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**ABCO MINES LTD.**

PROPERTY FILE

# ABCO MINES LIMITED

(Non-Personal Liability)

Incorporated under the "Companies Act," 1929, British Columbia, and amending acts, as a specially limited company.

## Authorized Capital:

\$1,500,000.00, divided into  
3,000,000 Shares - - - Par Value, 50c

## BOARD OF DIRECTORS:

T. S. DIXON, Merchant  
Managing Director Gault Bros., Ltd.  
Vancouver, B.C.

### President

F. H. CLENDENNING  
President Empire Shipping Co., Ltd.  
Vancouver, B.C.

JOHN L. GIBSON, Merchant  
W. F. Gibson & Sons  
Ahousat, B.C.

R. R. WALKER, Broker  
Pres. Russell Walker & Co., Ltd.  
Vancouver, B.C.

### Vice-President

GEORGE M. MADDEN  
President Apex Lumber Co., Ltd.  
Vancouver, B.C.

EVERETT C. STARK  
Sales Mgr. Pacific Milk Co., Ltd.  
Vancouver, B.C.

## Bankers:

ROYAL BANK OF CANADA  
Main Branch, Granville & Hastings Streets  
Vancouver, B.C.

## Solicitors:

McCROSSAN, CAMPBELL & MEREDITH  
789 W. Pender St., Vancouver, B.C.

## Auditors:

RIDDELL, STEAD, GRAHAM & HUTCHISON  
Chartered Accountants  
602 W. Hastings St., Vancouver, B.C.

## Registrar and Transfer Agents:

YORKSHIRE & CANADIAN TRUST, LTD.  
525 Seymour St., Vancouver, B.C.

## Consulting Engineer:

B. W. W. McDOUGALL, B.A., B.Sc.

## Head Office (Registered):

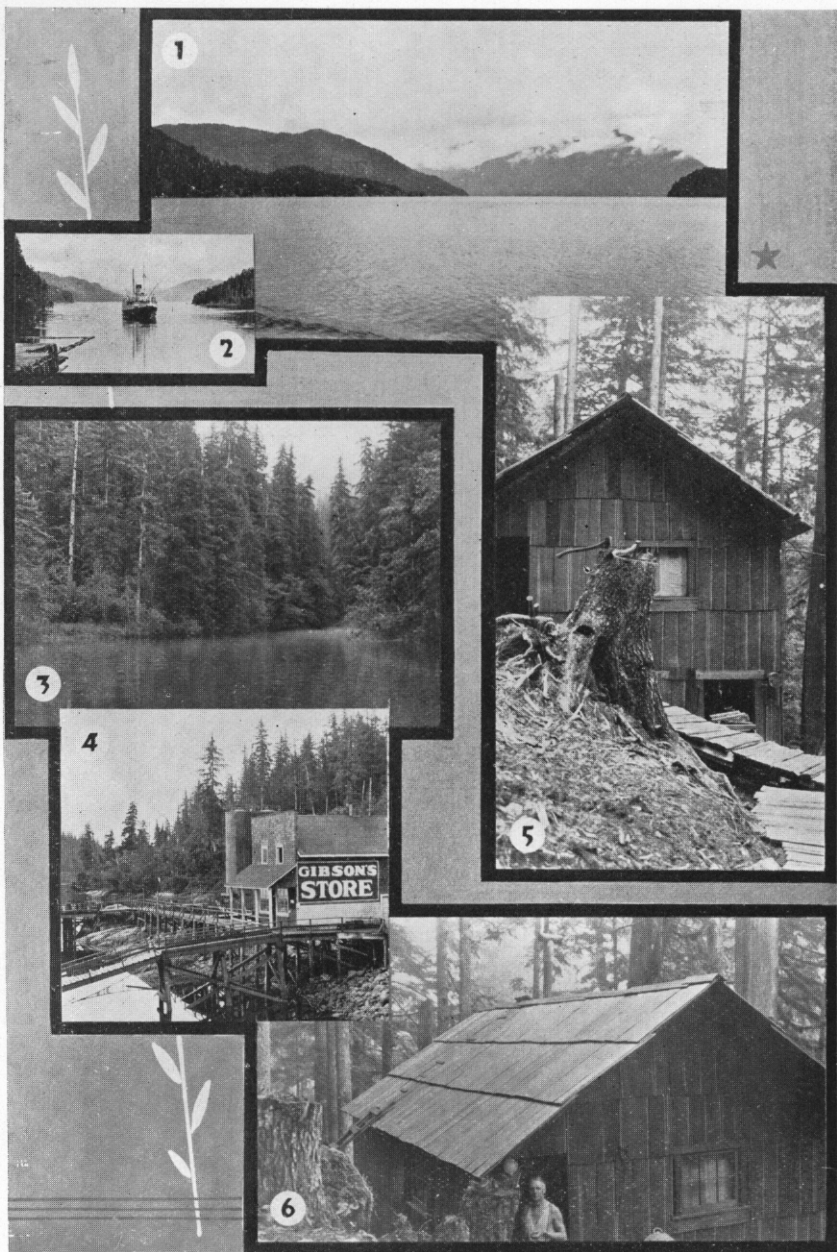
800 Hall Building, 789 W. Pender St.  
Vancouver, B.C.

