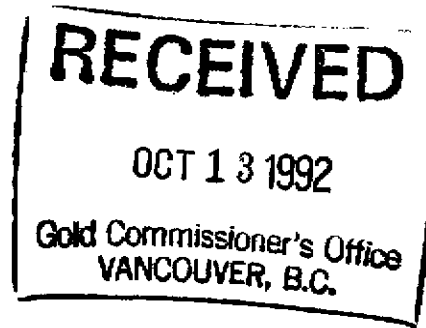


LOG NO:	OCT 21 1992 RD.
ACTION:	
FILE NO:	



GEOCHEMICAL REPORT

BEIF PROPERTY

Skeena Mining Division

Latitude: 56°29'N
Longitude: 130°10'W
NTS: 104B/8E

OWNER: Lawrence Barry
401 - 325 Howe St.
Vancouver, B.C. V6C 1Z7

REPORT BY: Dave Visagie, B.Sc., P.Geo.
September 30, 1992

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,559

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1.0 INTRODUCTION

The Beif claim is located in northwestern B.C. approximately 1000 kilometres north of Vancouver. It occurs in the Sulphurets area, immediately adjacent to east of Newhawk Gold Mines Ltd. and Granduc Gold Mines Limited's Bruce side property. Exploration has shown the Beif property to be underlain by andesitic volcanics in which narrow quartz vein and breccia zones occur. One day, representing one man-day of labour, was spent evaluating the property. As a result, 15 rock chip samples of float and outcrop were collected and sent for analysis.

2.0 LOCATION AND ACCESS (Figure 1)

The property is located 60 kilometres northwest of the village of Stewart. It is centred at latitude $56^{\circ}29'N$, longitude $130^{\circ}10'W$ and occurs on NTS sheet 104B/8E within the Skeena Mining Division.

Access to the property is by helicopter from the village of Stewart or by foot from the Brucejack camp of Newhawk Gold Mines Ltd.

3.0 TOPOGRAPHY, VEGETATION AND CLIMATE

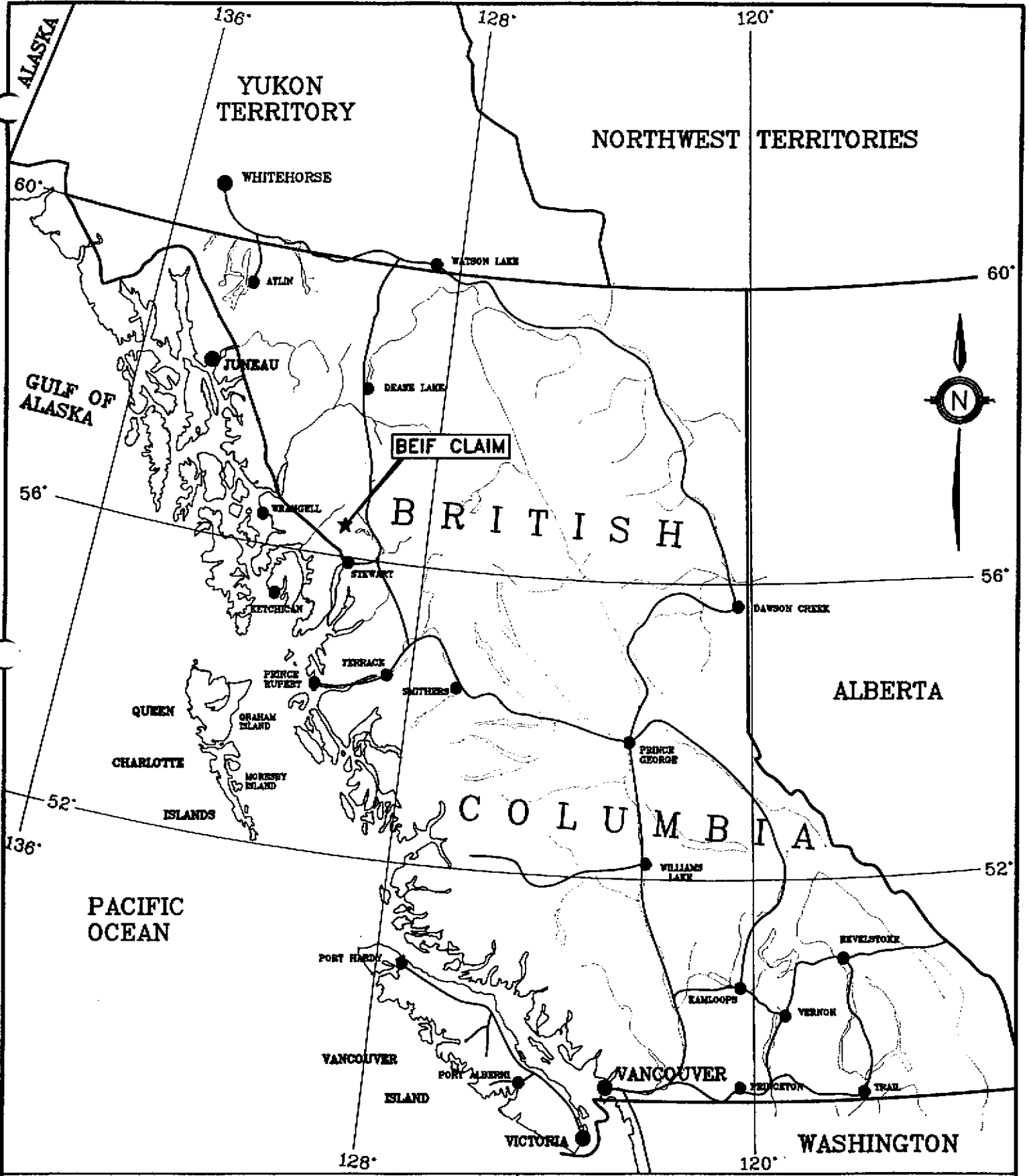
The Beif claim occurs within the Boundary Range of the Coast Mountains. Elevations on the property range from 1430 metres to in excess of 2350 metres. Much of the property consists of cliffs and glaciers.

