# CONTINENTAL GOLD CORP.

THE GOLD & COPPER GROWTH INVESTMENT IN PERSPECTIVE 675795 Mt. Hulligan 931/1

Developing Mt. Milligan To Production

Canada's Largest Gold-Copper Deposit

# THIS STUDY PLACES CONTINENTAL GOLD CORP. AND ITS 69.84% CONTROLLED MT. MILLIGAN GOLD-COPPER PROJECT IN PERSPECTIVE

## 1 Describes

The massive scale Mt. Milligan gold-copper project.

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#### 6 Highlights

Mt. Milligan's importance to Canada and British Columbia.

#### 10 Compares

Mt. Milligan to leading Canadian gold mines and to major British Columbia copper mines.

# 12 Evaluates

Continental Gold Corp. in relation to North America's top gold companies.

#### 14 Summarizes

The unprecedented growth potential for Continental Gold Corp.

# MT. MILLIGAN GOLD-COPPER PROJECT

# **A SUMMARY**

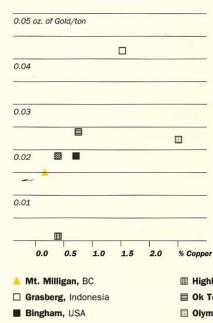
Continental Gold Corp. (69.84%) and BP Resources Canada Limited (30.16%) have discovered North America's largest undeveloped goldcopper deposit at Mt. Milligan, British Columbia, Canada.

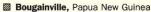
#### Introduction

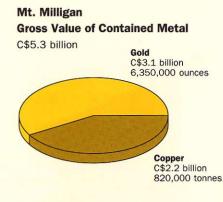
The Mt. Milligan project is a world class, open pit mine development in the engineering stage. Current drill indicated metal content of reserves is 6,350,000 ounces of gold and 820,000 tonnes of copper. Milling at a rate of 55,000 tonnes per day would produce 400,000 ounces of gold and 38,000 tonnes of copper annually.

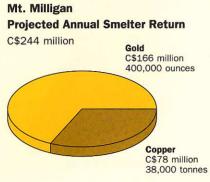
The Mt. Milligan project has many similarities to the world's largest gold-copper projects and will provide, from one mine, world class gold and base metal production.



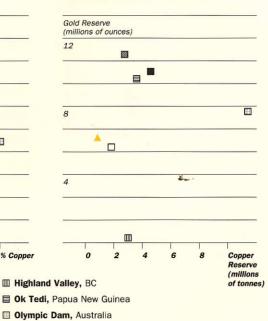






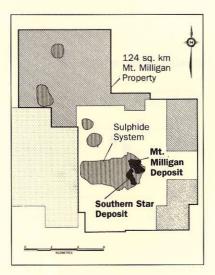


**Metal Content in Reserves** 





Location & British Columbia Open Pit Mines



#### **Property Map**

- Deposit Targets
   69.84% Continental Gold
   30.16% BP Resources Canada
- 100% Continental Gold
- BP Resources Canada 100% Option

#### Location

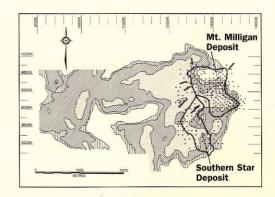
The Mt. Milligan deposit is located 150 kilometres north of Prince George, at an elevation of 1,100 metres in an area of logged, gently rolling country. Climate is moderate. The resource based region hosts large pulp mills, sawmills and open pit mines such as Bell (copper), Endako (molybdenum) and Equity Silver (copper-silver-gold).

#### History, Geology & Exploration

In 1984, BP Resources Canada Limited acquired the Mt. Milligan property. After completing surface surveys BP Resources Canada Limited optioned the property in 1986 to United Lincoln Resources Inc. which amalgamated with Continental Gold Corp. in early 1989. The project is a Continental Gold Corp. 69.84% – BP Resources Canada Limited 30.16% joint venture. Continental Gold Corp. is project operator.

