

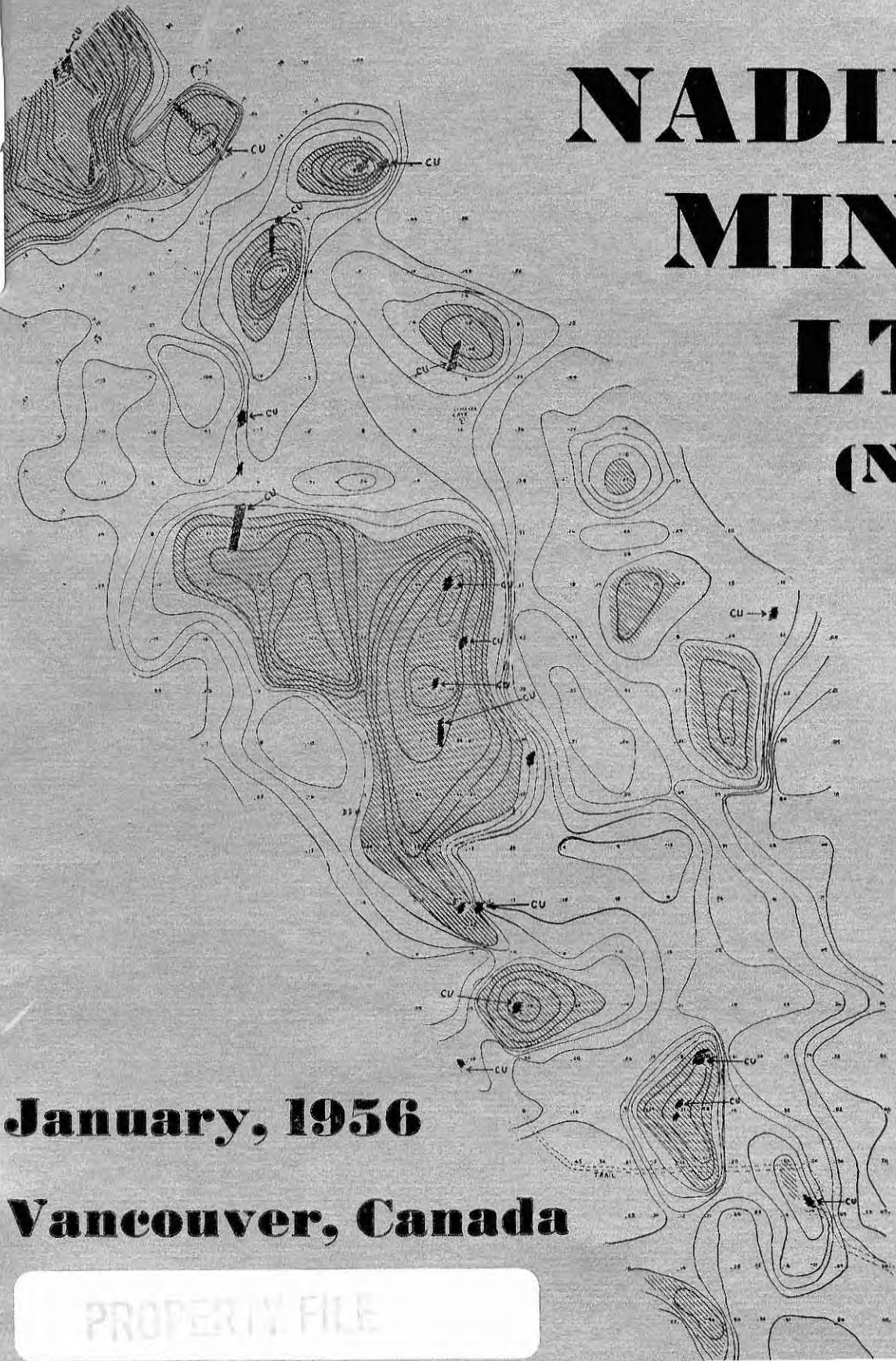
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# PROSPECTUS

# NADIRA MINES LTD. (N.P.L.)



**January, 1956**

**Vancouver, Canada**

PROPERTY FILE

"COMPANIES ACT"

N A D I R A M I N E S L T D .

(Non-Personal Liability)

JANUARY 16th, 1956

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

PROPERTY FILE

NADIRA MINES LTD.  
(Non-Personal Liability)

LOCATION

CAPITALIZATION

Outside of E & N Land Grant, Nitinat River  
Vancouver Island, British Columbia  
Consisting of 56 staked and recorded  
Mineral Claims, Barclay Land District,  
Alberni Mining Division.

