THIS PROSPECTUS CONSTITUTES A PUBLIC OFFERING OF THESE SECURITIES ONLY IN THOSE JURISDICTIONS WHERE THEY MAY BE LAWFULLY OFFERED FOR SALE AND THEREIN ONLY BY PERSONS PERMITTED TO SELL SUCH SECURITIES. NO SECURITIES COMMISSION OR SIMILAR AUTHORITY IN CANADA HAS IN ANY WAY PASSED UPON THE MERITS OF THE SECURITIES OFFERED HEREBY AND ANY REPRESENTATION TO THE CONTRARY IS AN OFFENCE.

## PROSPECTUS

#### MANGO RESOURCES LTD.

Incorporated under the laws of the Province of British Columbia 507 - 1030 W. Georgia Street Vancouver, B.C., V6E 2Y3 (herein called the "Issuer")

## NEW ISSUE

550,000 shares at \$0.35 per share

Price to Public (1)	Commission	Proceeds to Issuer (2)	
 \$0.35 \$192,500.00	\$0.05 \$27,500.00	\$0.30 \$165,000.00	

e of the Offering has been determined by the Issuer in negotiation with

(2) Before deduction of the balance of the expenses of this Offering estimated not to exceed \$12,500.

#### THERE IS NO MARKET THROUGH WHICH THESE SECURITIES MAY BE SOLD.

THE VANCOUVER STOCK EXCHANGE HAS CONDITIONALLY LISTED THE SECURITIES BEING OFFERED PURSUANT TO THIS PROSPECTUS. LISTING IS SUBJECT TO THE ISSUER FULFILLING ALL OF THE LISTING REQUIREMENTS OF THE VANCOUVER STOCK EXCHANGE ON OR BEFORE MAY 1, 1989, INCLUDING PRESCRIBED DISTRIBUTION AND FINANCIAL REQUIREMENTS.

THIS OFFERING IS SUBJECT TO A MINIMUM SUBSCRIPTION FOR 550,000 SHARES BEING RECEIVED BY THE ISSUER WITHIN 180 DAYS OF THE EFFECTIVE DATE OF THIS PROSPECTUS. FURTHER PARTICULARS OF THE MINIMUM SUBSCRIPTION ARE DISCLOSED UNDER THE HEADING "PLAN OF DISTRIBUTION" HEREIN.

A PURCHASE OF THE SECURITIES OFFERED BY THIS PROSPECTUS MUST BE CONSIDERED AS SPECULATION. THE PROPERTY IN WHICH THE ISSUER HAS AN INTEREST IS IN THE EXPLORATION AND DEVELOPMENT STAGE ONLY AND IS WITHOUT A KNOWN BODY OF COMMERCIAL ORE. REFER TO "RISK FACTORS" HEREIN FOR FURTHER DETAILS.

ONE OR MORE OF THE DIRECTORS OF THE ISSUER MAY, FROM TIME TO TIME, HAVE AN INTEREST, DIRECT OR INDIRECT, IN OTHER NATURAL RESOURCE COMPANIES. REFER TO "CONFLICTS OF INTEREST" HEREIN FOR DETAILS OF THE PROPOSED CONFLICT RESOLUTION MECHANISM.

NO PERSON IS AUTHORIZED BY THE ISSUER TO GIVE ANY INFORMATION OR TO MAKE ANY REPRESENTATION OTHER THAN THOSE CONTAINED IN THIS PROSPECTUS IN CONNECTION WITH THE ISSUE AND SALE OF THE SECURITIES OFFERED.

UPON COMPLETION OF THIS OFFERING, THIS ISSUE WILL REPRESENT 31.52% OF THE SHARES THEN OUTSTANDING AS COMPARED TO 51.58% THAT WILL THEN BE OWNED BY THE PROMOTERS, DIRECTORS, OFFICERS AND CONTROLLING PERSONS OF THE ISSUER AND BY UNDERWRITERS. REFER TO "PRINCIPAL HOLDERS OF SECURITIES" HEREIN FOR FURTHER DETAILS OF SHARES HELD BY PROMOTERS, DIRECTORS, OFFICERS AND CONTROLLING PERSONS OF THE ISSUER AND REFER TO "OTHER MATERIAL FACTS" HEREIN FOR FURTHER DETAILS OF SHARES CWNED BY UNDERWRITERS.

WE, AS AGENT, CONDITIONALLY OFFER THESE SHARES SUBJECT TO PRIOR SALE, IF, AS AND WHEN ISSUED BY THE ISSUER AND ACCEPTED BY US, IN ACCORDANCE WITH THE CONDITIONS CONTAINED IN THE AGENCY AGREEMENT REFERRED TO UNDER "PLAN OF DISTRIBUTION" HEREIN.

