

Taltapin Mining Company

LIMITED

800856

PROSPECTUS

Authorized Capital - - - \$1,000,000.00

Divided into 1,000,000 Shares of \$1.00 each

Directors

W. C. STEARMAN, Esq., President
(Hardware Merchant)
Vancouver, B. C.

CAPT. DAVID BAIRD, Vice-President
(Managing Director, Vancouver-Victoria Stevedoring Co. Ltd.)
Vancouver, B. C.

W. D. GILLESPIE, Esq., Secretary-Treasurer
(Barrister-at-Law, Solicitor, Etc.)
Vancouver, B. C.

WILLIAM GREENLEES, Esq.
(General Contractor)
Vancouver, B. C.

ARTHUR WOOD, Esq.
(Mining Engineer)
Vancouver, B. C.

Management Committee

ARTHUR WOOD, Esq.
W. D. GILLESPIE, Esq.

Auditors

MESSRS. HUNTER & MATHIAS
(Chartered Accountants)
410 Seymour Street,
Vancouver, B. C.

Bankers

Royal Bank of Canada,
Vancouver, B. C.

Registered Office

612 Vancouver Block, Vancouver, B. C.

A Copy of this Prospectus has been filed with the
Registrar of Companies

PROSPECTUS

About seven years ago Mr. Arthur Wood, a mining engineer and prospector, located certain mining property on Anderson Creek, flowing into Babine Lake, near the C.N.R., about 200 miles east of Prince Rupert, in Omineca Mining District, in British Columbia, and he proceeded to raise money to develop this property.

About \$60,000.00 have been actually expended on the development of the Company's property by installation of mining machinery, and by sinking, tunnelling and diamond drilling to ascertain the quantity and value of the ore at depth. Roads, camps, buildings, etc., have also been constructed.

In June, 1926, the directors retained Mr. R. C. Campbell-Johnston, an eminent mining, geological and metallurgical engineer, registered under the "Engineering Act" of the Province of British Columbia, with years of experience in mining in this province, to report on the value of the Company's mining property, and the following month he made his report to the directors, which report may be inspected at any time at the Company's office, and part of which is included herein.

Mr. Campbell-Johnston sampled the ore from the surface of eight strong leads, which assayed \$25.50 to the ton.

He also sampled the ore from leads between 35 and 112 feet lower than the surface of the ground, at the entrance to the shaft, which assayed \$152.50 to the ton, which shows the value of the ore to be materially increasing as depth is reached.

Mr. Arthur Wood, the Company's mining engineer, recently located a body of ore on the surface, 10 feet wide, running northerly between Sunrise A-B to S-T mineral claims, belonging to the Company. The ore taken from the surface of this lead assayed to the ton: Gold, \$2.40; Silver, \$18.10; Copper, \$1.40; Lead, \$0.54; Zinc, \$0.52. Gross value, \$22.96.

Summary by Directors

Mr. R. C. Campbell-Johnston's report shows net profits, on an output of 100 tons a day, of \$300,000.00 a year on the minimum value of the ore samples taken from the surface of the ground, which averaged \$25.50 a ton.

Mr. Campbell-Johnston advises that the shaft be sunk 3000 feet. When the value of the ores increased from \$25.50, on the surface, to \$152.50 at a depth of from 35 to 112 feet, it is reasonable to presume that the values will continue to increase as further depth is reached.

The \$300,000.00 profits mentioned by Mr. Campbell-Johnston would be about 38 per cent. net profits to the shareholders on the share issue of 790,000 shares. With the ore at a depth of from 35 to 112 feet, worth six times as much as that which was assayed on the surface, then the net profits to the Company will be greatly increased. It is intended that the

total number of shares to be issued will not exceed 790,000 shares, so that net profits may be calculated on this amount of issued capital.

During the first year of operations, it is proposed to mine at least 30 tons of ore a day, and it is estimated from Mr. Campbell-Johnston's Report that this ore will average at the minimum \$60.00 a ton, and, allowing \$10.00 a ton for cost of mining, will leave \$50.00 a ton net profits. Working a minimum of 300 days a year will produce \$450,000.00. Out of this amount it is estimated a 10 per cent. dividend will be paid to the shareholders, amounting to about \$79,000.00, and the balance will be utilized for further development.

During the second year of operations, it is proposed to mine 100 tons of ore a day of at least the same value. It is estimated from the said report that this will produce over \$1,000,000.00 net profits. Out of these profits it is estimated a 25 per cent. dividend will be paid to the shareholders, and the balance will be utilized to complete the mine development.

During the succeeding years it is anticipated that between 100 and 300 tons of ore will be mined each day, and, after allowing for a substantial reserve, that net profits will exceed 100 per cent. per annum.

Mr. Campbell-Johnston's Report states that there is sufficient valuable ore to keep a large concentrating mill going for the next generation and longer.

One hundred and twenty-five thousand shares of the capital stock of the Company are being offered for sale under this prospectus at par, being \$1.00 a share, and the amount payable on application for, and the allotment of each share shall be not less than the par value of the same. The Company proposes to sell its own shares, but in the event that fiscal agents are employed, then they will be paid a commission not exceeding 20 per cent. of the par value of shares sold by them, and no share certificates will be issued by the Company until such shares have been paid for in full at par.

It is anticipated that these shares will become worth many times their par value and that they will earn large dividends for the next 30 years and longer.

It is proposed to do further sinking and tunnelling in the main shaft to block out ore, and to take out the ore in large quantities to feed the concentrating mill, and to install additional machinery and water-power plant to efficiently operate on a large tonnage of ore.

The mining operations are to be carried on on the Company's property known as "Silver Fox" and adjoining mineral claims, situate on Anderson Creek, flowing into Babine Lake, in Omineca Mining Division, in British Columbia.

Extracts from Mining Report

By R. C. Campbell-Johnston, Esq.

