GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

QUEST PROPERTY

Liard Mining Division, British Columbia
NTS 104G/2E
Latitude: 57°-13'N
Longitude: 130°-43'W

Prepared for

CANADIAN CARIBOO RESOURCES LTD.
Vancouver, B.C.

Prepared by

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April 10, 1991

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INTRODUCTION

The Quest property is located within the "Golden Triangle" area of northwestern British Columbia which hosts the mesothermal shear/vein Snip gold deposit and the polymetallic Eskay Creek deposit. The Snip, which is undergoing production preparation by Cominco Ltd., has ore reserves, cut and diluted, of 1.032 million tons grading 0.875 oz/ton gold (Vancouver Stockwatch, November 7, 1989). The Eskay Creek deposit has geological reserves of 4.364 million tons grading 0.77 oz/ton gold and 29.12 oz/ton silver (Vancouver Stockwatch, September 18, 1990). The Quest property is located some 64 km north-northeast of the Snip and 70 km north-northwest of the Eskay Creek deposit.

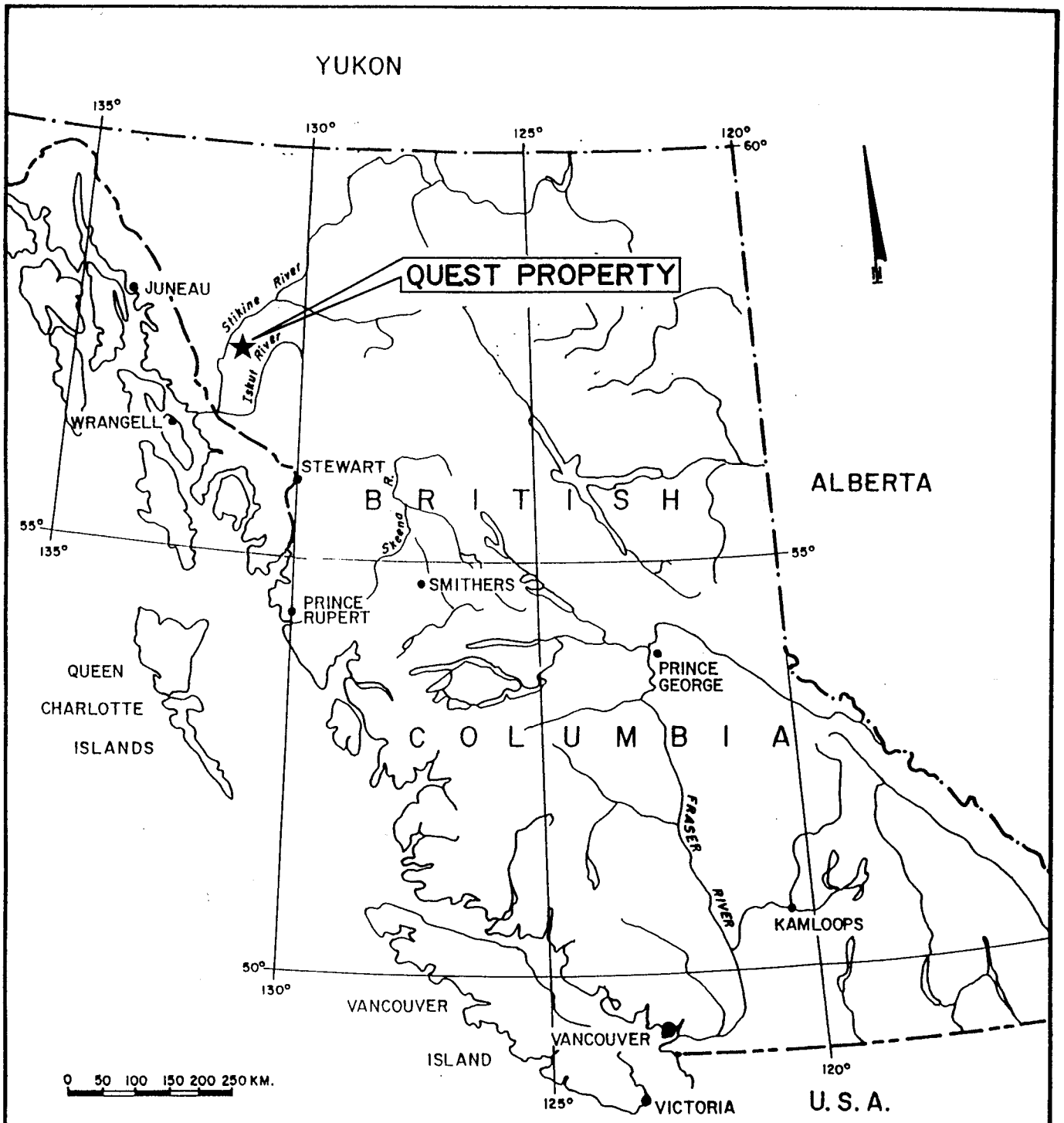
During October of 1990, Keewatin Engineering Inc. was engaged by Canadian Cariboo Resources Ltd., the project operator, for the purpose of conducting a preliminary exploration program on the property. The target was economic gold ± silver ± base metal mineralization, in particular an Eskay Creek and/or Snip-type of deposit.

1. Location, Access, Physiography and Climate

The Quest property is located in northwestern British Columbia, approximately 150 km north-northwest of the town of Stewart (Figure 1). The property is centred upon 57°-13' North latitude and 130°-43' West longitude. This is within the 104G/2E NTS map sheet.

Access is by fixed-wing aircraft from Smithers or Terrace (290 km to the southeast) to the Bronson Creek airstrip which services the Snip deposit. Transprovincial Airlines Ltd. of Terrace provided daily scheduled trips into the area and would land at Bronson Creek on request. Central Mountain Airlines of Smithers serviced the area with trips on Monday, Wednesday and Friday, as well as numerous unscheduled supply flights. Alternate fixed-wing access is from Wrangell, Alaska which is located at tidewater, 80 km to the west of the airstrip. The Bronson Creek airstrip was lengthened to 1,600 metres during 1988 and is now capable of accommodating Hercules aircraft. Small aircraft are also able to land at the Forrest Kerr airstrip.

Access to the property from Bronson Creek can be made by helicopter, a distance of some 63 kilometres.



PROPERTY LOCATION MAP
QUEST PROPERTY

Figure 1

KEEWATIN ENGINEERING INC.

