

LOG NO:	0321	RD
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PROSPECTING REPORT

on the

LARK PROPERTY

Liard Mining Division  
British Columbia

North Lat. 57°14' West Long. 131°19' NTS 104G/3W

FILMED

Prepared for

JOSEPH TARNOWSKI  
907 - 510 Burrard Street  
Vancouver, B.C.  
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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

19,811

March 5, 1990

Paul P.L. Chung, F.G.A.C.  
Consulting Geologist

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## INTRODUCTION

Mr. Joseph Tarnowski of Vancouver owns the the LARK property which is comprised of 4 mineral claims situated in the Liard Mining Division, northwestern British Columbia. This report, prepared at the request of Mr. Tarnowski describes the economic potential of the property.

## SUMMARY

The LARK property is comprised of 4 M.G.S. mineral claims that together total 44 units in the Liard Mining Division. The claims cover a northerly glacial drainage into the Scud River, approximately 80 kilometres south of Telegraph Creek in northwestern British Columbia. The geographic coordinates of the property are 57°14' N Latitude by 131°20' W Longitude.

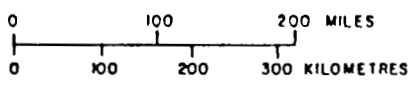
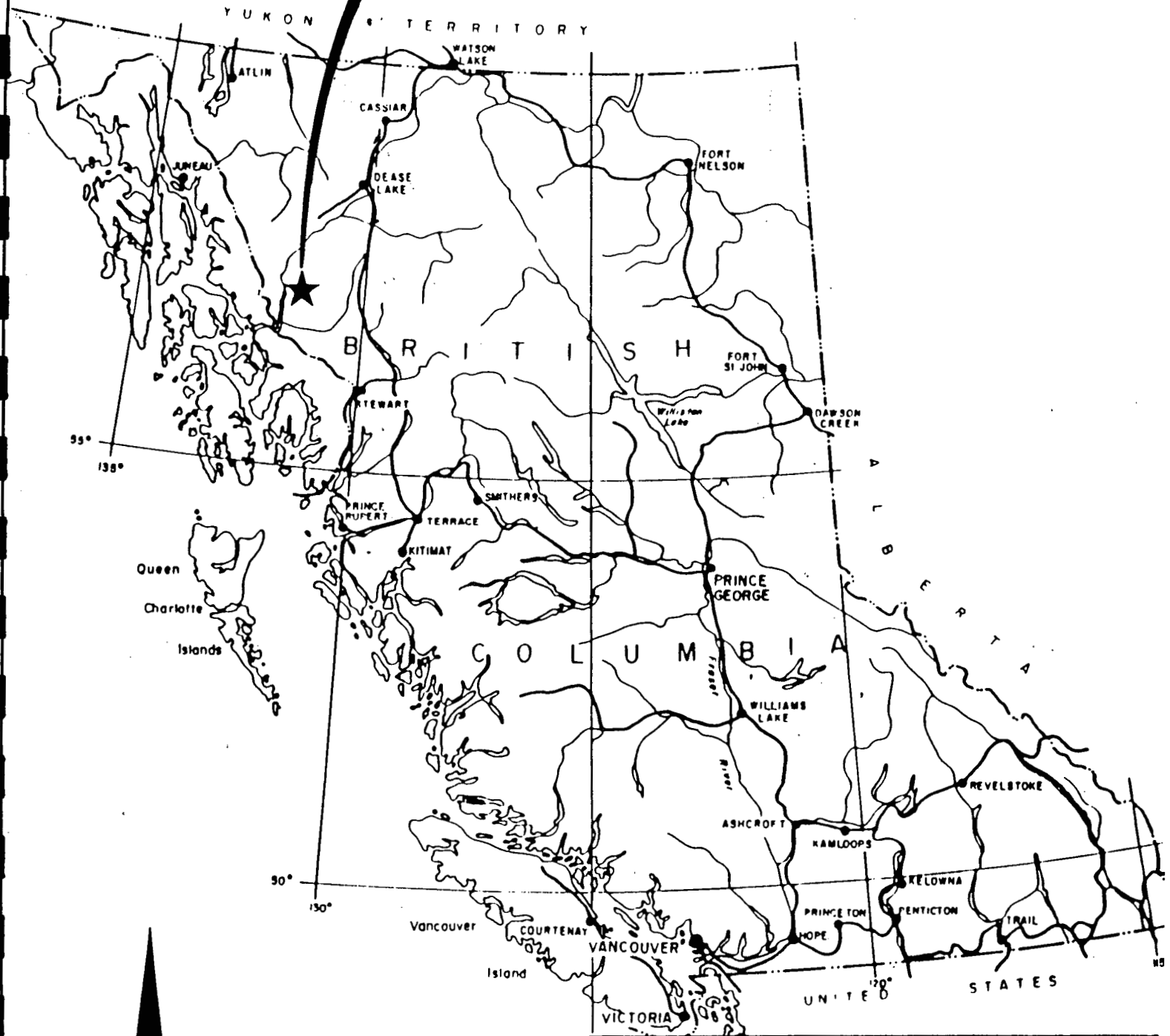
Access to the property is provided by helicopter from the Scud River airstrip, approximately thirty kilometres to the west, or from the Bronson Creek airstrip, some 65 kilometres to the southeast.

There is no reported recent exploration of the property. However, an extensive exploration program has been conducted on the adjoining Trophy property in the past two years and the whole Galore Creek Camp has experienced an increase in precious metal exploration recently.

A preliminary prospecting program was conducted on the property during October, 1989. During this program, 9 rock samples and 2 stream sediment samples were collected and analyzed.

A more detail prospecting and sampling program is recommended as the next stage of exploration.

PROPERTY  
LOCATION



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LARK PROPERTY  
LOCATION MAP

LIARD MINING DIVISION

---

COAST MOUNTAIN GEOLOGICAL LTD.

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DRAWN BY:    NTS:    DATE:    FIGURE:

#### LOCATION, ACCESS AND PHYSIOGRAPHY

The LARK claim group is located within the Coast Range Mountains approximately 180 kilometres northwest of Stewart and 80 kilometres south of Telegraph Creek in northwestern British Columbia (Figure 1). The claims lie within the Liard Mining Division and the geographical coordinates for the centre of the property is 57°14' North Latitude and 131°20' West Longitude.