## Fiscal Agents:

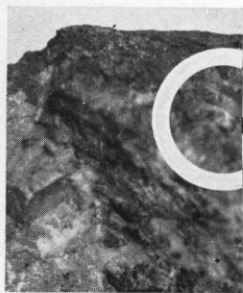
RUSSELL WALKER & CO., LTD.  
1002 Stock Exchange Bldg., 475 Howe Street  
Vancouver, B.C.

(A copy of this brochure has been filed with the Superintendent of Brokers.)





(1) Herbert Arm, West Coast Vancouver Island. (2) S.S. Princess Norah, serving West Coast ports. (3) Cotter Creek, on boundary of Abco property. (4) Gibson's Store and Post Office, Ahousat, V.I., 12 miles from Abco Mines. (5) Two-storey cabin on property. (6) Same cabin, showing heavy timber growth on mountainside.



## Foreword

**G**OLD continues to be the most important product of man's endeavor. Canada has fairly leaped into second place among world producers. British Columbia is fast forging to the front as a producer of the yellow metal. The province is primarily a gold country and its mineral wealth has scarcely been scratched. Not only are new mines coming to light in proven areas, but entirely new gold districts are being disclosed.

Vancouver Island has long been known to contain promising ground, but actual gold production has been small. During the past year several important operations have gotten under way and no section of the huge Pacific Province has revealed such startling possibilities in so short a time as has that part of Vancouver Island lying along the West Coast.

The famous West Coast is physically similar to the mainland of British Columbia. Innumerable islands dot the coast and scores of inlets reach inland. For a stretch of well over 100 miles gold may be found near the head of practically every arm of the sea. It remains for practical development work to disclose the importance of the area.

