

1991 GEOLOGICAL REPORT

on the

TASEKO PROPERTY

(Taseko 1-4 claims)

Clinton Mining Division  
British Columbia

North Latitude 51°14' West Longitude 123°29'

NTS 920/3W

Prepared for

CASCADE INVESTMENTS J.V.

P.O. Box 11604  
1410-650 West Georgia Street  
Vancouver, B.C.  
V6B 4N9

Prepared by

D.E. Blann, P.Eng.

COAST MOUNTAIN GEOLOGICAL LTD.

P.O. Box 11604  
1410-650 West Georgia Street  
Vancouver, B.C.  
V6B 4N9

January, 1992

22160

## SUMMARY

The Taseko property is located on Taseko Mountain, approximately 9 kilometres east of Taseko Lakes, in west-central British Columbia. During September of 1991, Coast Mountain Geological Ltd. performed 15 man-days of geological mapping, sampling and prospecting on the property.

The property is underlain by andesite to basaltic tuffs, flows, volcanoclastic breccias, minor rhyolite and sediments; these volcanic and sedimentary rocks are cut by various dykes and irregular stocks of porphyritic hornblende diorite to granodiorite composition. Two predominant sets of shearing are evident through the property; northwesterly and northeasterly trending shears intersect in the area of Easy Peak. Propylitic, argillic and phyllic alteration assemblages occur, although overprinting has made differentiation difficult.

Two types of mineralization are apparent on the Taseko property. Northwestery trending shear zones containing sphalerite, pyrrhotite, pyrite, and arsenopyrite occur on the east side of Easy Peak within a dyke swarm. Assays of up to 0.541 oz/ton gold and 1.7 % zinc have been returned from these shears. This mineralization is likely the source for the sulphide boulders found in the area of the pond and to the pass north of Easy Peak by previous work programs. The second type of mineralization appears related to shears that trend northeast, crosscutting the northwestern shear system, in the pass south of Easy Peak. In this location limonite, magnetite and hematite within easterly trending shears has returned gold values of up to 0.188 oz/ton and 274 ppb gold across 5.0 metres.

Further work is necessary to evaluate the high grade, and large tonnage low grade gold potential of the shear zones on the property.

## GEOLOGICAL BRANCH ASSESSMENT REPORT

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TABLE OF CONTENTS

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	<u>Page</u>
<b>1.0 INTRODUCTION</b>	
1.1 Location and Access	2
1.2 Physiography & Climate	2
1.3 Property Description	5
1.4 Property History	5
1.5 1991 Work Program	6
<b>2.0 GEOLOGY &amp; GEOCHEMISTRY</b>	
2.1 Regional Geology	9
2.2 Property Geology	10
2.3 Alteration and Mineralization	11
2.4 Geochemistry	12
<b>3.0 DISCUSSION</b>	13
<b>4.0 CONCLUSIONS</b>	14
<b>5.0 RECOMMENDATIONS</b>	15
<b>6.0 STATEMENT OF EXPENDITURES</b>	16
<b>7.0 REFERENCES</b>	17
<b>8.0 STATEMENT OF QUALIFICATIONS</b>	18

APPENDICES

Appendix A	Rock Sample Description Sheets
Appendix B	Analytical Procedures and Assays

LIST OF ILLUSTRATIONS

Figure 1	Property Location Map	3
Figure 2	Claim Map	4
Figure 3	Regional Mineral Occurences	7
Figure 4	Regional Geology Map	8
Figure 5	Property Geology Map	pocket
Figure 6	Sample Locations and Assays	pocket

LIST OF TABLES

Table 1	Claim Information	5
Table 2	C.M.G. Personnel	7
Table 3	Rock Sample Summary	14

## 1.0 INTRODUCTION

### 1.1 Property Location and Access

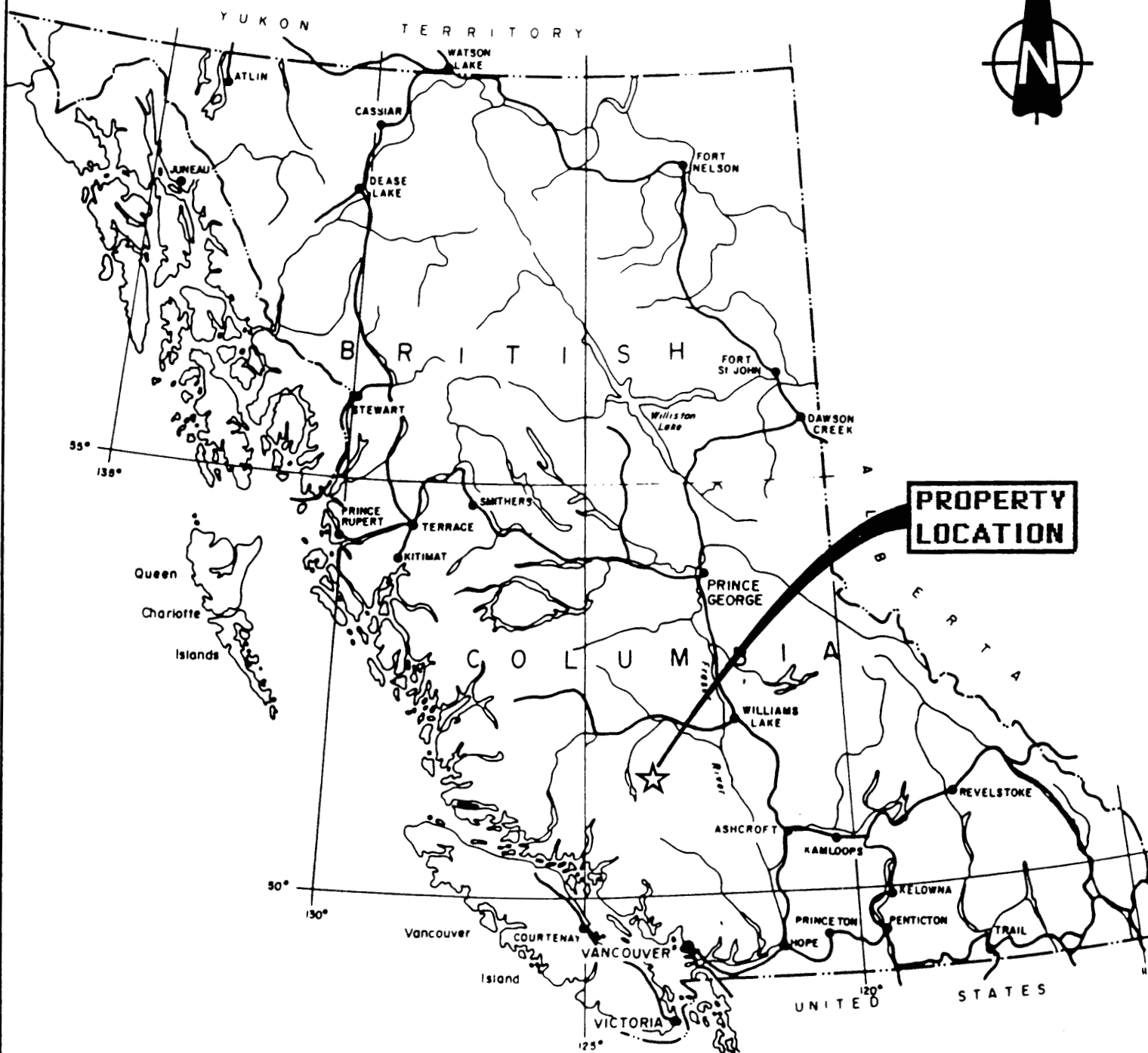
The Taseko property is situated around Taseko Mountain in the heart of the Chilcotin Range of British Columbia. It is located approximately 9 kilometres east of Taseko Lakes, 215 kilometres north of Vancouver (Figure 1). The property is centred at approximately  $51^{\circ}14'$  north latitude and  $123^{\circ}29'$  west longitude.

Access to the area was provided by helicopter from Goldbridge. Road access is available to within 3 kilometres of the property via Williams Lake. In the future, a helicopter could be utilized to ferry equipment and supplies from the road to the property.

### 1.2 Physiography & Climate

The property is composed of fairly rugged, slightly glaciated terrain, with elevations ranging from 2040 metres at the northeast corner of the property, to over 3060 metres at the peak of Taseko Mountain.

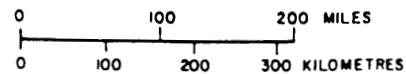
The entire property is above treeline; alpine grasses and small shrubs occur at lower elevations, and small clusters of stunted alpine spruce occur at the northeast corner. Winters in the area are moderate with small accumulations of snowfall. The property can be worked from June to early November.