#### AGENT

#### CANARIM INVESTMENT CORPORATION LID.

2200 - 609 Granville Street Vancouver, B.C. V7Y 1H2

EFFECTIVE DATE: November 1, 1988

DATED: October 14, 1988

PROPERTY FILE

#### THE PROPERTY

### Acquisitions

Pink Project Claims Liard Mining District Province of British Columbia

The Issuer is the holder of a right to purchase a 100% interest in and to the following claims located in the Liard Mining Division, in the Province of British Columbia (the "Pink Project Claims"):

Claim Name	Record Number	<b>Expiry Date</b>		
First	4183	Sept. 3, 1989		
Second	4184	Sept. 3, 1989		
Third	4185	Sept. 3, 1989		

The Issuer acquired its right to purchase a 100% interest in and to the Pink Project Claims under an arms-length agreement dated October 7, 1987, as amended March 31, 1988, and August 31, 1988, (the "Pink Project Option Agreement") entered into with Louis Mikulic ("Mikulic") of 615 Burley Drive, West Vancouver, British Columbia.

The Pink Project Option Agreement provides for the Issuer's acquisition of a 100% interest in and to the Pink Project Claims by the Issuer paying to Mikulic the sum of \$25,000 and issuing to Mikulic in the aggregate 150,000 common shares in the capital of the Issuer upon the following terms and conditions:

- the sum of \$25,000 to be paid to Mikulic upon execution of the agreement (which amount was paid);
- (b) 50,000 common shares in the capital of the Issuer to be issued to Mikulic as fully paid and non-assessable shares forthwith upon approval of the agreement by the Superintendent of Brokers and the Exchange and the Issuer's shares being posted and called for trading on the Exchange following an initial primary distribution of shares to the public through the facilities of the Exchange;
- (c) 50,000 common shares in the capital of the Issuer to be issued to Mikulic as fully paid and non-assessable shares upon completion of a phase 1 program of exploration on the Pink Project Claims by the Issuer pursuant to the recommendations of a qualified professional engineer or geologist, and the filing of an engineering or geological report with, and acceptance thereof by, the Exchange, such report to describe the results of the phase 1 program of exploration on the Pink Project

Claims and to recommend that a phase 2 exploration program be proceeded with; and

(d) 50,000 common shares in the capital of the Issuer be issued to Mikulic as fully paid and non-assessable shares upon completion of the phase 2 program of exploration on the Pink Project Claims described in the engineering or geological report contemplated in paragraph (c) above subject to the Issuer receiving recommendations that a further program be undertaken on the mineral claims.

Exercise of the option by the Issuer is subject to all phases of exploration on the Pink Project Claims being completed within four years from the date of the execution of the Pink Project Option Agreement and it is further subject to the engineering or geological reports contemplated to be filed as referred to in paragraphs (c) and (d) above being filed by the Issuer with the Exchange within 120 days from completion of each phase of the exploration programs to be undertaken on the Pink Project Claims.

Upon the aforementioned payments, acts and deeds having been fully paid and satisfied, the Issuer shall have earned a 100% interest in and to the Pink Project Claims. The Pink Project Option Agreement is subject to approval of the Exchange and the Superintendent of Brokers by December 31, 1988.

# Pit Claim Kamloops Mining Division Province of British Columbia

The Issuer is also the holder of a right to earn a 50% interest in and to the Pit Claim, record number 2156, expiry date October 5, 1989, located in the Kamloops Mining Division, in the Province of British Columbia. The Issuer acquired its right to earn a 50% interest in and to the Pit Claim under an arms-length agreement dated January 20, 1988 (the "Pit Earnings Agreement") entered into with Mikulic. The Issuer's option to earn a 50% interest in and to the Pit Claim shall terminate unless:

- (a) the Issuer spends no less than \$25,000 on a recommended exploration and development program on the Claim on or before Feburary 29, 1988, (which amount has been spent for the purposes of the Pit Earnings Agreement");
- the Issuer completes a primary distribution of securities to the public under a prospectus to be filed with the British Columbia Securities Commission by the Issuer and spends no less than an additional \$50,000 on exploration and development work on the Claim by December 31, 1988;

(c) the Issuer spends no less than an additional \$150,000 on exploration and development work on the Claim on or before September 30, 1989.

On the date the Issuer has spent \$225,000 on exploration and development work on the Claim, the Issuer will be deemed to have exercised its earning option and will be entitled to receive a transfer of 50% of Mikulic's interest in and to the Pit Claim.

The Issuer has entered into a Joint Venture Agreement dated January 20, 1988 with Mikulic which provides for the operation of the Pit Claim on a joint venture basis once the Issuer has earned a 50% interest in the Pit Claims. The Agreement covers the exploration and development of ores, minerals or other products on the property, the processing of such ores, minerals or other products, designing, engineering, constructing and operating any production facilities to mine or move such ores, minerals or other products, the marketing, selling and delivering of such products, the selling of any interest to a third party, and any other operations or activities which are incidental to the foregoing. The Agreement provides for the exploration and development of the property on a pro rata basis dependent on the interests of the parties in the property.