All of the property is above the tree line. Lichens, mosses and grasses occur sporadically at the lower elevations.

The climate is typically cool and wet with significant snow accumulations occurring between October and March.

4.0 CLAIM STATUS (Figure 2)

The Beif claim is a 12 unit claim currently held by Lawrence Barry. The record number is 254308 and the record date is September 3, 1993.

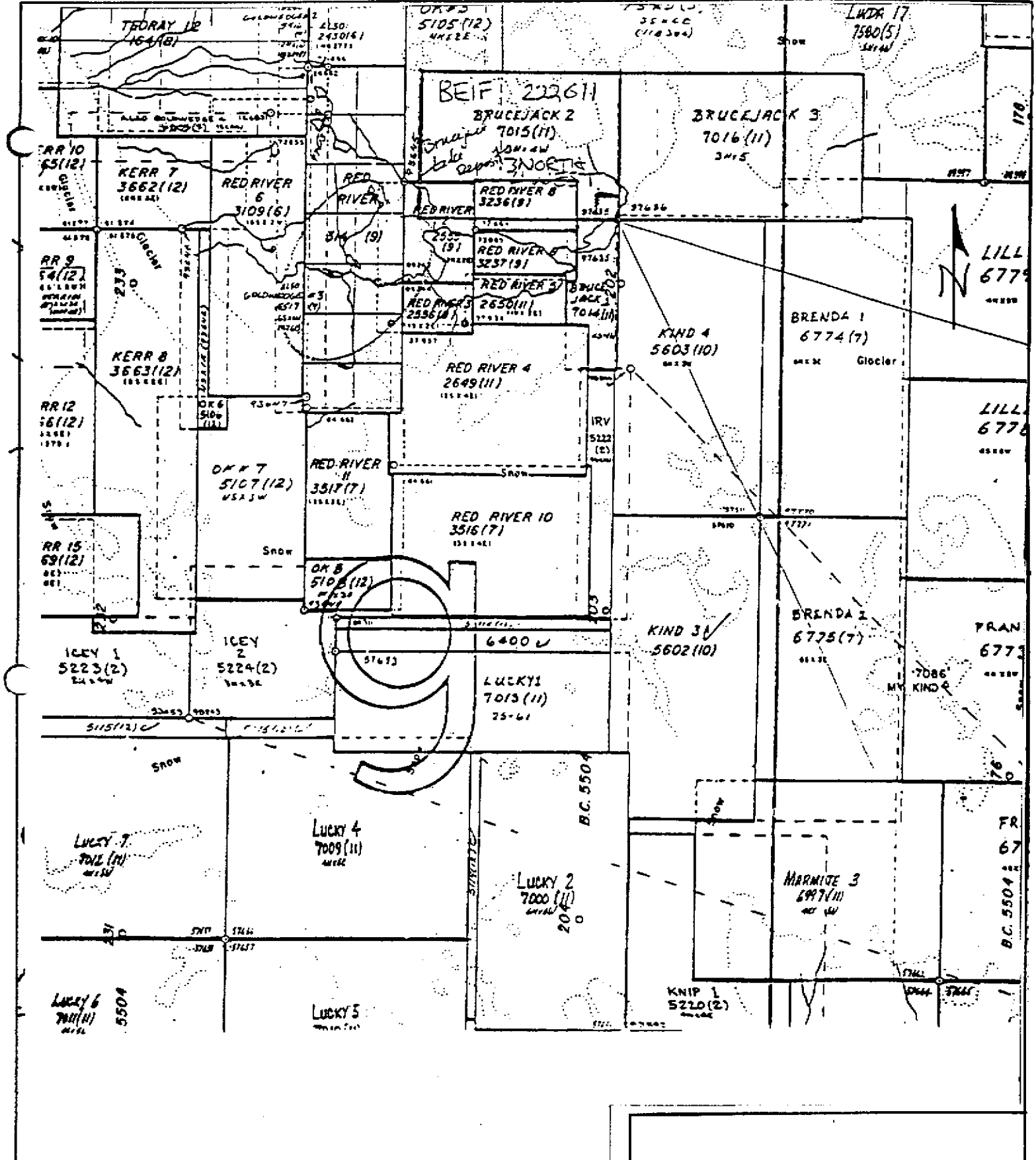


OWNER - L. BERRY

BEIF CLAIM
LOCATION MAP

0 100 200 300 400 500
kilometres

DRAWN BY: T.K.	FIGURE NO: 1
DATE: OCT/1992	SCALE: 1:10,000,000



BEIF-CLAIM MAP	
150 000	104 B8
SEPT, 1992	D.V.

Figure 2 Pg 3

5.0 HISTORY

