

LOG NO: 0605

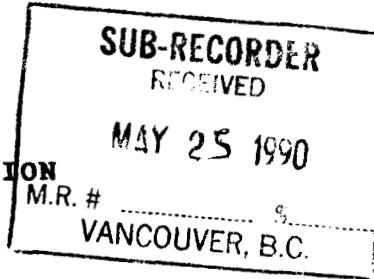
RE.

ACTION:

FILE NO:

GEOLOGICAL AND GEOCHEMICAL

REPORT  
ON THE  
FISHPOT PROPERTY  
CARIBOO MINING DIVISION  
BRITISH COLUMBIA



- Prepared for -

EIGHTY-EIGHT RESOURCES LTD.  
904 - 675 West Hastings Street  
Vancouver, B.C. V6B 1N2

Covering: Fishpot #1 - #5 (93 Units)

Work Performed: September 16, 1989 to May 18, 1990

Location: (1) 52°58'N, 123°55'W  
(2) 95 km west of Quesnel, B.C.  
(3) NTS 93B/13W

- Prepared by -

DAWSON GEOLOGICAL CONSULTANTS LTD.  
203 - 455 Granville Street  
Vancouver, B.C. V6C 1T1

James M. Dawson, P.Eng.

May 18, 1990

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,022

**GEOLOGICAL AND GEOCHEMICAL REPORT  
ON THE FISHPOT PROPERTY, CARIBOO MINING DIVISION, B.C.**

	<b>Page</b>
INTRODUCTION	1
SUMMARY AND CONCLUSIONS	2
PROPERTY	4
LOCATION AND ACCESS	5
PHYSIOGRAPHY AND VEGETATION	6
HISTORY	7
GEOLOGY AND MINERALIZATION	8
GEOCHEMISTRY	10
EXPLORATION POTENTIAL	12
APPENDIX A: Personnel	
APPENDIX B: Programme Costs	
APPENDIX C: Geochemical Analyses	
APPENDIX D: References	
APPENDIX E: Writer's Certificate	
LIST OF MAPS ACCOMPANYING THIS REPORT:	

- Figure 455E-1: Location Map
- Figure 455E-2: Claim Map
- Figure 455E-3: Geology Map
- Figure 455E-4: Sample Location Map
- Figure 455E-5: Au, Ag, Cu, As Values in Soils
- Figure 455E-6: Au, As, Cu, Zn Values in Rocks

**EIGHTY EIGHT RESOURCES LTD.**

## **LOCATION MAP**

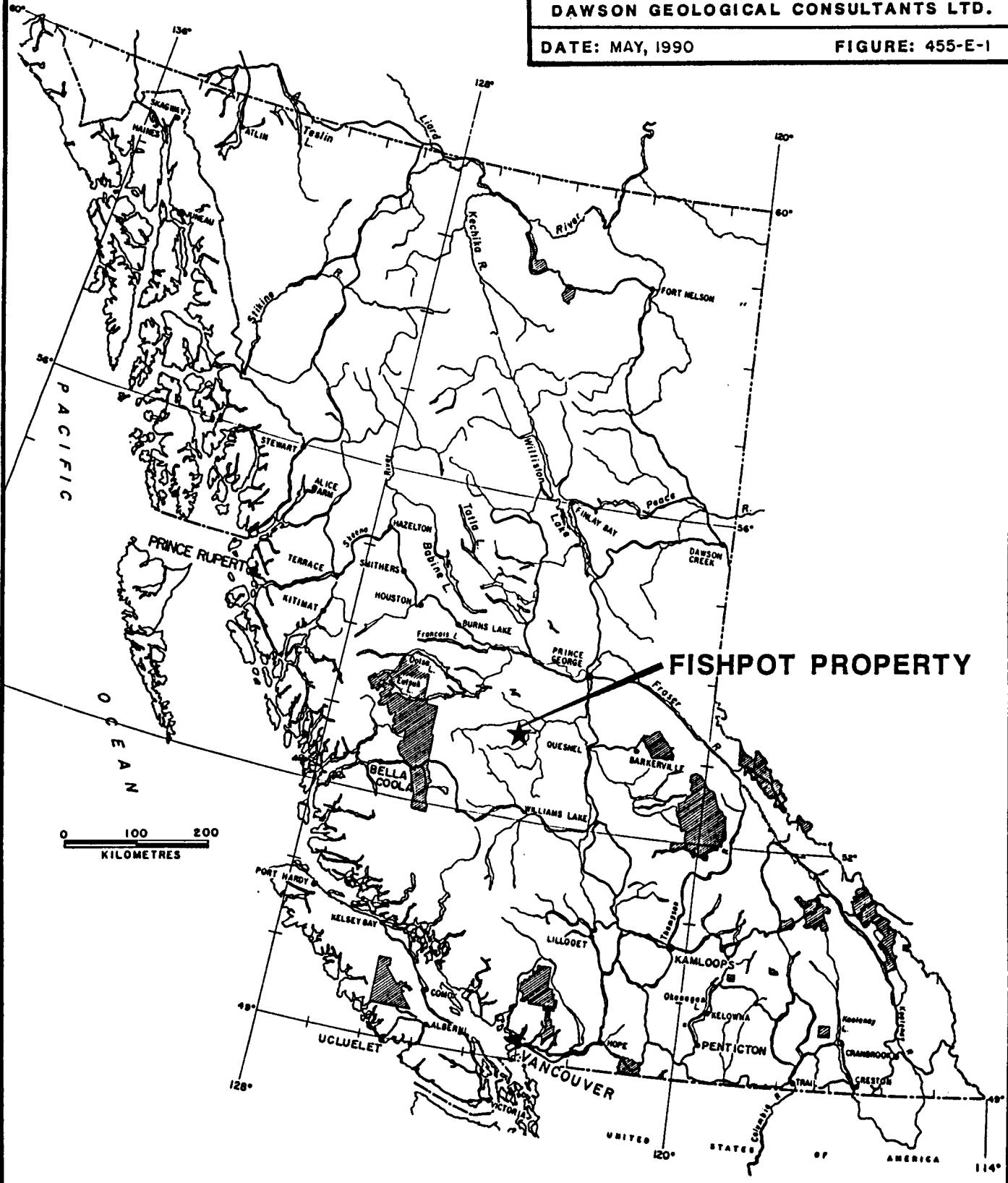
# FISHPOT PROPERTY

## **CARIBOO MINING DIVISION, B.C.**

# **DAWSON GEOLOGICAL CONSULTANTS LTD.**

DATE: MAY, 1990

**FIGURE: 455-E-1**



RWR

**INTRODUCTION**

This report describes the results of a preliminary exploration programme carried out on the Fishpot property during the late 1989 field season.

