ARIS SUMMARY SHEET

District Geologist, Prince George   Off Confidential: 90.03.30

ASSESSMENT REPORT 18610   MINING DIVISION: Cariboo

PROPERTY: Eureka
LOCATION: LAT 52 19 00 LONG 120 37 00
UTM 10 5798716 662453
NTS 093A07E

CAMP: 036 Cariboo - Quesnel Belt

CLAIM(S): EN 5
OPERATOR(S): Sirius Res.
AUTHOR(S): Rowan, L.G.
REPORT YEAR: 1989, 35 Pages
COMMODITIES
SEARCHED FOR: Gold,Copper
KEYWORDS: Triassic - Jurassic,Takla Group,Volcanics,Sediments,Intrusives
Calcite,Pyrite,Pyrrhotite
WORK
DONE: Drilling,Geochemical
DIAD 172.5 m 2 hole(s)
Map(s) - 3; Scale(s) - 1:50 000,1:5000,1:250
SAMP 46 sample(s) ;AU,CU,ZN
RELATED
REPORTS: 02137,02662,03814,05215,09786,10723,11935,13365,15527
MINFILE: 093A 011

DRILLING REPORT ON THE 1988 EXPLORATION PROGRAM FOR THE EUREKA CLAIM GROUP

MACKAY RIVER AREA, CARIBOO MINING DIVISION
BRITISH COLUMBIA, CANADA

LATITUDE: 52°18'N LONGITUDE: 120°38'W

NTS: 93A/7E

PROPERTY OWNERS: ERIC SCHOLTES
ROBERT CARSON
UMEX INC.

OPTIONORS: SIRIUS RESOURCE CORPORATION

MARCH 10, 1989

1257 GEOLOGICAL LTD.
1150-609 West Hastings St.
Vancouver, B.C. V6B 4W4

LORNE G. ROWAN, B.Sc.

SUMMARY

The Ashton Copper-Gold project focuses attention on the Eureka group of mineral claims which comprise 51 claim units covering approximately 23 square kilometers on Eureka Peak Mountain, in the Horsefly River region of the Cariboo Mining Division in Central British Columbia.

Interest in the area began in 1958 with the discovery of porphyry copper mineralization associated with calcic-alkaline granitoid stocks in the vicinity of Eureka Peak. Work on the property has occurred intermittently since then for its copper-porphyry potential by several companies; including Helicon Exploration, Amax, Riocanex, Noranda and in 1981 by Umex Corporation. The rock geochemical survey conducted by Umex Corporation identified several gold anomalies in the Eureka Peak area. More recently, copper mineralization with gold in association has been identified in samples taken from the property.

In the Fall of 1988, Sirius Resource Corporation optioned the Eureka group from its owners and conducted a limited exploration program consisting of data compilation and diamond drilling. The purpose of the drilling was to test a small portion of the alteration halo surrounding the nearby Eureka Peak intrusive. The drilling produced anomalous copper values, but the alteration halo was not reached.

Plutons compositionally related to the type of intrusive found at Eureka Peak have historically hosted significant gold deposits as zoning features accompanying porphyry copper mineralization. At current metal prices, the discovery of a large tonnage copper-gold porphyry type deposit would be economically attractive.

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1.0 INTRODUCTION

1.1 Scope

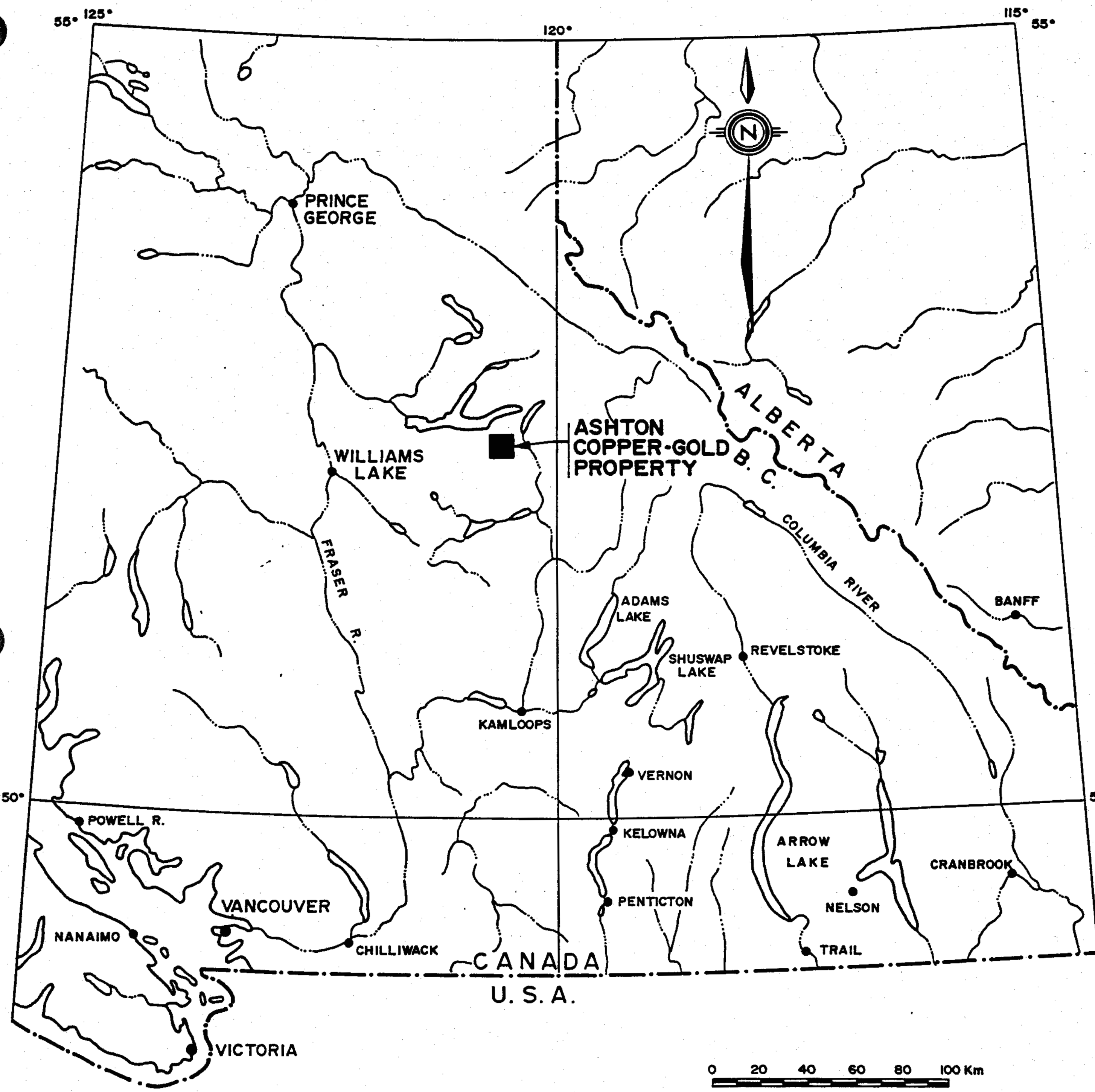
In November of 1988, 1257 Geological Ltd. was commissioned by Sirius Resource Corporation to conduct an assessment of the geology and to supervise a short diamond drilling program on the Ashton Copper-Gold project. This report is based upon the results of the diamond drilling and from information contained in previous reports that were made available to the author.