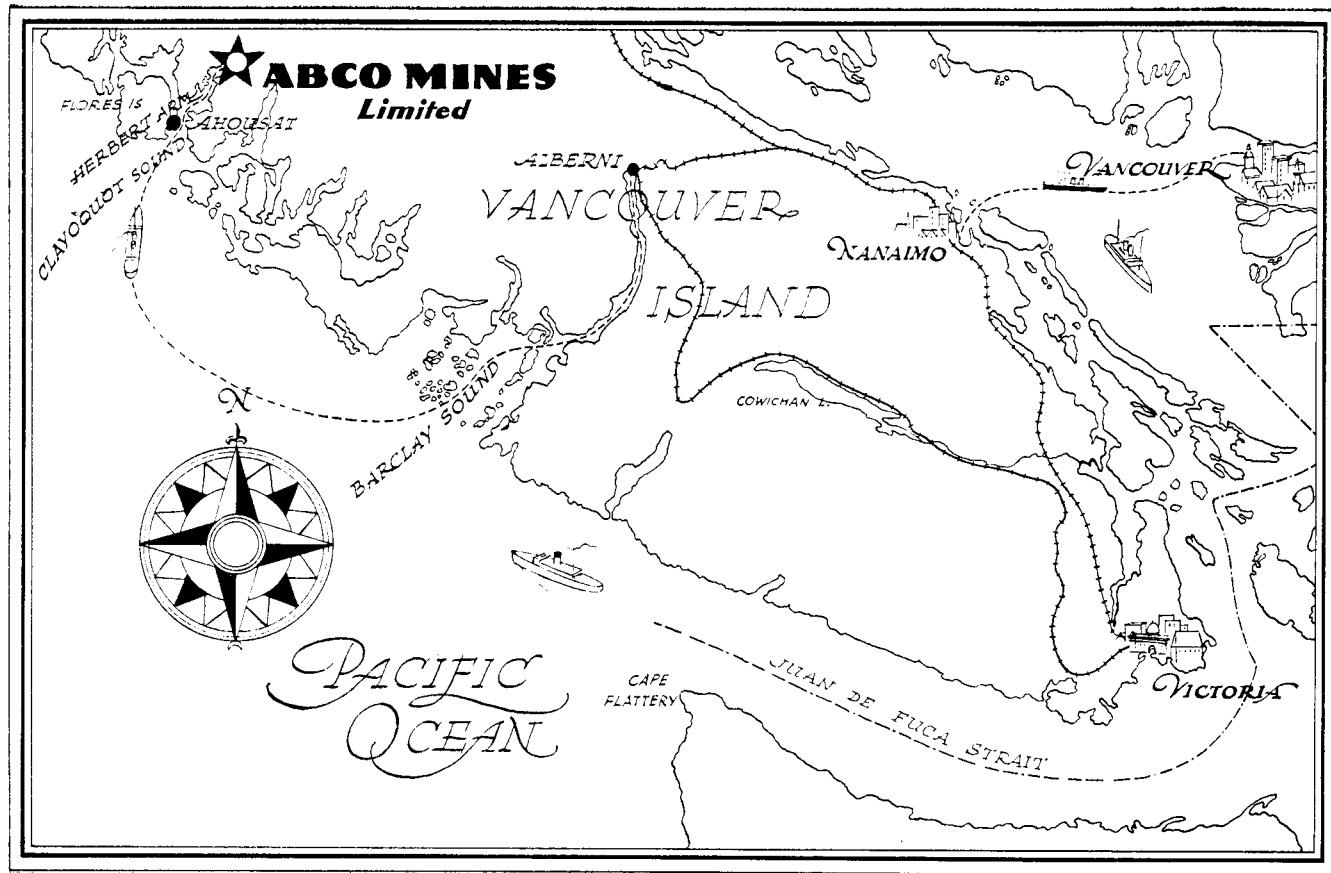
## ABCO HOLDINGS

The Company's property consists of twelve mineral claims, known as the Mary McQuilton Group, staked in the spring of 1933. The claims bear the following names: Miss Fit, Mary McQuilton, Mary McQuilton Numbers 1, 2, 3, 4, 6 and 7; W. F. Gibson and Monarch Numbers 1, 2 and 9. Titles are in good standing and the property will be surveyed, and Crown Grants applied for, as soon as the requisite development work has been accomplished.

## LOCATION

The property is located on the Easterly side of the head of Herbert Arm, and about a half-mile distant from it, on the West Coast of Vancouver Island, Clayoquot Mining Division, British Columbia.





## CLIMATE

Abco Mines Limited holdings enjoy the very mild climate of the lower British Columbia coast. The rainfall is heavy, ensuring an abundance of water for all purposes. Snow seldom falls, and frost is rare. Operations, therefore, may be carried on every day in the year.

## TRANSPORTATION

This important factor is an outstanding asset. Large coastwise steamers can tie up in sheltered deep water at the door of the property. A large float, 20 by 50 feet, is being constructed for the unloading of machinery, fuel oil and supplies. From Vancouver, via steamer to Nanaimo, automobile to Port Alberni and steamer to the property, is a matter of 24 hours. Freight will be loaded onto the Steamer Princess Norah or Princess Maquinna in Vancouver and landed direct. Deep-sea transportation thus makes the shipment of freight to the property and the shipment of ore, concentrates or bullion therefrom a matter of minimum cost. The port of Ahousat, with store, post office, telegraph and telephone offices, is distant an hour and a half by motor-launch. As soon as major operations are under way—within thirty days, it is anticipated—Abco Mines Limited camp will become a port of call for the coastwise steamers. The importance of these unusually favorable transportation facilities cannot be too strongly emphasized.

