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GEOCHEMICAL REPORT

on the

DOK PROPERTY

Liard Mining Division
British Columbia

North Lat. 57° 29' West Long. 131° 34'
NTS 104G/5E

.Prepared for.

JOSEPH TARNOWSKI
907 - 510 Burrard Street
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,892

April 4, 1990

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

TABLE OF CONTENTS

	Page
Introduction	1
Summary	1
Location and Access and Physiography	3
Property and Ownership	4
History	6
Regional Geology	8
1989 Work Program	10
Stream Sediment Survey	10
Rock Geochemistry Survey	11
Property Geology	11
Discussion and Conclusions	13
Recommendations	13
Statement of Costs	14
Bibliography	15
Statement of Qualifications	16

Appendices

Appendix I	Certificate Analysis
Appendix II	Sample Descriptions

List of Illustrations

Figure		Page
1	Location Map - 1" = 75 miles	2
2	Claim Map - 1 : 50,000	5
3	Aeromagnetic Map	7
4	Regional Geology Map	9
5	Sample Location Map	12

INTRODUCTION

Mr. Joseph Tarnowski owns the DOK property which is comprised of 2 mineral claims situated in the Liard Mining Division, northwestern British Columbia. This report, prepared at the request of Mr. Tarnowski describes the work program conducted on the property during September of 1989.

SUMMARY

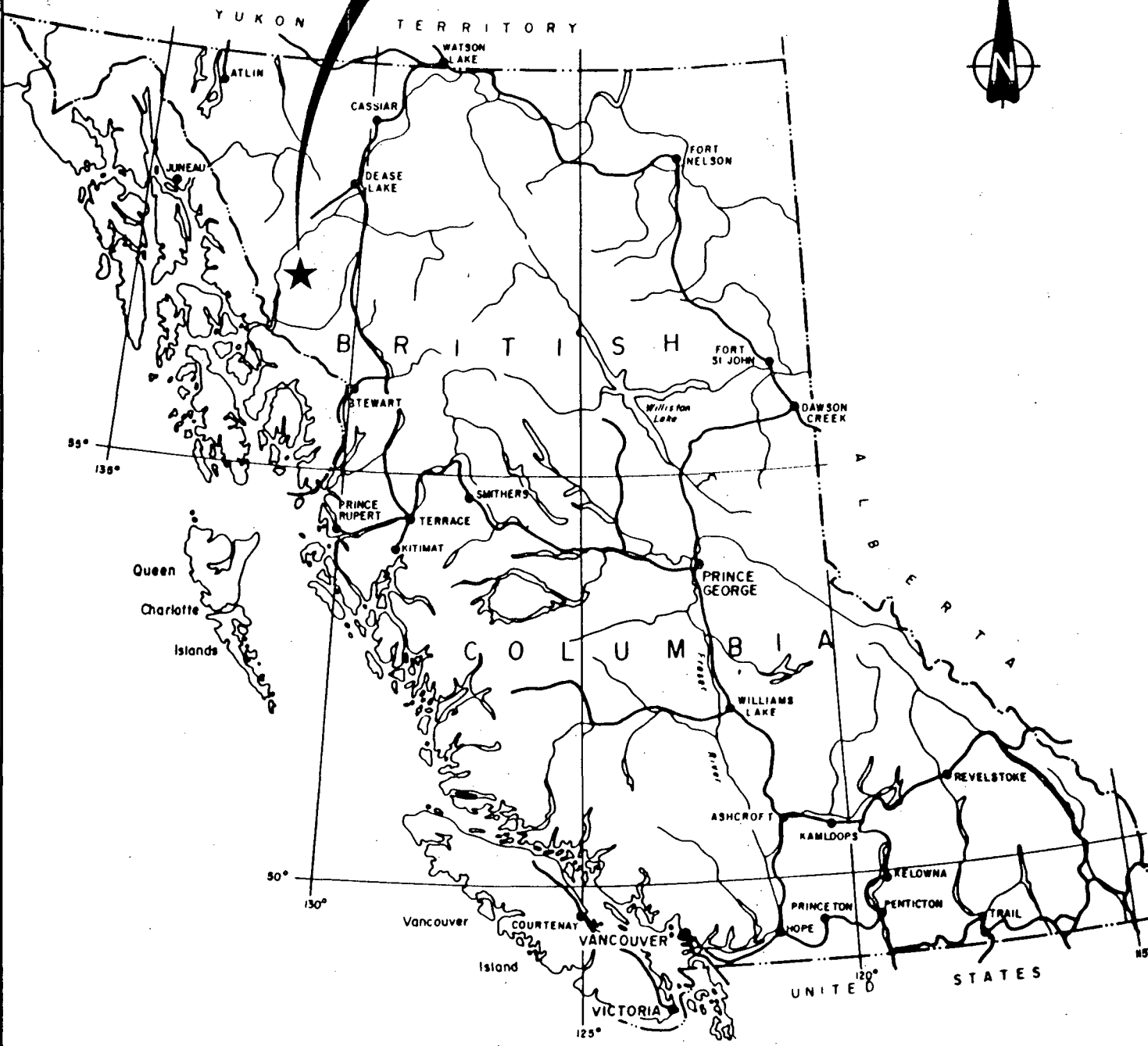
The DOK property is comprised of 2 M.G.S. mineral claims that together total 40 units in the Liard Mining Division. The claims covers part of the Dokdaon Creek drainage, approximately 53 kilometres south of Telegraph Creek in northwestern British Columbia. The geographic coordinates of the property are 57° 29' N Latitude by 131° 34' W Longitude.