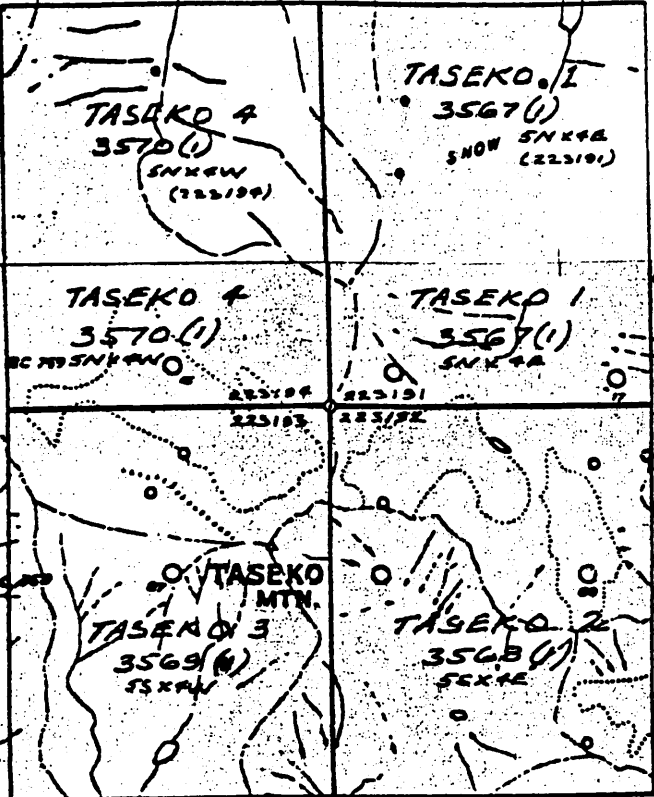
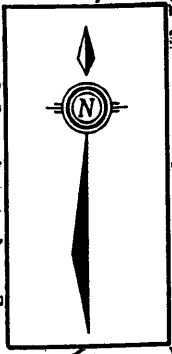


**PROPERTY  
LOCATION**

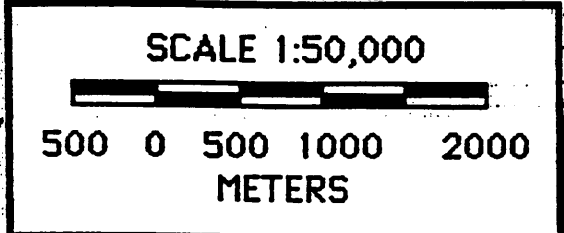


<b>CASCADE INVESTMENTS J.V.</b>			
<b>TASEKO PROPERTY PROPERTY LOCATION MAP</b>			
CLINTON MINING DIVISION			
<b>COAST MOUNTAIN GEOLOGICAL LTD.</b>			
DRAWN BY: B.K.	NTS 920/3W	DATE DECEMBER, 1991	FIGURE: 1





**PROPERTY LOCATION**



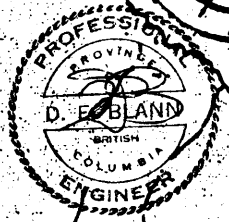
**CASCADE INVESTMENTS J.V.**

**TASEKO PROPERTY CLAIM MAP**

CLINTON MINING DIVISION

**COAST MOUNTAIN GEOLOGICAL LTD.**

DRAWN BY: B.K.	NTS: 920/3W	DATE: DECEMBER, 1991	FIGURE: 2
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### 1.3 Property Description

The Taseko property is located within the Clinton Mining Division of B.C. and is comprised of four 20 unit M.G.S. claims, covering an area of 2000 hectares (Figure 2).

Chris Basil of Vancouver B.C., is the registered owner of the claims which are held in trust for Cascade Investments J.V. The pertinent claim data is summarized in Table 1.

**TABLE 1: CLAIM STATUS**

<u>Claim Name</u>	<u>Record number</u>	<u>Size (units)</u>	<u>Expiry Date*</u>
Taseko 1	209328	20	19 Jan 1993
Taseko 2	209329	20	19 Jan 1994
Taseko 3	209330	20	19 Jan 1993
Taseko 4	209331	<u>20</u>	19 Jan 1993

Total:80 units

\* Pending acceptance of this report

### 1.4 Property History

The Taseko Lakes area has undergone exploration since the early 1900's, when the Morris Mine was discovered. Gold bearing veins were discovered in the area at the Vick showings in 1932 and at the Pellaire occurrence in 1936.

Taseko Mines Ltd.'s Fish Lake deposit, situated approximately 20 kilometres north of the property, was first worked on by Phelps Dodge in the 1960's. This Cu-Mo-Au porphyry contains 180,000,000 tons grading 0.25% copper and 0.51 g/t gold. Other significant deposits in the area include the Poison Mountain prospect, located

approximately 75 kilometres east of Taseko Lakes, contains 175,000,000 tons grading 0.33% copper, 0.015% molybdenum and 0.3 g/t gold. The Pellaire and Taylor-Windfall precious metal vein deposits are also located in the area (Figure 3).

The Taseko property was explored in 1982 (Pollock, 1982). Utah Mines Ltd. conducted a brief program yielding anomalous values of gold, silver, copper, zinc and arsenic in both rock and soil samples, but did not return to the property.

Cascade Investments J.V. Ltd. staked the Taseko property in January of 1991, based on the property's mineral occurrences, and on mineral deposits in the vicinity (Fish Lake, Granite Creek, Taylor-Windfall etc.).

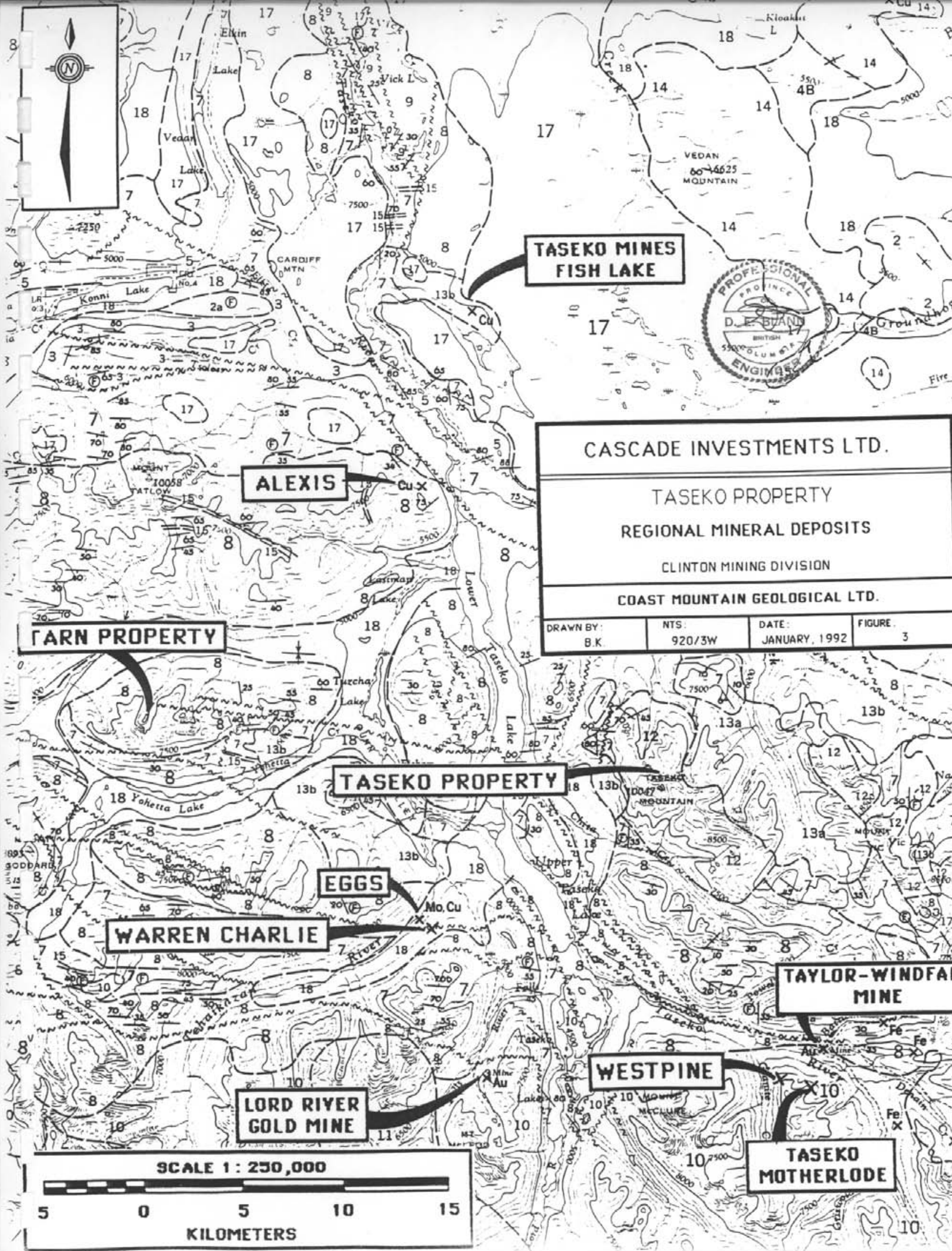
#### 1.5 1991 Work Program

A total of 15 man-days were spent on the property in late September, 1991, conducting a program of geologic mapping on a scale of 1:10,000, sampling and prospecting. The following Coast Mountain Geological Ltd. personnel were employed to conduct the 1991 program on the property:

**TABLE 2: C.M.G. PERSONNEL**

Dave Blann.....	Project Geologist
Willie Kushner.....	Geologist
Chris Basil.....	Prospector





**TASEKO MINES  
FISH LAKE**



**ALEXIS**

**CASCADE INVESTMENTS LTD.**

TASEKO PROPERTY  
REGIONAL MINERAL DEPOSITS  
CLINTON MINING DIVISION

**COAST MOUNTAIN GEOLOGICAL LTD.**

DRAWN BY: B.K.	NTS: 920/3W	DATE: JANUARY, 1992	FIGURE: 3
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**GARN PROPERTY**