The Quest property straddles the upper reaches of the north fork of More Creek. Elevations range from less than 1,128 metres on More Creek along the southern claim boundary to over 2,100 metres in the southeastern corner of the property.

Most of the property is characterized by alpine meadows and barren rock. A few small patches of dwarfed shrubs are found low along More Creek.

The climate is typified by cold, snowy winters and warm, wet summers. Snow accumulations at the higher elevations normally exceed five metres.

2. Property Status

The property consists of four contiguous mineral claims (80 units). The claims are registered in the name of Canadian Cariboo Resources Ltd. and are located in the Liard Mining Division. Their status (see Figure 2) is summarized as follows:

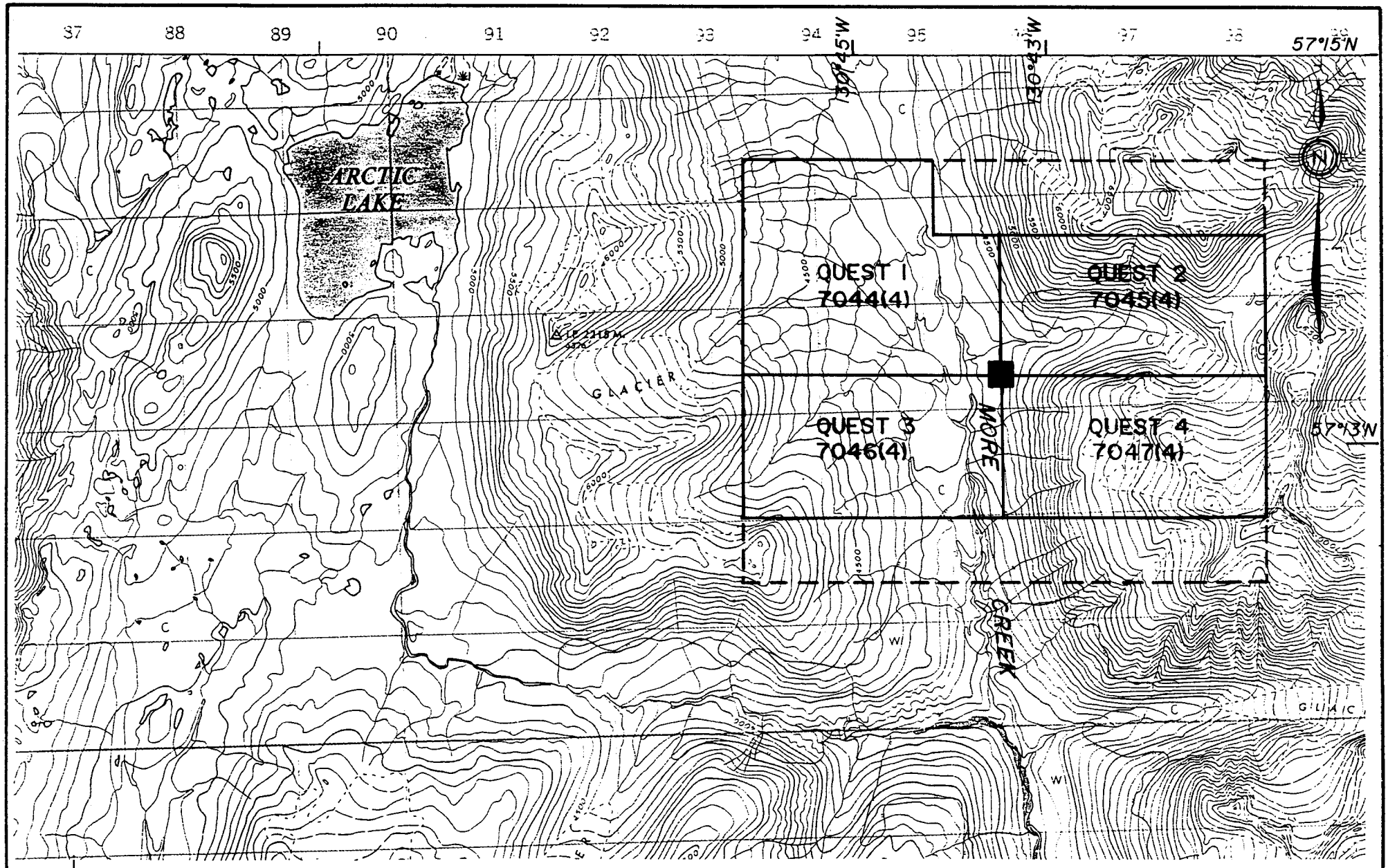
TABLE 1: Claim Status

Claim Name	No. of Units	Record No.	Date Recorded	Expiry Year
Quest 1	20	7316	May 12, 1990	1992
Quest 2	20	7317	May 12, 1990	1992
Quest 3	20	7318	May 12, 1990	1992
Quest 4	20	7319	May 12, 1990	1992

It should be noted that the claims were all located by a common Legal Corner Post only, due to steep terrain and deep snow conditions at the time of staking. No effort was made to locate this claim post during 1990. Due to overstaking of pre-existing claims, the ground covered by the Quest's claims is considerably less than the 80 claim units recorded.

3. History of Exploration

The area drained by the upper reaches of the Stikine, Iskut, Unuk, Craig and Bell-Irving Rivers has been explored since the late 1800's when prospectors passed through the region on their way to the interior. In the 1950's and 1960's, the porphyry copper-molybdenum boom brought



CLAIM MAP
QUEST PROPERTY

Figure 2

Keewatin Engineering Inc.

numerous mining companies into the area. During this time, the Galore Creek porphyry copper-gold deposit was discovered.

Intense exploration began again in the early 1980's, and was then, as now, primarily for gold. At that time the Johnny Mountain property was acquired by Skyline Exploration Ltd. (now Skyline Gold Corp.), the Snip property by Cominco Ltd. (now owned and operated by Prime Resources Corporation and Cominco Ltd.), and the Sulphurets property by Esso Minerals Ltd. (now owned by Newhawk Gold Mines Ltd./Corona Corporation/Granduc Mines Ltd.). Since 1990, well over 100 new gold prospects have been found in the Iskut-Unuk-Sulphurets-Stewart-Galore areas (Golden Triangle), establishing the entire region as a major gold 'camp'.