1.2 Location and Access

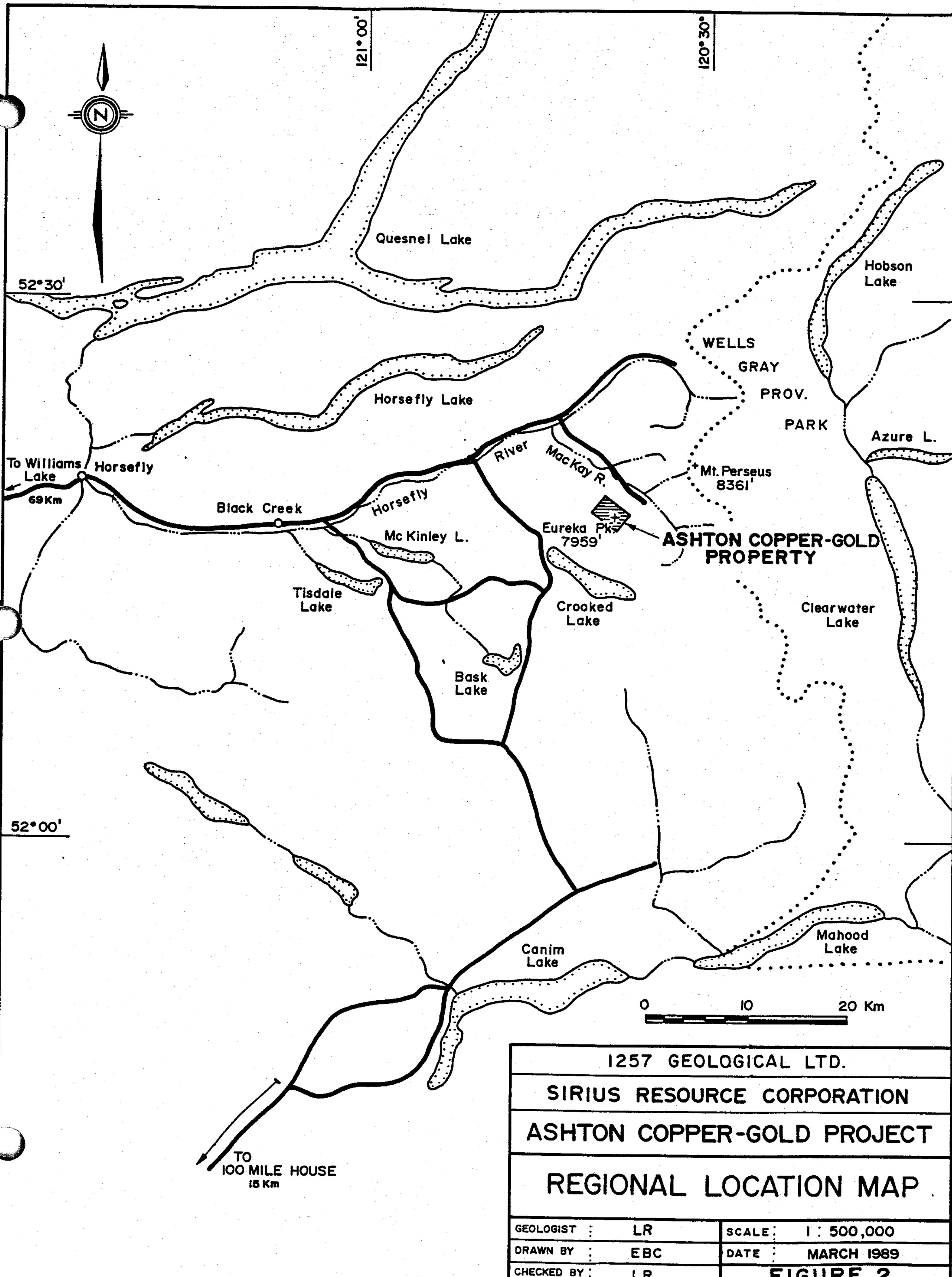
The Ashton Copper Gold Project is situated at approximately 120°38'W and 52°18'N about 375 km northeast of Vancouver. Access is by highway 97 from the 150 Mile House junction easterly for 55 km to the town of Horsefly, then northeasterly along an all-weather gravel road for 55 km to about Post 153. From there, a branch road crosses the Horsefly River and enters into the MacKay River valley. The base camp at Hawkley Creek is reached after 7 km and the drill site is approximately 4 km beyond camp. Topography is quite steep on the property with Eureka Peak at 2388 metres (7959 feet) being the highest point.

1.3 Claims

The property consists of 25 claims totalling 51 units covering an area of 11.8 square kilometers. The claims are grouped, for assessment purposes, in the Eureka Group.



1257 GEOLOGICAL LTD.			
SIRIUS RESOURCE CORPORATION			
ASHTON COPPER-GOLD PROJECT			
LOCATION MAP			
GEOLOGIST :	LR	SCALE :	1 : 2,500,000
DRAWN BY :	EBC	DATA :	MARCH 1989
CHECKED BY :	LR	FIGURE 1	