**TASEKO PROPERTY**

**EGGS**

**WARREN CHARLIE**

**LORD RIVER  
GOLD MINE**

**WESTPINE**

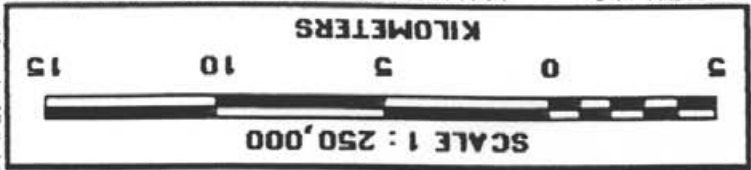
**TAYLOR-WINDFALL  
MINE**

**TASEKO  
MOTHERLODE**

**SCALE 1 : 250,000**

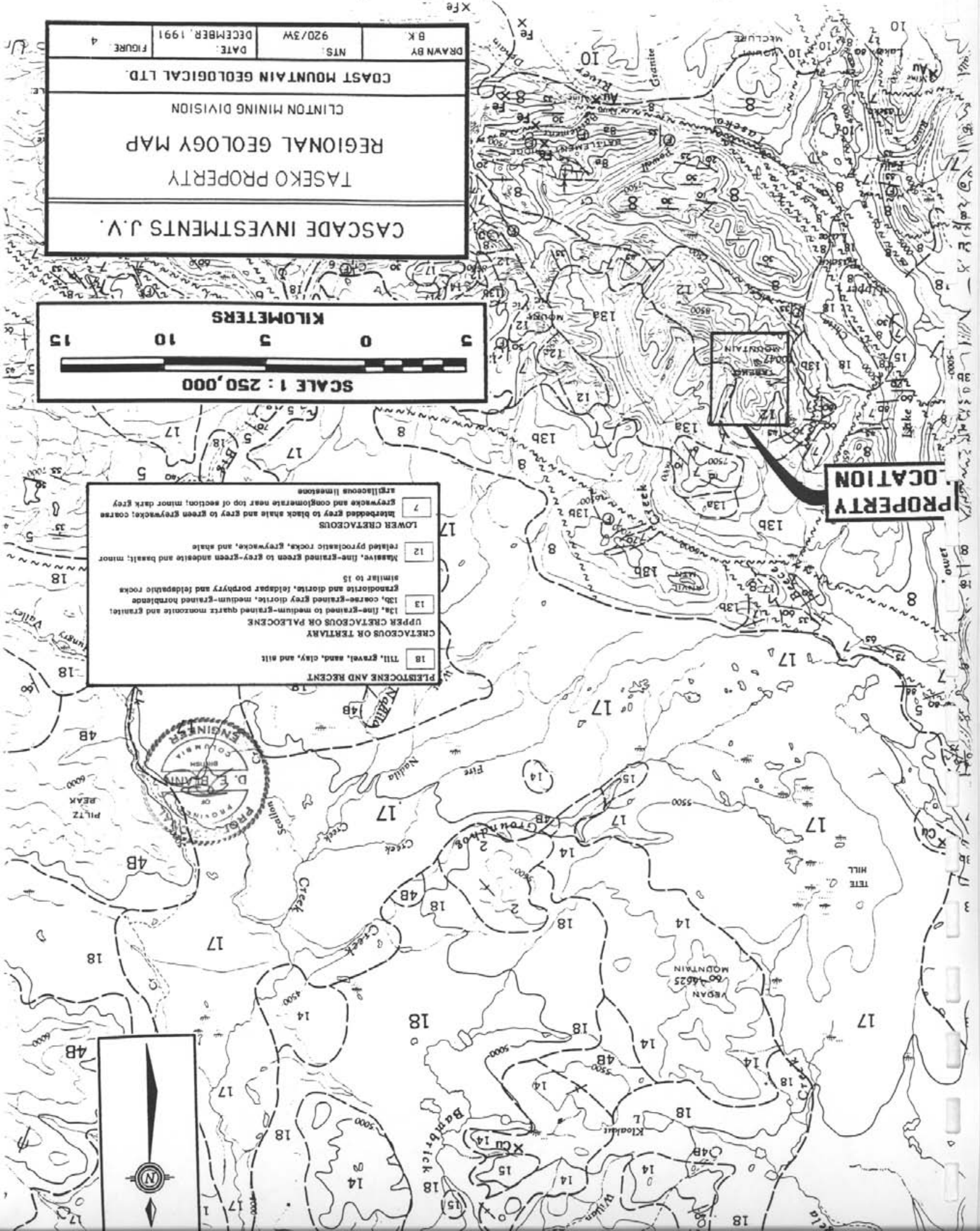


DRAWN BY BK	NTS: 920/3W	DATE: DECEMBER, 1991	FIGURE 4
COAST MOUNTAIN GEOLOGICAL LTD.			
CLINTON MINING DIVISION			
REGIONAL GEOLOGY MAP			
TASEKO PROPERTY			
CASCADE INVESTMENTS J.V.			



18	Till, gravel, sand, clay, and silt
CRETACEOUS OR TERTIARY	
13	13a, fine-grained to medium-grained quartz monzonite and granite; 13b, coarse-grained grey diorite, medium-grained hornblende granodiorite and diorite, feldspar porphyry and feldspathic rocks similar to 15
12	Basaltic, fine-grained green to grey-green andesite and basalt; minor related pyroclastic rocks, greywacke, and shale
7	Interbedded grey to black shale and grey to green greywacke; coarse greywacke and conglomerate near top of section; minor dark grey argillaceous limestone
LOWER CRETACEOUS	

PROPERTY LOCATION



## 2.0 GEOLOGY AND GEOCHEMISTRY

### 2.1 Regional Geology

The Chilko-Taseko Lakes area lies on the boundary between the Coast Plutonic Complex to the southwest and the Intermontane Belt.

The Intermontane Belt consists of three northwest-southeast trending fault-bounded blocks of Triassic to Cretaceous aged sedimentary and volcanic rocks. Andesitic flows and associated tuffs and breccias constitute the bulk of the volcanic rocks and these are intercalated with waterlain tuffs, siltstones, shales, minor sandstone and carbonate rocks. These are unconformably overlain by scattered outliers of Miocene and Pliocene plateau lavas.

Plutonic rocks emplaced during Cretaceous and Tertiary periods are granodiorite, quartz diorite and diorite. They form the main mass of the Coast Mountains to the southwest, however, related dykes, stocks and sills intrude the volcanic and sedimentary rocks throughout the Taseko and Chilco lakes area.

The Taseko property (Figure 4), is located on the southwestern flank of what was once the Tyaughton trough, an Early Cretaceous volcanic island arc environment transitional to a marine sedimentary basin environment (McLaren, 1990). Intrusive rocks of the Coast Plutonic Complex truncate the volcanic and sedimentary sequences, and have uplifted the volcanic arc, exposing it to

erosion.

McLaren (1990) suggests the volcanic rocks in the Taseko area are related to those at the Britannia Mine and Harrison Lake; they may have once been part of a continuous volcanic arc that has since been dismembered, uplifted and eroded.

Large fault zones cutting through the Taseko Lakes region may be related to the major faults which affect precious metal mineralization in the Bridge River Camp, 80 kilometres to the southeast. The Bridge River area contains several past-producing gold mines (Bralorne, Pioneer), and has produced more gold than any other district in British Columbia.

## 2.2 Property Geology

The Taseko property is underlain by upper Cretaceous aged andesite to basaltic flows, lithic and crystal tuffs and breccias, and andesitic tuffaceous sediments and minor rhyolite trending northwards with moderate easterly dips. These rocks are extensively intruded by various phases of hornblende-feldspar porphyritic diorite to granodiorite. Fine grained felsic to intermediate dykes and irregular plugs crosscut both the volcanic and intrusive rocks. Dykes vary from 0.5 to 25 metres in width and occur in a northwesterly trending swarm, capped by volcanic rocks, in the area of Easy Peak on the east side of Taseko mountain (Figure 5).

The dominant structures are shears trending 330° and 040°, with related splays. The northwest trending, subvertical dipping shear zone is approximately 1 kilometer in width and extends from the southeast corner of the property to the northwest corner. Parallel faults occur in the valley and ridge to the east of Easy Peak. The northeast trending shear is also strong and cuts the main shear zone from the south-central to the east central portion of the property. At the intersection of these two shear zones moderate to extensively altered volcanic and intrusive rocks occur.

### 2.3 Alteration and Mineralization

On the east side of Easy Peak, moderate to strong chlorite-epidote and argillic to quartz-sericite-pyrite alteration of the volcanic and intrusive rocks is evident. Dykes contain disseminated pyrrhotite, pyrite, arsenopyrite, and minor chalcopyrite mineralization. Shear zones in proximity to the dykes contain pyrite, pyrrhotite and locally chalcopyrite, sphalerite, galena, and arsenopyrite in irregular lenses and pods. The mineralized shears are from 3 centimetres to 1.5 metres in width and trend northwesterly. Assays from this area have returned up to 1.7% zinc and 0.545 oz/ton gold. Anomalous arsenic values were returned from several samples.

Argillic to quartz-sericite-pyrite alteration occurs from the pass north of Easy Peak to the southeast corner of the property. This area is marked by prominent gossanous zones within highly sheared

volcanic rocks above the dyke swarm. A strong shear zone trending about 100° contains abundant botryoidal hematite, magnetite and limonite. This shear zone returned 0.188 oz/ton gold, minor silver and only traces of base metals (Figure 6). Approximately 100 metres to the south, a 5 metre chip sample of fractured and locally sheared quartz-sericite-pyrite altered volcanic rocks containing 1-2% pyrite returned 274 PPB gold. An adjoining 3 metre chip sample returned 91 PPB gold.

Thin, isolated pendants of hornfelsed and weakly skarned volcanic and sedimentary rocks occur on the east side of the main northerly trending drainage basin (Figure 5). Weak epidote and chlorite alteration of the volcanic and intrusive rocks is also present in this location. Alteration of the volcanic and sedimentary rocks in the northwestern portion of the property is limited.

#### 2.4 Geochemistry

Fifteen rock chip samples, 13 grab samples and 24 float samples were collected from the property for a total of 52 rock samples (Figure 6). Four soil samples were also collected.

Of the rock samples collected from the property, eight may be considered anomalous, and are summarized in Table 3. Complete rock sample descriptions and assays are located in Appendices A and B, respectively.