5,000,000 shares, maximum  
selling price \$1.00 (One  
Dollar).  
No par value.

— DIRECTORS —

William M. Bennis	-	Plumbing Contractor
Alex Calles	-	Plumbing Contractor
David Whiting	-	Plumbing Contractor
Harold G. Watson	-	Chartered Accountant
Melvin E. Minaker	-	Executive
Alexander G. McKenzie	-	Salesman
Oswood G. MacDonald	-	Mine Operator

— OFFICERS —

President	-	Oswood G. MacDonald
Vice-President	-	David Whiting
Secretary	-	Harold G. Watson
Treasurer	-	Alexander G. McKenzie

— HEAD OFFICE —

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

— TRANSFER AGENT —

Crown Trust Co.  
569 Howe St. - Vancouver, B. C.

— SOLICITOR —

J. D. McPhee, Esq. - 914 Birks Bldg.  
Vancouver, B. C.

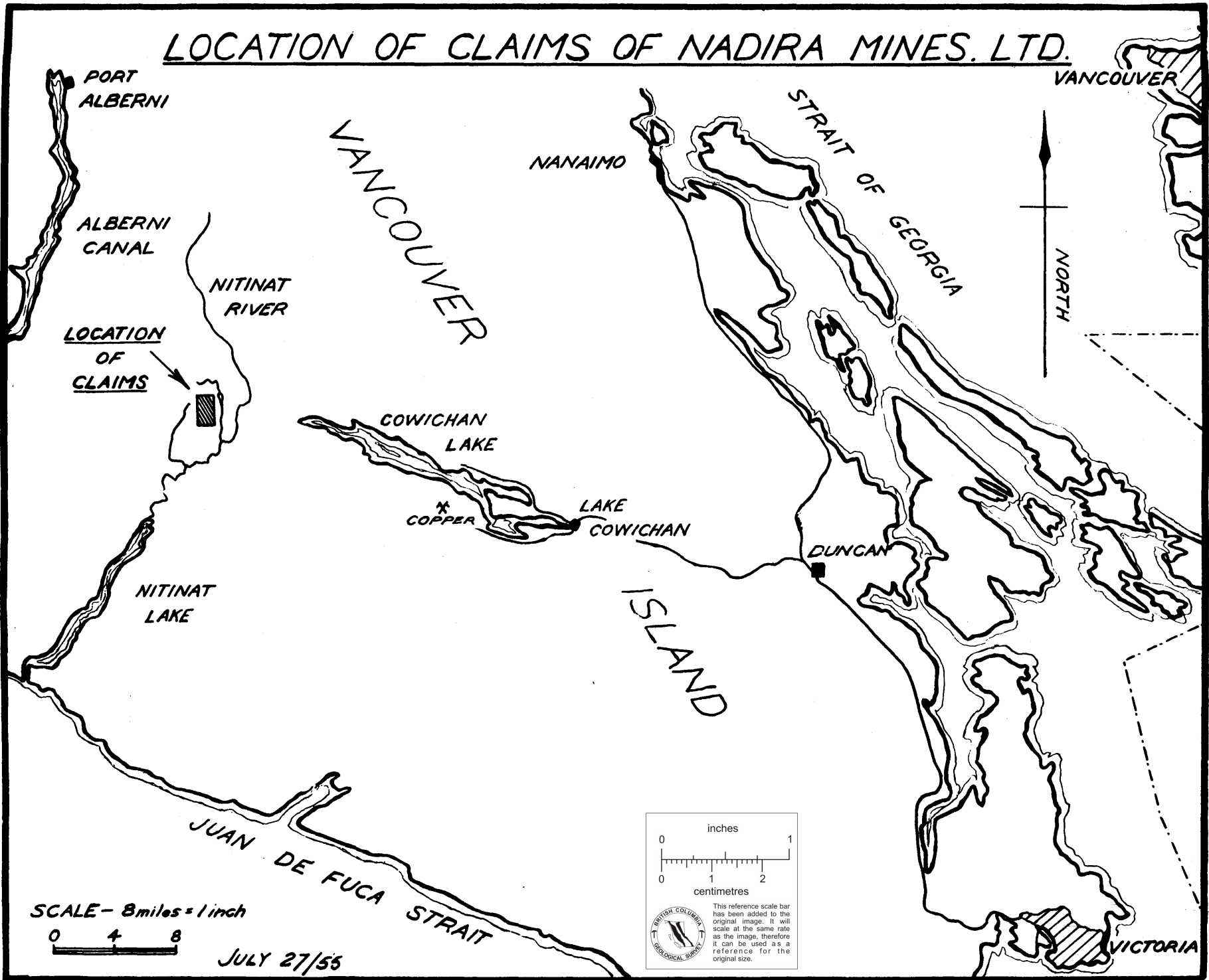
— AUDITOR —

Riddell Stead Graham Hutchinson  
626 West Pender St., Vancouver, B. C.

