L.O.M. Western Securities Ltd.

826435

# **TASEKO MINES LIMITED**

"A POTENTIAL TAKEOVER TARGET"

"GOLD AND COPPER"

Anthony W. Garson, BSc, MBA Mining Analyst (604) 643-7446/45 direct June 3, 1991

L.O.M. Western Securities Ltd. is affiliated with Loewen, Ondaatje, McCutcheon & Company Limited and Loewen, Ondaatje, McCutcheon & Company S.A. The information contained in this report is drawn from sources believed to be reliable, but the accuracy or completeness of the information is not guaranteed, nor in providing it does L.O.M. Western Securities Ltd. assume any responsibility or liability. This report is not to be construed as an offer to sell or the solicitation of an offer to buy any securities. The inventories of L.O.M. Western Securities Ltd., its affiliated companies and the holdings of their respective directors and officers and companies with which they are associated, may from time to time include the securities mentioned in this report, L.O.M. Western Securities Ltd. is a wholly owned subsidiary of Loewen, Ondaatje, McCutcheon Inc.

# TASEKO MINES LIMITED TKO:V

### "A POTENTIAL TAKEOVER TARGET" "GOLD AND COPPER"

RECENT **PRICE** \$3.90

52 WEEK SHARE PRICE RANGE \$4.50 - \$0.20

### RECOMMENDATION:

Buy for aggressive accounts.

**Target Price:** 

\$6.50 - \$9.00

Capitalization:

(As at May 24, 1991)

Authorized

25,000,000

Issued

6,754,718

Fully Diluted

9,182,384

Major Shareholders:

Management

49.4% (Fully diluted)

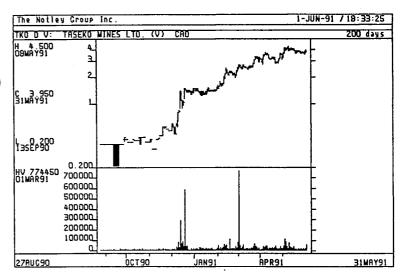
Cominco Ltd.

10.9% (Fully diluted)

NOTE: All financial data is expressed in Canadian

dollars unless otherwise stated.

### **SUMMARY & RECOMMENDATION**



The Taseko Mines Limited ("Taseko"), gold-copper porphyry deposit, known as Fish Lake, is located approximately 160 km by air north east of Vancouver, B.C., Canada. The Fish Lake deposit parallels in size, economics and location the well known Mt. Milligan gold-copper porphyry deposit which was recently the subject of a takeover bid by Placer Dome Inc. Taseko's management is led by the same Board of Directors which guided Mt. Milligan towards Placer's successful \$258 million bid for 5.3 million ounces of contained gold valued at \$48.86 per contained ounce. This resulted in shareholders of Continental Gold Corp.(9.2 million shares outstanding.) receiving \$20.00 per share, reflecting Continental's 70% interest in the Mt. Milligan Project.

This report addresses the economics of Fish Lake with a view towards evaluating a potential takeover bid price for the shares of Taseko Mines Limited.

Our conceptualized valuation is based on data compiled by consultants retained by Taseko and as provided by Taseko's management. At a cut-off grade of 0.40% copper equivalent, Mineable and Diluted - Drill Indicated and Possible Reserves amount to 362 million tons grading 0.23% copper and 0.013 oz gold per ton. The capital cost of this project is estimated to amount to \$400 million. It is projected to operate at 66,000 tons per day or 22 million tons per year. This production rate represents a 16 year mine life.

There are no identified environmental or permitting issues that would prevent development of the Fish Lake Project.

Annual copper production would amount to 230,000 tons of copper concentrate containing 94 million lbs. of copper and 215,000 ounces of gold. The average direct cash operating cost is projected at \$3.85 per ton. At metal prices of U.S. \$1.10/lb. copper and U.S. \$370/oz gold, the average deposit net smelter return amounts to about \$7.20 per ton of ore providing a gross operating margin of about \$3.35 per ton.