TABLE 3: ROCK SAMPLE SUMMARY

<u>Sample</u>	<u>Rock Type</u>	<u>Mineralization</u>	<u>Cu(ppm)</u>	<u>Zn(ppm)</u>	<u>Au(ppb)</u>
F-D09	f.g. andesite	py,po,cp	3494	206	43
C-D12	m.g. volcanic	aspy,po,sp	387	<u>0.41</u>	<u>0.541</u>
C-D13	hbl-feldspar crystal tuff	hem, mag, lim	164	381	<u>0.188</u>
C-D14	(") 5.0 metre	py, lim, hem	61	169	274
C-K15	diorite	aspy,po,sp,py,cp	757	<u>1.70</u>	<u>0.028</u>
F-K10	diorite	cp,bn,sp,gl	1068	<u>2.51</u>	<u>0.004</u>
F-K13	gossan	sp,po	350	6063	122
F-B01	andesite	mag,po,mal,py	1756	<u>1.25</u>	<u>0.233</u>
C-B07	monzonite(QM)	hem,mag	2002	<u>0.54</u>	<u>0.008</u>

(Underlined values represent assay % Zn and oz/t gold, respectively)

### 3.0 DISCUSSION

The Taseko property is underlain by fine to coarse grained and porphyritic andesite, minor basalt and rhyolite, and sediments that have been intruded by various phases of hornblende diorite to granodiorite. The prevalence of dykes and irregular plugs, structures, and the alteration and mineralization around Easy Peak suggest that the area is the root zone of an eroded volcanic centre. This area appears bounded to the north by a fault trending northeast in the pass on the north side of Easy Peak. Structures and geology between Easy Peak and the northeastern side of the property suggest that the east side of this area has been down-dropped into the valley floor as a graben, leaving only remanent volcanic-sedimentary pendants on the granite-granodiorite intrusion.



Copper-zinc-silver-gold (+/-arsenic, cadmium) mineralization occurs within gossanous shear zones in contact with the dike swarm along the east side of Easy Peak and in the pass to the north. Anomalous float samples from around the pond and the pass to the northwest would appear to have originated from these shear zones.

Argillic to phyllic (quartz-sericite-pyrite) alteration of the volcanic rocks along the ridge and south of Easy Peak hosts gold-bearing hematite-limonite-magnetite shears. Several shears in this area have returned significant gold values (0.188 oz/ton, and 274 PPB over 5.0 metres). The variation of shear mineralization suggests there may be two distinct types on the Taseko property: gold-bearing base metal shears, and gold-bearing iron-rich shears. The iron-rich shears, may be related to a gold-bearing pyritic halo peripheral to the dyke swarm.

#### 4.0 CONCLUSIONS


The Taseko property contains geological elements similar to the root zone of an intermediate to mafic volcanic centre subjected to propylitic and locally extensive argillic and phyllic alteration. Shear hosted mineralization in proximity to the dike swarm on the east side of Easy Peak is predominantly sphalerite and locally arsenopyrite. Gold values of up to 0.541 oz/ton were returned from this zone. On the south pass of Easy Peak, shear related mineralization is comprised of magnetite-hematite-limonite and gold values of up to 0.188 oz/ton were returned from one of the shears.



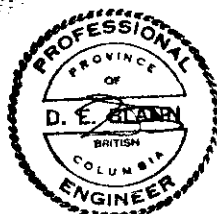
#### 4.0 RECOMMENDATIONS

Further work is required in the area of Easy Peak on the Taseko property. The 1991 work program has outlined a preliminary geological model and has returned several significant gold assays. The possibility of both small, high grade gold-bearing shears and large, low-grade gold deposits exists in the area of the Taseko property. A program of prospecting, mapping and sampling in the area around Easy Peak, and to the southeast, is required to determine the shear related gold potential of the property.

Respectfully Submitted,

  
David E. Blann, P.Eng.

Coast Mountain Geological Ltd.



## STATEMENT OF EXPENDITURES

<b>MOB/DEMOB</b>		925.00
<b>PERSONNEL</b>		
Project Geologist (D. Blann)		
5 days @ \$375/day	1875.00	
Geologist (W. Kushner)		
5 days @ \$275/day	1375.00	
Prospector (C. Basil)		
5 days @ \$275/day	1375.00	4625.00
<b>ASSAYS</b>		
52 rock chip samples @ \$13.55/sample	704.60	
4 soil samples @ \$11.50/sample	46.00	
Fire Assays	107.00	857.60
<b>HELICOPTER</b>		
2.3 hours @ \$721.50/hour		1659.45
<b>REPORT, DRAFTING and REPRODUCTIONS</b>		
		750.00
<b>MISCELLANEOUS</b>		
Supplies and Consumables	150.00	
Radio Rental		
15 mandays @ \$10/day	150.00	
Vehicle		
250 kms @ \$0.35/km	87.50	
1 day @ \$35/day	35.00	
Camp Charges		
15 mandays @ \$35/day	525.00	<u>947.50</u>
	<b>SUBTOTAL</b>	<b>9764.55</b>
<b>13.5% MANAGEMENT FEE</b>		1318.21
<b>7% G.S.T.</b>		<u>775.79</u>
	<b>TOTAL</b>	<b>\$11,858.55</b>

## REFERENCES

- Basil, C.M., (1991): Summary Report of Mining Claims Held by Cascade Investments Joint Venture in the Chilko-Taseko Lakes Area, B.C., Private Report for Cascade Investments J.V.
- McLaren, G.P., (1990): A Mineral Resource Assessment of the Chilko Lake Planning Area, Geological Survey Branch, Mineral Resources Division, Bulletin 81.
- Tipper, H.W., (1963): Geology, Taseko Lakes, B.C., 1:253,440 Scale Geology Map, Geological Survey of Canada, Map 29-1963.

STATEMENT OF QUALIFICATIONS

I, David E. Blann, of 38233 View Place, Squamish, in the Province of British Columbia, DO HEREBY CERTIFY:

- 1.) THAT I am a member of the Association of Professional Engineers of the Province of British Columbia.
- 2.) THAT I am a graduate of the British Columbia Institute of Technology in Mining Engineering Technology, and the Montana College of Mineral Science and Technology, Butte, Montana, in Geological Engineering (1986).
- 3.) THAT the information, conclusions and recommendations in this report are based on personal work on the property during 1991, and a review of relevant literature.
- 4.) THAT I have no direct or indirect interest in the Taseko property.

DATED at Vancouver, British Columbia, this 20 day of January, 1992

  
David Ellis Blann, P.Eng.



APPENDIX A  
ROCK SAMPLE DESCRIPTION SHEETS

Sampler D. BLANNDate SEPT 25/91Property TASEKO

NTS \_\_\_\_\_

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM
915-T-D1	65	SOIL			TALUS FAN BY CAMP	42	4	69	13	0.2
91E-T-D2	F	V.F.G. VOLC.	SIL	Py, Po 3% SP TR	SOUTH END OF LAKE - SEVERAL MINERALIZED SCALDERS UP TO 10cm	156	24	1028	24	1.0
91G-T-D3	G	AND. VOLC.	CHL-EP -ARG, SIL	Py 1%	NEAR MONZONITE INTRUSION. QTZ-PYRITE VEINLETS. FRACTURES 150°/40°	200	3	138	19	0.3
91C-T-D4	1.5M	HNL-FELD PORPHYRY AND-DIORITE	LHL	Py 5% SP 1%	STRONG SHEAR 180°/70° W 45° N. PLUNGE UP 50M BELOW FROM K04	202	5	6526	72	0.9
91C-T-D5	1.0M	AND-DIORITE	SIL, LHL	Po, Py 2-3%	CONTACT SHEAR 160°/190° DIORITE/AND. WITH QTZ MONZ. WEAK WALL ALIN	135	7	100	12	0.5
91F-T-D6	F	FG. DIORITE	SIL, LHL	Po, Py 1-5%	TALUS ON GLACIETS EAST OF KNOB	231	11	101	1	0.2
91E-T-D7	F	FELSIC DYKE	SIL - LHL-EP- ARGILLIC	Po 1-5%	F.G. DYKE (DAGITE?) WITH DISS. Po	85	2	27	1	0.1
91C-T-D8	4M	DIORITE VOLC	SIL-CHL-EP	Py, Po 10% TR CP	TR CP, 1-3mm H QTZ VEINS. NEAR CONTACT WITH VOLCANICS.	673	33	585	136	3.4
91E-T-D9	F	FG. AND. VOLC.	LHL-EP - WEAK ARG.	Py, Po 21% TR CP	QTZ VEINLET STOCKWORK, WEAKLY BRECCIATED	3444	22	206	43	12.0
91F-T-D10	F	DIORITE	STRONG LHL-EP- SIL	Py, Po 5% TR CP	50M WEST OF 'KNOB'. WELL FRACTURED AND FILLED BY QTZ	250	4	48	6	1.1
91C-T-D11	1.0M	M.G. VOLC.	QTZ- SERICITE	Po 21%	FRACTURES 165°/68° E. AT CONTACT WITH HORNBLLENDE PORPHYRY	67	5	672	10	0.5
91C-T-D12	0.30	M.G. VOLC	QTZ WEAK CHL	As Py, Po, SP 1-5%	FRACTURE + BRITTLE SHEARS ~170°/70° E	387	18	3991	1802	6.0
91G-T-D13	G	HNL-FELD PORPHYRY LTALETT	CHL-EP	HEM-MAG LINA	2730M ON N RIDGE OF PASS MYLONITIC SHEAR ZONE 100°/45° S. 1M W. OF	164	31	381	598	7.8
91C-T-14	5M	H-F TUFF	ADVANCED ARGILLIC G-S-PY	Py 1-2%	Py DISS. AND IN 1-2mm FRACTURES	61	16	169	274	0.8
91C-T-D15	3M	H-F TUFF	EP- G-S-PY	Py 1%	CONTINUED NORTH FROM D14 1M SHEAR - LOCALLY INTENSE QTZ-PY FRAC	115	13	39	91	0.9