— BANKERS —

Royal Bank - Main & 8th Ave., Vancouver, B. C.

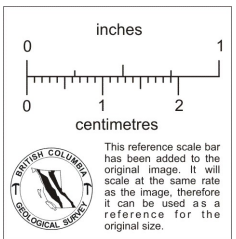
# LOCATION OF CLAIMS OF NADIRA MINES. LTD.



SCALE - 8 miles = 1 inch

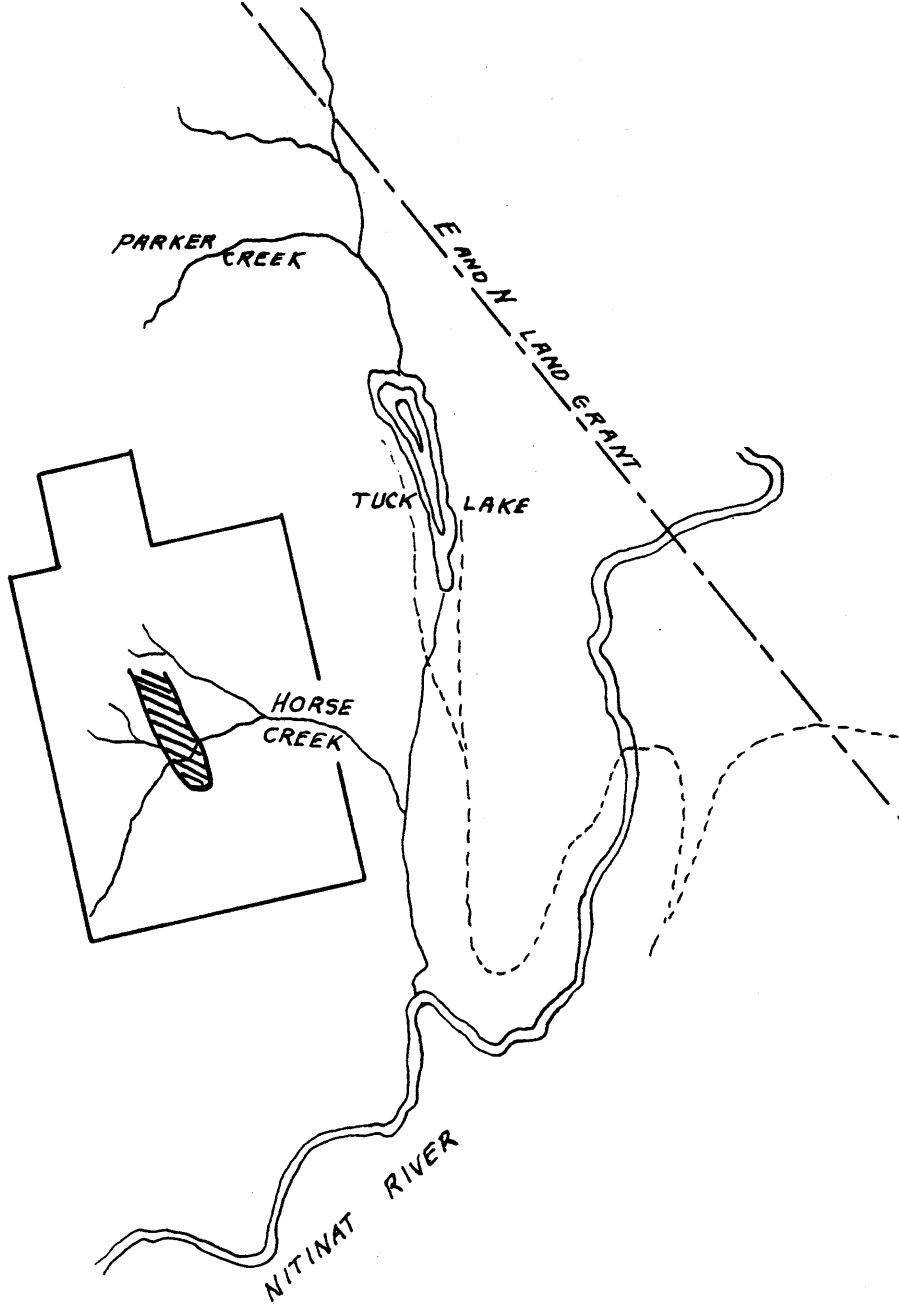


JULY 27/55




# NADIRA MINES LTD

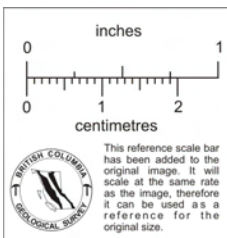
## CLAIM MAP



### LEGEND

- LOGGING RAILROADS
- - - BOUNDARY OF E AND N LAND GRANT
-  MINERALIZATION

SCALE 6000 FT = 1 INCH  
0 FT 6000 FT 12000 FT



JULY 27/55

NADIRA MINES LTD.  
(Non-Personal Liability)

PROPERTY

56 claims.  
All mineral  
rights.

Consists of 56 claims covering an old property formerly known as the Southern Cross and latterly as the Bornite; lying six miles approx. due west of the west end of Cowichan Lake; between the north and south forks of Horse Creek, a tributary of Parker Creek which flows south from Tuck Lake into the Nitinat River at a point three miles west of the western boundary of the E & N Land Grant.

2700 acres  
Year Round  
Operation

The Block of claims contains approx. 2700 acres and covers 15000' along strike and 4500' either side of zone and lying between 1000 and 2500 feet elevation. This combined with the relative small snowfall in this area assure a round the year operation.

ACCESSIBILITY  
TRANSPORTATION

Roads and  
Railways  
Available

There are roads and logging railways in the area which make it readily accessible and transportation no problem. We are presently negotiating for the use of these. Here we will require no more than two miles of road construction and to commence with, merely an access road for diamond drilling equipment and supplies.

WATER & POWER

Ample Water  
Power

The creeks here afford all the water that we will need for an intensive development program and probably enough for development power needs. When we reach the production stage we anticipate no difficulty in obtaining sufficient electric power for our requirements from the B.C. Power Commission.

SHIPPING

3 Points

There are three shipping points that will be available, namely, Nitinat Lake, Alberni and the east coast at Crofton or Cowichan Bay.

GENERAL  
GEOLOGY

Intrusives  
Volcanics  
Limestones  
Schists  