1257 GEOLOGICAL LTD.

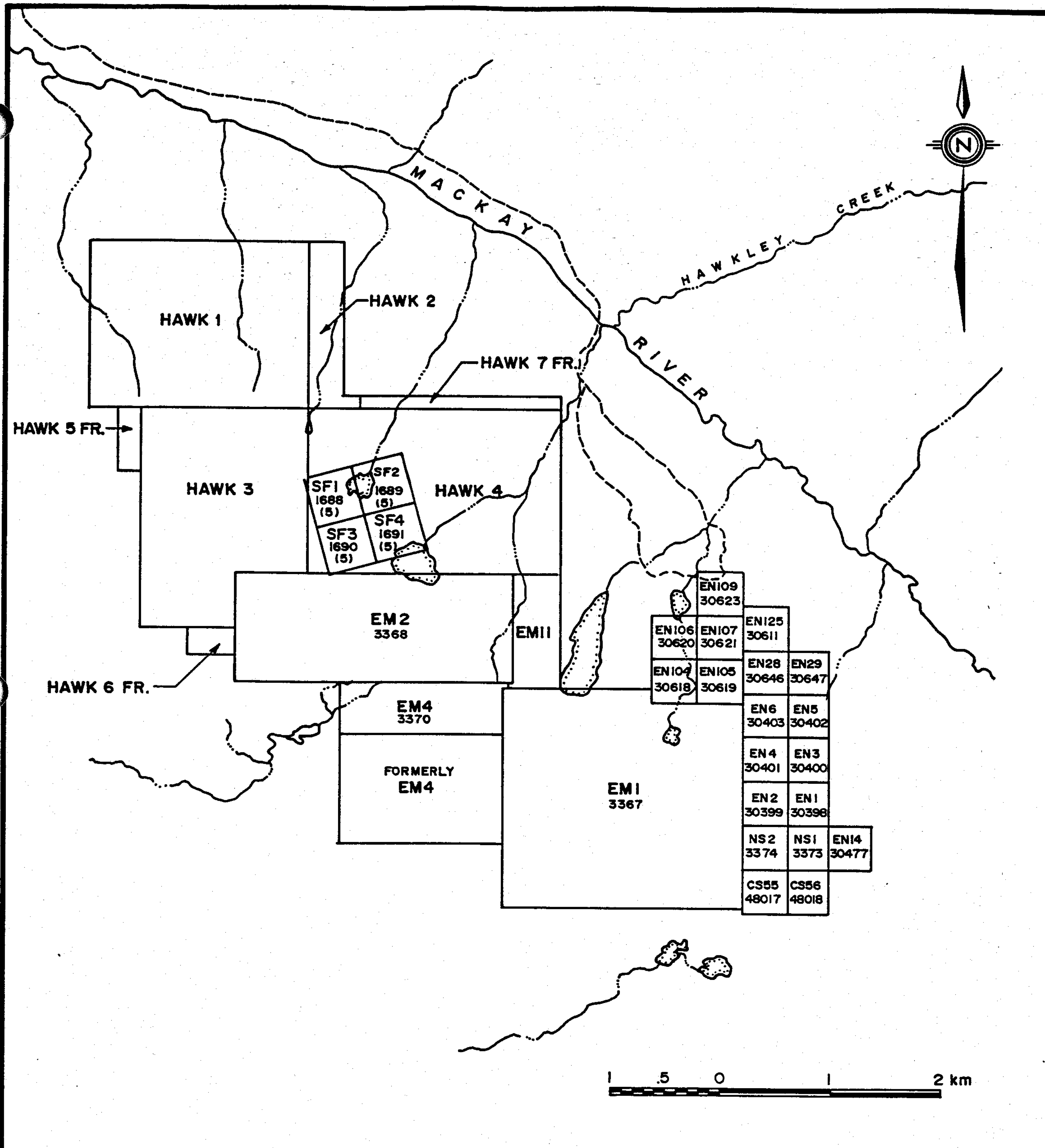
SIRIUS RESOURCE CORPORATION

ASHTON COPPER-GOLD PROJECT

REGIONAL LOCATION MAP

GEOLOGIST :	LR	SCALE :	1 : 500,000
DRAWN BY :	EBC	DATE :	MARCH 1989
CHECKED BY :	LR	FIGURE 2	

Claim Name	Units	Record Number	Expiry Date	Owner
EM 1	16	3367	APRIL 2, 1989	UMEX INC.
EM 2	10	3368	APRIL 2, 1989	UMEX INC.
EM 4	3	3370	APRIL 2, 1989	UMEX INC.
EN 1	1	30398	AUGUST 5, 1989	ERIC SCHOLTES
EN 2	1	30399	AUGUST 5, 1989	ERIC SCHOLTES
EN 3	1	30400	AUGUST 5, 1989	ERIC SCHOLTES
EN 4	1	30401	AUGUST 5, 1989	ERIC SCHOLTES
EN 5	1	30402	AUGUST 5, 1989	ERIC SCHOLTES
EN 6	1	30403	AUGUST 5, 1989	ERIC SCHOLTES
EN 14	1	30477	AUGUST 5, 1989	ERIC SCHOLTES
EN 28	1	30646	SEPTEMBER 28, 1989	ERIC SCHOLTES
EN 29	1	30647	SEPTEMBER 28, 1989	ERIC SCHOLTES
EN 104	1	30618	AUGUST 30, 1989	ERIC SCHOLTES
EN 105	1	30619	AUGUST 30, 1989	ERIC SCHOLTES
EN 106	1	30620	AUGUST 30, 1989	ERIC SCHOLTES
EN 107	1	30621	AUGUST 30, 1989	ERIC SCHOLTES
EN 109	1	30623	AUGUST 30, 1989	ERIC SCHOLTES
NS 1	1	3373	APRIL 2, 1989	UMEX INC.
NS 2	1	3374	APRIL 2, 1989	UMEX INC.
CS 55	1	48017	OCTOBER 24, 1989	ROBERT J. CARSON
CS 56	1	48018	OCTOBER 24, 1989	ROBERT J. CARSON
SF 1	1	1688	MAY 30, 1989	ROBERT J. CARSON
SF 2	1	1689	MAY 30, 1989	ROBERT J. CARSON
SF 3	1	1690	MAY 30, 1989	ROBERT J. CARSON
SF 4	1	1691	MAY 30, 1989	ROBERT J. CARSON
	51			



1257 GEOLOGICAL LTD.			
SIRIUS RESOURCE CORPORATION			
ASHTON COPPER-GOLD PROJECT			
CLAIM MAP			
GEOLOGIST :	LR	SCALE :	50,000
DRAWN BY :	EBC	DATE :	MARCH 1989
CHECKED BY :	MM	FIGURE 3	

1.4 Property History

The claims that comprise the Ashton Copper-Gold project were first staked by prospector Eric Scholtes of Williams Lake in 1958. Since then there has been extensive reconnaissance exploration work for a porphyry copper style deposit primarily in cirques 1,2, and 7. Following is a list of the exploration work that has been carried out on the property:

1958	The copper showings were discovered on Eureka Peak property by prospector E. Scholtes of Williams Lake.
1965	E. Scholtes and J. Carson, prospectors, optioned the property to Helicon Explorations, subsidiary of Chapman, Wood & Griswold Ltd.
1965-66	Helicon performed following work on the property: X-ray drilling in Cirque 1 and 7, construction of the 72 foot long adit in Cirque 2, drilling of 630 foot horizontal hole from the adit, compilation of contours at 100 foot intervals onto the topographic maps, reconnaissance aeromagnetic, geochemical and geological surveys, ground EM and IP surveys in Cirque 2.
1967	Chapman, Wood and Griswold dropped their option after having spent a reported $155,000.00.
1968	H. Trario spent $20,000 on EM survey in Cirque 2 and diamond drilling (3 holes were drilled).
1968	Property was restaked by Scholtes and Carson.

1981	UMEX Inc. optioned the property. A. Chevalier undertook detailed lithogeochemical sampling program and he concluded that the property had potential for 1) Cu-Au mineralization and 2) Zn, Ag, Pb and Mo mineralization.
1983	Dome Exploration optioned the Eureka Peak property from UMEX Inc. Geochemical sampling of silt, soil and rock-chip was undertaken in order to confirm the gold anomalies indicated by UMEX's sampling program in 1981. Only trace amounts of gold were located with the exception of one very narrow shear zone within the auguite porphyry breccia (600 metres southeast of Eureka Peak) where samples ran 1.3 to 1.7 g/ton Au.
1984	Dome Exploration carried out another lithogeochemical sampling program which was concentrated on Cirque 2 and 3 in order to confirm gold anomalies indicated from previous sampling.
1986	Umex Inc. completed a 1:5000 geological mapping of Cirque 2,3,5 and 7. Further lithogeochemical sampling took place, with 98 samples being collected.

1.5 1988 Exploration Program

The purpose of the 1988 Exploration program was to compile available information on the property and to establish the volcanic/intrusive contact through diamond drilling. Two drill holes were sited from existing roads to cut the contact as it was projected by UMEX in 1986. Diamond drilling began on November 22, 1988 and was completed on November 28, 1988. The first hole failed to reach bedrock after penetrating 25.3 metres of overburden, and the second hole reached a depth of 147.2 metres at an inclination of -50°, but failed to cut the contact. The drill core was transported to the base camp at Hawkley Creek for logging, sampling and subsequent storage. Lorne G. Rowan supervised the commencement of the diamond drilling and core sampling, and Mark A. Morrison continued and finished the logging and drill core sampling. A total of 46 samples were selected, split by a manual blade splitter and shipped to CDN Resource Laboratories in Burnaby for assaying. The remaining portion of the drill core has been stored in enclosed racks at the Hawkley Creek base camp, where it is available for future inspection. Anomalous values of copper were encountered along with alteration which was thought to be indicative of the periphery of the zonal alteration caused by the intrusive.

2.0 GEOLOGY

The Ashton Copper-Gold Project claim group is located on and around Eureka Peak and its ridgeline. Eureka ridge is formed on the Eureka Peak syncline; which lies on the eastern flank of the Quesnel Trough, near its boundary with the Omineca Belt. The rock units exposed on the property have been thought to be part of the Triassic-Jurassic Takla Group rocks of the Quesnel Trough. However they are non-typical and may constitute a unique sequence of a granitoid stock that has intruded into its own co-magmatic pile of sedimentary volcanics. The intrusive is thought to be Cretaceous in age and is an epizonal complex. Composition is primarily granodioritic, but ranges from felsic quartz monozonite through to peridotite and amphibolite. Underneath the assemblage of volcano-sedimentary and intrusive rocks is a series of ultramafic, sill-like intrusions. These have been metamorphosed and are thought to be older than the volcanics. Blocks and fragments of these intrusive ultramafics are found in the augite-porphyry breccia of the overlying mafic volcanics. A major fault exists above the ultra mafics and it is along this fault that the later granodioritic stock probably intruded.

The Diamond drill hole SEP-88-08 was drilled in a sequence of mafic volcanics. It intersected a series of both brecciated and non-brecciated flows, minor fine grained dykes and tuff beds. Weak, pervasive, propylitic alteration was present throughout all units. Calcite occurs as stringers, veinlets and blebs in the flow rocks and in the brecciated sections it supports up to 2 cm clasts and comprises between 10% and 20% of the rock. Both pyrite and pyrrhotite occur as disseminations and blebs. The pyrrhotite is anhedral and the pyrite as anhedral to euhedral, up to 2mm (cubic crystals). All rock types have sections of coarse, milky white quartz-calcite veins and veinlets. Sections of veining are often accompanied by stronger chloritic alteration of mafics and light green, sub 1mm stringers of probable epidote.

3.0 DISCUSSION OF RESULTS

The 1988 exploration program on the Ashton Copper Gold project was successful in accomplishing its objectives. The compilation of reports from previous work programs on the property has provided a foundation of information for Sirius Resource Corporation to interpret and utilize towards further exploration.

Several drill targets have already been identified above the adit constructed by Helicon in 1966 and along the flank of the ridge which forms the north slope of Eureka Bowl. These drill targets will be accessible during the summer months only.

A ground EM survey conducted in 1966 outlined the boundaries of a large electromagnetic conductor surrounding the Eureka Peak intrusive. The conductor has been interpreted to represent the pyrrhotite halo which extends from the intrusive contact into the surrounding volcanic rocks. Reconnaissance mapping supports this interpretation.

The limited drill program completed in November, 1988 by 1257 Geological Ltd. on behalf of Sirius Resource Corporation, was intended to confirm the location of the inferred contact between the intrusive and the volcanic rocks at depth. The second drill hole intersected a series of weakly propylitic altered mafic volcanic rocks and tuffs. The presence of small veinlets and disseminations of pyrite and pyrrhotite as well as minor amounts of disseminated chalcopyrite in the drill core are thought to be peripheral products of the zonal alteration caused by the intrusive. Mapping has shown that copper mineralization extends up to 70 metres into the altered mafic volcanics, with the pyritic halo extending another 30 metres beyond that. The diamond drill hole did not reach the area of strongest alteration, although anomalous copper values up to 295 ppm were intersected. All indications are that the potential exists for an economic copper porphyry deposit closer to the intrusive.