## Description of the Property

Pink Project Claims Liard Mining District Province of British Columbia

The Pink Project Claims are located in the Liard Mining Division in northeastern British Columbia and consist of three, four post mineral claims consisting in the aggregate of 52 units. The claims are located approximately 170 kilometers west of Fort Nelson, British Columbia and are accessable by helicopter for the time being as the all-weather gravel road to the property is washed out in several places.

Mineral exploration in the area has been active since copper mineralization was discovered in the Mt. Roosevelt area in the mid 1940s. Economic amounts of copper have been discovered at both the Churchill Copper Corporation Ltd. and Davis-Keays Ltd. property areas. Reserves reported from Churchill Copper Corporation Ltd. totaled more than one million tons grading 3.8% copper. In April 1970, a 750 ton per day mill was established but prevailing low copper prices forced its temporary closure in October 1971. In addition to the Churchill Copper Corporation Ltd. and Davis-Keays Ltd.'s discoveries, lesser discoveries in the area have been common.

The Pink Project Claims are the subject of a report dated February 25, 1988 prepared by Frank Di Spirito, B.A.Sc., P.Eng. and Gregg Stewart, B.Sc. of Shangri-La Minerals Ltd. (the

"Pink Project Report"), a copy of which report, except for Appendix B "Sample Descriptions" and Appendix C "Analytical Results", is annexed to and forms a part of this Prospectus. The full report is available for review at the office of the Issuer.

Shangri-La Minerals Limited completed a phase 1 exploration program on the Pink Project Claims during the period September 28 - October 8, 1987 which project involved geological, geochemical and geophysical surveying as well as trench blasting to expose new vein material. The stated purpose of the 1987 program was to investigate known mineralized quartz carbonate veins to determine their metal content as well as to test for possible extensions of these mineralized zones. According to the Pink Project Report:

Of the mineralized zones on the property both the Harris and Pink Veins are hydrothermal replacement deposits consisting of quartz-carbonate infilling fault zones. The Pink Vein is polymetallic in character having significant copper and cobalt values. The Harris Vein shows rusty oxidation and malachite on the surface with assays of up to 4% copper.

Elevated values of copper, cobalt, nickel, and arsenic were revealed by the soil geochemical survey. They may indicate a subsurface extension of the Pink Vein, and represent a target which warrants follow-up work.

The authors of the Pink Project Report recommend a second phase exploration program which should include systematic prospecting, detailed soil and rock geochemical sampling and machine trenching of the known soil geochemical anomalies. The estimated cost of the exploration program is \$77,000. Contingent upon favourable results from the recommended program, an additional phase of exploration will be necessary in order to more fully assess the economic mineral potential of the Pink Property Claims.

There is no plant or equipment located on or under the Pink Project Claims and the claims are without a known body of commercial ore. No director, officer, insider or promoter of the Issuer has an interest in the mineral properties located contiguously to the Pink Project Claims.

# Pit Claim Kamloops Mining Division Province of British Columbia

The Pit Claim, also known as the Hilltop Property, is located within the municipal boundaries of Kamloops, British Columbia and is approximately 3.5 kilometers northeast of the Kamloops airport terminal. The Pit Claim is a four unit modified grid system mineral claim originally staked in September 1979.

#### GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL REPORT

ON THE

#### PINK PROJECT MINERAL CLAIMS

FOR

MANGO RESOURCES LTD.

## LIARD MINING DISTRICT BRITISH COLUMBIA

NTS 94K/11W, 94K/12E NORTH LATITUDE: 58° 32' WEST LONGITUDE: 125° 28'

FRANK DI SPIRITO, B.A.Sc., P.Eng.
GREGG STEWART, B.Sc.
SHANGRI-LA MINERALS LIMITED
VANCOUVER, B.C.
25 February, 1988



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#### SUMMARY

Pursuant to a request by Mango Resources Ltd., Shangri-La Minerals Limited has completed a phase one exploration program of the Pink Project claim area. The program was carried out from September 28 to October 8, 1987, involving geological, geochemical and geophysical surveys as well as trench blasting to expose new vein material. The purpose of the program was to investigate known mineralized quartz-carbonate veins to determine their metal content as well as test for possible extensions of these mineralized zones.

The Pink Project claims consist of 52 units, these being three 4-post mineral claims which are located in the Liard Mining Division of north-eastern British Columbia, approximately 170 kilometres west of Fort Nelson. Access to the property is by helicopter from Fort Nelson as the all-weather gravel road to the property is washed out in several places.

The entire Project area consists of a sedimentary succession of Precambrian strata of the Aida formation consisting primarily of limy shales and limestone. Mineralized veins are of quartz-carbonate composition and are seen as infilling fault zones. The property area is also intruded by Late Precambrian diabase dykes.

Previous work in the area since the mid-1940's has resulted in discoveries of economic amounts of copper at both the Churchill Copper Corp. Ltd. and Davis-Keays Ltd. property areas. Lesser discoveries in the area have been common.

Of the mineralized zones on the property both the Harris and Pink Veins are hydrothermal replacement deposits consisting of quartz-carbonate infilling fault zones. The Pink Vein is polymetallic in character having significant copper and cobalt



values. The Harris Vein shows rusty oxidation and malachite on the surface with assays of up to 4% copper.