Slates  
Quartzites

Starting at Victoria, going northwest there is a broad belt known as Vancouver Volcanics, roughly ten miles wide, that persists through to the north end of the island, underlain by the Nitinat limestones which in turn are underlain by the Leech River slates, schists and quartzites which are sediments and the oldest rocks on the island. In this belt of Vancouver Volcanics are minor amounts or lenses of crystalline limestones termed the Sutton formation, supposedly contemporaneous with the Vancouver Volcanics. Saanich Granodiorite, an intrusive, occurs in fingers throughout the Vancouver Volcanics and sometimes as fairly large masses.

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Locally  
greenstone  
limestone  
feldspar-  
porphyry

Locally, near the mineralized zone, the rocks are fine-grained greenstones with small amounts of grey limestone, similar to Sutton limestones and Vancouver Volcanics, with green dyke-like masses of feldspar porphyry cutting the alteration zone.

STRUCTURE

Major  
Faulting

Cowichan Lake, Strait of Juan de Fuca are major faults with a northwest strike whereas Alberni Canal and Nitinat Lake are major faults running at right angles. Locally, Parker Creek would appear to be an eight mile long part of another major fault running north and south.

METAL

COPPER only  
base metal to  
increase in  
price and to  
maintain  
increase.

The metal is COPPER, the most versatile metal used and the only base metal that has appreciated in price. Further there are definite indications that the price increase will be maintained, due to the depletion of the copper mines in the U.S.A. and the uncertain conditions of their former foreign sources; not to mention the great increase in the uses and users.

MINERAL  
OCCURRENCE

Chalcopyrite  
Bornite

It occurs mainly as chalcopyrite with minor amounts of bornite, in what is usually termed a skarn zone, another name for a highly altered zone of volcanics, etc., here, mostly ilvaite and garnetite. The chalcopyrite occurs sometimes as bands of massive mineralization, but generally is disseminated in varying degrees through the skarn zone.