An immense, 10 square kilometre, gold and copper rich sulphide system exists around monzonite stocks which intrude volcanic strata. Drilling of 120,000 metres in 540 holes within the eastern portion of this system has confirmed two major bulk tonnage gold-copper deposits and numerous high grade gold veins. The balance of the sulphide system and other targets on the 124 square kilometre property remain to be drill tested.

The Mt. Milligan gold-copper deposit measures 1,200 metres by 800 metres and is up to 400 metres deep. The Southern Star deposit is 1,300 metres by 400 metres, extends to 400 metres in depth and remains open. Deposits are capped by overburden which averages 25 metres thick. Mineralization is stockworks and disseminated grains of chalcopyrite, pyrite and minor bornite. Native gold occurs as fine free grains and associated with sulphides.



#### Deposit Plan & Disseminated Sulphide System

Sulphide Content -

- 🔤 High
- Medium
- Low
- Vein
- Drill Hole Location

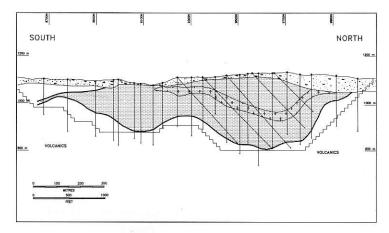
## **Reserves & Mining**

The Mt. Milligan deposits rank among the world's largest goldcopper deposits. Additional drilling, presently underway, is expected to further increase reserves. Current drill indicated reserves are shown in the table to the right. Engineering of mineable reserves is in progress.

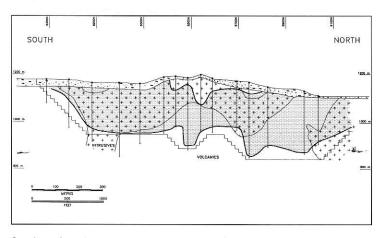
The massive size, blanket-shaped configuration and uniform distribution of gold and copper make the deposits ideally suited for high volume, low cost, open pit mine development. Stripping ratios are in the 1.2:1 range. Mining will commence within a near surface, relatively higher grade zone.

# **Drill Indicated Reserves**

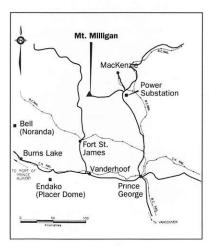
		Grade		Contained Metal	
		Gold	Copper	Gold	Copper
Deposit	Tonnes	oz./ton	%	0Z.	tonnes
Mt. Milligan	265,000,000	0.016	0.19	4,700,000	510,000
Southern Star	135,000,000	0.011	0.23	1,650,000	310,000
Total	400,000,000	0.014	0.20	6,350,000	820,000



Mt. Milligan Gold-Copper Deposit



Southern Star Gold-Copper Deposit



Site Location

#### Metallurgy & Milling

Extensive metallurgical programs have been successfully completed. Coarse grinding of the low work index ore followed by standard flotation extraction processes recover 80% of the gold and 88% of the copper. A premium copper concentrate averaging 25% copper with 1.5 to 5.5 ounces gold/ton is produced. In-progress optimization work is expected to improve recoveries by 5%. A 200 tonne representative sample is being prepared for final pilot plant testing.

At a milling rate of 55,000 tonnes per day, current reserves provide for a mine life in excess of 15 years.

#### Infrastructure

Mt. Milligan is centred in British Columbia's mining country. Large scale open pit mines are the norm. After decades of production some of these mines are nearing exhaustion, freeing skilled personnel and equipment for Mt. Milligan's development. Nearby communities of Mackenzie (pop. 5,600), Fort St. James (pop. 2,500), and the major supply and service centre of Prince George (pop. 70,000) support the project's development. A developed road network and bulk container railroad system for deep sea port shipping of concentrate to smelters is in place. Electric power and water resources are available nearby.

#### Environment

Environmental surveys for the project are advanced, with government permitting programs underway. Uses for the provincially owned land are forestry, wildlife habitat with lesser potential for trapping, hunting and recreation. Since most of the Mt. Milligan site has been clear-cut logged, forestry and wildlife factors are less critical. Salmon do not inhabit the region's watersheds and there are no recorded heritage sites. Waste dump and tailings impoundments will be acid consuming and reagents used to recover metals will be conventional.