Access to the property is provided by helicopter from the Scud River airstrip which is located approximately thirty kilometres to the west, or from the Bronson Creek airstrip which is located approximately 65 kilometres to the southeast. Fix-wing aircraft fly charters from Smithers, Dease Lake and Telegraph Creek to the Scud River airstrip and scheduled flights from Smithers to the Scud River airstrip via the Bronson creek airstrip during the field season. On the Alaska side of the border, Wrangell lies approximately 90 kilometres to the southwest, and provides a full range of services and supplies, including a major commercial airport. The Stikine River has been navigated by 100-ton barges up river as far as Telegraph Creek, allowing economical transportation of heavy machinery and fuel to the Scud River airstrip. During the 1989 field season, a helicopter was stationed at the Galore Creek camp approximately sixteen kilometres southwest of the property.

The LARK claims cover a northerly glacial drainage into the Scud River. Topography is steep and rugged with elevations ranging from 300 metres to 2000 metres above sea level. Tree line is at approximately 1200 metres. The majority of the property is covered by dense alder and devil's club.

## PROPERTY AND OWNERSHIP

The LARK property is comprised of 4 M.G.S. mineral claims that together total 44 units. The claims are situated in the Liard Mining Division, British Columbia. The configuration of the claims are shown on Figure 2. The following table summarizes all pertinent claim data.

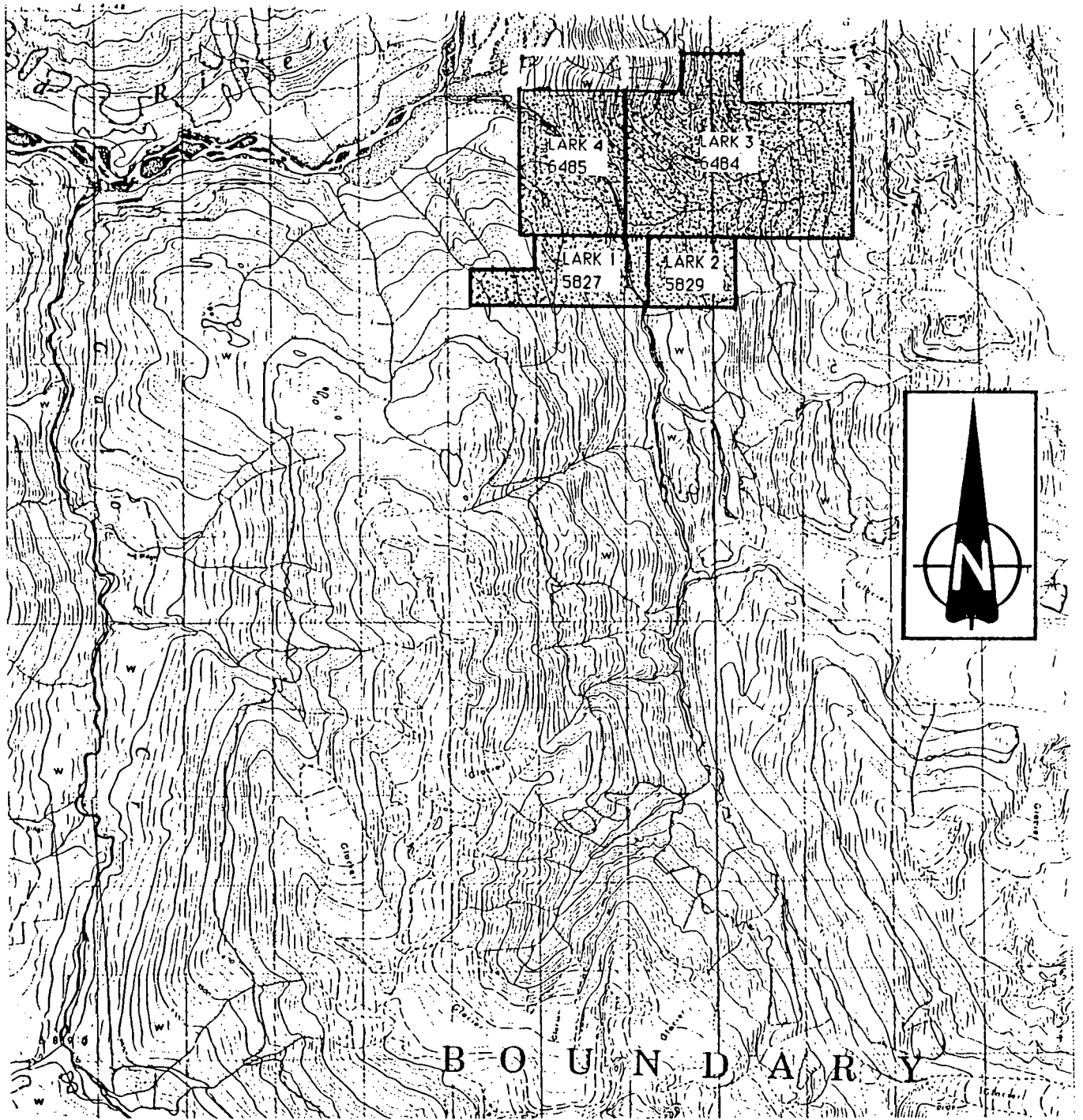
<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Record Date</u>	<u>Owner</u>
Lark 1	5827	8	Feb 19/89	J. Tarnowski
Lark 2	5828	4	Feb 19/89	J. Tarnowski
Lark 3	6484	20	Oct 6/89	J. Tarnowski
Lark 4	6485	12	Oct 6/89	J. Tarnowski

## HISTORY

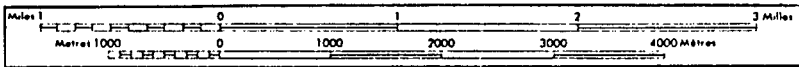
The property itself has no known exploration, but the project area first received systematic mineral exploration in the 1950's following the discovery of the Galore Creek deposit. This early exploration was initiated by Kennco Copper and their search was directed towards finding large tonnage, porphyry copper deposits similar to Galore Creek.

Between 1987 and 1988, Continental Gold Corp. completed an extensive exploration program on the Trophy project which adjoins the subject claims to the south. The program identified 23 separate gold and silver-bearing mineralized zones on the property, with assays of up to 4.30 oz/T Au and 324 oz/T Ag.