The Eskay Creek deposit, a joint venture between Stikine Resources Ltd. and Prime Resources Group Inc., appears to be the most significant discovery found to date. Gold was first discovered in the Eskay Creek area in 1932 and exploration has continued there, sporadically, since then. Prior to the current Eskay Creek joint venture, eleven companies carried out exploration on the present claim area. This included diamond drilling (over 13,000 feet) and underground development to the south of the recent discovery (after Idziszek et al., Mining Magazine, March 1990). In September of 1988, the first significant, high grade gold, silver and base metal mineralization was intersected in a drill hole, on what is called the #21 Zone. Mineralized drill intercepts up to 660 feet long have been reported. In drill hole 109, a 200 foot section averaged 2.9 oz/ton gold, 0.85 oz/ton silver, 1.9% lead and 3.4% zinc. By September 1990, 657 drill holes had been completed. The #21 Zone has been extended for 4,600 feet along strike and remains open, both along strike and down dip. Preliminary geological reserves for 4,364,000 tones uncut and undiluted, grading 0.77 oz/ton gold and 29.12 oz/ton silver have been calculated (Vancouver Stockwatch, September 18, 1990).

In the Iskut River area are the Johnny Mountain and Snip deposits. The Johnny Mountain Gold Mine which began production in 1988 and closed in 1990, currently has proven and possible ore reserves of 740,000 tons grading 0.52 oz/ton gold, 1.00 oz/ton silver and 0.75% copper (D. Yeager, Skyline Gold Corp., personal communication). The adjacent Snip deposit presently has ore reserves, cut and diluted, of 1.032 million tons grading 0.875 oz/ton gold (Vancouver Stockwatch, November 7, 1989). Cominco Ltd. expects to bring the Snip into production in early 1991.

On the north side of the Iskut River, numerous gold occurrences have been reported. Avondale Resources' Forrest claims and Kestral Resources' KRL claims were subjected to extensive exploration during 1989 and 1990. Drilling was done on both of these properties during 1990. Gulf

International Minerals carried out a successful drill program on their McLymont Creek property. They have drilled over 31 holes from which results include 17.37 metres of 0.346 oz/ton gold and 9.63 metres of 2.122 oz/ton gold (Vancouver Stockwatch, July 24 and August 30, 1990).

During 1990, exploration intensified further north, in the More Creek - Forrest Kerr Creek area, after Noranda announced the discovery of high grade, polymetallic boulders on their GOZ-RDN property. Noranda's exploration evidently revealed four mineralized zones (George Cross News Letter, September 13, 1990). Boulders from the Carcass Creek zone reportedly assayed up to 2.69 oz/ton gold, 2.43 oz/ton silver, 3.2% copper, 43.7% zinc and 3.96% lead. Initial results from their Waterfall zone returned 0.154 oz/ton gold across an estimated true width of 7.73 metres. Noranda completed an airborne EM and magnetometer survey and drilled fifteen holes. Final drill results are still to be reported. The Quest property is located some 20 km north-northwest of the GOZ-RDN property. Noranda has a number of other joint ventured properties in the More Creek area on which mineralized and altered, auriferous structural zones have been reported.

In the Ball Creek area, some 14 km to the east of the Quest property, Lac Minerals discovered gold mineralization on their Hank property (Minfile #104G-107). The gold is found in carbonate-siderite-barite veins and stockworks which are hosted by Upper Triassic andesitic volcanics. In 1987, diamond drilling delineated the South Zone with indicated reserves of 227,000 tonnes grading 0.13 oz/ton gold and the North Zone with indicated reserves of 227,000 tonnes grading 0.07 oz/ton gold (Minfile 1990).

The Bam 8 prospect (Minfile #104G-027), located 5 km southwest of the Quest property, contains disseminated tetrahedrite with minor chalcopyrite, pyrite, malachite and azurite. This is hosted by carbonate altered metasediments (Jurassic/Triassic?) and carbonates (Permian), reportedly at their contact with the Hickman Batholith (Jurassic/Triassic). In 1967 diamond drilling defined two separate zones. The Southwest Zone contains 299,400 tonnes grading 0.76% copper. The East Zone has 4,540 tonnes of 2.45% copper and 0.5 oz/ton silver (Minfile, 1990). Gold mineralization in quartz ± barite veins hosted by the batholith was also noted. Grab samples of up to 5.85 oz/ton gold were reported (Minfile #104G-110).

A review of the assessment files and Minfile data indicates that no previous exploration work has been reported from the area presently covered by the Quest property.

In 1988, results from a governmental stream sediment survey of the region were released. The three samples collected from creeks draining the present Quest property area returned results at background levels.

Regional, geological mapping by the G.S.C. (Souther, 1970) covered the area of the Quest property.

4. 1990 Work Program Summary

During October, field personnel carried out geological, geochemical and prospecting traverses on the property. An area of, approximately, 7.2 km² was geologically mapped and prospected during this program. The geochemical work included rock and silt sampling which were collected during the course of the geological traverses. Winter conditions at this time hampered exploration efforts.