## TIMBER

There is a superabundance of first grade timber right on the Company's property. This is available for the construction of additional camp buildings, float and wharf, tramway trestles, mine timbers, etc.

## POWER

While there is ample water power immediately available, diesel power will be used exclusively. Fuel oil can be delivered to tankage right at the property for seven cents per gallon, or less. This situation adequately cares for the all-important question of cheap power.



## **GEOLOGY**

As nearly as can be determined, the area is underlain principally by rocks of the Vancouver Group, the predominant rock types being: andesite, tuffs, breccias and porphyrites. It is possible that dykes or sills extending south-westerly from the main mass of the Coast batholith may invade some of this area. However, no such dykes have as yet been observed. Geologically the area is considered to lie on the westerly flank of the batholithic rocks which form the core of much of the mountainous area adjacent to the westerly coast of Vancouver Island.

## **GOVERNMENT REPORT**

Owing to the fact that the Abco holdings are a recent discovery, little official government information is on record. The Annual Report of the Minister of Mines for 1933 carries the following report, as prepared by the then Resident Engineer, G. A. Clothier, M.E.:

"The claims are situated a mile east of the head of Herbert Arm, the upper showing being at an elevation of 2,000 feet above sea-level. A good trail was built in the fall of 1933 from the beach to the camp, built on the property, and development work will be continued through the winter.

"There are two showings on the ground, both shears in the Vancouver volcanics, similar to those at the Big Boy. Within the shears are parallel quartz veins mineralized with iron pyrites, with traces of galena and zinc-blende. The upper showing is now being developed. An open-cut here shows a sheared width of 7 feet, containing several parallel veins of quartz assaying separately up to 1.5 ounces gold per ton, the whole averaging about 0.4 ounces gold per ton. Free gold has been found. The development of these showings may indicate new possibilities for gold-bearing veins on the West Coast."

## **DEVELOPMENT PROGRAM**

The Company is already proceeding with the work of providing a large float for the unloading of freight by deep-sea steamers, the construction of a mile of motor highway and preparation of suitable camp buildings. Diesel power for a compressor will be furnished without delay and a tramway constructed. Mining should be under way in record time.



