

84-999-13112

ASSESSMENT REPORT  
DIAMOND DRILL PROJECT  
TOTEM GROUP  
BEARSKIN LAKE, B. C.

ATLIN MINING DIVISION  
N.T.S. 104K/1

58°16'N

132°22'W

FILMED

OWNER: CHEVRON CANADA LIMITED  
OPERATOR: CHEVRON CANADA RESOURCES LIMITED

Authors: K. R. Shannon  
S. G. McAllister

November, 1984

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

13,112

a2/15.

FILMED

## TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
LOCATION AND ACCESS	1
CLAIMS	1
GEOLOGY	4
PURPOSE AND INTERPRETATION OF DRILL PROGRAM	4
SUMMARY	5
COST STATEMENT	6
STATEMENT OF QUALIFICATIONS	7
CORE LOGGING SYSTEM	12
DRILL LOGS	In Appendix

## LIST OF FIGURES

	<u>Page</u>
Figure 1: Location Map (1:500,000)	2
Figure 2: TOTEM Group Location Map (1:250,000)	3
Figure 3: Claim Location Plan Map (1:5000) With Drill-Hole Collars	In pocket

## INTRODUCTION

Mineralization on the TOTEM claim group was discovered in 1981 during reconnaissance prospecting in the Tatsamenie Lake area. Follow-up work in 1982 was mainly comprised of geological mapping and grid soil sampling. Preliminary diamond drilling was started in summer 1983. More extensive drilling was carried out during summer 1984.

## LOCATION AND ACCESS

The TOTEM group of claims is situated at approximately 58°16'N and 132°22'W (Fig. 1). The claims are 170 km southeast of Atlin, B. C. and 75 km northwest of Telegraph Creek, B. C. The base camp is situated on the northeast corner of Bearskin Lake and access to the claims is by trail or helicopter. During 1984, supplies were flown in by charter aircraft from Dease Lake, B.C. approximately 137 km to the east. Fuel was mobilized during the winter on the ice at Bearskin Lake.