The work consisted of grid layout, prospecting, geochemical soil and rock sampling and geological mapping.

The results of this work were interpreted and are presented on maps accompanying this report.

SUMMARY AND CONCLUSIONS

- 1) The Fishpot property consists of five contiguous MGS claims aggregating 93 units. It is located in moderate tree-covered terrain in the Nechako Basin of central British Columbia and is accessible by road from Quesnel.
- 2) There is no record of previous exploration work on the property. However, regional reconnaissance in the area by Newmont Exploration lead to staking to the immediate east and southwest of the present property in the early 1980's.
- 3) The property is underlain primarily by intermediate volcanics and clastic sediments of the Hazelton Group intruded by at least one small granitic stock. Clastic marine sediments of the Skeena Group locally unconformably overlie the Hazelton rocks. At least two felsic dikes of probable Eocene (Ootsa Lake) age cut the older rocks.
- 4) The main area of interest is centered about a large, northeasterly-trending zone of weak to strong argillic alteration. The zone is marked by extensive faulting and shearing and locally strong limonitic staining. Minor quartz veining is locally present in the areas of most intense alteration and also in association with felsic dikes. Reconnaissance rock and soil samples show that this

alteration zone is anomalous in places in copper, zinc and arsenic and locally in gold, bismuth and barium.

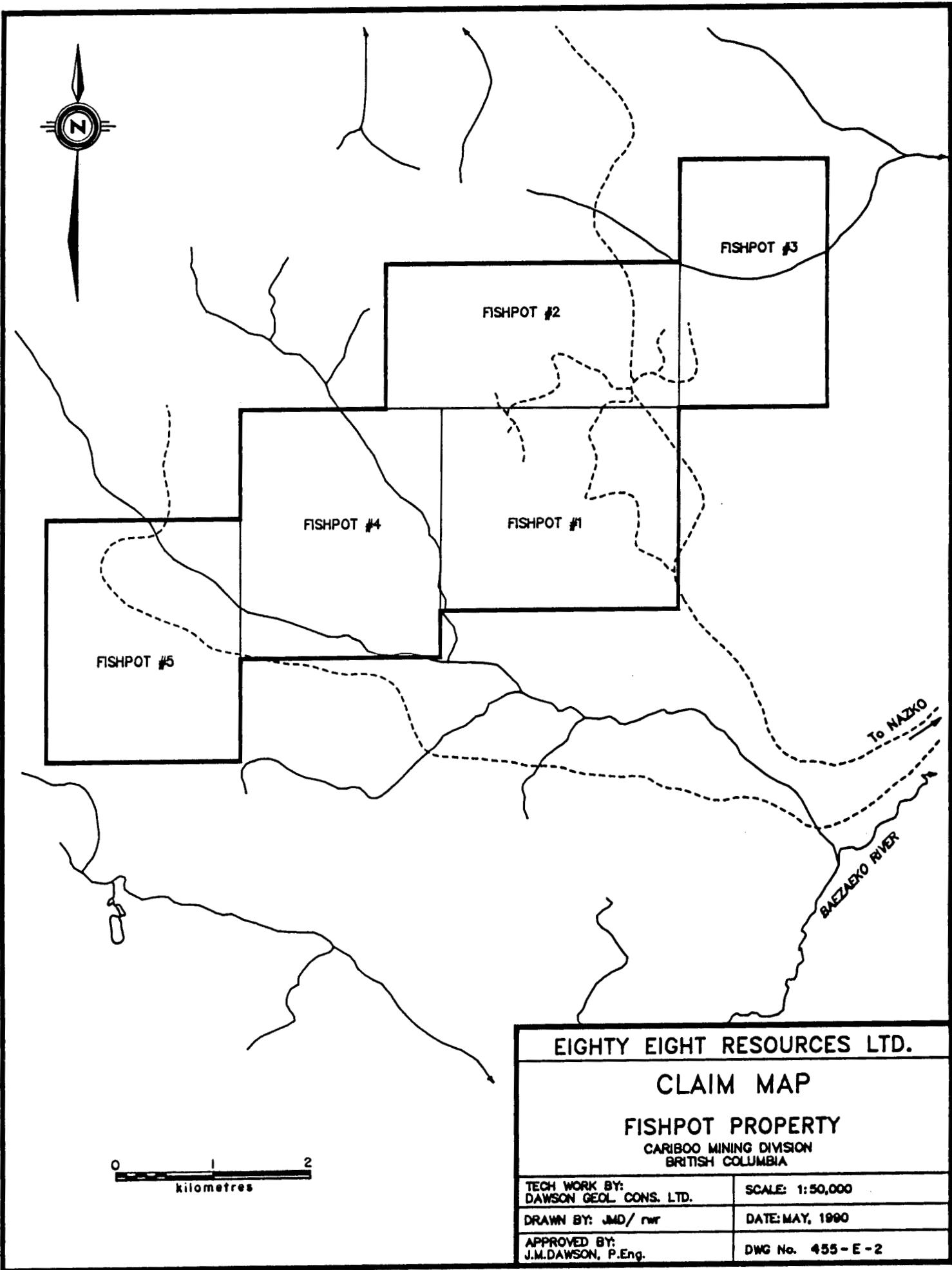
- 5) The type of alteration and pattern of anomalous metals suggests aspects of both porphyry style mineralization as well as higher level, precious metal epithermal systems. Further exploration will be necessary to fully evaluate its significance.

PROPERTY

The property consists of a linear, northeast-trending block of 5 MGS claims aggregating 93 units as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>Tag No.</u>	<u>No. of Units</u>	<u>Record Date</u>
Fishpot #1	10055	123902	20	September 15, 1989
Fishpot #2	10056	123903	18	September 15, 1989
Fishpot #3	10375	201723	15	January 15, 1990
Fishpot #4	10376	201724	20	January 16, 1990
Fishpot #5	10377	123905	20	January 17, 1990

Disposition of these claims is shown on Figure 455E-2.



LOCATION AND ACCESS

The property is located in central British Columbia about 95 km west of the town of Quesnel and approximately 25 km west of the village of Nazko. The approximate geographic center of the claims is at 52°58' north and 123°55' west.

The property is accessible via approximately 130 km of paved and good gravel road west from Quesnel. Main logging roads pass through the east central and western parts of the claim block. A centrally located logging slash (Fishpot #1 & 2 claims) is served by secondary roads and skid trails.

PHYSIOGRAPHY AND VEGETATION

The claims form a northeasterly trending block which covers part of a moderately dissected upland area which is drained by south and easterly flowing tributaries of the Baezaeko River. Relief is in the order of 1200 feet with elevations varying from 3600 feet at the eastern and southern claim boundaries to about 4800 feet in the northern reaches.