4.0 CONCLUSIONS

The property which comprises the Ashton Copper-Gold project has potential for hosting an economic copper porphyry deposit with associated gold mineralization. Previous work on the property has identified a halo of disseminated copper mineralization which extends approximately 70 metres into the surrounding volcanic rocks from the intrusive. The drilling completed in November 1988 on behalf of Sirius Resource Corporation intersected zoning features of this alteration halo, returning anomalous values of copper.

Plutons compositionally related to the Eureka Peak intrusive have historically hosted economic gold deposits in British Columbia. Results to date warrant continued exploration of this intrusive complex.

5.0 ITEMIZED COST STATEMENT

B.G. Richards, P. Eng.		
3 days @ $400.00 per day		$ 1,200.00
M. Morrison, Geologist		
7 days @ $230.00 per day		1,610.00
D. Barrett, Core Splitter		
2 days @ $100.00 per day		200.00
Diamond Drilling		
172.5 metres @ 101.10/metre		17,440.29
Road Maintenance, Snow Removal		
Grader		1,500.00
Camp Costs		
Rental of trailer complex and associated equipment	2,080.00	
Catering	1,764.00	
Maintenance	1,200.00	
		5,044.00
Transportation		
Trucks and ATV's		883.38
Assay Costs		
CDN Resource Laboratories		
46 samples @ $12.40		570.40
Report Writing		
Geologist, draftsman, typing, reproductions		3,240.00
TOTAL COSTS		$31,688.07

REFERENCES

1. Chevalier, A. (1982) Eureka Project, Report on the 1981 Exploration Program

2. DUBA, D. (1986) Geological and Geochemical Report for the 1986 Eureka Peak Project. Report for UMEX Inc.

3. HURD, G.M. (1966) Summary Report, Eureka Project.

4. MUSTARD, D.K. (1969) Property Examination, Eureka Mountain Prospect Report for AMAX

5. ODDY, R.W. and CAMERON, R.S. (1984) Geological and Geochemical Report for 1983, Eureka Peak Project 237. Report for Dome Exploration (Canada) Ltd.

<u>Author's Statement of Qualifications</u>

I, Lorne G. Rowan, do hereby certify:

1. That I am a self-employed geologist with an office at 32595 Dalhstrom Avenue, Abbotsford, B.C.

2. That I graduated from the University of British Columbia in 1985 with a degree of Bachelor of Science in Geology.

3. That I have practiced my profession since graduation in British Columbia and the Yukon Territory.

4. That I am a member in good standing of the Geological Association of Canada.

5. That I personally conducted or supervised the work program described in this report dated February 28, 1989.

6. That I own shares in Sirius Resource Corporation.

7. That written permission from the author is required to publish this report in any Prospectus or Statement of Material Facts.

Dated at Vancouver, British Columbia this   day of March, 1989.

Lorne Rowan

Lorne G. Rowan, B.Sc.
Geologist

APPENDIX I - DRILL LOGS: SEP-88-07,08

DIAMOND DRILL LOG HOLE NO. SEP-88-07

DIP TESTS :
AT ___ FT. ___ AT ___ FT. ___
AT ___ FT. ___ AT ___ FT. ___
AT ___ FT. ___ AT ___ FT. ___
AT ___ FT. ___ AT ___ FT. ___

PROPERTY: Ashton Copper-Gold
LOCATION: Eureka Bowl
CLAIM: EN 5
ZONE: Not Applicable
STARTED ON: Nov. 22, 1988

LATITUDE:
DEPARTURE:
HORIZ. TRACE: 16.2 m
VERT. TRACE: 20.2 m
COMPLETED ON: Nov.23, 1988

DIP: -50°
LENGTH: 83ft/25.3 m
BEARING: 270°
ELEV. COLLAR: 1520 m
LOGGING ON: Not applicable

CORE SIZE: NQ
DRILLING CO.: Rogers
MACHINE: JKS 300
Logged by: Drill hole not logged.

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV	LITHOLOGY	SULPHIDES H	A	H	A	H	A	H	A	GANGUE - ALTERATION H	A	H	A	H	A	H	A	H	A	H	A	SAMPLE Nº.	INTERV. (feet) (m)	ASSAY oz/ton Au	ASSAY	AVERAGE ASSAY oz/ton/ft
0	25.3			Casing																									
				- hole abandoned at 83 ft. after failing																									
				to reach bedrock.																									
				No core to be logged or sampled.																									

ABBREVIATIONS FOR DRILL LOGS

AMOUNT: A=amount in percentage; t=trace; m=minor; 10=percentage,eg.10%.

COLOURS: bk=black; bl=blue; br=brown; grn=green; gry=grey

MODE OF OCCURRANCE: B=blebs; brx=breccid(ted); CBA=core to bedding angle; Clv=cleavage-plane; diss.=disseminat(ions,ed) F=foliation; G=gouge; I=irregular veins; MSV=massive; Q=quilted, disseminated patches; V=veins; W=box work.

MINERALS: Ars=arsenopyrite; Au=visible gold; bio=biotite; cal.=calcite; chl=chlorite; cpy=chalocopyrite; F-spar=feldspars; Fe-carb=iron carbonate; gn=galena; Mag=magnetite; PO=pyrrhotite; py=pyrite; ;lag=plagioclase; qtz=quartz; ser=sericite; spl=sphalerite

DIAMOND DRILL LOG HOLE NO. SEP-88-08

DIP TESTS:
AT 0 FT. -50° AT ___ FT. ___
AT 488 FT. -51° AT ___ FT. ___
AT ___ FT. ___ AT ___ FT. ___
AT ___ FT. ___ AT ___ FT. ___

PROPERTY: Ashton Copper-Gold
LOCATION: S.E. corner of cut block
CLAIM: EN-5
ZONE: Not applicable
STARTED ON: Nov.25, 1988

LATITUDE:
DEPARTURE:
HORIZ. TRACE: 93 m
VERT. TRACE: 115 m
COMPLETED ON: a.m. Nov.28,1988

DIP: -50°
LENGTH: 483 ft/147.2 m
BEARING: 240°
ELEV. COLLAR: 1574 m
LOGGING ON: Nov.26-28/88

CORE SIZE: NQ
DRILLING CO.: Rogers Drilling
MACHINE: JKS 300
Logged by: M. Morrison

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOVY.	LITHOLOGY	SULPHIDES	GANGUE - ALTERATION	SAMPLE No.	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft
0	0.91m			Casing to Bed rock							
0.91	3.96	Amp		-amphibolite w/minor calcic stgs		58126	2.14	3.75	<3		
				-minor epidote and hornblende laths							
				to small crystals							
				-more epi and hbl x'ls up to 2mm at							
				2.44m w/m. dissem. py							
				-m.calcite in fractures w/py @ 20°							
				to C/A							
				-3.6 m more epi and hbl in anhedral							
				x'ls							
3.96	5.10	Amp		-epi stgs in a more mafic alt'd amp.,							
				flowage direction 30° to C/A		58127	3.96	5.05	3		
				-hbl average ≃ 10% overall w/calcite							
				blebs & stgs and chlorite w/mafic f.g.							
				matrix							

ABBREVIATIONS FOR DRILL LOGS

AMOUNT: A=amount in percentage; t=trace; m=minor; 10=percentage,eg.10%.
COLOURS: bk=black; bl=blue; br=brown; grn=green; gry=grey
MODE OF OCCURRANCE: B=blebs; brx=breccid(ted); CBA=core to bedding angle; Clv=cleavage-plane; diss.=disseminat(ions,ed) F=foliation; G=gouge; I=irregular veins; MSV=massive; Q=quilted, disseminated patches; V=veins; W=box work.
MINERALS: Ars=arsenopyrite; Au=visible gold; bio=biotite; cal.=calcite; chl=chlorite; cpy=chalocopyrite; F-spar=feldspars; Fe-carb=iron carbonate; gn=galena; Mag=magnetite; PO=pyrrhotite; py=pyrite; ;lag=plagioclase; qtz=quartz; ser=sericite; spl=sphalerite