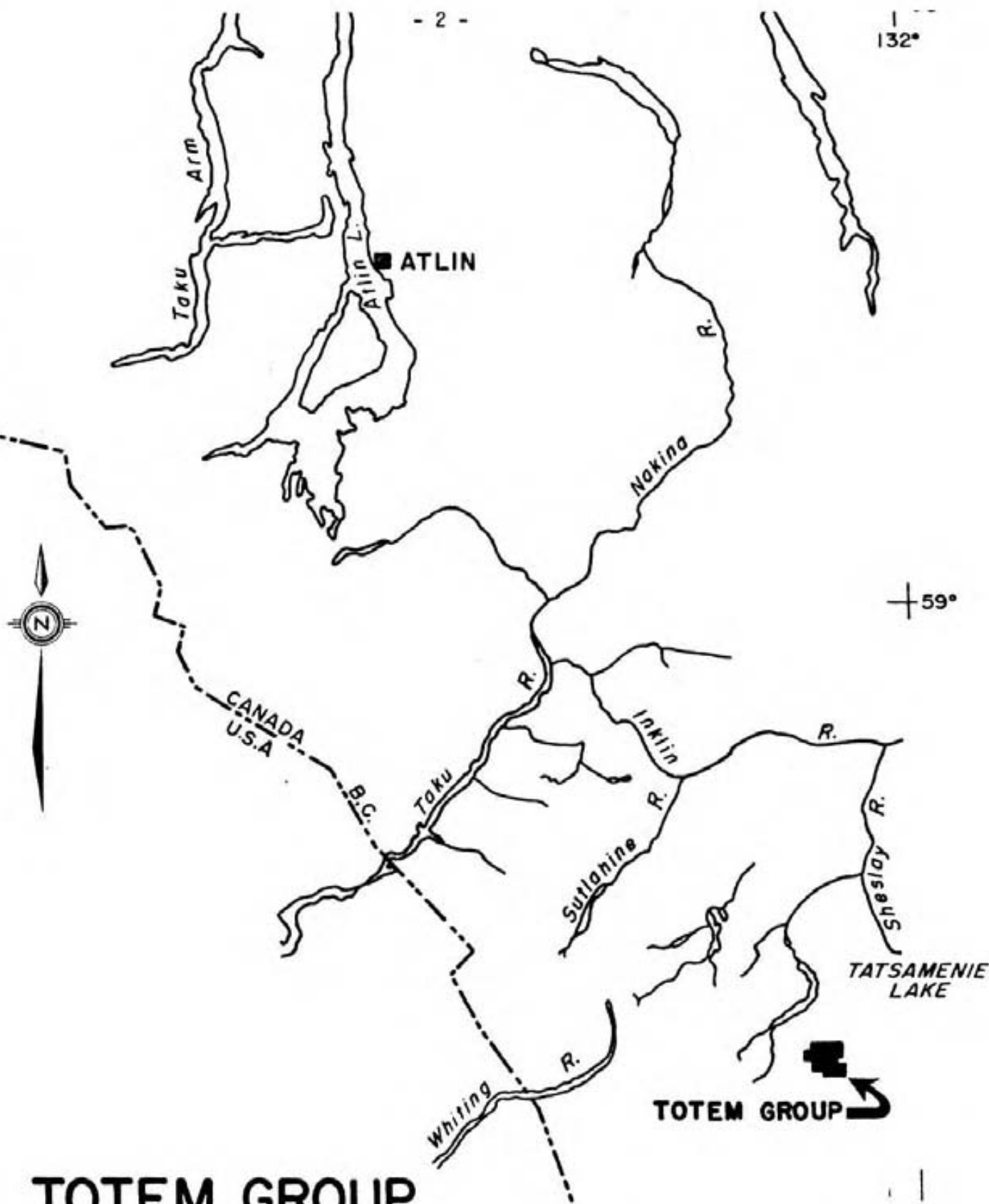
## CLAIMS

The TOTEM group of claims was staked as follows (Fig. 2):

<u>Claim</u>	<u>Record No.</u>	<u>Record Date</u>	<u>No. of Units</u>
SAM #2	1291	March 5, 1981	10
POLE	1490	August 21, 1981	20
EL 2	1730	September 15, 1982	20
EL 3	1745	September 22, 1982	20
TOTEM	1488	August 21, 1981	20
HORN 1	1944	July 4, 1983	8

These claims cover previously unstaked ground.





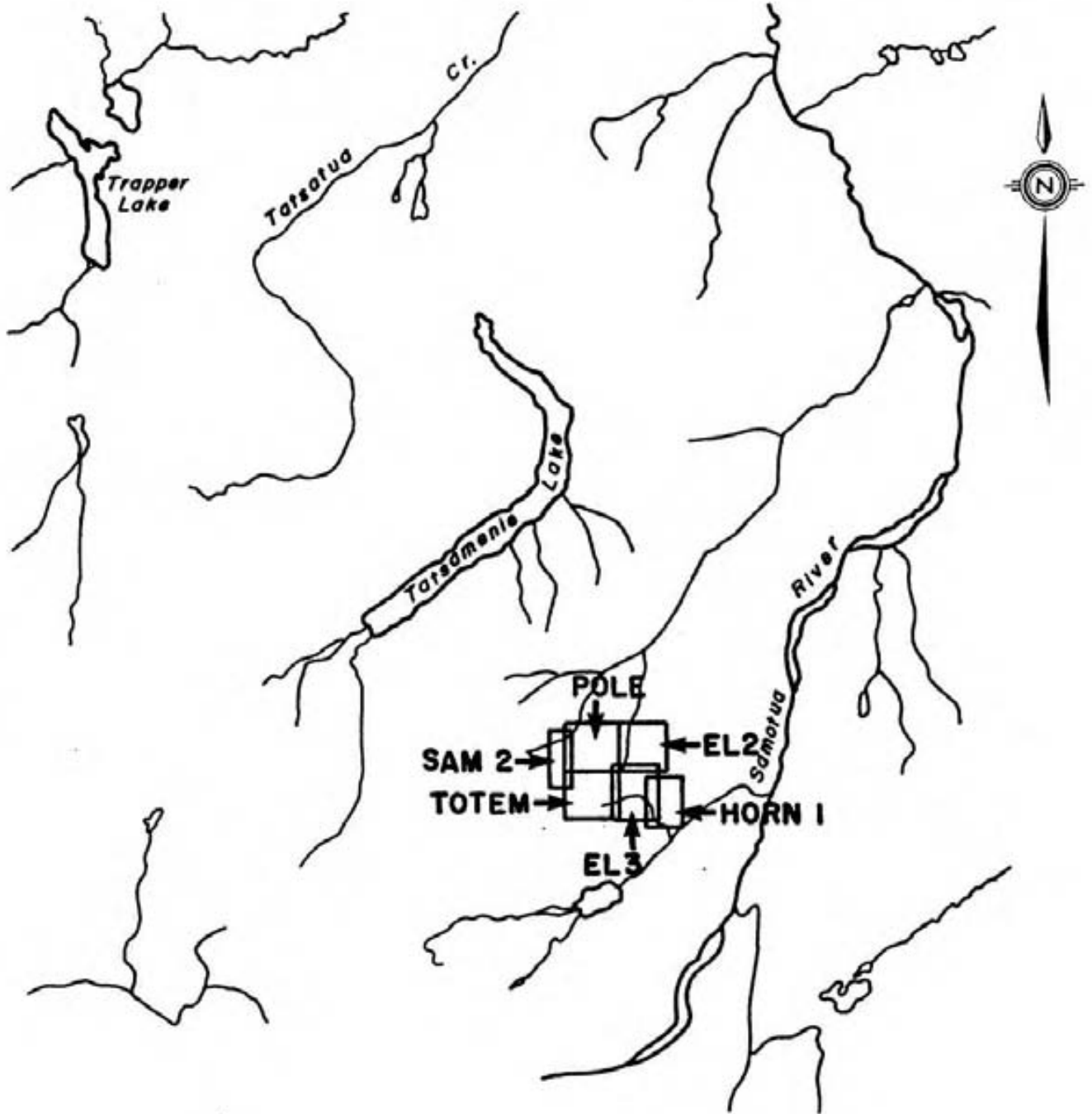
# TOTEM GROUP LOCATION MAP

M523

FIGURE 1

0 30  
Km

0 10KM.