Topography in the central part of the property is irregular and blocky and a number of northeasterly and northwesterly-trending lineaments have been delineated from satellite photos.

The area is densely forested with a mature growth of pine and lesser fir and spruce. Logging activities have cleared the central parts of Fishpot 1 and 2 claims as well as the north central part of Fishpot #3 claim.

HISTORY

There is no record of any previous exploration on the ground covered by these claims. The claims were staked in 1989 during the course of a regional prospecting programme which detected significant evidence of hydrothermal alteration in a recently logged area.

Claims staked to the east and southwest of the current property cover geochemical anomalies and/or alteration zones detected by Newmont Exploration during the early 1980's.

GEOLOGY AND MINERALIZATION

The property is underlain primarily by volcanics and sediments of the middle Jurassic Hazelton Group. These rocks are intruded by at least one granitic plug. A small remnant of Skeena group sediments of Lower Cretaceous age unconformably overlies the Hazelton near the east end of the claims. Felsic dikes of probable Eocene age locally intrude the older rocks.

The Hazelton rocks consist of a mixed sequence of andesitic flows and fragmentals as well as dark siltstones, cherts and conglomerates. This rock package is cut by an irregular, northeast-trending zone of alteration. This zone can be traced intermittently for about 2000 metres and is still open in both directions along strike (see Figure 455E-3). It may be as much as 700 metres wide in places. The alteration zone is marked by extensive faulting and shearing as well as locally intense argillic alteration and limonite staining. A dike of pale buff to white felsite (rhyolite) is noted near the northwest corner of Fishpot #1 claim. A second dike of quartz feldspar porphyry also trending northeasterly is located in the east central part of Fishpot #2 claim.

Minor quartz veining is noted at several places in the zone of alteration, particularly near a centrally located, fault bounded draw (see location of samples FP-101, FP-102 and FP-104).

Here, intensely bleached and limonite-stained volcanics and sediments are cut by a set of narrow veinlets which strike southerly and dip moderately to the west. The veins vary from 1 to 6 cm in width and contain no sulphides although clots of iron oxides are common. At the location of the westerly outcropping felsite dike (sample GBR-228) quartz veins are somewhat wider and more irregular, however outcrops here are poorly exposed. Limonite is again present and minor pyrite, chalcopyrite and malachite were seen in one outcrop.

GEOCHEMISTRY

During reconnaissance prospecting of the alteration zone, a total of 60 soil samples and 41 rock samples were collected. All samples were analyzed for gold (by fire assay plus atomic absorption) and 30 elements by inductively coupled plasma spectroscopy (see Appendix C).

The number of samples is not large enough to do a statistical analysis so anomalous levels are estimated by inspection. Values for gold, silver, copper and arsenic in soils are plotted on Figure 455E-5.

Gold values are uniformly low even where significantly anomalous values were obtained in rock samples. For silver, background values are roughly 0.1 to 0.2 PPM. A cluster of anomalous values is located near the north end of the most westerly line of samples. Weakly anomalous copper values correlate with the higher silver values. Arsenic values generally vary from 10 to 30 PPM. Six arsenic values are in the 100 to 200 PPM range and generally correlate with areas of most intense alteration or quartz veining.

Rock samples show a much more dramatic contrast between background and anomalous values. Values for gold arsenic, copper and zinc in rocks are plotted on Figure 455E-6. Gold values of

less than 20 PPB are considered background. Of 41 samples collected, 17 were greater than 20 PPB with 6 being greater than 100 PPB. The highest value obtained was 1660 PPB (0.048 oz/ton). Background values in copper are usually 50 PPM or less. Nineteen samples returned values greater than 100 PPM with the highest value being 1414. A selected sample containing visible chalcopyrite returned 31,549 PPM Cu, 37.5 PPM Ag and 98,109 PPM As. Several of the samples returning anomalous copper also reported anomalous bismuth (highest value of 441 PPM correlated with sample returning 1414 PPM copper).

Arsenic values showed the strongest contrast with 11 of 41 samples assaying greater than 500 PPM. Outside of the selected sample (GBR-253), the highest values correlated with the areas of most intense argillic alteration. The two highest values obtained here returned 8431 PPM and 2180 PPM respectively.

In general, zinc values are fairly uniform. The two exceptions (1300 PPM and 3706 PPM respectively) are located at the northeast end of the area sampled.

EXPLORATION POTENTIAL

The Fishpot property covers a large northeasterly-trending alteration zone which has still not been defined to the northeast or southwest. The pattern of alteration as well as anomalous values in gold, base metals and high level elements (As, Bi, Ba) suggests some elements of a distal porphyry system. However, a younger volcanic event with associated epithermal precious metal mineralization represented by the felsic dikes may be superimposed on the older (?) porphyry system.

Further prospecting, mapping and geochemistry will be necessary to fully evaluate the property.

**APPENDIX "A"**

**PERSONNEL**

PERSONNEL

J. M. Dawson, P.Eng.  
8 days

Oct. 10, 11, 12/89  
Dec. 15/89  
May 9, 10, 11, 18/90

G. Belik, M.Sc.  
3 days

Sept. 16, 17 & 30/89

C. Campbell, B.Sc.  
7 days

Oct. 10, 12, 14, 15, 16,  
17, 18/89

**APPENDIX "B"**

**PROGRAMME COSTS**

PROGRAMME COSTS

Labour

J. M. Dawson, P.Eng.	
8 days @ \$400/day	\$ 3,200.00
G. Belik, M.Sc.	
3 days @ \$400/day	1,200.00
C. Campbell, B.Sc.	
7 days @ \$350/day	<u>2,450.00</u>
	\$ 6,850.00

Expenses and Disbursements

a) Truck Rental (3 trucks prorated)	1,424.60
b) Geochemical Analyses	1,362.65
c) Motel and Meals	742.73
d) Drafting and Base Map Preparation	496.20
e) Blueprints, xerox, telephone, secretarial, binding, stationery, etc.	<u>283.40</u>
Total Programme Costs	\$11,159.58
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**APPENDIX "C"**

**GEOCHEMICAL ANALYSES**

57 - 6206

## 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: P1-P2 ROCK P3 SILT P4 PAN-CONC. Au\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

*Getchell*  
374-2774  
828-226

DATE RECEIVED: SEP 26 1989 DATE REPORT MAILED: Oct 3/89 SIGNED BY... C.L. ...D.TOTE, C.LIANG, J.WANG; CERTIFIED B.C. ASSAYERS