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES M A	M A	M A	M A	GANGUE - ALTERATION M A	M A	M A	M A	M A	M A	SAMPLE Nº	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
5.10	5.60	mafic dyke		-mafik dyke very chloritic some gouge										58128	5.05	5.60	<3		
				& alt'd softer															
5.60	7.48	Amp		-Amph w/calcite stgs ≃1% hbl, blu/gry										58129	5.60	7.48	<3		
				replaced mag(?) grading to brx at 6.6															
				→ 7.0 w/py c/d along shallow fractures															
				(≃50° to C/A)															
				7.48 grade to more chloritic															
7.48	10.88	Brx Amp		-Brx Amph. (gabbroic-like resemblance)															
				w/calcite stgs med grn-gry green w/															
				variable m. hbl															
				-calc/talc on fract ≃45° to C/A															
				displaying lateral movement thru core(?)															
10.88	11.38	dyke		-grade to more epi content, .1 m dyke										58130	10.88	11.38	<3		
		Amp		w/ py (stretched in flowage dir'n															
				≃60° to C/A) looks syenitic															
11.38	13.36	dyke		-dyke										58131	11.38	13.36	<3		
				variable epi up to 70% in .1 m sections;															
				hbl overall ≃15% m. dissem. py, dk grn/gry															
				matrix dissem. m. mafic, m. calc.															
				-lower contact chloritic															

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES				GANGUE - ALTERATION						SAMPLE Nº	INTERV. (feet) (m)		ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
					M A	M A	M A	M A	M A	M A	M A	M A	M A	M A						
13.36	16.67	Amp		Amph																
				-very chloritic m. Brx. and relict											58132	15.25	16.67	<3		
				clasts (hbl?) dk.grn.																
				-14.3 - 14.7 dissem. py.																
				-continue chloritic w/same epi																
				overprint and Brx. at 15.25 → 15.5																
				-some dissem.py.																
				- 1cm fracture @ 67° C/A calc/epi																
16.67	19.92	Amp		-more calcic w/epi v.f.g. mafics,											58133	16.67	18.81	<3		
				calcite stgs up to 1 cm wide and swirled																
				w/dissem. py																
				-continued variable calc/epi w/diss. py																
				cubes, fractures @ 45° C/A																
19.92	21.37			-epi stgs variable in clusters											58134	19.92	22.25	<3		
				-one section, .2 m w/calc diss.																
21.37	22.25	tuff		-py in Tuff 21.37 - 22.2 calcic/epi swirls																
				stgs & vn in f.g. dk grn tuffaceous matrix																
				w/py cubes (2 mm) or diss.																
22.25	23.77	Amp		-Amph w/variable hbl epi stg calc stgs																
				fracture ≃30° C/A																
23.77	29.9	Amp		Amph. Brx appearance chloritic/epi and											58135	24.21	26.0	<3		
				amph. calcic stgs m/py/d/c																

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES				GANGUE - ALTERATION						SAMPLE Nº	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
					M A	M A	M A	M A	M A	M A	M A	M A	M A	M A					
29.9	32.9	Amp		-increasing epi swirls and hbl, fract.															
				≃43° to C/A w/chl - calc infilling															
				-small hbl xls (euhedral) up to 3x1 cm															
				and cut by calc vn → softer ∴ altered															
				& chloritic (replacement)															
32.9	39.2	Amp		-increase in bl/gry remnant mag and calc.															
				-also py diss. cubes (up to 1 cm)															
				-calc/chl. in fractures ≃10° to C/A,															
				fractures ≃50° to C/A															
				-grades to more mafic (dkr grn-blk →															
				chlorite) and epi 36.0															
				-epi, plag.? (pale pink/brn.)															
				-dissem. py in small clusters or in mag.															
				xls															
				-calc. stgs & Vn ≃80° to 88° C/A															
39.2	39.6	Tuff		-alt'd tuff w/epi swirls and amph w/m. py															
				cubes															
39.6	42.2			-Amph., 40 → 40.6 lesser chl															
				-40.6 increasing chl and mafic swirls										58139	42.06	42.5	<3		
42.2	42.35			-calci/qtz vn w/epi and m. dissem. py															
				≃50° to C/A															
				-grade to amph then more calcic swirls															
				w/epi															

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES				GANGUE - ALTERATION						SAMPLE Nº.	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
					M A	M A	M A	M A	M A	M A	M A	M A	M A	M A					
				-epi py cubes variable															
42.35	57.2	Amp		Amph															
				-46.7 to 46.77 qtz w/epi overprint										58140	43.2	43.89	<3		
				Vn 90° to C/A, w/overall dark xls										58141	47.33	48.13	<3		
				→increasing epi content										58142	49.2	50.06	<3		
				47.6 → 48.0 qtz Vn w/epi and 2 mm long															
				dk anhedral xls(hbl/augite)															
				-swirled and ≃40° to C/A, grades to amph.															
				-49.95 to 49.99 ≃65° to C/A calcic Vn															
				w/diss. py cubes															
				-f.g. matrix on each side of contacts,															
				chloritic & w/epi															
				-continue more Brx. pattern very magnetic															
				-variable epi/chl, m.mag w/py cubes 2 mm															
				-55.0 mag. cluster then m. amounts															
57.2	58.4	Dyke		Dyke										58143	57.06	58.5	<3		
				-m.diss. py cubes and calc.															
				-alt. amph, very chloritic, epi ≃60% and															
				alt. plag. (cream-brn colour)															
58.4	61.87	Amp		-amp. w/variable epi & calcite stgs										58144	61.75	62.75	<3		
				m. Brx., more Brx around 61.7 w/more															
				mafics															

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES				GANGUE - ALTERATION						SAMPLE Nº	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
					M A	M A	M A	M A	M A	M A	M A	M A	M A	M A					
61.87	62.3	Tuff		-alt. m. tuff w/epi. overprint															
62.3	80.3	Amp		-m. amph. w/dissem. py															
				-63.42 - 63.63 coarse grain (.5-1 mm)										58145	63.05	63.90	<3		
				mainly epi & mafics w/m. py cubes										58146	67.1	68.0	<3		
				-grade to amph. gradually w/py xls (2)															
				up to 1.5 cm															
				-variable chloritic epi.															
				-67.24 m. mag w/relict mag. w/py dissem.															
				& cubic															
				-67.6 → amph. m. Brx															
				-72.0 → start m. mag. grade to up to															
				(70% 2 mm mag xls) more mag.															
				-variable small xls w/ lg. clusters in															
				f.g. amph. matrix															
				calcic stgs, m.epi, m. py															
				-at ≃79.4 mag. disappears															
				-80.0 epi swirls w/m. calc stgs															
80.3	81.0			-f.g. tuffaceous matrix epidote matrix										58147	80.2	81.3	<3		
				(≃80%) → 80.5 py cubes & diss. (up to															
				.5 mm diss cubes)															
				-grade to f.g. Lt grey/bl. amph/tuff															
81.0	85.0			Amph w/diss. py															

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES	GANGUE - ALTERATION	SAMPLE No.	INTERV. (feet) (m) from	INTERV. to	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
85.0	90.03	Amp		Brx w/calc stgs & Vn to ≃85.3 then								
				increasingly siliceous w/epi swirls and			58148	85.1	86.9	<3		
				qtz swirls in dk grn mafic matrix, diss.			58149	86.9	88.64	7		
				py (cpy?) up to 5% in places.			58150	88.64	90.03	53		
				-grade to more darker matrix (softer								
				chloritic) at ≃87.5 w/same as above								
				≃88 m epi: Brx w/subrounded clasts up	diss py							
				to 6x3 cm 88.75 (x.1 m) qtz gangue w/epi	throughout	increasingly						
				/ py and amph ≃40° to C/A		siliceous &						
				-grade to epi ~>65% w/subrounded amph		chloritic						
				clasts, v. chloritic (m. hbl) and diss. py								
				89.5 - 89.6 ≃50° to C/A qtz (m.calc.)								
				milky colour w/py conc. along upr. contact								
				-open cavities ∴ sol'ns travelling thru.								
				-more epi. w/amph clasts (chloritic) and								
				more "honeycombed" sol'n courses w/py.								
90.3	93.6	Amp		-upr contact more calcic w/ qtz v.								
				(≃50°to C/A V.both sides) w/ diss. py,			58151	92.03	92.4	13		
				m.epi. amph and sol'n course cavities			58152	92.4	93.64	<3		
				-grade to (90.15) higher calcic content								
				in amph epi ≃5% w/diss. py along calc								
				vn ≃34° to C/A								
				-91.3 higher epi calcic stgs and diss. py								
				in f.g. bl.gry matrix amph py cubes up to								
				1cm, m. Brx.								