Results on the Trophy project sparked interest in the area and exploration increased dramatically in the Galore Creek area. In 1988 Bellex Gold Corp. acquired the JW property which is located 15 kilometres southwest of the LARK claims and conducted a preliminary exploration program on the claims. The program



B O U N D A R Y



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LARK PROPERTY  
CLAIM MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: B. K.	NTS: 104G/3V	DATE: JANUARY, 1990	FIGURE: 2
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identified numerous gold-bearing veins in shear zones with assays up to 4.38 oz/T Au and a large copper-gold porphyry target on the property.

## REGIONAL GEOLOGY

The Galore Creek area lies on the western margin of the Intermontane Belt within the Stikine Arch near its contact with the Coast Plutonic Complex (Figure 3). A sequence of Paleozoic to middle Triassic oceanic sediments is unconformably overlain by Upper Triassic Hazelton Group island arc volcanics and sediments. These have been intruded by Upper Triassic to Lower Jurassic syenitic stocks and by Jurassic to Lower Cretaceous quartz diorite and granodiorite plutons of the Coast Plutonic Complex.

The oldest rock assemblage in the Galore Creek area consists of Permian bioclastic limestone (Unit 3) overlying metamorphosed sediments and volcanics (Unit 2) and crinoidal limestone (Unit 1).

Unconformably overlying the Permian limestone unit are Upper Triassic Hazelton Group island arc volcanics and sediments (Units 5 through 8). In the Galore Creek area, Souther (1971) grouped these volcanic and sedimentary members in Unit 9, noting however that it was composed predominantly of augite andesite breccia, conglomerate and volcanic sandstone. The Paydirt gold deposit, located 22 kilometres south of the LARK property, contains 185,000 tonnes of drill-indicated reserves grading 4.11 grams gold per tonne, is hosted within silicified, sericitized and pyritized Upper Triassic andesitic tuffs (Holtby, 1985). This Upper Triassic volcano-sedimentary package is also correlative with that which hosts the SNIP and Stonehouse gold deposits of the Iskut River district approximately 65 kilometres to the south.



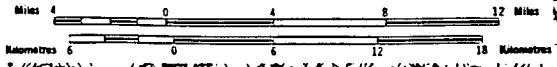
LEGEND

- QUATERNARY**
- PLEISTOCENE AND RECENT**
- 28 Fluvialite gravel; sand, silt, glacial outwash, till, upper terrace and colluvium
  - 29 Non-spring deposit, silt, argillite
  - 37 Clastic fill, related pyroclastic tuffs and loess layers; younger than some of 31
- QUATERNARY**
- UPPER TERTIARY AND PLEISTOCENE**
- 26 Pyroclastic and detrital (loam, lava domes, pyroclastic rocks and related sub-volcanic intrusions; many local)
  - 31 Basalt, andesite basalt, diorite related pyroclastic tuffs and andesite breccias; some (pyroclastic) to pure younger than some of 26
- CRETACEOUS AND TERTIARY**
- UPPER CRETACEOUS AND LOWER TERTIARY**
- ELGOD GROUP**
- 24 Light grey, purple and white siltstone, tuffaceous and detrital flows, pyroclastic tuffs and detrital sandstone
  - 25 21. Middle to fine-grained, subarkose siltstone, sand and silt  
22. Porphyritic mafic sandstone, lava domes, flows and (?) silt
- SANTU GROUP**
- 31 Chert-nodule conglomerate, granitic-sandstone conglomerate, chertstone sandstone, brown, silty, calcareous, carbonaceous shale and minor coal
  - 20 Felsite, quartz-rich porphyry, pyroclastic tuff, andesite, andesite, in part equivalent to 31
  - 30 Medium-to coarse-grained, pink to light-brownish quartz sandstone
- JURASSIC AND/OR CRETACEOUS**
- POST-UPPER TRIASSIC PRE-TERTIARY**
- 30 Quartzite, shale
  - 17 Crinoidal, quartz, shale, minor detrital, conglomerate and argillite
- JURASSIC**
- MIDDLE (1) AND UPPER JURASSIC**
- BOWLER GROUP**
- 16 Chert-nodule conglomerate, gneiss, gneiss, conglomerate, silty shale and sand; may include some 11
- MIDDLE JURASSIC**
- 18 Basalt, yellow to red, andesite, detrital sandstone, tuffaceous and related sub-volcanic intrusions
- LOWER AND MIDDLE JURASSIC**
- 14 Basalt, minor silty shale, silty shale and calcareous silty shale, gneiss and argillite
- LOWER JURASSIC**
- 12 Conglomerate, porphyritic conglomerate, granitic-sandstone conglomerate, gneiss, gneiss, silty shale, andesite and andesite tuffaceous rocks, porphyry, silty shale and detrital sandstone tuff
- TRIASSIC AND JURASSIC**
- POST-UPPER TRIASSIC PRE-LOWER JURASSIC**
- 13 Siltstone, argillite, porphyry, sandstone, gneiss
- RICKMAN BATHOLITH**
- 10 Hornblende granodiorite, minor hornblende-quartz diorite 11, hornblende, quartz diorite, hornblende-gneiss, quartzite, amphibolite and pyroxene-bearing amphibolite
- TRIASSIC**
- UPPER TRIASSIC**
- 9 Unmetamorphosed volcanic and sedimentary rocks (less than 5 to 6 inches)
  - 8 Angular to sub-angular, pyroclastic tuffs, andesite, andesite tuffaceous rocks and related sandstone intrusions; minor gneiss, silty shale and porphyritic conglomerate
  - 7 Silty shale, andesite, andesite tuffaceous rocks, andesite, andesite tuffaceous rocks, and minor limestone
  - 6 Limestone, and argillite, limestone, calcareous shale and red sandstone; may be in part younger than some of 1 and 5
  - 5 Gneiss, silty shale, minor conglomerate, tuff and volcanic sandstone
- MIDDLE TRIASSIC**
- 4 Shale, conglomerate (dark shale), minor calcareous shale and silty shale
- PERMAN**
- MIDDLE AND UPPER PERMAN**
- 3 Limestone, black to dark grey, blackish limestone; minor silty shale, sand and tuff
- PERMAN AND OLDER**
- 2 Phyllite, argillite, quartzite, quartz-siltstone, andesite, andesite tuff, gneiss, minor tuff, andesite tuff and limestone
- PROTEROZOIC**
- PROTEROZOIC**
- 1 Limestone, argillite, sandstone, conglomerate, sandstone, quartzite, and phyllite
  - 8 Amphibolite, amphibolite gneiss, age unknown, probably post-Upper Jurassic
  - 9 Amphibolite, quartzite, gneiss, andesite, andesite tuff, and limestone, probably pre-Upper Jurassic