## ROCK SAMPLE SHEET

Sampler C. BASILDate Sept. '91Property TASEKO

NTS \_\_\_\_\_

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
91F T-B01	F	andesite	mod chl-ep	mag, po, mal, py ~ 5%	magnetite veins	1756	378	11209	24.5	6638
91F T-B02	F	"	sl dlep	veinlets of py pods of mag		124	2	120	.4	40
91F T-B03	F	volc/ subvolc	extreme ep	tr py	Qtz flooded	137	2	44	.2	10
91F T-B04	F	monz	gossanous	1% py in blebs		85	2	107	.2	28
91F T-B05	F	"	" sericitic	1% po, py		634	4	69	.8	22
91F T-B06	F	volc	ep veinlets	stringers py ~ 1/2%		528	54	1604	4.0	42
91F T-B07	F	monz		hem, mag		2002	198	5003	26.5	105
91F T-B08	F	volc	chl	mag up to 5%		325	68	639	2.5	210
91F T-B09	F	fg monz	gossanous	mag rich (po?)		445	2	72	1.1	7
91F T-B10	F	fg monz		dissem py + po up to 4%	source on knob directly above	63	6	88	.3	4
91G T-B11	.3x .3m	sub volc/ monz	argillified silicified	up to 2% py/po dissem + blebs		173	5	290	.2	5
91G T-B12	.3m <sup>2</sup>	"	tr chl-ep	"	slight mag	102	6	53	.1	19
91G T-B13	2m <sup>2</sup>	fg volc	gossan somericite	dissem py 1/2% slight mag	moderately silicious	163	4	24	.1	122
91G T-B14	1m <sup>2</sup>	volc	bleached	hem	adjacent to B13	429	6	47	.1	15
91G T-B15	1m <sup>2</sup>	volc/ tuff	tr ep	" , po ~ 1%	on ridge/pass 8000', slightly silicious	602	231	320	.8	38

ROCK SAMPLE SHEET

Sampler BK  
Date SEPT/91

Property TASEKO

NTS \_\_\_\_\_

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Au	Ag	Pb	Zn
91C-TK-K01	2m	f.g. dio	sl chl, K. ep, K-spar, int. sil	1-2% py	ep veins 1-2 cm intense silicification.	442	59	1.4	6	173
C-K02	1m	f.g. dio	"	" tr cpy	intensely silicified.	819	39	2.3	4	222
S-K03	SOIL SAMPLE									
C-K04	3.5m	Hbl Dio	Int. chl, mod sil.	1% fg. py, po	some areas quite bleached <sup>130/84 NW, 185/85 NE, 150/90</sup>	116	22	.5	3	48
C-K05	1.5	FP.	mod chl, sil, tr. ep int lim	1-2% po, py, cpy		137	13	.4	2	136
F-K06	-	Dio	int chl, tr ep, mod sil	5% po, tr py, cpy	float from cliffs immediately above.	200	2	.4	3	38
C-K07	1m	f.g. dio	chl extr. lim	1-2% vfg po	from knob	280	7	.9	17	85
C-K08	1.5	f.g. dio	chl, sl. ep, sl. sil extr. lim	1% po		108	7	.2	9	38
C-K09	.70	"	"	1-2% po	10m down from K08	78	7	.1	2	32
F-K10	-	dio	extr. lim, chl	1% cpy, bn, 2-3% sphal, gal		1068	108	7.8	1914	25000
F-K11	-	c.g. dio	extr. lim chl, tr. ep	5% po	Up to 5mm clots of po.	87	2	.3	3	59
F-K12	-	vfg dio	bleached chl, tr. ep extr. lim	5-7% po	Not too fractured (FI 2.5), 2075/90	204	65	.1	14	46
F-K13	-	gossan	extr. argillitic, boxwork str. completely att'd	5% sphal, po		350	122	2.9	2	6009
C-K14	5m	f.g. dio	extr. sil, chl, bleached	3% po, tr. cpy, tr. py, aspy	1m below K01	319	70	1.0	5	97
C-K15	2m	sub volc (dio?)	extr. gossanous, extr. sil	10% sulphides - asp, po, sphal, py, cpy		757	800	3.2	7	15759



ROCK SAMPLE SHEET

Sampler BK  
Date \_\_\_\_\_

Property TASEKO

NTS \_\_\_\_\_

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Au	Ag	Pb	Zn
G.K16	.25m	feld. hbl xtl tuff	lin	3-5% po	above E. end of lake.	157	6	.1	A	137
F.K17	-					107	58	.8	14	206
S.K18	_____				SOIL SAMPLE _____					
C.K19	5m	volc	extr. lim, int arg alt, ep	Py along fractures	Same line as D14 and D15 - next to D15 extremely gossanous	151	16	.5	2	112
RE.S.K03	_____				SOIL SAMPLE _____					
RE.F.K07		f.g dio	chl, lim	<del>ch, lim</del> po, py diss thrt.		300	12	.8	24	86



APPENDIX B

ASSAY CERTIFICATES

## ASSAY PROCEDURES (from ACME LABS LTD.)

### TRENCHING, SAMPLING and ROCK CHIP PREPARATION

rock samples were collected in plastic bags and sent to Acme Labs Ltd. of Vancouver, B.C., for analysis. The rock chip samples were crushed to 3/16 of an inch. A 250 gram specimen was split out and pulverized to 99% minus 100 mesh using a ring mill pulverizer.

### SOIL SAMPLING and PREPARATION

The soil samples were collected from the 'B' soil horizon, approximately 10 - 15 centimetres deep, using a mattock. The samples were collected in kraft gusseted paper bags and also sent to Acme Labs Ltd. for analysis. At Acme, the samples were oven dried at 60°C and sieved to minus 80 mesh.

### ICP ANALYSIS

A 0.50 gram sample of the prepared pulp is digested with 3 millilitres of 3:1:2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95°C for one hour, diluted to 10 millilitres with water, and then analyzed for 30 elements.

### GOLD ANALYSIS (Fire Geochem)

10 grams of pulp is ignited at 600°C for 4 hours and fused with F.A. flux. The dore bead is dissolved in aqua regia and analyzed by ICP.

### GOLD ANALYSIS (AA)

A 10 gram sample is ignited at 600°C for 4 hours and digested with aqua regia at 95°C on the water bath for one hour. 50 millilitres aliquot is extracted into 10 millilitres of MIBK and analyzed by graphite furnace AA.

AA  
LL

ASSAY CERTIFICATE

AA  
LL

Coast Mountain Geological Ltd. PROJECT CASCADE TASEKO File # 91-4918R

SAMPLE#	Cu %	Zn %	Ag** oz/t	Au** oz/t
91C-T-D12	-	.41	.17	.536
91C-T-D13	-	-	.24	.188
91C-TK-K15	-	1.70	.08	.028
91F-T-B01	-	1.25	.63	.233
91C-T-B07	-	.54	.61	.008
91F-TK-K10	-	2.51	.18	.004
91F-TN-K08	1.66	-	.53	.014
91F-TN-K09	1.18	-	.26	.008
91F-TRN-D12	.86	-	.20	.011
RE 91C-T-D12	.04	.41	.14	.545
STANDARD R-1/AG-1/AU-1	.86	2.36	3.05	.098

AG\*\* AND AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
 - SAMPLE TYPE: ROCK PULP  
 Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JAN 14 1992 DATE REPORT MAILED: *Jan 17/92* SIGNED BY: *C. Leung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