A mining report regarding certain Gold-Silver-Lead-Zinc Mineral Claims belonging to the "Taltapin" Mining Company Limited, of Vancouver, B. C., situated along the banks of Anderson Creek, connecting Taltapin and Babine Lakes, entering the latter waters about fifteen (15) miles down from the "portage" from Stuart to Babine Lakes, in the Omineca Mining Division of the Province of British Columbia, in the Dominion of Canada.

Compiled by Ronald Campbell Campbell-Johnston, Mining, Geological and Metallurgical Engineer.

(Registered under the "Engineering Act" of the Province of British Columbia, July, 1926.)

Introductory Preamble and Synopsis

addressed to

The Board of Directors,

"Taltapin" Mining Company Limited,

Room 612, Vancouver Block,

736 Granville Street,

Vancouver, B. C.

Gentlemen:

Acting under your instructions, the writer left Vancouver on June the second ultimo, returning on the twenty-sixth, having been absent during twenty-three days.

When reaching Burns Lake on his way out, namely, June 20, he forwarded your secretary, Mr. W. D. Gillespie, the following telegram: "Have now finished exhaustive examination your Company's property, and am rendering report on receipt assay returns from many samples taken covering every point. I consider that, owing certainly to splendid energy of Mr. Arthur Wood, your Company possesses exceptionally valuable mine, with every chance to block out very extensive ore-tonnage soon and good grade milling, to pay substantial dividends on big capital for next thirty years or more. I strongly recommend present shaft be energetically continued down to over three thousand feet, with drifts and intermediate stopes run from same at hundred-foot levels to cut at depth the present eight wide veins seen outcropping along the surface of ground already, with probably others, all eight carrying apparently promising values, while permitting great opportunities for stopes to allow large daily output ore to feed concentrating mill. I heartily congratulate company on possessing such an extraordinarily promising mine. Will discuss best methods procuring ample British capital to thoroughly operate this mine on large scale when presenting my finished mining report.

"(Signed) R. C. CAMPBELL-JOHNSTON,

"Mining Engineer."

There were taken in all seventeen (17) samples, the original signed sheets being contained in report, covering all points of importance in the mine, and among these, the assay returns of the first eleven (11) samples, whose situations, from where obtained, will be later described in the body

of this mining report in full detail, gave an average per ton mined, as follows:

Gold, 0.01 oz.	\$ 0.20
Silver, 4.40 oz., at New York prices 65.7/8c per oz.	2.63
Copper (present in three samples), 0.50 per cent.—10 lb.	Nil
(Balance of eight samples contained amounts of negligible quantities.)	
Lead, 9.25 per cent.—185 lb. at 8.25c per lb.	15.26
Zinc, 5.67 per cent.—113.4 lb. at St. Louis 7.15c per lb.	3.40

Gross values, without usual deductions \$26.19

These above samples mostly represent undeveloped outcrops of eight (8) veins, these same only slightly stripped, but being sufficient to demonstrate that minerals of commercial values are assuredly present along the surface in each individual vein, but, however, the values shown do not demonstrate any ore-tonnages as being already blocked out.

The average contents of the other six (6) samples taken, constituting ores, while present in the shaft, yet not so far blocked out in tonnage, as well as from the high-grade vein, opened in the creek bed, near the foot of the long ladder, showing in the photographs, and lying adjacent to the shaft (see section of shaft workings), proving that much higher values have been duly met after some extensive development has been carried out.

These six (6) samples gave average contents, as follows, per ton (2000 lbs.) mined:

Gold, 0.57 oz.	\$ 11.40
Silver, 131.8 oz., giving gross values	65.78
Copper (which seems to constitute the gold carrier), 4.4 per cent.—28 lb. at 13.7/8c per lb. New York	5.88
Lead, 11.53 per cent.—237.6 lb.	19.60
Zinc, 22.40 per cent.—44.8 lb.	32.03

Gross values, without usual deductions \$152.69

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Character and Values of Ore Bodies

The samples taken in sequence, and now expanded for their gross values, the net values being later considered when discussing the treatment of the ore-bodies, give the following results:

Sample	GOLD Oz.	SILVER Oz.	COPPER Per cent.	LEAD Per cent.	ZINC Per cent.
1.	0.01—\$0.20 at \$20.00 p. oz.	3.3—\$2.17 at 65.7/8c	.....	14.8—\$24.66 at 8.25 p. lb.	6.8—\$7.72 at 7.15c p. lb.

Gross Value \$34.75, without deductions for loss and treatment.

	GOLD	SILVER	COPPER	LEAD	ZINC
Sample	Oz.	Oz.	Per cent.	Per cent.	Per cent.
2.	0.02—\$0.40	12.9—\$8.51	.....	4.3—8.6 lb. \$0.75	6.7—134 lb. \$10.34
	E. & W. broken outcrop, near foot of long ladder.				
	Gross \$20.00				
3.	Trace	3.1—\$2.04	0.8-16 lb.	11—220 lb.	0.8-16 lb.
	E. W. 380 ft. north of No. 11				
	Upper bridge.				
	Gross \$20.19				
4.	0.02—\$0.40	3.6—\$2.59	.....	5.4—108 lb. \$8.91	0.8-16 lb. Nil
	E. & W. North 100 ft. of No. 3, 35 ft. wide showing.				
	Gross \$11.90				
5.	0.01—\$0.20	3.3—\$2.17	.....	4.2—84 lb. \$6.93	0.7-14 lb. Nil
	E. & W. 80 ft. from No. 4, 3 ft. wide.				
	Gross \$9.30				
6.	0.01—\$0.20	3.4—\$2.24	.....	16—332 lb. \$25.29	0.6—12 lbs Nil
	Probable outcrop of high-grade vein, on top of bluff, across creek from shaft.				
	Gross \$27.73				
7.	0.01—\$0.20	2.3—\$1.51	.....	34—68 lb. \$5.61	5.4—108 lb. \$7.72
	Outcrop of vein, between lower bridge and shaft, east side of creek.				
	Gross \$15.04				
8.	0.01—\$0.20	1.9—\$1.23	.....	2.1—42 lb. \$3.46	18.5—370 lb. \$26.45
	Same vein as No. 7 in tunnel at creek level.				
	Gross \$31.34				
9.	0.01—\$0.20	11.3—\$7.70	0.5—10 lb.	21.6—432 lb. \$35.64	24.6—492 lb. \$35.17
	Vein at foot of ore-dump by shaft.				
	Gross \$78.71				
10.	Trace	1.1—\$0.76	0.3—6 lb.	9.7—194 lb. \$16.00	0.2 Nil
	"Silver Fox Fractional" 300 ft. E. of line.				
	Gross \$16.76				
11.	Trace	2.0—\$1.31	.....	8.6—172 lb. \$14.10	0.5 Nil
	E. & W. ledge, 20 ft. wide, near upper bridge.				
	Gross \$15.41				