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES				GANGUE - ALTERATION						SAMPLE No.	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
					M A	M A	M A	M A	M A	M A	M A	M A	M A	M A					
93.6	96.9			-m. Brx Amph															
				more epi swirls and increase up to										58153	93.64	95.5	< 3		
				≃ 70% w/amph or alt hbl (120°cl)										58154	95.5	96.9	< 3		
				Chloritic w/diss. py															
				-clasts 1x1.5 cm grade to much larger															
				(massive) to 6x2 cm)															
				-clasts of Amph. in epi also 8 cm x 8 cm															
				-more Brx appearance of m.calc/qtz															
				w/epi stg in alt. amph.															
96.9				f.g. matrix ~ tuffaceous w/epi swirls															
				and diss. py										58155	96.9	98.9	<3		
				grade to amph w/epi and back to f.g. mafic										58156	98.9	101.5	43		
				matrix w/epi calc stgs and py in flow										58157	102.5	103.35	<3		
				dir.															
				~ 50° to C/A and shallower 101.5 grade															
				to Amph. w/epi and calc stgs															
				1 cal. V. 3 cm ~ 50° to C/A and shallower															
				101.5 grade to Amph. w/epi and calc. stgs															
				1 cal. V. 3 cm ~ 50° to C/A										58158	105.37	107.36	13		
				-epi m. past 103.3 frctr calcic w/m.															
				sulph. @ 30° to C/A															
				108.2 - increasing epi swirls to flow															
				dike w/ amph clasts															
				-lower contact 107.1										58159	108.35	110.6	3		
				107.1 Amph.															
				w/ variable epi m. diss. py										58160	114.83	116.4	<3		

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES	GANGUE - ALTERATION	SAMPLE Nº	INTERV. (feet) (m)		ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
				-a series of f.g. tuffaceous chloritic								
				w/epi overprint dikes 5 of them up to			58161	117.07	118.46	7		
				.18m, most w/diss.py. contacts & flow								
				~58° C/A								
				120.2 → increasing epi w/qtz	T → 121.3	in calcite swirl	58162	119.58	120.42	<3		
				(epi overprint)		also phlogopite mica	58163	120.9	123.0	<3		
				V. & stgs (90° to C/A)								
				m. diss. py - lg. dk. amph xls → give		↑						
				Brx appearance	m.	siliceous						
				123.26 increasing calc. w/ .3m section		↓	58164	123.26	124.3	3		
				w/diss. py/c. cpy?								
				125.0 → variable epi/calc in crackle								
				Brx amph. m. hbl.								
				129.1 → 129.3 v.f.g. tuffaceous / calc.			58165	128.93	130.95	<3		
				w/epi overprint dike w/m. py c.								
				130.45 - dkr. amph w/ diss. py and c.								
				up to 1 cm								
				130.8 m m.Brx w/m. tuff flow (132.4 m.								
				diss. py)								
				135.3 → 135.5 and 136.0 - 136.2 epi			58166	135.2	136.5	<3		
				overprint in f.g. tuffaceous matrix @								
				60° to C/A								

FROM (feet) (m)	TO (feet) (m)	ROCK TYPE	RECOV.	LITHOLOGY	SULPHIDES				GANGUE - ALTERATION						SAMPLE Nº	INTERV. (feet) (m)	ASSAY ppb	ASSAY	AVERAGE ASSAY oz/ton/ft.
					H A	H A	H A	H A	H A	H A	H A	H A	H A	H A					
				m.f.g. d/c more conc. around 136.4-136.5															
				137.0 - calc/m. tuff & epi swirls mainly										58167	136.6	139.0	7		
				60° to C/A → 137.1										58168	139.0	140.97	10		
				-amph.															
				137.95 dike f.g. alt m. tuff															
				epi w/ m. amph grade to amph w/ diss.															
				py, back to same dike matter, 138.5 -															
				138.65 →															
				amph Brx															
				139.1 same dike material as previous -															
				flow ~ 30° to C/A w/ py diss. in															
				foliations															
				140.5 more calcic until to Amph										58169	140.97	142.34	<3		
				(~140.7) then increasing calc															
				Siliceous															
				-Amph. m. Brx. w/															
				occasional m. py. in folin w/ epi stgs.															
143.9				increasing to m. tuffaceous										58170	142.85	145.2	10		
				(to chl. schist)										58171	145.2	147.2	7		
				matrix f.g. w/															
				diss. amph.											E.O.H.				
				-calc / epi / chl /stgs in fol'n w/ py															
				diss overall															
				-bedded effect 144.0 m to btm of hole															
				≈ 30° to C/A															
				E.O.H. 147.21 m															

APPENDIX II: ASSAY PROCEDURE AND ANALYTICAL RESULTS

CDN RESOURCE LABORATORIES LTD.
6329 BERESFORD STREET, BURNABY, B.C. V5E 1B3 / PH: 435-8376 / FAX: 435-9746

Lorne Rowan
1257 Geological Ltd.
1150 - 609 West Hastings
Box 26
Vancouver, B.C.
V6B 4W4

December 14, 1988

Dear Lorne:

The following are the procedures we followed for analysis of your samples from the Frasergold project:

Geochem Au - 30g of sample was fire assayed. The resultant prill was dissolved in 2.0 ml of aqua regia, bulked to 5.0 ml with distilled water and then presented to the AA for gold determination.

Assay Au - 30g of sample was fire assayed. The resultant prill was parted in dilute nitric acid. The gold bead obtained was then weighed if large enough. Those beads too small for accurate gold determination by weighing are dissolved in aqua regia and presented to the AA for gold determination.

Geochem Ag, Cu - 0.5 g of sample was digested in aqua regia on a hot water bath for 2 hours. The solution was bulked to 10 ml with distilled water and then presented to the AA for silver and copper determinations.

CDN RESOURCE LABORATORIES LTD.

6329 BERESFORD STREET, BURNABY, B.C. V5E 1B3 / PH: 435-8376 / FAX: 435-9746

GEOCHEMICAL REPORT

To: 1257 Geological Ltd.
1150 - 609 West Hastings
Box 26
Vancouver, B.C., V6B 4W4

Number: 88621
Date: December 5, 1988
Proj.: Ashton Gold
Area ENS

Attn: Lorne Rowan cc. Sirius Resource Corporation

	Au ppb	Cu ppm	Zn ppm
58126	< 3	26	30
58127	3	78	40
58128	< 3	52	44
58129	< 3	22	19
58130	< 3	5	26
58131	< 3	44	52
58132	< 3	24	17
58133	< 3	40	24
58134	< 3	108	44
58135	< 3	40	9
58136	< 3	15	18
58137	< 3	38	24
58138	< 3	19	15
58139	< 3	168	10
58140	< 3	122	20
58141	< 3	28	26
58142	< 3	174	26
58143	< 3	24	32
58144	< 3	134	34
58145	< 3	28	28
58146	< 3	26	14
58147	< 3	18	18
58148	7	118	54
58149	53	98	76
58150	13	240	72
58151	< 3	52	34
58152	< 3	28	22
58153	< 3	285	28
58154	< 3	164	20
58155	< 3	205	44
58156	43	280	56
58157	< 3	64	26
58158	13	74	17
58159	3	182	36
58160	< 3	76	20
58161	7	104	24
58162	< 3	44	13
58163	< 3	64	24
58164	3	295	28
58165	< 3	68	19

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.