JAN-17-1992 15:41 FROM ACME ANALYTICAL TO COAST MOUNTAIN P.002

## GEOCHEMICAL ANALYSIS CERTIFICATE

Coast Mountain Geological Ltd. PROJECT CASCADE TASEKO

File # 91-4918

Page 1

P.O. Box 11604, 1410 - 65, Vancouver BC V6B 4N9

AA

AA

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
91C-T-D3	1	200	3	138	.3	28	23	516	4.25	39	5	ND	1	129	.3	2	2	70	1.34	.092	2	45	1.80	18	.11	2	3.17	.20	.08	1	19
91C-T-D4	1	202	5	6526	.9	25	10	1000	5.14	380	5	ND	1	98	26.9	3	2	57	1.63	.083	2	36	1.22	46	.09	5	4.32	.18	.47	19	72
91C-T-D5	2	135	7	100	.5	19	18	426	4.26	55	5	ND	1	285	.2	2	3	81	2.88	.088	2	30	1.21	38	.19	2	5.07	.57	.04	1	12
91C-T-D8	2	673	33	585	3.4	11	12	1562	5.34	37	5	ND	1	122	1.7	3	3	61	1.48	.108	2	17	1.64	27	.19	4	4.27	.22	.14	2	136
91C-T-D11	1	67	5	672	.5	20	13	900	4.94	242	5	ND	1	203	1.8	2	2	77	3.04	.078	2	22	1.26	68	.13	4	6.08	.56	.28	2	10
91C-T-D12	1	387	18	3991	6.0	17	23	454	6.88	18402	5	14	1	108	27.3	16	2	59	1.84	.082	3	27	.85	83	.06	2	3.32	.27	.59	21	18624
91C-T-D13	4	164	31	381	7.8	9	14	720	12.20	114	5	6	1	73	.6	8	2	115	.64	.143	6	10	1.13	59	.09	9	2.09	.07	.21	5	5998
91C-T-D14	3	61	16	169	.8	4	9	235	2.55	325	5	ND	1	105	2.0	3	2	38	.99	.076	3	11	1.02	14	.13	5	1.89	.14	.06	1	274
91C-T-D15	2	115	13	39	.9	5	7	246	2.95	37	5	ND	1	96	.2	3	2	36	.98	.080	3	11	.71	21	.20	5	1.69	.13	.08	1	91
91C-TK-K01	4	642	6	173	1.4	42	43	337	5.77	142	5	ND	1	152	.8	2	2	50	1.58	.095	3	33	.82	24	.14	2	2.62	.33	.05	1	59
91C-TK-K02	4	819	4	222	2.3	12	51	411	4.33	78	5	ND	1	94	1.0	2	2	29	1.23	.087	2	16	.66	24	.09	2	2.18	.18	.08	1	39
91C-TK-K04	1	116	3	48	.5	10	10	349	3.76	23	5	ND	1	245	.2	2	2	63	1.92	.104	3	21	.82	37	.21	4	3.07	.40	.06	1	22
91C-TK-K05	2	137	2	136	.4	7	10	303	2.79	18	5	ND	1	111	.7	2	2	42	.72	.051	2	20	.71	40	.10	3	1.78	.26	.04	1	13
91C-TK-K14	1	319	5	97	1.0	20	34	428	5.42	433	5	ND	1	161	.3	2	3	74	1.46	.103	3	32	1.48	30	.19	3	3.22	.30	.03	1	70
91C-TK-K15	1	757	7	15759	3.2	17	24	908	7.53	11113	5	ND	1	75	67.4	6	4	56	1.50	.050	2	15	1.16	80	.04	5	3.99	.27	.61	1	800
91C-TK-K19	1	151	2	112	.5	10	8	419	4.30	51	5	ND	1	85	.5	2	2	86	.75	.102	4	22	1.93	29	.24	3	2.62	.15	.09	1	16
91C-TN-K02	1	18	2	116	.2	19	12	756	3.41	26	5	ND	1	177	.4	2	2	73	11.74	.011	2	17	2.79	13	.01	2	.43	.01	.01	1	6
91C-TN-K03	1	16	2	82	.2	8	16	941	4.01	29	5	ND	1	66	.3	2	2	90	5.37	.019	3	8	1.41	57	.02	6	.59	.01	.02	1	11
91C-TN-K04	1	27	2	85	.1	17	12	459	2.90	10	5	ND	1	99	.2	2	2	68	2.48	.014	2	27	.86	128	.01	5	.93	.01	.03	1	11
91C-TN-K05	1	19	5	155	.2	29	18	1446	4.51	7	5	ND	1	102	.4	2	2	61	6.09	.016	3	28	1.67	154	.01	6	.71	.01	.07	1	9
91C-TN-K06	1	8	2	69	.2	11	13	1037	4.32	5	5	ND	1	154	.2	2	2	65	8.87	.055	5	16	.64	98	.04	7	.75	.01	.07	1	17
91C-TN-K14	14	116	2	26	.4	26	7	228	3.66	3	5	ND	2	58	.2	2	2	90	.79	.061	4	81	1.37	115	.30	3	1.71	.10	.26	1	16
91C-TRN-D1	18	165	2	26	.3	19	9	260	4.02	3	5	ND	1	87	.3	2	3	89	.94	.074	7	51	1.25	113	.30	4	1.93	.13	.47	1	15
91C-TRN-D2	2	167	2	29	.4	24	12	227	3.11	2	5	ND	1	175	.2	2	3	87	2.38	.069	4	35	1.34	30	.29	5	3.43	.16	.22	1	16
91C-TRN-D3	1	145	2	29	.3	30	13	279	3.12	3	5	ND	1	106	.2	2	2	78	2.44	.072	5	60	1.24	20	.24	59	3.26	.07	.09	1	14
91C-TRN-D4	1	230	2	26	.4	9	12	311	5.58	2	5	ND	1	148	.2	2	2	167	3.55	.107	4	13	.94	17	.35	645	3.70	.08	.09	1	9
91C-TRN-D5	4	265	2	29	.4	15	13	249	4.56	2	5	ND	1	183	.2	2	2	133	1.89	.096	5	30	.91	31	.30	11	2.62	.20	.11	1	20
91C-TRN-D6	5	726	2	28	.5	26	19	242	4.39	3	5	ND	1	238	.2	2	3	126	2.12	.096	5	52	1.11	37	.30	9	2.54	.20	.11	1	25
91C-TRN-D7	5	582	2	33	.5	8	22	256	5.64	3	5	ND	1	159	.2	2	4	151	2.85	.114	4	13	.52	25	.31	86	2.78	.26	.08	1	21
RE 91C-TRN-D3	2	154	2	29	.3	30	13	279	3.18	2	5	ND	1	109	.2	2	2	79	2.43	.069	5	61	1.24	20	.24	60	3.28	.07	.08	1	9
91C-TRN-D8	7	566	2	25	.4	7	18	222	5.50	2	5	ND	1	199	.2	2	5	166	2.45	.120	4	9	.54	24	.30	6	2.83	.32	.08	1	20
91C-TRN-D9	25	438	2	29	.6	9	13	227	5.14	2	5	ND	1	182	.2	2	2	189	2.58	.114	5	10	.57	33	.31	11	2.89	.30	.12	1	17
91C-TRN-D10	6	325	2	25	.4	30	12	203	2.97	2	5	ND	1	59	.2	2	3	78	.93	.065	5	78	1.23	75	.25	3	1.60	.10	.19	1	16
91C-TRN-D11	28	433	2	26	.4	31	12	221	2.82	4	5	ND	1	38	.3	2	3	73	.65	.060	5	71	1.34	108	.24	2	1.37	.10	.25	1	22
91C-TRN-D15	8	228	2	31	.4	20	14	235	3.89	3	5	ND	1	205	.2	2	2	107	1.71	.125	5	37	1.24	103	.25	4	3.05	.38	.53	1	11
91C-TRN-D16	1	198	3	42	.4	17	16	439	4.87	10	5	ND	1	123	.2	2	2	124	2.23	.205	6	40	1.44	21	.41	6	2.61	.13	.10	1	8
STANDARD C/AU-R	18	60	38	131	7.1	69	31	1034	4.01	36	19	6	39	52	17.8	16	19	55	.46	.089	39	58	.83	184	.09	34	1.86	.06	.15	13	477

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: P1-P3 ROCK P4 SOIL AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
91F-N-807	7	2053	2	86	1.3	22	23	1001	3.78	14	5	ND	1 114	.5	2	6	142	3.21	.076	2	13	2.04	14	.40	2	2.89	.01	.02	1	9	
91F-N-809	2	19	2	43	.1	19	31	320	5.05	2	5	ND	1 92	.4	2	2	106	.78	.073	3	41	1.68	37	.19	2	2.06	.02	.03	2	8	
91F-N-810	2	90	6	40	.4	30	115	269	9.62	32	5	ND	2 79	.7	2	9	99	.41	.125	6	26	1.36	29	.22	2	2.22	.03	.09	1	7	
91F-T-B01	3	1756	378	11209	24.5	7	177	585	26.51	258	5	7	1 17	120.2	2	65	22	.58	.016	2	1	.63	3	.03	2	1.06	.01	.01	1	6638	
91F-T-B02	5	124	2	120	.4	17	29	291	4.59	28	5	ND	1 106	1.2	2	2	160	.95	.116	6	27	1.20	125	.36	2	1.88	.06	.30	1	40	
91F-T-B03	3	137	2	44	.2	25	11	529	2.68	50	5	ND	1 66	.3	2	2	34	2.11	.069	4	33	.60	16	.13	2	1.33	.01	.03	1	10	
91F-T-B04	3	85	2	107	.2	4	16	353	5.46	85	5	ND	1 147	1.3	2	2	56	1.07	.106	4	5	1.06	49	.08	2	2.67	.05	.09	1	28	
91F-T-B05	40	634	4	69	.8	5	30	290	4.27	12	5	ND	1 269	.8	2	2	67	1.96	.072	2	8	.95	22	.11	2	3.61	.12	.03	1	22	
91F-T-B06	2	528	54	1604	4.0	5	29	1591	9.53	179	5	ND	1 63	9.1	2	7	125	.91	.074	2	24	1.74	24	.11	2	4.02	.05	.02	1	42	
91C-T-B07	1	2002	198	5003	26.5	7	55	9597	5.71	129	5	ND	1 118	50.3	6	15	21	4.54	.039	3	2	.78	6	.10	2	1.13	.01	.01	1	105	
91C-T-B08	1	325	68	639	2.5	10	26	1425	9.66	30	5	ND	1 146	4.4	5	4	144	1.83	.099	3	22	2.16	60	.18	2	5.47	.10	.04	2	210	
91C-T-B09	2	445	2	72	1.1	14	71	435	6.41	38	5	ND	1 62	.9	2	2	137	.80	.113	3	22	1.72	23	.24	2	2.10	.04	.04	1	7	
91F-T-B10	2	63	6	88	.3	27	28	499	4.40	28	5	ND	1 119	.9	2	2	100	1.31	.104	4	26	1.56	22	.25	2	2.44	.07	.02	2	4	
91F-T-D2	1	156	24	1028	1.0	13	15	884	4.96	239	5	ND	1 146	8.8	2	2	118	2.35	.089	3	30	1.23	91	.13	2	5.19	.12	.16	1	24	
91F-T-D6	3	231	11	101	.2	82	48	508	4.33	41	5	ND	1 206	.5	2	2	72	2.12	.101	2	127	1.50	28	.18	2	3.41	.10	.01	1	1	
91F-T-D7	15	85	2	27	.1	26	7	211	1.89	7	5	ND	1 33	.2	2	2	83	.43	.068	3	75	1.36	13	.10	2	1.18	.02	.02	1	1	
91F-T-D9	12	3494	22	206	12.0	22	23	1005	6.80	480	5	ND	1 157	1.9	47	27	89	1.35	.064	2	18	1.33	39	.15	2	3.44	.05	.06	3	43	
91F-T-D10	2	250	4	49	1.1	9	42	617	5.59	60	5	ND	1 90	.2	5	2	99	.93	.121	3	16	1.86	15	.16	2	2.53	.04	.02	1	6	
91F-TK-K06	1	200	3	38	.4	74	37	370	3.61	44	5	ND	1 170	.4	2	2	60	1.52	.106	3	88	1.35	22	.22	2	2.50	.09	.02	3	2	
91F-TK-K07	4	280	17	85	.9	13	20	780	4.34	16	5	ND	1 75	.2	2	2	109	.74	.119	2	21	1.78	16	.22	2	2.16	.03	.01	1	7	
91F-TK-K08	3	108	9	38	.2	14	23	460	4.22	28	5	ND	1 91	.2	2	2	134	1.08	.116	3	23	1.29	17	.24	2	2.24	.07	.03	1	7	
91F-TK-K09	2	78	2	32	.1	12	20	374	3.84	17	5	ND	1 117	.4	2	2	123	1.27	.116	3	16	1.05	20	.26	2	2.24	.08	.03	1	7	
91F-TK-K10	4	1068	1914	25090	7.8	5	28	2342	7.13	554	5	ND	1 81	112.0	2	12	65	.71	.068	4	5	1.37	89	.08	2	4.34	.04	.23	1	108	
91F-TK-K11	2	87	3	55	.3	18	20	363	3.87	9	5	ND	1 183	.5	2	2	73	1.35	.092	4	49	1.02	23	.20	2	2.14	.07	.03	1	2	
91F-TK-K12	2	204	14	46	.1	12	29	488	5.90	14	5	ND	1 106	.3	2	2	101	1.00	.130	3	6	1.54	22	.25	2	2.11	.06	.04	1	65	
RE 91F-TK-K07	5	300	24	86	.8	11	20	796	4.54	18	5	ND	1 76	.6	2	2	114	.76	.123	2	20	1.84	16	.22	2	2.28	.04	.01	1	12	
91F-TK-K13	1	350	2	6063	2.9	2	5	248	4.70	383	5	ND	1 4	33.0	6	2	9	.44	.011	2	7	1.25	1	.02	2	.59	.01	.01	1	122	
91F-TK-K17	2	104	14	206	.8	2	13	1122	6.19	4328	5	ND	1 37	1.4	4	2	46	.55	.069	2	5	.84	77	.06	2	2.94	.02	.49	1	58	
91F-TN-K01	1	3717	2	41	3.8	12	50	507	5.24	26	5	ND	1 128	1.0	2	29	137	2.76	.116	4	10	1.07	7	.36	2	2.29	.02	.05	2	138	
91F-TN-K08	2	18592	4	184	25.6	18	75	650	5.73	18	5	ND	1 245	3.9	2	15	125	4.02	.088	2	11	1.24	15	.37	2	3.10	.08	.05	1	469	
91F-TN-K09	12	13360	2	74	13.2	20	114	564	4.11	9	5	ND	1 156	2.2	2	38	135	3.65	.086	2	8	1.09	10	.38	2	2.55	.04	.03	5	388	
91F-TN-K10	1	1207	2	26	.7	13	14	617	2.72	8	5	ND	1 140	.3	2	3	89	4.43	.089	6	14	.94	11	.28	2	2.35	.03	.05	1	7	
91F-TN-K12	3	7954	2	26	8.8	23	298	215	6.32	6	5	ND	1 147	.4	2	32	48	1.71	.031	2	20	.25	5	.15	2	1.02	.01	.01	1	75	
91F-TN-K13	8	1455	4	48	1.8	16	89	663	5.80	13	5	ND	1 204	.8	2	9	88	5.19	.093	7	4	.95	11	.30	2	2.63	.03	.03	2	17	
91F-TN-K15	1	6958	2	56	12.4	59	21	816	5.36	2	5	ND	1 177	.9	2	37	79	3.20	.141	11	32	1.37	129	.19	2	2.02	.02	.07	2	158	
91F-TN-K16	1	975	10	65	1.4	59	80	1477	10.82	16	5	ND	2 318	2.0	2	12	177	5.10	.147	10	42	2.47	42	.26	2	3.20	.02	.18	1	88	
STANDARD C/AU-R	20	63	45	131	6.9	69	31	1075	3.93	41	25	8	41	49	17.3	20	22	62	.47	.089	39	57	.87	174	.09	35	1.85	.06	.14	11	480

