

Aragon Exploration Ltd.
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Vancouver 2, B.C.

681-5717

674005

ARAGON EXPLORATIONS

In the Cassiar area there are many mineral occurrences. Most have been known for years but until recently the area was considered too remote for economical mining, the cost of shipping concentrates to a port being prohibitive.

The completion of the Cassiar-Stewart Road will put the area within economical reach of a deep sea port.

The people in Aragon have been in the Cassiar area for the past twelve years. During that time much information has been picked up and filed. Last fall it was felt that the time was ripe to pick up the better open properties.

Some of these showings have been known since 1897 and little work has been done on them. Our program is to open new and old showings to maximum widths and lengths, by cat trenching and ripping or by drilling and blasting. This will give our engineers greater exposures on which to write up to date reports.

A.

This property is located on Granite Creek approximately two miles south of the town of Cassiar.

New Jersey Zinc is on the south. Coast Silver on the east with Chapparal on the north.

This is very good property but until a survey is done we feel that we can not sell this property.

The property was a piece of open ground that was not covered by the above three Companies.

A road runs by this property less than 100' from the initial posts.

B.

This property consists of three groups of claims. Group #1 has several gold silver veins. One vein has visible free gold and runs up to 7 ozs. silver across 6 ft.

Group #2 has copper, moly. One prospector who sampled it years ago claims it runs 2.5% copper. We have not done any work on it so will not try to sell this group until we have done more work.

Group #3 is reported to have a silver vein on it but was staked for this company as a fill in for group #2.

C. (Ruby)

This property is a very old find and is described in the following report.

The adjoining property has an aggressive program planned for this area (Apple Jack)

Here it was transferred to scows and floated down Dease lake to the mouth of Thibert creek, where it was again transferred to pack animals and transported some 7 miles to the mine.

The Company also took in at the same time a saw-mill, which was erected on the property and has cut this summer some 110,000 feet of lumber.

Owing to the shortness of the season in this northern latitude, and the drawbacks incidental to the establishing of a large enterprise in a new country, such as the necessity of widening old trails and building new ones, the season was consumed in getting the plant on to the ground.

However, everything is in readiness for an early start in the spring, when the plant will be installed and actual mining operations commenced.

This is the first hydraulic plant ever taken into this District, and it is expected and hoped that the results obtained will be so satisfactory as to induce others to follow.

The old gold run on Thibert creek can be traced for some distance above the leaseholds of the Thibert Creek Mining Company, and it is expected other leases will shortly be taken up higher up on this old channel, where it is understood very promising prospects have already been obtained.

On McDame creek, also in Liard River Mining Division, several hydraulic leases have been granted and applications are in for others, which, if properly worked, seem to have a fair prospect of success.

Dease creek, in the same mining division, has not as yet been shown to have any good hydraulic ground, but I am of opinion that it is worthy of investigation, as are several other less known creeks in the Division.

METALLIFEROUS MINING.

Heretofore the results obtained from prospecting for quartz or lode properties have not been very encouraging, as the only reliable reported finds were low grade propositions which could not be worked in this remote region.

I am pleased to be able to say now, however, that the Cassiar Central Railway Company's prospectors have found, on McDame creek, ore which gives very fair assay values.

On the *Apple Jack* claim a strong quartz ledge has been proved, having a pay streak of from 2 to 3 feet wide. The ore carries, in picked samples, 20% copper and 150 oz. silver.

On the *McDame*, in cross-cutting at about 40 feet underground, a band of some 10 feet of mixed concentrates and clean ore was encountered—after which the tunnel cut through ledge matter for 21 feet, when more ore was found.

The ore is argentiferous galena, with fine iron and copper pyrites—running, on clean ore, about 30% lead and 80 oz. silver.

Some 2 miles up McDame creek from the *Apple Jack* another quartz ledge has been discovered carrying very similar ore.

A number of locations of more or less importance have been made at various other points, among which might be mentioned the *Winona-Vernon Group*, located on the south side of the Stikine river, on the opposite side and about 10 miles distant from the town of Glenora.

This group of claims was located last season and so far only one year's assessment work has been done on it. The work done indicates a well-defined ledge carrying 15% of copper, with small quantities of gold and silver.

The District is badly handicapped by the lack of railway or other transportation facilities, but this I hope will be remedied should the hydraulic propositions already started prove as satisfactory as is anticipated.

CASSIAR CENTRAL RAILWAY.