6329 BERESFORD STREET, BURNABY, B.C. V5E 1B3 / PH: 435-8376 / FAX: 435-9746

GEOCHEMICAL REPORT

To: 1257 Geological Ltd.
1150 - 609 West Hastings
Box 26
Vancouver, B.C., V6B 4W4

Number: 88621
Date: December 5, 1988
Proj.: Ashton Gold
Area EN5

Attn: Lorne Rowan cc. Sirius Resource Corporation

	Au ppb	Cu ppm	Zn ppm
58166	< 3	74	20
58167	7	90	17
58168	10	76	30
58169	< 3	64	13
58170	10	86	20
58171	7	44	28

Duncan Sanderson

ACME A[...]ICAL LABORATORIES LTD. 852 E. HASTINGS ST. VAN[...]R B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)25[...]6

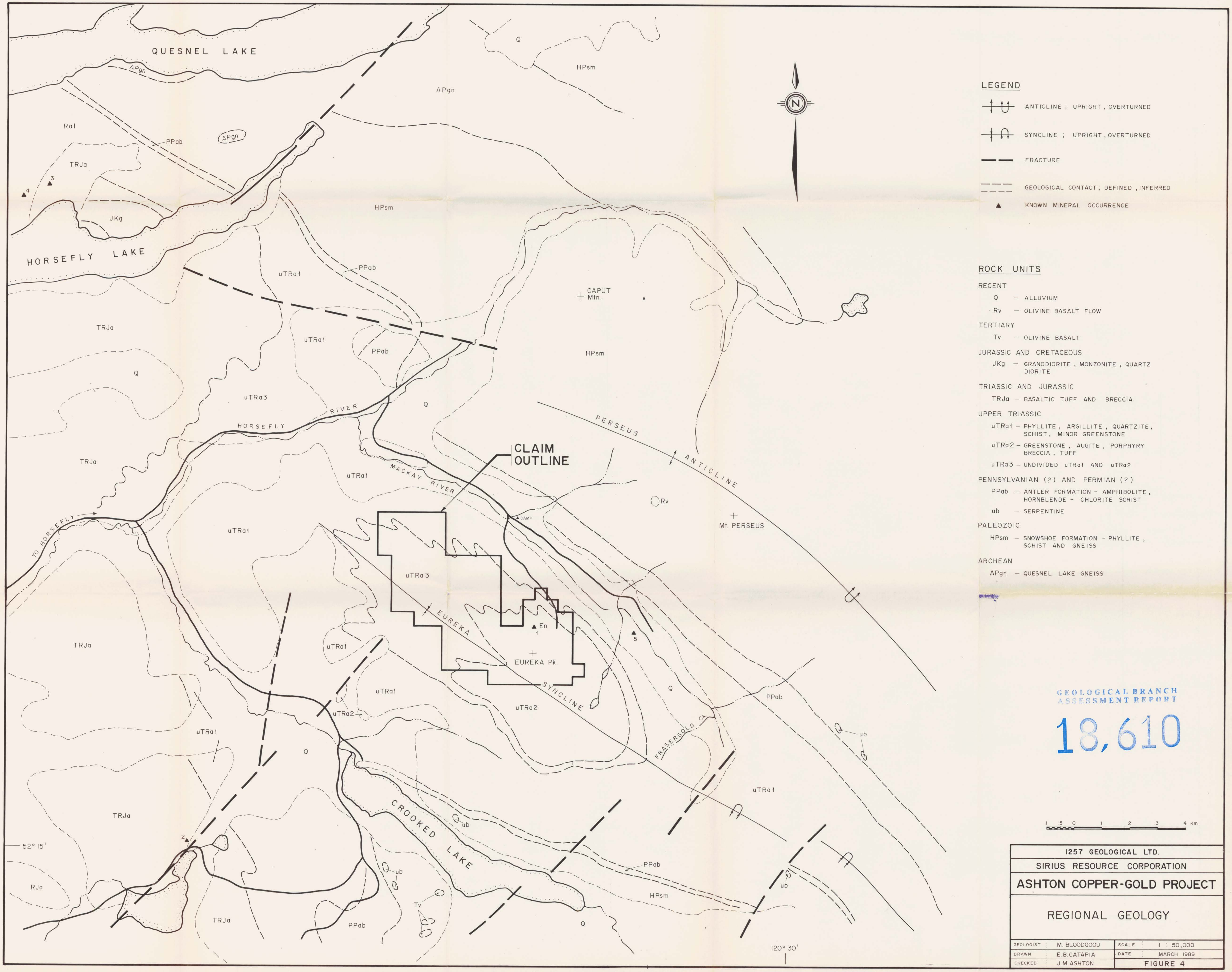
GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

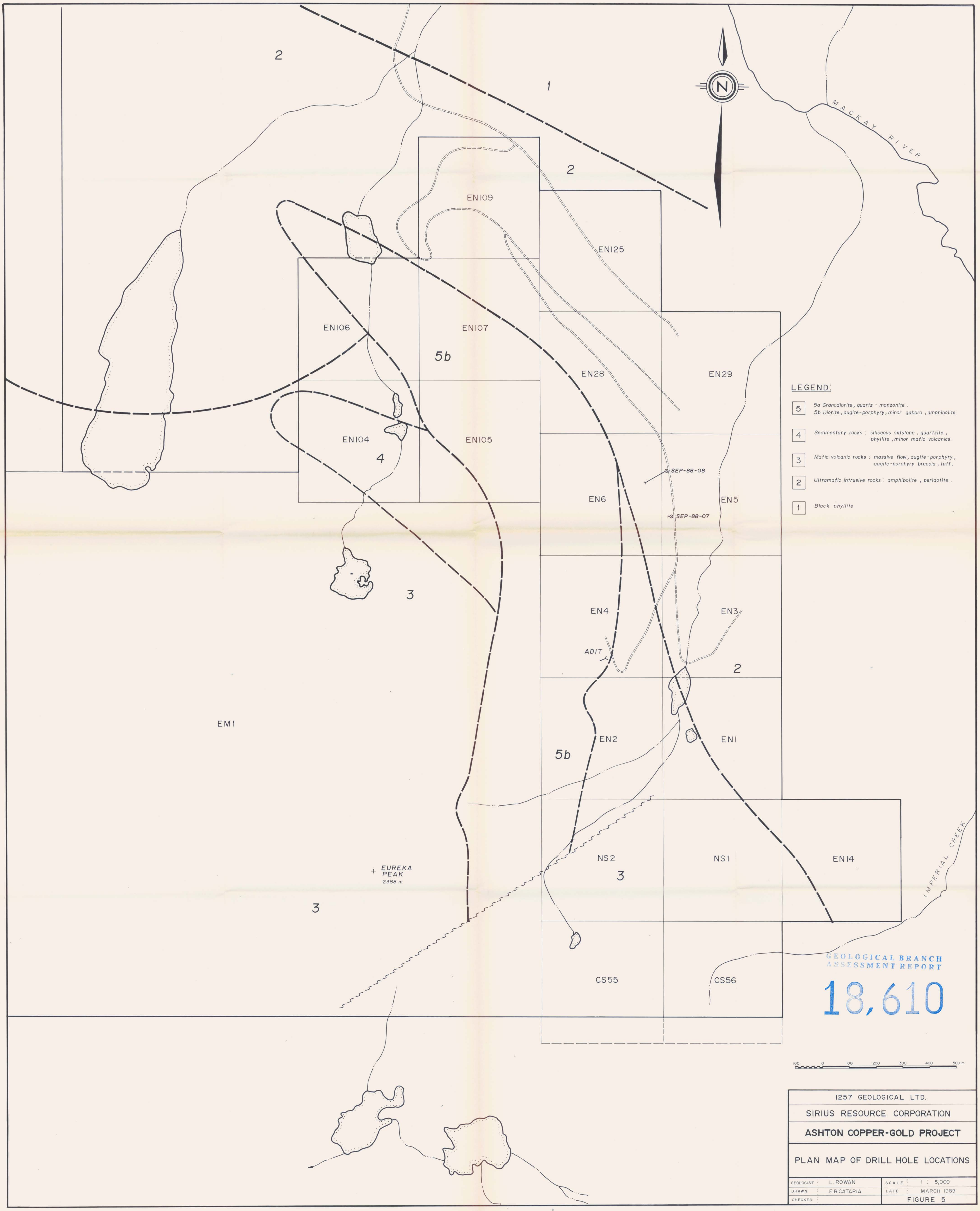
DATE RECEIVED: JAN 17 1989 DATE REPORT MAILED: Jan 19/89 SIGNED BY......D.TOYE. C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

