## prospletus

## Cowichan

# "COMPANIES ACT" 

## PROSPECTUS

## COWICHAN COPPER CO. LTD.

(Non-Personal Liability)

July', 1953
(A copy of this Prospectus has been filed with) the Registrar of Companies

Location
South Shore of Cowichan Lake British Columbia, consisting of, license to mine and remove base metals on and from Block 107 Cowichan Assessment District, and 57 staked and recorded mineral claims in same location, as well as precious metal rights in 3 Crown Granted Mineral Claims, known as:

Lot 31G - "Blue Grouse" Mineral Claim
Lot 32G - "Blue Grouse" \#2 Mineral Claim Lot 33G - "Blue Grouse" \#3 Mineral Claim

Capitalization
$\$ 1,500,000$. divided into $3,000,000$ Shares of a par value of $50 \xi$ each.

- DIRECTORS -

| Joseph McBride | - | Plumbing Contractor |
| :--- | :--- | :--- |
| Norman Skidmore | - | Merchant |
| Lorne B. Kyle | - | Claims Agent |
| Leonard Stannard | - | Crane Operator |
| William P. Watson | - | Plumbing Contractor |
| John Thos. Watson | - | Plumbing Contractor |
| Oswood G. MacDonald | - | Plumbing Jobber |

## OFFICERS

| President | - | Oswood Guy MacDonald |
| :--- | :--- | :--- |
| Vice-President | - | Lorne B. Kyle |
| Secretary-Treasurer | - | William Preece Watson |

HEAD OFFICE
Suite 914 Birks Building 718 Granville Street
Vancouver, B.C.

CONSULTING GEOLOGIST
Dr. A. C. Skerl

TRANSFER AGENT
The Crown Trust Company
SOLICITOR
J. D. McPhee, Esq.

AUDITOR
Walter A. Jacklin \& Co.
BANKERS
The Royal Bank of Canada, Main \& 8th Avenue
VANCOUVER, B. C.

Dr. A.

C. Skerl, B.Sc., PhD.

Fellow of Geological Society, Associate Royal School of Mines and Diploma Imperial College of Science, London Member of Society of Economic Geologists, U.S.A.

## CONSULTING GEOLOGIST

states

## "1)

May 8th, 1953
There appears to be an excellent opportunity for developing several ore-bodies of chalcopyrite all within $800^{\prime}$ of the portal of the present tunnel.
2)

Other deposits are known at the Sunnyside workings and more are indicated by the geophysical work.
3)

The actual size and grades are not known but the old records suggest that an average grade of about $5 \%$ copper can be expected over widths from 3 to 15 feet and for lengths of up to 250 feet, according to the geophysical anomalies."

June 22nd, 1953
"In a north trending belt 2500 feet long and 1000 feet wide, fifteen anomalies have been found that indicate possible mineralization for a total length of 2500 feet. "

NOTE: Above June 22nd Geophysical results include: one anomaly which indicates possible mineralization for length of $450{ }^{\prime}$ and width of $100^{\prime}$;

Another anomaly of possible length - 1000 feet and width 400 feet; both of much higher readings.

Geophysical Survey is being continued to cover $90 \%$ balance of property including Sunnyside area.



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## PROPERTY

60 claims
3000 acres, base metal rights 500 acres, 2 groups Blue Grouse Sunnyside.

Year round operation.

## TRANSPORTATION ACCESSIBILITY

26 miles
pavement 2 miles good gravel roads

Railway
right onto
property.

Consists of 60 claims, 3 Crown Granted and 57 held by staking, covering two old properties known formerly as the Blue Grouse and Sunnyside Groups, which adjoin north and south and are situated one mile from south shore of Lake Cowichan, V.I. directly south of Youbou, lying between 1000 and 1500 feet elevation. These claims cover Timber Block 107 upon which we have a license to mine and remove the base metals. Block covers over 600 acres.

There is seldom any amount of snow that would constitute a problem and therefore we are assured of a year round operation.