# TOTEM GROUP CLAIM MAP

M523 FIGURE 2

## GEOLOGY

The Totem claim group is underlain by rocks of Permian to Pre-Upper Triassic age. The Permian rocks consist of limestones and dolomites that outcrop in the central, southern and western parts of the claims. Lower to Middle Triassic fine to medium grained foliated diorites occur in the northern area of the claims. Pre-Upper Triassic mafic pyroclastic rocks consisting of chloritized tuffs and lapilli tuff lie in the eastern claim area. The chloritization is a result of the regional greenschist metamorphism.

The claim area is cut by abundant faults, with predominantly north-south and northeast-southwest orientations. Within the limestone unit there is a fault bounded pod of tuff. Along the same structure dolomitization and local silicification of the limestone occurs.

## PURPOSE AND INTERPRETATION OF DRILL PROGRAM

The purpose of the drill program was to evaluate mineralization contained in a north-south fault zone on the central part of the TOTEM claim. This fault zone (called the Fleece Bowl Fault) lies within the Permian limestones and contains a fault-bounded pod of Pre-Upper Triassic tuff. Precious metal mineralization occurs erratically along the fault zone and appears to be concentrated in the hanging wall of the fault. There is little visible mineralization in the fault zone; traces of fine grained sulphides and minor pyrite (usually <1%) are occasionally present. The tuff fault pod usually contains disseminated pyrite (1-2½%). Assay results from the six holes show sub-economic but anomalous gold and silver grades.

## SUMMARY

Assay results from the drilling show a concentration of gold and silver along the Fleece Bowl Fault. Pyrite occurs disseminated along the fault especially in the tuff fault-pod but does not appear to be directly associated with the precious metal mineralization. More work is needed to determine the nature of gold and silver mineralization and ore controls.

**1984 DRILLING  
TOTEM GROUP CLAIMS**

**COST STATEMENT**

PERIOD: July 4, 1984 to August 16, 1984

**DRILLING**

<u>Hole No.</u>	Footage Cost \$23/ft. Core \$18/ft. Casing	Helicopter \$420/hr.incl. Fuel	Field Cost Man Hours \$30/Man Hours	Camp Man Days \$50/Man Day	Rig Hours \$15/Rig Hour	Diamond Bit Costs
T-84-56 (July 9-14)	\$12,170.00	\$ 2,520.00		\$ 1,200.00		
T-84-58 (July 13-18)	10,141.00	2,520.00		1,200.00		\$ 1,804.00
T-84-63 (July 24-Aug.8)	29,156.00	7,140.00		3,400.00		2,341.00
T-84-65 (July 24-30)	14,006.00	3,360.00		1,600.00		823.00
T-84-67 (July 31-Aug.7)	11,828.00	3,780.00		1,800.00		2,314.00
T-84-68 (Aug.5-Aug.9)	10,667.00	2,520.00		1,200.00		1,106.00
	<u>\$87,968.00</u>	<u>\$21,840.00</u>		<u>\$10,400.00</u>		<u>\$ 8,388.00</u>
					TOTAL	<u>\$128,596.00</u>

## STATEMENT OF QUALIFICATIONS

I, Ken Shannon, graduated from the University of British Columbia with a B.Sc. (Hons. Geology) in 1975. An M.Sc. degree was awarded from the Department of Geology at U.B.C. in May 1982.

I have worked as an exploration geologist with Chevron Canada Resources Limited of Vancouver, B. C. since May, 1981. I am a member in good standing of the C.I.M.M., G.A.C. and S.E.G.

Work on the TOTEM group of claims was done under my supervision.



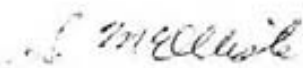
KEN SHANNON

November 1984

## STATEMENT OF QUALIFICATIONS

I, Sandra G. McAllister, am a professional geologist with office presently at 1900 - 1055 West Hastings Street, Vancouver, B. C.

I am a graduate of Queen's University with a B.Sc. (Hons., Geological Sciences) 1981, have worked in mineral exploration, mainly seasonally, since 1978 and am a member in good standing of the Geological Association of Canada.

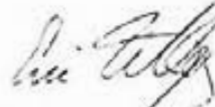
  
Sandra G. McAllister

November 1984

## STATEMENT OF QUALIFICATIONS

I, Eric Titley, graduated from the University of Waterloo with a B.Sc. (Hons. Earth Sciences) in 1980.

I have worked as an exploration geologist with Chevron Canada Resources Limited of Vancouver, B. C. since April 1984. I am an associate member of the G.A.C.



ERIC TITLEY

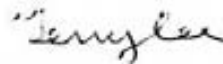
November 1984



## STATEMENT OF QUALIFICATIONS

I, Terry Lee, graduated from the University of Toronto in 1980 with a B.A.Sc. in Geological Engineering, mineral exploration option.

