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BRITISH COLUMBIA SECURITIES COMMISSION

NO SECURITIES COMMISSION OR SIMILAR AUTHORITY IN CANADA HAS IN ANY WAY PASSED UPON THE MERITS OF THE SECURITIES OFFERED HEREUNDER AND ANY REPRESENTATION TO THE CONTRARY IS AN OFFENCE.

## PROSPECTUS

Alice Arm Mining Ltd. (N.P.L.) 546 Howe Street Vancouver, British Columbia

New Issue:

The Company by this Prospectus offers to sell 350,000 common shares of the capital of the Company to the underwriters at a price of 10 cents per share. The underwriter has not been granted a discount on this purchase and the Company will not pay any commission to the underwriters for the purchase of these shares. The shares will be sold to the public by the underwriters at the market price from time to time prevailing provided that such shares shall not be sold by the underwriters at a price greater than 200% of the underwriting price. The shares are qualified for trading over-the-counter, Vancouver and the bid-ask on the shares as of June 15, 1972 was 8 cents - 12 cents. To the knowledge of the Directors and the Underwriter volume has been negligible and the last known trade was June 9, 1972, at 11 cents. Reference should be made to prior sales on page 7.

Shares	Price to Public	Proceeds to Company	
Per Unit	not to exceed	.10	
	20 cents		
Total	maximum \$70,000	35,000.00*	

\*Before deduction of legal, audit, and printing expenses payable by the Company estimated not to exceed \$3,500.00.

#### SECOND OFFERING

After primary distribution of the new issue herein described has been completed 250,000 previously issued shares may be sold to the public by each of Frobisher Securities Ltd. and Laron Holdings Inc. and 135,000 by Leo Edwin Bromberg at the market price prevailing at the time of sale, provided, however, that all such shares offered must be free from any pooling or escrow restrictions. The Company will not receive any proceeds from such sales. The net proceeds will accrue to the selling shareholders. Reference is made to the heading "Principal Shareholders" for the further breakdown of this offering.

THE SHARES OF THE COMPANY MUST BE CONSIDERED SPECULATIVE SECURITIES AS THE COMPANY'S MINING PROPERTIES ARE IN THE EXPLORATION AND DEVELOPMENT STAGE.

IF ALL THE SHARES OFFERED BY THE PRIMARY ISSUE OF THIS PROSPECTUS ARE SOLD TO THE PUBLIC, THE ISSUE WILL REPRESENT 9.72%

**PROPERTY FILE** 

# 911292

- 2

OF THE SHARES THEN OUTSTANDING AS COMPARED TO 40.9% THAT WILL THEN BE OWNED BY THE PROMOTERS AND DIRECTORS ISSUED FOR CASH AND PROPERTY. IF ALL OF THE 635,000 SHARES OFFERED BY THE SECONDARY DISTRIBUTION ARE SOLD TO THE PUBLIC BY THE PROMOTERS THEN THE PERCENTAGES WOULD BE REVISED TO 27.36% AND 23.30% RESPECTIVELY.

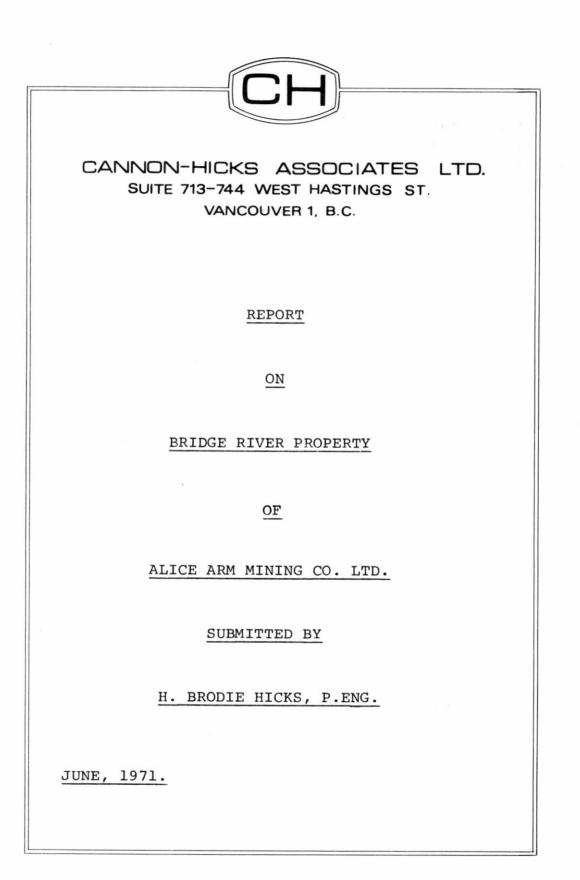
THERE IS NO LAND SURVEY OF THE COMPANY'S PROPERTIES AND UNTIL SUCH LAND SURVEY IS COMPLETED THE BOUNDARIES OF THE PROPERTIES COULD BE IN DOUBT.