The highway from Duncan to Honeymoon Bay is a first class pavement for 23 miles and 2nd class pavement for the remaining 3 miles. From there to Gordon Bay we have built an excellent gravel road a distance of 4000 feet. From Gordon Bay up to the mine we drilled, ditched and graded the old skid road for 6000 feet and it will now stand any amount of heavy traffic.

To the Sunnyside there is a branch road off from Lake road besides an excellent logging road running immediately under the mine workings.

The C. P. R. runs to Lake Cowichan which is within 9 miles of the mine. From there to Honeymoon Bay it is operated by the Alaska Pine Co. whose logging railway to Gordon River runs over the southwest corner of our property underneath the Sunnyside Group.

The C. N. R. runs through Lake Cowichan and along the north side of the lake to Youbou.
B. C. Power Commission transmission lines run into Lake
Cowichan

Power available.

## COWICHAN COPPER CO. LTD.

 (Non-Personal Liability)
## SHIPPING

New dock at Crofton. Another at Cowichan Bay to be renewed.

100 foot chute 500 ton ore bin.

CAMP \& MILL SITES

Ideal locations, ample water. No camps necessary.

GENERAL GEOLOGY

Volcanics, andesites, basalts, flows Older limestones.

Feldspar
porphory intrusives.

There are Dominion Government docks at both Crofton and Cowichan Bay out of Duncan 8 miles and 4 miles, respectively. These could be used at, very nominal rates for the shipment of either ores or concentrates; although the dock at Cowichan Bay will have to be renewed. The appropriation has been made but it probably will be a year before it is completed.

At the mine we have constructed a 500 ton ore bin and 100 foot chate to it from the portal of the tunnel, so that we can commence shipping ore won from development at any time.

There are ideal locations for both camp and mill sites at either Sutton Creek or the lake shore, with flat areas for mill tailing storage and ample water supply.

At present there is no need for the capital outlay nor the accompanying problems of camps, as we are close to three communities that afford accommodations for any crew; at least until the initial stages of development have been completed.

The oldest and most numerous rocks of the district are the volcanics made up of andesites, basalts and flows.

The limestones of the Sunnyside area which appear to be older, are finely crystalline and show very little development of the contact metamorphic minerals.

The rocks are intruded by a younger feldspathic porphory in clear cut but irregular dykes which are highly important since they are a constant associate of the ore and have also caused the metamorphism of the volcanics.

The geological map of the district by J. T. Files of the B. C. Dept. of Mines, indicates from dip of beds, a tight fold running northwest across Blue Grouse mountain. There is undoubtedly some faulting accompanying this folding as seen by the limestone blocks in the Sunnyside area and the several faults exposed in the main workings of the Blue Grouse.

STRUCTURE
folding, faulting, shearing.

MINERAL
Copper
Chalcopyrite

Gold
Silver.

OCCURRENCE usually in lenses in belt $1000^{\prime}$ wide 4000-5000' long. Possibly another $5000^{\prime}$ longer.
$90 \%$ of property as yet unexplored.

LENSES or ORE BODIES Several out-crops on each Blue Grouse, 3 claims.

DEVELOPMENT Ore $140^{\prime}$ still in ore both ends $43^{\prime}$ width average $5 \%$ copper.

Structure, essential to any major concentration of mineral, is in ample evidence here.

The mineral here is copper in the form of chalcopyrite, which when pure represents $34.62 \%$ copper. It is here in massive and disseminated form, in the volcanics, altered volcanics and garnetite zones, usually at or near the porphory contacts.

There are miner amounts of gold and silver which would not be paid for on ore shipped but would go a long way to defraying milling costs if concentrated.

The ore occurs in lenses within a metamorphosed belt which was originally estimated at 300 feet in width, since revised up to 700 feet and then again up to 1000 feet. This belt is from 4000 to $5000^{\prime}$ or more in length.- Both ends are open, having not been as yet determined beyond the two groups the Sunnyside and Blue Grouse and might quite possibly extend another 5000 feet north to the lake shore, and south beyond the Sunnyside.