There is no known record of any work having been completed on the Beif property prior to 1992. At the adjacent Bruce side property, exploration has been on going since 1980, first by Esso Minerals (until 1985) then by Newhawk and Granduc. As a result of their work, several zones of interest have been located, the most promising being the West Zone, where geologic reserves of 826,000 tons grading 0.450 opt Au with 18.8 opt Ag have been calculated based on both surface and underground exploration.

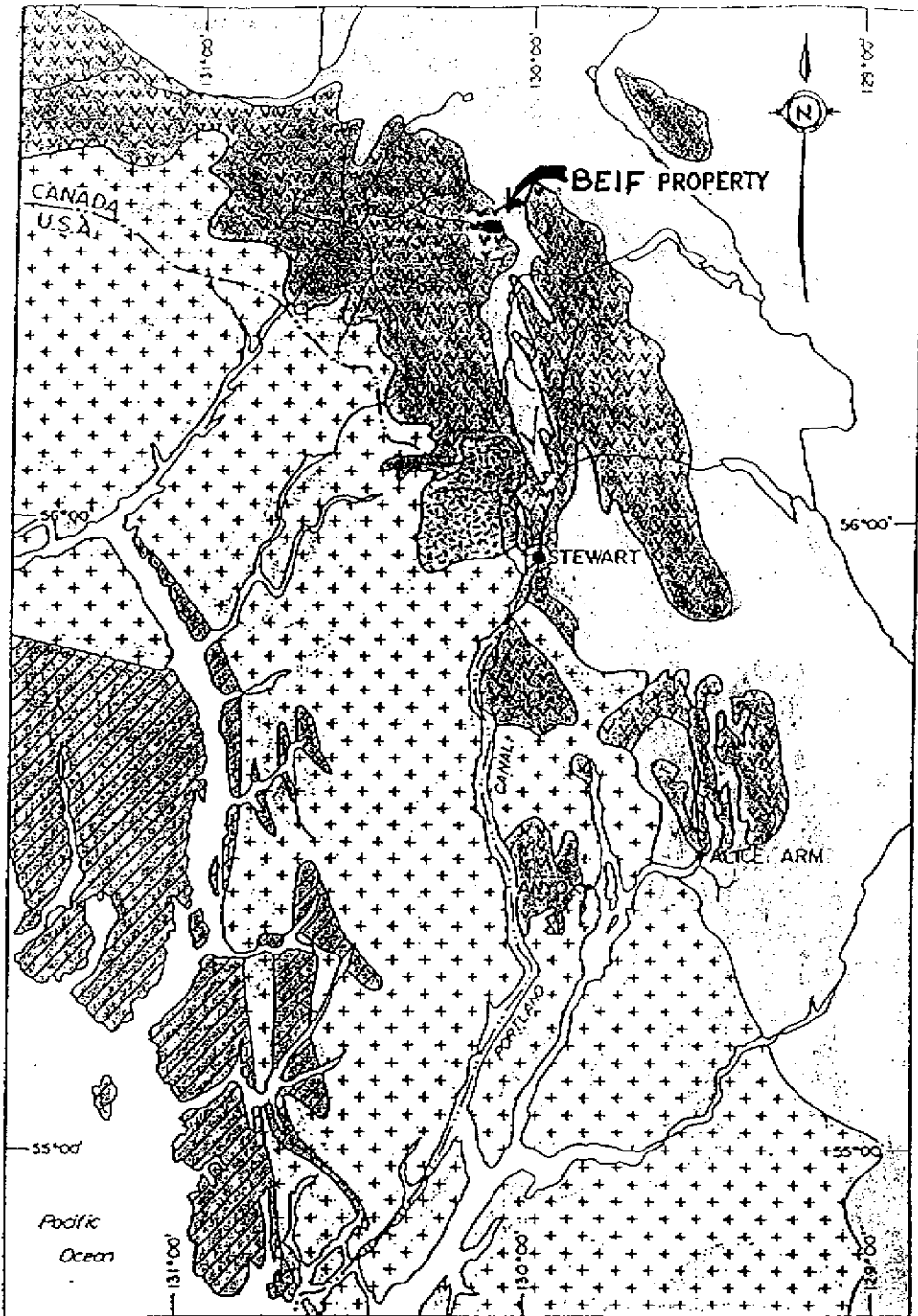
Continuing exploration on the property is presently aimed at evaluating the potential of the other know zones on the property.