Access to the property is provided by helicopter from the Scud River airstrip, approximately 26 kilometres to the southwest, or from the Bronson Creek airstrip, some 105 kilometres to the southeast.

There is no reported recent exploration of the property. However, the area immediately northeast of the claims was the focus of a geochemical, geophysical and trenching program conducted by the Swiss Aluminum Mining Co. of Canada during the early 1970's. Recently the whole Galore Creek Camp has also experienced an increase in precious metal exploration.

A preliminary prospecting program was conducted on the property during September, 1989. During this program, 2 stream sediment and 12 rock samples were collected and analyzed.

PROPERTY
LOCATION



55°
138°

50°
130°

120°

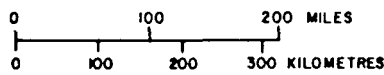
15°

DOKDAON PROPERTY

PROPERTY LOCATION MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.



DRAWN BY: B. K.	NTS. 104G/5	DATE: APRIL, 1990	FIGURE: 1
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After reviewing the results, a more detailed mapping and sampling program is recommended as the next stage of exploration.

LOCATION, ACCESS AND PHYSIOGRAPHY

The DOK property is located within the Coast Range Mountains approximately 180 kilometres northwest of Stewart and 53 kilometres southwest 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° 29' North Latitude and 131° 34' West Longitude.

Access to the property is provided by helicopter from the Scud River airstrip which is located approximately 26 kilometres to the southwest, or from the Bronson Creek airstrip which is located approximately 105 kilometres to the southeast. During the 1989 field season, a helicopter was stationed at the Galore Creek airstrip, some 41 kilometres to the southeast. Fix-wing aircraft fly charters from Smithers, Dease Lake and Telegraph Creek to the Scud River and Galore Creek airstrips. Scheduled flights from Smithers to the Galore Creek airstrip via the Bronson Creek airstrip during the field season are available. On the Alaska side of the border, Wrangell lies approximately 115 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.

The DOK claims covers part of Dokdaon Creek, on the east side of Butterfly Mountain. Topography is steep and rugged with elevations ranging from about 650 metres at Dokdaon Creek to over

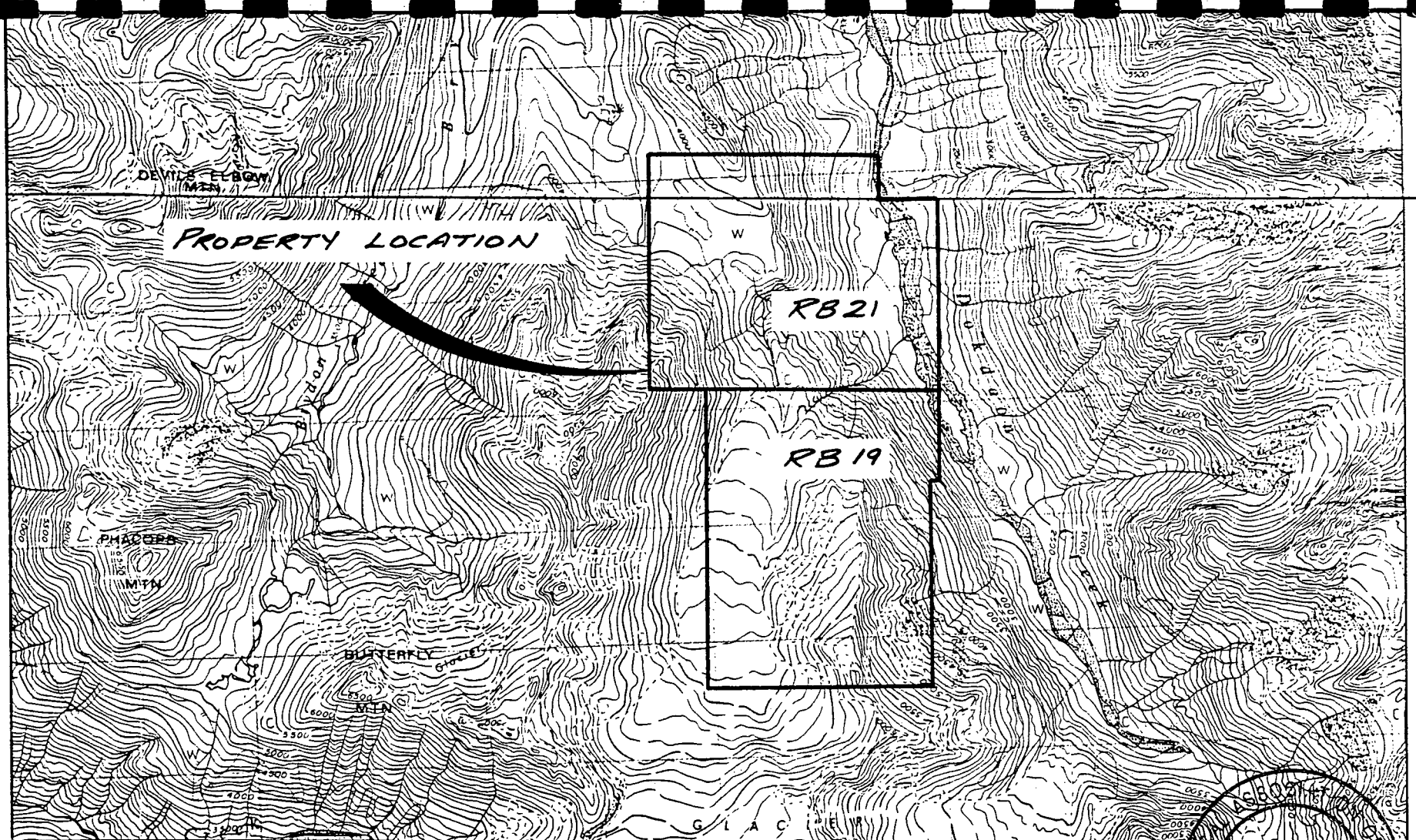
1800 metres at the southern end of RB 19. The tree line is at approximately 1100 metres. Vegetation varies considerably throughout the property. Along the creek, a few rare areas of towering cottonwoods and evergreens with little undergrowth are tucked away in an extremely dense jungle of Devil's club , huckleberry and alder. Most of the slopes are found to be well timbered with spruce, hemlock and fir with little undergrowth.

