Air fuel

Atlas Travel

Norcan Leasing

Upper Cross

C.P. Air fuel

Norcan Leasing

Dawson City Chem Store

Norcan Leasing

Cash

advance payment received June 28

Total

plus A.C. May 31 billing

ending

Total

2443.75

2242.19

2800.00

1550.00

145.00

plus 25%

414.00

495.00

3750.61

105.25

270.00

1143.00

57.75

29.56

18.90

396.00

800.00

1560.00

400.00

50.00

91.20

300.00

21.00

167.00

418.65

100.49

108.00

324.86

794.94

4.31

11,486.53

22,125.2

(20,000)

2,125.2

25,311.8

4965.11

Project - **KRONDIKE PROJECT**
 Date -- **JULY 31, 1983**

		Total
MANAGEMENT		
A. J. C. ...		
LABOUR		
Supervisory		
Field		
J. MORTENSEN - July 1-31 @ \$3000/mo		3000.00
J. CASTRO - July 1-31 @ \$1450/mo		1450.00
K. OPSKOT MORN - JULY 1-17 @ \$1050/mo		850.00
		<u>5300.00</u>
plus 25 %		1325.00
Casual		
EXPENSES		
8 1/4 Accounting } total 20 3/4 INCLUDING STAKING TIME & 11 Expediting } DRIVING STAKERS TO DAWSON @ \$24/hr		498.00 D3
Room & Board in Whse 2 mandays @ \$45		90.00 D2
total days at \$ /day		
Field equipment from AC stock		171.75 D1
Xerox copies, 179 copies at 25¢/copy		44.75 C1
Radio rental 5 Bx. 11 for July		300.00 D1
Rental AC truck at \$ /mo. plus (to) kms at /km		195.11 C2-19, D1-16, D2-16, D4-33, CV
Petty cash 19.02, 117.90 D1, 23.04, 6.94 D1, 16.62 D2, 10.04, 1.75 D1		195.11
Telephone 124.75 + 21.40		146.15 CV
Blueprinting, sq. ft. Ozalid at c/ft plus sq. ft. Dilar at \$ /ft		
Drafting, hrs at \$ /hr.		
Hav 4x4 taken for JULY 1-31		800.00 D4
M.P. Phillips expenses July 1, gasolin		81.93 - D4
BOOKS ON MAIN		11.50 D1
Yukon Grocers		68.50 - D4
Yukon Office Supplies		2.98 CV
C.A. Mac opened JULY 10 - all D2		46.90 - D2
Rec. Gen. record claim #80 #240		320.00 F
Rec. Gen. mags		81.40 - CV
Dawson City General Store		600.97 - D2
Hansen		49.18 - D1
Nelsons		10.15 - D1
Northern Metals		7.17 - D1
Huron Office		24.36 - CV
T & G Proche		162.15 - D1
Monte Carlo		135.94 - D1
Whse. Staking		80.39 - CV
Yukon Explorer		73.50 - D1
Atlas Travel		180.35 - D3
White Pass		756.51 - D4
INIA fit		77.07 - D3
Dawson City General Store		929.44 - D2
MAOB		27.80 - D1
Atlas Travel		467.50 - D3
		<u>6441.15</u>
		13,066.8
Credit		
insurance claim on truck windshield August 1 payment		(368.65) D4
		(20,000.00) (20,368.6)
Total		7302.10
plus remainder of June bill's owing		4965.11
credit		(2336.91)