#### Registrar and Transfer Agent

# Guaranty Trust Company of Canada 540 Burrard Street Vancouver, British Columbia

Frobisher Securities Ltd., as principals, conditionally offer these shares subject to prior sale, if, as and when issued by the Company and accepted by us in accordance with the conditions contained in the underwriting agreement referred to under Plan of Distribution on Page 5 of the Prospectus and subject to the approval of all legal matters on behalf of the Company by Messrs. Barbeau, McKercher, Collingwood & Hanna.

THIS PROSPECTUS IS DATED THIS 15TH DAY OF JUNE, 1972.



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\$( 6,850)	\$ 36,212	\$ 40,385	\$ 34,404	\$ 163,392	\$ 170,
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### INTRODUCTION:

This report deals with the property known as the "Congress Mine", together with associated and contiguous claims, all held by Alice Arm Mining Co. Ltd., of Vancouver, B.C.

The writer exercised general supervision over an exploration programme carried out on the property during the summer of 1965 and spent one day on the claims at that time. The results of the programme were described by A.R. Bullis, who was in direct charge of the work, in a report dated October 8, 1965. Two subsequent reports by Bullis dated August 18, 1970 and November 6, 1970 have also been made use of herein as well as a number of older reports and maps.

## SUMMARY:

Past work on the property, including trenching, diamond drilling and underground development, has resulted in the discovery of a number of gold-antimony showings. Under present economic conditions, neither the grade nor tonnage of these showings is sufficiently high to justify consideration of production.

Additional work is warranted, directed toward increasing the known tonnage of the present material and in a search for other showings on the property, of the same or possibly better grade.

Accordingly, a modest programme of geological mapping and diamond drilling is recommended herein at an estimated cost of \$30,000. Should results be favourable, additional work would have to be considered.

### TITLE:

The property comprises sixty claims, leases and

fractions, as follows:

David Fr. Robert Fr. Snowflake Fr. T.X. No. One

Mineral Leases:

M-3, 6, 8, 9.

Claims Held by Right of Location:

Gold Belt 1 - 4 Record Nos. 22005 - 8 Gold Belt 5 - 8 11 11 22100 - 0311 ... Gold Belt 9 & 10 22843, 22842 Ace 16 -18, 19 Fr., 20 " ... 21792 - 96 . 11 п Ace 21 Fr. 22084 .... Ace Fr. . 11 22361 Ace 22 - 24 11 11 22024 - 26 , n Ace 25 Fr. - 27 Fr. Ħ., 22027 - 29 ń 11 Ace 28 - 30 22030 - 32= .11 Ace 31 Fr. 22033 11 ... Ace 32 & 33 22034, 35 <u>р</u>н., Η. 552987 - 553001 Shat 1 - 15 11 Bea 11 20143 .... Snowy 1 & 2 ..... ·.. · 23660 - 61.... Pot Fr. 22237 11 11 Kettle Fr. 22238

## LOCATION AND ACCESS:

The property is located in the Lillooet Mining Division, five miles east of the village of Gold Bridge, B.C., and adjacent to the highway between Lillooet and Bralorne.

Access to the principal #3 level of the Congress Mine is via a short driveway from the highway. Other roads traverse the remainder of the claims and lead to the other showings.

Water is available locally and the power lines of the B.C. Hydro Authority cross the property.

#### HISTORY:

The property was originally staked in 1915 and in subsequent years a number of companies and individuals have carried out work on the various showings. These include V. Spencer and Associates, Sheep Creek Gold Mines Ltd., Ace Mining Co. Ltd., Bralorne-Pioneer Mines Ltd., and, in partnership, Metal Mines Ltd. and Rayrock Mines Ltd.

The Congress Mine, the most fully developed section of the property, has been opened on five levels of which three are adit levels. A total of 5,295 feet of lateral development have been carried out, supplemented by diamond drilling.

Other known veins, the Paul, Bluff, Paul Footwall, Silver, Howard, Top-of-the-Hill and probably others have been partially explored by open cuts, short adits, or diamond drilling.

Limited production is known to have been achieved from the Congress Mine, the most important shipment, made in 1937, comprising 800 tons grading 0.22 oz/ton gold and 1.33% antimony.

# GEOLOGY AND MINERALIZATION:

The formations underlying the property consist principally of interbedded greenstones and sediments of the Bridge River series, irregularly intruded by younger dikes and stocks of felsite and of quartz-diorite porphyry. The greenstones and sediments have a generally north-south strike and alternate in a complex pattern in bands of widely varying width.