GEOLOGY

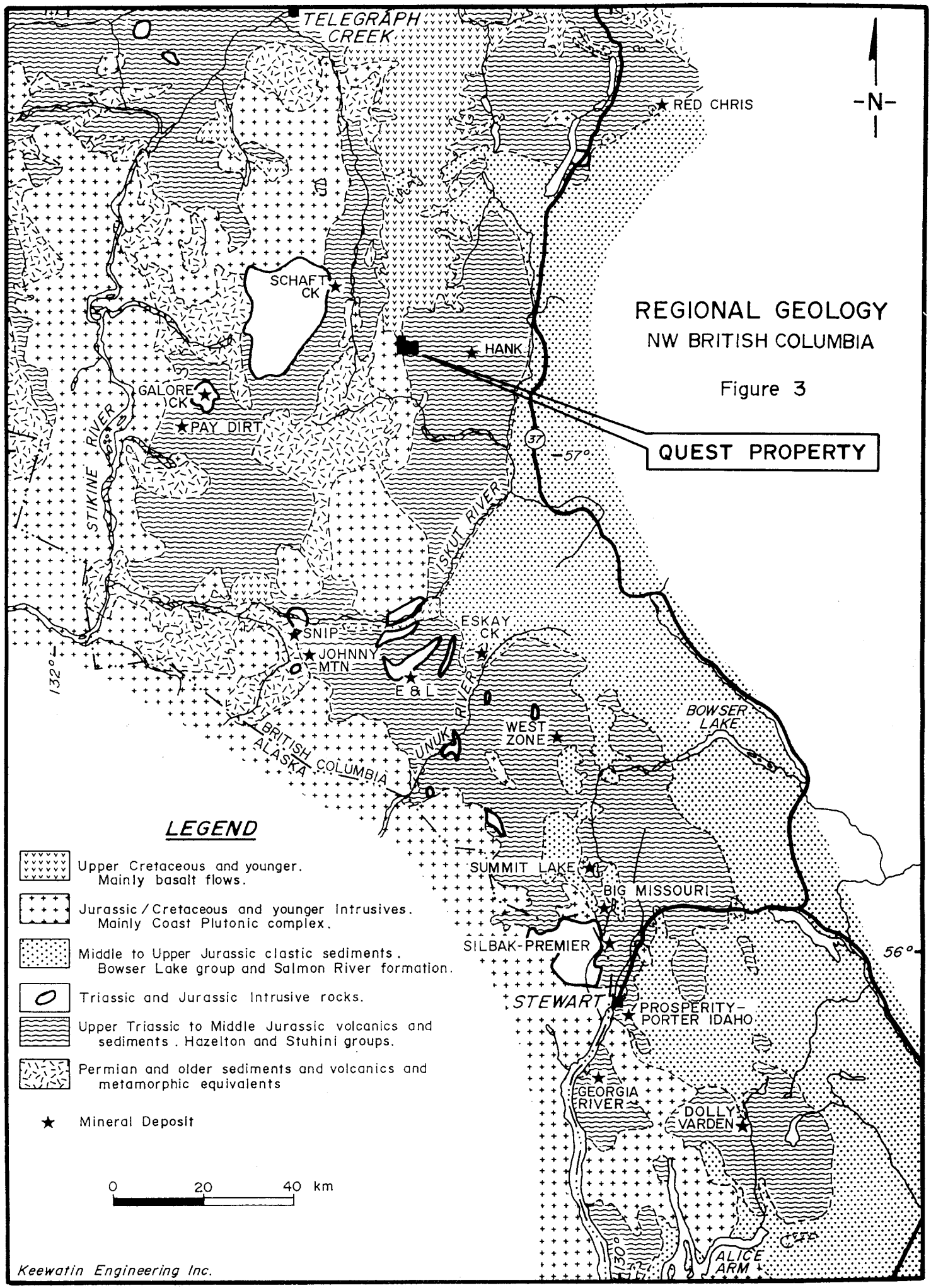
1. Regional Geology

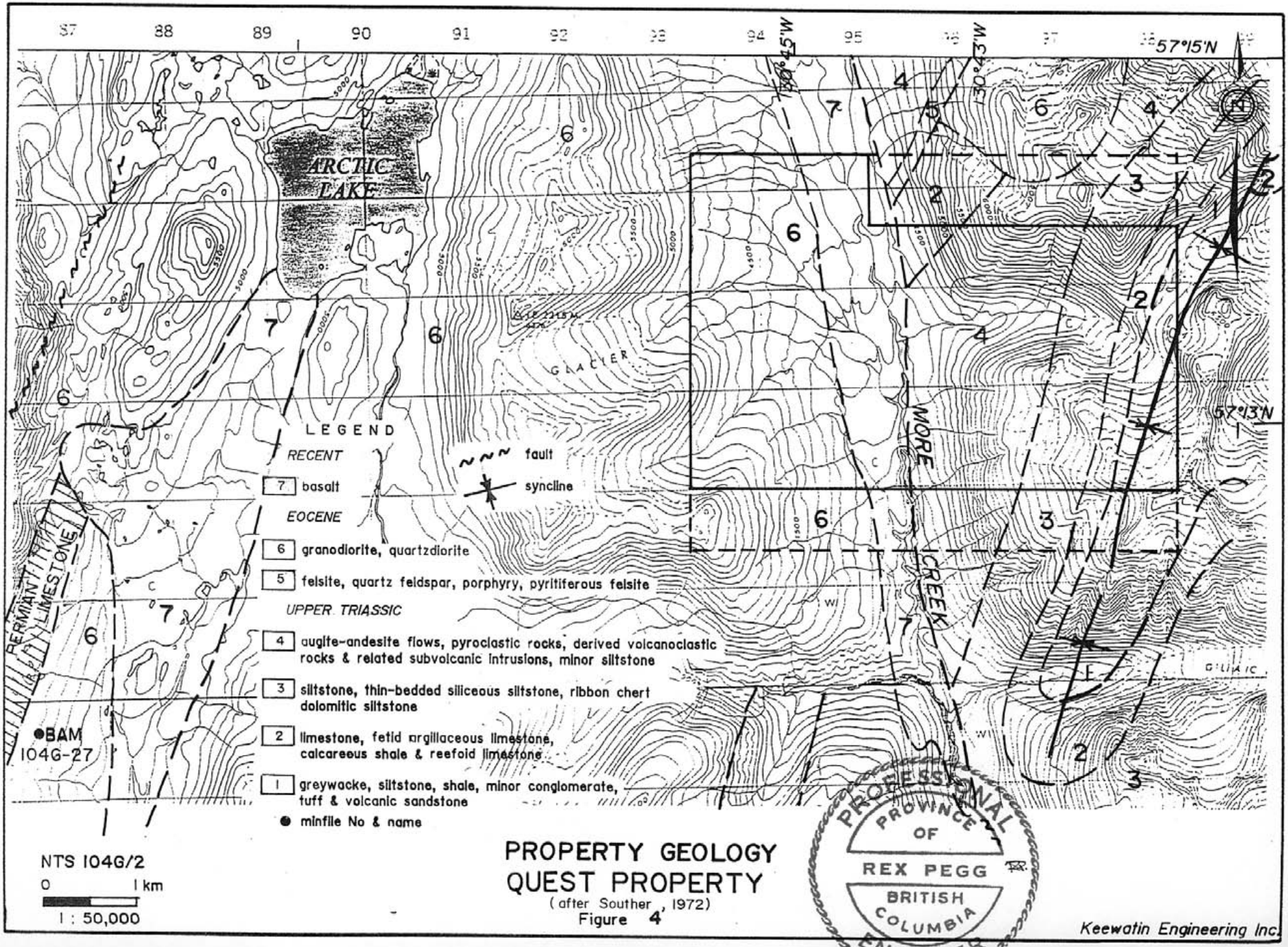
The More Creek area lies within the Intermontane tectono-stratigraphic belt - one of five, parallel, northwest/southeast trending belts which comprise the Canadian Cordillera. This belt of Permian to Middle Jurassic volcanic and sedimentary rocks defines the Stikinia/Stikine terrain (Figure 3). This is bounded on the west by the Coast Plutonic Complex and overlapped on the east by sediments of the Bowser Basin. The belt has been intruded by at least four episodes of plutonic rocks, from Late Triassic to Oligocene-Miocene. These include synvolcanic plugs, small stocks, dyke swarms, isolated dyke sills, as well as batholiths belonging to the Coast Plutonic Complex.

