District G	Geologist, Victoria Off Confidential: 89.03.03
ASSESSMENT	REPORT 17400 MINING DIVISION: Alberni
PROPERTY:	Dom
LOCATION:	LAT 49 02 24 LONG 125 28 36 UTM 10 5434638 318997 NTS 092F03W
CLAIM(S):	Dom,Tert 4-5
OPERATOR (S	5): Aintree Res.
AUTHOR(S):	Henneberry, R.T.
REPORT YEA	AR: 1988, 31 Pages
COMMODITIE	18 JOD: Cald Cilman I dia.
SEARCHED E	COR: GOId, Silver, Lead, Zinc
GEOLOGICAL	u Tortiary guarte digrito intrudog Ariagnie Aughaine liesetges and
SOMMAL ?	Jurassic Bonanza volcanics – Pogional choar (fault ganage transport the
	property at 020 degrees or 340 degrees dipping 70 degrees east
	Anomalous gold values occur within these zones, primarily within
	the Tertiary intrusives.
WORK	
DONE:	Geochemical
	ROCK 51 sample(s);ME
	Map(s) = 2; Scale(s) = 1:25,000,1:10,000
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DOM GROUP

**1987 EXPLORATION PROGRAM** 

ASSESSMENT REPORT

Alberni Mining Division NTS Sheet : 92 F 3

Owner:

Geo P.C. Services Inc 13-1155 Melville Street Vancouver, British Columbia

FILMED

Operator:

Aintree Resources Limited 13-1155 Melville Street Vancouver, British Columbia ASSESSMENT REPORT



R.Tim Henneberry, FGAC Consulting Geologist May 01, 1988

## SUMMARY

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The Dom Group comprises part of Aintree Resources Limited's 121 claim unit Epic Property, located in the Alberni Mining Division, British Columbia. The Epic Property hosts several regional ( < 1 kilometre) shear fault zones of suspected Tertiary age. Three of these zones host concentrations of anomalous (100 to 900 parts per billion) gold values in crushed vein / shear zones within and splaying from the zones. Intense alteration within one of these two zones suggests they were major hydrothermal conduits. The geological setting, combined with the anomalous gold values suggest economic concentrations of gold could be associated with these zones.

The Dawley Shear Zone, one of the three auriferous zones, lies on the Dom Group. \$5100 of the total \$90,000 exploration program was completed on the claims of the Dom group. This \$5100 program consisted of geological sampling over the three claims.

Further exploration, consisting primarily of hand trenching and blasting of the Dawley Shear Zone. Diamond drilling is contingent on favorable results from the trenching / blasting program.

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#### INTRODUCTION

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Aintree Resources Limited's Epic Property lies immediately south and east of Kennedy Lake in the Alberni Mining Division of Vancouver Island, 14 road kilometres northeast of Ucluelet. The property hosts regional hydrothermally altered shear zones anomalous in precious metals. Potential economic concentrations of gold mineralization could be located in epithermal shear / vein zones within or proximal to an Eocene quartz diorite stock, intruding into sediments and volcanics of the Vancouver and Bonanza Groups. The geological setting is remarkably similar to that of Zeballos approximately 150 kilometres further up the coast.

An exploration program of prospecting and sampling was initiated on the claims of the Dom Group to test for structures similar to the Switchback Shear Zone on the Pym 2 claim contiguous to the west.

The purpose of this report is to document this part of the complete exploration program for assessment purposes.



## LOCATION, ACCESS

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> The Epic Property is located immediately east and south of Kennedy Lake, on the west coast of Vancouver Island (Figure 1). Ucluelet is the nearest settlement, 14 road kilometres to the southwest. Access is provided by the Alberni - Tofino Highway (#4), bordering the northwest corner of the claim group. Extensive logging in the claim area has resulted in an excellent network of logging roads, accessing all parts of the claim block.

> Topography is comprised of a series of peaks and valleys, the highest of which is Salmonberry Mountain, at 725 metres above sea level. This ranges to 40 metres above sea level on the coastal plain on the north and west sides of the block. Precipitous cliffs are found on the north and west sides of Salmonberry Mountain and the west side of Mount Dawley. Elsewhere foot traverses are quite feasible.

> Much of the claim block lies in an active logging area, resulting in only selected stands of timber remaining at the highest elevations. Lower slopes are poorly to completely overgrown with alders, resulting in local areas of the claims being difficult to traverse.