EIGHTY-EIGHT RESOURCES LTD. File # 89-3903 Page 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	St	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	D	Al	Na	K	V	Au**				
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
✓ 89GBR-138	1	15	9	416	.1	3	6	1091	3.90	31	5	ND	1	18	24	2	2	10	1.96	.107	12	5	.33	139	.01	2	1.09	.02	.15	2	2				
✓ 89GBR-189	1	8	2	59	.2	15	6	1451	3.05	9	5	ND	1	24	1	2	2	7	2.37	.107	14	4	.23	89	.01	4	.68	.02	.16	2	6				
✓ 89GBR-190	2	110	4	313	.1	6	9	117	6.59	393	5	ND	1	6	12	3	2	7	.03	.115	12	1	.01	33	.01	3	.48	.01	.10	1	1				
✓ 89GBR-191	1	164	5	88	.1	19	18	876	5.39	120	5	ND	1	11	1	3	2	41	.26	.113	11	7	.07	112	.01	2	.69	.01	.10	1	3				
✓ 89GBR-192	1	95	2	108	.2	2	3	101	7.40	62	5	ND	1	7	2	2	22	5	.14	.087	4	1	.02	45	.01	14	.39	.01	.15	1	16				
✓ 89GBR-193	1	9	8	233	.1	1	7	1349	4.58	42	5	ND	1	17	3	4	3	9	.96	.115	12	3	.26	126	.01	8	1.06	.01	.15	1	9				
✓ 89GBR-194	5	79	16	1300	.3	7	12	1416	5.97	88	5	ND	1	7	9	3	4	8	.10	.065	4	5	.02	66	.01	3	.40	.01	.15	1	21				
✓ 89GBR-195	1	56	2	3706	.1	1	7	5376	9.69	572	5	ND	1	70	89	3	2	11	.29	.109	11	3	.02	127	.01	8	.52	.01	.19	1	10				
✓ 89GBR-196	1	22	8	68	.1	3	9	721	3.54	2	5	ND	1	35	1	2	2	40	6.69	.087	13	4	.33	86	.01	5	.92	.01	.11	2	2				
✓ 89GBR-197	1	44	10	126	.2	37	17	1491	7.48	6	5	ND	1	34	1	2	2	53	10.98	.115	11	12	.41	157	.01	2	1.10	.01	.10	1	5				
✓ 89GBR-198	1	42	2	70	.1	42	11	325	4.07	3	5	ND	1	7	1	2	2	45	.05	.022	2	28	.03	80	.01	2	.70	.01	.02	2	18				
✓ 89GBR-199	1	106	5	111	.1	33	21	1040	5.90	199	5	ND	1	11	2	6	3	54	.38	.156	11	9	.08	125	.01	3	.78	.01	.13	1	3				
✓ 89GBR-200	1	340	2	127	.2	24	14	461	9.00	2199	5	ND	1	15	2	2	15	52	.44	.153	9	13	.27	72	.01	6	.87	.01	.13	1	9				
✓ 89GBR-201	1	48	5	132	.1	11	12	1007	5.18	44	5	ND	1	13	3	2	3	16	.25	.114	12	2	.18	127	.01	6	.79	.01	.11	1	5				
✓ 89GBR-202	1	10	6	65	.1	5	5	2371	3.06	129	5	ND	1	11	2	3	2	7	.05	.039	11	1	.03	517	.01	2	.62	.01	.10	2	43				
✓ 89GBR-203	1	164	10	110	.1	6	17	2280	9.38	599	5	ND	1	24	2	2	24	25	.13	.122	9	5	.09	116	.01	2	.68	.01	.12	1	4				
✓ 89GBR-204	1	370	6	71	.6	2	7	818	6.39	1866	5	ND	1	12	2	6	157	11	.19	.076	11	1	.03	121	.01	2	.44	.01	.15	1	7				
✓ 89GBR-205	1	103	2	75	.1	5	4	765	4.46	123	5	ND	1	10	2	2	12	5	.06	.052	11	1	.01	112	.01	2	.40	.01	.16	1	11				
✓ 89GBR-206	1	47	6	161	.1	5	4	322	5.81	81	5	ND	1	10	2	2	2	8	.14	.093	11	1	.02	46	.01	9	.61	.01	.12	1	1				
✓ 89GBR-207	2	247	2	100	.3	3	5	1624	4.23	64	5	ND	1	13	5	2	3	5	.13	.079	10	1	.02	124	.01	16	.40	.01	.18	1	5				
✓ 89GBR-208	1	89	3	80	.1	2	9	659	7.92	55	5	ND	1	25	1	3	3	17	.14	.105	10	1	.02	43	.01	7	.54	.01	.11	1	4				
✓ 89GBR-209	1	19	2	93	.1	10	12	2250	4.04	122	5	ND	1	12	1	3	2	24	.07	.056	10	1	.03	248	.01	6	.62	.01	.12	1	3				
✓ 89GBR-210	1	75	4	216	.1	8	14	522	7.66	102	5	ND	1	13	3	2	2	25	.31	.147	11	4	.06	73	.01	2	.70	.01	.14	1	1				
✓ 89GBR-211	1	44	9	65	.1	9	7	1246	2.95	31	5	ND	1	10	1	3	15	.37	.161	12	1	.03	154	.01	4	.57	.01	.14	1	3					
✓ 89GBR-212	1	12	7	89	.1	8	9	554	3.79	37	5	ND	1	7	1	4	2	15	.14	.086	14	1	.03	86	.01	9	.63	.01	.13	1	4				
✓ 89GBR-213	1	65	4	314	.2	146	17	314	6.06	65	5	ND	1	6	5	2	3	70	.02	.032	12	19	.06	101	.01	11	.54	.01	.07	1	8				
✓ 89GBR-214	2	42	16	105	.4	84	8	87	1.40	33	5	ND	1	5	1	5	2	32	.06	.031	5	18	.02	59	.01	2	.30	.01	.07	1	4				
✓ 89GBR-215	1	69	4	302	.2	134	16	738	3.97	29	5	ND	1	16	3	2	2	47	.07	.048	11	22	.04	155	.01	4	.46	.01	.10	1	2				
✓ 89GBR-216	1	10	3	31	.1	5	4	230	1.57	10	5	ND	4	18	1	2	2	39	.28	.062	16	5	.12	51	.04	2	.49	.05	.11	1	5				
✓ 89GBR-217	2	11	2	44	.1	5	3	229	1.28	2	5	ND	8	13	1	2	2	35	.17	.035	11	4	.09	36	.04	3	.34	.04	.08	1	1				
✓ 89GBR-218	2	26	5	56	.1	23	13	2022	6.08	3	5	ND	3	29	1	2	2	59	.34	.077	17	24	.23	70	.04	8	.65	.04	.06	1	5				
✓ 89GBR-219	1	28	4	58	.1	5	6	315	2.17	24	5	ND	7	15	1	2	2	30	.08	.021	13	2	.05	95	.01	2	.99	.02	.06	1	1				
✓ 89GBR-220	1	15	5	29	.1	6	3	62	1.06	9	5	ND	9	16	1	2	2	21	.20	.037	11	4	.07	40	.01	2	.70	.02	.06	2	1				
✓ 89GBR-221	1	18	7	31	.1	5	5	318	1.11	6	5	ND	7	37	1	2	2	21	.35	.040	16	3	.14	46	.01	2	.35	.03	.05	3	3				
✓ 89GBR-222	1	17	6	57	.1	5	5	287	2.37	2	5	ND	9	20	1	2	2	43	.37	.088	20	5	.12	49	.02	2	.71	.04	.08	1	2				
✓ 89GBR-223	3	12	5	21	.1	4	2	64	.39	20	5	ND	8	74	1	2	2	25	.13	.038	18	8	.06	187	.02	7	.45	.03	.08	1	15				
STD C/AU-E	17	57	39	133	6.7	66	31	1040	6.16	42	19	7	37	47	18	16	24	58	.40	.092	38	55	.89	175	.07	36	1.97	.06	.14	12	670				