The entire sequence has undergone various degrees of folding, faulting and metamorphism.

2. Property Geology

The eastern half of the property is underlain by a mixture of Upper Triassic (Souther, 1972) green, intermediate flows and interbedded intermediate tuffs, argillites and sandstones. Cherty or felsic flows and/or dykes are common and may represent subvolcanic intrusions. Locally, minor orthoclase porphyry dykes and limestone were observed. Green and maroon coloured ash to lapilli tuffs, which are cut by several small monzodiorite to granodiorite dykes, underlie the area on the


TELEGRAPH CREEK
RED CHRIS
-N-
REGIONAL GEOLOGY
NW BRITISH COLUMBIA
Figure 3
QUEST PROPERTY
SCHAFT CK
HANK
GALORE CK
PAY DIRT
STIKINE RIVER
SKUT RIVER
37
57°
SNIP
JOHNNY MTN
E & L
ESKAY CK
WEST ZONE
BOWSER LAKE
UNUK RIVER
BRITISH COLUMBIA
ALASKA
132°
SUMMIT LAKE
BIG MISSOURI
SILBAK-PREMIER
56°
STEWART
PROSPERITY-PORTER IDAHO
GEORGIA RIVER
DOLLY VARDEN
ALICE ARM
LEGEND
Upper Cretaceous and younger. Mainly basalt flows.
Jurassic / Cretaceous and younger Intrusives. Mainly Coast Plutonic complex.
Middle to Upper Jurassic clastic sediments. Bowser Lake group and Salmon River formation.
Triassic and Jurassic Intrusive rocks.
Upper Triassic to Middle Jurassic volcanics and sediments. Hazelton and Stuhini groups.
Permian and older sediments and volcanics and metamorphic equivalents
Mineral Deposit
0 20 40 km
Keewatin Engineering Inc.



PROPERTY GEOLOGY
QUEST PROPERTY

(after Souther, 1972)

Figure 4

Keewatin Engineering Inc.

eastern side of More Creek. Bedding measurements obtained near the eastern property boundary indicate a north-northeast trending synclinal axis.

Columnar jointed and locally vesicular Recent (Souther, 1972) basalts underlie much of More Creek. These basalts overlie strongly foliated, pale green andesitic tuffs.

West of More Creek, the contact between the volcanics and a large intrusion to the west appears to be indicated by the presence of abundant granodiorite and gossanous, ankeritic monzodiorite dykes cutting the tuffs. Further to the west are exposures of diorite to monzodiorite and a few of tuffs(?) and limestone. Abundant monzodiorite and basalt boulders cover the northwestern portion of the property. Souther (1972) mapped the intrusive rocks as being Eocene in age, but Anderson (1988) has indicated a Jurassic age.

3. Mineralization

Most of the mineralization observed within the Quest property appears to be restricted to the Upper Triassic strata, east of More Creek. This mineralization is, primarily, hosted by the felsic/cherty strata. Felsic dykes/flows(?), with up to 15% pyrite, are commonly gossanous. These were measured up to 5 metres wide and traced for over 10 metres. A patch, 1.3 x 1.5 metres, of semi-massive pyrite-pyrrhotite was observed within one of the felsic exposures. In addition, several felsic/cherty boulders with up to 2% pyrite and minor malachite and azurite were discovered. On the west side of More Creek, pyrite, up to 10%, and quartz were found along the contact of intermediate tuffs and monzodiorite dykes. This mineralization is joint controlled, discontinuous and poddy, measuring up to 0.5 x 1.0 metre.

GEOCHEMISTRY

1. Sampling

A total of 22 silt and 15 rock samples were collected during the 1990 field season (see Appendix 4). The silts were generally collected from the active portion of the sampled drainages. The rocks represent chip or grab samples of altered and/or mineralized outcrops or boulders.

2. Analysis

All of the samples were shipped to Min-En Laboratories in Smithers for preparation and then to their laboratory in North Vancouver for analysis. This analysis consisted of fire assay preparation-atomic absorption finish gold and an eight element ICP package (Ag, As, Cu, Mo, Pb, Sb, Zn and Hg).

3. Description and Discussion of Results

The twenty-two silt samples collected from the Quest property returned results at background levels. Results of up to 4 ppb gold, 2.5 ppm silver, 106 ppm copper, 42 ppm lead, 96 ppm zinc, 9 ppm arsenic, 2 ppm antimony, 4 ppm molybdenum and 75 ppb mercury were obtained.

The fifteen rock samples collected returned a number of anomalous values, see Table 2. Results range up to 210 ppb gold, 43.3 ppm silver, 19,164 ppm copper, 60 ppm lead, 973 ppm zinc, 1,567 ppm arsenic, 8,297 ppm antimony, 22 ppm molybdenum and 17,500 ppb mercury. The highest silver, copper, lead, zinc, arsenic, antimony and mercury results were obtained from a felsic boulder located on the western side of the Quest 2 claim. The two felsic grab samples with anomalous results were collected nearby.

TABLE 2: Summary of Anomalous Rock Samples

Sample No.	Description	ppb Au	ppm Ag	ppm Cu	ppm As	ppm Sb	ppm Hg
90AD285BR-005	felsic float with 2% Py, malachite and azurite	9	43.3	19,164	1,567	8,297	17,500
90AD285BR-006	felsic grab with 20-25% Py	2	1.3	331	46	138	435
90AD285BR-007	felsic grab with 3-5% Py	2	8.7	3,500	289	1,378	3,625
90T285BR-003	monzodiorite grab with 10% Py	210	30.9	20	1	1	25

CONCLUSIONS

Preliminary exploration has identified Upper Triassic felsic volcanics on the eastern side of the Quest property which carry significant pyritic and copper mineralization. Values of up to 8.7 ppm silver and 3,500 ppm copper were obtained from grab samples of these volcanics. Boulders of similar material returned up to 43.3 ppm silver and 19,164 ppm copper. The source of these boulders has not, as yet, been located. Poddy pyrite mineralization was also observed at the contact of intermediate tuffs and monzodiorite dykes. A grab sample of this material returned 30.9 ppm silver. The significance of the above, copper-silver bearing mineralization has yet to be determined.