> A large percentage of road work cuts bedrock, indicating overburden is relatively shallow.



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# PROPERTY HOLDINGS (Figure 2)

The Epic property consists of the following mineral claims, all held by location:

Claim	Number Units Record Date		d Date	Annivers	ary Date	
DOM	2957	12	July	7,1986	July	7,1989
Tert 4	2512	15	March	3,1985	March	3,1989
Tert 5	2513	18	March	3,1985	March	3,1989

All claims are under option to Aintree Resources Ltd from the owner Geo P.C. Services Inc. of Vancouver.



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## HISTORY

Beach and creek placer gold was originally documented on the west coast of Vancouver Island at the turn of the century. Follow-up to the source originated in the discovery of most of the known Gold Camps on the west coast including Kennedy River, Bedwell River and Herbert Arm (Figure 3).

Exploration began on the Epic Property in the late 1970's with the discovery of anomalous gold in creeks draining the claim group. B.P. Minerals carried out an exploration program of geological mapping combined with soil, silt and rock geochemistry directed at locating a low grade bulk tonnage gold deposit (of the Carlin or Cinola type). Two auriferous shear hosted sulfidealteration zones were located, the Mowgli (M-6) and the Epic (Main). The Mowgli showing is not on the present claim group.

Aintree Resources Limited acquired the property and conducted a preliminary exploration program in 1986. This program consisted of geological mapping and sampling, as well as soil geochemistry and geophysics for both low grade, bulk tonnage deposits and shear hosted deposits. A regional hydrothermal structure, the Switchback Shear Zone, was discovered. Several linear gold soil anomalies were located in the footwall and in the hanging wall of the Switchback Shear Zone.

A follow-up program was recommended including diamond drilling and soil geochemistry. This report documents the recommended program.

## REGIONAL / PROPERTY GEOLOGY (Summarized from Muller, 1986)

The Kennedy Lake area lies near the northwest - trending contact between the West Coast crystalline complex and volcanic and sedimentary rocks of various ages (Figure 3). The area is underlain by mainly volcanic and plutonic, together with minor sedimentary rocks of Paleozoic, Mesozoic and Tertiary age.

The oldest rocks in the area, a heterogeneous assemblage of generally dioritic to quartz dioritic composition, are part of the Paleozoic and / or Mesozoic West Coast Complex. Considerable debate exists on the exact age, as Muller believes these rocks represent assimilated Sicker and Vancouver Group rocks, and are more likely Jurassic in age, related to the Island Intrusions. These rocks cover much of the eastern half of the claim block, and also lie immediately to the west of the block (Figure 4).

The Karmutsen Formation forms the base of the Triassic Vancouver Group. Karmutsen rocks are tholeiitic basalts occurring as pillows, pillow breccias, aquagene tuffs and thick, commonly amygdaloidal flows. Karmutsen Formation rocks have not been documented on the claim group.

The Quatsino and Parsons Bay Formations make up the remainder of the Vancouver Group. Quatsino rocks are massive limestones, while Parsons Bay rocks are bedded silty limestone and siltstone. These sediments underlie the north and northwest part of the claim block.

Bonanza Group rocks, of early Jurassic age, overlie Vancouver Group rocks. Bonanza volcanics consist of flows, tuffs and breccias, ranging from basalt to rhyodacite in composition. Bonanza volcanics underlie several parts of the claim block.

Equigranular, medium to coarse grained biotite - hornblende quartz diorite and granodiorite make up the early to middle Jurassic Island Intrusions. Contacts with Triassic sediments and Bonanza volcanics are generally marked by a zone of intertonguing at the contact. Island intrusions were mapped to the north of the claim group.

Tertiary volcanics, consisting of welded tuffs, breccias, basaltic tuff and rhyodacite tuff, form the Lost Shoe Formation. Muller believes these rocks may be related to the Tertiary intrusive. The Lost Shoe Formation outcrops at higher elevations on the west side of the claim block.