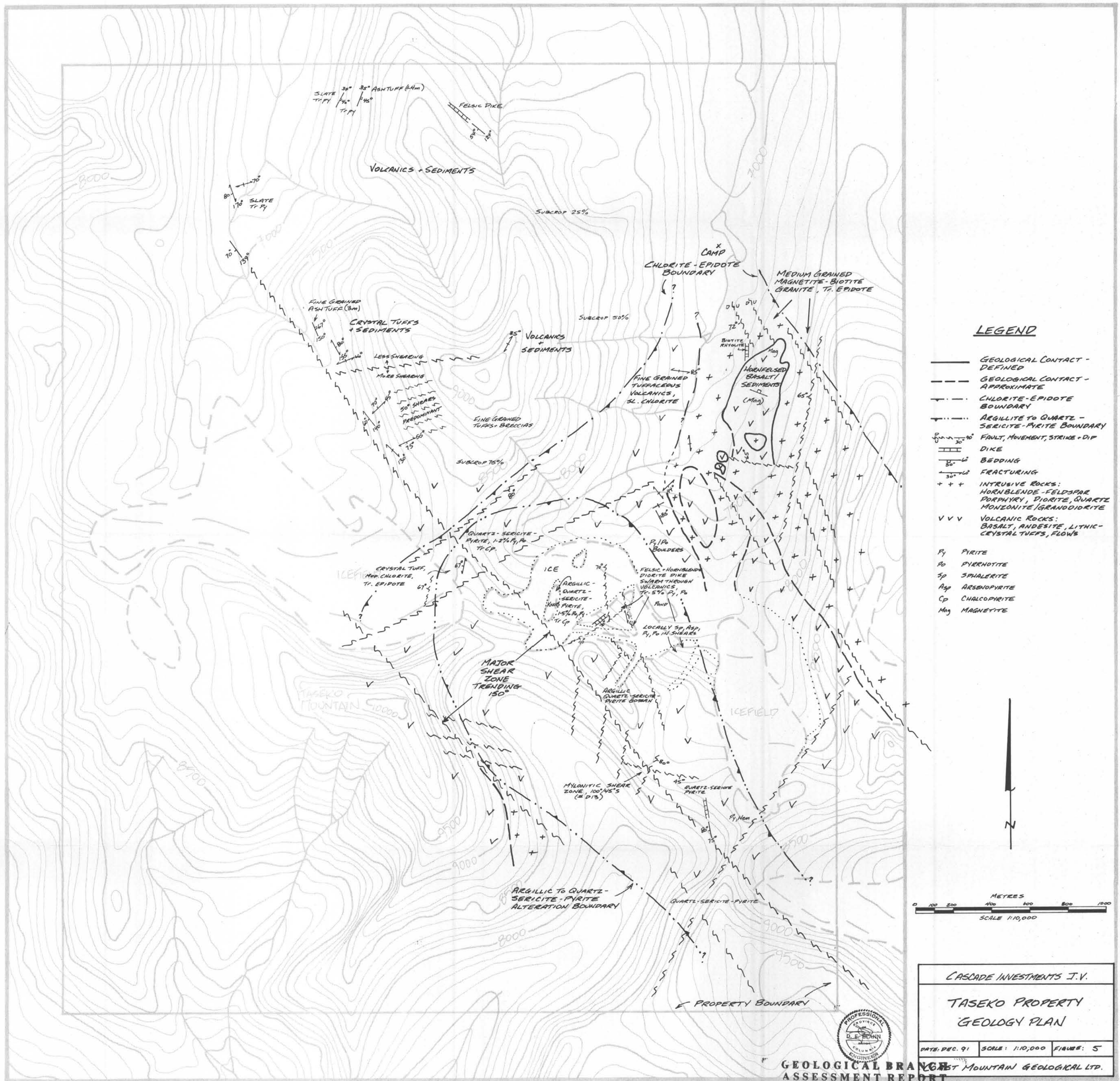
Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	H ppm	Au** ppb
91F-TRN-D12	1	8548	4	59	6.0	55	52	1633	9.05	4	5	ND	1	332	1.1	2	2	129	6.74	.096	4	38	2.32	34	.25	3	2.52	.02	.09	2	215
91F-TRN-D13	1	64	3	70	.1	8	7	1226	4.79	4	5	ND	1	134	.4	2	2	88	15.01	.011	2	8	5.56	111	.01	2	.20	.02	.01	1	15
91F-TRN-D14	2	294	2	25	.1	47	39	197	6.74	3	13	ND	1	149	.8	2	2	86	1.67	.093	2	75	1.57	66	.20	4	2.62	.35	.64	1	18
91F-TRN-D17	2	5479	4	106	9.6	10	35	430	5.27	8	5	ND	1	165	2.4	2	2	123	3.43	.118	2	10	.91	19	.39	8	3.65	.24	.07	1	137
91G-N-B01	1	72	4	29	.2	19	25	304	3.77	8	5	ND	1	155	1.1	2	2	124	5.52	.074	2	28	1.98	13	.36	8	6.45	.06	.08	1	35
91G-N-B02	1	49	2	41	.2	24	37	457	4.72	10	5	ND	1	172	1.1	2	2	143	5.94	.094	2	40	2.55	11	.42	8	7.26	.03	.06	1	27
91G-N-B03	1	266	2	33	.1	21	41	401	5.26	6	5	ND	1	272	.6	2	2	135	1.65	.081	2	33	2.59	54	.31	4	4.29	.31	.16	1	39
91G-N-B04	1	86	2	15	.2	13	22	143	4.17	7	5	ND	1	83	1.2	2	2	87	8.07	.059	2	25	.70	4	.25	10	6.59	.02	.02	1	21
91G-N-B05	12	338	2	26	.4	19	34	245	7.21	2	5	ND	1	183	1.0	2	2	114	2.04	.086	2	40	1.81	66	.27	4	4.30	.38	.22	1	37
91G-N-B06	2	481	2	227	.6	25	37	316	8.69	7	5	ND	1	146	1.1	2	2	136	2.28	.082	2	51	2.54	19	.28	6	4.41	.09	.05	1	77
91G-N-B08	1	47	2	27	.1	10	15	775	4.08	2	5	ND	1	312	.7	2	2	80	6.42	.092	4	14	1.05	5	.25	126	2.75	.02	.01	2	8
91G-N-B11	2	12	2	27	.1	31	37	292	3.75	2	16	ND	1	87	.4	2	2	73	.98	.072	2	82	1.50	31	.16	4	1.70	.13	.06	1	27
91G-N-B12	1	17	2	31	.1	33	98	343	5.79	2	5	ND	1	115	.3	2	2	99	.67	.082	2	74	1.92	39	.20	2	1.79	.10	.05	1	10
91G-T-B11	1	173	5	290	.2	23	29	1030	5.45	47	7	ND	1	206	1.8	2	2	88	.97	.097	2	29	2.12	24	.12	5	3.47	.14	.02	1	5
91G-T-B12	1	102	6	53	.1	19	19	388	3.12	62	5	ND	1	121	.3	2	2	76	.99	.129	2	29	1.37	23	.22	3	1.90	.20	.01	1	19
91G-T-B13	8	163	4	24	.1	11	26	255	4.42	67	5	ND	1	108	.5	2	2	66	.95	.117	2	11	.94	22	.20	3	2.12	.23	.05	1	122
91G-T-B14	1	429	6	47	.1	18	34	415	4.39	189	8	ND	1	70	.3	2	2	71	.87	.121	2	27	1.57	16	.16	3	1.99	.12	.03	2	15
91G-T-B15	1	602	231	320	.8	13	52	1085	9.96	55	12	ND	1	127	1.3	2	2	89	.79	.072	2	35	2.16	45	.11	2	5.44	.12	.02	1	38
91G-T-B16	1	50	9	45	.2	40	13	198	5.19	14	5	ND	2	37	.7	2	2	52	.25	.019	4	26	.60	53	.11	3	3.78	.11	.22	2	11
RE 91G-T-B13	8	162	2	24	.2	11	26	259	4.42	64	5	ND	1	107	.7	2	2	67	.93	.117	2	12	.93	23	.19	3	2.12	.23	.05	2	100
91G-T-B17	3	88	3	15	.1	11	9	172	1.71	14	5	ND	1	42	.3	2	2	45	.47	.065	2	15	.59	12	.14	2	.96	.10	.06	1	28
91G-T-B18	10	677	8	32	.2	6	31	222	4.82	69	5	ND	2	81	.4	4	2	31	.52	.033	2	21	.54	38	.14	5	1.40	.07	.06	2	13
91G-T-B19	3	214	3	31	.1	6	14	267	2.44	27	6	ND	1	104	.5	3	2	37	.87	.059	2	11	.79	15	.16	3	1.77	.16	.02	2	26
91G-T-B20	12	121	2	43	.2	17	16	378	3.88	24	5	ND	1	115	.6	2	2	92	.89	.086	2	23	2.36	22	.28	3	2.85	.21	.05	2	23
91G-T-B21	8	89	2	41	.1	20	16	379	3.72	25	8	ND	1	85	.7	2	2	80	.76	.089	2	34	2.14	21	.30	3	2.30	.14	.06	2	22
91G-TK-K16	1	157	4	137	.1	10	9	249	3.20	253	5	ND	1	239	1.8	2	2	57	2.89	.074	2	19	.57	41	.10	3	4.92	.58	.04	1	6
91G-TN-K07	1	293	2	17	.6	23	61	201	8.03	7	5	ND	1	140	.8	3	2	156	2.13	.084	2	25	.36	24	.34	6	2.05	.21	.04	2	1
91G-TN-K11	2	841	3	38	.6	17	34	232	7.89	2	5	ND	1	123	1.2	2	2	214	1.79	.102	2	16	1.91	28	.28	4	3.58	.22	.15	1	12
STANDARD C/AU-R	21	65	43	130	7.2	73	32	1021	3.88	42	22	6	39	50	17.8	17	18	61	.47	.090	41	60	.84	173	.09	31	1.89	.06	.15	12	474