## EIGHTY-EIGHT RESOURCES LTD.

FILE # 89-3903

Page 2

SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Tb	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	V	As%
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM		
89GBR-224	4	15	13	33	.1	7	1	26	.96	25	5	ND	6	90	1	2	2	21	.11	.035	10	6	.05	206	.01	10	.35	.03	.09	2	15
89GBR-225	1	29	11	224	.2	18	29	915	11.07	3	5	ND	8	16	1	3	2	52	.09	.039	6	5	.07	45	.01	5	.36	.02	.06	1	16
89GBR-226	6	15	46	52	.2	9	6	1801	3.52	31	5	ND	3	20	1	2	2	40	.22	.062	12	9	.09	171	.03	5	.47	.03	.09	1	22
89GBR-227	6	9	29	120	.1	7	2	90	1.79	25	5	ND	2	24	1	2	2	31	.20	.060	13	5	.07	133	.03	4	.43	.04	.09	1	10
89GBR-228	4	515	13	155	1.6	4	9	71	6.59	505	8	5	4	5	15	3	113	12	.02	.013	11	2	.01	37	.01	5	.23	.01	.09	1	1650
89GBR-229	1	.43	15	52	.1	11	6	211	1.53	2	5	ND	5	22	1	2	2	15	.44	.037	19	15	.37	48	.01	6	.92	.02	.14	1	138
89GBR-230	1	122	15	58	.1	29	9	239	1.81	5	5	ND	4	32	1	2	2	14	1.65	.031	20	31	.79	40	.01	2	1.30	.01	.12	1	21
89GBR-231	5	0	22	23	3.3	9	1	29	1.32	152	5	ND	4	14	1	4	2	4	.03	.008	11	5	.01	76	.01	3	.18	.01	.25	1	159
89GBR-232	6	11	13	13	.2	8	1	72	.50	52	5	ND	4	3	1	2	2	2	.04	.010	8	4	.02	21	.01	2	.19	.01	.08	1	26
89GBR-233	1	50	16	43	.1	25	5	118	1.63	5	5	ND	3	15	1	2	2	14	.21	.038	16	29	.40	52	.01	2	.94	.01	.12	1	42
89GBR-234	1	20	14	32	.1	5	3	143	1.08	133	5	ND	3	14	1	2	2	5	.35	.047	24	2	.09	60	.01	2	.60	.01	.18	1	37
89GBR-235	1	34	15	53	.1	7	4	244	1.68	5	5	ND	4	24	1	2	2	13	.36	.054	24	4	.24	98	.01	2	.91	.02	.19	1	25
89GBR-236	1	65	21	233	.3	106	16	970	4.50	64	5	ND	1	5	5	3	2	73	.07	.058	10	27	.10	200	.01	2	.60	.01	.08	1	22
89GBR-237	1	10	6	55	.1	19	12	760	3.56	76	5	ND	4	44	1	2	4	53	1.60	.122	17	33	.62	39	.11	2	.53	.06	.07	1	9
89GBR-238	1	15	10	33	.1	15	6	161	3.28	13	5	ND	5	49	1	2	2	41	.59	.141	23	21	.15	37	.09	8	.67	.06	.10	1	32
89GBR-239	1	16	11	116	.2	131	32	3013	2.51	5	5	ND	1	105	2	3	2	38	5.32	.023	7	47	2.50	1527	.02	18	.42	.01	.08	1	16
89GBR-240	4	80	9	214	.3	17	9	1378	4.63	17	5	ND	1	44	1	2	2	89	.88	.067	4	15	1.00	43	.06	3	2.17	.11	.11	1	2
89GBR-241	9	31	8	109	.4	12	5	422	3.24	24	5	ND	1	47	1	3	2	37	1.14	.042	4	11	.77	58	.04	3	2.39	.18	.33	1	11
89GBR-242	1	2	19	18	.1	4	1	311	.50	2	5	ND	10	4	1	2	2	1	.03	.009	25	3	.02	46	.01	8	.27	.02	.10	1	6
89GBR-243	5	12	14	41	.1	11	3	184	3.01	33	5	ND	5	15	1	2	2	10	.19	.043	19	6	.10	184	.01	2	.77	.02	.14	1	16
89GER-244	2	7	11	15	.1	6	2	315	.81	4	5	ND	5	20	1	2	5	5	.31	.024	18	3	.03	310	.01	2	.28	.02	.12	1	12
89GBR-245	2	8	16	50	.1	10	6	567	1.72	4	5	ND	4	54	1	2	2	8	.86	.023	17	5	.24	593	.01	2	.74	.02	.10	1	2
89GBR-246	2	1	8	7	.1	4	1	236	.45	2	5	ND	7	4	1	2	2	2	.02	.006	25	2	.01	44	.01	2	.30	.03	.10	1	11
89GBR-247	3	2	18	15	.1	3	1	71	.24	11	5	ND	8	9	1	2	2	1	.08	.005	21	2	.01	110	.01	2	.27	.02	.11	1	6
89GBR-248	3	6	5	23	.1	6	1	174	1.05	2	5	ND	5	6	1	2	2	7	.07	.015	11	4	.05	44	.01	8	.27	.02	.09	1	6
89GBR-249	1	1	5	8	.1	3	1	132	.50	3	5	ND	5	3	1	2	2	1	.01	.008	18	1	.01	55	.01	2	.37	.01	.18	1	10
89GBR-250	1	3	11	37	.1	4	5	505	.65	9	5	ND	4	4	1	2	2	2	.18	.013	6	3	.11	40	.01	2	.74	.01	.10	1	4
89GBR-251	1	1	4	19	.1	3	1	257	.57	3	5	ND	5	4	1	2	2	1	.43	.018	14	4	.02	27	.01	2	.30	.01	.15	1	4
89GBR-252	4	51	14	52	.2	18	12	799	4.25	12	5	ND	1	39	1	2	2	37	1.92	.054	3	19	.90	30	.01	4	1.82	.06	.08	1	11
89GBR-253	8	31549	13	102	37.5	3	3	68	10.65	9809	5	ND	1	83	10	50	393	23	8.24	.199	2	11	.01	82	.01	4	.25	.02	.02	1	853
STD C/AU-R	17	57	44	132	6.7	68	21	1042	4.11	44	20	7	37	47	18	15	19	57	.48	.092	38	57	.98	174	.07	32	1.97	.06	.14	12	490