We project a pre-tax discounted cash flow ("DCF") range for this project of between \$100 million - \$130 million. At a 0.40% copper equivalent cut-off grade, the deposit is estimated to contain 4.6 million oz. of gold. This values the above DCF at between \$22 - \$28 per ounce of contained gold. We believe this to be appropriate in light of the amount of work completed on the Fish Lake Project relative to Mt. Milligan at the time of the Placer Dome Inc. offer. Under the Taseko/Cominco agreement, Cominco Ltd. would receive a minimum \$20 million or maximum \$48 million upon a successful takeover bid or sale of the Fish Lake Project.

In our opinion, under the terms of the Taseko/Cominco agreement and based on 9.182 million Taseko shares outstanding (fully diluted), a share price target of \$6.50 - \$9.00 per Taseko share is warranted.

RECOMMENDATION BUY: At the current price of approximately \$4.00 per share we recommend purchase of Taseko shares by aggressive accounts.

TABLE OF CONTENTS	
Pag	e No.
Summary & Recommendation	1
SECTION 1 THE FISH LAKE PROJECT	3
Background to Our Analysis Brief Background to the Fish Lake Project Figure 1: Site Location Reserves: Tonnage Table 1: Drill Indicated Reserves Table 2: Fish Lake - Mt. Milligan Comparison Environmental Overview.	3 4 4 4 5 5
SECTION 2 ECONOMIC EVALUATION	7
Production Variables Production Output Capital and Operating Costs Value of Production: Table 3: NSR and Metal Price Sensitivities Cash Flows: DCF Analysis Table 4: DCF/ROI vs. Copper and Gold Prices Projected Bid Price per Ounce of Contained Gold	7 7 8 8 8
SECTION 3 SHARE PRICE EVALUATION	10 10 11 11 11

### **SECTION I**

#### THE FISH LAKE PROJECT

### **BACKGROUND TO OUR ANALYSIS**

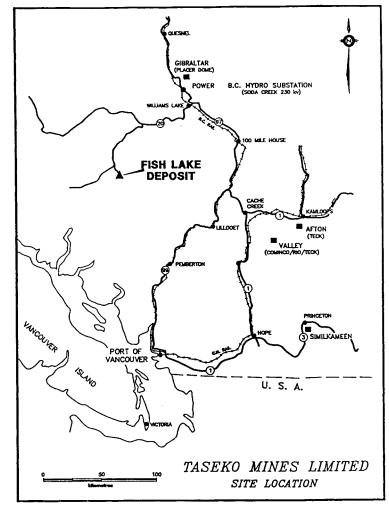
The analysis contained in this report is conceptual in nature. Projections are derived from a data base provided by Taseko's management. The method of evaluating the share price is primarily through use of a discounted cash flow ("DCF") approach.

Our methodology projects cash inflows - revenues and deducts cash outflows such as capital costs and operating costs. The difference is discounted to the current date of analysis. In addition, in deriving our conclusions, the DCF approach is supported by a comparative analysis with a similar gold-copper project in British Columbia, namely Mt. Milligan. The Mt. Milligan Project was the focus of a recent takeover by Placer Dome Inc. which resulted in a \$258 million purchase of the asset through the public vehicle Continental Gold Corp.

### BRIEF BACKGROUND TO THE FISH LAKE PROJECT

Figure 1

- o Taseko's Property is known as the Fish Lake Project, a porphyry gold-copper deposit located approximately 125 road km southwest of Williams Lake, B.C. and 160 km by air from Vancouver, B.C. Access to the property can be achieved by existing secondary roads. Fig. 1.
- Phelps Dodge as owner/operator initiated trenching, geophysical and geochemical surveys followed by diamond drilling in the early 1960's.
- o Taseko Mines Limited became the owner of the property in 1966.
- o Diamond drilling continued on the property through the 1960's.
- o Taseko in conjunction with other optionor/operators continued to drill and explore the project throughout the 1970's.
- In 1979, Bethlehem Copper became optionor/operator and continued geochemical and drilling programs.