The claims are situated at the boundary between the wet belt and the gradational belt. In this area temperatures range from -30 to +30 degrees centigrade and approximately 300 centimetres of precipitation is recorded per year, mostly in the form of snow.

PROPERTY AND OWNERSHIP

The DOK property is comprised of 2 M.G.S. mineral claims that together total 40 units and covers approximately 1000 hectares. The claims are situated in the Liard Mining Division, British Columbia. The configuration of the claims are shown in Figure 2. Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the claims are owned by Mr. Joseph Tarnowski of Vancouver. The following table summarizes the pertinent claim data.

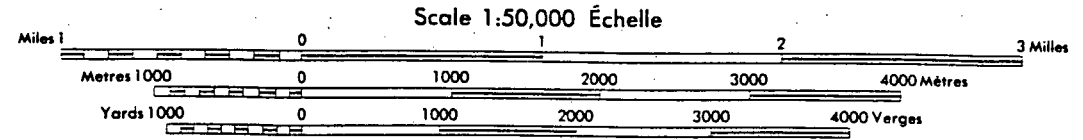
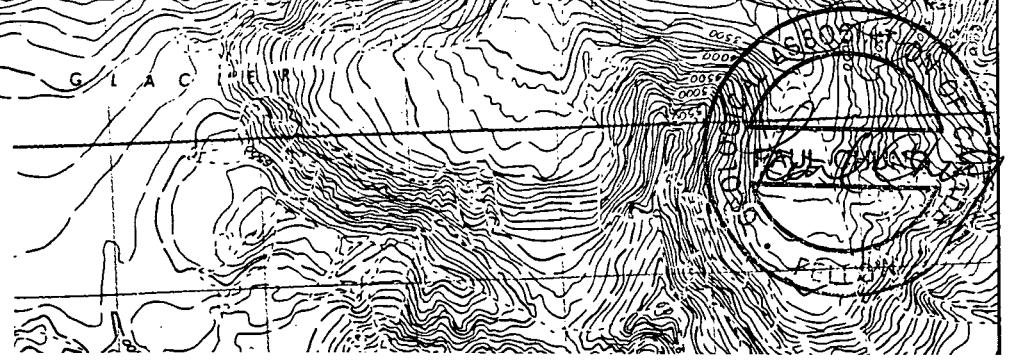
<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Record Date</u>
RB 19	5646	20	January 14/89
RB 21	5847	20	January 14/89



57°30'
 (6377000m. N)
 70
 69

DOKDAON PROPERTY
 CLAIM MAP
 LIARD MINING DIVISION
 COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: B.K.	NTS: 1040/3	DATE: APRIL, 1990	FIGURE: 2
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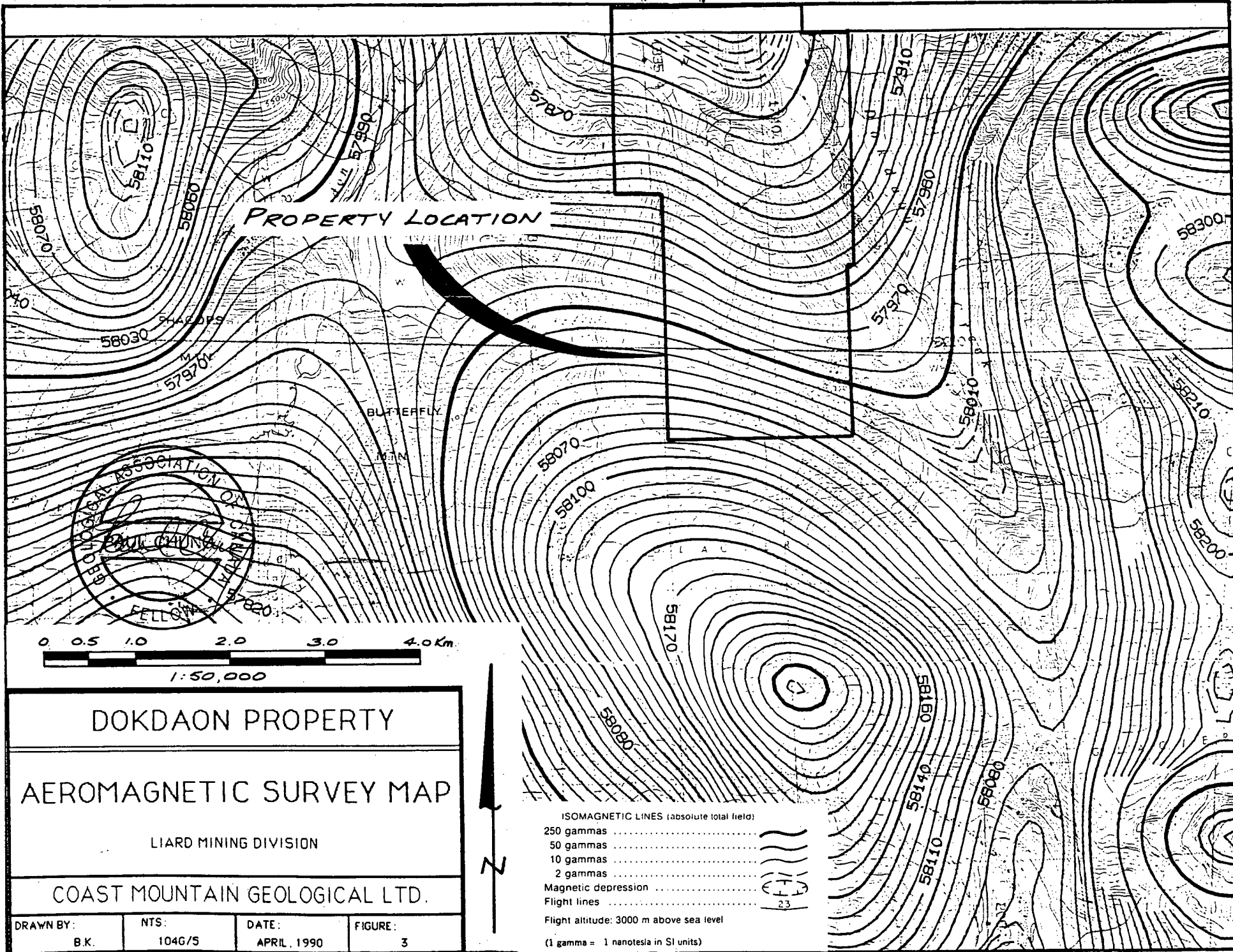
HISTORY