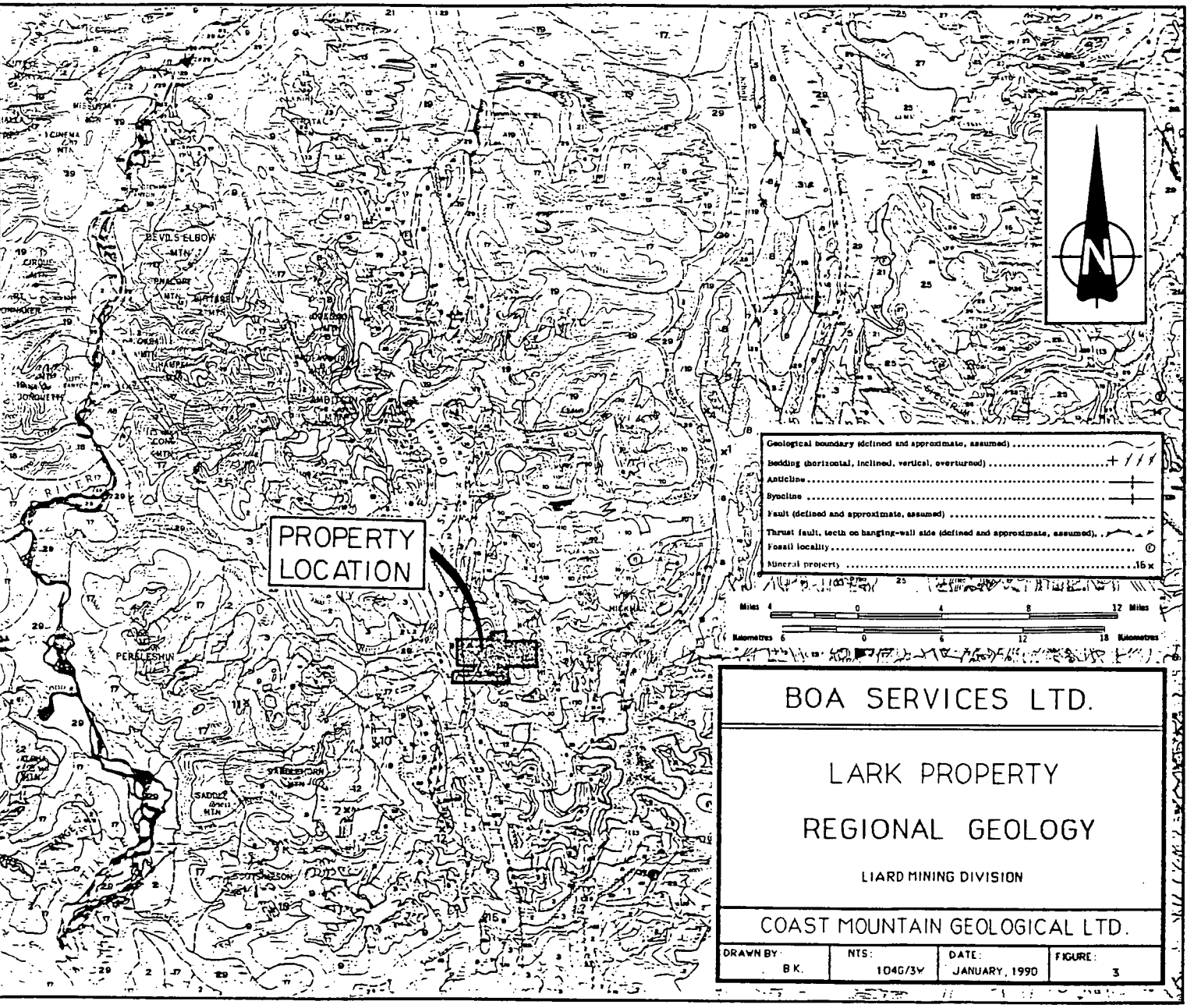


PROPERTY LOCATION

Geological boundary (defined and approximate, assumed)	.....
bedding (horizontal, inclined, vertical, overturned)	+ / / /
Anticline	.....
Syncline	.....
Fault (defined and approximate, assumed)	.....
Thrust fault, tectonics hanging-wall side (defined and approximate, assumed)	.....
Fossil locality	.....
Mineral property	.....



<b>BOA SERVICES LTD.</b>			
<b>LARK PROPERTY</b>			
<b>REGIONAL GEOLOGY</b>			
<b>LIARD MINING DIVISION</b>			
<b>COAST MOUNTAIN GEOLOGICAL LTD.</b>			
<b>DRAWN BY:</b> B.K.	<b>NTS:</b> 104G/3V	<b>DATE:</b> JANUARY, 1990	<b>FIGURE:</b> 3



Subvolcanic syenite and orthoclase porphyry stocks (Unit 12), dated as Late Triassic to Early Jurassic by Souther (1971), intrude all older stratified rocks. The Galore Creek copper-gold porphyry deposit, whose Central Zone hosts reserves of 125 million tonnes grading 1.06% copper and 400 ppb gold (Allen et. al, 1976), is hosted by Upper Triassic volcanics intruded by syenitic stocks. Orthoclase porphyry or syenite stocks are associated with most significant precious metals deposits in the Stewart, Sulphurets and Iskut River districts, including the Silbak Premier, Sulphurets, and Snip deposits.