Elevated values of copper, cobalt, nickel, and arsenic were revealed by the soil geochemical survey. They may indicate a subsurface extension of the Pink Vein, and represent a target which warrants follow-up work.

Due to the favourable results, a \$77,000 second phase exploration program is recommended. The program should include systematic prospecting, detailed soil and rock geochemical sampling, and machine trenching of the known soil geochemical anomaly.

Signed at Vancouver, B.C.

Gregg Stewart, B.Sc.

25 February, 1988

Frank Di Spirito, B.A.Sc., P.

1/25 February, 1988

F. DISPIRITO

BRITISH

OLUMB A

VGINEE



#### 1.0 INTRODUCTION

## 1.1 Purpose and Scope of Work

A program of geological, geochemical, and geophysical surveying was carried out on the Pink Project claims for Mango Resources Limited by Shangri-La Minerals Limited. Fieldwork was conducted from September 28 to October 8, 1987. The purpose of the program was to investigate known mineralized quartz-carbonate veins to determine their copper, cobalt and other metal content, and to test for possible extensions of these mineralized zones.

## 1.2 Location, Access, Climate and Physiography

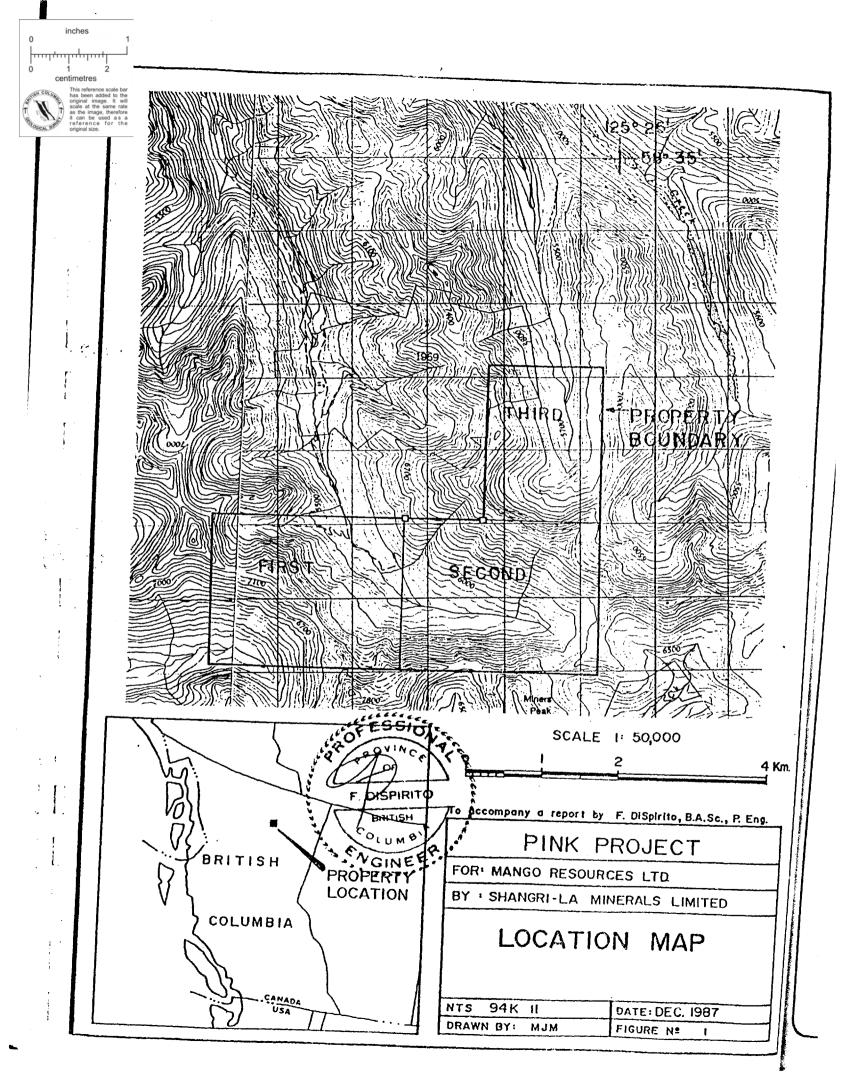
The Pink property area is located in northeastern British Columbia about 170 km west of Fort Nelson and about 15 km south of the Alaska Highway (Fig. 1). The property is at north latitude 58° 32' and west longitude 125° 28', and is covered by NTS map sheets 94K/11 and 12. Fort Nelson is served by regularly scheduled jet flights from Vancouver and Edmonton.

By road, the property is about 26 kilometers south of Mile 442 on the Alaska Highway. An all-weather gravel road to the property is washed out in several places, allowing access by truck for only 13 kilometres. The property is most easily accessed by helicopter.

The climate is harsh; typical of a continental type area. Snowfall is reported to average several metres during the winter.

The terrain is comprised of rugged glaciated valleys and serrated ridges, with mountain peaks rising to 10,000 feet.