Tertiary stocks and dykes are noted throughout the Kennedy Lake area. They are generally linked as the Eocene Catface Intrusions, and have been documented as far to the north as Zeballos. Eocene intrusions are generally quartz dioritic to quartz monzonitic in composition. Contacts are generally sheared or faulted. The north central part of the claim block is underlain by an Eocene intrusion, the Paradise Creek Stock. Structurally, the area is dominated by two primary shear directions, 020 degrees and 160 degrees. Muller believes these high angle faults are more or less coincident with Tertiary volcanism as the Lost Shoe volcanics are offset by the faults.

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## 1987 / 1988 PROGRAM

Prospecting and sampling was undertaken over the Dom, Tert 4 and Tert 5 claims. One significant structure, the Dawley Shear Zone was discovered during the prospecting program. A second structure, the Arsenic Vein was discovered immediately south and east of the Tert 4 claim. 19 samples were taken from the Dawley Shear Zone, 5 were taken from the Arsenic Vein and 27 were taken from the remainder of the claim group.

#### Property Prospecting

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Prospecting was initiated over the Tert 4, Tert 5 and Dom claims. The breakdown of the 27 samples taken is : DOM 22 samples, Tert 4 - 3 samples and Tert 5 - 2 samples. (Figure 6).

Limonite stained shear gouge zones were the primary target. The structures displayed varying degrees of chloritic, argillic and silicic alteration. Dominant structural trends are 010 degrees + 10 degrees dipping 70 E to vertical and 340 degrees + 10 degrees dipping 70 E to vertical.

The Tertiary quartz diorite intrusive hosts 23 of the 27 shears sampled, accounting for better than 85 percent of the samples taken. The 4 remaining sampled shear zones are found within the numerous acidic with lesser mafic dykes intruding the claim group.

Visible sulfide mineralization is seldom noted in the shear zones. Weathered sulfides vugs are noted in the foot wall and hanging wall of the zones approximately 50 percent of the time. Gold geochemical results range from 1 to 790 parts per billion, with 15 per cent of the samples returning values in excess of 100 parts per billion. All anomalous shear zone values were obtained from zones within the quartz diorite.

Two important mineralized showings were mapped and/or sampled in detail during the program, the Dawley Shear Zone and the Arsenic Vein.

#### Dawley Shear Zone

The Dawley Shear Zone (Figure 7), exposed in three rock cuts on the north face of Mount Dawley, consists of a 2 to 3 metre wide alteration gouge zone striking 020 degrees and dipping 70 degrees E. The Dawley Shear Zone lies on the DOM claim.



Tertiary quartz diorite hosts the shear zone / fault. Alteration within the intrusive consists of fracture chlorite and clays, chloritic and argillic alteration of the feldspar and fracture limonite. Intensity of alteration is increased as the shear zone is approached.

Within the fault, alteration consists of sericite, chlorite, bleaching and limonite. Argillization, combined with fault movement has produced several lenses of gouge with the well brecciated structure. As with the Switchback Shear Zone and the Parallel Shear Zone sulfide mineralization is not noted within the Dawley Shear Zone. Limonite and oxidized sulfide vugs have been noted within lenses in the shear zone.

Gold geochemistry ranges from 2 to 1340 parts per billion, with 11 of the 19 samples taken returning results in excess of 100 parts per billion. Strike continuity is indicated by the three outcrop exposures over a distance of 50 metres.

#### Arsenic Vein

The Arsenic Vein (Figure 8), consisting of lenses of quartz on the contacts of a 30 to 40 centimetre wide dacite dyke striking 032 degrees and dipping 68 degrees west, is exposed in a creek bottom on on the Tert 5 claim. Blasting opened up the structure along a strike length of 10 metres. Sampling along the exposed strike cannot be undertaken until low water, as the vein lies at the bottom of the creek.

Contact related quartz pods and lenses range in width from 1 to 5 centimetres. Alteration consists of chlorite and lesser epidote within the dyke and along the vein contacts. Limonite staining is associated with the mineralized sections of the quartz lenses, where arsenopyrite concentrations to 15 percent have been noted.

Due to the water conditions only five samples were taken. The best value returned was 770 parts per billion gold. Arsenic values are in the order of 2.5% to 3.5%.

#### DISCUSSION

Crushed shear vein zones, anomalous in gold, were identified on the claims contiguous to the Dom Group during the original 1986 exploration program (Henneberry, 1986). The Dom Group was prospected for similar structures with encouraging results. Further exploration of the property, concentrated on the known areas of sub-economic gold mineralization is warranted based on the results to date. The property prospecting located the Dawley Shear Zone.