- o In 1980, Cominco Ltd. acquired Bethlehem Copper and the Fish Lake Option Agreement.
- o In early 1981 the first mineral reserve estimate was made. Cominco Ltd. completed limited metallurgical studies which focused on achieving high copper recoveries, possibly at the expense of gold recovery, to a saleable copper concentrate.
- o Cominco conducted economic studies in 1984.
- o Taseko and Cominco Ltd. litigated the Fish Lake option agreement between 1985 and 1990 with Cominco gaining extensions in the B.C. trial court and Court of Appeal.
- o Cominco continued to evaluate the property through 1990.
- o Former Directors of Continental Gold Corp. gained control of Taseko in January 1991.
- Control of Fish Lake was returned to Taseko in May 1991 under new Taseko management.
- o Between the mid 1960's and 1990, approximately 160 diamond and percussion drill holes have been completed on the property, totalling some 26,000 meters. Some holes have been drilled to a depth of more than 450 meters and are still in ore.
- Assay results from diamond drill core provide the data base for the current reserve evaluation.

### **RESERVES**

#### **TONNAGE**

1

Table I below tabulates bench by bench, Taseko's estimation of Mineable Drill Indicated Reserves using the polygonal method. Reserves are calculated at various copper equivalent cut-off grades<sup>1</sup>. Reserve tonnages are determined by summing all material above a prescribed cut-off grade.