Scree slopes and glacial debris cover most mountain slopes, with large solifluction lobes carrying frozen rock debris on to the valley floors. Minor amounts of grass and buckbrush are present growing on overburden covered areas.

## 1.3 Property Status

The Pink Project mineral property is in the Liard Mining Division, British Columbia, and consists of 3 mineral claims (Fig. 1). The property comprises a total of 52 claim units and covers an area of approximately  $17 \, \mathrm{km}^2$ .

CLAIM	RECORD NO.	AREA (UNITS)	EXPIRY
FIRST	4183	20	3/9/88
SECOND	4184	20	3/9/88
THIRD	4185	12	3/9/88

## 1.4 History

Mineral exploration in the area has been active since the mid 1940's, when copper mineralization was discovered in the Mt. Roosevelt area. The Churchill Copper Corporation Ltd. discovered the Magnum Mine in 1958 and 1959, with development of the area occurring in 1967. Reserves reported from Churchill Copper Corporation Ltd. total more than 1,000,000 tons grading 3.8% copper. In April 1970 a 750-ton-per-day mill was established but prevailing low copper prices forced its temporary closure in October 1971.

Surface sampling, underground exploration and development on the Davis-Keays property began in 1967. A feasibility report completed in June 1971 outlined semi-proven and probable ore



reserves of 1,375,700 tons averaging 3.38 percent copper in the Eagle Vein.

Higher grade reserves were discovered by Fort Reliance Minerals on its Toad River property in 1956, totaling 78,000 tons grading 5.15 percent copper. Several other properties in the area were explored in the late 60's and early 70's (Halferdahl, 1971).

Little work has been done in the area since the early 1970's, but with the present elevated copper price renewed interest in the area is probable.

#### 2.0 SURVEY SPECIFICATIONS

#### 2.1 Grid Establishment

Two separate survey grids were established on the Pink property claims. The first eastern and largest survey grid was controlled by a 600 metre baseline running 030°. Crosslines were located at right angles to the baseline every 100m. Stations were marked with metal wands and plastic tags every 15m using compass, clinometer and hip chain.

The second western survey grid was established approximately 1 kilometre to the west using a north-south baseline of 50m and crosslines located at right angles to this with 15m stations.

In total, both grids comprise 2,400 line-metres of crossline and 650 line-metres of baseline.

## 2.2 Geochemical Survey Method

A total of 113 soil samples and 34 rock samples were collected from the claims area. Fourteen samples were collected from the adit on the property with the remainder being collected from surface outcrops.

Samples of "B" horizon soil were collected along the crosslines of the eastern grid at 15m intervals, using a cast thick overburden, sampling was iron mattock. Due the to no less than 200 grams were placed in difficult. Samples of Kraft paper bags and air dried. As well, 10 silt samples were the creeks and streams on and close to the property taken in boundary.



The samples were shipped to Acme Analytical Laboratories in Vancouver. Rock samples were ground and soil samples sieved to minus 80 mesh. A portion of the samples were then digested and analyzed by ICP (induced coupled plasma) spectrometer for a 30 element suit, and by AA (atomic absorption) for gold. Selected rock samples (PS 5, 6, 31 & 32) were assayed for Cu, Ni, Sb, Co & Pt. Any sample over 5,000 ppm copper was assayed.

## 2.3 Ground Magnetometer Survey Method

A ground magnetometer survey was conducted on the two survey grids using a Geometrics Instruments Ltd. "Unimag" proton precision magnetometer, which measures the magnitude of the Earth's total magnetic field.

The survey was intended to detect magnetic variations associated with the veins. The magnetometer survey results were very flat, and are therefore not plotted.

## 2.4 Fieldwork on the Pink Property claims - 1987

Fieldwork on the Pink property claims began on September 28, 1987 with a two member crew from Shangri-La Minerals Limited for the purpose of collecting geological, geochemical and geophysical data. Due to washed out sections of the gravel road, access to the property was made by a combination of  $4\times 4$  truck and a helicopter hired from Fort Nelson.

On October 3, 1987, two additional members joined the crew at the Pink property claims, but the camp had been destroyed by winds of up to 60 km/hr. Rather than order equipment and set up



a new camp, the decision was made to hire a helicopter to fly the four-man crew from a base at Toad River each day. Very poor weather conditions with high winds, snow and frost resulted in slow progress. The fieldwork was halted on October 8, 1987. A total of 6 days were spent on the Pink property claims.

#### 3.0 GEOLOGY

## 3.1 Regional Geology

The mineral deposits of Churchill, Davis-Keays, and other neighboring claims occur in the Aida formation. The age of the rocks in this sedimentary sequence ranges from Proterozoic to Cretaceous, with considerable confusion in continuity introduced by unconformities and abundant thrust faults (Campbell, 1970). The copper-bearing veins in the area only occur in Precambrian Proterozoic rocks which have been intruded by Late Precambrian diabase dykes (Fig. 2).