ZONE

Good Copper  
mineralization  
in 60 outcrops.  
Known zone  
2000' x 400'  
through vertical  
range of 600'

The property shows good copper mineralization in numerous outcrops (over 60, which is an amazing amount in view of the little work done) in a zone or belt 400 feet wide and 2000 feet known length, over a vertical range of 600 feet.

Since the first work was done further prospecting this summer located in this heavily wooded area, another outcrop 500 feet further south. In the creek bed of the south fork of Horse Creek another 2000 feet south again from former outcrop, chalcopyrite and garnetite outcrops in various places over a 400 foot width. This creek bed is 700 feet lower than lowest outcrop of main showings to the north.



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PREVIOUS  
SAMPLING GRADE  
1.15 - 1.41%

While we obtained an average of 7.30% copper in grab sampling high grade sections of several outcrops, systematic sampling by previous operators suggests a grade between 1.15 and 1.41% for five ore bodies in a belt 1200 feet long 600 feet wide, indicating 4500 tons per vertical foot.

TONNAGE  
4500 tons per  
vertical foot in  
belt 1200' x 600'  
already indicated.

TONNAGE  
POTENTIAL

Since the mineralized rock would weather more readily and be less likely to outcrop, there is a good possibility of finding higher grade ore underground.

Good possibility  
of better grade  
underground, of  
major tonnage.

While much of this belt will undoubtedly be porphyry intrusive, that is directly associated with the ore, obviously if the whole indicated belt of 4500 foot length and of 400 indicated width, of 1300 foot vertical range proves up we would have a mine of major proportions.

— DEVELOPMENT —

PREVIOUS  
DEVELOPMENT

Very little done  
probably due to  
very inaccessible  
heavy forest.  
Stripping, few cuts,  
one short tunnel.

There has been very little surface work done since the property was first found in the early 1900's when the trail from Lake Cowichan to Alberni traversed directly over the outcroppings. But when one considers the enormous task of development that confronted prospectors at that time, in an area thickly forested with trees two and three hundred feet high, where they had only trails and cable crossings over the river, it is little wonder no large scale development was embarked upon, especially with the price of copper at 10 to 12 cents per pound. However, the oldtimers managed to do considerable stripping, get in a few cuts and even a short tunnel.

PREVIOUS  
DIAMOND  
DRILLING

Totally inadequate -  
6 holes  
4 negative  
2 positive

In 1942 by means of pack horses, a limited amount of diamond drilling was done. The results were not encouraging, which is not surprising in view of the complex pattern of faulting and intrusives that usually exist in this area. Consequently we feel that the six holes of a total of 2000 feet, hardly adequate in a zone of this size. Over 50% of the coring was in intrusive, and in our opinion half of the holes drilled with the dip and possibly two through a fault. Nevertheless 2 of the holes cored ore comparable to that on the surface.



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PRESENT  
DEVELOPMENT

SELF-POTENTIAL  
— GEOPHYSICAL SURVEY —

STRIPPING &  
OPEN-CUTTING  
Unnecessary

Due to the very heavy forest with its very high timber value it was considered both unwise and unnecessary to launch upon a program of stripping and open-cutting which is the usual procedure in opening up a new prospect. Instead it was decided far more information could be obtained by running a Self-Potential Geophysical Survey, coupled with a thorough effort at prospecting and geological mapping; especially in view of highly gratifying results obtained on other properties, employing these methods, not to mention it would be far quicker and cheaper.

SELF-POTENTIAL  
GEOPHYSICAL  
SURVEY  
More information  
quicker, cheaper.

Anomalies  
better drill  
targets.

The purpose of this survey was to outline possible heavy cores or concentrations of sulphide or chalcopyrite, both those that appear in the outcrops and others that might otherwise be covered, since they would erode quicker than the surrounding rocks.

Definitely give  
strike and dip  
of ore,

Once outlined, we have more definite targets for diamond drilling or other methods of exploration. In addition, study of the maps of this survey will usually indicate the strike of the ore and the dip, which are very important in order to drill to the best advantage.

as well as  
Faults, dips  
and strikes.

Faults, their strikes and dips, can usually be determined greatly aiding diamond drilling and other exploration work.

GEOPHYSICAL  
RESULTS

Area surveyed  
2000 feet long  
900 feet wide.  
1500' on map.