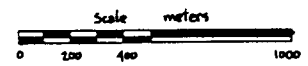
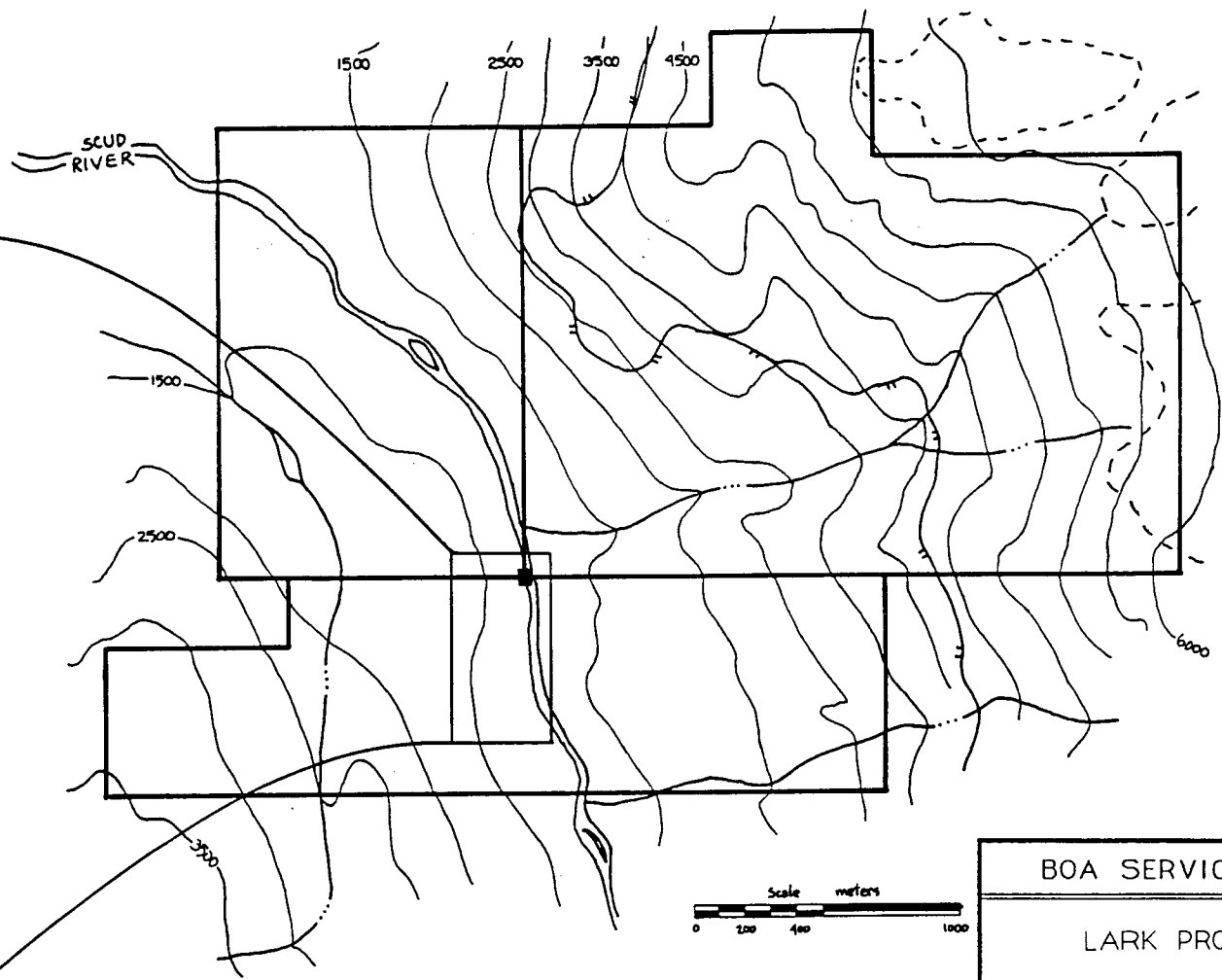
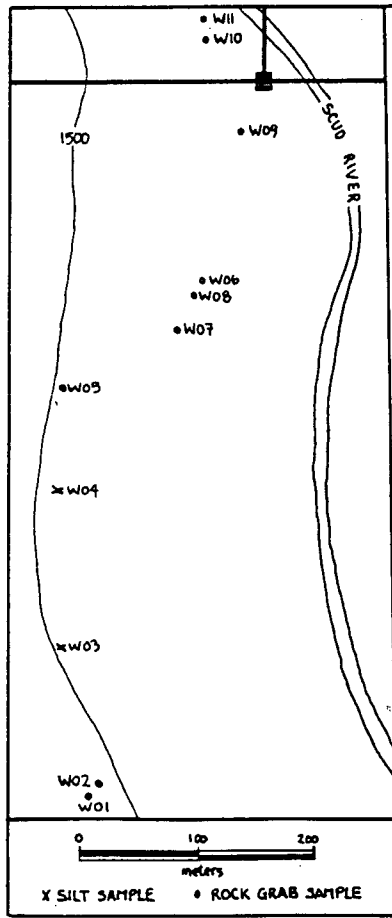
Jurassic and Cretaceous granodiorite to quartz diorite batholiths (Unit 17) of the Coast Plutonic Complex intrude all older lithologies.

#### 1989 WORK PROGRAM

During October 1989, Coast Mountain Geological conducted a preliminary prospecting program on the property on behalf of J. Tarnowski, the owner of the claims. During the program, a total of 2 stream sediment samples and 9 rock samples were taken (Figure 4).

The stream sediment samples were taken from the active parts of major drainages. The samples were sent to Acme Laboratories in Vancouver where they were dried, sieved to minus 80 mesh and analyzed for 32 elements by ICP and gold by AA. One stream sediment sample (LK-W-03) returned anomalous values for lead, zinc, silver and gold. The Certificate of Analysis accompanies this report as Appendix I.

The rock samples were sent to Acme Laboratories in Vancouver where they were pulverized and screened. The minus 100 mesh portions were then analyzed for 32 elements by ICP and gold by AA. All 9 rocks collected were samples of either argillite or



LEGEND	
	Creek.
	Elevation
	L.C.P.
	Icefield
	Treeline.

BOA SERVICES LTD.			
LARK PROPERTY			
SAMPLE LOCATION MAP			
LIARD MINING DIVISION			
COAST MOUNTAIN GEOLOGICAL LTD.			
DRAWN BY:	NTS	DATE	FIGURE:
BK	104G/3V	JANUARY, 1990	4

felsic dyke material. During the preliminary prospecting, no intrusive rocks was encountered, though from past history they are known to exist on the property. Over the area traversed, the prominent rock type is a fine grained argillite. It has been folded and slightly schistosed. Carbonate veining with minor quartz occurs throughout the argillite. Mineralization consists of disseminated pyrite but in small quantities (<1%). Small felsic dykes are present which have been chloritized and contain disseminated pyrite (up to 1%). Four of the rock samples returned elevated zinc values. This type of mineralization is consistent with the rock type that was analyzed. The Certificate of Analysis and the rock sample descriptions accompanies this report as Appendix I and II respectively.