The region first received exploration activity sometime prior to 1914, when Dixon and Bodel staked claims on the Devil's Elbow properties, where the Stikine Mining Company did work for a couple of years. The first systematic mineral exploration in the area occurred 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.

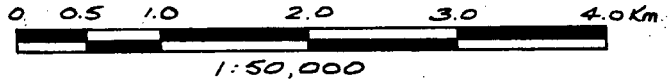
The first recorded exploration in the Dokdaon region was in 1970 when Canadex Mining Corp. staked several claims in the area. Canadex conducted soil sampling and geological mapping locating a number of pyrite - chalcopyrite veins associated with numerous northerly trending fault zones.

In 1971, the Swiss Aluminum Mining Co. of Canada (SAMCC) optioned the ground immediately to the northeast of the DOK property. SAMCC established cut grids on the property and conducted soil sampling, trenching and a ground magnetics geophysical survey. A total of 83 hand dug pits were excavated during 1971 and 1972, with abundant galena, sphalerite, pyrite and chalcopyrite mineralization being found to be associated with syenite and felsite dykes on the property. A large copper and lead soil anomaly was also outlined in the project area which is now covered by Continental Gold Corp's DOK 1-6 claims.

As SAMCC was looking for copper porphyry deposits similar to Galore Creek, only copper assays were reported. Reported assays (given in true widths) include 0.32% copper over 22.8 metres (75 feet), 0.66% copper over 38.1 metres (125 feet) and 0.72% copper over 15.24 metres (50 feet).



PROPERTY LOCATION



DOKDAON PROPERTY

AEROMAGNETIC SURVEY MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.



- ISOMAGNETIC LINES (absolute total field)
- 250 gammas
 - 50 gammas
 - 10 gammas
 - 2 gammas
 - Magnetic depression
 - Flight lines

Flight altitude: 3000 m above sea level
 (1 gamma = 1 nanotesla in SI units)

DRAWN BY: B.K.	NTS: 1046/5	DATE: APRIL, 1990	FIGURE: 3
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The Geological Survey of Canada conducted a regional aeromagnetic survey of the area in 1978. This survey indicates that the DOK property lies on the flank of a magnetic high (Figure 3).