					Table 1							
FISH LAKE GOLD - COPPER PROJECT												
D 1	R I L	L i h	٥ ل	ı c	<b>A</b> T	E D	) R	E S	E	R	٧	Ε
	0 P E	N P	ı	T	S T A	G	E S	1 + 1	1 -	+ !	1 1	
	BENCH	POLYGON	Cu	Au	POLYGON	Cu	Au	POLYGON	Cu	Au		
		POLYGON	Cu	Au	POLYGON	Cu	Au	POLYGON	Cu	Au		-
	BENCH											
_		TONS	×	OPT	TONS	×	OPT	TONS	×	OPT		
-	1515 - 1560 1470 - 1515 1425 - 1470	1549548 21306709	0.20 0.19	0.011 0.012	1549548 20385153	0.20 0.19	0.011 0.012	1549548 16870326	0.20 0.20	0.011 0.013		<b></b>
-	1470 - 1515 1425 - 1470 1380 - 1425	1549548 21306709 53678456	0.20 0.19 0.18	0.011 0.012 0.010	1549548 20385153 34509935	0.20 0.19 0.22	0.011 0.012 0.012	1549548 16870326 27524298	0.20 0.20 0.23	0.011 0.013 0.013		<b>-</b>
_	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335	1549548 21306709 53678456 61072623 57419821	0.20 0.19 0.18 0.19 0.19	0.011 0.012 0.010 0.011 0.011	1549548 20385153 34509935 47907259 45839051	0.20 0.19 0.22 0.23 0.21	0.011 0.012 0.012 0.013 0.013	1549548 16870326 27524298 33361330 36378016	0.20 0.20 0.23 0.25 0.23	0.011 0.013 0.013 0.015 0.014		- <b>-</b> -
_	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335 1245 - 1290	1549548 21306709 53678456 61072623 57419821 48001985	0.20 0.19 0.18 0.19 0.19 0.21	0.011 0.012 0.010 0.011 0.011 0.012	1549548 20385153 34509935 47907258 45839051 38064824	0.20 0.19 0.22 0.23 0.21 0.23	0.011 0.012 0.012 0.013 0.013	1549548 16870326 27524298 33361330 36378016 29950699	0.20 0.20 0.23 0.25 0.23 0.26	0.011 0.013 0.013 0.015 0.014 0.014		<b>-</b>
_	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335	1549548 21306709 53678456 61072623 57419821	0.20 0.19 0.18 0.19 0.19	0.011 0.012 0.010 0.011 0.011	1549548 20385153 34509935 47907259 45839051	0.20 0.19 0.22 0.23 0.21	0.011 0.012 0.012 0.013 0.013	1549548 16870326 27524298 33361330 36378016	0.20 0.20 0.23 0.25 0.23	0.011 0.013 0.013 0.015 0.014		- <b>-</b>
_	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335 1245 - 1290 1200 - 1245 1155 - 1200 1110 - 1155	1549548 21306709 53678456 81072623 57419821 48001985 44076539 32543130 18473871	0.20 0.19 0.18 0.19 0.19 0.21 0.21 0.23 0.24	0.011 0.012 0.010 0.011 0.011 0.012 0.012 0.012 0.013	1549548 20385153 34509935 47907259 45839051 38084624 41888608 29987836 18473871	0.20 0.19 0.22 0.23 0.21 0.23 0.22 0.24 0.24	0.011 0.012 0.012 0.013 0.013 0.013 0.012 0.012	1549548 16870326 27524298 33361330 36378016 29950699 31174093 27625598 13909813	0.20 0.20 0.23 0.25 0.23 0.26 0.24 0.25 0.27	0.011 0.013 0.013 0.015 0.014 0.014 0.014 0.013		<b>-</b>
_	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335 1245 - 1290 1200 - 1245 1155 - 1200 1110 - 1155 1065 - 1110	1549548 21306709 53678456 61072623 57419821 46001985 44076539 32543130 18473871 2441683	0.20 0.19 0.18 0.19 0.19 0.21 0.21 0.23 0.24 0.30	0.011 0.012 0.010 0.011 0.011 0.012 0.012 0.012 0.013 0.013	1549548 20385153 34509935 47907259 45839051 38084824 41888608 29987838 18473871 2441883	0.20 0.19 0.22 0.23 0.21 0.23 0.22 0.24 0.24	0.011 0.012 0.012 0.013 0.013 0.013 0.012 0.012 0.012	1549548 16870326 27524298 33361330 36378016 29950699 31174093 27625598 13909813 2441683	0.20 0.20 0.23 0.25 0.23 0.26 0.24 0.25 0.27	0.011 0.013 0.013 0.015 0.014 0.014 0.013 0.014		
-	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335 1245 - 1290 1200 - 1245 1155 - 1200 1110 - 1155	1549548 21306709 53678456 81072623 57419821 48001985 44076539 32543130 18473871	0.20 0.19 0.18 0.19 0.19 0.21 0.21 0.23 0.24	0.011 0.012 0.010 0.011 0.011 0.012 0.012 0.012 0.013	1549548 20385153 34509935 47907259 45839051 38084624 41888608 29987836 18473871	0.20 0.19 0.22 0.23 0.21 0.23 0.22 0.24 0.24	0.011 0.012 0.012 0.013 0.013 0.013 0.012 0.012	1549548 16870326 27524298 33361330 36378016 29950699 31174093 27625598 13909813	0.20 0.20 0.23 0.25 0.23 0.26 0.24 0.25 0.27	0.011 0.013 0.013 0.015 0.014 0.014 0.014 0.013		
	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335 1245 - 1290 1200 - 1245 1155 - 1200 1110 - 1155 1065 - 1110 1020 - 1065 975 - 1020	1549548 21306709 53678456 61072823 57419821 46001985 44076539 32543130 18473871 2441683 2441683	0.20 0.19 0.18 0.19 0.19 0.21 0.21 0.23 0.24 0.30 0.25	0.011 0.012 0.010 0.011 0.011 0.012 0.012 0.012 0.013 0.013	1549548 20385153 34509635 47907259 45839051 38064624 41868608 29987636 18473871 2441683	0.20 0.19 0.22 0.23 0.21 0.23 0.22 0.24 0.24 0.30 0.25	0.011 0.012 0.012 0.013 0.013 0.013 0.012 0.012 0.012 0.013 0.013	1549548 16870326 27524298 33361330 36378016 29950699 31174093 27625598 13909813 2441683	0.20 0.20 0.23 0.25 0.23 0.26 0.24 0.25 0.27 0.30 0.25	0.011 0.013 0.013 0.015 0.014 0.014 0.013 0.014 0.013		 ·
	1470 - 1515 1425 - 1470 1380 - 1425 1335 - 1380 1290 - 1335 1245 - 1290 1200 - 1245 1155 - 1200 1110 - 1155 1065 - 1110 1020 - 1085 975 - 1020 930 - 975	1549548 21306709 53678458 61072823 57419821 48001985 44076539 32543130 18473871 2441683 2441683	0.20 0.19 0.18 0.19 0.21 0.21 0.23 0.24 0.30 0.25 0.31	0.011 0.012 0.010 0.011 0.011 0.012 0.012 0.012 0.013 0.013 0.013	1549548 20385153 34509935 47807259 45839051 38084824 41686008 2987636 18473671 2441683 2441683	0.20 0.19 0.22 0.23 0.21 0.22 0.24 0.24 0.30 0.25 0.31	0.011 0.012 0.012 0.013 0.013 0.013 0.012 0.012 0.013 0.013 0.013 0.013	1549548 16870326 27524298 33361330 36378016 29950699 31174093 27625598 13908813 2441683 2441683	0.20 0.20 0.23 0.25 0.26 0.24 0.25 0.27 0.30 0.25 0.31	0.011 0.013 0.013 0.015 0.014 0.014 0.013 0.014 0.013 0.013		