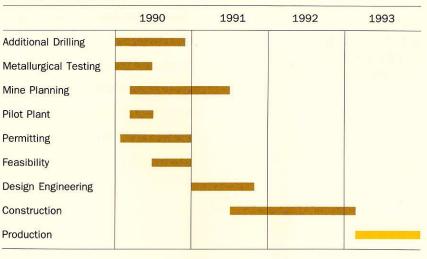


Mt. Milligan Project Site

#### **Countdown To Production**

Exploration expenditures to 1989 totalled \$11.6 million. An accelerated, \$7.1 million feasibility, engineering and permitting program is underway for a construction startup in 1991 of the estimated C\$325 million project. Employing some 350 people, large scale production of gold and copper would follow in early 1993.

#### **Development Schedule**



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## Mt. Milligan Mine Model

Milling Rate (tonnes/day)	55,000
Milling Rate (tonnes/year)	20,000,000
Mine Life (years)	15+
Project Capital Cost (C\$)	325,000,000
Operating Cost (C\$/tonne)	5.00

#### **Projected Annual Operations**

Gold Production (oz.)	400,000
Copper Production (tonnes)	38,000
Cost Gold Production (US\$/oz.)	140
Cost Copper Production (US\$/II	o.) 0.34
Cost Gold Production Net	
of Copper Revenues (US\$/oz.)	40



**Open Pit Plan** 

# MT. MILLIGAN IS IMPORTANT TO CANADA

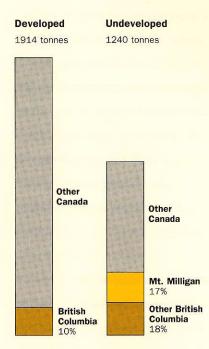
# Mt. Milligan Will Meet the

# Challenge of Canada's Dwindling

# Mineral Supply.

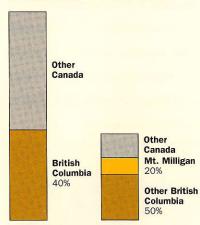
Mt. Milligan contains 17% of Canada's undeveloped gold reserves and 20% of its undeveloped copper reserves at a time when metal reserves are in dramatic decline.

#### **Canadian Gold Reserves**



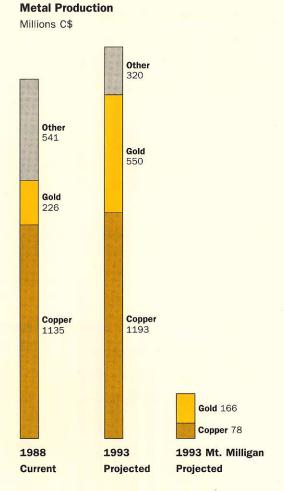
#### **Canadian Copper Reserves**

Developed 13 million tonnes Undeveloped 5 million tonnes



# MT. MILLIGAN IS IMPORTANT TO BRITISH COLUMBIA

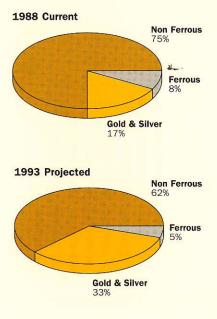
British Columbia Is Mining Country and Mt. Milligan Will Keep It That Way... Mt. Milligan production will add 13% to the total value of British Columbia metal mining.



Annual Value – British Columbia

... While Changing the Structure of the Province's Metal Output. Mt. Milligan production will double British Columbia's precious metal output.

# Relative Value – British Columbia Metal Production



# **Creating New Wealth for**

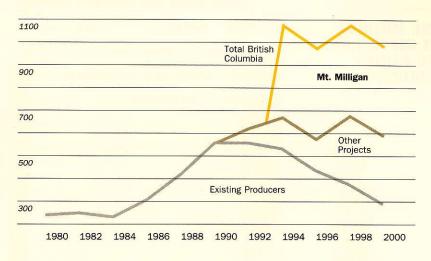
## British Columbia and Canada.

Startup at Mt. Milligan will usher in a major gold era for British Columbia as provincial output doubles.