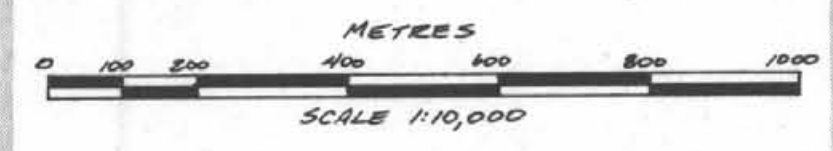
Sample type; ROCK. Samples beginning 'RE' are duplicate samples.





**LEGEND**

- GEOLOGICAL CONTACT - DEFINED
- - - - GEOLOGICAL CONTACT - APPROXIMATE
- - - - CHLORITE - EPIDOTE BOUNDARY
- - - - ARGILLITE TO QUARTZ - SERICITE - PYRITE BOUNDARY
- +—+— FAULT, MOVEMENT, STRIKE - DIP
- ▬▬▬ DIKE
- ▬▬▬ BEDDING
- +—+— FRACTURING
- + + + INTRUSIVE ROCKS:  
HORNBLLENDE - FELDSPAR  
PORPHYRY, DIORITE, QUARTZ  
MONZONITE / GRANDIODRITE
- V V V VOLCANIC ROCKS:  
BASALT, ANDESITE, LITHIC -  
CRYSTAL TUFFS, FLOWS
- P<sub>1</sub> PYRITE
- P<sub>2</sub> PYRROTITE
- SP SPHALERITE
- Asp ARSENOPYRITE
- CP CHALCOPYRITE
- Mag MAGNETITE

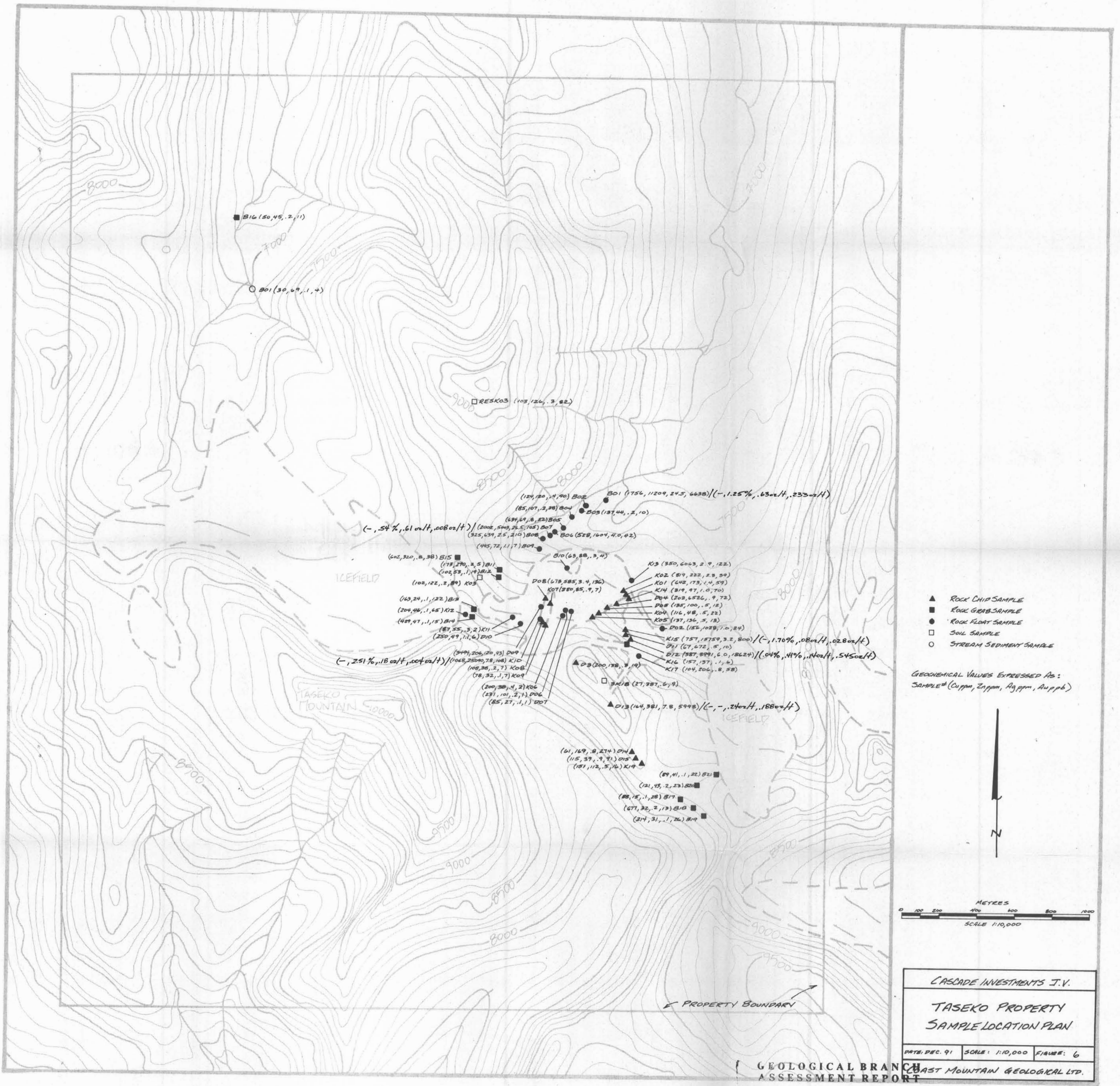


CASCADE INVESTMENTS J.V.  
TASEKO PROPERTY  
GEOLOGY PLAN  
DATE: DEC. 91 SCALE: 1:10,000 FIGURE: 5  
GEOLOGICAL BRANCH TASEKO MOUNTAIN GEOLOGICAL LTD.  
ASSESSMENT REPORT



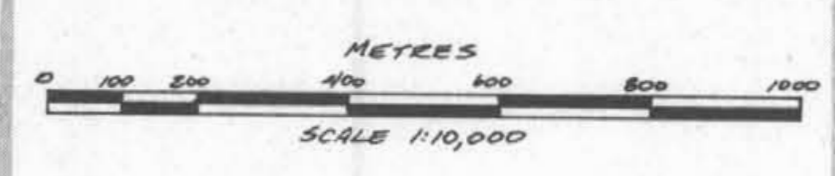
22,160





- ▲ ROCK CHIP SAMPLE
- ROCK GRAB SAMPLE
- ROCK FLOAT SAMPLE
- SOIL SAMPLE
- STREAM SEDIMENT SAMPLE

GEOCHEMICAL VALUES EXPRESSED AS:  
 SAMPLE# (Cu ppm, Zn ppm, Ag ppm, Au ppb)



CASCADE INVESTMENTS I.V.  
 TASEKO PROPERTY  
 SAMPLE LOCATION PLAN  
 DATE: DEC. 91    SCALE: 1:10,000    FIGURE: 6

GEOLOGICAL BRANCH    TASEKO MOUNTAIN GEOLOGICAL LTD.  
 ASSESSMENT REPORT

22,160