Significant gold values to 1340 parts per billion gold were obtained from the Dawley Shear Zone and values to 770 parts per billion gold were obtained from the Arsenic Vein. Hand trenching and blasting should be initiated to evaluate and test the strike extensions of these structures. Follow up diamond drilling depends on the trenching results.

## CONCLUSIONS AND RECOMMENDATIONS

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Although economic concentrations of gold mineralization were not located by the recently completed 1987-1988 exploration program, further exploration is very much warranted on the Epic Property. Though the bulk of the exploration will be concentrated on other claims of the Epic Property, follow up trenching and blasting is recommended for the Dawley Shear Zone and the Arsenic Vein.

## STATEMENT OF COSTS

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- Jane 1 Personnel B. Dynes 10 days at \$200 2000.00 R.T. Henneberry 2 days at \$250 500.00 Analysis 51 samples at \$11.25 per 573.75 Accommodation 12 days at \$30 360.00 Meals 250.00 Transportation 12 days at \$40 480.00 Ferry 82.00 Documentation R.T. Henneberry 2 days at \$250 Drafting 15 at \$20 500.00 300.00 Reproduction 60.00 \_\_\_\_\_ TOTAL COST 5105.75

#### REFERENCES

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Hoffman,S.J. (1981). Geological and Geochemical Assessment of the Mowgli 1 - 6 Claims. B.P. Minerals Limited private report.

Muller, J.E. (1977). Geology of Vancouver Island. Geological Survey of Canada Open File Map 463.

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Stevenson, J.S. (1950). Geology and mineral deposits of the Zeballos Mining Camp, British Columbia. British Columbia Department of Mines Bulletin 27.

### STATEMENT OF QUALIFICATIONS

I, R.Tim Henneberry, am a consulting geologist residing at 404 Cambridge Way, Port Moody, B.C.

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May, 1980.

I have practiced my profession continuously since graduation.

I am a Fellow of the Geological Association of Canada.

This report is based on a exploration program supervised by the author. The author visited the property on the following dates: October 04 and November 06, 1987.

I hereby grant my permission for Aintree Resources Limited to use this report for filing with the Vancouver Stock Exchange as partial requirement of a Statement of Material facts or for any legal purposes normal to the business of Aintree Resources Limited.

I have no interest, either direct or indirect, in Aintree Resources Limited.

day of <u>Man</u> in the city of Dated this Vancouver, British Columbia.



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Sample	Claim	Lithology	Alteration - Mineralization	Attitude	Width	ppb Ru opt	Ru ppe Rg opt	Ag ppm As 2 As
Dy 10-02 A I	Dom	Quartz Diorite	Disseminated pyrite zones	None	grab	19		
Dy 10-02 B	DOM	Quartz Diorite	Float with sulfides		grab	189		
Dy 10-02 C	dom	Quartz Diorite	Float with massive sulfides		grab	28		
Dy 10-02 D	DOM	Quartz Diorite	Quartz sulfide vein	?	0.15	36		
Dy 10-02 E	Dom	Quartz Diorite	Quartz sulfide vein	?	grab	9		
Oy 10-02 F 4	Dom	Quartz Diorite	Limonite shear zone	022/85 E	Ő. 12	53		
Dy 10-02 G	DOM	Quartz Diorite	Limonite shear zone	?	grab	187	0.2	789
Dy 10-03 C	dom	Quartz Diorite	Gouge shear zone	000/70 ₩	Ō.04	76		
Dy 10-03 D	dom	Quartz Diorite	FW of shear with sulfides		0.40	42	0.2	89
Dy 10-03 E I	Dom	Quartz Diorite	HW of shear with sulfides		grab	13	0.8	31
Dy 10-03 F i	Dom	Quartz Diorite	Parallel gouge with sulfides	000/78 W	õ.70	4	0.2	129
0y 10-03 G I	Dom	Quartz Diorite	Gouge shear zone	000/70 W	0.90	31	0.1	47
Dy 10-03 H I	Dom	Quartz Diorite	Clay gouge shear with sulfides	036/90	0.30	12	0.1	54
By 10-03 I (	Dom	Quartz Diorite	Clay gouge shear with sulfides	036/90	0.20	6	0.3	35
Cy 10-03 J (	Dom	Quartz Diorite	Clay gouge shear with sulfides	036/90	0.30	14	0.2	50
Dy 10-03 K I	DOM	Quartz Diorite	Clay gouge shear with sulfides	036/90	0.30	26	0.3	145
Dy 10-03 L I	DOM	Quartz Diorite	Clay gouge shear with sulfides	036/90	0.30	53	0.9	299
Dy 10-03 N I	DOM	Quartz Biorite	Clay gouge shear with sulfides	036/90	0.40	24	0.5	612
Dy 10-03 N I	Dom	Quartz Diorite	Clay gouge shear with sulfides	036/90	1.00	2	0.2	174
Dy 10-03 0 I	Dom	Quartz Diorite	Clay shear zone	346/80 W	0.20	3	0.1	34
Dy 10-03 P (	DOM	Quartz Diorite	Carbonate alteration zone with sulfides	040/85 E	grab	3	0.1	33
Dy 10-03 Q I	DOM	Quartz Diorite	Carbonate alteration zone with sulfides	040/85 E	<b>Ö</b> . 10	4	0.1	66