Of the seventeen (17) samples in all, the assay returns for the first eleven give an average per ton (2000 lb.) mined of \$25.50 gross, containing approximately:

Gold	0.01 oz.
Silver	4.40 oz.
Copper	Negligible
Lead, 9.25 per cent.	185 lb.
Zinc, 5.67 per cent.	113 lb.

These samples all represent undeveloped outcrops of eight strong veins, slightly stripped along surface merely to indicate that minerals of commercial value are present in all, but they do not represent ore-tonnage, as blocked out.

	Au. (Gold)	Ag. (Silver)	Cu. (Copper)	Pb. (Lead)	Zn. (Zinc)
12. "Last Shot"	0.02—\$0.40	26.2—\$17.26	3—60 lb.	2.6—52 lb.	
The sinking-pump-rod broke while preparing the mine shaft for the writer's examination, so this sample was taken at the last possible moment, before the water rose up.			\$4.95	\$3.71	

Gross \$26.32

13A. 1.02—\$20.40	321.8—\$211.98	4.2—84 lb.	17.2—344 lb.	25.2—504 lb.
Sample taken down the shaft at 35 ft., behind the lagging.	\$11.18	\$28.38	\$36.03	

Gross \$307.97

14B. 0.14—\$2.80	5.1—\$3.76	Nil	19.5—390 lb.	15.9—318 lb.
Taken 65 ft. down shaft.			\$34.12	\$22.73

Gross \$63.43

15C. 0.66—\$13.20	133.3—\$101.00	1.4—28 lb.	13.3—266 lb.	27.5—550 lb.
Taken at foot of ladder in Anderson Creek, leaving 60 ft. yet to sink in shaft to cut this.	\$3.85	\$21.94	\$39.32	

Gross \$179.31

16D. 0.64—\$12.80	103.7—\$68.31	1.5—30 lb.	7.4—148 lb.	34.6—692 lb.
Taken from same vein as C.	\$4.12	\$12.21	\$49.4	

Gross \$146.92

17E. 0.92—\$18.40	190.6—\$118.97	1.2—24 lb.	10.9—218 lb.	28.6—572 lb.
Sample from high-grade vein exposed in Anderson Creek.	\$3.30	\$29.07	\$40.9	

Gross \$210.64

The average value from the above six samples, being the average contents per ton mined, as follows:

Total sum—\$155.76, representing:

Gold	0.57 oz.
Silver	131.80 oz.
Copper	1.55 per cent., or 31 lb.
Lead	11.8 per cent., or 236 lb.
Zinc	22.4 per cent., or 448 lb.

These six samples represent character of ore developed at depth from the outcrop down, showing the prospects ahead when the shaft is continued down to three thousand (3000) feet and more, while drifts and intermediate stopes are being driven to systematically block out ore, to mine and crush in the concentrating mill, in order to pay substantial dividends on a considerable paper capital of two or more million dollars.

* * * * *

Probable Acreage of "Taltapin" Group

Since the mine is already advanced enough in development to now justify the installation of heavier machinery to continue down a three- (3) compartment shaft, reaching to at least the three thousand (3000) foot level and more, such as cages to bring up and lower the men; larger sinking pumps for greater flow of water; to raise heavier loads of ore; so greater horse-power to move powerful boilers and engines; air compressor for machine drills and diamond drilling; electrical power for lighting and other purposes, as hauling underground, with many similar uses. Then, also, a concentrating and oil flotation mill will soon be erected to treat at least one hundred (100) tons of milling ore per diem; so it is wise to look ahead and provide ample mineral zone to keep this Company paying dividends and to provide sinking funds for certainly the next thirty (30) years and more.

* * * * *

Water Supply and Horse-power

There is a splendid chain of lakes, comprising the Taltapin Lake system of waterways, the main lake $9\frac{3}{4}$ miles long, and three small ones which can be dammed back over a distance of seven (7) miles to preserve a great water supply at all periods, in an immense reservoir, by means of a fifty- (50) ft.-high dam about. The size of the average flow of water, though not yet accurately measured, or the mean rainfall ascertained, but placed at 25 inches, is at least fifty feet wide by four feet deep, a rapid current, all white, broken water, so at least twelve (12) feet fall to the mile capable of being harnessed to supply a very large force of certainly a minimum of thirty thousand (30,000) horse-power.

* * * * *

Work Accomplished and Proposed

By referring to the plan, showing a section of the shaft on the "Silver Fox" claim, and also to the map of the whole "Taltapin" Group, showing the situation of at least eight (8) veins, already actually traced at intervals for considerable distances through the property, having also marked and numbered the locations from which each sample was taken, these plans will make a description of the work accomplished and proposed more clear. Commercial values of assays have been worked out under heading "values of ore."

Reading then from south to north on the plan, near the south line of the "Silver Fox," but actually on the "Silver Marten," by the upper bridge, a strong east and west vein was found, dipping north at an angle not yet known for certain, being about four (4) feet wide on the outcrop, crossing

the creek, and has been shown in the creek bed. Sample 11 was taken from this outcrop, and although it does not represent any special tonnage of ore blocked out, yet it strongly confirms the presence of mineral, of commercial milling ore, and gives promise for development. The assay certificate reads: Sample 11—Gold, trace; Silver, 2.0 oz.; Copper, 0.3 per cent.; Lead, 8.6 per cent.—172 lb. gross; Zinc, 0.3 per cent.