6.0 REGIONAL GEOLOGY (Figure 3)

The Beif claim occurs within Stikine Terrane. It is underlain by Upper Triassic and Lower to Middle Jurassic Hazelton Group volcanic, volcanoclastic and sedimentary rocks. The lithostratigraphic assemblage as compiled by Kirkham (1963), Britton and Alldrick (1988), Alldrick and Britton (1991) and Kirkham et al (in preparation) consists (from oldest to youngest) of alternating siltstones and conglomerates (Lower Unuk Formation); alternating intermediate volcanic rocks and siltstones (Upper Unuk Formation); alternating conglomerates, sandstones, intermediate and mafic volcanic rocks (Betty Creek Formation); felsic pyroclastic rocks and flows, including tuffaceous rocks ranging from dust tuff to tuff breccias and localized welded ash tuffs (Mount Dilworth Formation); and finally alternating siltstones and sandstones (Salmon River and Bowser Formations).

At least three intrusive episodes occur in the area: intermediate to felsic plutons that are probably coeval with volcanic and volcanoclastic supracrustal rocks; small stocks related to Cretaceous Coast Plutonic Complex rocks and minor Tertiary dykes and sills. Stikine Terrane rocks are thought to be part of an island arc sequence that extends from south of Stewart near Anyox, north to the Iskut River for a distance of 150 kilometres.

Folding is commonly exhibited throughout the Hazelton Group rocks with the andesitic tuffs and flows south east of Brucejack Lake being gently warped while Salmon and Bowser Formation rocks tend to be tightly folded. Faulting is common throughout the area with north striking steep normal faults (eg. Brucejack) and west dipping thrusts (eg. Sulphurets, Mitchell).



LEGEND

- | | | | |
|--|---|--|--|
| | LOWER-MIDDLE JURASSIC
BOWSER ASSEMBLAGE | | UPPER TRIASSIC-LOWER JURASSIC
TEXAS CREEK INTRUSION |
| | UPPER TRIASSIC-LOWER
JURASSIC
TAKLA & HAZELTON
ASSEMBLAGE
(STEWART COMPLEX) | | CRETACEOUS-TERTIARY
COAST RANGE INTRUSIONS |
| | WRANGELL METAMORPHIC BELT
(UNDEFINED AGE) | | |

REGIONAL GEOLOGY OF THE STEWART - ANYOX AREA

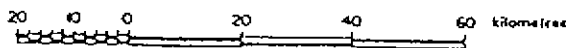


Figure 3 (after Dykes et al, 1988)

7.0 PROPERTY GEOLOGY

The Beif claim is underlain by Lower Jurassic Hazelton Group rocks locally consisting of andesitic flows and tuffs along with intercalated sediments. The rocks are fresh to weakly chloritized. Pyrite is found randomly disseminated within the host rocks forming small gossans and occasionally within quartz veins. In general, quartz veining is minimal with the veins being narrow and limited in strike length. A sample of quartz vein float was observed to contain, in addition to pyrite, minor malachite and tetrahedrite.

8.0 1992 WORK PROGRAM

The purpose of the 1992 work program was to determine whether the Beif claim has any zones of significant mineralization and to complete assessment requirements. For the purpose of the investigation the Newhawk Camp at Brucejack Lake was used as the base of operations. To get to the claim, the Frontier helicopter based at the nearby Kerr camp was used. Due to the steepness of the terrain and the non-favourable geology, part of the traverse was completed over a glacial moraine located on the property. As a result, 15 samples were taken of both outcrop and float.

9.0 GEOCHEMISTRY

9.1 Sampling Procedure

Samples were taken from outcrop and float. The samples generally weighing between one and two kilograms were taken using a hammer and moil, described, identified and stored in a plastic bag. The sample locations are plotted on Figure 4 and the sample descriptions are listed in Appendix 1.

