

ANNUAL REPORT ON THE ARASTRAEA CLAIM

OMINECA MINING DIVISION, BC

NTS 93 0/001 and 093J/091

COMES.

Zone 10, (s.w.) easting 449519,894, northing 6094605.675

OWNER: Dave Forshaw Box 419 Mackenzie, B.C. V0J 2C0

BY: Dave Forshaw

JANUARY, 2005

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LOCATION AND ACCESS

The property is located approximately 85 miles northwest of Prince George and 55 kilometers west of Windy Point, B.C. on the Finlay Philip Forest Service Road. The Arastraea claim is centered on, zone 10 (sw) easting 449519.894, northing 6094605.675, on NTS sheet 093 O 001 and 093J 091. It is accessible by logging roads from spring to fall or by helicopter from Mackenzie.

TOPOGRAPHY AND VEGETATION

The topography of the area is rolling hills and medows, ranging in elevation from 980 meters (2990 ft.) above sea level (ASL) to 1250 meters (3800 ft.) ASL covered with economicstands of spruce and pine. The best exposure of bedrock is found in logging cuts and along road cuts in the south of the claim.

PROPERTY STATUS

Claim List:

Claim Name	Record No.	Units	Expiry Date	Owner
Arastraea	413483	ł	August 12, 2005	David Forshaw
Raea 1	413484	1	August 12, 2005	David Forshaw
Raea 2	413485	1	August 12, 2005	David Forshaw
Raea 3	413486	1	August 12, 2005	David Forshaw
Raea 4	413487	1	August 12, 2005	David Forshaw
Raea 5	413488	1	August 12, 2005	David Forshaw

HISTORY

The Arastraea property is located south/east of Placer Dome's Mt. Milligan copper/gold porphyry deposit. David Forshaw became interested in this area in 1996, after finding small veins containing copper/ gold. Too the south of this he recognized a contact between Wolverine and Takla Volcanics, a fault intersection, and more copper mineralization. He continued to prospect this area until in 2004 David staked the initial six units.



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REGIONAL GEOLOGY

The following has been culled from the capsule geology on Minfile number 093N 194 of the Mount Milligan deposit:

The claims lie within the Quesnel Belt, composed of Upper Triassic Takla Group andesitic to basaltic massive volcanic flows, sills and volcaniclastic rocks that have been metamorphosed to greenschist facies and intruded by intermediate to mafic subvolcanic and plutonic rocks. Lithologies within the Takla Group include augite and plagioclase porphyritic flows and tuffs and their subvolcanic equivalents, massive non-porphyritic flows and crystal lapilli tuffs. The intrusive suite includes a complex mix off syenite, monzonite, diorite/monzodiorite and gabbro/monzogabbro from the Late Triassic - Early Jurassic and Late Cretaceous granite.

The Mount Milligan deposit is underlain by coarse-grained labradorite diorite and biotite-bearing monzodiorite in the north, and central segment of quartz porphyritic and megacrystic feldspar porphyritic phases, and a southern segment of biotite quartz diorite. The pluton is complicated by several complex sheeted and pegmatitic dyke phases and xenoliths and rafts of biotite hornfels wallrock.

The dominant structural trend is north-northwest with most rock units subvertically oriented, probably due to block faulting and rotation. Faults and shear zones are mainly oriented northeast and north west.

PROPERTY GEOLOGY

The property is located within the northern part of a narrow northwesterly trending assemblage of lower late Triassic island arc volcanics and associated sedimentary facies known as the Quesnel belt and defined locally as the Takia Group. These rocks are intruded by coeval plutons which range up to Early Jurassic in age (Nelson et al., 1991). The large Multiphase Hogem Batholith, located approximately 30 kilometers west of the property, is the largest pluton in the area. The property is located near the eastern margin of Quesnellia which is marked by a complex zone of faults that separate the Takla rocks from the Late Paleozoic Slide Mountain Terrain and , metamorphic rocks of autochthonous North America.

The Quesnel belt is known to host a number of copper-gold porphyry deposits associated with alkalic magmatism, including the Afton, Kemess, Mt. Polley mines, and the Mt. Milligan deposit. Mt. Milligan contains geologic reserves of 400 million tonnes grading 0.48grams per tonne gold and 0.2% copper, and is located 20 kilometers northwest of the Arastraea property.