Three hundred feet towards the south, still on the "Silver Marten" claim, a strongly mineralized quartz vein shows up, with no work carried out so far. It strikes east and west, and dips north. Width on outcrop about two feet wide and more across. Chalcopyrite shows in the gangue, but no sample was taken, as development was necessary. A strong mineral pull here put the magnetic compass out.

At a distance of 350 feet from boundary line of claim, continuing towards the north, another strong, continuous east and west vein, dipping north, shows for about two feet wide on the outcrop. This vein can be seen crossing the creek to the west, and also traverses the "Silver Fox" fraction and "Le Croix" claims towards the east. Here Sample 3 was taken, showing: Gold, trace; Silver, 3.1 oz.; Copper, 0.8 per cent.; Lead, 11 per cent.—220 lb.; Zinc, 0.8 per cent. Although 350 feet away, the above returns compare very favorably with Sample 11.

Going northerly again for a distance of 100 feet, another very strong vein outcrops four feet wide, dip 35 degrees from horizon to the north is met with, striking east and west.

A tunnel from the creek bed was run for 73 feet easterly to intersect the junction of this vein with a north and south one, dipping 35 degrees west, at a depth of 4 feet vertical, but this tunnel must be deflected about 22.6 feet to the south to accomplish results. Sample 4 was taken 200 feet east of creek, and from an outcrop on surface. The returns gave: Gold, 0.02 oz.—\$0.40; Silver, 3.6 oz.; Lead, 5.4 per cent.—103 lb.; Zinc, 0.8 per cent.

Across the creek from this tunnel, Sample 2 was taken, representing a vein 4 ft. 6 in. wide, being a faulted vein, but although connected with the high-grade vein, its dip is north at 80 degrees. This is the south leg of the dome structure, shown in some of the photographs, where the direction of movement by later intrusive eruptives has faulted this south spring to the arch. The assay certificate gives: Gold, 0.02 oz.—\$0.40; Silver, 12.9 oz.; Lead, 4.3 per cent.—86 lb.; Zinc, 6.7 per cent.—154 lb.

Sample 1 is from an east and west vein at water level in the creek, dipping south, instead of north, and gives: Gold, 0.01 oz.—\$0.20; Silver, 3.3 oz.; Lead, 14.8 per cent.—296 lb.; Zinc, 6.8 per cent.—136 lb.

This is connected by a fault with Sample 2 vein. The first vein it is expected to meet with a tunnel about 65 ft. long, run from the shaft, at the 150-ft. level.

There is an east and west vein, dipping north, standing 80 feet south of shaft, being three feet across at outcrop. Sample 5 was taken here. The assay returns give: Gold, 0.01 oz.—\$0.20; Silver, 3.3 oz.; Lead, 4.2 per cent.—84 lb.; Zinc, 0.7 per cent.

Sample 6 was taken at the outcrop 60 feet above the creek, on the east side of the creek; it is connected with the faulted vein on the west side of creek. The returns give: Gold, 0.01 oz.—\$0.20; Silver, 3.4 oz.; Lead, 16.6 per cent.—332 lb.; Zinc, 0.6 per cent.

This same vein is tapped by a tunnel (100 feet long) 60 feet below at the creek, which tunnel has now caved in. Sample 8, was taken here at the tunnel and gives: Gold, 0.01 oz.—\$0.20; Silver, 1.9 oz.; Lead, 2.1 per cent.; Zinc, 18.5 per cent.—370 lb.

One hundred and thirty feet away from Sample 5 on east side of creek, to north, an east and west vein, dipping north, comes in. It has a junction above the creek, opposite the shaft with the high-grade vein, striking north and south, dipping west.

Ore at the outcrop, leached out, but showing very heavy mineralization. Sample 7, taken here, gave: Gold, 0.01 oz.—\$0.20; Silver, 2.3 oz.; Lead, 3.4 per cent.; Zinc, 5.4 per cent.

A vein shows across at the foot of the shaft ore dump. Sample 9 was taken here and gives: Gold, 0.01 oz.; Silver, 11.8 oz.; Copper, 0.5 per cent.; Lead, 21.6 per cent.—452 lb.; Zinc, 24.6 per cent.—492 lb.

Sample 10 was taken from an outcrop showing mineral on the "Silver Fox Fractional," 300 feet east of the line, on an east and west vein, elevation 400 feet above Anderson Creek. It extends on to the "Le Croix," a crown-granted mineral claim. The returns gave: Gold, trace; Silver, 1.1 oz.; Lead, 9.7 per cent.—194 lb.; Zinc, 0.2 per cent.

When pumping out the shaft for examination, one of the side rods of the Worthington pump broke, and, before the workings became flooded, Sample 12 was taken in the drift. The returns gave: Gold, 0.02 oz.—\$0.40; Silver, 26.2 oz.; Lead, 3.0 per cent.; Zinc, 2.6 per cent.

The following samples were taken from ore from the shaft, and from ore at the foot of the long ladder, standing in the creek from the ore-dump, the returns gave:

- 13A. Gold, 1.02 oz.; Silver, 321.8 oz.; Copper, 4.2 per cent.; Lead, 17.2 per cent.; Zinc, 25.2 per cent.
- 14B. Gold, 0.14 oz.; Silver, 5.1 oz.; Copper, nil; Lead, 19.5 per cent.; Zinc, 15.9 per cent.
- 15C. Gold, 0.66 oz.; Silver, 153.0 oz.; Copper, 1.4 per cent.; Lead, 13.3 per cent.; Zinc, 27.5 per cent.
- 16D. Gold, 0.64 oz.; Silver, 103.7 oz.; Copper, 1.5 per cent.; Lead, 7.4 per cent.; Zinc, 34.6 per cent.
- 17E. Gold, 0.92 oz.; Silver, 180.6 oz.; Copper, 1.2 per cent.; Lead, 10.9 per cent.; Zinc, 28.6 per cent.