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Sasple	Claim	Lithology	Alteration - Mineralization	Attitude	Width	ppb Au (	ppt Au	ppe Ag opt	Ag ppa As	% As
Dy 01-13 f Dy 01-13 f	1 Tert 5 3 Tert 5	Andesite Andesite	Carbonate shear zone Carbonate shear zone	235/70 N 345/80 W	0.20 grab	1 1		0.3 0.3	11 6	
Dy 01-13 F Dy 01-13 ( Dy 01-13 J	7 Tert 4 6 Tert 4 1 Tert 4	Dacite Dyke Quartz Diorite Felsic Dyke	Chlorite / traces of sulfides Clay chlorite limonite shear zone Traces of sulfides	092/60 N 340/90 None	0.10 1.00 grab	1 1 2		0.3 0.1 0.5	2 5 9	

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## Druley shear zone

## (00M)

Sample	Location	Lithology	Alteration - Mineralization	Attitude	₩idth	ppb Au op	t Au ppm Ag op	tAgppaAs 2A
Dy 10-01 1	r. + D	Quartz Diorite	Sericite clay limonite shear zone	000/60 E	0.60	1160	0.1	588
Dy 10-01 N	1^+ 0	Quartz Diorite	Sericite clay shear zone	016/45 E	0.05	49		
Oy 10-01 N	1^+ 0	Quartz Diorite	Sericite clay shear zone	056/90	<b>q</b> rab	15		
Dy 10-01 (	)^+ 0	Quartz Diorite	Sericite clay shear zone	109/50 N	Ő.25	2		
Dy 10-01 F	°^+ 0	Quartz Diorite	Limonite shear zone	020/90	0.15	850		
Dy 10-01 0	)^+ O	Quartz Diorite	Ligonite shear zone	?	?	73		
Dy 10-01 #	2^+ 0	Quartz Diorite	Limonite shear zone	022/75 E	0.15	139	0.1	615
Dy 10-01 k	(^+35	Mafic Dyke	Limonite clay gouge	<b>0</b> 02/60 E	0.15	380		• • •
Dy 10-01 L	. ^ + 35	Quartz Diorite	Limonite shear zone	012/90	0.04	33		
Dy 10-01 (	; ^ + 50	Quartz Diorite	Limonite clay shear	014/70 E	0.70	225	0.6	1171
Dy 10-01 C	1 ^ + 50	Quartz Diorite	Limonite clay shear	014/70 E	0.80	76	0.1	540
Dy 10-01 E	: ^ <b>+ 5</b> 0	Quartz Diorite	Limonite clay shear	320/90	<b>0.</b> 10	460	2.5	2511
Dy 10-01 F	* ^ + SO	Quartz Diorite	Limonite clay shear	348/90	1.10	132	0.1	398
Oy 10-01 6	i ^ + 50	Quartz Diorite	Limonite clay shear	019/90	0.15	1340	0,7	6065
Oy 10-01 H	^ + 50	Quartz Diorite	Limonite clay quartz shear zone	?	0.35	990	0.2	4695
0y 10-01 J	r <b>^ +</b> 60	Quartz Diorite	Gouge shear at contact	?	grab	415		
Dy 10-01 I	<b>^ + 8</b> 0	Aplite Dyke	Limonite	?	Ó.15	106		
Dy 10-01 S	; ?	Quartz Diorite	Float with sulfides		orab	11	0.1	37
Dy 10-01 U	?	Quartz Biorite	Float with sulfides		grab	22	0.1	7

.