The Proterozoic rock in the area is reported by Bell (1968) to form an unmetamorphosed to very low grade metamorphosed, largely sedimentary sequence at least 24,000 feet thick. Bell has divided the Proterozoic strata, of probable Helikian age, into seven formations ranging from 700 to 5,000 feet thick. The lithology of the formations consists of slate, slaty mudstone and siltstone, dolomite, limestone and quartzite. These rocks have all been involved in at least one orogeny prior to the most recent, which produced the present Rocky Mountains.

The area is intruded by numerous dark resistive diabase dykes ranging up to 15m in width and having extents of more than 8 km. Although the dykes are of uniform thickness over large distances, they can swell to twice their usual width before pinching out abruptly. Mineralized quartz-carbonate veins sub-



parallel to the diabase dykes occur, ranging from 1 to 4m in width and up to 600 m in length. The genetic relationship between the diabase dykes and quartz-carbonate veins is unclear, but it appears that both were intruded into similar zones of weakness in the sedimentary rocks created by folding and faulting.

Mineralogically, the quartz-carbonate veins contain chalcopyrite and its oxidation products, malachite and azurite. Locally small amounts of pyrite, galena and bornite are found (Halferdahl, 1971).

## 3.2 Property Geology

The entire sedimentary succession within the property consists of Precambrian strata of the Aida Formation. This formation is of considerable thickness, ranging from 3,470 to 7,100 feet (Bell, 1968). Lithology types include slaty-cleaved, light to medium grey mudstone siltstone; and minor carbonaceous mudstone, dolomite and limestone. Much of the property is covered with talus slopes, making precise mapping difficult except for outcropping diabase dykes and quartz-carbonate veins (Fig. 3).

One large diabase dyke cuts through the area covered by the grid. The dyke trends northeasterly for 1,400 metres, is up to 15 metres wide, and dips vertically. Although the dyke is covered by scree in many places, there are areas of good exposure with very resistive sections of outcrop. The dyke has very little effect on the country rock, which shows minimal contact metamorphism.

#### 3.3 Structure

Throughout the project area the strata are folded about axes that plunge gently southeastward. The folds are asymmetric, with steep northeast and gentle southwest limbs. Planes of slaty cleavage trend southeasterly and dip steeply to the southwest. Generally, the quartz-carbonate veins on the property trend northeasterly, parallel to the diabase dykes and perpendicular to the axes of the southeasterly plunging folds (Preto, 1971).

## 3.4 Mineralization and Veining

There are four separate outcropping quartz-carbonate veins on the survey grid including the Ridge Creek, Harris and Pink veins. The Keays vein was sampled but not covered by the survey grid and due to severe working conditions the only other veins sampled during the course of the fieldwork were the Harris and Pink veins (Fig. 3).

#### Pink Vein

The Pink Vein crops out on the southwest side of Bonanza Peak. The vein appears to be cut by a northeasterly trending diabase dyke with the easterly outcrop having an attitude of 220/77E and the westerly outcrop having an attitude of 270/71E. Previous geologic mapping by V.A. Preto represents the vein as having a more consistent trend between the two outcrops. Mapping done during the 1987 field work indicates that the two outcrops are either separate veins, or that one vein changes orientation quickly over a short distance.



#### Harris Vein

The Harris vein crops out in the southern canyon wall of Gold Creek with continuous exposure occurring for about 60 metres. The vein stops abruptly at Gold Creek, disappearing beneath the overburden to the northeast. The attitude of the Harris Vein is 202/90.

## Mineralized Outcrops

Both the Pink and Harris veins are hydrothermal replacement deposits occupying fault zones. The veins consist of quartz-carbonate with inclusions of country rock (limy shales and limestone) and chalcopyrite. The Pink Vein shows considerable erythrite (Cobalt bloom) on the surface, assaying up to 0.61% cobalt (PS-32). The Harris Vein shows rusty oxidation and malachite on the surface with assays of copper.

The Harris adit (Fig. 4) is located west of Gold Creek and just north of L400 South. It is 130m long, following the Harris Vein which is a quartz-carbonate vein hosted in interbedded shale and limestone. The vein pinches and swells from 0m to 3.0m several times throughout the length of the adit. The walls of the adit are shot through with quartz veins and veinlets with minor chalcopyrite being the only visible mineralization. Rusty oxidized staining is common.

Fourteen samples (PS7-PS20) were collected in the adit including grab and channel samples across several small veins. The main (Harris) vein could not be sampled, as it followed the roof of the adit which was more than 5 metres high. Samples PS7 and PS9 gave the most positive results, both assaying 0.9% copper over 30 cm and 15 cm respectively.

#### 4.0 RESULTS

## 4.1 Soil Geochemistry Survey

Cobalt, Nickel, Arsenic

A small cluster of anomalous cobalt values occur along L400 S between stations 60 west and 15 east. These values range from 12 ppm to 45 ppm. Elevated nickel and arsenic values in the same area indicate a relationship between the three elements. Nickel values range from 33 ppm to 162 ppm and arsenic from 38 ppm to 163 ppm.