The plan of the cross-section of the shaft gives the scheme proposed for future development of this Taltapin property to extract tonnage of ore for milling and concentrating purposes, to obtain valuable returns, in order to pay dividends and sinking funds, to offset all monies spent already, and afterwards.

By noticing the dips of the veins discussed, as well as their strikes, it will be seen that the most expeditious way to accomplish success in the immediate future is to turn the present two- (2) compartment shaft, having a man-way and a hoist-way, into a three- (3) compartment shaft, with an extra compartment to carry a cage to raise and lower the men, instead of their walking down the ladders as at present. The man-way, however, must be maintained, in case of any accident to rope, cage, lining of shaft, or any other emergency, as fire, underground.

Before long the government insists that a second shaft be sunk for air ventilation, one being a downway for air, and the other an upway; also to

expedite the hoisting and lowering of men from and to the underground workings when a large crew is being employed below ground. To hasten all operations, an air compressor must be installed to work machine drills and diamond drills. Heavy pumps, cages, substantial hoists with engines, and boilers of ample horse-power all have to be at once installed. The writer at present, however, is not prepared to itemize each installation with costs without getting estimates and competitive quotation figures from the several machine manufacturers in Great Britain and elsewhere.

As soon as the shaft commences to go down to three hundred feet, and keeps going down, then drifts will be run at 150-ft. levels to allow for intermediate stopes, to permit miners to take out and have hoisted, at first, at least one hundred tons of ore daily, an output to be continually increased as ore is blocked out, to justify so increasing the output.

A mill to grind, separate the different classes of metals, and concentrate the values, will be tried out carefully by research, and duly erected afterwards.

An electrical plant for horse-power is an immediate essential to save the great expense of cordwood or oil.

A sawmill to prepare lumber for buildings, square set timbers underground and dimension baulks is also a necessity.

The present road from the nearest railway station on the Canadian National Railway requires a two and a half per cent. grade over the intervening height of land. Then all tree stumps have to be pulled by tractor power, a plough drawn by tractor and also a grader for drawing filling material to the centre of roadway, and then ballasting with gravel, so that five-ton motor trucks can come and go easily.

This work is of prime immediate importance, and perhaps assistance to the extent of fifty per cent. cost may be given by the Provincial Government.

Mining Costs and Profits.

It is necessary, to be certain of the actual costs per ton of ore mined, to accurately know what is really commercial ore.

So the following itemized figures are here given to permit any increased charges to be allowed for, and therefore added against the value of any ore mined:

COST SHEET PER TON:

Drilling	\$ 0.46
Blasting .....	.05
Explosives .....	.16
General Mine Supplies .....	.04
Mine Lighting, Candles, etc. ....	.02
Mine Lighting, Electric .....	.02
Blacksmithing .....	.04
Tramming and Shovelling, direct ..	.28
Tramming and Shovelling, apportioned ..	.12
Timbering (labor) .....	.29
Timbering (material) .....	.12
Machine Drills, Fitting and Repairs ..	.08

Carried forward.....\$ 1.68

COST SHEET PER TON	Brought forward.....	\$ 1.68
General Mine Labor .....		.15
Tramming Underground .....		.25
Compressed Air .....		.11
Ventilation .....		.02
Assaying .....		.05
Surveying Underground .....		.02
General .....		.27
Royalty to Government, 2 per cent. net, say...		.50
Royalty to Flotation Patentees, say .....		.06
Development, per ton .....		.74
Concentration Mill, with Transportation		1.00
Direct Shipment and Freight and Treatment (10 tons mined to 1 ton concentrates)....		5.00
Brokerage .....		.10
Total.....		\$9.93

Count total costs, then, at per ton mined \$10.00

Raising, per foot	\$38.60
Drifting, per foot	18.19
Winning, per foot	59.01
Diamond drilling	3.00

Take the first eleven samples assayed at average value
of ore per ton (2000 lb.) mined, of gross..... \$25.50

Yielding approximately, allowing for deductions
and loss in treatment—

Gold recovered	10
Silver, 4 oz.	2.60
Copper—negligible.	
Lead, 8 per cent.—160 lb.....	12.80
Zinc, 3 per cent.—60 lb.....	4.00

Say, about total paid for \$19.50

Profit per ton at minimum value, say 9.50

100 tons per diem for 300 working days—
30,000 tons treated yearly. Total profits

per year, in two years..... \$285,000.00

Or allow 300,000.00

By two years it is legitimate, with eight (8) veins already proven to carry ore in commercial values, to expect this yearly amount of ore treatment to be doubled and trebled, and that gain continued afterwards for a long period, more especially with the splendid area of ground it is suggested that your Company now acquire.

Markets for Metals Produced

As the prices for metals show today, the demand is good and steady.

Take London prices:

Lead stands at £20, 5s. per long ton; equal to about 6c per lb.
 Spelter, £52, 10s.; equal to about 7.5c per lb.
 Silver, 30.1 16d. per oz.
 Gold, 84s. 11½d.

The Dominion of Canada has gone back now to the gold standard.

Conclusions and Deductions

It has been shown in this report that the cost of producing a ton of ore is around \$10.00 per ton; that surface assays of eight (8) veins already give a gross return of \$25.50, or a minimum return of about \$20.00 per ton, yielding a profit of around ten dollars per ton mined; this although very much higher values have come into the shaft. On a treatment of 100 tons per diem, for 300 days in the year, this amount should show a profit at least of \$300,000.00 per annum, which is keeping everything in the way of profits down to a minimum degree.

The writer has endeavored to make this report as exhaustive and ample as possible at present to cover all questions and contingencies likely to crop up. The facts and data concerning the ore in the mine, values, costs of extraction, transportation, equipment and treatment charges have each been carefully tabulated and the methods explained in detail. Copious photos and numerous maps are given to make matters more easily understood.