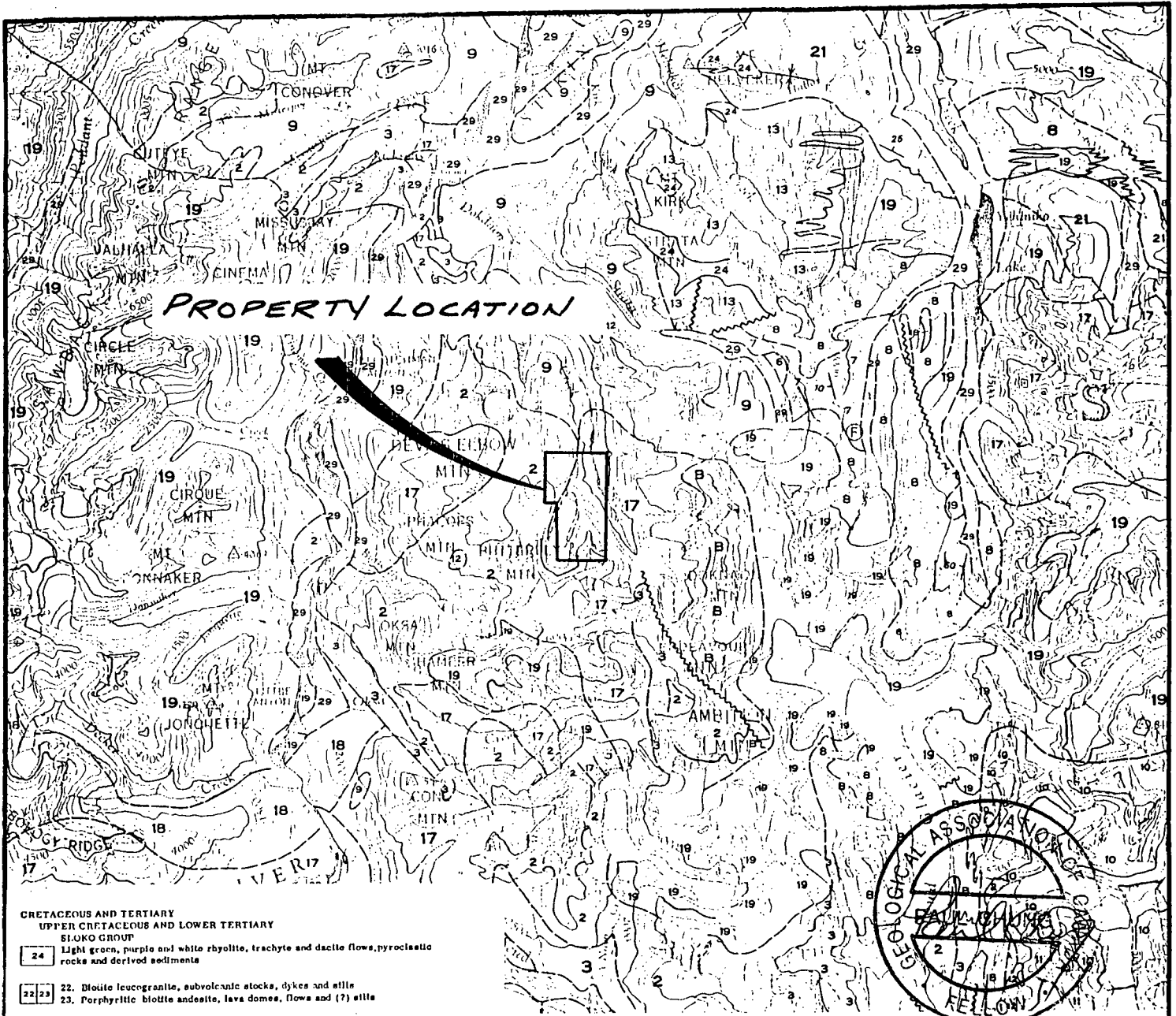
In 1987, the government conducted a Regional Geochemical Survey (RGS) over the Telegraph map sheet (104G). One of those samples (873063) was collected from the RB 21 claim and produced a gold assay in the 75th percentile for the map sheet.

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 4). 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).

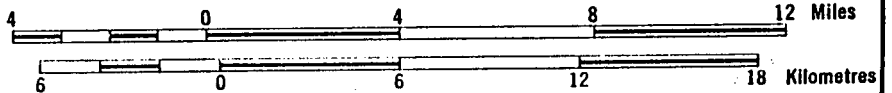
Unconformably overlying the Permian limestone unit are Upper Triassic Hazelton Group island arc volcanics and sediments (Units 5 through 8). In the Galore Creek area, Souther (1971) grouped these volcanic and sedimentary members in Unit 9, noting however that it was composed predominantly of augite andesite breccia, conglomerate and volcanic sandstone. The Paydirt gold deposit, located 50 kilometres south of the DOK property, contains 185,000 tonnes of drill-indicated reserves grading 4.11 grams gold per tonne, is hosted within silicified, sericitized and pyritized Upper



PROPERTY LOCATION

- CRETACEOUS AND TERTIARY**
UPPER CRETACEOUS AND LOWER TERTIARY
SILOKO GROUP
 24 Light green, purple and white rhyolite, trachyte and dacite flows, pyroclastic rocks and derived sediments
 22, 23 Diolite leucogranite, subvolcanic stocks, dykes and sills
 23. Porphyritic biotite andesite, lava domes, flows and (?) sills
SUSTUT GROUP
 21 Chert-pudding conglomerate, granito-boulder conglomerate, quartzose sandstone, arkose, siltstone, carbonaceous shale and minor coal
 20 Felsite, quartz-feldspar porphyry, pyriteiferous felsite, orbicular rhyolite; to part equivalent to 22
 19 Medium-to coarse-grained, pink biotite-hornblende quartz monzonite
- JURASSIC AND/OR CRETACEOUS**
POST-UPPER TRIASSIC PRE-TERTIARY
 18 Hornblende diorite
 17 Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite
- TRIASSIC AND JURASSIC**
POST-UPPER TRIASSIC PRE-LOWER JURASSIC
 12 Bynite, orthoclase porphyry, monzonite, pyroxenite
- PERMIAN**
MIDDLE AND UPPER PERMIAN
 3 Limestone, thick-bedded mafely biohermal limestone; minor siltstone, chert and tuff
- PERMIAN AND OLDER**
 2 Phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone
- MISSISSIPPIAN**
 1 Limestone, crinoidal limestone, ferruginous limestone; maroon tuff, chert and phyllite
- 8 Amphibolite, amphibolite gneiss; age unknown probably pre-Upper Jurassic

Scale 1:250,000



~ FROM SOUTHER - 1969 ~

DOKDAON PROPERTY			
REGIONAL GEOLOGY MAP			
LIARD MINING DIVISION			
COAST MOUNTAIN GEOLOGICAL LTD.			
DRAWN BY: B.K.	NTS: 104G/5	DATE: APRIL, 1990	FIGURE: 4



Triassic andesitic tuffs. 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 85 kilometres to the south.