Project - KLONDIKE PROJECT
 Date -- AUG 31, 1983

		Total
MANAGEMENT		
	R.D. CATARO - TOTAL 5 1/2 DAYS OFFICE + PROPERTY SUPERVISION.	NC
LABOUR		
Supervisory		
Field		
	J. MORTENSEN - AUG 1-31 @ 3000/mo	3000.00
	D. CATARO - AUG 1-26 @ 1450/mo	1216.00
		<u>4216.00</u>
		B
		B
	plus 25 %	1054.00
Casual		
EXPENSES		
Accounting	7 total 17 HRS @ 24/M.	408.00
Expediting		
Room & Board in Whse		
	total days at \$ /day	
Field equipment from AC stock		87.40
Xerox copies, 153 copies at 25¢/copy		38.25
Radio rental 5.13x11 for Aug		300.00
Rental AC FORD truck 4x4 at \$ 800 /mo.		800.00
plus (— to —) kms at — /km		
Petty cash 1,750 + 1,500 + 246.90 D3, 3,750 D1, 402, 301, 602, 301		264.90
Telephone 9,707 102, 23		111.93
Blueprinting, 10 sq. ft. Ozalid at 30 c/ft plus sq. ft. Dilar at \$ /ft.		3.00
Drafting, hrs. at \$ /hr.		
White Pass		51.82
Wilson		6.63
Downs City General Store		631.91
The Mount Carlo		23.05
Sunrise Service		50.00
Itz Woods		10.62
Yukon House		438.95
Whitehorse Stationary		8.15
Cheney Labs		171.00
J. Mortensen expenses (see # 1567 for split)		183.70
Books on Main		2.50
Kelly Douglas		40.10
TNA	D3	114.20
Teacher Centre		79.74
White Pass		668.07
Rec. General, airplanes		200.00
Downs City General Store		502.98
CPI		360.00
Nor		39.90
Cheney Labs		14,438.89
Atlas Travel		324.00
Northern Work		72.21
Atlas Travel		83.00
Credit		<u>21,164.89</u>
credit from July AC billing advanced paid on Sept 1.		(2336.91)
		(20,000.00)
		<u>(22,336.91)</u>
Total		4097.98

In Account With

Project - KLONOIKE PROJECT
 Date -- SEPTEMBER 30, 1983

		Total
MANAGEMENT		
LABOUR		
Supervisory	M. PHILLIPS - 5 hrs @ transfer etc. @ 218.75/hr	136.75 B
Field	J. MORTENSEN - SEPT. 1-30 @ 3000/mo K. OISETMOEN - SEPT 1-7 @	3000.00 310.00 3310.00 B
	plus 25%	827.50 B
Casual	J. CATULO - 1 1/2 hrs @ 72.50/hr T. CARLSON - 1 1/2 hrs @ 80/hr	108.75 120.00 228.75 B
EXPENSES		
Accounting		312.00
Expediting	Sm - 10 hrs @ 24/hr + 3 hrs AG-	240 03
Room & Board in Whse	6 members @ 45/day	270.00 02
	total days at \$ /day	
Field equipment from AC stock		
Xerox copies, 76 copies at .25 /copy		19.00 C1
Radio rental SA X 11 SEPT. 1-27		270.00 D1
Rental AC Ford truck 4x4 SEPTEMBER at \$ 800 /mo. plus (to) kms at /km		800.00 D4
Petty cash 1.00 @ 1 + 3.50		4.50 D1 4.50
Telephone 104.94		104.94 CV 104.94
Blueprinting, sq. ft. Ozalid at c/ft plus sq. ft. Dilar at \$ /ft.		
Drafting, hrs. at \$ /hr.		
Receives General - air photo		49.00 CV
White Paper		521.70 - 04
Dawson City General Store		329.13 - 02
Whitehead motor		32.00 - 04
Howard's		6.96 CV
The Monte Carlo		56.34 - 02
Yukon Harbor		26.84 - 01
Receives General		15.45 CV
TNA	03	57.10 - 03
Dawson City General Store		230.58 - 02
J. Mortensen 78 hrs 01-94.85 02-95.85 04-178.52		366.62 -
Receives General - 15 hr		206.50 F
Howard - truck rental		321.07 - 04
Whitehead motor		15.73 - 04
Arden Travel		507.60 - 03
Howard's		5.99 01
Howard - bus error		395.92 - 04
Receives General - motorcycle insurance		278.00 D1
		5242.98
DEBIT		
ICG Program		100.00 9145.98
CREDITS		
ICG Car Program		100.00 9145.98
Total		9645.98

In Account With

KLONDIKE PROJECT

OCT 31, 1983

Project -

Date --

		Total
MANAGEMENT		
LABOUR		
Supervisory		
Field	J. MORTENSEN - October 1-31 @ \$3000/mo	3000.00
	T. CARLSON - 1 day @ 1600/mo	54.00
	J. CATHERO - 9 days @ 1450/mo	435.00
		<u>3489.00</u>
Casual	J. Marinder - 11 1/2 hrs secretarial and expediting @ \$24/hr. plus 25%	872.25
		<u>276.00</u>
EXPENSES		
Accounting		
Drafting,	hrs at /hr.	
Xerox copies,	165 copies at 25¢/copy	41.25 C1
Petty cash	100.00 petty	100.00 CV
Telephone	180.79	180.79 CV
The Monte Carlo		59.30 D1
C.P. Bell		41.60 D3
Vanced Group		34.07 C1
Douglas City General Store		43.20 DV
Room and board in White, 3 man day @ \$45/d		135.00 DV
Gas, bus, maps		11.00 CV
Can. Freightways		381.20 D3
White Pass		376.66 DV
C.P. Bell fuel		197.12 D3
Williams & Mackie		44.16 CV
TRANS-NORTH		16.50 D3
C.P. Bell		12.00 D3
		<u>1678.85</u>
Total		6316.12