I have worked in the mineral exploration field for over four years.



TERRY LEE

November 1984

## STATEMENT OF QUALIFICATIONS

I, Kim Niggemann, graduated from the University of New Brunswick with B.Sc. Geology in 1980.

I have worked as an exploration geologist with Chevron Canada Resources Limited of Vancouver, B. C. since April, 1981.

I am a member in good standing of the G.A.C.



*Kim Niggemann*

KIM NIGGEMANN

November 1984

## CORE LOGGING SYSTEM

All core logging is done on 80 column forms using two tiers of information (effectively giving 160 columns). The tier being used is marked in the first column (KEY column) with either a "/" to represent entries in the upper tier or an "L" to represent entries in the lower tier. An "R" in the first column is used to preface any remarks. All codes used in the various columns (both upper (/) and lower (L) tier) are explained in the edit listing in the appendix under hole number B83 DH000.

Geological intervals in the core are marked in column 47. A "P" is used for principal geological intervals which are consecutive down the hole. Intervals of interest within principal geological intervals are logged as "R" intervals (repeats).

Further information on the logging system is available from International Geosystems Corporation, 304 - 1200 W. Pender St., Vancouver, B. C.; Ph. 669-5626.

APPENDIX

G E O L O G E D I T L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY, NORTHERN BC

FORMAT VERSION : 6B02

DRILLHOLE/TRVERSE :583DH000	COLLAR ELEVATION: 0.00	AZIMUTH( DEG ) : 0.00	GEOLOGGED BY : KVN + KRS
TOTAL DEPTH/LENGTH : 0.00	NORTHING(- IF S): 0.00	VERTICAL ANGLE : -90.00	DATE (YY/MM/DD): 830926
CORE/HOLE DIAMETER : HNBD	EASTING (- IF W): 0.00	CO-ORD SYSTEM : GRD	PROJECT NUMBER : M523

F	-	I	N	T	E	R	V	A	L	-	CORE	T- %	TYPI-	GAL	TEX-	GRAIN	PGI	STRUCTUR-1	ALTERATION	MINS	DRE-TYPE	MINS	SUMMARY																						
K	L	(UNITS =	MT.	2	DEC.	PLACE)	RECOV-	M	M	ROCK	FYING	MIN	TURES	CHARACS	H	H	H	H	H	ANY	H	H	ANY	STR																					
E	A	(METRIC)	ERY	D	I	TM	TM	MAT	TX	TX	F	C	%	M	VNTK	/RI	T	ID	STK	DIP	A	A	A	A	MIN	A	A	A	MIN	-	-														
Y	G	F	R	O	M	-	T	O	-	I	N	T	(PC.1)	D	X	TYPE	1	2	QM1	1	2	F	F	C	A	NNCM	1	AZM	RT	GZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I				
K	F						ROCK	VUG	QT	DO	CR	GM2	TX	TX	S	R	S	D	VNDF	T	ID	STK	DIP	MU	DO	CY	FU	HE	HA	JA	SC	FS	HA	ALT											
E	L						QUAL	GMM	GG	GG	LC-H		3	4	O	N	H	/	PI	2	AZM	RT	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	F	I
Y	G						DESIG				COL	A			R	D	P	C	SMLF		STRUCTUR-2	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

R SUM

R SUM

BEAR TOTEM GOLD PROPERTY IS NEAR ATLIN, NORTHERN B.C.

R SUM

R SUM

DRILLING COMPANY: CONNORS DRILLING

R SUM

HEAD OFFICE IS IN KAMPLOOPS, B.C.

R SUM

R SUM

SURVEYED BY: AAD = ANDREW DEBOWSKI

R SUM

R SUM

GEOLOGGED BY: KRS = KEN SHANNON

R SUM

KVN = KIM NIGGEMANN

R SUM

MJT = MIKE THICKE

R SUM

AAL = ANDY LAIRD

R SUM

EPT = ERIC TITLEY

R SUM

TRL = TERRY LEE

R SUM

SGM = SANDY MCALLISTER

R SUM

R SUM CO-ORDINATE SYSTEM IS TRUE NORTH

R SUM

R SUM RECOVERY (/17-20) MEASURED AS PERCENT RECOVERY (PC.1)

R SUM OVER THE FROM-TO INTERVAL

R SUM

R SUM RQD = ROCK QUALITY DESIGNATION (L17-20) MEASURED AS PERCENT

R SUM (PC.1) OVER THE FROM-TO INTERVAL

R SUM RQD IS THE TOTAL LENGTH (BETWEEN INTERVAL) OF PIECES

R SUM OF CORE AT LEAST 2-1/2 TIMES DIAMETER OF CORE, DIVIDED

R SUM BY LENGTH OF INTERVAL (TO MINUS FROM) TIMES 100

R SUM

R SUM GEOLOGICAL ROCK CODES AND LEGENDS (/24-27)