The porphory intrusives are found elsewhere on the property and since only six claims have been explored there remain large areas that are potentially valuable.

On each of the three Blue Grouse claims there are several outcrops reported but the centre claim apparently having the largest and closely spaced (eight within 800 feet ) received the most attenttion in the way of development, by open cuts and one shallow crosscut and drift.

On what was considered the main lens was drifted on for 140 feet with ore still in both ends. In crosscutting this lens they crosscut 43 feet of ore that would average around $5 \%$ copper.

Two other lenses are reported to be $10^{\prime}$ wide and $50^{\prime}$ long, have ore at one end at least and would run $6 \%$ average.

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## SHIPMENTS

2500 tons shipped averaged 7\% copper. Carload averaged
$11.1 \%$ copper
1.5 oz . silver
0.08 oz . gold

DIAMOND DRILL
10.2'-5.81\%)
19. ${ }^{1}-6.40 \%$ )

171-4.61\%

PRESENT
DEVELOPMENT
Tunnel driven $421^{1}$.

Raise ${ }^{\prime \prime}{ }^{\prime}$

LENSES or ORE BODIES

Sunnyside indicates mill tonnage.

ORIGINAL
PLANS
FINANCING

Too slow and limited in perspective.

Time important Factor.

From these three cuts and another one north of the main lens some 2500 tons were shipped that was reported to average $7 \%$ copper.

One carload of closely sorted ore from the main lens gave a return of $11.1 \%$ copper; 1.5 oz . silver and 0.08 oz . gold per ton (Minister Mines Report 1916.)

In 1918 there was a limited amount of drilling done on these lenses that gave what can be considered satisfactory results. Three holes at different horizons on the main lens gave the following core assays, $10.2^{\prime}-5.81 \%$ and in the same hole $19.7^{\prime}$, of $6.40 \%$. In the next hole down they got $17.0^{\prime}$ of $4.61 \%$. The lowest hole returned only narrow widths of about $l$ and $2 \%$ at three intersections.

On this hole, is where we have continued the previous tunnel of a reported 83 foot heading to $481^{\prime}$ and have found out that there is a flat porphory intruding for most of the length of the hole to date and consequently there could be no appreciable ore here. There could be and probably is ore just above and below the tunnel. Hence we are now raising to intersect it. This raise is now up 35'. Ore below will be sought by diamond drill after the tunnel is further advanced.

On the Sunnyside, there are seven or eight outcrops, upon which there has been some shallow work done, in the way of short crosscuts and open pits. These have not been cleaned out nor sampled therefore are of indeterminate value at the present. However, there has been ore shipped from nere, some 500 tons that probably averaged around 5\%.

There are definite possibilities of outlining tonnage here for a mill. At the present we are now running a geophysical selfpotential survey of this area.

Our original plans and financing called for development of the main lens that had been diamond drilled, and with such ore won from development, to defray further exploration.

This has been definitely established as far too slow and limited in perspective to pursue further; for upon surface exploration it was obvious the mineralization was widespread and that there might well be other occurrences far larger and more important than the one we hitherto had considered the main lens.

Time was and is another factor worthy of consideration.

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- SELF - POTENTIAL GEOPHYSICAL SURVEY -

Dr. A.C.Sker1 recommends Geophysical Survey

## GEOPHYSICAL

Results very gratifying 6 anomalies, $850^{\prime}$ possible total length.

Belt of lenses 1000' wide 15 anomalies Possible total length $2500^{\prime}$.

Anomaly $450^{\prime}$
long.

Another Anomaly 800-1000' possible total length. $400^{\prime}$ possible width.

Diamond drill Underground Development required to define these anomalies.

Main lens anomaly pattern, indicating basis for judging others.

Survey being continued.

Hence it was decided to seek the advice of Dr. A. C. Skerl, a consulting geologist of accredited ability, application and achievement. It was his recommendation, after inspecting the property, that we conduct a self-potential geophysical survey.