Granting, then, that these facts and statements are justified, for they have been based on good evidence, the conclusions and deductions here enumerated must be sound and reliable, namely, that here is an extremely valuable mining property likely to carry very large tonnage for future use, affording good profits, long life, and so will become a substantial dividend-payer, capable of repaying the total purchase price, cost of development and equipment, all by sinking funds spread over ten years, with a large dividend, if operations are energetically pushed, after complete organization, say, in two years, for more than a full generation.

(Signed)

RONALD CAMPBELL CAMPBELL JOHNSTON,

Miner, Geological and Metallurgical Engineer.

(Registered under the "Engineering Act" of the Province of British Columbia.)

STATUTORY INFORMATION

1. The Company was incorporated on the 7th day of October, 1919.
2. The Registered Office of the Company is at 612 Vancouver Block, 756 Granville Street, Vancouver, B. C.
3. The liability of the members is limited, and no member shall be liable for any debt contracted or payable by the Company, and shall only be liable for the unpaid balance owing on the shares subscribed for by him.
4. The authorized capital is One Million Dollars, divided into One Million Shares of One Dollar each.
5. Under the Articles it shall be lawful for the Company to pay a commission to any person in consideration of him procuring or agreeing to procure subscriptions, whether absolute or conditional, for any shares in the Company, provided such commission shall not exceed 20% of the amount of such subscription.
6. The total amount of capital subscribed is 661,186 shares and the same is fully paid up.
7. There is no amount due from the Company in respect to mortgages.
8. The amount fixed as the minimum subscription is 25,000 shares payable in cash, and the same is to be used for machinery, and further development of the property and production of ore; and in particular it is proposed to expend \$2,000.00 for additional lamps; \$5,000.00 for additional machinery; \$10,000.00 for sinking and drifting through ore bodies; \$5,000.00 for a 30-ton a day mill; \$3,000.00 extra for men's wages until returns come in from ore shipments. The Company proposes to sell its own shares, but in the event that fiscal agents are employed, then they will be paid a commission not exceeding 20% of the par value of shares sold by them.
9. Particulars of the properties purchased and acquired by the Company are as follows:
 - (1) "Silver Fox" mineral claim, situate on Anderson Creek, flowing into Babine Lake, in Omineca Mining Division in British Columbia.
 - (2) "Kitchener" mineral claim, adjoining and lying North-east of Silver Fox mineral claim.
 - (3) "Lloyd George" mineral claim, adjoining and lying North-west of Silver Fox mineral claim.
 - (4) "Lucky Jim" mineral claim, adjoining and lying West of Silver Fox mineral claim.
 - (5) "Victoria" mineral claim, adjoining and lying South of Silver Fox mineral claim.
 - (6) "Silver Fox Fractional" mineral claim, adjoining and lying East of Silver Fox mineral claim.
 - (7) "Silver Marten" mineral claim, adjoining and lying South of the Silver Fox and Lucky Jim mineral claims.
 - (8) "Silver Marten No. 1" mineral claim, adjoining and lying West of Silver Marten mineral claim.
 - (9) "Silversides" mineral claim, adjoining and lying South of Victoria mineral claim.
 - (10) "Silversides No. 1" mineral claim, adjoining and lying South of Silver Marten mineral claim.
 - (11) "Silversides No. 2" mineral claim, adjoining and lying South-west of Silver Marten mineral claim.

- (12) "Sunset" mineral claim, adjoining and lying South of Silversides mineral claim.
- (13) "Sunset No. 1" mineral claim, adjoining and lying West of Sunset mineral claim.
- (14) "Sunset No. 2" mineral claim, adjoining and lying East of Silversides mineral claim.
- (15) "Sunset No. 3" mineral claim, adjoining and lying East of Sunset No. 2 mineral claim.
- (16) "Sunset No. 4" mineral claim, adjoining and lying South of Sunset No. 3 mineral claim.
- (17) "Sunset No. 5" mineral claim, adjoining and lying East of Victoria mineral claim.
- (18) "Le Croix" mineral claim, adjoining and lying East of Silver Fox Fractional mineral claim.
- (19) "Dolomite" mineral claim, adjoining and lying North of Dolomite No. 1 mineral claim, and adjoining and lying South of Sunrise No. 9 mineral claim.
- (20) "Dolomite No. 1" mineral claim, adjoining and lying North of Le Croix mineral claim.
- (21) "Dolomite No. 2" mineral claim, adjoining and lying West of Sunrise No. 9 mineral claim.
- (22) "Dolomite No. 3" mineral claim, adjoining and lying North of Dolomite No. 2 mineral claim.
- (23) "Dolomite No. 4" mineral claim, adjoining and lying West of Dolomite No. 3 mineral claim.
- (24) "Dolomite No. 5" mineral claim, adjoining and lying West of Dolomite No. 2 mineral claim.
- (25) "Snowstorm" mineral claim, adjoining and lying North of Lloyd George mineral claim.
- (26) "Grey Copper No. 1" mineral claim, adjoining and lying East of Le Croix mineral claim.
- (27) "Grey Copper No. 2" mineral claim, adjoining and lying North of Grey Copper No. 1 mineral claim.
- (28) "Grey Copper No. 3" mineral claim, adjoining and lying North of Grey Copper No. 2 mineral claim.
- (29) "Grey Copper No. 4" mineral claim, adjoining and lying North of Grey Copper No. 3 mineral claim.
- (30) "Grey Copper No. 5" mineral claim, adjoining and lying North of Grey Copper No. 4 mineral claim.
- (31) "Grey Copper No. 6" mineral claim, adjoining and lying North of Grey Copper No. 5 mineral claim.
- (32) "Grey Copper No. 7" mineral claim, adjoining and lying North of Grey Copper No. 6 mineral claim.
- (33) "Sunrise No. 1" mineral claim, adjoining and lying North of Sunrise No. 2 mineral claim.
- (34) "Sunrise No. 2" mineral claim, adjoining and lying North of Sunrise No. 3 mineral claim.
- (35) "Sunrise No. 3" mineral claim, adjoining and lying North of Sunrise No. 4 mineral claim.
- (36) "Sunrise No. 4" mineral claim, adjoining and lying North of Sunrise No. 5 mineral claim.
- (37) "Sunrise No. 5" mineral claim, adjoining and lying North of Sunrise No. 6 mineral claim.
- (38) "Sunrise No. 6" mineral claim, about $2\frac{1}{2}$ miles North of Silver Fox mineral claim, adjoining and lying North of Sunrise No. 7 mineral claim.