An area 2000 feet long, 900 feet wide was covered by the survey, and as can be seen by the map, a wide belt of 11 anomalies were outlined and as also can be seen, most of the anomalies have copper outcrops on them and the readings are not too high, so that graphite can be ruled out as a possibility.

Zone 450' wide  
2000' long.

The zone as outlined, confirms that previously stated, of the outcrops, 400 feet wide or a little better and 2000 feet long.  
The survey was carried 500 feet north of the map shown.

2 Anomalies  
300' wide  
1 - 600' long  
1 - 250' long.

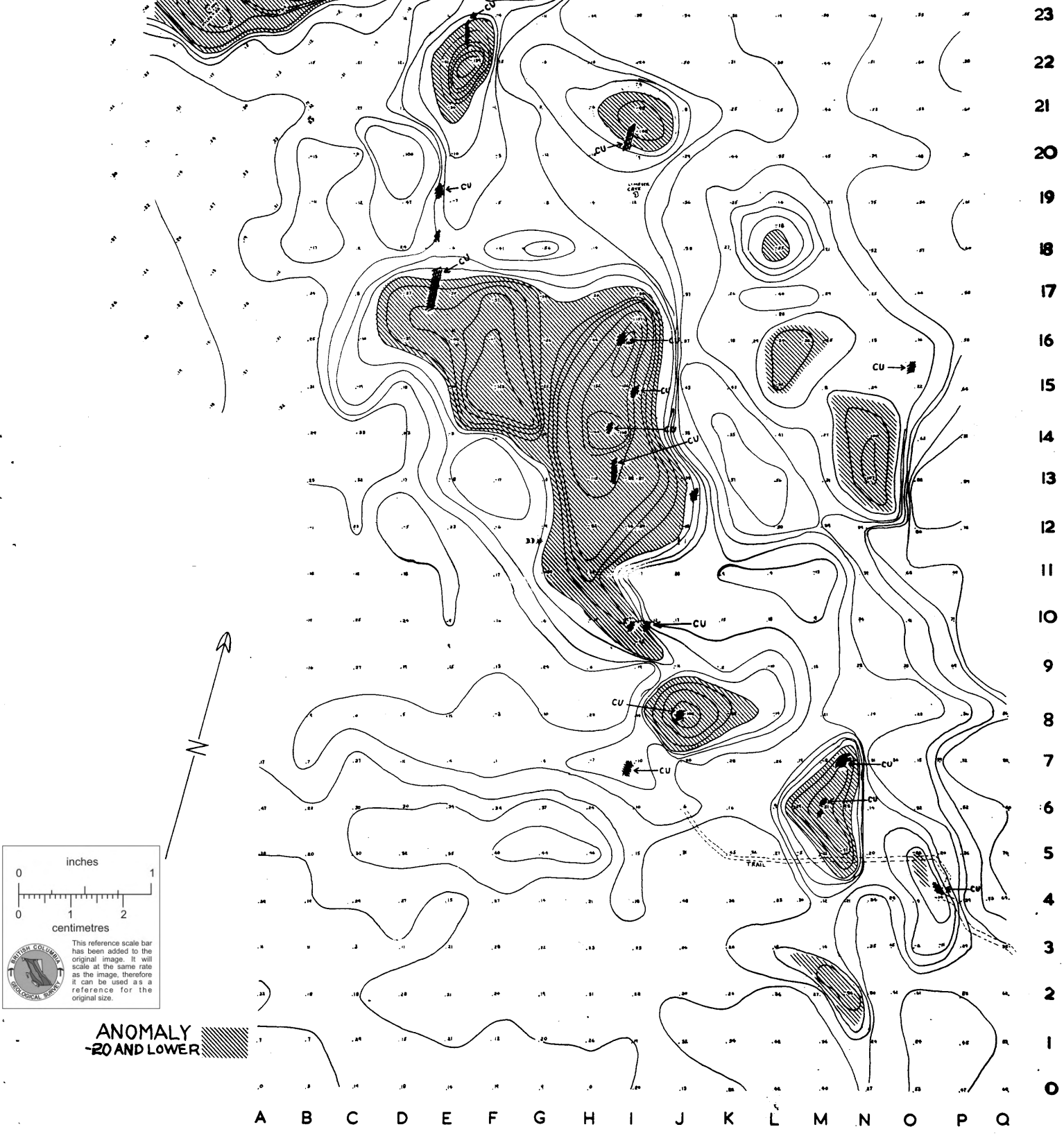
The indicated individual widths of mineralization are as high as 300 feet with lengths up to 600 feet.