✓ Assay Recommended,

## GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3:1:2 HCL-HNO<sub>3</sub>-H<sub>2</sub>O 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: P1 ROCK P2-P3 SOIL Au\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 18 1989 DATE REPORT MAILED: Oct 26/89 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Eighty-Eight Resources Ltd. File # 89-4365 Page 1

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
FP-101	3	251	3	80	.2	8	13	2114	8.26	130	5	ND	2	42	2	10	2	14	.02	.060	10	5	.03	313	.01	4	.53	.01	.26	1	6
FP-102	2	1414	14	106	.4	27	27	260	15.36	8431	5	ND	2	29	5	29	441	103	.32	.102	4	19	.06	79	.01	2	.34	.01	.10	1	114
FP-103	1	311	4	124	.2	24	23	1482	6.46	640	5	ND	1	19	3	9	9	37	.19	.089	11	13	.30	153	.01	2	.78	.01	.17	1	16
FP-104	1	739	4	179	.1	39	20	1632	8.99	640	5	ND	2	20	3	7	96	51	.17	.105	9	23	.64	104	.01	2	1.33	.01	.37	1	27
FP-105	1	46	3	186	.1	149	15	806	2.65	90	5	ND	1	34	2	11	2	57	5.60	.026	4	44	.14	658	.01	2	.45	.01	.03	1	42
FP-106	2	129	47	372	.3	119	23	1009	4.92	80	5	ND	2	10	8	3	2	105	.37	.072	13	51	1.15	201	.01	2	1.89	.01	.10	1	9
FP-107	3	35	6	102	.1	62	11	367	3.25	96	5	ND	2	4	1	11	2	32	.04	.026	8	25	.02	139	.01	3	.40	.01	.10	1	34
FP-108	1	81	3	197	.2	73	14	613	4.14	120	5	ND	2	7	2	20	2	37	.01	.033	9	16	.04	142	.01	8	.44	.01	.08	1	5
FP-109	1	51	4	145	.1	123	15	562	2.74	121	5	ND	2	6	2	2	31	.01	.026	10	21	.03	94	.01	2	.34	.01	.08	1	13	
FP-110	3	90	8	90	.2	95	15	364	6.20	19	5	ND	3	96	1	4	2	33	.02	.064	11	153	.60	98	.01	4	1.47	.02	.11	1	9
FP-111	2	40	2	100	.2	10	2	94	.59	83	5	ND	6	5	1	2	2	3	.02	.005	12	7	.03	64	.01	5	.27	.01	.11	1	31
FP-112	4	236	2	79	.2	8	3	138	4.07	690	5	ND	5	7	9	3	2	17	.02	.010	16	6	.02	103	.01	5	.25	.01	.15	1	522
FP-113	3	395	6	77	.1	4	5	59	3.14	116	5	ND	6	9	3	2	17	9	.26	.013	12	4	.01	56	.01	2	.27	.02	.08	2	35
FP-114	7	472	2	35	.2	7	3	119	3.11	270	7	ND	7	13	1	2	3	2	.21	.009	28	3	.02	220	.01	2	.29	.01	.19	1	51
FP-115	6	19	2	60	.2	14	1	226	.68	19	5	ND	6	4	1	2	2	2	.02	.007	10	6	.02	54	.01	3	.38	.01	.10	1	42
FP-116	1	65	6	219	.1	193	15	967	4.00	53	5	ND	2	9	1	2	2	117	.14	.041	6	131	2.63	393	.05	4	3.01	.01	.46	1	1
FP-117	5	129	2	135	.1	29	10	460	5.11	92	5	ND	1	37	2	29	2	10	.07	.069	11	5	.02	74	.01	7	.46	.01	.17	1	2
FP-118	3	388	4	50	.1	14	4	537	5.89	336	5	ND	1	6	1	8	2	16	.10	.076	11	11	.13	69	.01	4	.46	.01	.16	1	15
FP-119	4	221	7	167	.5	15	23	17165	9.10	625	7	ND	2	74	2	7	2	27	.16	.117	10	4	.21	717	.01	2	.78	.01	.21	1	3
FP-120	2	47	3	112	.1	39	3	340	3.29	35	5	ND	1	3	1	2	2	35	.01	.013	8	56	.62	64	.01	3	1.30	.01	.10	1	12
FP-121	1	73	5	129	.1	11	12	827	5.71	69	5	ND	1	13	1	10	2	40	.27	.131	10	6	.05	86	.01	2	.70	.01	.08	1	27
FP-122	1	27	3	91	.2	8	15	863	5.42	42	5	ND	1	13	1	3	2	23	.33	.158	12	3	.13	112	.01	4	.84	.01	.12	1	4
FP-123	1	73	17	257	.2	92	14	522	3.65	26	5	ND	2	7	3	4	2	37	.16	.064	15	35	.34	126	.01	9	.81	.01	.16	2	6
FP-124	1	42	7	178	.1	51	16	779	6.26	83	5	ND	1	4	2	8	2	79	.03	.064	8	33	.03	62	.01	2	.64	.01	.07	1	6
STD C/AU-R	17	59	38	132	7.0	68	29	1028	3.63	42	16	7	36	47	17	16	20	58	.46	.091	38	54	.83	172	.06	34	1.75	.06	.14	12	490