The results from the silt samples collected from creeks draining the property are at background levels. The majority of these samples are from the western side of the property.

RECOMMENDATIONS

It is recommended that the Quest property be subjected to a small exploration program. This program should focus on the copper-silver bearing felsic volcanics, located on the eastern side of the property. The possibility of volcanogenic, shear/vein and porphyry types of mineralization should be investigated. This work should commence in July or August, so that weather conditions will not hinder the exploration effort.

Respectfully submitted,

KEEWATIN ENGINEERING INC.

Rex Pegg, BASc., P.Eng.

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George Cross News Letter

Kyba, B.W. (1990): Geological Report on the Quest Property for Canadian Cariboo Resources Ltd.

Minfile 104G (1990): Telegraph Creek Mineral Occurrence Map.

National Geochemical Reconnaissance, 1:250,000 Map Series (1988). Telegraph Creek, British Columbia (NTS 104G). Energy, Mines and Petroleum Resources Canada, Geological Survey of Canada.

Pegg, R.S. (1989): Stewart-Sulphurets-Iskut Areas, Geological Compilation (private report).

Souther, J.S. (1970): Telegraph Creek Map Area, British Columbia (104G), GSC Paper 71-44.

Vancouver Stockwatch

APPENDIX 1

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, REX STEPHEN PEGG, of #1 - 410 Mahon Avenue in the District of North Vancouver in the Province of British Columbia, do hereby certify that:

1) I am a graduate of the University of Toronto, BA.Sc. (1976) in Geological Engineering (Exploration option) and have practised my profession continuously since graduation.

2) I have over 14 years of experience in exploration for base and precious metals in the Canadian Cordillera.

3) I am a member in good standing of the Association of Professional Engineers of British Columbia.

4) I am an independent consulting geologist with an office at #1-410 Mahon Avenue, North Vancouver, British Columbia.

5) I am presently under contract to Keewatin Engineering Inc. with offices at Suite 800 - 900 West Hastings Street, Vancouver, British Columbia.

6) I am the author of the report entitled "Geological and Geochemical Report on the Quest Property, Liard Mining Division, British Columbia", dated April 10, 1991.

7) I have personally performed or supervised the work referenced in this report and I am familiar with the regional geology and geology of nearby properties.

8) I do not own or expect to receive any interest (direct, indirect or contingent) in the property described herein nor in the securities of Canadian Cariboo Resources Ltd., in respect of services rendered in the preparation of this report.

9) I consent to and authorize the use of the attached report and my name in the Company's Statement of Material Facts or other public document.

Dated at Vancouver, British Columbia this 10th day of April, 1991.

Respectfully submitted,

Rex S. Pegg, ~~BA.Sc.~~, P.Eng.

Keewatin Engineering Inc.

APPENDIX 2

Summary of Field Personnel

SUMMARY OF FIELD PERSONNEL

A. Travis	-	Project Geologist	October 2, 7
P. Lutynski	-	Geologist	October 2, 5
A. Dupras	-	Prospector	October 2
C. Kauss	-	Technician	October 2, 5
P. Dunlevy	-	Assistant	October 2
S. Chandler	-	Cook/1st Aid Attendant	October 2

APPENDIX 3

Statement of Expenditures

STATEMENT OF EXPENDITURES

i)	**Labour**			
	A. Travis	2.0 days @ $325/day	$ 650.00	
	P. Lutynski	2.0 days @ $325/day	650.00	
	A. Dupras	1.0 days @ $325/day	325.00	
	C. Kauss	2.0 days @ $225/day	450.00	
	P. Dunlevy	1.0 days @ $175/day	175.00	
	S. Chandler	1.0 days @ $260/day	260.00	
				2,510.00
ii)	**Geochemical Analysis** (faa Au + 8 element ICP)			
	Silts	22 samples @ $11.30 each	$ 248.60	
	Rocks	15 samples @ $13.75 each	206.25	
				454.85
iii)	**Helicopter** (Hughes 500D)			
		2.9 hours @ $705/hour		2,044.50
iv)	**Room & Board**	10.0 man days @ $60/day (includes pilot)		600.00
v)	**Rentals** (binocular microscope, radios, rock saw, generator, field equipment, truck, ATV, copier, etc. - split)			252.00
vi)	**Consumables** (sample bags, tags, copies, paint, flagging, etc.)			181.78
vii)	**Report** (writing, drafting, processing, copying)			1,956.87
TOTAL EXPENDITURES:				**$8,000.00**

Keewatin Engineering Inc.

APPENDIX 4

Geochemical Sample Descriptions

KEEWATIN E! INEERING INC.

ROCK SAMPLES

Project: Quest property
Area (Grid):
Collectors: T. Hutchinson

Results Plotted By:
Map: NTS: 104 G/2
Date: October 2nd 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
901285BR001	Elev 5600'		✓					Chert ?	Sample was taken from sedimentary chert rock which appears to be 1-2m wide and min 5m long (not covered under the snow). Attitude of siliceous rock 210/47W. Host rock (?) appears to consist of Argillite & SS interbeds with a bedding 210/47W. Pyrite by surface alteration up to 8%	
901285BR002	Elev 5500'		✓					(Chert (?))	Sedimentary rock highly siliceous, grey-black, 1% surface alteration also seen within sampled zone. Siliceous rock appears to be min. 0.5m wide and min 5m long (contacts were not investigated because of the deep snow cover).	
901285BR003	Elev 4340'		✓					Host (intrusive ?)	A shear which trends N 177-160° shear appears to be 7-8' in width and min 15m long. Rock appears to be highly siliceous. Pyrite by mineralization up to 15% (2-15%)	

KEEWATIN E[INEERING INC.