NOTE BY PROV. MINERALOGIST.—The following additional information with respect to the operations of the Cassiar Central Railway Co., together with the accompanying photographs, has been obtained through the courtesy of Mr. A. F. Griffiths, of Victoria, agent of the Company:—

Mining operations have been carried on quietly but unremittingly in this District during the last few years by the Cassiar Central Railway Company. This Company has done a great deal in the way of opening up trails, sending out exploration parties to locate mineral belts, and generally in acquiring information of the district to which its operations are confined. Apart from this, however, it has for the last three years been thoroughly prospecting and developing the property now known as the Thibert Creek Mining Company, Limited. This property consists of seven hydraulic leases, embracing an area of 80 acres each, with a frontage altogether of 10,500 feet on the south side of Thibert creek. Test pits have been sunk at various intervals along the frontage above mentioned, and the exploratory work done has disclosed that the Company possesses a gravel deposit of about 200 feet in width, and of about 60 feet in height, for the whole length of 10,500 feet. The tests made are of a nature that lead the Company to believe that the average yield will not be less than 50 cents per cubic yard.

The Company last year commenced and completed its water race, which has been flumed for the whole distance of very nearly two miles in length and is a very fine piece of work.

A large engine, boiler and saw-mill were transported into the country for the purpose of preparing the timber required for the construction of a flume. The whole plant is perfect in every way, and the Company's operations are sufficiently far advanced to anticipate the commencement of washing operations on the first day of May, 1901, should the water be sufficient in volume at that period for hydraulicing, and it is hoped that at the end of the season a very large output will be the result of the Company's operations. A few photographs are given to show the nature of the very heavy work the Company had to do in the construction of the flume.

The Cassiar Central Railway Company has also opened up three McDame Mineral copper properties. From one, the McDame Creek ledge, the value of the property is shown by the following assays, on samples which have been taken very carefully in order to ascertain the average value of the ledge:—

No.	Silver, oz.	Copper, %.	Lead, %.
1.....	69.4	.....	29.12
" 2.....	47.12	.....	8.73
" 3.....	80	.....	31.86
" 4.....	64.16	.....	35.90
" 5.....	18.04	.....	20.02
" 6.....	55	11.90	.....

" 7.....	84	.....	34.72
" 8.....	33	.....	13.24
" 9.....	55	.....	21
" 10.....	75.5	.....	26.31
" 11.....	25	7.14	15.5
" 12.....	9.6	1.57	.....
" 13.....	26	0.94	10.97
" 14.....	81	.....	30.53
" 15.....	37	.....	13.69
" 16.....	32	.....	10.73
" 17.....	70	.....	27.38
" 18.....	32.8	.....	11.88

The *Apple Jack* claim gave the following results, after systematic sampling across the whole body of the vein, where exposed at different points in the working tunnel:—

No.		Silver, oz.	Copper, %.
" 1.....		132.16	19.90
" 2.....		132.12	18.69
" 3.....		75	7
" 4.....		34.2	1.47
" 5.....		16	0.28
" 6.....		59.4	8.43
" 7.....		42.4	8.51
" 8.....		5.8	.....
" 9.....		158.2	26.65
" 10.....		39.4	1.05
" 11.....		17.6	2.08
" 12.....		120	18.2
" 13.....		32.6	4.9
" 14.....		5.8	1.19
" 15.....		51.4	5.71
" 16.....		28.8	4.41
" 17.....		65.60	9.66
" 18.....		168	33.02

The *Ruby* mineral claim gave results as follows:—

No.		Silver, oz.	Copper, %.
" 1.....		48.8	19.04
" 2.....		54.6	22.75
" 3.....		84	33.62
" 4.....		35	11.39

The Cassiar Central Railway Company is confident that these claims are in one of the most promising mineral belts of the Province, and that they will form the nucleus of a big mining camp in the near future. Many other claims have yielded satisfactory and even excellent results from assay returns, but so far the Company has only opened up to any extent the properties above mentioned.

BRITISH COLUMBIA.
MINERAL ACT, 1896.

RECORD OF MINERAL CLAIM.

..... *Ruby* Mineral Claim.

339523 No. of Certificate.

Located by *J. W. Haskins*

*Abandoned
Jas. Porter
B.C.*

The claim is situate *on the South Fork of
McDermis Creek in the Head
River Murray Division*

*750 feet lies to Right and 750 feet
to left of Location line*

The direction of the location line is *South West*

The length of the claim is *1500*

The claim was located on the *12th* day of *July* 1900

Recorded this *23th* day of *July* 1900

Paul Everson
Mining Recorder.

[If the stakes are not on the location line, comply with section 18.]

*M.R. No. 35921
for \$2.50*