There is a north/east trending fault running through the center of the claim, following this the rock contains high potassium. Along this fault is the contact of the Wolverine geology and the Takla Volcanics, and bordering the claims on the east is a magnetic high. Magnetic highs and potassium anomalies of this nature are often related to mineralization. It was also noted that a north/west trending fault intersects in the south east part of the claim.

Two areas of outcrop have been located, (1) in the north central part of the claims which contains a northwesterly trending carbonate altered and silicified shear zone, approximately 2 meters wide, that contains some disseminated chalcopyrite, disseminated pyrite, and minor gold. (2) in the south/central part of the claims, gabbros, containing malachite was observed.



WORK PROGRAM

I started line AS 75 at the initial post of the Arastraea mineral claim, the line going in the direction of 75. Three samples were sent for analysis, samples taken at 50 m, 240 m, and at 283 m. Line AS 345 started at the initial post of the Arastraea mineral claim, the line going in the direction of 345. Ten samples were sent for analysis from this line, at 0 m, 50 m, 100 m, 150 m, 195 m, 250 m, 300 m, 350 m, 400 m, and 440 m. These samples were chosen for analysis to learn if mineralization was indicated at any point to the south of the north/west trending fault and west of the intersecting fault. This gives an understanding of the mineral potential in the south west part of the claim. The highest copper number was 218 ppm at sample point AS 345 - 100. More work is required to gain a full understanding of the mineral potential.

GEOCHEMICAL SURVEY METHODS

The soil samples were taken primarily from an area that had been logged in the past, spruce and pine have been planted and are approximately four meters high at this time. We limited samples to areas that had not been disturbed. Sample stations are at fifty meter intervals and marked with flagging tape. Soil samples were taken from the "B" horizon, found at depths of five to forty centimeters, using a spade. The samples were placed in Kraft soil sample bags and dried prior to shipping to Acme Analytical Laboratories for analysis. Each sample was tested for gold, copper, and twenty nine other minerals using LC.P. group ID -.5 gm, and for the gold, group 3A - AU - 15.0 gm

GEOCHEMICAL SURVEY RESULTS

The results of the survey on the Arastraea mineral claim this year did not give any definite indications of significant mineralization. The re was one higher copper number 218 ppm at, AS 345 - 100, and the low being 20.0 ppm at AS 345 - 0, The highest gold was 17.6 ppb at, AS 345 - 250. I plan to add to the sample grid in the northern and eastern parts of the mineral claim. This will be done in the summer of 2005.



SUMMARY AND CONCLUSIONS

The Arastraea mineral claims are underlain by rocks of the Quesnel Belt which are known to host a number of copper - gold porphyry deposits associated with alkalic magnetism including the Mount Milligan deposit which lies just ten kilometers to the northwest. A potassic anomoly covers the mineralized areas found on the Mount Milligan deposit. A potassic trend exists on the Arastraea claims. The geochemical sampling program provided anomalous copper numbers, but I require more information to understand the potential of this property.

The recommendations for the 2005 work program are to extend the grid and sample to the east and north section of the claim In doing so, it is hoped to more clearly define the mineralization associated with the potassic trend, identified in the AGRS survey.

	AS 345-50 AS 345-100 AS 345-150	4.0	
	AS 345-250 AS 345-300	17.6	
	AS 345-350 AS 345-400 AS 345-440	9.4 3.6	
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. results are considered the confidential property of the client. Acme assumes the tiabilities for actual cost of the analysis only,