#### DISCUSSIONS

The Galore Creek camp has gained prominence recently with the discovery of precious metal mineralization on the adjoining Trophy Project and more recently the very encouraging results (assays up to 4.38 oz/ton gold) on the Jack Wilson property belonging to Bellex Gold Corp. The mineralization in these properties are generally associated with syenite stocks which have intruded an volcanic or sedimentary sequence.

The LARK property is situated in a favourable location being adjacent to Continent Gold's Trophy property. Although the recent work program did not identify any significant mineralization, the program was very limited due to time and budget constraints, and thus only provided a cursory look at the property. In order to fully assess the property, a more thorough program would have to be conducted.

RECOMMENDATIONS

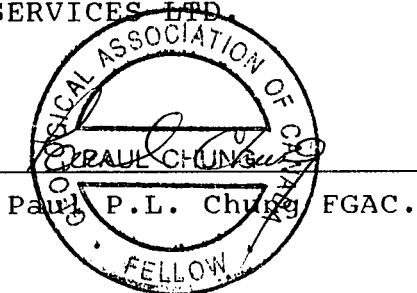
After reviewing the data, the following program is recommended for further exploration of the property:

- (1) mapping and prospecting over the property.
- (2) reconnaissance geochemical soil survey lines should be run over the property.

STATEMENT OF COSTS

Mob and Demob	\$500.00
Prospector: 1 day @200/day	200.00
Camp costs	130.00
Commsumables	15.00
Equipment	15.00
Project prep	50.00
Assays:	
Rocks: 9 @ \$13.75 each	123.75
Silts: 2 @ \$11.60 each	23.20
Helicopter: 0.2 hours @ \$767.80/hour	153.56
Report	550.00
	-----
TOTAL COST OF PROGRAM	\$1760.51
	=====

Respectfully submitted  
BOA SERVICES LTD.



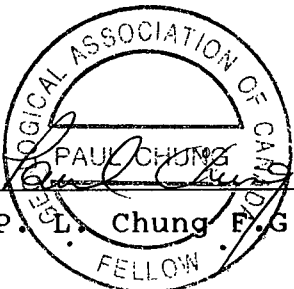
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- Holtby, M.H. 1985: A Geological, Soil Geochemical, Trenching and Diamond Drilling Programme on the Paydirt Claim Group; British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report #14,980.
- Souther, J.D. 1971: Telegraph Creek Map Area, British Columbia; Geological Survey of Canada Paper 71-44.

STATEMENT OF QUALIFICATIONS

I, Paul P.L. Chung, of the City of Richmond, Province of British Columbia, DO HEREBY CERTIFY THAT:

- (1) I am a Consulting Geologist with business address office at Suite 840 - 650 West Georgia Street, Vancouver, British Columbia, V6B 4N8; and President of Boa Services Ltd.
- (2) I am a graduate in geology with a Bachelor of Science degree from the University of British Columbia, in 1981.
- (3) I have practised my profession continuously since graduation.
- (4) I am a Fellow of the Geological Association of Canada.
- (5) I have conducted various mineral exploration programmes in B.C., Yukon, Manitoba, Ontario, Quebec, Nova Scotia, and Nevada.
- (6) This report is based on information supplied to me by Coast Mountain Geological and on selected publications and reports.

  
Paul P. L. Chung F.G.A.C.  
FELLOW

Dated at Vancouver, British Columbia, this 5th day of March, 1990.