## ARSENIC VEIN

## (Tert 4)

Sample	Location	Lithology	Alteration - Mineralization	Attitude	Width p	pb Au opt	Ru ppa Rg opt	Ag ppa As	% As
Dy 11-26 A		Dacite Dyke	Arsenic showing with 3% asp	?	0.13	770	7.0	33687	
4207		Dacite Dyke	Limonite chlorite quartz vein 5% aspy	008/58 W	grab	485	2.1	24844	
Dy 11-26 B		Dacite Dyke	Limonite chlorite quartz vein 3% a <del>s</del> p		grab	25	0.8	764	
Dy 11-26 C		Bacite Dyke	Limonite chlorite quartz vein 3% asp		grab	67	1.0	2392	
Dy 11-26 D		Dacite Dyke	Limonite chlorite quartz vein 32 asp		grab	133	0.7	2851	

DATE RECEIVED: DEC ACME ANALYTICAL LABORATORIES LTD. 9 1987 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: 87

#### GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: P1-ROCK P2-3 ROCK PULP AU++ ANALYSIS BY FA+AA FROM 10 BH SAMPLE.

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STETSON RESOURCE PROJECT-EPIC File # 87-6098 Page 1

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DY	11-22J	34
DY	11-22K	6
DY	11-22L	18
DY	11-23A	230
DY	11-23B	137
DY	11-23C	520
DY	11-23D	72
DY	11-24A	3220
DY	11-248	61
DY	11-24C	76
עם	11-24E	450
עם	11-24F	47
עם	11-26A	770
עם	11-26B	25
עם	11-26C	67

DY 11-26D

## WHOLE ROCK ICP ANALYSIS

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A .1000 GRAM SAMPLE IS FUSED WITH .80 GRAM OF LIBOZ AND IS BISSOLVED IN 50 MLS SI MMOS. - SAMPLE TYPE: ROLE PLAP

DATE REPORT MAILED , De 6/87 ASBAYER. ALCANT, DEAN TOYE, CERTIFIED B.C. ASSAYER DATE RECEIVED: HE 9 1987 STETSON RESOURCE PROJECT-EPIC File # 67-6098 Page 2 SAMPLE# SI02 AL203 FE203 MG0 CAO NA2O K20 T102 P205 MNO CR203 LDI SUM BA Χ. 7. 7. Z 7 7 74 74 Z 7 % FFM - Z 7

DY 11-26B 48.92 15.03 11.35 7.16 7.39 1.13 .20 1.04 .10 .17 .02 74 5.3 99.82

ACME ANALYTICAL LABORA, JRIES LTD. DATE RECEIVED: OCT 6 1987 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: . Oct 2:

## GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: P1-ROCK P2-STREAM SED AU& ANALYSIS BY AA FROM 10 GRAM SAMPLE. ORIGINA HG ANALYSIS BY FLAMLESS AA.

ASSAYER: AMAN DEAN TOYE, CERTIFIED B.C. ASSAYER

STETSON RESOURCE PROJECT-EPIC File # 87-4733 A Page 1

SAMPLE#	ΑU¥ ρρb	HG ppb
DY 10-1-C DY 10-1-D DY 10-1-E DY 10-1-F DY 10-1-F	225 76 460 132 1340	
DY 10-1-H DY 10-1-I DY 10-1-J DY 10-1-K DY 10-1-K	990 106 415 380 33	
DY 10-1-M DY 10-1-N DY 10-1-0 DY 10-1-P DY 10-1-Q	49 15 2 850 73	
DY 10-1-R DY 10-1-S DY 10-1-T DY 10-1-U DY 10-2-A	139 11 1160 22 19	- - -
DY 10-2-B DY 10-2-C DY 10-2-D DY 10-2-E DY 10-2-F	189 28 36 9	
DY 10-2-6 DY 10-3-C DY 10-3-D DY 10-3-E DY 10-3-F	187 76 42 13 4	
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DV 10-3-4	57	70