9.2 Assay Procedure

All of the samples were prepared at Westmin Mines' Premier Assay Lab at the mine site near Stewart. The samples were initially dried, crushed to a pulp stage and then pulverized to approximately -140 mesh. The pulps were then transported to Eco-Tech Labs, Kamloops, via Bandstra Freight Lines. At Eco-Tech the samples were fire assayed for gold and silver using a 1/2 assay ton sample. The assay results are listed in Appendix 2.

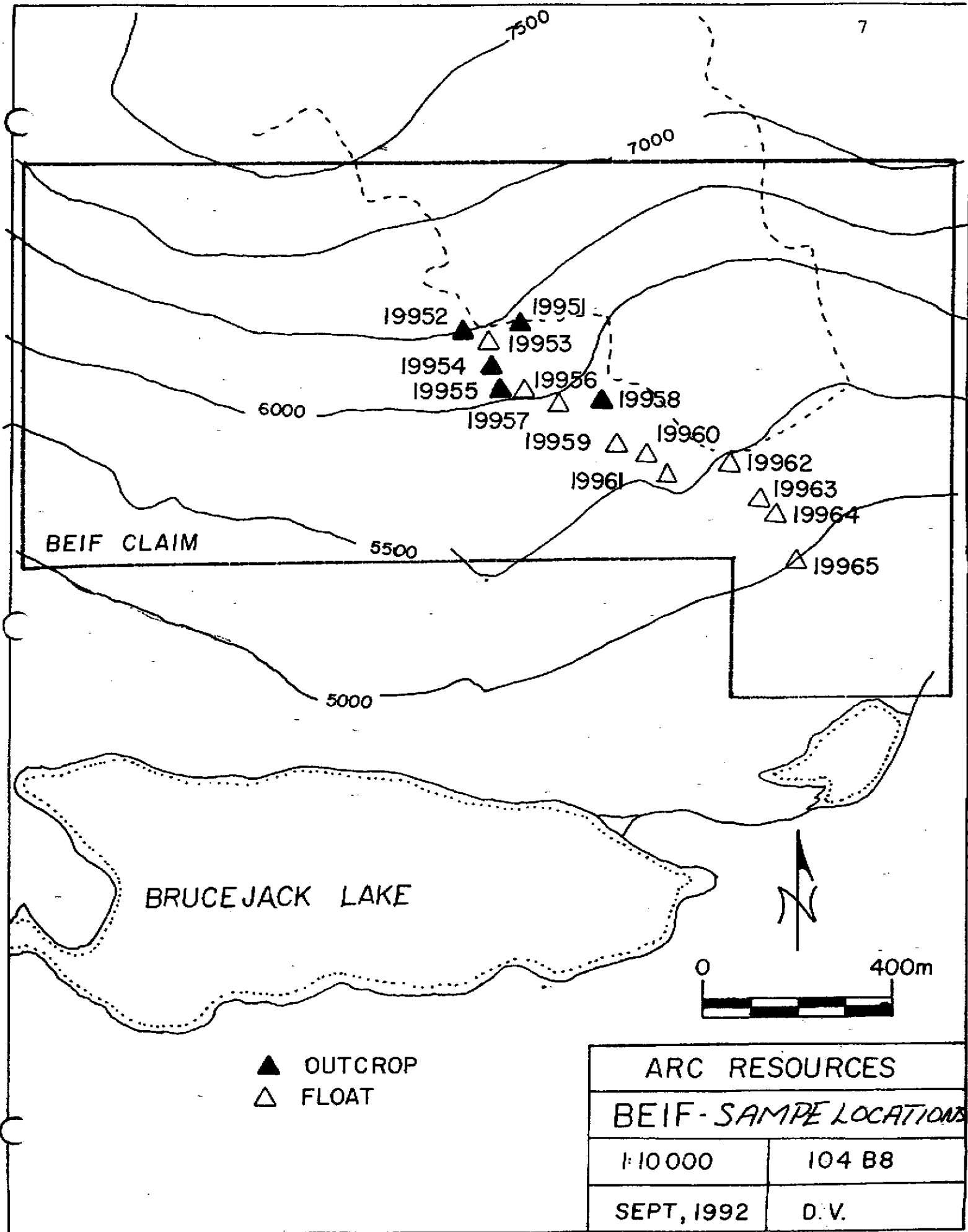


Figure 4

9.3 Results (Figure 5)

With the exception of one sample, all the results are negative - being less than 0.002 opt Au and 1.00 opt Ag. The one exception (a sample of weakly malachite-stained quartz float in which minor tetrahedrite was observed) assayed 0.008 opt Au and 21.52 opt Ag. The sample was taken from an angular boulder some 1/3 metres in dimension of malachite, pyrite and tetrahedrite bearing quartz vein material that is believed to have been derived from a cirque wall to the north.