ROCK SAMPLES

Project: Reed property
Area (Grid):
Collectors: A. Thomas

Results Plotted By:
Map: NTS: 104 G-2
Date: October 2nd 1990 ✓ Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90AD-285 B Rock	5100' EL- (See MAP) -		✓					CHERT (INT)	Width 1.3M - Lenght- 5M PY. 6-8% Very Siliceous Cream Colour - Good Rusty Brn. on Contact With Argillite on Both Side -	
90AD 285 B Rock	5100' EL- (See Map)			✓				argillite	30 cm Both Side of chert (INT). 1E- Sample 90AD 285B-Rock- Colour. Black. - Slaty - 1-2% PY.	
90AD 285 B Rock 3	5070' EL- - - - -		✓					argillite + QTZ. Bond - 2 cm. wide	Cream. 1 ½ M. Wide - STRK. 025° DIP. W. 80° QTZ Bond Separated By. ½ cm. Argillite QTZ Bond. 15-18% Sulphides PY. PYRRH?	
90AD 285 B - Rock 4	4670' EL- - - - - -		✓					chert (INT)	Cream. 1-3 M Wide x 1.5 M Wide - talus ~~covered~~ - Semi Massive PY. 25-30% Very Siliceous 50 M. N. of Main Creek - Good Rusty Brown.	
90AD. 285 B - Rock 5 -	4550' EL.		✓				✓	FELSIC (INT)	Malachite & Azurite - ¼ PY. upto 2% -	
90AD 285 B Rock 6 -	4460' EL-		✓					FELSIC (INT)	PY. Flow in Fracture. Well Fractured - Width 1 M. lenght- 10 M. North Bank of Creek. PY. 20-25% - STRK. 320° DIP. W. 80° -	
90AD 285 B Rock 7 -	4330' EL-		✓					FELSIC (INT)	STRK. 346° DIP. VERT? contact With Maroon colour Felsic (INT) 3-5% Sulphides (PY) FESIC INT - Flow? W. 1½ 2M. lenght - 10 M. - 15 M -	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: [redacted]
Area (Grid): _____
Collectors: TRAVIS / CARVSS

Results Plotted By: _____
Map: _____ NTS: 104 G/2
Date: OCT 2/95 Surface ✓ Underground _____

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
	~0.5km NE OF CAMP							SUBVOLCANIC	possible andesite, trace amounts of	
95TOBSBR-001	SOUTHERN CLAIM BOUNDARY		✓					INTRUSIVE	pyrite, taken @ ~4250' North	
	CROSSES SOUTH FLOWING CREEK								of talus fan	
	NORTH CENTRAL							Qtz /	ALT'D Andesitic TUFF? Slightly gossanous	
R-002	AREA OF CLAIMS		✓					CARBONATE	outcrop in small gully (ankerite stained)	
								BRECCIA	trace-1% pyrite	
	WEST SIDE OF							Min'd	50cm x 1m pod, gossanous leached qtz flooded	
R-003	CLAIMS		✓					INTRUSIVE	with ~10% pyrite, joint controlled?, another	
									pod ~10m south, along strike?	

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: QUEST
Area (Grid): 235 B
Collectors: CK / AT

Results Plotted By: AT
Map: 1:5000 N.T.S.: 104G/2
Date: 2/10/90

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width (m)	Depth (cm)	Velocity		
90T 235B L001	gravel silt	40	20	30		10		✓	1.0	5	low		
L002	grey silt	50	20	20		10		✓	1.5	5	moderate		
L003	brown silt	40	40	20				✓	0.5	2	low		
L004	light brown silt	40	40	20									✓
L005	brown silt	20	40	40				✓	0.5	2	low		
L006	good detrital silt	10	60	30				✓	3.0	10	moderate		
L007	grey silt	10	40	40		10		✓	2.0	5	low		
L008	dark brown silt	20	60	20				✓	5.0	15	high		
L009	dark brown silt	40	40	20				✓	2.0	10	moderate		
L010	grey silt	50	30	20				✓	2.0	10	moderate		

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: QUEST

Area (Grid): 285B

Collectors: CK/AT

Results Plotted By: [illegible]

Map: _____ N.T.S.: 104G/2

Date: 2/10/90

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA												
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity	SPRING	DRY GULLY						
90T																			
285B L011	good black silt	30	40	30				V	1.0	5	low								
L012	grey silt	20	40	40				V	20	10	moderate								

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Guest

Area (Grid):

Collectors: L. Kaus, P. Lutynski

Results Plotted By:

Map: NTS: 104G/2

Date: October 5th, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90LK5RCC3	Elev. 4150'						✓	Felsic volcanic(?)	Highly siliceous rock, with partly seen F(?) phenocrysts (≤5%). Discon. by up to 15(20)%. Rock is strongly oxidized on the weathered surface.	
90LK5RCC4	Elev. 4150' (taken from N side of the creek).		✓					Tuffaceous rock(?)	Rock appears to be tuffaceous on the weathered surface, with an attitude 206°/83°E. Discon. by up to 1%. Min. width ~0.4m, max. length 5m.	

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: 285 B

Area (Grid): QUEST

Collectors: CARL KAUSS / PIOTR LOZINSKI

Results Plotted By: C.K.

Map: 1 50000 N.T.S.: 104 G/2

Date: 5/10/90

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width M	Depth CM	Velocity						
90L 285B L001	coarse dark grey sand	10	50	40				✓	3	5	LOW						
L002	grey	30	50	20				✓	1	5	LOW						
L003	dark grey / fine silt	20	40	40				✓	2	5	LOW						
L004	light brown	20	60	20				✓	10	5	MODERATE						
90L 285B L005	main drainage from glacier grey							✓	10		MODERATE						
L006	coarse grey sample	50	30	20				✓	2		LOW						
L007	light brown grey fine	30	30	40				✓	2		LOW						
L008	grey	20	40	40				✓			LOW						
L009	grey Rock sample 90L285B R004 fairly fine	20	30	50				✓	3	10	MODERATE						
90L 285B L010	dark grey	10	50	40				✓	1	5	LOW						

APPENDIX 5

Geochemical Results

COMP: KEEWATIN ENGINEERING
PROJ: 285B
ATTN: R. NICHOLS/R. PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0647-RJ1
DATE: 90/10/11
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90AD 285B R-001	1	.5	20	19	24	18	1	1	30
90AD 285B R-002	3	3.1	38	27	101	115	8	8	45
90AD 285B R-003	12	3.4	72	12	99	1	1	1	20
90AD 285B R-004	182	1.9	49	29	39	86	2	22	985
90AD 285B R-005	9	43.3	19164	60	973	1567	8297	6	17500
90AD 285B R-006	2	1.3	331	20	25	46	138	9	435
90AD 285B R-007	2	8.7	3500	33	206	289	1378	1	3625
90L 285B R-001	4	1.3	58	27	68	34	9	2	95
90L 285B R-002	1	.9	35	23	21	46	12	3	85
90L 285B R-003	14	1.0	43	26	31	43	1	2	110
90T 285B R-001	11	.5	53	40	37	48	1	3	45
90T 285B R-002	3	1.7	94	25	107	55	28	1	110
90T 285B R-003	210	30.9	20	14	1	1	1	1	25