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#### GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .300 GRAM SAMPLE IS DIGESIED WITH JML 3-1-2 MCL-MM03-M20 AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATEA. This leach is partial for MM FE CA P LA CR HG DA 35 5 6 MMD Likites for MA K AND AL. AU DETECTION LIMIT BY ICP 13 3 PPM. - SAMPLE TYPE: PI-2 ROCK

DATE RECE	IVED	1 <b>1</b> 1	ict b	1987		DATE	REF	ORT	MA	LED	• 00	Æ.	20 /	87	ŕ	ASSA'	YER.	A.,	Le	: ;-:!	.DEA	N T	JYE,	CEI	RTIF	IED	Ø.C	;. A	SSAY	'ER
						5	STET	'90N	RES	OURI	CE 🕡	PRO.	JECT	-EF	IC	Fil	le 9	87-	-473	53	Fa	ige .	1							
SAMPLE	NO Ppm	CU PPM	PB PPN	2H PPH	AG PPH	Nt PPH	CO Pph	MN PPR	FE I	45 FP#	U \$PM	au Ppr	TN PPH	SR PPN	CØ PFN	59 PPM	B1 PPM	4 PPN	CA 1	P I	la PPM	CR PPM	86 1	ba Pph	11 I	B PPH	аі, 1	¥A 1	K Z	¥ PPK
DY 10-1-C	3	71	76	83	.8	7	4	328	J.75	1171	1	ND	8	2	1	8	2	7	.01	.018	10	7	.07	30	.01	4	.70	.02	, 15	L
19¥ 10-1-0	,	48	23	13	- A	2	5	351	2.41	540	7	NÔ	8		1	â	2	8	.02	.013	13	5	.27	30	.01	4	1.43	.03	.12	1
81 10-1-E	5	110	41	74	2.3	2	, i	179	13.94	231)	3	NÐ		2	1	12	10	6	.01	.077	13	1	.03	29	.01	5	, 78	.01	.15	t
87 10-1-F	2	- 44	4	59	L		4	158	2,29	398	5	HĐ.	8	3	1	2	2	5	.01	.019	13	3	.20	33	.01	2	1,27	.03	.11	1
DY L0-1-6	2	49	22	96	.1	2	3	134	4,45	6062	5	ND	7	21	1	43	2	3	.02	.026	19	2	.11	42	.01	2	1.05	.91	.12	١
8Y 10-1-H	1	33	15	57	.7	1	3	743	3.17	4693	5	۹D	1	12	t	21	2	7	.03	.027	13	4	.01	67	.01	5	. 95	.07	.14	i i
STA C	19	41	38	121	7.7	67	28	1108	3.90	37	19	7	39	50	19	18	19	35	,45	.086	38	62	.91	176	,07	37	1.87	.05	. 13	14
8Y 10-1-R	3	ii.	39	113		8	5	613	2.98	615	5	ND	- 4	4	1	7	2	15	.04	.057	22	I	.25	38	.01	1	1.04	. 01	.18	1
BY 10-1-5	1	15	8	177	.1	3	4	291	2.21	37	5	M9	6	21	1	3	2	22	. 29	.033	10	2	. 27	30	.08	11	.74	.09	-11	1
9Y 10-1-T	1	7	69	54	.1	2	5	403	2.07	288	5	40	7	2	1	6	Ż	8	,02	.078	18	3	.23	29	.01	2	1.11	.02	.13	
OY 10-1-11	•	15	3	73	t.	3	3	\$17	2.19	7	s	ND	8	4	ι	5	2	5	.05	.040	9	1	.05	22	.01	4	.42	.04	.13	1
BY 10-7-6	ì	- ii	17	41	.1	i	9	357	7,84	789	5	KD	6	5	- 1	5	2	5	.03	.016	- 5	1	.07	33	.0ł	8	.54	. 02	- 15	1
DY 10-3-D	1	18	12	57	.2	3	8	1413	3.38	87	\$	MD	4	- 171	L	1	2	- 5	4.59	.043	10	1	1.08	49	101	12	. 36	.02	.16	
BY 10-3-E	1	80	9	97	.8	14	43	931	4.79	31	5	MD.	\$	118	1	2	5	10	2.40	.045	- 1	10	,78	45	.01		.48	•0Z	-16	
D1 [4-]-F	, i	18	11	41	.1	5	5	709	2.09	129	\$	NÐ	9	94	1	2	2	5	2.25	.019	14	,	.62	37	101	5	.31	.91	.13	1
87 10-3-6	4	ш	a	45	.1	5	5	305	1.79	47	5	#D	6	37	1	2	3	3	1.07	.076	12	1	.30	30	.01	\$	.32	.0J	. 12	1
OT 10-3-H	;	;	13	- 0	.1	J	- ī	273	1.45	54	5	ND	9		1	2	2	L L	.07	.013	10	- 2	.07	34	, DI	1	.52	.02	.12	1
BY 10-3-1	ì	Ś	15	50	3		3	98	1.69	35	6	ND	10	14	- 1	2	2	- I	.72	.015	2Z	- 2	,13	35	.01	1	. 65	.02	-13	1
DY 10-3-3	2		11	32	.2	3	3	167	1.82	50	5	ND	10	5	1	2	- 4	1	.07	.013	27	l	.06	35	.01	7	.54	.02	-12	
8Y 10-3-K	ż	II	16	60	.3	7		261	2.95	115	5	KØ.	7	1	1	3	2	2	.н	.027	•	1	,99	89	.01	5	.49	.02	.11	I
RY 10-1-1	,	77	11	158	. 1	40	14	450	4.55	299	5	MD	5	34	2	4	2	9	1.62	.051	3	17	.34	13	.01	4	.86	.01	. 18	I.