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AS 75-50 AS 75-240 AS 75-283 AS 345-0 AS 345-50	1 2 1 1 1	23 50 49 20 54	4 5 10 3	42 52 54 66 64	.4 <.3 .4 .6 <.3	19 28 37 20 37	8 15 15 9 18	214 491 481 286 663	2.85 3.31 3.35 3.05 4.28	7 7 10 9 18	<8 <8 <8 <8	N N N N N N N N N N N N N N N N N N N	v son son	24 32 41 23 75	.6 .6 .5 .7	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 6 6 C 1 6	87 87 90 89 102	.34 .41 .59 .27 1.09	.151 .101 .100 .073 .100	7 7 9 6 7	53 72 85 66 93	.53 .99 .99 .66 1.00	59 83 94 56 83	.09 .11 .10 .08 .06	7 6 9 8 3	1.61 1.66 1.87 1.49 2.12	.01 .01 .01 .01 .01	.03 .10 .06 .04 .05	2 2 2 2 2 2 2 2 2 2 2 2
AS 345-100 AS 345-150 AS 345-195 AS 345-250 AS 345-300) 1 1 1	61 73 72 27	7 3 5 3	53 53 39 61 50	1.1 .4 .3 <.3	31 22 29 24	23 13 10 9 9	496 486 251 257	3.19 2.32 3.53 3.57	12 11 7 9 9	<8 <8 <8 <8	2000	2222	59 96 24 25	.8 .7 .6	0 0 0 0 0 0 0 0 0 0 0	2000	85 64 99 100	.85 1.64 .31 .36	.072 .090 .236 .223	11 8 7 6	80 63 98 73	.03 .98 .65 .84 .71	102 86 80 62	.06 .05 .07 .08	10 3 5 <3	1.72 1.27 1.69 1.97	.01 .01 .01 .01	.05 .05 .04 .04	2022
AS 345-350 RE AS 345-350 AS 345-400 AS 345-440	<1 <1 <1	26 25 51 37	6 9 5	45 46 85 41	.6 .6 .3 .3	23 23 38 28	8 9 14 10	258 252 464 449	2.68 2.64 3.26 2.71	5 7 12 7	<8 <8 <8	8 4 4 V	2 2 2 2 2	31 31 45 58	.5 .5 .5 <.5	333	3 3 3	80 79 92 79	.44 .43 .65 .86	.076 .074 .088 .103	8 8 11 9	62 61 89 80	.71 .70 .94	64 63 101 <u>82</u>	.09 .10 .10 .07	5 3 5 6	1.62 1.57 1.68 1.41	.01 .01 .01 .01	.04 .04 .06 .05	<2 <2 <2 <2

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ARASTRAEA. CLAIM - EXPENDITURES

SALARIES

Dave Forshaw 2 man days @ 150/day 2 Assistants 1 day @ 150/day		300,00
2 Assistants I day (uj 190/day		300.00
REPORT PREPARATION		
Dave and Valerie Forshaw		180,00
LOGISTICAL COSTS		
Food and Lodging		200.00
Vehicle, Fuel and Maintenance		250.00
<u>ANALYSIS - SOIL TESTING</u>		
13 Samples @ 6.75 (Group ID)		87.75
13 Samples @ 7.50 (Group 3A AU -15 gm) 13 SS80 Sail Presentiate @ 1.65		97,50 21,45
15 5560 Son Frepalauon @ 1.05	Tax	14.47
EQUIPMENT COSTS		
Chain Saw, Supplies and Equipment		250.00
FILING FEES		60.00
SUBTOTAL		1761.17
ADMINISTRATION FEE (15%)		264,18
TOTAL		2025.35

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STATEMENT OF QUALIFICATIONS - FOR DAVID FORSHAW

- 1. Thirty-four years of active prospecting experience.
- I have completed courses in the following: Basic Prospecting, Advanced Prospecting,
 Drift Prospecting, Radiometric Geology, Geochemical, Placer, Industrial Minerals and Carlin Geology, (Microscopic Gold in Sediments),
 Type Au Deposits. I have attended the Cordilleran Roundup Mining Convention in Vancouver and the Minerals North Conference each year. I have also attended a great number of talks given by specialists in the mining field.
- 3. I have organized and assisted in twelve Basic Prospecting Courses, one advanced Prospecting Course, one Placer Course, instructed one Basic Prospecting Course. led field trips, and assisted instructors in a number of Prospecting courses.
- 4. I am the mining representative for the District of Mackenzie Economic Development Advisory Committee.
- 5. I represented the B. C. & Yukon Chamber of Mines in the Mackenzie L.R.M.P. process.
- 6. I assist teachers in Mackenzie and Prince George Elementary and High Schools with their Geology related subjects, in the classroom and on field trips. I now do this through the CAST Program (Scientists & Innovators in the Schools).
- 7. I am a member of the Omineca Exploration Group and actively work to bring the prospectors in our area educational courses, field trips, and interesting speakers from all aspects of the mining field.
- 8. I have also taken courses in Holistic Forestry and other forest related courses to further my understanding of our environment and for reclamation purposes.
- 9. I have staked numerous mineral, placer, and industrial mineral claims, then done different types of surveys on them. I then wrote reports regarding these surveys.
- 10. I have negotiated option agreements on a number of mineral claims with mining companies.

I believe that this experience and training qualifies me as a prospector.

R.D. Forshaw

BIBLIOGRAPHY

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