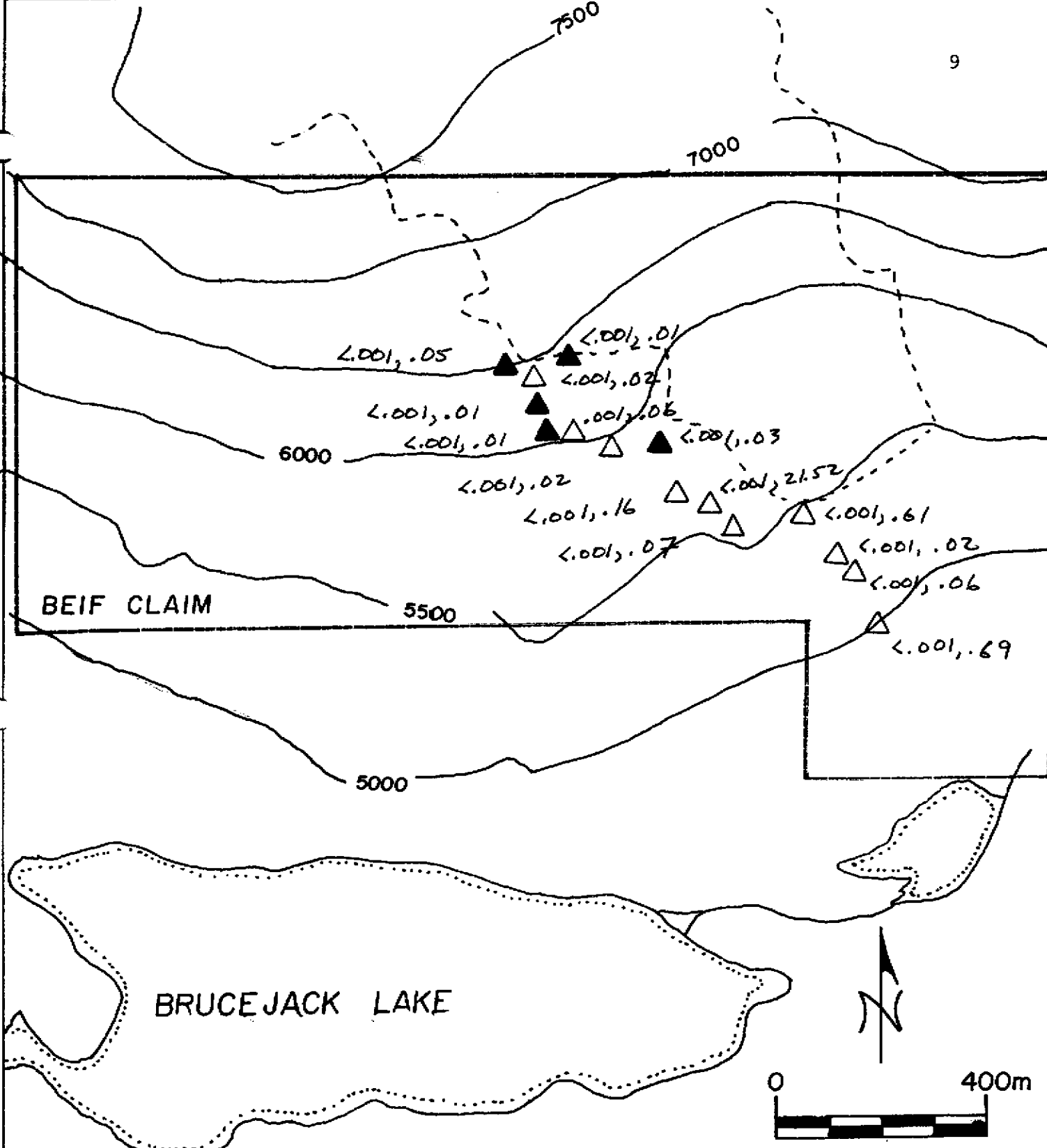
10.0 SUMMARY AND CONCLUSIONS

One man-day was spent evaluating the Beif claim on the behalf of the owner, Lawrence Barry. Mapping has shown the property to be underlain by Hazelton Group volcanics and sediments in which minor quartz veining occurs. Due to the inaccessibility of much of the property, only a small section could be evaluated. In the area investigated, much of the outcrop consists of barren andesites, however, in the moraine adjacent to a glacier located in the claim, quartz vein float was observed. In general, the values are largely negative with the one exception being a float sample, that is believed to have been locally derived, in which minor malachite and tetrahedrite were observed. This sample assayed 0.008 opt Au and 21.52 opt Ag. All other samples assayed less than 0.002 opt Au and 1.00 opt Ag.

11.0 RECOMMENDATIONS

If further work is to be completed on the property:

- i) attempt to locate the source of the anomalous float sample, and
- ii) evaluate the rest of the property.