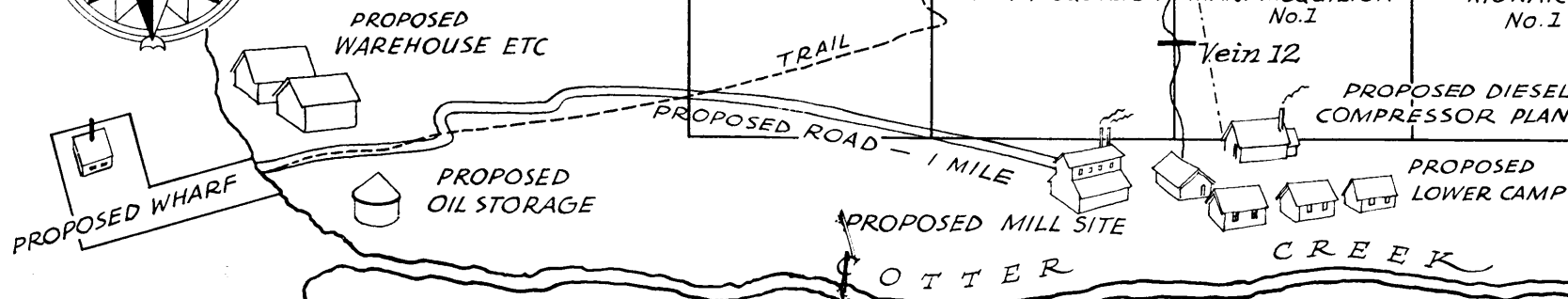
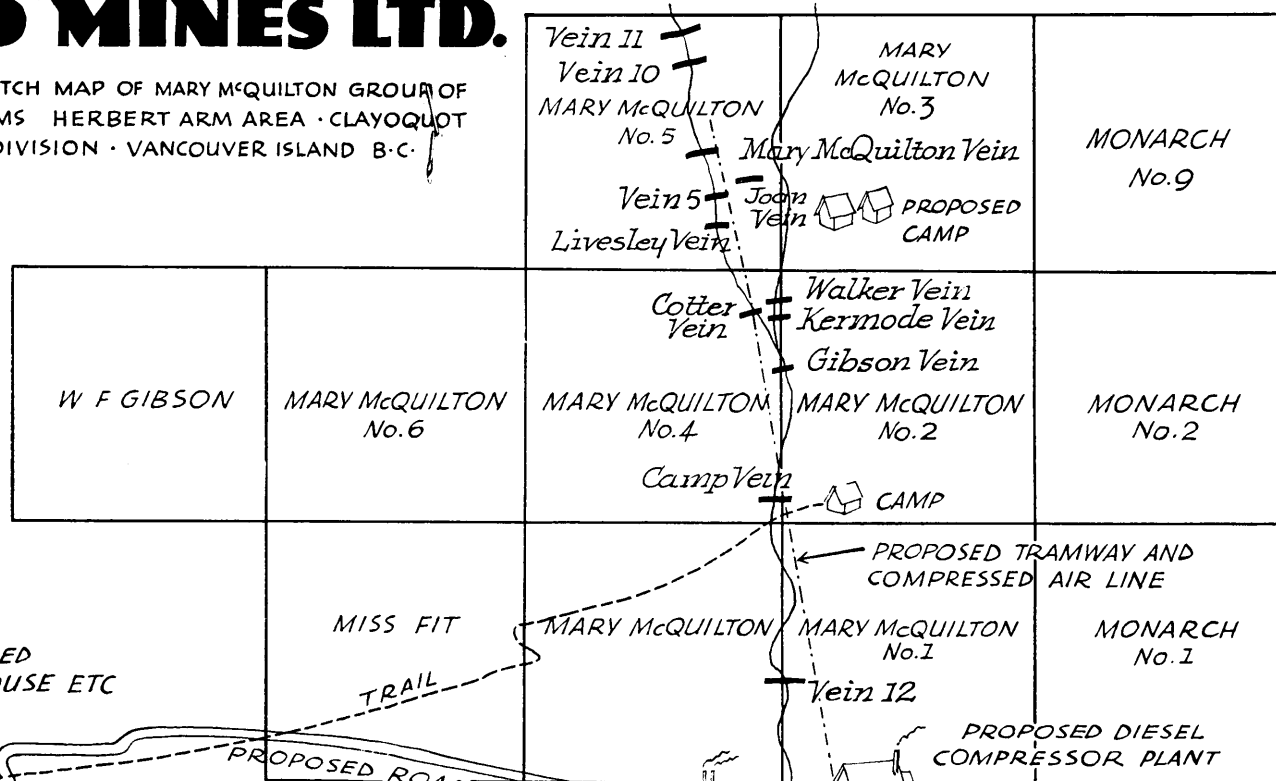
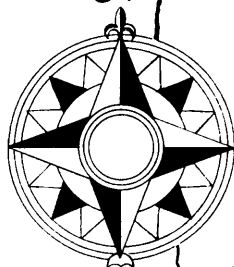
(1) Selected samples assaying from 3 to 19 ounces gold per ton. (2) Hand-picked ore, such as will be shipped direct to smelter as mined. (3) Sample from Gibson Vein measuring 10 inches wide and weighing 80 pounds—free gold visible.



# ABCO MINES LTD.

LOCATORS' SKETCH MAP OF MARY McQUILTON GROUP OF MINERAL CLAIMS HERBERT ARM AREA - CLAYOQUOT MINING DIVISION - VANCOUVER ISLAND B.C.

HERBERT ARM



Note.—Area is underlain principally by rocks of the Vancouver group—including andesites, tuffs, breccias and porphyrites.