This method of exploration to date has proven very successful and the results very gratifying. On the preliminary survey of sixteen days Dr. A. C. Skerl obtained a possible total length of 850 feet of 6 anomalies. Further, his map indicated we were verging on another anomaly that promised to equal all others to date.

On the second part of the survey, the belt of the lenses was shown to be 1000 feet wide and not as originally estimated, 700'. The number of anomalies was increased to 15 and the possible total length increased to $2500^{\prime}$.

One anomaly immediately west of the main workings and upon which there are two open pits from which ore was shipped, shows a possible length of $450^{\prime}$ and gave considerably higher readings than any previous.

Northwest from the tunnel another anomaly showed up which was totally covered and unsuspected in presence. This anomaly shows a possible length anywhere from 800 to 1000 feet and width of 400 feet. It also gave far higher readings than any other.

It remains for diamond drilling to determine what these anomalies actually represent and underground development to define their lengths, widths and grade.

However, the lens formerly considered the main lens, was used as a pattern and therefore surveyed first. The anomaly on this lens shows a possible length of 175' and width of 55'. The length corresponds to previous development underground, namely 140' with ore still showing at both ends. The width demonstrated by previous crosscutting was $43^{\prime}$ or $20 \%$ less than the anomaly indicated. This could be accounted for by the dip of the lens. The grade and width of ore in this lens is further demonstrated by the shipments made and the diamond drill results both quoted in the foregoing, under SHIPMENTS, DIAMOND DRLLL. From this data we have some basis upon which to form opinions of the anomalies indicated by the survey.

In the meantime the self-potential geophysical survey is being conducted to cover ground to the north and west.

## WORK

ACCOM PLISHED
in six months

## PROPOSED

PROGRAM
Establish value of the 15 anomalies.

Once established, underground development and mill warranted.

Trenching and diamond drilling estimated cost $\$ 50,000.00$.

Thus this offer of 200,000 shares @ 35k each.

## (Non-Personal Liability)

During the last six months since we commenced operations on the property we have - completed approximately 2 miles of road; erected two sheds, one for explosives, the other for tools, etc. built a 500 ton ore bin and $100^{\prime}$ ore chute; conducted a general geological survey of both groups; advanced the tunnel 421 feet; raised 35 feet; staked 44 additional claims; conducted a self potential geophysical survey in two stages and thereby increased belt of lenses from 300 to $1000^{\prime}$ in width, also increased the possible total length of lenses from $250^{\prime}$ to $2500^{\prime}$ and the possible total area of lenses from 40,000 square feet to 500,000 square feet, $80 \%$ of which have far higher readings than the main workings of old.

The first consideration now as Dr. A. C. Skerl states, is to establish the value of these anomalies by first bulldozing and stripping; to be followed by diamond drilling.

For once these are established, and if they follow the pattern of the original main lens, as can be expected; then there only remains for us to proceed with underground development and erect a mill of a size warranted.

To carry out the first consideration it is estimated we will require $\$ 50,000.00$ and it is for that express purpose that we make this offering of 200,000 shares at $35 \xi$ per share.

Taking into consideration: -
The Roads
. . Accessibility
Shipping facilities
Power Available
Present capital expenditure saving in camps Favorable geology Strong structures Wide belts of lenses of Chalcopyrite (copper pyrite) Ore-simple treatment - thus cheaper mill Wide widths and high grade Favorable diamond drill results, Bulk sampling by past shipments Recent rapid expansion of ore picture

Large potential value of property once value of present anomalies established.

All combine to make this a property of outstanding merit and this offering of 200,000 shares at only $35 \xi$ a share, an opportunity for the discerning investor that is seldom available.

(a) The Company was incorporated on the 7th day of October, 1952. The Registered Office of the Company is at Suite 914 Birks Building, 718 Granville Street, Vancouver, B.C.

The liability of the members is limited to the amount actually agreed to be paid for shares taken or held by them.