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, 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

On September 20th, 1989, Coast Mountain Geological conducted a preliminary prospecting program on the property on behalf of the owner of the claims. During the program, a total of 2 stream sediment and 12 rock samples were taken (Figure 5).

Stream Sediment Survey

The 2 stream sediment samples were taken from the active parts of creeks draining Butterfly Mountain on the west side of Dokdaon Creek. The samples were field dried and 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. The two samples

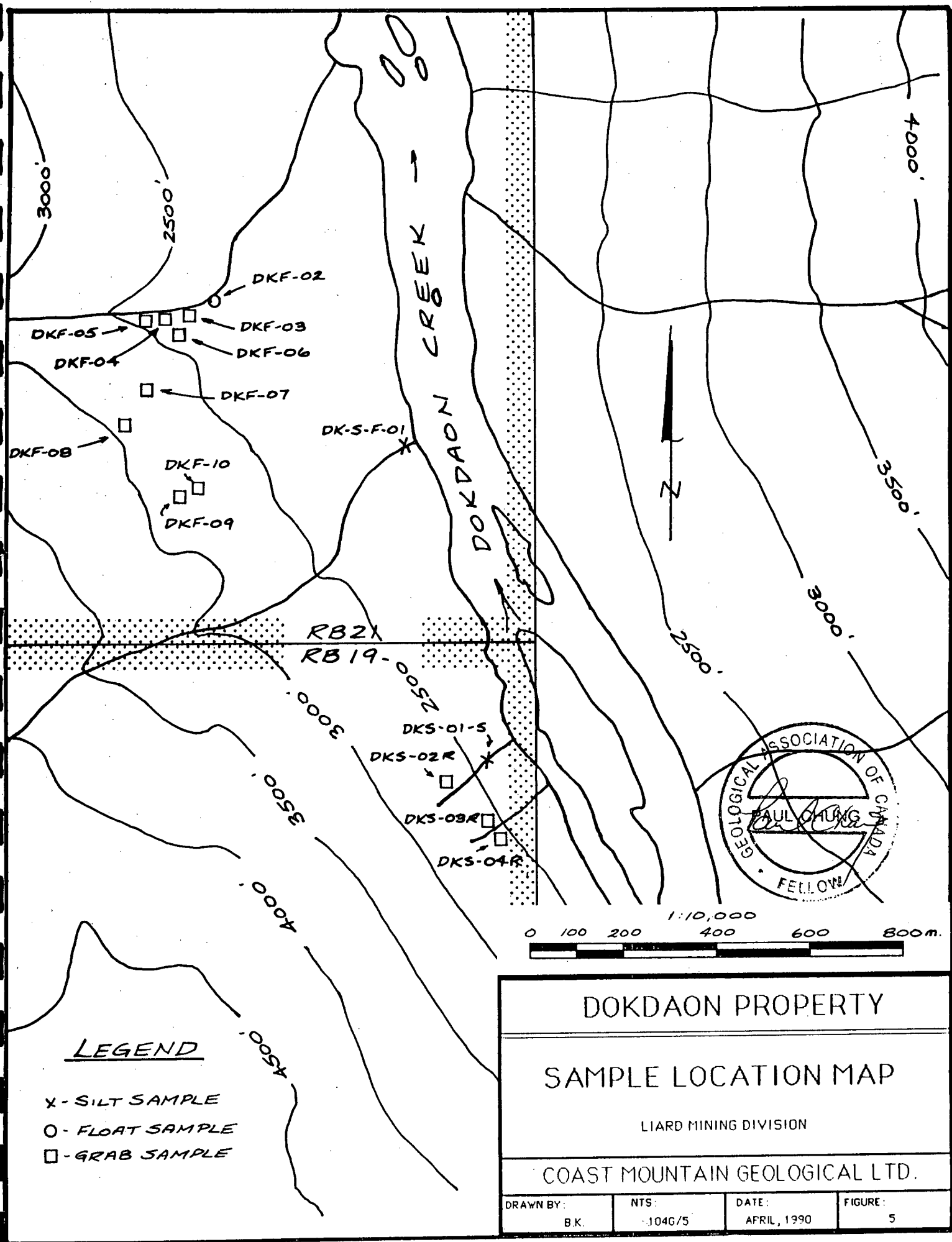
returned generally background values for the base metals and gold. However, 1 sample (DK-S-01) was highly anomalous in silver with 18.7 ppm and both samples were highly anomalous in uranium with 428 ppm and 204 ppm respectively for samples DK-F-01 and DK-S-01.

Rock Geochemistry Survey

The rock samples were collected while prospecting and were selected as representative samples of the units encountered or for their potential for carrying mineralization. The samples were then 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. In all, 12 samples were collected during the course of the program. The samples collected were all of intrusive rocks, either a diorite - granodiorite or dyke rocks. The results of the survey did not produce very many anomalous values. There are indications of the presence of base metals as a few samples were slightly anomalous in copper, lead and zinc. Three samples (DKF-02, DKF-04 and DKS-03) were highly anomalous in nickel and cobalt, producing survey highs of 72 ppm and 95 ppm respectively. Precious metal results were disappointing as neither gold nor silver reached above background values. The Certificate of Analysis and the rock sample descriptions accompanies this report as Appendix I and II respectively.

Property Geology

The portion of the property that was examined is underlain by a medium grained granodiorite containing numerous xenoliths (up to 15cm in size). The granodiorite is generally unaltered and not mineralized but epidote veins and patches are present and disseminated pyrite is usually present. Felsic and mafic dykes cross-cut the intrusive but contain no visible mineralization. Malachite staining was observed in float samples of granodiorite, but was not encountered in outcrop.