R SUM

R SUM TRIC TRICONED INTERVAL, NO CORE RECOVERED

R SUM CASN CASING TO BEDROCK

R SUM OVER OVERBURDEN

R SUM LOST LOST CORE (NOT RECOVERED IN DRILLING)

R SUM MISN MISSING-CORE (NOT AVAILABLE FOR LOGGING)

R SUM CAVY NATURAL UNDERGROUND CAVITY, CAVERN

R SUM CAVD CAVED MATERIAL

R SUM FAUL FAULT

R SUM GOUG GOUGE ( > 50% )

R SUM

R SUM VEIN VEIN, UNDIFFERENTIATED

R SUM VNXX VEIN, AS MODIFIED BELOW:

R SUM Q, QZ QUARTZ

R SUM D, DG DOLOMITE

R SUM	C, CA	CALCITE
R SUM	P, PY	PYRITE
R SUM		
R SUM	D/BS	BASALT DYKE
R SUM	D/F1	FELSIC DYKE - 1
R SUM	D/F2	FELSIC DYKE - 2
R SUM	BXF2	FELSIC DYKE - 2 BRECCIA
R SUM	BXTA	TALC BRECCIA
R SUM	BXGB	GABBRO BRECCIA
R SUM	BXTF	TUFF BRECCIA
R SUM	BXTG	TUFF QUARTZ BRECCIA
R SUM	BXTD	TUFF DOLOMITE BRECCIA
R SUM	BXDT	DOLOMITE TUFF BRECCIA
R SUM	BXQT	QUARTZ TUFF BRECCIA
R SUM	BXTP	TUFF PYRITE BRECCIA
R SUM	BXPT	PYRITE TUFF BRECCIA
R SUM	BXGP	QUARTZ PYRITE BRECCIA
R SUM	BXPD	PYRITE QUARTZ BRECCIA
R SUM	BXDD	DOLOMITE BRECCIA
R SUM	BXSD	SILICIFIED DOLOMITE BRECCIA
R SUM	BXSL	SILICIFIED LIMESTONE BRECCIA
R SUM	BXQZ	QUARTZ BRECCIA
R SUM	BXGD	QUARTZ-DOLOMITE BRECCIA
R SUM	BXDG	DOLOMITE-QUARTZ BRECCIA
R SUM	BXQL	QUARTZ LIMESTONE BRECCIA
R SUM	BXLQ	LIMESTONE QUARTZ BRECCIA
R SUM	BXLS	LIMESTONE BRECCIA

R SUM	JASP	JASPEROID
R SUM	DOLM	DOLOMITE
R SUM	LMST	LIMESTONE
R SUM	MUDS	MUDSTONE
R SUM	SILT	SILTSTONE
R SUM	TUFF	TUFF, UNDIFFERENTIATED, MAFIC
R SUM	TFLM	TUFF, LAMINATED, MAFIC
R SUM	TFBN	TUFF, BANDED
R SUM	TFLP	TUFF, LAPILLI, MAFIC ( > 20% LAPILLI )
R SUM	TFBX	TUFF, BRECCIA, MAFIC ( WITH VOLCANIC CLASTS )
R SUM	TFXL	TUFF, CRYSTAL, MAFIC
R SUM	TFIV	TUFF, INTERMEDIATE
R SUM	TFV	TUFF, FELSIC
R SUM	GSTN	GREENSTONE
R SUM	GABR	GABBRO
R SUM	DIAB	DIABASE DYKE
R SUM		
R SUM		TYPE MODIFIER (/21-22), MATRIX OF BRECCIA ROCK TYPE
R SUM		
R SUM	SI	SILICA
R SUM	DD	DOLOMITE
R SUM	PY	PYRITE
R SUM	CA	CALCITE
R SUM	CY	CLAY ( 25% - 50% CLAY GOUGE )
R SUM	LI	LIMONITE
R SUM	HE	HEMATITE
R SUM		



R SUM VUGS (L21-23)

R SUM

R SUM COLUMN 21 G-SCALE

R SUM

R SUM COLUMN 22-23 MINERALS LINING CAVITY

R SUM

R SUM	GZ, Q	QUARTZ	QD	QUARTZ-DOLOMITE
R SUM	CA, C	CALCITE	DQ	DOLOMITE-QUARTZ
R SUM	DO, D	DOLOMITE	GC	QUARTZ-CALCITE
R SUM	GY, G	GYPSUM	CG	CALCITE-QUARTZ
R SUM	LI	LIMONITE	DC	DOLOMITE-CALCITE
R SUM	GO	GOETHITE	CD	CALCITE-DOLOMITE
R SUM			AR	ARAGONITE

R SUM

R SUM AMOUNT OF SILICIFIED FRAGMENTS IN BRECCIA (L24)

R SUM

R SUM G-SCALE (AS PERCENTAGE OF TOTAL ROCK FRAGMENTS)

R SUM

R SUM AMOUNT OF TUFF OR GREENSTONE FRAGMENTS IN BRECCIA (L25)

R SUM

R SUM G-SCALE (AS PERCENTAGE OF TOTAL ROCK FRAGMENTS)