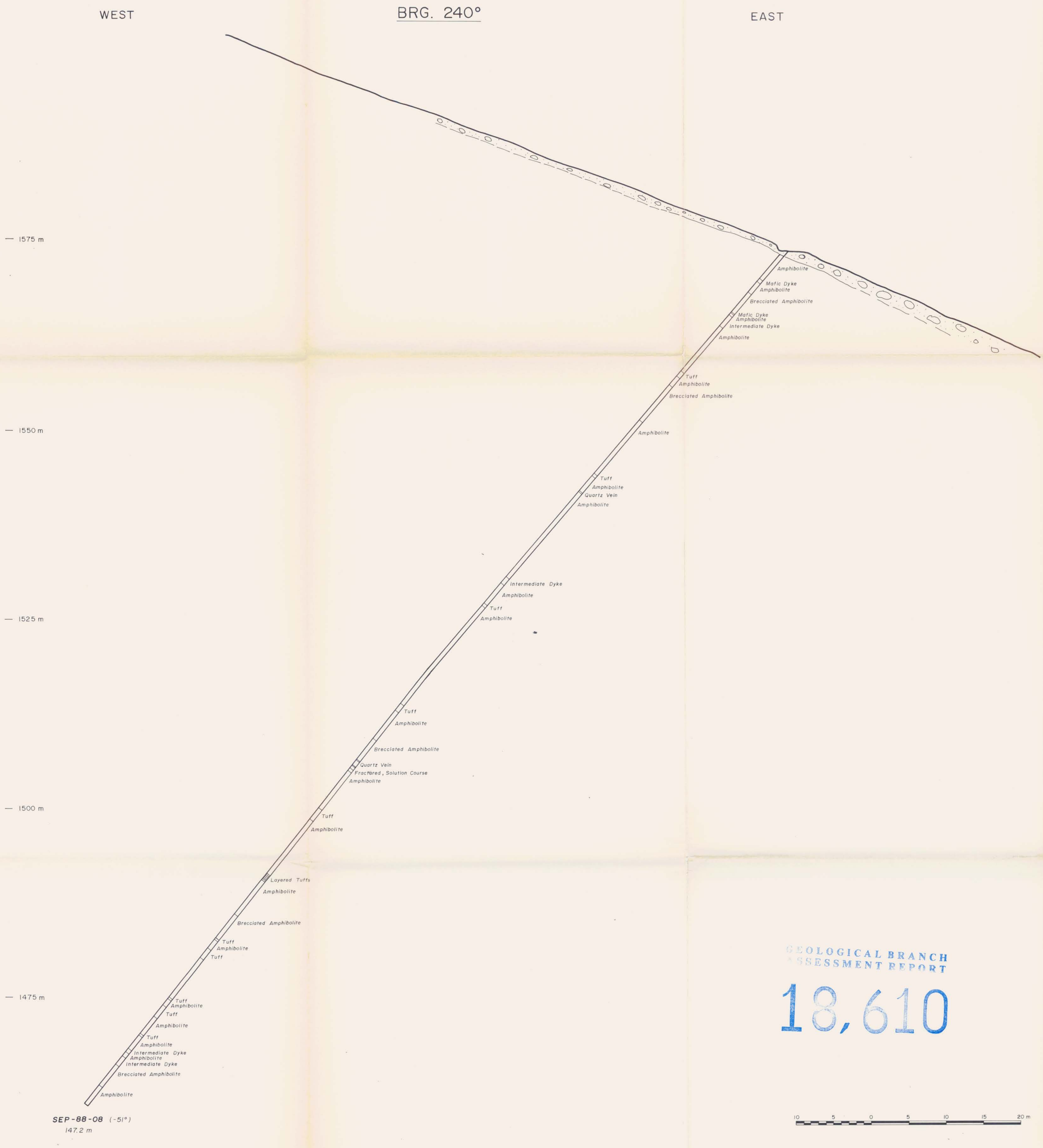
CDN LABS PROJECT 1257G File # 89-0106

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
58139	2	139	2	10	.1	25	8	198	.68	2	5	ND	1	31	1	2	2	6	5.06	.007	2	247	.89	30	.03	2	.49	.01	.19	1
58142	1	161	2	20	.1	80	37	352	3.67	7	5	ND	1	20	1	2	2	27	2.28	.062	2	404	2.62	22	.04	3	1.65	.01	.06	1
58144	2	124	2	30	.1	29	21	406	2.68	2	5	ND	1	84	1	2	2	41	3.13	.128	2	180	2.75	34	.07	2	2.05	.01	.08	1
58150	3	221	2	62	.1	14	26	526	3.67	7	5	ND	1	35	1	2	2	76	1.47	.285	2	79	2.71	54	.12	2	2.20	.03	1.63	1
58153	4	272	2	21	.1	8	15	227	1.33	4	5	ND	1	66	1	2	2	39	.93	.117	2	76	1.39	143	.10	2	1.18	.04	.76	1
58154	3	146	2	14	.1	20	11	174	1.27	2	5	ND	1	59	1	2	2	27	1.39	.096	2	144	1.14	299	.08	2	.90	.03	.53	1
58155	4	194	2	35	.1	18	28	282	2.79	2	5	ND	1	135	1	2	2	50	1.60	.186	2	101	1.99	64	.14	2	1.68	.02	.79	1
58156	4	276	2	47	.1	9	29	363	3.37	4	5	ND	1	136	1	2	2	66	1.57	.247	2	63	2.38	84	.15	3	2.08	.02	1.29	1



QUESNEL LAKE
HORSEFLY LAKE
HORSEFLY RIVER
MACKAY RIVER
CROOKED LAKE
FRASERGOLD CK.
TO HORSEFLY
CLAIM OUTLINE
CAMP
CAPUT Mtn.
Mt. PERSEUS
EUREKA Pk.
PERSEUS ANTICLINE
EUREKA SYNCLINE
APgn
HPsm
Raf
PPab
TRJa
JKg
uTRa1
uTRa2
uTRa3
Q
Rv
Tv
ub
RJa
En
52° 15'
120° 30'
LEGEND
ANTICLINE ; UPRIGHT , OVERTURNED
SYNCLINE ; UPRIGHT , OVERTURNED
FRACTURE
GEOLOGICAL CONTACT ; DEFINED , INFERRED
KNOWN MINERAL OCCURRENCE
ROCK UNITS
RECENT
Q — ALLUVIUM
Rv — OLIVINE BASALT FLOW
TERTIARY
Tv — OLIVINE BASALT
JURASSIC AND CRETACEOUS
JKg — GRANODIORITE , MONZONITE , QUARTZ DIORITE
TRIASSIC AND JURASSIC
TRJa — BASALTIC TUFF AND BRECCIA
UPPER TRIASSIC
uTRa1 — PHYLLITE , ARGILLITE , QUARTZITE , SCHIST , MINOR GREENSTONE
uTRa2 — GREENSTONE , AUGITE , PORPHYRY BRECCIA , TUFF
uTRa3 — UNDIVIDED uTRa1 AND uTRa2
PENNSYLVANIAN (?) AND PERMIAN (?)
PPab — ANTLER FORMATION - AMPHIBOLITE , HORNBLENDE - CHLORITE SCHIST
ub — SERPENTINE
PALEOZOIC
HPsm — SNOWSHOE FORMATION - PHYLLITE , SCHIST AND GNEISS
ARCHEAN
APgn — QUESNEL LAKE GNEISS
GEOLOGICAL BRANCH ASSESSMENT REPORT
18,610
1 .5 0 1 2 3 4 Km
1257 GEOLOGICAL LTD.
SIRIUS RESOURCE CORPORATION
ASHTON COPPER-GOLD PROJECT
REGIONAL GEOLOGY
GEOLOGIST M. BLOODGOOD
DRAWN E.B. CATAPIA
CHECKED J.M. ASHTON
SCALE 1 : 50,000
DATE MARCH 1989
FIGURE 4


N
MACKAY RIVER
IMPERIAL CREEK
1
2
2
2
3
3
3
4
5b
5b
EN109
EN125
EN106
EN107
EN28
EN29
EN104
EN105
EN6
EN5
EN4
EN3
EN2
EN1
EM1
NS2
NS1
EN14
CS55
CS56
SEP-88-08
SEP-88-07
ADIT
EUREKA PEAK
2388 m
LEGEND:
5 5a Granodiorite, quartz - monzonite.
5b Diorite, augite-porphyry, minor gabbro, amphibolite
4 Sedimentary rocks: siliceous siltstone, quartzite, phyllite, minor mafic volcanics.
3 Mafic volcanic rocks: massive flow, augite-porphyry, augite-porphyry breccia, tuff.
2 Ultramafic intrusive rocks: amphibolite, peridotite.
1 Black phyllite
100 0 100 200 300 400 500 m
1257 GEOLOGICAL LTD.
SIRIUS RESOURCE CORPORATION
ASHTON COPPER-GOLD PROJECT
PLAN MAP OF DRILL HOLE LOCATIONS
GEOLOGIST: L. ROWAN
DRAWN: E.B.CATAPIA
CHECKED:
SCALE: 1 : 5,000
DATE: MARCH 1989
FIGURE 5



1257 GEOLOGICAL LTD.

SIRIUS RESOURCE CORPORATION

ASHTON COPPER-GOLD PROJECT

DRILL HOLE SECTION
SEP-88-08

LOGGED BY	L.ROWAN/M.MORISSON	SCALE	1 : 250
DRAWN BY	E.B.CATAPIA	DATE	MARCH 1989
CHECKED BY		FIGURE 6	