The mineralization occurs in sheared fissures, of which the more important have a northeasterly strike and an average dip of 45° to the northwest. The fissures tend to die out in the sediments but are strongly marked in the greenstones and the porphyry dikes. The mineralization is strongest in the greenstones.

The principal type of deposition consists of replacement of greenstone along fissure walls with alteration to ankeritecarbonate together with quartz. Stibnite occurs generally as massive streaks or elongated lenses, together with quartz in the main or in subsidiary fissures. Gold values are more consistently distributed and occur within the replacement zones. Some arsenopyrite is associated with the other minerals.

#### PRINCIPAL VEINS:

While work has been carried out in exploration of a number of separate veins on the property, only two, the Congress and Bluff veins, have to date indicated any potential for the development of significant tonnages of mineralized material.

The Congress workings have developed two veins, the footwall and the hanging wall veins, which have generally been considered to represent faulted segments of the same fissure. This may not, in fact, be the case as their characteristics differ, the footwall vein being the stronger and more consistent.

Recent work has been confined to the third level of the Congress only. On the footwall vein, a shoot has been developed 190 feet long with an average width of 5.2 feet, grading 0.16 oz/ton gold and 2.15% antimony. On the hangingwall vein,

two shoots have been developed. The first has a length of 165 feet with an average width of 5.3 feet grading 0.33 oz/ton gold and 1.30% antimony; the second, a length of 45 feet, a width of 5.0 feet and grades of 0.74 oz/ton gold and 2.24% antimony. Earlier reports mention similar widths and gold values on the other Congress levels, but only a few samples were assayed for antimony. Vertical continuity of the mineralized shoots has not been demonstrated.

The Bluff vein lies immediately north of the Congress workings and while it strikes more northerly than the footwall vein it may possibly be an extension thereof. An attempt to carry out lateral development on the Bluff vein was made from the Congress #3 level in 1964 and 1965, but it appears probable that a subsidiary fault was actually followed. Thus the only certain information is derived from surface sampling. This was carried out by Bralorne-Pioneer Mines in 1961. Over a total length of 810 feet, broken into three faulted segments, width averaged 3.5 feet grading 0.085 oz/ton gold, 0.965 oz/ton silver and 2.84% antimony.

Over the years, a number of ore reserve calculations have been carried out. These differ very widely, possibly largely because of fluctuating economics from time to time. For the most part, the data on which the calculations were based are unknown or unconfirmed and they cannot now be accepted.

### **METALLURGY**:

Preliminary metallurgical testing has been carried out at the B.C. Institute of Technology and at Lakefield Research Ltd. It appears that a combination of differential flotation followed by cyanidation will be required to recover both the antimony and gold values, but additional testing is required.

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#### **RECOMMENDATIONS:**

Further exploration of the Bluff vein is warranted. It is known presently only from surface samples which may possibly be enriched or impoverished. Six diamond drill holes, designed to cut the vein at a vertical depth of 100 feet, should be spaced along the approximately 800-foot known length of the vein to test depth continuity and obtain fresh samples.

Geological conditions over much of the 60-claim property are not known in detail and there are no records of soil sampling. Geological reconnaissance at 800-foot intervals combined with soil sampling should be carried out by a geologist-prospector team.

#### COST OF PROGRAMME:

Diamond drilling, 1,050 feet @ \$15.00/ft. including all costs -	\$15 <b>,</b> 750
Geological reconnaissance and soil sampling including assays	, 8,250
Supervision - Consulting -	2,000
	\$26,000
Contingencies, 15%	3,900
	\$29 <b>,9</b> 00
or, say,	\$30,000 ======

# CONCLUSIONS AND COMMENTS:

The property has had a long history of exploration, first for gold and latterly for gold and antimony. Mineralization of close to ore grade has been developed in at least two locations. In one of these, at least, additional work may increase the estimated tonnage of available mineralized material.

The remainder of the claims, in view of the mineralization which has already been discovered, warrant reconnaissance mapping.

The general geological setting suggests a target of a small-scale production operation of relatively good grade.

Respectfully submitted,

100 Sodultin

H. BRODIE HICKS, P.ENG.

:mdc.

I, H. BRODIE HICKS, P.ENG., residing at Suite 807, 235 Keith Road, West Vancouver, B.C., do hereby certify as follows:

That I am a graduate of McGill University, Montreal, with the degrees of P.Eng. (1934) and M.Eng. (1935) in Mining Engineering.

That I am a member of the Association of Professional Engineers of the Province of British Columbia, and have practised my profession since 1935.

That this report is based on an examination of the property in the summer of 1965, supervision of a work programme in progress at that time and references to reports and maps in the files of the Company.

That I have no interest in the properties or capital stock of the Company, nor do I expect to obtain any such interest.

1 Brodultin

H. BRODIE HICKS, M.ENG., P.ENG.

VANCOUVER, B.C. June 25, 1971.