LEGEND

- X - SILT SAMPLE
- O - FLOAT SAMPLE
- - GRAB SAMPLE

DOKDAON PROPERTY			
SAMPLE LOCATION MAP			
LIARD MINING DIVISION			
COAST MOUNTAIN GEOLOGICAL LTD.			
DRAWN BY: B.K.	NTS: 1:10,000 104G/5	DATE: APRIL, 1990	FIGURE: 5

DISCUSSIONS AND CONCLUSIONS

The Galore Creek camp has gained prominence recently with the discovery of precious metal mineralization of the Trophy Project and more recently the very encouraging results 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 and/or sedimentary sequence.

The DOK property is in a favourable geological setting being underlain by a Permian volcanic and sedimentary sequence in contact with a Jurassic intrusion. The stream sediment survey produce one very encouraging sample for silver. The rock sampling program produce some encouraging results for nickel and cobalt, but precious metal values did not reach above background. However, the program conducted on the property was limited in scope and area. Also, the area which produced the anomalous result for gold from the government geochem survey and the creek that produced the anomalous silver result has not been investigated.

RECOMMENDATIONS

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

- (1) mapping and prospecting over the property, especially around the areas that produced the anomalous silt samples from the RGS and the recent work program.
- (2) reconnaissance geochemical soil survey lines should be run in the area of the contact between the Permian sedimentary and volcanic sequence and the intrusive.

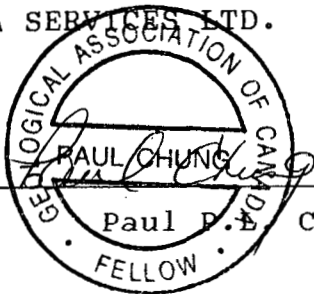
STATEMENT OF COSTS

Mob and Demob	\$850.00
Prospectors: 2 @ \$225/day	450.00
Camp Costs: 2 @ \$130/each	260.00
Consumables	30.00
Equipment	30.00
Project Prep	200.00
Assays: Rocks - 12 @ \$13.75 each	165.00
: silts - 2 @ \$11.60 each	23.20
Helicopter: 1.3 hours @ \$767.80	998.14
Freight and Communications	75.00
Management: 12%	369.76
Report	1,000.00

TOTAL COST OF PROGRAM	\$4,451.10
	=====

Respectfully submitted

BOA SERVICES LTD.



Paul P. E. Chung, FGAC


BIBLIOGRAPHY

- Allen, D.G., A. Panteleyev and A.T. Armstrong. 1976: Galore Creek, in CIM Special Volume 15, pp. 402-414.
- Brown, D.A. and M.H. Gunning. 1989: Geology of the Scud River Area, Northwestern British Columbia (104G/5, 6), B.C. Ministry of Mines and Petroleum Resources, Geological fieldwork, 1988, Paper 1989-1, pages 251-267.
- Logan, J.M. and V.M. Koyanagi. 1989: Geology and Mineral Deposits of the Galore Creek Area, Northwestern B.C. (104G/3, 4), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1988, Paper 1989-1, pages 269-284.
- 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 4th day of April, 1990.

APPENDIX I

CERTIFICATE OF ANALYSIS

Coast Mountain Geological Ltd

PTTE # 00-4270

je

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
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
PKK-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
JKK-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