COMP: KEEWATIN ENGINEERING INC.
PROJ: 285B
ATTN: R. NICHOLS/ R. PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0653-RJ1
DATE: 90/10/12
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90L 285B R-004	59	.2	7	58	9	1	1	1	45
90L 285B R-005	13	1.5	40	40	61	56	2	1	55

COMP: KEEWATIN ENGINEERING INC.
PROJ: 285B
ATTN: R. NICHOLS/R. PEGG

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OS-0652-SJ1
DATE: 90/10/12
* SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90T 285B L-001	2	.8	64	35	87	1	2	1	70
90T 285B L-002	2	.6	70	38	96	1	1	1	35
90T 285B L-003	1	1.1	34	27	87	1	1	1	50
90T 285B L-004	2	1.3	91	37	84	1	1	1	45
90T 285B L-005	1	.9	101	40	96	1	1	1	40
90T 285B L-006	1	2.5	70	20	81	1	1	1	35
90T 285B L-007	2	.8	42	18	86	1	1	4	45
90T 285B L-008	1	1.8	91	42	71	1	1	4	25
90T 285B L-009	1	1.4	76	16	52	1	1	1	30
90T 285B L-010	1	1.8	46	9	56	1	1	1	75
90T 285B L-011	2	1.1	106	35	80	1	1	1	40
90T 285B L-012	3	1.8	48	15	55	1	1	1	45
90L 285B L-001	2	1.1	40	14	51	1	1	1	35
90L 285B L-002	1	2.1	43	16	63	1	1	1	25
90L 285B L-003	2	2.5	35	13	65	1	1	1	30
90L 285B L-004	4	2.0	45	11	68	1	1	1	40
90L 285B L-005	2	1.4	63	21	56	1	1	1	35
90L 285B L-006	2	2.1	42	24	79	1	1	1	35
90L 285B L-007	1	1.8	43	8	57	1	1	1	25
90L 285B L-008	1	2.5	51	18	74	1	1	1	25
90L 285B L-009	2	1.3	40	20	56	9	1	1	65
90L 285B L-010	1	2.0	46	13	68	1	1	1	35

130°45'

57°14'

N

QUEST 1 | QUEST 2

QUEST 3 | QUEST 4

MDi/Bas

MDi/Bas

MDi/Bas

Bas

MDi/Bas

MDi/Bas/And

MDi/And

Di (And)

MDi

Di (And)

MDi

And (T?)

Bas flows overlying strongly foliated pale green and T

and T (pale green ankerite)

and T not seen below this point

maroon volcanics (and T?)

T(?)

CH (Int?)

Felsic Int (?)

Py Mal Az

green volcanics (And)

Orthoclase Porphyry

Py ≤ 30%

CH (Int?)

green volcanics (And)

green volcanics (And?) + brown trachyte (?) (Orthoclase Porphyry?)

green volcanics (And?)

ARG

ARG/SST

CH (Int?)

CH (Int?)

CH (Int?)

LapT

ARG

Orthoclase Porphyry

Di

Di

Di

Di

Di

T(?)

And

LST

abundant MDi dykes (130°/60°N)

pale green and T cut by MDi dykes (gossanous-ankerite)

MDi

altered T

Bas (columnar jtd, in places vesicular)

MORE CREEK

and T

and T, minor felsite(?)/siliceous SLT, LST

and T

and T (subvolc. intrusive?)

and T (minor Di(?), Orthoclase Porphyry)

and T cut by GRANO

Di

?

LEGEND

and	andesitic
And	andesite
ARG	argillite
Bas	basalt
CH	chert
Di	diorite
GRANO	granodiorite
Int	intrusion
LapT	lapilli tuff
MDi	monzodiorite
SST	sandstone
T	tuff
Az	azurite
Mal	malachite
Py	pyrite
g	gossan

outcrop

float

mineral occurence

geological contact

joint

bedding

foliation

shear/fault

syncline

4000 — 100 foot contour interval

Note: Claim boundaries taken from government claim map.

0 250 500 750 1000 m

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

CANADIAN CARIBOO RESOURCES LTD.

~~GEOLOGICAL BRANCH~~

ASSESSMENT REPORT

QUEST PROPERTY

GEOLOGY

21,316

DATE: Jan 1991	NTS: 104 G/2
PROJECT: 285 B	PROJ. GEOL.
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 1

130°45'

57°14'

N

QUEST 1 | QUEST 2

QUEST 3 | QUEST 4

90L285BL-001
90L285BL-002
90L285BL-003
90L285BL-004
90L285BL-005
90L285BL-006
90L285BL-007
90L285BL-008
90L285BL-009
90L285BL-010
90L285BL-011
90L285BL-012

90T285BL-008
90T285BR-002
90T285BL-007
90T285BL-006
90AD285BR-007
90AD285BR-005
90AD285BR-004
90AD285BR-006
90L285BR-003
90AD285BR-003
90L285BR-001
90L285BR-002
90AD285BR-002
90AD285BR-001

90L285BR-005
90L285BR-004
90T285BL-009
90T285BL-005
90T285BL-004
X90T285BR-003
90L285BL-010
90T285BL-010
90T285BL-011
90T285BL-012
X90T285BR-001
90T285BL-002
90T285BL-003
90T285BL-001

MORE CREEK

215 M.

GLACIER

LEGEND

- x — Grab / chip sample.
- △ — Float sample.
- ○ — Silt sample.
- ~ — Creek.
- 4500 — 100' contour interval.

Note : Claim boundaries taken from government claim map

0 250 500 750 1000 m

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG

CANADIAN CARIBOO RESOURCES LTD.

QUEST PROPERTY

GEOCHEMICAL SAMPLE LOCATIONS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,316

DATE: Jan. 1991	NTS: 104 G/2
PROJECT: 285 B	PROJ. GEOL.:
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 2