## British Columbia Gold Production 1980-2000

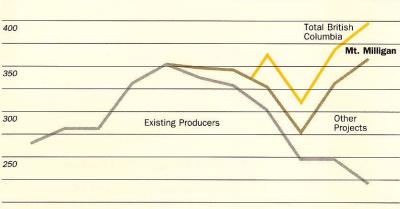
(thousand ounces gold)

(thousand tonnes copper)



Many of British Columbia's existing copper mines are nearing exhaustion. Mt. Milligan will fill the gap for renewed growth in British Columbia copper mining.

## British Columbia Copper Production 1980-2000



1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000

#### Reserves

Production

Mt. Milligan's annual gold

significant in Canada, with

400,000 ounces of gold.

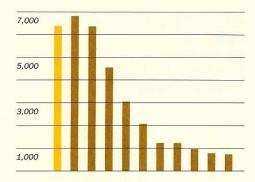
output will be among the most

projected annual production of

With 6.35 million ounces of contained gold, Mt. Milligan has the reserve base to support a long life gold mining venture.

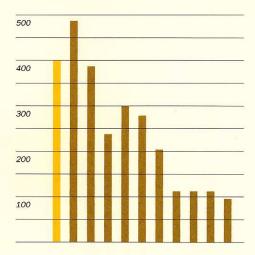
#### **Gold Reserves**

(thousand ounces)



#### **Gold Production**

(thousand ounces)

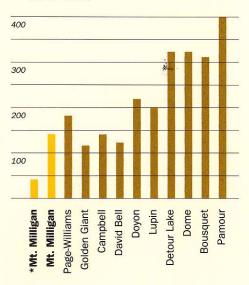


#### **Operating Cost**

Mt. Milligan will be set apart from other gold mines by additional revenue from copper sales, which will generate increased profit for every ounce of gold produced.

# **Operating Cost**

(US\$/ounce)



## Leading Canadian Gold Mines

\*Cost of gold net of copper revenues

## Reserves

**MT. MILLIGAN** 

**BRITISH COLUMBIA** 

**OPEN PIT MINES** 

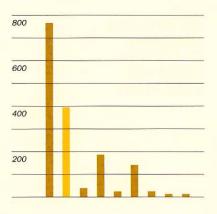
COMPARED

TO MAJOR

The Mt. Milligan gold-copper deposit rivals the largest deposit in British Columbia, which is also the third largest in the world.

#### Reserves

(million tonnes)



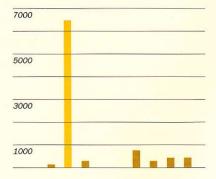
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#### Gold Content of Reserves

Mt. Milligan's gold inventory ensures many years of profitable production.

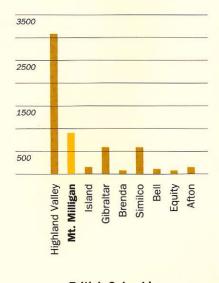
# **Gold Content of Reserves**

(thousand ounces)



# **Copper Content of Reserves**

(thousand tonnes)



British Columbia Open Pit Mines

## **Copper Content of Reserves**

As a dual metal project additional benefits accrue from significant copper reserves.

# **Milling Capacity**

**Gold Production** 

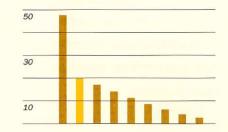
Mt. Milligan will be British Columbia's second largest, low cost mine.

As a world class gold producer,

Mt. Milligan will dwarf all of British Columbia's major open pit mines.

# **Milling Capacity**

(million tonnes/year)



#### **Gold Production**

(thousand ounces/year)

**Copper Production** (thousand tonnes/year)

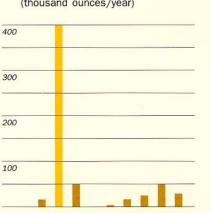
180

140

100

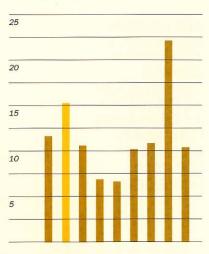
60\_\_\_\_

20

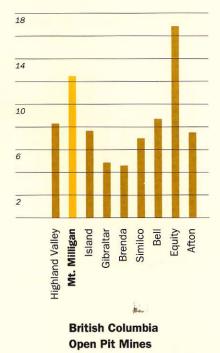


# **Gross Metal Value**

(C\$/tonne)



# **Net Smelter Return** (C\$/tonne)



#### **Copper Production**

At the same time, Mt. Milligan's copper production will compare favourably with British Columbia's leading copper mines.