Cut-off grade: The lowest grade of mineralized material considered economic.

Using current metal prices our study suggests that 0.40% is the appropriate cut-off grade representing 342 million tons of Mineable Drill Indicated and Possible Reserves grading 0.24% copper and 0.013oz gold per ton at zero dilution.<sup>2</sup>

Table 2 below compares Mineable and Diluted Reserves of both the Fish Lake and Mt. Milligan (published prior to takeover bid) deposits at similar copper equivalent cut-off grades. i.e. 0.20%; 0.30%; and 0.40%.

Table 2
FISH LAKE - MT. MILLIGAN COMPARISON

MINE	ABLE A	N I	D D	I	L	U	T	E	D	0	R	E	R	E	S	E	R	V	E	s
PROJECT	CUTOFF GRADE EQUIVALENT Cu %		TONS			Cu %		Au opt	Cu	EQUIV	•		CONTA		)	•	WAS		•	
	0.2		527,530,0	00	0.	.20	c	0.011		0.50			5,694,00	0		(	).7	/ 1		
FISH LAKE	0.3		450,172,0	00	0.	21	C	0.012		0.54			5,253,00	0			1.0	/ 1		
	0.4		362,527,0	00	0.	.23	C	.013		0.60		•	4,653,00	0			1.5	/ 1		
	0.2		550,329,0	00	0.	.18	C	. 011		0.50			8,040,00	0		(	0.6 ,	/ 1		
MT. MILLIGAN	0.3		450,225,0	00	0.	19	O	.013		0.55			5,840,00	0		(	0.9	/ 1		
	0.4		330,508,0	00	0.	22	0	.016		0.67		;	5,280,00	0			1.6 ,	/ 1		

#### COMMENTS

In general it is evident from Table 1 that copper grade improves with depth as the lower benches of the open pit focus on the higher grade center of the deposit. Gold grades remain relatively constant. "Variogram" studies by an independent consultant indicate that ore grades are remarkably consistent throughout the orebody. Histograms of copper and gold assays along each drill hole substantiate the ore grade consistency.

Table 2 demonstrates a remarkable duplication of Fish Lake/Mt. Milligan tonnages and grades at the 0.20% and 0.30% copper equivalent cut-off grades. The 0.40% cut-off grade at Mt. Milligan indicates a higher gold and slightly lower copper content relative to Fish Lake. On average, throughout the mine life, waste/ore ratio's are similar. However, Fish Lake has an advantageous 0.2:1 strip ratio during the four year, first stage of a three stage pit design.

Not evident from Table 1 is the fact that the Fish Lake deposit is cylindrical in shape with a mean diameter of approximately 900 meters. The deposit is open at depth and to the north and west. The cylindrical shape of this deposit, relative to the tabular shape of the Mt. Milligan deposit, has allowed fewer drill holes (approx. 100) to define the nature of the Fish Lake reserve. Approximately 66% of the total Fish Lake reserve is in the Drill Indicated category - within 75 horizontal meters of a drill hole intercept. (Mt. Milligan had a similar percentage of Drill Indicated Reserves at the time of the takeover offer by Placer Dome Inc.) The

Management believes that 6% dilution is appropriate, grading 0.13% copper and 0.007 oz gold per ton. Thus at 6% dilution the above reserves at 0.40% copper equivalency amount to 362 million tons grading 0.23% copper and 0.013 oz gold per ton.

remainder are defined as Possible Reserves. As a result, Fish Lake will require additional drilling in order to upgrade Possible Reserves to the Drill Indicated category. This requirement in conjunction with pilot plant testing of the ore are important points of consideration in defining a potential bid price per ounce of contained gold.