C, As,

## Ziggy-Eigne Resources Ltd.

FILE # 89-4365

Page 2

SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Au <sup>9</sup>
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM								
89CCS-1	1	36	6	441	1.0	212	19	961	4.00	2	5	ND	1	15	5	3	2	120	.24	.091	3	179	2.67	232	.09	7	4.53	.01	.06	2	5
89CCS-2	1	39	8	271	.8	132	16	386	3.95	9	5	ND	1	17	2	2	2	99	.17	.079	4	103	1.56	138	.14	7	3.99	.01	.04	3	4
89CCS-3	1	46	11	376	1.5	264	22	689	4.83	8	5	ND	1	13	2	2	2	136	.19	.067	2	325	3.56	160	.11	5	5.47	.01	.04	1	3
89CCS-4	1	76	14	291	1.2	162	15	441	4.25	37	5	ND	1	14	2	2	2	157	.14	.064	4	133	1.58	223	.07	6	4.67	.01	.05	2	4
89CCS-5	1	102	4	302	1.1	140	22	894	5.08	84	5	ND	1	22	2	5	2	113	.32	.058	3	75	2.98	378	.18	7	7.25	.01	.08	1	4
89CCS-6	1	107	17	246	.8	133	20	552	4.34	115	5	ND	1	26	3	2	2	113	.40	.095	3	116	1.55	160	.15	6	5.66	.01	.07	1	5
89CCS-7	1	33	4	595	1.2	160	22	1464	3.86	23	5	ND	1	22	7	2	3	101	.36	.160	4	112	1.67	341	.08	8	3.36	.01	.06	1	1
89CCS-8	1	64	2	324	.8	49	13	905	4.30	21	5	ND	1	13	2	2	2	83	.21	.104	4	50	1.22	263	.02	2	3.09	.01	.02	1	2
89CCS-9	1	50	5	394	.1	186	17	555	3.72	30	5	ND	1	13	2	2	2	106	.22	.068	4	113	1.80	218	.09	6	3.23	.01	.05	1	1
89CCS-10	10	40	14	435	.1	192	23	1230	5.17	154	5	ND	1	9	2	4	2	124	.24	.074	8	79	.91	289	.06	2	2.25	.01	.06	1	3
89CCS-11	1	78	11	384	.6	161	25	808	4.45	18	5	ND	1	13	1	3	3	95	.17	.067	2	123	2.44	366	.10	2	4.74	.01	.11	3	1
89CCS-12	5	56	11	194	.6	140	19	552	4.40	37	5	ND	1	18	2	2	2	80	.38	.024	8	94	1.70	199	.02	6	3.30	.01	.05	1	2
89CCS-13	2	26	7	234	.3	72	14	369	3.04	12	5	ND	1	15	1	2	2	61	.19	.064	8	49	.72	158	.06	2	1.96	.01	.05	1	1
89CCS-14	1	25	10	199	.2	76	12	661	3.25	8	5	ND	1	14	1	2	2	59	.16	.083	7	45	.63	142	.11	2	2.67	.01	.04	1	3
89CCS-15	1	38	8	205	.1	102	13	269	4.04	11	5	ND	1	12	1	2	3	71	.14	.097	7	53	.76	126	.11	3	2.79	.01	.04	1	3
89CCS-16	1	61	9	172	.1	95	11	281	3.34	10	5	ND	1	13	1	2	2	60	.17	.074	10	51	.84	109	.05	5	2.04	.01	.04	2	4
89CCS-17	1	30	7	174	.1	87	14	375	3.46	7	5	ND	1	13	2	2	2	59	.16	.152	8	44	.59	145	.09	3	2.35	.01	.04	1	1
89CCS-18	1	34	15	201	.1	109	13	981	3.15	26	5	ND	1	22	2	3	2	46	.32	.086	12	38	.61	378	.03	3	1.79	.01	.08	1	1
89CCS-19	1	41	7	176	.1	102	16	373	3.58	10	5	ND	1	13	1	2	2	45	.20	.060	12	40	.84	145	.02	3	1.96	.01	.08	1	2
89CCS-20	1	36	15	213	.1	114	16	679	3.47	6	5	ND	1	21	2	2	2	48	.34	.079	12	50	1.08	203	.04	4	2.22	.01	.09	1	1
89CCS-21	11	63	58	514	.4	149	32	1551	4.49	38	5	ND	1	33	10	4	2	49	.41	.134	13	62	1.07	362	.01	2	1.91	.01	.06	1	3
89CCS-22	33	30	14	228	.1	84	13	1037	2.95	36	5	ND	1	11	2	3	2	57	.13	.090	8	43	.61	221	.06	6	1.82	.01	.03	1	1
89CCS-23	1	18	11	244	.1	70	12	503	2.83	5	5	ND	1	10	2	2	2	55	.14	.180	7	49	.71	143	.06	2	2.16	.01	.04	1	3
89CCS-24	1	41	5	173	.1	91	13	360	3.58	18	5	ND	1	15	1	2	2	68	.16	.092	8	57	.87	157	.07	2	2.45	.01	.04	1	2
89CCS-25	1	35	4	179	.1	92	14	575	3.22	17	5	ND	1	15	1	2	2	62	.15	.086	8	53	.76	137	.09	2	2.08	.01	.04	1	1
89CCS-26	1	21	9	141	.1	77	14	710	3.03	28	5	ND	1	13	1	2	3	57	.12	.071	7	49	.48	103	.07	3	1.76	.01	.02	1	1
89CCS-27	1	35	13	221	.1	95	12	455	3.11	10	5	ND	1	13	1	2	2	60	.16	.076	8	51	.77	160	.07	2	2.02	.01	.04	1	2
89CCS-28	2	22	15	282	.1	85	12	881	2.60	6	5	ND	1	22	3	2	2	53	.17	.067	8	43	.56	241	.07	2	1.80	.01	.04	1	1
89CCS-29	1	21	8	238	.2	85	12	892	2.65	9	5	ND	1	15	2	3	2	53	.16	.101	8	44	.56	162	.08	2	2.06	.01	.03	1	1
89CCS-30	1	17	11	222	.1	70	12	447	2.49	5	5	ND	1	12	2	2	2	52	.17	.103	6	39	.52	166	.09	2	1.89	.01	.04	1	1
89CCS-31	1	26	6	168	.1	72	11	256	3.16	9	5	ND	1	16	1	2	2	56	.21	.090	7	46	.66	108	.10	2	2.21	.01	.03	1	2
89CCS-32	2	33	14	169	.1	77	14	426	2.76	10	5	ND	1	15	2	2	2	54	.20	.055	9	47	.74	121	.08	2	1.92	.01	.03	1	3
89CCS-33	1	40	7	172	.1	75	13	361	3.81	7	5	ND	1	13	1	2	2	69	.17	.152	7	47	.62	121	.14	2	1.87	.01	.04	1	3
89CCS-34	3	47	11	194	.1	96	12	377	3.83	25	5	ND	1	16	2	2	2	65	.21	.134	9	54	.79	85	.09	2	1.83	.01	.03	1	1
89CCS-35	1	28	6	220	.3	75	14	946	3.38	15	5	ND	1	22	2	2	2	59	.25	.203	7	44	.51	166	.09	3	2.12	.01	.04	1	2
89CCS-36	1	54	19	280	.1	127	16	1779	3.73	10	5	ND	1	30	5	2	2	65	.31	.144	9	46	.63	337	.08	2	2.25	.01	.04	1	1
STD C/AU-S	18	62	41	133	7.6	71	31	1030	6.19	41	21	8	36	47	19	15	20	59	.48	.100	36	59	.88	174	.06	35	2.07	.06	.13	11	48