#### **Metal Sales**

Profit margins from Mt. Milligan will be exceptionally high compared to the British Columbia industry norm.



Brenda Similco

Equity Afton

Bell

Island

Gibraltar

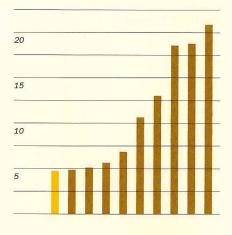
Highland Valley Mt. Milligan

# CONTINENTAL GOLD CORP.'S EXCEPTIONAL GROWTH POTENTIAL CAN BE EVALUATED BY COMPARING IT TO NORTH AMERICA'S TOP GOLD PRODUCERS

Based on its 69.84% share of Mt. Milligan's gold reserves and on its anticipated annual gold output, Continental Gold Corp. will vault into the ranks of North America's top gold producers.

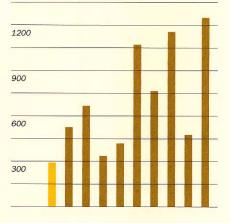
# Gold Reserves

(million ounces)



# Gold Production

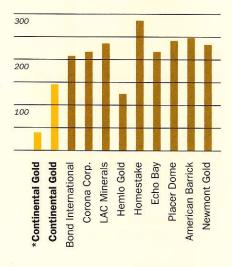
(thousand ounces/year)



Due to dramatically lower gold production costs arising from offsetting copper revenue, investors in Continental Gold Corp. will receive significantly increased profitability per ounce of gold produced.

Cash Cost

(US\$/ounce)

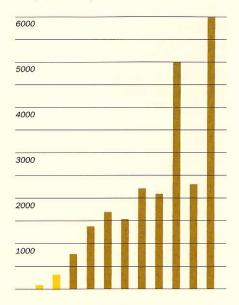


#### **Top Gold Producers**

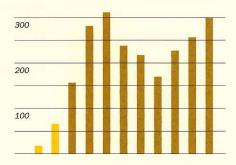
\*Cost of gold net of copper revenues

Continental Gold Corp.'s unprecedented growth potential is clearly seen by comparing the market capitalizations of North America's top gold producers.

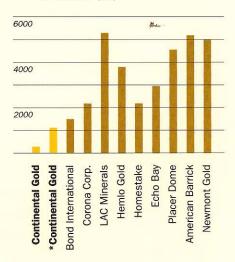
Market Capitalization – Dec. 1989 (C\$ millions)



Market Capitalization/Ounce Gold Reserves (C\$)



Market Capitalization/Ounce Gold Production (C\$)



\*Market Capitalization adjusted for Capital Cost

A key to Continental Gold Corp.'s investment appeal is its low market capitalization relative to its immense gold holdings.

# SUMMARY OF CONTINENTAL GOLD IN RELATION TO LEADING NORTH AMERICAN GOLD PRODUCERS

#### **Gold Production**

Continental Gold Corp. through its investment in Mt. Milligan, is expected to be among the top ten gold companies in North America.

### **Gold Reserves**

Continental Gold Corp.'s massive gold reserves provide a secure base to establish its position as one of the quality, long life gold producers in North America.

# **Gold Leverage**

Current shareholders own 63 ounces of gold for every \$1000 invested in Continental Gold Corp. Allowing for the capital cost required to bring Mt. Milligan to production, shareholders will own 15 ounces of gold for every \$1000 invested.

#### **Cash Cost Per Ounce**

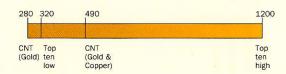
Continental Gold Corp.'s unique position among the major gold producers will be enhanced by its copper production. Gold will be produced for less than \$40 per ounce, when profit generated from copper sales is deducted from costs.