At the 0.40% cut-off grade, Fish Lake contains mineable reserves of some 4.6 million ounces of gold and 1.7 billion lbs. of copper. Mt. Milligan at the time of the Placer Dome takeover contained some 5.3 million ounces of gold and 1.5 billion lbs. of copper.

Work Index measures the hardness of an ore. The Work Index at Fish Lake is 14; Mt. Milligan has a Work Index of 22. Harder ore requires increased capital and operating expenditures to compensate for machinery wear and tear. Thus at the same operating rate, capital cost and direct operating costs are expected to be somewhat lower at Fish Lake.

### **ENVIRONMENTAL OVERVIEW**

An independent consultant has reviewed the main environmental and socioeconomic issues that would be considered during the government project approval process. No environmental or permitting problems are anticipated at Fish Lake.

#### 1. Land Tenure:

There are no known parks, wilderness or conservation areas, agricultural or ecological reserves, recreational areas or other Crown Reserves that would affect the Fish Lake Project area.

#### Access and Power Line Rights-Of-Way:

The environmental impact of upgrading the 15 km of existing access road is considered a minor issue. Permitting is thought to be straight forward. The powerline right-of-way connects with the B.C. Hydro Soda Creek 230 KV substation 10 km north of Williams Lake. This is considered an easy permit.

#### Waste Characteristics:

There are no indications of metals such as mercury, antimony or cadmium in quantities that would indicate a potential environmental concern. Sufficient quantities of minerals of carbonate origin with the deposit suggests that waste rock and tailings will be acid consuming (non acid generating). The milling process will be conventional copper flotation to produce a copper concentrate containing gold.

#### 4. Waste Disposal Sites:

Three sites have been examined and are accessible. All sites are viable and environmentally acceptable from a permitting point of view. There may be different degrees of compensation required in choosing between these sites.

Adequate areas for over burden and waste rock disposal exist immediately north of Fish Lake within the Fish Lake property boundaries.

# Section 2. ECONOMIC EVALUATION

Our economic evaluation of the Fish Lake deposit is deemed to be the "Project Value". The value is conceptual in that to date no feasibility study has been completed for this project. Taseko and Cominco

Ltd. will apportion the "Project Value" according to a pre-determined formula (The Taseko/Cominco Agreement). Taseko's portion of the "Project Value" determines Taseko's share price target. As discussed in the Background to Analysis, this evaluation utilizes the concept of discounted cash flow (DCF) in order to derive "Project Value".

## **PRODUCTION VARIABLES**

In this somewhat uncertain metal pricing environment it is our opinion that a 0.40% copper equivalent cut-off grade should be used in determining the Fish Lake "Project Value". Table 2 indicates that at such a cut-off grade, mineable Drill Indicated and Possible Reserves amount to 362 million tons grading 0.23% copper and 0.013 oz gold per ton.

Direct operating costs are optimized at between 60,000 and 70,000 tons of mill throughput per day or on average 22 million tons of ore per year. This provides for a mine life of about 16 years. We have assumed that operations would commence in 1995.

### PRODUCTION OUTPUT

The rate of commodity production will vary at different stages throughout the mine life. However, on average, the operations would produce in the order of 230,000 tons of copper concentrate per year containing 94 million lbs of copper and 215,000 oz. of gold.

#### **CAPITAL AND OPERATING COSTS**

Utilizing published estimates for more advanced work completed at Mt. Milligan, prior to the Placer Dome takeover, it is believed that Fish Lake could be brought into production at a capital cost including contingency and working capital of about \$400 million.

The direct cash operating cost is estimated to range between \$3.50 - \$4.00 per ton of ore. These costs are based as follows: \$2.15 per ton milled, \$0.60 per ton broken, and \$0.40 per ton general and administrative. Unit costs are in line with other B.C. mines. We have used a mine life average direct operating cost of \$3.85 per ton of ore.