- (39) "Sunrise No. 7" mineral claim, adjoining and lying South of Sunrise No. 6 mineral claim.
- (40) "Sunrise No. 8" mineral claim, adjoining and lying North of Sunrise No. 1 mineral claim.
- (41) "Sunrise No. 9" mineral claim, adjoining and lying South of Sunrise No. 7 mineral claim, and adjoining and lying North of Dolomite mineral claim.
- (42) "Sunrise A" mineral claim, adjoining and lying East of Sunset No. 4 mineral claim.
- (43) "Sunrise B" mineral claim, adjoining and lying East of Sunrise A mineral claim.
- (44) "Sunrise C" mineral claim, adjoining and lying West of Sunrise D mineral claim.
- (45) "Sunrise D" mineral claim, adjoining and lying East of Sunrise C mineral claim.
- (46) "Sunrise E" mineral claim, adjoining and lying North of Sunrise C mineral claim.
- (47) "Sunrise F" mineral claim, adjoining and lying East of Sunrise E mineral claim.
- (48) "Sunrise G" mineral claim, adjoining and lying North of Sunrise E mineral claim.
- (49) "Sunrise H" mineral claim, adjoining and lying East of Sunrise G mineral claim.
- (50) "Sunrise I" mineral claim, adjoining and lying East of Grey Copper No. 2 mineral claim.
- (51) "Sunrise J" mineral claim, adjoining and lying East of Sunrise I mineral claim.
- (52) "Sunrise K" mineral claim, adjoining and lying East of Grey Copper No. 3 mineral claim.
- (53) "Sunrise L" mineral claim, adjoining and lying East of Sunrise K mineral claim.
- (54) "Sunrise M" mineral claim, adjoining and lying East of Grey Copper No. 4 mineral claim.
- (55) "Sunrise N" mineral claim, adjoining and lying East of Sunrise M mineral claim.
- (56) "Sunrise O" mineral claim, adjoining and lying East of Grey Copper No. 5 mineral claim.
- (57) "Sunrise P" mineral claim, adjoining and lying East of Sunrise O mineral claim.
- (58) "Sunrise Q" mineral claim, adjoining and lying East of Grey Copper No. 6 mineral claim.
- (59) "Sunrise R" mineral claim, adjoining and lying East of Sunrise Q mineral claim.
- (60) "Sunrise S" mineral claim, adjoining and lying East of Grey Copper No. 7 mineral claim.
- (61) "Sunrise T" mineral claim, adjoining and lying East of Sunrise S mineral claim.
- (62) "Macdonald" mineral claim, adjoining and lying North of Kitchener mineral claim.
- (63) Block 13 at Burns Lake Station, having trackage on C. N. R.

10. (a) By an Agreement in writing dated September 10th, 1919, Charles S. Anderson of Burns Lake, B. C., who has now acquired Crown Grant to the "Silver Fox" mineral claim, agreed to sell the same to Arthur Wood of 3613 Neville Street, in Burnaby, B. C., for thirty thousand dollars, payable on the terms as contained in the said Agreement. By an Indenture dated October 8th, 1919, the said Arthur Wood assigned all his right, title and interest in and to the said Agreement and the said "Silver Fox" mineral claim to the Company, in consideration whereof

the Company issued to the said Arthur Wood forty-five thousand shares of its capital stock as fully paid up.

(b) By an Indenture dated March 25th, 1926, Arthur Wood and Harriet Wood, both of 3613 Neville Street, Burnaby, B. C., Winslow David Gillespie of 612 Vancouver Block, Vancouver, B. C., and Minnie Lloyd of Clinton Street in Burnaby, B. C., assigned and transferred to the Company the said Lloyd George, Kitchener, Lucky Jim, Silver Marten, Victoria and Silver Fox Fractional mineral claims, for a consideration of One Dollar paid to them in cash.

(c) By an Option Agreement dated July 8th, 1926, the Company has the right to purchase the said "Le Croix" mineral claim from Guy Farrow of Burns Lake, B. C., for Three Thousand Dollars in cash.

(d) By an Agreement dated August 21st, 1926, the Company purchased the "Grey Copper No. 1" mineral claim from Robert H. Gerow of Burns Lake, B. C., for one thousand shares of its capital stock as fully paid up.

(e) By an Agreement dated August 17th, 1926, the Company purchased the "Silversides" mineral claim from Edmund F. Campbell of 3046—6th Avenue, West of Vancouver, B. C., for one thousand shares of its capital stock as fully paid up.

(f) By an Agreement dated August 18th, 1926, the Company purchased the "Silversides No. 2" mineral claim from Archibald H. Innes of 1182 Hastings Street East, Vancouver, B. C., for one thousand shares of its capital stock as fully paid up.

(g) The Company amalgamated with the Sunrise Mining Company Limited (N.P.L.), which had 39 valuable mineral claims, different to the Company's 10 mineral claims, and by an Agreement dated August 30th, 1926, the Company purchased from the Sunrise Mining Company Limited (N.P.L.) the said 50 mineral claims as follows: Snowstorm, Dolomite and Dolomite No. 1 to 5 inclusive, Grey Copper No. 2 to 7 inclusive, Silver Marten No. 1, Silversides No. 1, Sunset and Sunset No. 1 to 5 inclusive, Sunrise No. 1 to 9 inclusive, Sunrise 10 to 11 inclusive for five hundred and one shares of its capital stock as fully paid up.