R SUM

R SUM AMOUNT OF DOLOMITE FRAGMENTS IN BRECCIA (L26)

R SUM

R SUM G-SCALE (AS PERCENTAGE OF TOTAL ROCK FRAGMENTS)

R SUM

R SUM AMOUNT OF OTHER FRAGMENTS IN BRECCIA (L27), AS SPECIFIED IN

R SUM	REMARKS
R SUM	
R SUM	G-SCALE (AS PERCENTAGE OF TOTAL ROCK FRAGMENTS)
R SUM	
R SUM	KEY FLAGS (/L, 1-4) AND GENERAL FLAGS (/L, 2-4)
R SUM	
R SUM	KHWP HANGINGWALL PYRITE
R SUM	KHWL HANGINGWALL LIMESTONE
R SUM	KFWL FOOTWALL LIMESTONE
R SUM	KTCP CHALCOPYRITE MARKER, TOP
R SUM	KBCP CHALCOPYRITE MARKER, BOTTOM
R SUM	KHWT HANGINGWALL TUFF
R SUM	KFWT FOOTWALL TUFF
R SUM	KTBA TOP BANDED TUFF MARKER "A"
R SUM	KTBB BOTTOM BANDED TUFF MARKER "A"
R SUM	KWWF WESTWALL FAULT
R SUM	KWOB ROBER OR BLACK FAULT
R SUM	KC/G GRADATIONAL CONTACT
R SUM	KUC UPPER CONTACT
R SUM	KUC LOWER CONTACT
R SUM	KORE ORE HORIZON
R SUM	
R SUM	RHED REMARK, HEADER; PRINTED AT TOP OF GEOLIST
R SUM	RSUM REMARK, SUMMARY; PRINTED AT BOTTOM OF GEOLIST
R SUM	RASY REMARK, ASSAY FILE REMARKS
R SUM	
R SUM	TYPIFYING MINERALS TM1 (/28-29) TM2 (/30-31)

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

R SUM

CL CHLORITE

HE HEMATITE

CY CLAY

CR CARBONACEOUS MATERIAL ???

SI SILICA

PY PYRITE

## QUALIFYING MATERIALS QM1 (L32-34)

CA CALCAREOUS

BL BLEACHED

RB REBNECCIATED

## QUALIFYING MATERIALS QM2 (L32-34)

LP LAPILLI ( &lt; 20% )

## TEXTURES TX1 (L35-36), TX2 (L37-38), TX3 (L35-36), TX4 (L37-38)

BD BEDDED

BN BANDED

LM LAMINATED

G; GRADED

JL FLAME STRUCTURE

FO FOLIATION

SC SCHISTOSE

R SUM	SS	SLICKENSIDES
R SUM	SH	SHEARED
R SUM	GG	GOUGE
R SUM	ML	MILLED
R SUM	BP	BRECCIATED, PRIMARY
R SUM	BX	BRECCIATED
R SUM	VN	VEINED
R SUM	CM	CHILLED MARGIN
R SUM	KR	KRACKLE
R SUM	SS	SHEETING
R SUM	SK	STUCKWORK
R SUM	BW	BOXWORK
R SUM	VG	VUGGY
R SUM	VS	VESICULAR
R SUM	MX	MASSIVE
R SUM	PH	PHYLLITIC
R SUM	DI	DIABASIC
R SUM	GN	GNEISSIC
R SUM	PL	PLUTONIC
R SUM		
R SUM	VEINS	VEIN COUNT OF ACTUAL NUMBER INTERSECTED OVER 1 METRE
R SUM		INTERVAL, (743-44)
R SUM		
R SUM		VEIN THICKNESS IN. CM., CUMULATIVE THICKNESS OF VEINS
R SUM		OVER 1 METRE INTERVAL, (745-46)
R SUM		
R SUM		VEIN ANGLE TO LONG AXIS OF CORE

R SUM

R SUM

(L43) STEEP = 0-30 DEGREES, G-SCALE

R SUM

R SUM

(L44) MODERATE = 30-60 DEGREES, G-SCALE

R SUM

R SUM

(L45) LOW = 60-90 DEGREES, G-SCALE

R SUM

R SUM

(L46) TOTAL FRACTURE INTENSITY, F-SCALE

R SUM

R SUM

F-SCALE FOR FRACTURE INTENSITY

R SUM

R SUM

X SHATTERED

R SUM

9 EXTREMELY WELL FRACTURED

R SUM

8 VERY WELL FRACTURED

R SUM

7 WELL FRACTURED

R SUM

6 FAIRLY WELL FRACTURED

R SUM

5 MODERATELY FRACTURED

R SUM

4 FAIRLY LIGHTLY FRACTURED

R SUM

3 LIGHTLY FRACTURED

R SUM

2 VERY LIGHTLY FRACTURED

R SUM

1 SLIGHTLY FRACTURED

R SUM

0 UNFRACTURED

R SUM

R SUM

VEIN THICKNESS AVERAGE (/48)