APPENDIX I

CERTIFICATE OF ANALYSIS - ROCKS, SILTS



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	Au* PPB
LKW-01	1	26	2	84	.1	8	12	205	4.80	2	5	ND	1	170	1	2	2	59	3.45	.109	4	14	2.09	151	.01	5	1.94	.01	.09	1	4
LKW-02	1	18	7	70	.3	10	11	182	4.86	3	5	ND	1	113	1	2	2	74	2.55	.040	3	25	2.13	57	.01	3	1.93	.01	.03	1	2
LKW-05	2	23	18	103	.7	60	8	154	4.07	13	5	ND	1	14	1	2	2	25	.14	.013	3	26	.69	39	.01	4	1.41	.01	.07	1	1
LKW-06	1	31	7	130	.3	27	19	908	6.12	53	5	ND	1	107	1	2	2	86	3.28	.176	21	35	2.53	20	.02	2	1.88	.03	.12	1	2
LKW-07	1	6	2	43	.4	12	3	4052	2.33	5	5	ND	1	1029	1	2	2	16	23.92	.271	17	10	.58	21	.01	6	.50	.01	.02	1	2
LKW-08	1	31	5	86	.4	31	18	716	5.35	32	5	ND	1	85	1	3	2	76	3.65	.171	22	45	2.38	43	.03	13	1.79	.04	.12	1	1
LKW-09	1	33	6	117	.1	21	15	773	5.38	3	5	ND	2	121	1	2	3	74	4.28	.103	15	38	2.04	98	.01	2	2.30	.02	.06	1	1
LKW-10	1	9	5	45	.1	13	8	404	2.28	2	5	ND	4	59	1	2	2	22	2.35	.069	18	18	.76	368	.01	2	.65	.02	.11	1	2
LKW-11	2	18	16	106	.6	61	6	469	3.47	8	5	ND	1	17	1	2	2	20	.18	.013	6	23	.80	35	.01	9	1.49	.01	.06	1	2
PHCB-01	1	205	2	16	.2	44	31	407	3.42	49	5	ND	1	44	1	2	2	25	.80	.018	2	61	.41	76	.01	2	.45	.01	.04	1	4
PHCB-02	3	472	12	67	.2	63	29	499	6.20	2	5	ND	1	23	1	2	2	131	.73	.093	2	84	2.20	92	.25	3	3.01	.06	1.49	1	1
PHCB-03	1	149	2	35	.2	22	20	403	4.93	3	5	ND	1	49	1	2	2	83	1.38	.270	10	63	1.01	45	.18	9	1.12	.04	.59	1	1
PHCB-04	4	150	6	57	.3	11	13	455	5.90	2	5	ND	1	33	1	2	2	240	1.55	.166	5	23	.94	151	.21	12	1.72	.11	.33	1	2
PHCB-05	7	141	2	25	.1	10	17	329	3.91	3	5	ND	1	44	1	2	2	42	1.09	.076	4	27	.54	13	.15	4	1.04	.03	.05	1	1
PHCB-06	1	31	3	13	.1	4	1	192	1.72	2	5	ND	1	42	1	2	2	46	.61	.045	2	11	.27	29	.11	3	.87	.07	.19	1	2
PHCB-07	1	92	2	5	.2	4	5	68	1.35	2	5	ND	1	12	1	2	2	18	.33	.039	2	20	.09	12	.07	2	.14	.03	.02	2	1
PHCB-08	1	395	2	48	.3	23	24	349	4.87	2	5	ND	1	26	1	2	2	93	.65	.078	2	23	.82	32	.22	11	1.10	.04	.68	2	1
PHCB-09	1	255	2	17	.4	10	13	147	3.36	2	5	ND	2	34	1	2	2	39	.39	.046	3	24	.27	21	.10	5	.49	.04	.10	1	3
PHCB-10	1	616	2	36	.5	15	16	526	4.55	2	5	ND	1	44	1	2	2	114	12.58	.124	2	26	1.56	5	.04	2	1.73	.02	.01	1	7
PHCB-11	1	268	2	35	.2	24	24	241	3.67	2	5	ND	1	64	1	2	2	88	1.68	.166	3	29	.94	124	.20	2	2.16	.13	.35	2	1
PHCB-12	1	68	5	62	.2	20	27	1510	5.90	23	5	ND	1	342	1	2	2	75	10.08	.149	3	48	2.60	12	.06	3	2.56	.05	.02	1	1
PHCB-13	1	188	2	17	.3	19	13	250	3.45	4	5	ND	1	43	1	2	2	46	1.68	.195	3	23	.46	32	.10	2	.54	.03	.19	1	1
PHCB-14	2	119	5	27	.4	20	18	187	3.62	5	5	ND	1	48	1	2	2	36	.99	.109	3	19	.67	49	.10	2	1.13	.06	.44	1	1
PHCB-15	1	60	5	10	.2	79	12	421	1.09	2	5	ND	1	91	1	2	2	25	3.47	.010	2	100	.49	89	.05	9	.79	.03	.17	1	3
PHCB-16	1	24	8	55	.2	72	92	476	6.81	8	5	ND	1	47	1	2	2	107	1.88	.287	2	89	1.88	45	.19	7	1.94	.05	.22	1	1
PHCB-17	1	15	4	60	.3	36	21	410	3.84	2	5	ND	1	62	1	2	2	92	1.61	.269	2	64	1.43	573	.14	2	1.78	.03	.98	1	1
PHCB-18	2	680	2	11	.3	11	3	222	.71	2	5	ND	1	26	1	2	2	14	1.92	.015	2	13	.26	23	.02	3	.25	.01	.04	1	1
PHCB-19	11	97	7	6	.1	14	8	163	2.55	8	5	ND	1	46	1	2	2	24	.38	.009	2	7	.12	22	.03	2	.43	.01	.03	1	3
PHF-01	3	83	7	64	.2	9	5	455	3.06	2	5	ND	2	92	1	2	2	85	.28	.010	2	20	1.92	731	.13	2	2.26	.05	1.21	3	1
PHF-02	1	182	6	24	.2	77	36	299	3.68	2	5	ND	1	74	1	2	2	40	1.01	.075	2	115	.99	69	.08	16	1.22	.07	.39	1	1
PHF-03	1	111	7	28	.2	18	14	339	2.88	2	5	ND	1	56	1	2	2	102	1.07	.171	4	29	.72	150	.11	13	1.05	.05	.51	1	1
PHF-04	1	57	10	13	.1	8	7	181	2.25	2	5	ND	1	83	1	2	2	73	.74	.142	6	10	.24	86	.07	2	.53	.03	.09	1	1
PHF-05	1	46	2	8	.1	6	4	105	1.76	2	5	ND	2	72	1	2	2	44	.44	.098	6	6	.12	84	.06	2	.30	.03	.07	1	1
PHF-07	1	122	2	21	.1	45	15	191	2.51	3	5	ND	1	71	1	2	2	58	.70	.127	2	68	.87	216	.09	2	1.03	.03	.59	1	1
PHF-08	1	8	9	7	.1	4	1	127	1.53	2	5	ND	1	42	1	2	2	133	.59	.030	4	4	.01	55	.07	2	.14	.02	.08	1	1
PHF-09	49	97	8	11	.1	150	13	106	1.78	2	5	ND	1	65	1	2	2	26	.89	.055	3	34	.55	207	.03	2	1.46	.02	.11	1	1
STD C/AU-R	18	61	40	134	7.1	69	31	1026	4.15	42	21	7	37	47	19	15	19	59	.48	.096	38	56	.91	177	.06	35	1.97	.06	.13	13	520