This trend of anomalous Co, Ni, As values may be an indicator of a western extension of the Pink Vein.

### Copper

Copper geochemistry is limited and spotty with only 3 anomalous values occurring over the survey grid. These occur at L400 S +15 W, + 30 W and L0 S + 30 E with values ranging from 72 ppm to 1,180 ppm. There may be a weak elemental correlation with iron, but this is uncertain.

The anomalous values on L400 S may be of significance. The elevated values of Cu, Co, Ni and As may indicate a western extension of the Pink Vein, as the soil geochemical results are similar to the rock geochemistry of the Pink Vein. The anomalies are indicated on the Compilation Map (Fig. 5).



## 5.0 CONCLUSIONS AND RECOMMENDATIONS

## 5.1 Conclusions and Recommendations

The 1987 exploration program carried out on the Pink property claims has identified mineralized zones in quartz-carbonate veins hosted in Precambrian limy shales and limestones of the Aida Formation.

Previously reported metal values from past work have been confirmed by this program's results, with copper values up to 4% and cobalt up to 0.5%. The Harris Vein appears to contain primarily copper, while the Pink Vein is polymetallic, with good cobalt/copper grades and widths.

Elevated values of copper, cobalt, nickel, and arsenic were revealed by the soil geochemical survey. They may indicate a subsurface extension of the Pink Vein, and represent a target which warrants follow-up work.

The results of the program indicate the Pink property has the potential to host economic mineralization, and a follow-up program is warranted and recommended by both authors.

A \$77,000 follow-up program is recommended. The program should include systematic prospecting, detailed rock and soil geochemical sampling, and machine trenching. As well, the all-weather gravel road should be refurbished to provide overland access to the property.

An estimated cost breakdown of the proposed program is given on the following page.

## 5.2 Estimated Cost of Recommended Exploration Program

Geological mapping and support	\$10,000.00
Grid establishment 50 m lines, 15 m stations	
10 km @ \$150/km	1,500.00
Rock sampling, 100 samples @ \$25.00/sample	
(including collection and analysis)	2,500.00
Detailed fill-in soil geochemical survey	
700 samples @ \$20.00 sample	
(including collection and analysis)	14,000.00
Trenching with heavy equipment	15,000.00
Refurbishing road	12,000.00
Engineering and interpretation	10,000.00
Report preparation	5,000.00
Contingencies, allow	7,000.00
TOTAL	\$77,000.00
	=======

Contingent upon favourable results from the recommended program, an additional phase of exploration wil be necessary in order to more fully assess the economic mineral potential of the Pink property.

Signed at Vancouver, B.C.

Frank Di Spirito B.A.Sc., P.Eng. 25 February 1988 Grego Stewart BSC

Gregg Stewart, B.Sc. 25 February 1988

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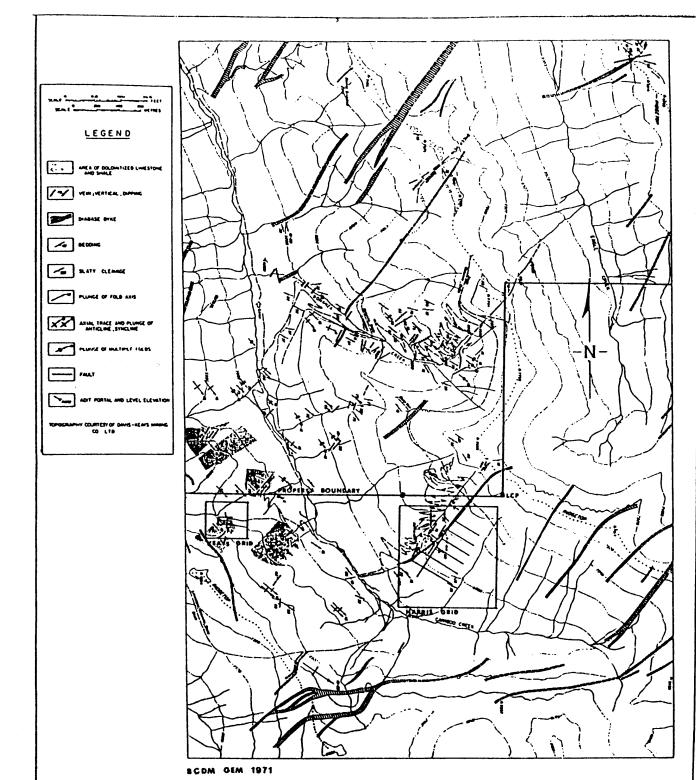
Halferdahl, L. B. and Van Dyck, G.A. (1971) Exploration of the Ram Creek
Property, Toad River area, Liard
Mining Division, B.C., Assessment
report #3420, Halferdahl &
Associates Ltd.



## APPENDIX A Certificates



Shangri-La Minerals Limited-





To accompany report by F. DiSpirito, B.A.Sc., R.Eng.

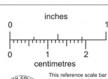
PINK PROJECT

FOR: MANGO RESOURCES LITD.