DOK SAMPLES

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
CAS-01	1	5	7	34	.1	3	2	106	1.27	2	5	ND	1	332	1	2	2	12	29.12	.010	3	18	.64	48	.01	2	.64	.01	.03	1	1
CAS-02	1	1	2	11	.3	1	1	88	.59	2	5	ND	1	769	1	2	2	5	26.56	.005	2	14	.47	5	.01	2	.16	.01	.02	1	1
CAS-03	1	1	3	15	.2	1	1	92	.54	2	5	ND	1	258	1	2	2	2	31.78	.005	4	9	.92	3	.01	3	.02	.01	.02	1	1
CAS-04	1	2	2	3	.1	1	1	44	.28	2	5	ND	1	142	1	2	3	2	11.36	.002	2	10	.38	9	.01	3	.10	.01	.01	1	3
CAS-05	1	2	5	21	.1	5	2	110	1.28	3	5	ND	1	283	1	2	3	8	23.09	.020	3	20	.76	4	.01	6	.55	.01	.03	1	1
CAS-06	1	17	2	71	.2	4	8	425	3.57	2	5	ND	1	160	1	2	2	63	1.51	.116	9	9	1.18	42	.01	3	1.63	.02	.11	1	1
CAS-07	1	4	4	43	.2	4	3	121	1.89	5	5	ND	1	858	1	2	2	25	19.09	.039	3	26	1.24	27	.01	2	1.26	.01	.03	1	1
CAS-08	1	3	6	136	.1	3	4	72	4.19	5	5	ND	1	384	1	2	2	58	7.30	.155	6	10	3.90	10	.02	5	3.85	.02	.07	1	2
CAS-09	1	1	2	8	.1	1	1	64	.08	3	5	ND	1	129	1	2	2	1	38.75	.006	2	3	.11	4	.01	3	.01	.01	.01	1	1
CAS-10	1	1	2	9	.1	1	1	26	.14	2	5	ND	1	14	1	2	2	1	2.37	.003	2	2	.08	2	.01	4	.08	.01	.01	1	4
CAS-11	1	1	3	11	.2	1	1	39	.03	2	5	ND	1	108	1	2	2	1	39.73	.002	2	2	.13	8	.01	2	.01	.01	.01	1	1
DKF-02	1	3	2	22	.1	4	95	283	3.61	5	5	ND	7	104	1	2	2	27	.97	.038	5	13	1.01	59	.04	4	1.43	.01	.01	1	3
DKF-03	1	5	32	87	.1	1	1	174	.24	2	5	ND	16	10	1	2	2	1	.92	.001	10	15	.01	11	.01	2	.23	.02	.20	1	1
DKF-04	1	33	7	108	.2	15	31	1176	6.61	2	5	ND	1	28	1	3	2	121	1.47	.090	4	23	3.74	73	.13	3	3.75	.03	.02	1	1
DKF-05	1	6	6	68	.3	3	10	3645	4.19	4	5	ND	5	196	1	3	2	6	7.79	.032	8	18	2.09	869	.01	2	.26	.01	.13	1	4
DKF-06	1	1	34	5	.1	1	1	113	.18	2	5	ND	14	37	1	3	2	3	.59	.002	10	1	.07	41	.01	3	.31	.01	.24	2	1
DKF-07	1	1	7	29	.1	4	9	426	1.99	2	5	ND	7	67	1	2	2	30	.56	.045	11	24	1.00	36	.08	2	1.40	.02	.05	1	1
DKF-08	1	5	5	45	.1	5	9	536	2.94	2	5	ND	9	25	1	2	2	65	.47	.048	14	12	.98	77	.09	2	1.29	.03	.06	1	2
DKF-09	1	2	44	30	.1	1	1	238	.40	3	7	ND	19	20	1	2	2	3	.14	.002	8	1	.01	40	.01	2	.29	.02	.14	1	1
DKF-10	1	8	10	62	.1	4	9	460	2.99	2	5	ND	11	18	1	2	2	62	.29	.033	14	11	.91	77	.05	3	1.20	.02	.09	1	2
DKS-02	1	4	2	29	.1	4	7	351	2.27	2	5	ND	15	20	1	2	2	54	.39	.039	16	10	.61	58	.10	2	.85	.03	.06	1	1
DKS-03	1	63	15	54	.1	72	23	499	4.08	2	5	ND	1	51	1	2	2	65	1.49	.042	3	30	2.52	68	.12	9	3.42	.23	.06	1	1
DKS-04	2	2	24	10	.2	3	1	128	.33	2	6	ND	22	2	1	2	2	1	.06	.001	10	3	.01	16	.01	2	.22	.02	.14	1	1
DKK-01	5	1396	7	41	.7	5	8	394	2.51	2	5	ND	12	18	1	2	2	60	.39	.042	15	10	.66	187	.07	7	.93	.03	.07	1	6
DKK-02	1	67	15	54	.2	170	26	501	3.99	2	5	ND	1	94	1	2	2	59	1.45	.090	6	109	3.57	164	.10	4	3.48	.10	.04	1	1
DKK-03	6	13	16	82	.1	4	10	1015	2.78	2	5	ND	8	167	1	2	2	15	4.57	.032	14	9	.54	1873	.01	7	.28	.01	.16	1	2
DKK-04	1	1154	5	73	.4	8	8	245	2.47	2	5	ND	12	23	1	2	2	66	.44	.045	17	12	.51	219	.10	5	.81	.04	.09	1	1
DKK-05	1	87	8	77	.2	37	25	654	4.51	2	5	ND	1	36	1	3	2	80	1.11	.132	7	30	2.60	336	.13	4	2.50	.04	.03	1	3
DKK-06	1	240	6	39	.4	5	8	407	2.75	3	5	ND	12	43	1	2	2	66	1.15	.045	15	12	.76	352	.07	2	.95	.04	.14	1	1
DKK-07	1	984	6	41	3.9	5	13	325	2.65	2	6	ND	11	19	1	2	2	64	.47	.045	10	11	.74	163	.09	2	.95	.03	.09	1	15
DKK-08	2	3	7	138	.1	3	16	1558	5.27	3	5	ND	5	276	2	2	2	22	8.66	.021	12	13	1.89	1797	.01	2	.18	.01	.11	1	1
DKW-02	1	5	11	10	.1	2	1	374	.32	2	5	ND	18	17	1	2	2	1	.26	.001	10	2	.02	129	.01	2	.32	.01	.17	1	1
DKW-03	18	21	14	41	.2	6	7	429	2.37	2	5	ND	12	110	1	2	2	30	2.34	.054	22	10	.33	422	.01	8	.46	.01	.15	1	1
DKW-04	49	8480	9	82	7.8	4	10	699	2.93	2	5	ND	13	43	1	2	11	21	.36	.044	12	12	.93	197	.01	4	1.34	.03	.08	1	2
DKW-05	4	2641	3	65	1.8	5	10	626	2.35	2	5	ND	13	59	1	3	5	23	.54	.043	16	11	.86	301	.01	5	1.34	.02	.10	1	1
DKW-06	5	32	11	48	.1	3	7	539	1.80	2	5	ND	14	31	1	2	2	12	2.26	.040	20	5	.19	539	.01	2	.47	.01	.15	1	1
STD C/AU-R	18	58	43	133	6.7	68	31	960	4.07	40	20	8	38	48	18	15	19	59	.45	.094	38	55	.87	172	.06	36	1.94	.06	.14	13	470

DOK SAMPLES

APPENDIX II

SAMPLE DESCRIPTIONS - ROCKS