## Engineer's Summary

Salient features of the report of Mr. B. W. W. McDougall, M.E., who made his second examination of the property early in September of this year (1934), are given herewith. He states:

"To date some fourteen distinct auriferous mineral showings have been disclosed, and of these, five or six have been reasonably well disclosed by shallow open-cuts. Only slight attempt has been made to determine continuity of two or three of these veins on their strikes. As a matter of fact, the question of definitely determining this point is largely beyond the means of hand-mining work.

"These veins are in the nature of shear zones having widths of well upwards of five feet. The quartz constituents of the zones characteristically contain relatively sparse sulphide mineralization, the principal sulphides being pyrite, galena, blende and minor chalcopyrite. In practically every instance where quartz carrying these sulphides has been found gold can be panned from the crushed vein material. Assays of these quartz stringers usually indicate abnormally high gold content, the highest assay yet to be recorded, as far as I am aware, being approximately 19 ounces.

"The fact that high-grade gold stringers are found at rather widely separated places along what may be considered as a single line, in my opinion is somewhat extraordinary. I am very strongly of the opinion that the entire property warrants extensive development, in the reasonable hope and expectation that substantial tonnages of commercial gold-bearing ore will be disclosed.

"Due to the topographical conditions obtaining it is virtually impossible to do exploration or development work effectively by hand-mining methods. I consider that the showings are of sufficient promise to warrant the installation of power and mining equipment, and to warrant the providing of sufficient capital to determine thoroughly the commercial possibility of this new mineral area. I would accordingly recommend that plans be completed for exploring and developing this property, more or less, along the following lines:

- "(1) To construct a road approximately one mile in length from the beach to the mouth of the small creek course along which most of the prospecting has been done, and to provide a camp and warehouse facilities at this point.



"(2) To instal a diesel-driven compressor at this site and to extend from it to the several shear zone occurrences a compressed-air pipe-line.

"(3) To construct a tram-line from the power plant and camp site up the face of the mountain to the upper vein outcroppings.

"(4) To instal suitable camp-quarters for a mining crew on the mountain slopes near the proposed upper terminal of the tramway.

"I estimate that it will require approximately \$25,000 to provide access facilities, power and mining equipment and camps. I consider that in addition to this \$25,000 needed for equipment and preparatory work that additional capital to permit of carrying on operations at the rate of \$6,000 monthly for a period of one year's time should be provided.

"The property is accessible to deep water transportation to within one mile of the site proposed for main camp and power plant, and the cost of providing a road from the beach to this site is small. Diesel fuel oil can be delivered to tankage at the beach for about seven cents per gallon, and accordingly unusually cheap power can be provided by the use of diesel engines.

"As a matter of fact, the property is extremely fortunately situated with reference to all external circumstances affecting its operation in that these permit of cheap exploration and development and, later, of production operations, provided development results disclose ore in substantial volumes.

"The topographical nature of the mountain slopes is such as to virtually prohibit exploration and development access except by the use of an aerial tramway and of conveying compressed air power from the foot of the mountain upwards to the several vein and ore occurrences. It is virtually impossible to carry forward prospecting operations effectively by hand-mining methods due to the nature of the overburden and already there are sufficient veins exposed to warrant extensive additional work.

"The property is, of course, to be considered as a prospect in a relatively new area. It is, however, on the trend of a well-defined gold-bearing belt. The unusual number of veins from which very attractive gold assays can be obtained, the relative ease of exploration and development attack, once power equipment and tramway access is provided, render it reasonable to anticipate that favorable development results should be very quickly obtained."