## Zinc-Eleme... Resources Ltd.

File # 436

Page 3

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 %	V PPM	Alu <sup>a</sup> PPM
89CCS-37	2	66	12	313	.1	162	20	1523	4.23	20	5	ND	2	29	3	3	2	69	.24	.143	14	43	.54	262	.05	2	1.57	.01	.07	1	2
89CCS-38	1	79	10	271	.1	110	19	1459	4.83	26	5	ND	2	38	3	3	2	65	.61	.147	13	38	.67	433	.03	2	1.97	.01	.11	1	3
89CCS-39	1	67	10	147	.1	66	24	1727	4.90	11	5	ND	2	21	1	2	2	71	.71	.070	15	44	1.08	268	.06	2	2.96	.01	.11	3	1
89CCS-40	1	20	6	215	.1	45	12	515	3.84	2	5	ND	3	29	1	2	2	65	.47	.293	8	44	.40	229	.18	2	2.47	.01	.09	1	2
89CCS-41	1	36	11	284	.1	89	15	353	4.62	16	5	ND	4	23	1	2	2	78	.34	.242	8	53	.46	184	.19	2	3.21	.01	.08	1	1
89CCS-42	1	40	5	172	.1	86	12	253	3.55	14	5	ND	2	18	1	2	2	65	.22	.066	10	51	.72	124	.11	2	2.25	.01	.04	1	3
89CCS-43	1	16	7	192	.1	63	13	294	3.17	9	5	ND	2	14	1	2	2	59	.15	.107	9	39	.42	101	.10	2	1.89	.01	.04	1	2
89CCS-44	1	43	8	189	.1	93	11	251	3.56	29	5	ND	3	17	1	2	2	65	.19	.051	11	53	.72	83	.08	2	1.66	.01	.04	1	3
89CCS-45	1	29	7	198	.2	64	13	806	2.85	17	5	ND	2	21	2	2	2	55	.18	.078	13	43	.45	143	.06	4	1.54	.01	.04	1	1
89CCS-46	1	23	7	205	.2	72	13	411	3.17	10	5	ND	3	20	1	2	2	59	.24	.107	9	41	.52	116	.13	2	2.14	.01	.06	1	1
89CCS-47	1	26	6	171	.2	69	12	428	3.03	10	5	ND	2	16	1	2	2	59	.18	.107	8	43	.52	111	.12	2	1.86	.01	.04	1	1
89CCS-48	1	9	13	173	.1	51	11	372	2.78	7	5	ND	2	16	1	2	2	59	.18	.089	8	37	.39	100	.12	2	1.67	.01	.05	1	1
89CCS-49	2	26	11	247	.1	48	26	799	3.48	21	5	ND	1	22	5	2	5	68	.20	.066	11	42	.27	175	.09	2	1.48	.01	.04	1	3
89CCS-50	1	27	7	240	.1	74	14	662	3.19	11	5	ND	1	25	1	2	2	64	.28	.124	8	49	.73	177	.08	2	2.15	.01	.06	1	2
89CCS-51	2	16	9	211	.1	11	13	6757	2.81	46	5	ND	2	15	2	2	2	31	.23	.128	15	12	.18	248	.01	2	1.69	.01	.11	1	1
89CCS-52	1	71	7	264	.1	39	17	1830	7.26	216	5	ND	2	39	2	11	2	68	.48	.157	10	20	.18	241	.01	2	1.01	.01	.11	1	3
89CCS-53	1	110	2	163	.1	19	8	655	6.49	249	5	ND	3	22	1	3	2	49	.19	.086	11	13	.69	102	.03	3	1.72	.01	.35	1	4
89CCS-54	1	22	10	129	.1	52	11	660	3.70	15	5	ND	2	20	1	2	2	73	.23	.050	9	42	.47	121	.13	5	2.03	.01	.06	1	2
89CCS-55	1	40	9	151	.1	55	12	754	3.97	25	5	ND	2	19	1	3	2	68	.23	.128	10	45	.48	196	.11	2	2.06	.01	.04	1	5
89CCS-56	1	17	9	253	.1	56	12	1179	3.26	10	5	ND	2	20	2	2	2	59	.23	.158	9	36	.39	158	.11	3	2.01	.01	.06	1	1
89CCS-57	1	18	13	247	.1	52	11	1113	3.30	4	5	ND	3	26	2	2	2	57	.32	.212	9	32	.36	229	.12	5	2.02	.01	.09	1	3
89CCS-58	1	16	14	266	.1	51	12	851	3.28	2	5	ND	3	21	1	2	6	57	.29	.155	8	34	.38	258	.12	3	1.89	.01	.07	1	3
89CCS-59	1	18	8	191	.1	52	11	775	2.89	6	5	ND	2	19	1	2	2	57	.32	.064	8	35	.41	205	.11	2	1.65	.01	.06	1	4
89CCS-60	1	18	14	143	.1	46	9	477	3.10	11	5	ND	1	22	1	2	2	62	.29	.057	8	39	.44	153	.14	2	1.46	.01	.05	1	4
STD C/AU-S	17	58	40	132	7.0	66	29	1029	3.82	41	17	6	37	47	17	15	20	58	.46	.090	38	55	.82	175	.06	33	1.72	.06	.14	11	51

**APPENDIX "D"**

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**APPENDIX "E"**

**WRITER'S CERTIFICATE**

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**CERTIFICATE**

I, JAMES M. DAWSON of Vancouver, British Columbia do hereby certify that:

1. I am a geologist employed by Dawson Geological Consultants Ltd. of Suite 203, 455 Granville Street, Vancouver, B.C., V6C 1T1
2. I am a graduate of the Memorial University of Newfoundland, B.Sc. (1960), M.Sc. (1963), a fellow of the Geological Association of Canada and a member of the Association of Professional Engineers of British Columbia. I have practised my profession for 27 years.
3. I am the author of this report which is based on an exploration programme carried out under my supervision during the 1989 field season.

**DAWSON GEOLOGICAL CONSULTANTS LTD.**

*James M. Dawson*  
James M. Dawson, P.Eng.

Vancouver, British Columbia  
May 18, 1990