(h) By an Agreement dated September 3rd, 1925, the Company purchased the "Macdonald" mineral claim from Hugh John Macdonald of Burns Lake, B. C., for one thousand shares of its capital stock as fully paid up.

(i) The said Lot 23, trackage on C. N. R. at Burns Lake, was purchased by the Company at a Tax Sale, from the Province of British Columbia, about six years ago, for about three hundred dollars in cash.

11. No debentures are proposed.

12. The services to be paid by the Company out of the proceeds of the subscription invited by this Prospectus are engineers' and sectional prices for installing additional machinery and material and developing the Company's property.

13. There are no founders' or management or deferred shares to be issued. There are only Common Shares which represent the complete holdings and profits of the Company.

14. The right of voting at meetings of the Company is by poll, and every member has one vote for each share of which he is the registered holder.

15. One thousand shares is fixed by the Articles as qualification of a Director.

16. Remuneration of Directors to be determined by General Meeting. No remuneration is at present payable to the Directors.

17. Under the Articles a copy of the Company's Annual Balance Sheet and the Report of the Directors and Auditors must be sent to the members of the Company.

18. The Directors of the Company are as follows:
 William Charles Stearman (Hardware Merchant), 613 Granville Street, Vancouver, B. C., subscribed for 1,355 shares in cash.
 Capt. David Baird (Manager), 300 Alexander Street, Vancouver, B. C., subscribed for 2,182 shares in cash.
 William Greenlee (General Contractor), 525 Seymour Street, Vancouver, B. C., subscribed for 1,746 shares in cash.
 Arthur Wood (Mining Engineer), 3613 Neville Street, Burnaby, B. C., subscribed for 2,868 shares in cash.
 Winslow David Gillespie (Barrister-at-Law, Solicitor, Etc.), 612 Vancouver Block, Vancouver, B. C., subscribed for no shares in cash.
19. The Auditors of the Company are Messrs. Hunter & Bazell, Chartered Accountants, of 416 Seymour Street, Vancouver, B. C.
20. During the last two preceding years \$5,345.75 have been paid for commission, and no discount has been allowed, in respect to the sale of shares.
21. No amount has been paid within the last two preceding years to any promoter.
22. The last Balance Sheet of the Company is as follows:

TALTAPIN MINING COMPANY LIMITED

Balance Sheet

at 31st August, 1926

ASSETS

Mining Claims	\$613,000.00
Mining Development and Other Expenses:	
General	\$52,372.13
Development	250.00
Real Estate	54,872.13
Commission on Sale of Shares	368.13
Deferred Expenses:	
Expenses re Increase of Share Capital	9,265.35
Royal Bank of Canada:	
Current Account, Vancouver, B. C.	276.00
George Westman, Trust Account, Vancouver, B.C.	\$30.47
A. Wood, in Trust, Burns Lake, B.C.	50
	24.27
	55.24
	\$689,876.85

LIABILITIES AND CAPITAL

Liabilities:

Accounts payable:

On Open Account, A. Wood	\$2,000.68
Other	249.17
	\$2,249.85

Deferred:

Balance under Agreement for Purchase of Mining Claims, Charles S. Anderson	27,100.00
	\$29,349.85

Loans:

Captain D. Baird	\$150.00
W. C. Stearman	150.00
	300.00

Total Liabilities \$29,649.85

Capital:

Authorized 1,000,000 Shares of \$1.00 each..... \$1,000,000.00

Issued:

595,000 Shares of \$1.00 each Fully Paid Up		
Otherwise than in Cash	\$595,000.00	
65,187 Shares of \$1.00 each Fully Paid Up in		
Cash	65,187.20	
		\$660,187.00
		\$682,876.85

Contingent Liability:

Notes under Discount at Royal Bank of Canada,
Vancouver, B. C. \$203.00

We have examined the Books and Accounts of the Vtrophic Mining Company Limited for the period from 1st January, 1926, to 31st August, 1926, and have prepared the foregoing Balance Sheet, which, in our opinion, is properly drawn up so as to exhibit a true and correct view of the state of the Company's affairs as at 31st August, 1926, according to the best of our information and the explanations given to us and as shown by the Books of the Company.

HUNTER & BAZELL,

Chartered Accountants.

Per "J. R. Bazell."

Vancouver, B. C., 7th September, 1926.

23. The Company's progress to date has been developed by installation of mining machinery and by sinking, tunnelling and diamond drilling, and roads, camps, buildings, etc., have been constructed, and the mine has been reported on by Mr. R. C. Campbell-Johnston.

24. The material contracts of the Company which may be inspected at the Company's Registered Office on any week day (except Saturday), from 2.00 to 5.00 p.m. are as follows:

- (a) Assignment of Mineral Claims, Arthur Wood, Winifred Davis, Gillespie, Hainet Wood and Minnie Lloyd to Company, dated March 25th, 1926.
- (b) Extension Agreement, Charles S. Anderson to Company, dated April 15th, 1926.
- (c) Option, Guy Farrow to Company, dated July 8th, 1926.
- (d) Agreement and Assignment, Edmund E. Campbell to Company, dated August 17th, 1926.
- (e) Agreement and Assignment, A. H. Innes to Company, dated August 18th, 1926.
- (f) Agreement and Assignment, Robert H. Gerow to Company, dated August 21st, 1926.
- (g) Agreement and Assignment, Sunrise Mining Company Limited (N.P.L.) to Company, dated August 30th, 1926.
- (h) Agreement and Assignment, Hugh John Macdonald to Company, dated September 3rd, 1926.
- (i) Mining Report by R. C. Campbell-Johnston, dated July, 1926.

DATED at Vancouver, B. C., this 14th day of September, A.D. 1926.

Witness:

E. C. MANLEY,
612 Vancouver Block,
Vancouver, B. C.

W. C. STEARMAN,
DAVID BAIRD,
W. D. GILLESPIE,
W. GREENLEES,
ARTHUR WOOD,
Directors.