R SUM

R SUM

T-SCALE

R SUM

R SUM	9	EXTREMELY THICK	>20 M
R SUM	8	VERY THICK	<20 M
R SUM	7	THICK BEDDED	< 6 M
R SUM	6	MEDIUM-THICK	< 2 M
R SUM	5	MEDIUM BEDDED	<60 CM
R SUM	4	MEDIUM-THIN	<20 CM
R SUM	3	THIN BEDDED	< 6 CM
R SUM	2	VERY THIN	< 2 CM
R SUM	1	LAMINATED	<.6 CM
R SUM	0	THINLY LAMINAR	<.2 CM

## STRUCTURE IDENTITY (/49-50), (L49-50)

R SUM	FZ	FAULT-FRACTURE ZONE
R SUM	FC	FAULT CONTACT
R SUM	F/	FRACTURE
R SUM	BD	BEDDING
R SUM	BN	BANDED
R SUM	LM	LAMINATION
R SUM	FO	FOLIATION
R SUM	SH	SHEAR
R SUM	SS	SLICKENSIDES
R SUM	VN	VEIN, UNDIFFERENTIATED
R SUM	QV	QUARTZ VEIN
R SUM	CV	CALCITE VEIN
R SUM	DV	DOLOMITE VEIN
R SUM	GA	QUARTZ - FE - CARBONATE

R SUM	QC	QUARTZ - CALCITE VEIN
R SUM	CG	CALCITE - QUARTZ VEIN
R SUM	QD	QUARTZ - DOLOMITE VEIN
R SUM	DG	DOLOMITE - QUARTZ VEIN
R SUM	CD	CALCITE - DOLOMITE VEIN
R SUM	DC	DOLOMITE - CALCITE VEIN
R SUM	SV	SULPHIDE VEIN
R SUM	C/	CONTACT
R SUM	UC	UPPER CONTACT
R SUM	LC	LOWER CONTACT
R SUM	D/	DYKE CONTACT
R SUM	CM	CHILLED MARGIN

R SUM

R SUM ALTERATION AND ORE MINERALS (L57-76), (L57-76)

R SUM

R SUM	QZ	QUARTZ
R SUM	CA	CALCITE
R SUM	AK	ANKERITE, FE - CARBONATE, OR FERROAN DOLOMITE
R SUM	CL	CHLORITE
R SUM	GY	GYPSUM
R SUM	MU	SERICITE/MUSCOVITE
R SUM	DO	DOLOMITE
R SUM	CY	CLAY
R SUM	TA	TALC
R SUM	KA	KAOLINITE
R SUM	PP	PYROPHYLLITE
R SUM	FU	FUCHSITE

R SUM	HE	HEMATITE
R SUM	AR	ARAGONITE
R SUM	GF	GRAPHITE
R SUM	PY	PYRITE
R SUM	CP	CHALCOPYRITE
R SUM	LI	LIMONITE
R SUM	JA	JAROSITE
R SUM	SC	SCORODITE
R SUM	FS	FINE SULPHIDES
R SUM	AS	ARSENOPYRITE
R SUM	GO	GOETHITE
R SUM	PL	HYROLUSITE
R SUM	MA	MALACHITE
R SUM	PO	PYRRHOTITE
R SUM	IL	ILMENITE
R SUM		
R SUM	X3	PALE PINK MINERAL
R SUM		
R SUM	X5	BRIGHT BLUE MINERAL, PHOSPHATE-OXIDE, VIVIANITE ?
R SUM		
R SUM	X6	BLACK, FINE MATERIAL, PROBABLY CHLORITE
R SUM		
R SUM		HOW OF ALTERATION AND ORE MINERALS (FIRST COL. UNDER DEFAULT)
R SUM		
R SUM		H-SCALE, DOMINANT SINGLE MODE
R SUM		
R SUM	A	AMYGDULES, CAVITY FILLINGS



R SUM	B	BLEBS
R SUM	#	BRECCIA/MATRIX FILLINGS
R SUM	C	COATINGS
R SUM	*	CLASTS
R SUM	D	DISSEMINATIONS AND SCATTERED CRYSTALS
R SUM	E	ENVELOPES
R SUM	F	FRAMEWORK CRYSTALS
R SUM	G	GOUGE
R SUM	H	REPLACED PHENOCRYSTS
R SUM	I	EYES, AUGEN
R SUM	J	INTERSTITIAL
R SUM	K	STOCKWORK
R SUM	L	LAMINATIONS/BEDDED
R SUM	M	MASSIVE
R SUM	N	NODULES
R SUM	O	SPOTS
R SUM	P	PERVASIVE
R SUM	Q	PATCHES (AS IN QUILTS)
R SUM	R	ROSETTES AND CRYSTAL CLUSTERS
R SUM	S	SELVAGES
R SUM	S	SHEETING
R SUM	T	STAININGS (AS IN TARNISH)
R SUM	U	EUHEDRAL CRYSTALS
R SUM	V	VEINS
R SUM	>	MACRO-VEINS
R SUM	<	MICRO-VEINS, FRACTURES
R SUM	W	BOXWORK