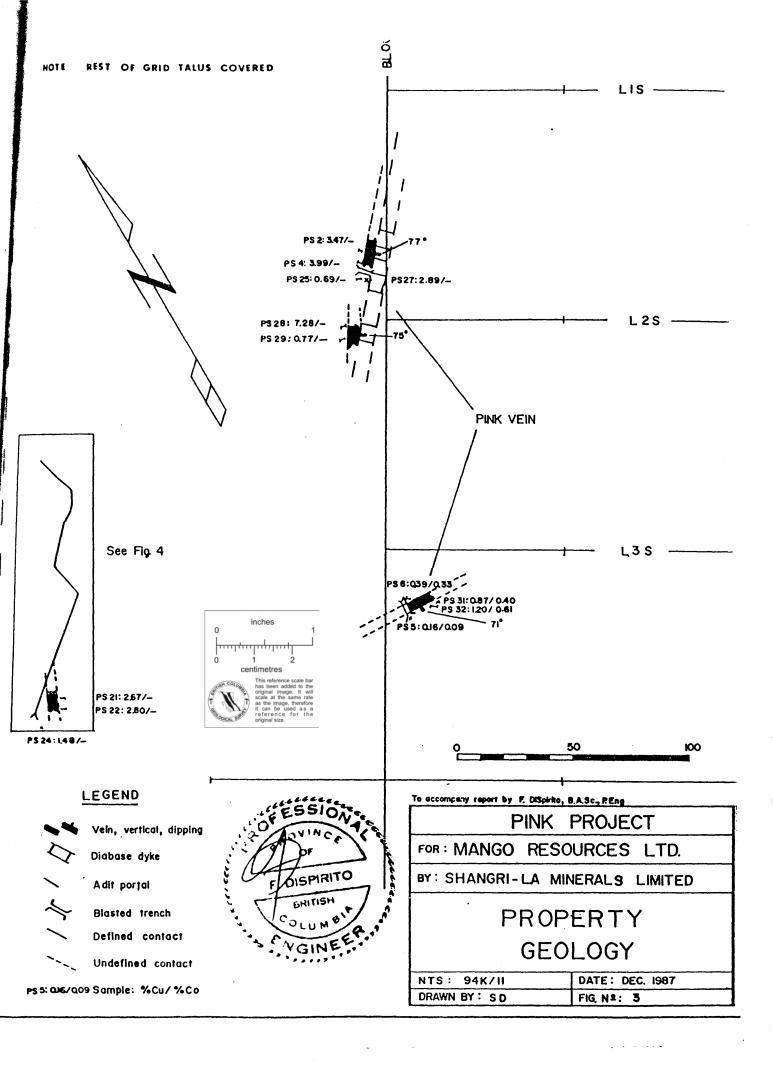
BY: SHANGRI-LA MINERALS LIMITED

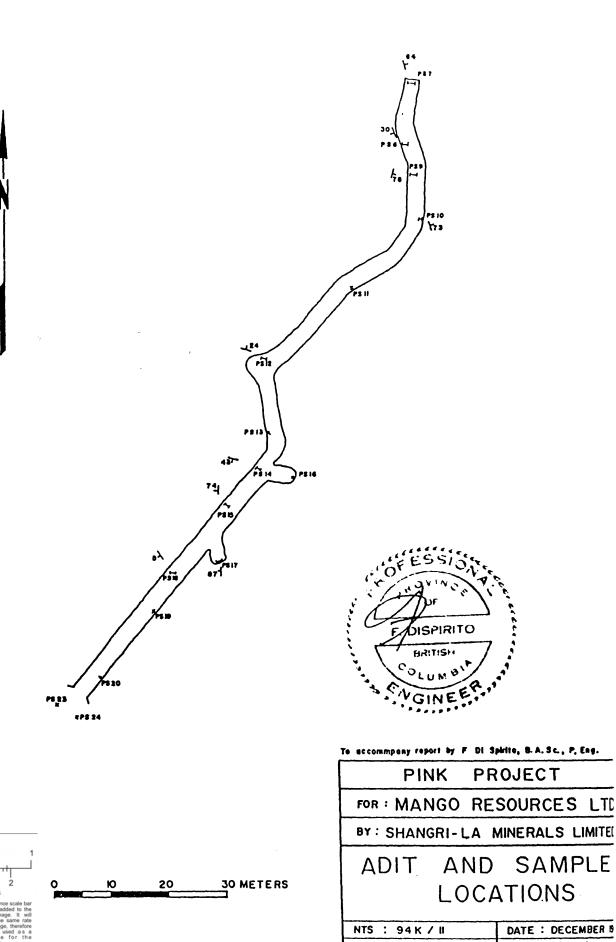
REGIONAL GEOLOGY

NTS: 94K/II	DATE: DEC. 1987
DRAWN BY: SD	FIG. N1: 2









BY : SHANGRI-LA MINERALS LIMITE

DRAWN BY: S.D.

FIGURE Nª :