### **VALUE OF PRODUCTION**

Our model utilizes metal prices (U.S.) which range between \$0.80/lb - \$1.20/lb for copper and between \$350.00/oz - \$425.00/oz for gold.

As an example: At a copper price of say (U.S.)\$1.10/lb and gold price of (U.S.)\$370/oz, revenues are split 46:54 between copper and gold. The Net Smelter Return (NSR) amounts to about \$7.20 per ton of ore and yields a gross operating margin of about \$3.35 per ton of ore.

Table 3

### NSR EQUIVALENCY FACTORS

- Each +/- (US) \$0.05/lb copper price change, affects the average NSR by about \$0.23/ton
  - +/- (US) \$20.00 oz gold price change, affects the average NSR by about \$0.23/ton
  - +/- 7% copper recovery change, affects the average NSR by about \$0.23/ton
  - +/- 4% gold recovery change, affects the average NSR by about \$0.23/ton
  - +/- \$0.03 CDN vis-a-vis \$US change, affects the average NSR by about \$0.23/ton
  - +/- 3% copper concentrate grade change, affects the average NSR by about \$0.23/ton

### **CASH FLOWS**

Using a combination of metal prices we have calculated a **pre-tax** discounted cash flow/return on investment (DCF/ROI). This is a constant dollar calculation discounted at 10% p.a.

The above example (NSR \$7.20/ton of ore) amounts to \$105 million and represents the pre-tax "Project Value".

Combinations of metal prices provide an array of DCF values. Table 4 below tabulates DCF values at different metal prices.

Table 4 Cut-off:0.4 6% dilution		TASEKO MINES LTD  DCF/ROI vs COPPER & GOLD PRICES								
Cua0.24% Aua0.013oz/	t 0.80	0.90	Opper P	rice (l 1.00	JS \$/lb;	1.10	1.15	1.20		
Gold (US\$/oz)				CF/ROI \$ milli	a 10% ions) *					
450 425 415 400 375 360 350 *Approxima	38 6 (6) (25) (58) (78) (91)	94 62 50 31 (1) (22) (32)	122 90 78 59 27 6 (4)	150 118 106 87 55 34 24	178 146 134 115 83 62 52	206 175 162 143 111 90 80	234 203 190 171 139 118 108	262 231 218 199 167 146 136		

DCF values are sensitive to changes in metal prices.

Each +/- (US) \$0.05/lb copper price changes the average pre-tax DCF by about \$28.0 million

Each +/- (US) \$10/oz gold price changes the average pre-tax DCF by about \$13.0 million

Under our production assumptions and at current metal prices, the pre-tax "Project Value" lies within \$100-\$130 million when discounted at 10%.

Fish Lake is evaluated under the assumption of a takeover bid at an acceptable "Project Valuation Price". If there should be a sudden decline in metal prices, the DCF value might decline below \$60 million at the 0.40% cut-off grade. However, we believe that Taseko's management would opt to retain the property until such time as metal prices recovered. In any event, Taseko plans a \$4 million drilling and metallurgical test work program that is scheduled to start in August 1991.

### PROJECTED BID PRICE PER OUNCE OF CONTAINED GOLD

Our share price evaluation is based on a pre-tax DCF. As a reference base, the model uses Placer Dome's bid price per ounce of contained gold at Mt. Milligan. In 1990, Placer Dome Inc. offered \$258 million for a 100% interest in the Mt. Milligan gold-copper project. At a 0.40% copper equivalent cut-off grade this amounted to \$48.86 per contained ounce. One cannot say with certainty that Fish Lake would be offered a similar price. Much depends on the suitors outlook for metal prices and perceived global requirements for such assets. Minimum hurdle rates, tax implications and finding costs also play important roles in the final bid price decision.

At a 0.40% copper equivalent cut-off grade, reserves of 362 million tons contains 4.6 million ounces of gold. For example, at a bid price of \$20 per ounce the value of gold content is \$92 million and at \$30 per ounce, amounts to \$138 million.

At current metal prices, we believe that the Fish Lake Project's pre-tax DCF value lies between \$100 - \$130 million, representing a bid price of \$22-\$28 per ounce.