# NADIRA MINES LTD

SELF POTENTIAL SURVEY

G. A. MacDONALD SEPT 1955

SCALE 1 INCH = 50'



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PRESENT  
DEVELOPMENT  
Ore outcrops on  
most anomalies.

It would appear to some that the zone lacks continuity, whereas it could be the result of overburden, faulting or intrusive dykes and possibly all three.

Exceptional  
results.

To us the results are highly gratifying and the anomalies of exceptional widths and lengths. Certainly worthy of an intensive exploration.

— PROPOSED DEVELOPMENT —

PROPOSED  
DEVELOPMENT  
DIAMOND  
DRILLING  
preferable to  
underground  
program  
provided  
thorough.

As readily seen, a zone of this tremendous size, will require intensive exploration, in order to arrive at accurate tonnages and average value. And while we could launch an underground program, the capital expenditure would be much larger than that required for a diamond drilling program; also the time required much greater.

However to launch a limited drill program would be equally unsound as already demonstrated here. It should be comprehensive enough to correlate in detail, all the results.

MAJOR ANOMALIES  
combined length  
1000' require  
100' grid  
drilling

The two major anomalies, each 300 feet wide, have a combined length of 1000 feet and to properly drill these alone, the holes should be put down on a grid of 100 foot spacing after working out the faulting, ore strike and dip.

50 holes  
400' average  
20,000 feet.

This would mean 50 holes each of which should average 400 foot depth, making a total of 20,000 feet of drilling to be done.

\$4.00 per  
foot.

Owning our own drills, having ample water supply and ready access to the area assures us of a lower than average cost per foot and which we estimate will not exceed \$4.00 inclusive of logging and splitting.

\$80,000.00

Briefly, we will require \$80,000.00 for diamond drilling alone. In addition to this work and as soon as conditions permit, we will resume, at an increased rate, our geophysical surveying, geological mapping and prospecting.

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PROPOSED  
DEVELOPMENT

CAMPS, ROADS  
\$15,000.00  
accommodate  
24 men.

We, already, have purchased some camp equipment and accommodation which will provide for 24 men, sufficient with which to carry out our full program as outlined in the foregoing. Finished this will cost us roughly \$5,000.00. Roads will cost another \$10,000.00.

PROGRAM COST

\$125,000.00.

Allowing for diamond drilling, camps, geological mapping, geophysical surveying, prospecting, equipment and roads, we will require the sum of \$125,000.00.

SHARE OFFERING  
to public

250,000 shares  
at 50¢ per share  
net to the treasury.

Therefore we are hereby offering to the public 250,000 shares at 50¢ per share net to the treasury.

There will be no commissions paid, no directors' fees, no remuneration other than the nominal charge the Crown Trust make in handling this for us, and advertising costs, etc.

NADIRA MINES LTD.  
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— SUMMARY —

It is only after thorough preliminary investigation whereby we have assured ourselves that this property has very definite possibilities of making a large mine, that we present it for your support.

IN RETURN FOR YOUR FINANCIAL SUPPORT

we offer you,

the maximum use of a dollar  
the minimum issue of treasury stock, compatible with  
the most expedient development, aided by  
the experience of management in this area; where  
the geology is very favorable and  
the structure exceptionally strong, with  
the mineralization exposed here of great extent; and of  
the metal, COPPER, which is at  
the most favorable price and demand in its history,  
the known zone of 2000' length, 400' width, 600' vertical range  
the indicated zone, at least, 4500' length, 400' width, 1300' vertical range  
the group of claims with 15,000' on strike of zone, 4500' in dip, where  
the location is ideal economically; assuring us of  
the lowest cost of development possible, of  
the tremendous tonnage indicated,  
the development of which means  
the fair participation of all in  
the possible production of great new wealth from  
the natural resources of British Columbia.

NADIRA MINES LTD.  
(Non-Personal Liability)

STATUTORY INFORMATION

- (a) The Company was incorporated on the 8th day of July, A.D., 1955.

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 5,000,000 shares without nominal or par value with the maximum price or consideration at or for which the shares may be sold of \$1.00 a share.

The Company has no other indebtedness, save and except the sum of \$1,246.81 representing moneys advanced by way of loan by Oswood G. MacDonald to and for the benefit of the Company, to be paid out of the proceeds of the sale of the 250,000 shares applied for herein.