BEIF CLAIM

BRUCE JACK LAKE

▲ OUTCROP
 △ FLOAT



ARC RESOURCES	
BEIF - Au opt, Ag opt	
1:10 000	104 B8
SEPT, 1992	D.V.

Figure 5

12.0 COST STATEMENT

Labour		Total: \$294.00
D. Visagie, Senior Geologist		
August 23	\$294/day	
Transportation		Total: \$ 725.00
Mobe/demobe	\$300	
Helicopter	\$340	
.5 hrs @ \$680/hr		
Truck rental	\$ 85	
1 day @ \$85		
Room & Board		Total: \$ 100.00
1 day @ \$100/day		
Assaying		Total: \$ 143.00
Samples:	15	
Prep:	2.75	
1/2 at Au/Ag:	6.75	
Supplies & Equipment		Total: \$ 20.00
Includes field gear, flagging, plastic bags, etc.		
Report		Total: \$ 350.00
Includes writing, draft, xeroxing, etc.		
		Sub-Total: \$1632.00
Management Fee (10%)		Total: \$ 163.00
		TOTAL: <u>\$1795.00</u>

C 13.0 STATEMENT OF QUALIFICATIONS

I, D.A. Visagie of 860 - 625 Howe Street, Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia with a Bachelor of Science Degree, majoring in Geology, in 1976.
2. I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
3. I have been steadily employed in the mining industry since then and have since January 1990 been employed by Northair Mines Ltd. as Senior Geologist.
4. The work undertaken on the Beif claim was under my supervision.

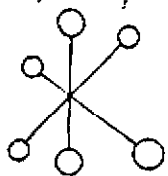
C Dated at Vancouver, British Columbia, this 30th day of September, 1992.

D.A. Visagie

12

Date	Sample No.	Type	Location			Sample Data				Assay Data			Sample Description	
			Claim	Northing	Easting	Zone	No.	From (m)	To (m)	Int. (m)	Cu	Au	Ag	Alteration
Aug 23	19951	Chip (Grub)									<.001	.01	P	ANTE WITH MINOR
	19952	Chip (Grub)									"	.05	QSP	QV - tr py Gossanous boulder QSP with barrow py tr black sulphides
	19953	Chip FIT									"	.02		QV FIT - tr py (15x30x20cm)
	19954	Chip (Grub)									"	.01	Q-C	quartz-carb filled bar dyke trending 06/85W
	19955	Chip (Grub)					0	1.0	1.0		"	.01		Fracture qtz vein filling overall trend 030/75E
	19956	Chip Grub									.001	.06	Q	QV FIT - tr py
	19957	Chip Grub									<.001	.02	Py	Gossanous boulder weathered t/o (20x20x20cm)
	19958	Chip Grub									"	.03	Q-C	qtz vein barren 030/10'
	19959	Chip									"	.16	Q	QV FIT - tr py (10x20x20)
	19960	Chip Grub									"	21.52	Q-P	QV-PY boulder 15x20x10cm tr ml, tet, possible Py
	19961	Chip Grub									"	.07	Q-P	Siliceous boulder gossanous 5% py, tr tet
	19962	Chip Grub									"	.61	Q	Q-C vein tr 5% py
	19963	Chip					0	1.0	1.0		"	.02	Q-P	ANTE 10x20cm weak gossan tr Py
	19964	Chip Grub									"	.06	Q-P	pyritic sil boulder 20x20x10cm 1.5cm patch ANTE Boulder gossanous t/o tr py
	19965	Chip Grub									"	.69		

Appendix 1 Sample Descriptions



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

Appendix 2

Assay Results

13

SEPTEMBER 15, 1992
CERTIFICATE OF ASSAY ETK 92-438
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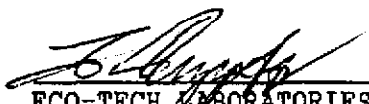
NEWHAWK GOLDMINES LTD.
860, 625 HOWE ST.
VANCOUVER, B.C.
V6C 2T6

ATTENTION: DAVID VISAGIE

SAMPLE IDENTIFICATION: 15 ROCK samples received SEPTEMBER 3, 1992

PROJECT: "BRUCESIDE"
SHIPMENT NUMBERS: 8

ET#	Description	AU (g/t)	AU (oz/t)	AG (g/t)	AG (oz/t)
1	- 19951	.01	<.001	.2	.01
2	- 19952	<.01	<.001	1.6	.05
3	- 19953	<.01	<.001	.6	.02
4	- 19954	<.01	<.001	.3	.01
5	- 19955	<.01	<.001	.2	.01
6	- 19956	.02	.001	1.9	.06
7	- 19957	<.01	<.001	.7	.02
8	- 19958	.01	<.001	.9	.03
9	- 19959	<.01	<.001	5.6	.16
10	- 19960	.28	.008	738.	21.52
11	- 19961	.03	.001	2.5	.07
12	- 19962	<.01	<.001	21.0	.61
13	- 19963	<.01	<.001	.8	.02
14	- 19964	.02	.001	1.9	.06
15	- 19965	.01	<.001	23.6	.69


ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

14
SEPTEMBER 15, 1992

BCO-TECH LABORATORIES LTD.
19041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

NEWHAWK GOLDMINES STK 92-438
660 - 625 Howe Street
VANCOUVER, B.C.
V6C 2T6

VALUES IN PPM UNLESS OTHERWISE REPORTED

ATTENTION: DRAVID VISAGIE

PROJECT: "BRUCESIDE" SHIPMENT # 1
15 ROCK SAMPLES RECEIVED SEPTEMBER 3, 1992

RT#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	NN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	19951	<.2	5.36	<5	2	55	<5	6.12	2	18	35	9	4.06	.01	10	1.26	1390	2	<.01	2	720	32	5	<20	34	.06	<10	130	<10	8	202
2-	19952	1.2	.29	1240	2	135	<5	.04	1	3	71	6	3.16	<.01	10	.01	92	130	.01	1	880	16	45	<20	22	.02	<10	21	<10	1	16
3-	19953	.2	1.66	185	<2	40	<5	1.98	1	12	95	45	3.21	<.01	<10	.52	646	7	.01	4	520	32	18	<20	16	.13	<10	59	<10	13	76
4-	19954	<.2	1.30	5	<2	70	<5	4.99	<1	12	55	12	3.07	.04	10	.77	1354	<1	.02	2	630	8	<5	<20	40	.10	<10	70	<10	15	74
5-	19955	<.2	1.61	<5	<2	90	<5	6.92	<1	<1	83	2	.32	.06	<10	.02	714	5	<.01	1	30	20	<5	<20	70	<.01	<10	67	<10	1	14
6-	19956	1.2	.90	10	<2	80	<5	.36	1	5	80	15	2.68	.07	10	.26	490	<1	.02	2	590	68	<5	<20	14	<.01	<10	54	<10	5	59
7-	19957	<.2	1.83	270	4	190	15	.12	<1	26	15	100	>15	<.01	40	.74	410	31	.01	2	1100	4	<5	<20	11	.02	30	263	<10	<1	72
8-	19958	.8	.28	<5	<2	180	<5	.72	<1	2	177	30	.70	<.01	<10	.18	786	<1	.01	2	<10	8	<5	<20	18	<.01	<10	2	<10	<1	20
9-	19959	4.2	.23	30	<2	1105	<5	6.89	1	12	91	36	3.04	.12	<10	.07	2133	1	.01	1	260	22	5	<20	187	<.01	<10	8	<10	6	80
10-	19960	>30	.21	15	<2	160	<5	.08	<1	2	79	3532	.91	.12	<10	.01	35	5	<.01	1	330	186	10	<20	168	<.01	<10	3	10	3	124
11-	19961	1.8	.43	480	2	100	<5	.09	1	6	184	22	2.39	.04	10	.08	151	36	.01	2	570	74	20	<20	14	<.01	<10	37	<10	2	65
12-	19962	17.4	.15	25	<2	345	<5	.07	<1	10	147	25	1.00	.13	<10	.01	84	10	<.01	4	300	52	<5	<20	42	<.01	<10	4	<10	2	56
13-	19963	.4	.48	70	<2	120	<5	.63	<1	4	136	8	1.62	.13	<10	.07	424	1	.01	2	210	42	<5	<20	34	.01	<10	7	<10	2	45
14-	19964	1.2	.42	1170	2	30	5	.36	2	12	66	20	4.14	<.01	10	.07	89	9	.01	2	800	68	110	<20	7	.19	10	43	<10	17	70
15-	19965	19.4	.34	35	<2	170	<5	.24	1	6	90	11	1.55	.24	<10	.02	128	1	.01	2	960	102	<5	<20	11	<.01	<10	8	<10	5	166

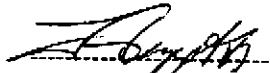
Q C DATA

=====

Repeat #:

7-	19957	<.2	1.81	270	4	185	10	.12	<1	26	14	98	>15	<.01	40	.72	407	31	.01	2	1080	4	<5	<20	11	.02	20	260	<10	<1	72
STANDARD	1991	1.0	1.93	50	2	130	<5	1.04	<1	20	65	80	4.00	.38	10	1.00	675	<1	.02	23	660	12	5	<20	67	.13	<10	81	<10	16	65

NOTE: < = LESS THAN


BCO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. CERTIFIED ASSAYER

SC92/NEWHAWK92