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	Au PPM
ANK-SS-01	1	155	7	92	.2	8	18	693	3.89	2	5	ND	1	95	1	2	2	98	.70	.120	7	8	1.67	56	.13	2	2.22	.03	.28	1	4
BCK-SS-01	1	19	5	42	.3	9	7	388	2.04	2	5	ND	7	43	1	2	2	31	.55	.065	21	11	.54	108	.11	5	.94	.03	.17	1	1
BCK-SS-02	1	48	6	109	.7	21	19	571	4.77	7	5	ND	2	118	1	2	2	92	2.24	.587	21	29	1.52	205	.15	2	2.51	.04	.40	1	2
BCK-SS-03	1	45	2	97	.3	20	17	522	4.58	2	5	ND	1	117	1	2	2	90	2.23	.586	21	31	1.48	190	.15	6	2.44	.04	.36	1	42
BCK-SS-04	1	17	2	40	.4	8	6	354	1.92	2	5	ND	6	39	1	2	2	28	.52	.069	19	11	.47	96	.09	7	.84	.02	.15	2	1
BCK-SS-05	1	14	4	31	.3	6	5	300	1.53	2	6	ND	6	28	1	2	2	21	.42	.059	19	7	.36	79	.07	4	.67	.02	.11	1	2
BCK-SS-06	1	15	6	38	.2	7	5	537	1.63	2	6	ND	9	21	1	2	2	23	.33	.040	17	10	.42	30	.05	8	.70	.01	.05	1	1
BCK-SS-07	1	17	8	42	.1	8	5	535	1.78	4	5	ND	11	20	1	2	2	25	.33	.042	19	11	.41	30	.05	2	.67	.01	.05	1	2
BCK-SS-08	1	16	5	38	.2	8	5	533	1.78	5	5	ND	12	20	1	2	3	25	.34	.043	21	11	.41	31	.05	2	.70	.01	.05	1	1
BCK-SS-09	1	16	5	36	.1	6	4	505	1.67	5	5	ND	11	19	1	2	2	24	.32	.037	17	10	.40	21	.05	2	.64	.01	.05	1	1
BCK-SS-10	1	18	8	43	.1	8	6	455	2.74	3	5	ND	13	30	1	2	2	38	.48	.069	26	12	.46	57	.08	10	.80	.02	.09	1	1
BCK-SS-11	1	16	3	40	.1	7	5	387	1.73	2	5	ND	6	29	1	2	2	25	.43	.059	20	9	.41	70	.07	3	.73	.02	.10	1	1
BCK-SS-12	1	18	2	35	.1	6	5	374	1.68	2	5	ND	8	27	1	2	2	24	.42	.058	21	9	.39	68	.07	2	.71	.02	.10	1	2
BCK-SS-13	1	21	5	45	.1	11	6	395	2.15	2	5	ND	8	38	1	2	2	32	.58	.081	24	12	.52	103	.10	3	.91	.03	.15	1	1
OK-F-01	1	18	18	68	.3	7	7	590	1.69	14	428	ND	7	184	1	2	2	37	1.71	.097	21	16	.58	704	.02	4	1.93	.01	.07	1	18
DKK-SS-01	10	226	14	88	.5	5	12	684	3.32	4	7	ND	14	20	1	2	2	65	.47	.063	23	8	.69	302	.03	5	.93	.01	.08	1	1
OK-S-01	4	44	19	86	18.7	12	6	604	2.62	32	204	ND	4	73	1	2	2	70	1.02	.053	29	23	.37	239	.02	5	1.67	.01	.03	1	4
JKK-SS-01	4	182	24	110	.8	20	24	1239	6.64	80	5	ND	2	197	1	2	2	184	1.25	.246	17	16	1.58	112	.09	5	1.69	.01	.38	1	9
JKK-SS-02	5	208	31	197	.4	41	27	1807	8.40	42	5	ND	1	108	1	2	2	18	.78	.166	11	17	.29	91	.01	8	.62	.01	.05	1	22
JWK-SS-01	2	290	16	185	.3	12	31	1611	6.07	11	5	ND	1	99	1	2	2	137	.95	.185	5	7	1.98	84	.11	4	2.74	.01	.24	1	19
JWS-07-S	1	124	7	76	.3	17	18	893	3.81	7	5	ND	1	100	1	2	2	93	1.14	.167	6	25	1.34	95	.07	2	1.73	.01	.14	1	4
JWS-09-S	1	128	3	81	.2	15	21	671	4.05	5	5	ND	1	95	1	2	2	82	1.04	.177	4	22	1.47	81	.08	2	1.81	.01	.18	1	5
LK-W-03	4	69	32	1219	1.0	73	16	3776	4.65	26	5	ND	1	47	3	2	2	47	1.97	.071	6	49	1.09	185	.03	6	1.20	.01	.03	1	25
LK-W-04	2	49	10	167	.5	95	12	847	3.03	16	5	ND	1	101	1	2	2	36	4.76	.059	6	41	1.14	113	.03	4	.84	.01	.03	1	2
OK-F-02	1	26	7	76	.1	22	11	403	2.89	3	5	ND	1	45	1	2	2	59	1.58	.088	8	29	.96	137	.09	2	1.55	.03	.20	1	1
OK-F-03	1	15	5	51	.1	35	7	295	1.54	2	5	ND	1	27	1	2	2	24	.50	.050	3	48	.63	51	.04	5	.81	.02	.05	1	1
OK-F-04	1	59	4	55	.2	121	17	540	3.01	7	5	ND	1	75	1	2	2	74	1.66	.085	4	218	2.26	80	.08	3	1.81	.01	.14	1	1
OK-F-08	1	39	6	99	.2	32	9	381	2.38	4	5	ND	1	40	1	2	2	49	2.11	.091	6	23	.81	89	.06	4	1.07	.02	.12	1	1
OK-F-09	1	63	7	88	.2	120	15	420	2.45	3	5	ND	1	44	1	2	2	55	2.07	.080	3	117	1.52	139	.07	2	1.54	.01	.11	1	4
OK-F-10	1	49	2	54	.2	40	11	379	2.24	5	5	ND	1	32	1	2	2	47	.91	.105	7	48	.99	105	.07	2	1.29	.02	.24	1	38
OK-F-11	1	37	8	51	.2	8	8	325	2.22	4	5	ND	2	30	1	2	2	41	.99	.140	10	11	.39	49	.05	2	.61	.01	.08	1	2
OKK-SS-01	1	24	3	66	1.3	16	7	375	2.29	5	5	ND	1	38	1	2	2	49	1.12	.077	8	20	.61	120	.06	2	1.23	.02	.09	1	1
OKK-SS-02	1	28	6	70	.5	26	11	490	2.82	5	5	ND	1	33	1	2	2	61	.87	.067	8	28	.68	127	.07	8	1.34	.02	.10	1	1
OKK-SS-03	1	35	6	60	1.3	24	10	412	2.62	4	5	ND	1	39	1	2	2	57	1.07	.087	8	28	.80	120	.07	5	1.30	.03	.16	1	1
OKK-SS-04	1	19	4	65	.1	15	6	298	1.52	5	5	ND	1	40	1	2	2	35	1.23	.060	5	21	.54	92	.05	8	.75	.01	.07	1	1
OKK-SS-05	1	15	7	52	.3	19	8	270	2.45	6	5	ND	1	34	1	2	2	58	.75	.066	7	26	.55	83	.06	5	.78	.02	.08	2	1
STD C/AU-S	18	62	39	132	6.6	68	31	1031	4.03	40	18	7	37	48	18	16	24	57	.49	.089	38	55	.89	172	.06	34	1.92	.06	.13	12	52

APPENDIX II

SAMPLE DESCRIPTIONS - ROCKS