# Assays

Vein	Value	Width
MARY McQUILTON - - - - -	\$ 29.24	3.2 feet
	200.60	.5 "
	5.44	3.2 "
	49.64	1.4 "
	127.84	.5 "
WALKER - - - - -	\$ 12.92	7.0 feet
	12.24	2.7 "
	158.72	.3 "
	4.08	3.2 "
	6.80	8.0 "
	66.64	.2 "
	17.68	.5 "
GIBSON - - - - -	\$ 22.44	3.0 feet
	49.64	.5 "
	22.44	1.6 "
	14.28	.5 "
	2.04	3.7 "
	5.44	1.2 "
	13.60	.5 "
LIVESLEY - - - - -	\$ 16.32	1.0 feet
	202.64	.3 "
	2.38	8.5 "
	149.60	.3 "
	4.08	.9 "
COTTER - - - - -	\$ 5.78	1.0 feet
	100.32	.7 "
	3.06	3.5 "
KERMODE - - - - -	\$ 57.12	3.1 feet
	55.42	.2 "

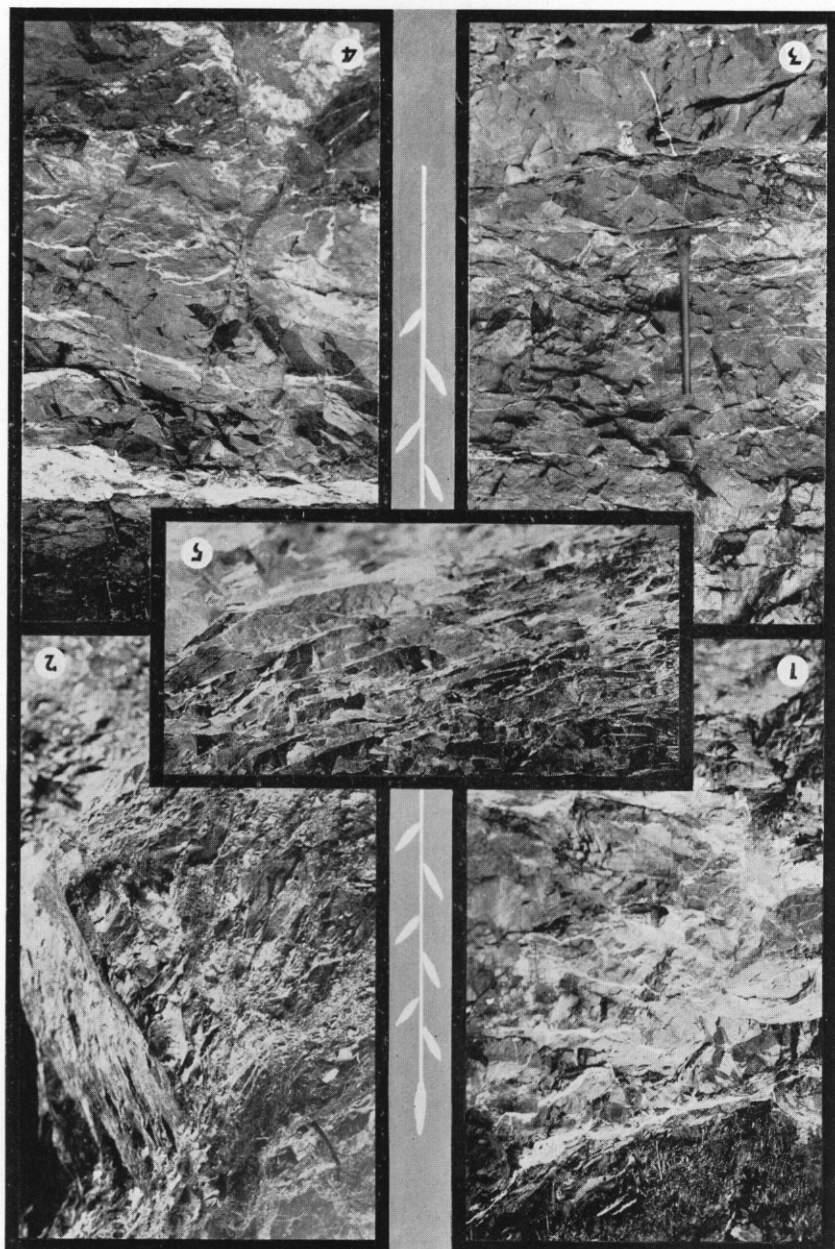
Note.—These samples were all taken by B. W. W. McDougall, M.E., personally and the assays were made by J. R. Williams & Son, Provincial Assayers.

Gold estimated at \$34.00 per ounce.