# Market Capitalization Per Ounce of Annual Gold Production

The market value of Continental Gold Corp. does not yet reflect the anticipated gold production from Mt. Milligan. North America's top gold companies support an investment of up to \$5000 for every ounce of annual gold production.

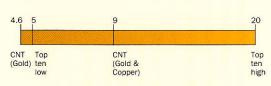
# **Gold Production**

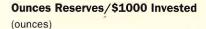
(thousand ounces/year)

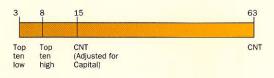


# **Gold Reserves**

(million ounces)

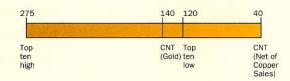






#### **Cash Cost/Ounce**

(US\$/ounce)



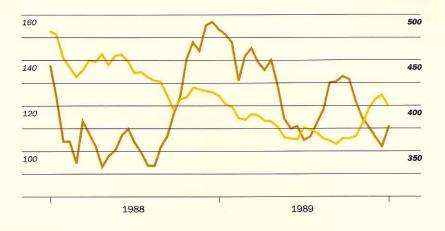
# Market Capitalization/ Annual Ounce Gold Production

(C\$/ounce)

5240	1476	1066	253
Тор	Тор	CNT	CNT
ten	ten	(Adjusted	
high	low	for	
		Capital	)

Gold & Copper Prices \_\_\_\_\_\_ LME Copper US\$/lb.

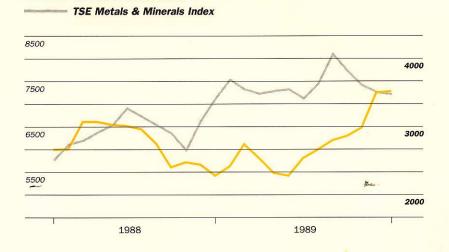
London Gold US\$/ounce



Investors in Continental Gold Corp. shares will be protected from the extremes of metal price highs and lows.

- TSE Gold & Silver Index

#### **Stock Market Indices**



Continental Gold Corp. has a

built in hedge against swings in

investor sentiment towards base

or precious metals.

# CONTINENTAL GOLD CORP.'S GOLD & COPPER RESERVES PROVIDE ADDED BENEFITS FROM DIVERSIFICATION

# CORPORATE INFORMATION

#### Officers

Robert G. Hunter, Chairman Robert A. Dickinson, President Douglas B. Forster, Vice-President, Secretary

#### **Directors**

Ray W. Ballmer David J. Copeland Robert A. Dickinson Douglas B. Forster Harold H. Forzley Jeffery P. Franzen Robert G. Hunter Barry D. McKnight Ronald W. Thiessen

#### Solicitors

Sobolewski, Anfield Suite 1600, 609 Granville Street Vancouver, British Columbia Canada V7Y 1C3

Farris, Vaughn, Wills & Murphy 26th Floor, 700 West Georgia Vancouver, British Columbia Canada V7Y 1B3

#### **Auditors**

Coopers & Lybrand 1111 West Hastings Street Vancouver, British Columbia Canada V6E 3R2

#### **Transfer Agent**

Montreal Trust Company 2nd Floor, 510 Burrard Street Vancouver, British Columbia Canada V6C 3B9 or 66 Temperance Street Toronto, Ontario Canada M5H 1Y7

#### Bank

Canadian Imperial Bank of Commerce 400 Burrard Street Vancouver, British Columbia Canada V6C 3A6

#### Trades

Vancouver Stock Exchange (CNT:V) NASDAQ (CNTVF)

 Capitalization – as at March 15, 1990

 Common authorized

 100,000,000

 Issued
 8,152,799

 Fully diluted
 8,466,185

#### For further information contact:

Robert A. Dickinson, President Suite 1020, 800 West Pender Street Vancouver, British Columbia Canada V6C 2V6 Telephone: 604-684-6365

To the best of our knowledge, the information was correct at the time of compilation. No responsibility can be accepted for any errors or omissions and Koornhof Agencies expressly disclaims any such responsibility.

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