The authorized capital of the Company is $\$ 1,500,000.00$ divided into $3,000,000$ shares of a par value of $50 \%$ each.

The Company has an indebtedness of $\$ 15,000.00$ being the balance of the amount agreed to be paid to Oswood G. MacDonald under an Agreement dated the 6th day of October, 1952, payable as set forth in such Agreement and which represents the right to mine and remove base metals upon or under Block 107 Cowichan Lake District, Province of British Columbia, and subject to the terms, covenants and conditions under which the said Oswood G. MacDonald holds such rights as set forth in a certain Agreement made between British Columbia Forest Products Limited as Licensor, and Oswood G. MacDonald, as Licensee, which Agreement is dated the 22nd day of July, 1952, and amending Agreement dated the 6th day of October, 1952.

The Company has sold 400,000 shares. 200,000 of this at the price of $12-1 / 2 \xi$ per share, which netted the Treasury $\$ 20,640.00$ no commission having been taken on pre-organization subscriptions of $\$ 3,200.00$. The remaining 200,000 shares were sold at $15 \%$ per share, which netted the treasury $\$ 24,000.00$.
(b) The Company has carried on mining development work in the manner and on the properties as follows:

On the Blue Grouse 430 feet of cross-cutting and raising has been accomplished.

Geophysical survey of zone 4000 feet by 800 feet.
Has Geologically mapped in partial detail all Blue Grouse and Sunnyside workings.

Constructed 500 ton ore bin as well as two sheds for tools and explosives.

Rough graded approximately two miles of road.
(c) The number of shares offered by this Prospectus is 200,000 at the price of 35 ¢ per share to net the Treasury $28 \&$ per share. The 200,000 shares are offered at a discount of $30 \%$ and the commission allowed thereon is $20 \%$ or $7 \&$ a share, and the amount payable on the application for the allotments of each share is $35 \%$.
(d) No minimum subscription is required the Company having obtained a Certificate to commence business under date November 18th, 1952.
(e) There has been issued and allotted to the Subscribers for pre-organization shares totalling \$3, 200.00-25, 600 fully paid non-assessable shares.

The discount and commission are as set forth in (c) hereof.
(f) The particulars of properties acquired by the Company are as follows:

Licence to mine and remove all base metals from and off Block 107
Cowichan Lake District, Province of British Columbia subject to the terms and conditions contained in the Agreement with Oswood G. MacDonald dated the 22nd day of July, 1952, as amended by Agreement dated the 6th day of October, 1952. Staked and recorded mineral claims known as:
"S.S." No. 1-8 inclusive
"T. T." No. 1, 2, 3, 4, 8.
"T.T." No. 5, 6 \& 7 are now covered by the following staked and recorded mineral claims which are now in the process of being transferred to the Company for the staking and recording charges only:

Lakes - 6 claims
Oslynns 7 "
Swedels 7 "
Cowichan Copper 24 claims.
located in Block 107 and on the South side of Cowichan Lake, Province of British Columbia and recorded at Victoria, B. C. Precious mineral rights in and to Crown Granted Mineral Claims known as Lots 31G - 34G and 33G, Cowichan Lake District, British Columbia, have been acquired from R.W. Wyllie and recorded in the name of the Company.
(g) The full name, address and occupation of the Vendor of the properties under paragraph (f) hereof is as follows:

> Oswood G. MacDonald 300 East 7 th Avenue Vancouver, B. C. Plumbing Jobber.

The said Oswood G. MacDonald has acquired the rights as Licencee to acquire the base metal rights in and under Lot 107 Cowichan District for the price or sum of $\$ 20,000.00$ and subject to the terms, covenants and conditions contained in the Agreement made with the British Columbia Forest Products Limited, which Agreement is dated the 22nd day of July, 1952 as amended by Agreement dated the 6th day of October, 1952. The first payment of $\$ 5000.00$ has been paid and the next payment of $\$ 5000.00$ is not yet due.