The Company has sold 150,000 shares at the price of 13 1/3¢ per share which netted the treasury \$20,000.00, no commission having been taken on the sale of any of these shares.

- (b) The Company has carried on mining development work in the manner and on the properties acquired by it as follows:

Self-potential, geophysical program has been carried out as provided for in the Prospectus of the Company dated the 20th day of August, A.D., 1955 over an area of 900 feet in width and 2,000 feet long. In addition the Company has carried on prospecting and trail-cutting as well as erecting temporary camps and geological mapping as shown in Dr. Skerl's report.

- (c) The number of shares offered by this Prospectus is 250,000 at the price of 50¢ per share to net the treasury 50¢ per share, there being no commission chargeable in this regard.
- (d) No minimum subscription is required the Company having obtained a Certificate to commence business under date the 24th day of August, A.D., 1955.
- (e) There has been issued and allotted to the subscribers for pre-organization shares 150,000 fully paid non-assessable shares of the Company at 13 1/3¢ a share of which number 50,000 are held In Escrow by the Crown Trust Company, Vancouver, B. C.

NADIRA MINES LTD.  
(Non-Personal Liability)

(f) The particulars of the properties acquired by the Company from Oswald G. MacDonald as Vendor are the 56 staked and recorded mineral claims known as "O.G.M." 5-56, inclusive of the 4 staked and recorded mineral claims known as "Bornite" 1, 2, 3 and 4 all located approximately six miles due West of the West end of Cowichan Lake on the East side of Ridge between Worthless and Parker Creeks of the Nitinat River in the Barclay Land District, Alberni Mining Division, Province of British Columbia and recorded at Alberni, British Columbia.

(g) The full name, address and occupation of the Vendor of the properties under paragraph (f) hereof is as follows:

Oswald G. MacDonald  
300 East 7th Avenue  
Vancouver, B. C.  
Mining Operator (Development)

the said Oswald G. MacDonald having transferred the hereinbefore described mineral claims to the Company and which mineral claims are now recorded in the name of the Company. There has been issued to the said Oswald G. MacDonald 900,000 fully paid non-assessable shares pursuant to the aforesaid Agreement dated the 20th day of August, A.D., 1955 which shares are escrowed with the Crown Trust Company at Vancouver, B. C., as provided for in the registration of the Company under the "Securities Act" No. 2825D.

(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 promoter.

(j) There are no special rights or restrictions attached to the shares offered by this Prospectus.

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. A Director must hold one share in the Company to qualify him as a Director.

The remuneration of the Directors shall from time to time be determined by ordinary resolution.



NADIRA MINES LTD.  
(Non-Personal Liability)

- (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:

Melvin E. Minaker  
1050 Devonshire Crescent  
Vancouver, B. C.  
Executive

Harold G. Watson  
1731 Tatlow Avenue  
North Vancouver, B. C.  
Chartered Accountant

Oswood G. MacDonald  
300 East 7th Avenue  
Vancouver, B. C.  
Mine Operator (Development)

Alexander G. MacKenzie  
4609 Oak Street  
Vancouver, B. C.  
Salesman

David Whiting  
5721 Cree Street,  
Vancouver, B. C.  
Plumbing Contractor

William Marinas Bennis  
4003 Juneau Street  
Vancouver, B. C.  
Plumbing & Heating Contractor

Alexander Calles  
8070 Oak Street  
Vancouver, B. C.  
Plumbing & Heating Contractor

have each subscribed for one (1) share.

- (l) 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 Auditors of the Company is:

Riddell, Stead, Graham & Hutchison  
626 West Pender Street  
Vancouver, B. C.

NADIRA MINES LTD.  
(Non-Personal Liability)

- (n) The Contract made between Oswood G. MacDonald as Vendor and the Company as Purchaser dated the 20th day of August A.D., 1955 covering the 56 staked and recorded mineral claims hereinbefore referred to and acquired by the Company may be inspected at the Registered Office of the Company, 914 Birks Building, 718 Granville Street, Vancouver, B. C., from Monday to Friday inclusive between the hours of 10:00 a. m. and 4:00 p. m. except holidays.

DATED at Vancouver, B. C., this 16th day  
of January, A.D., 1956.

"OSWOOD G. MacDONALD"

"DAVID WHITING"

"HAROLD G. WATSON"

"M. BENNIS"

"M. E. MINAKER"

"A. CALLES"

"A. G. MacKENZIE"