Project-

KLONDIKE PROJECT

Date --

NOV. 30, 1983

Total

MANAGEMENT

LABOUR

Supervisory

Field

J. MORTENSEN - Nov 1-30 @ \$3000/m^B

\$3000.00

Casual

plus 25 %

J. Mordensen - 3 hrs stay, + activity @ \$30/h

750.00

90.00

EXPENSES

Accounting

Drafting, 16 hrs at 24 /hr.

384.00

C1

Xerox copies, 2,92 copies at 25¢/copy

73.00

C1

Petty cash \$20.03, \$50 E, 35⁰⁰ C2 + 5.00 D3

110.04

C2 - 25¢
D3 - 50¢
E - 50¢

Telephone 75.75 + 33.54

109.29

CV

C.P. Air fuel

72.51

D3

RC Instruments

26.21

C1

Whitcomb Motors - repair

980.85

D4

Receives (General)

21.95

CV

Chemex Labs

344.58

E

Chemex Labs (LS)

1458.62

(LS) E

Chemex Labs

24.00

E

Chemex Labs (LS)

2386.56

(LS) E

5991.5

Total

9,831.5

.51

PLUS - 9645.98 AC SEPT AND 6316.10 AC OCT

15,962.0

LESS PAYMENT ON NOV. 10

(20,000.0

25,100 TO COME

5,793.6

Project - Kilauea Project
 Date -- Dec 31, 1983

AGEMENT		Total
LABOUR		
Supervisory	M. P. Phillips - 2 hrs prepare & file claim transfers.	75.00
Field	J. Mortenson - Dec 1-12 @ 3000/mo	1200.00
Casual	plus 25 % J. Mortenson - 3 hrs acct. & office @ \$30/h M. Cook - 3 1/2 hrs typing & office @ 22	90.00 77.00 167.00
EXPENSES		
Accounting		
Drafting	34 1/2 hrs at 24 /hr.	828.00 C1
Xerox copies	124 copies at 25¢ /copy	31.00 C1
Petty cash		
Telephone	22.26 + 13.58 + 13.77 + 10.17 + 16.62	76.43 CV
Res. Gen.	transfer Kilauea	9.50 F
Vancal		16.00 CV
Western Repro		105.17 - C1
Spillsbury	radio repair	183.84 - D1
Whit. Pass		83.38 - D4
Vancal		15.04 CV
Norfolk		151.90 - CV
Comp. Comm		3.25 D3
Upper Tier		519.00 - D4
Western Repro		32.62 C1
CP Air Express		18.00 - D3
		<u>2073.13</u>
	Total	3815.13

5902.02

ARCHER, CATHRO

• ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016-510 WEST HASTINGS STREET
VANCOUVER, B. C. V6B 1L8

(604) 688-2568



April 17, 1984

Mining Recorder,
Dawson Mining District,
Box 249,
Dawson, Y.T.
Y0B 1G0

Dear Sir:

Re: Application of Regional Mapping Costs in
Klondike District to Property Assessment

Part of the assessment work for 1983-84 filed on quartz claims in the Klondike area held by Dawson Eldorado Gold Explorations Ltd. or jointly by Dawson Eldorado and Archer, Cathro & Associates (1981) Limited consists of geological mapping outside of the individual properties for which the work was filed. We believe that this is justified because of the extreme scarcity of outcrop in the area and the lack of a detailed geological map of the Klondike which makes it impossible to interpret the geology of a particular property based solely on the very few bedrock exposures within the claim boundaries. In order to understand the bedrock geology of a claim group, it is therefore necessary to carry out more reconnaissance scale mapping in the general area of the property and extrapolate the regional geology onto the property.

Yours truly,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

/mc

J.K. Mortensen.