## STEISON RESOURCES PROJECT-EPIC FILE # 87-4733

SAMPLE 0	MÓ	CUF	P2	214	AG	NL	C0	MH	' FE	AS	ម	AV	TH	SR	CD.	SB	81	¥	CA	P	ŁA	CR	M5	BA	11	8	ÅL.	NA	K	N,	AUT	H6
	· FFR	PPH	FFN	FPH	PPN	PPH	PPN	PPA	1	PPN	PPN	PPN	22M	PPH.	PPM	PPN	PH	PPN	τ	Ľ	PPN	PPN	1	FPK	1	PPN	1	1	1	ppn	164	PPD
NY 10.7-9		51				41	21	871	4 47	417	٩	N.B.		133		1	,	17	<b>3</b> 49	457	5	17	. 79	117	. 01	4	.57	. <b>0</b> J	.14		24	40
BY 10-3-N	i	36	5	53	.2	45	13	454	2.50	174	ŝ	RÖ	5	23	i	3	ż	6	1.94	,031	01	7	.15	151	.01	4	. 36	.02	.12	1	2	-
DY 10-3-0	3	Ł	3	26	.1	2	2	195	1.12	34	5	· NØ	9	5	1	2	2	1	.11	.013	15	- I	.05	31	.01	5	. 32	.03	.09	i	3	-
NY 10-3-P	1	23	2	30	- , i	Ţ	6	£09	2.37	33	5	ND	5	136	L 1	2	2	\$	3.47	.025	8	5	.64	53	.01	6	.79	.02	.12	1	1	-
07 10-3-Q	1	7¢	6	49	.1	39	20	1304	4.57	66	5	NĢ	1	377	1	2	3	42	8.54	.032	4	44	2.55	74	.01	2	.60	.01	.12	1	4	-
F 1207	I.	25	407	1076	2.1	24	21	2566	4.83	24844	5	RD	t	301	3	38	3	47	13.24	.018	2	41	1.58	17	.01	Ż	1.89	.01	.08	1	485	-
STO C/AU-R	19	57	37	128	4.9	65	20	1014	3.91	39	19	6	37	50	19	18	20	54	,47	, 085	28	61	.87	101	.07	37	1.83	.04	.12	11	510	1260

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# TERTIARY REGIONAL SHEAR / FAULT LOST SHOE VOLCANICS CATFACE INTRUSIONS JURASSIC BONANZA GROUP TRIASSIC PARSON BAY FORMATION QUATSINO FORMATION PALEOZOIC AND/OR MESOZOIC WESTCOAST COMPLEX — — Creek ..... Logging road Mapping by: Muller and Henneberry GEOLOGICAL BRANCH ASSESSMENT REPORT nn

LEGEND

AINTREE RESOURCES / ISLAND STAR RESOURCES

## EPIC / OWL PROPERTIES

PROPERTY GEOLOGY

DRAWN BY: RT Henneberry SCALE : 1 : 25,000 DATE May, 1988 FIGURE 4