(1) Livesley. (2) Mary McQuilton. (3) Gibson. (4) Walker. (5) Cotter.

# ABCO MINES VEINS



## Abco Highlights

*Fourteen distinct gold-bearing veins already disclosed.  
Mild coast climate ensures year-round mining operations.  
Gold panned from the vein material in nearly every instance.  
Consulting engineer recommends \$100,000 development program.  
49 samples taken by engineer carried gold values—no blanks.  
Free gold visible to naked eye in at least six separate veins.  
Selected samples run from \$100 to over \$600 per ton in gold values.  
An outstanding prospect with shares selling for low price of 15c.  
Twelve full mineral claims, providing ample ground for large mine.*

*Assays of quartz stringers usually indicate abnormally high values.*

*Transportation costs exceptionally low, both to and from property.*

*Sound businessmen of standing on directorate; consulting engineer of high repute.*

*Diesel power and tramway to be installed before, not after, veins opened up by tunnel development.*

*Property extremely fortunately situated with reference to all external conditions affecting its operation.*

*Representative ore samples on display at offices of fiscal agents, 1002 Stock Exchange Building, Vancouver, B.C.*

*Merit of property and external conditions support contention that favorable development results should be very quickly obtained.*

*Development will commence immediately upon large scale, promising profitable production in exceptionally short time, as high-grade will be shipped direct to smelter as rapidly as mined.*

*B. W. W. McDougall, M.E., states: "The fact that high-grade gold stringers are found at rather widely separated places along what may be considered as a single line, in my opinion is somewhat extraordinary."*

*Low capitalization, low-priced stock, large number of veins, high assays, immediate action—in short, an exceptionally attractive mining speculation.*

## Our Own Opinion

In presenting Abco Mines Limited to the public, Russell Walker & Co., Ltd., do so only after rejecting dozens of mining properties considered and examined. Our first flotation was Atlin Pacific (Norgold). The pronounced success of this venture is well known to those who have followed the careers of British Columbia mining stocks during 1934. First sold by us in February, 1934, Norgold was called for trading on the unlisted section of the Vancouver Stock Exchange on March 12. At the time of writing this brochure Norgold showed a profit of 150 per cent. in the six months of its market activity.

The success of Norgold was due solely to two reasons. The flotation was launched only after a year's careful combing of likely prospects and the property has stood up to advance predictions. The second reason was that the stock was at all times carefully sponsored and fully protected. It was never permitted to sky-rocket and it was never allowed to suffer heavy recessions. Our success with Norgold and the consequent confidence inspired as the direct result have necessitated the exercise of the utmost care in selecting our second flotation.

We have spent a great deal of time and a substantial amount of money in searching for a suitable new offering. Abco Mines Limited is being launched under the most favorable auspices. We frankly admit our good fortune in securing the fiscal agency of the company. Our Mr. Walker has personally inspected the property, in company with Mr. B. W. W. McDougall, M.E. Without going further into the merits of the flotation at this juncture, we believe that the 400,000 shares of stock now being offered at a pre-listing price of Fifteen Cents will be quickly taken up.

Just as soon as this issue is disposed of Abco Mines Limited shares will be sold at Twenty Cents. This policy will positively be followed, so that initial purchasers will have a 33 per cent. advantage over those who fail to secure some of the first offering. The stock will be called for trading on the unlisted section of the Vancouver Stock Exchange just as soon as it is deemed in the best interests of shareholders to apply for such listing, and such recognition is granted by the officials of the Stock Exchange.

We urge immediate application for shares, confident that we are offering a mining speculation of exceptional merit, and that the issue of fifteen-cent stock will be very quickly oversubscribed.

Fiscal Agents For

**Abco Mines Limited (N.P.L.)**

are

**RUSSELL WALKER & CO., LTD.**

1002 Stock Exchange Bldg.

Vancouver, B.C.

Telephones - Trinity 3494-3495

The information contained herein has been obtained from sources which we consider reliable, and while we do not guarantee it, we believe it to be accurate, as of date of September 22nd, 1934.

Designed and Printed by  
WARD & PHILLIPS LIMITED  
Vancouver  
Canada