Fish Lake parallels Mt. Milligan in several characteristics. However, in our opinion, there are some elements of greater risk at Fish Lake.

- 1. The Mt. Milligan project financial risk is less than Fish Lake at the 0.40% copper equivalent cut-off grade because of a higher grade gold content. (0.016 oz/ton vs 0.013 oz/ton respectively).
- 2. Fish Lake will require additional metallurgical and pilot plant testing in order to substantiate metallurgical equality with Mt. Milligan. We would rank Fish Lake at about a 75% rate of certainty in this aspect relative to Mt. Milligan.

The above DCF range of \$100 - \$130 million is not risk adjusted to these points. Thus a bid price less than \$28 per ounce may be appropriate.

Management must weigh the cost of additional work programs (drilling and metallurgy) and therefore share dilution versus the marginal benefits of providing less project risk to the potential bidder. The potential bidder must weigh the benefit of waiting for additional information in order to reduce project risk. The share price is likely to rise quickly upon reduction of project risk thereby raising the cost to the bidder.

In conclusion, using current metal prices, we feel comfortable with a risk adjusted pre-tax DCF of between \$100 million and \$130 million attributable to the Fish Lake "Project Value". This represents a bid price ranging between \$22 per ounce and \$28 per ounce.

### **SECTION 3**

### SHARE PRICE EVALUATION

# THE TASEKO/COMINCO AGREEMENT

The Taseko/Cominco agreement addresses the terms of division of the "Project Value" should a successful takeover bid occur.

- If the Project Value is \$60 million or less Cominco will receive \$20 million.
- If the Project Value is between \$60 million and \$70 million, Cominco will receive \$20 million plus 80% of the amount by which the Project Value exceeds \$60 million.
- If the Project Value is between \$70 million and \$120 million, Cominco will receive 40% of the Project Value.
- If the Project Value exceeds \$120 million, Cominco will receive and be capped at \$48 million.

#### In Addition:

- The agreement includes Taseko issuing up to 1,000,000 of its common shares to Cominco over a 14 month period.
- o Taseko or its nominee has a right of first refusal to purchase any shares issued to and sold by Cominco.
- o If neither a successful take-over of Taseko or sale of the property occurs before May 31, 1994, the Property will revert to Cominco with Taseko retaining a 20% net profits interest.

In our opinion, if no takeover bid occurred within three months, Taseko would continue to develop the Fish Lake Project. The exercise of current warrants and options outstanding (all in the money) would provide Taseko with a working capital position of \$2,550,000 in cash. Further development of the Project would necessitate additional financing and an estimated 5% - 10% dilution to the current shareholders. As discussed earlier we believe that additional development of the Fish Lake project would reduce project risk. (ie. infill drilling raises reserve confidence levels and pilot plant testing reduces metallurgical risk.) Under this program, total shares outstanding may attain 10.0 million. However, share dilution would be offset with a higher project valuation. (i.e. The 10% discount rate applied to future cash flows in this model would be reduced, resulting in a higher discounted cash flow and thus higher "Project Value" and share price.)

Fully diluted shares outstanding are as follows:

Table 5

y 24, 1991	6,754,718
	1,175,000
tions	<u>552.666</u>
	8,482,384
• • • • • • • • • • • • • • • • • • • •	300,000
(Within 6 months)	8,782,384
	400,000
Fully diluted	9,182,384
	ny 24, 1991 Increases Second traunche to Cominco (within 6 months) Secunded to Cominco within 14 If property is not sold or ver  Fully diluted

Under the terms of the agreement, Taseko's share price value is as follows:

Table 6

"Project Value"	Taseko Portion	Value per TKO share *					
\$100 million	\$60 million	\$6.50	\$6.80**				
\$120 million	\$72 million	\$7.85	\$8.15				
\$125 million	\$77 million	\$8.40	\$8.70				
\$130 million	\$82 million	\$8.95	\$9.25				

NOTE: The above share values would be increased by approximately 5% if Cominco did not receive its third traunche of 400,000 shares within 14 months.

In conclusion, based on our assumptions regarding metal prices, our valuation ranges between \$6.50 and \$9.00 per Taseko share.