The said Oswood G. MacDonald transferred to the Company the certain staked and recorded Mineral Claims "T. T." 1, 2, 3, 4, 5, 6, 7 and 8, all located June llth, 1952 and recorded June 19th, 1952, and has also transferred to the Company the staked and recorded mineral claims known as "S.S." No. 1-8 inclusive, of which claims 'S.S." No. l-4 inclusive were located on May l4th, 1952 and recorded May 20th, 1952 and "S.S." No. 5-8 inclusive were located June 11th, 1952 and recorded June 19th, 1952, which are now. recorded in the name of the Company,
with the exception of "T.T." No. 5, $6 \& 7$ which are covered by new stakings as set out in (f) hereof.

Oswood G. MacDonald assigned to the Company the Agreement which he held from R.W. Wyllie of Vancouver, B.C. to acquire the precious metal rights in, on or under Lots 31G-32G and 33G known as "Blue Grouse" Mineral Claims, located in the Cowichan Lake District and title to these minerals is now recorded in the name of the Company, free of encumbrances.

There has been issued to the said Oswood G. MacDonald and/or his nominees as consideration for the aforesaid claims and rights 750,000 fully paid non-assessable shares of the Company which are escrowed under the directions of the Superintendent of Brokers.

## Brokers

(h) No debentures are offered for subscription by this Prospectus.
(i) Other than as mentioned in paragraphs (e) and (g) hereof no amount has been paid or will be paid to any Promotor.
(1) There are no special rights or restrictions attached to the Shares offered by this Prospectus.
(2) All shareholders on record of the Company shall have the right to vote at all Shareholders' Meetings of the Company, and in case of a show of hands every member present shall have one vote, and on a Poll, every member shall have one vote for each share of which he is the registered holder.
(3) A Director must hold one share in the Company to qualify him as a Director.
(4) The remuneration of the Directors shall from time to time be determined by ordinary resolution.
(k) The full names, addresses and occupations of the Directors and the amount in each case subscribed by each of them for shares in the Company are as follows:

Shares
Lorne B. Kyle, 6857 Angus Drive,7501 Vancouver, B. C. Claims Agent
Leonard Stannard, 3976 McGill Street, 6001 North Burnaby, B. C. Crane Operator
William Preece Watson, 2439 William Street, Vancouver, B. C. Plumbing Contractor
John Thomas Watson, 2439 William Street, 'Vancouver, B. C. Plumbing Contractor
Oswood Guy MacDonald, 300 East 7th Avenue, Vancouver, B. C. Plumber
Norman Skidmore,
3951 Slocan Street, 13334 Vancouver, B. C. Grocer
Joseph McBride,
3053 East 22nd Avenue, 1000 Vancouver, B. C. Plumbing Inspector
(1) Full particulars of the nature and extent of every Director in the promotion of or in the property proposed to be acquired by the Company are fully set forth in paragraph (g) hereof.
(m) The name and address of the Auditor of the Company is:

Walter A. Jacklin \& Co. 850 West Hastings Street, Vancouver, B. C.
( n ) The Contract made between British Columbia Forest Products Limited as "The Company" and Oswood G. MacDonald as the "Licencee" dated the 22nd day of July, 1952, and the amending Agreement between the same parties dated the 6th day of October, 1952, and the Agreement between the said Oswood G. MacDonald and the Company, dated the 27 th day of October, 1952, as well as the Agreement between R. W. Wyllie and Oswood G. MacDonald dated the 10 th day of June, 1952, and the Assignment thereof to the Company dated the 22 nd day of October, 1952, may be inspected at the Registered Office of the Company, 914 Birks Building, Vancouver, B. C. from Monday to Friday inclusive between the hours of 10:00 A. M. and 4:00 P.M. (except holidays).

Joseph McBride
Norman Skidmore
Lorne B. Kyle
Leonard Stannard
William P。Watson
John Thos. Watson
Oswood G。MacDona1d

- DIRECTORS -