R SUM

R SUM

H-SCALE, COMBINATION MODE

R SUM

R SUM

0 FRESH ROCK

R SUM

1 A, MINOR &gt;, AND/OR D

R SUM

2 &gt; AND V

R SUM

3 V AND D OR U

R SUM

4 V, OCCASIONALLY WITH E

R SUM

5 V, OFTEN WITH ABUNDANT E

R SUM

6 P OR D LESS THAN V, &lt;, S AND E

R SUM

7 P OR D EQUAL TO V; &lt;, S AND E

R SUM

8 P OR D GREATER THAN V, &lt;, S AND E

R SUM

9 P OR D, &lt; AND V, S AND E WITH #, K AND/OR S

R SUM

X M AND/OR L

R SUM

R SUM

AMOUNT OF ALTERATION AND GRE MINERAL (SECOND COL. UNDER DEFAULT)

R SUM

R SUM

G-SCALE (GRADE IN PERCENT)

R SUM

R SUM

? POSSIBLY PRESENT

R SUM

/ PROBABLY PRESENT

R SUM

0 0.00% - 0.01%

R SUM

. 0.01% - 0.03%

R SUM

- 0.03% - 0.1%

R SUM

( 0.1% - 0.3%

R SUM

\* 0.3% - 1.0%

R SUM

) 1.0% - 2.5%

R SUM	+	2.5%	-	5.0%
R SUM	=	5.0%	-	10%
R SUM	1	10%	-	20%
R SUM	2	20%	-	30%
R SUM	3	30%	-	40%
R SUM	4	40%	-	50%
R SUM	5	50%	-	60%
R SUM	6	60%	-	70%
R SUM	7	70%	-	80%
R SUM	8	80%	-	90%
R SUM	9	90%	-	99%
R SUM	X	100%		

R SUM

R SUM A-SCALE FOR SILICATE ALTERATION FACIES (/77)

R SUM ( USED ONLY FOR HOLES 1 TO 30 INCLUSIVE )

R SUM

R SUM 0 UNALTERED

R SUM 1 CHLORITE, DOLOMITE, QUARTZ VEINS

R SUM 2 SILICIFICATION, BRECCIATION, STOCKWORK, BLEACHED

R SUM 3 SILICA CAP

R SUM 4 MONTMORILLONITE, QUARTZ

R SUM 5 SERICITE, GYPSUM, DOLOMITE, SILICIFICATION

R SUM BRECCIATION AND STOCKWORK

R SUM 6 FELDSPAR, CHLORITE, QUARTZ

R SUM

R SUM M2-SCALE FOR STRUCTURAL SUMMARY (/77)

R SUM ( USED FOR HOLES 31 TO 86 INCLUSIVE )

R SUM		
R SUM	0	BRECCIATION, SHEARING, AND GOUGE NOT PRESENT,
R SUM		MINOR FRACTURES
R SUM	1	FRACTURING, MINOR GOUGE, MINOR BRECCIATION
R SUM	2	BRECCIATION, GOUGE PRESENT
R SUM		
R SUM		M3-SCALE FOR ALTERATION FACIES (L77)
R SUM		( USED FOR HOLES 31 TO 86 INCLUSIVE )
R SUM		
R SUM	0	UNALTERED TUFF PACKAGE OR LMST
R SUM	1	TUFF PACKAGE - < 1% CARBONATE VEINS, NO BLEACHING
R SUM		LMST - DOLOMITIZED
R SUM	2	TUFF PACKAGE - > 1% CARBONATE VEINS, BLEACHED
R SUM		LMST - SILICIFIED
R SUM		
R SUM		M-SCALE FOR METALLIC MINERAL FACIES (/79)
R SUM		( USED ONLY FOR HOLES 1 TO 30 INCLUSIVE )
R SUM		
R SUM	0	UNMINERALIZED
R SUM	1	HEMATITE, PYRITE, DISSEMINATED
R SUM	2	PYRITE, IN VEINS, PATCHES, AND DISSEMINATIONS
R SUM	3	BARREN
R SUM	4	FLUORITE, REALGAR, ORPIMENT, TETRAHEDRITE,
R SUM		STIBNITE
R SUM	5	DISSEMINATED PYRITE, FINE GRAIN SULPHIDES,
R SUM		GOLD SILVER
R SUM	6	PYRITE, GALENA, SPHALERITE

R SUM 7 PYRITE, CHALCOPYRITE, PYRRHOTITE

R SUM

R SUM N-SCALE FOR INTENSITY OF FACIES (78, 780, L78)

R SUM

R SUM 0 ABSENT

R SUM 1 TRACE

R SUM 2 VERY LOW

R SUM 3 LOW

R SUM 4 FAIRLY LOW

R SUM 5 MODERATE

R SUM 6 FAIRLY HIGH

R SUM 7 HIGH

R SUM 8 VERY HIGH

R SUM 9 EXTREMELY HIGH

R SUM X EXCEPTIONALLY HIGH



K E Y	F R O M	T O	I N T R E C E V	M D %	R O C K	T M	T M	Q M1	T X	T X	F C	%	M	V N T K	R I	1	I D	A Z M	D I P	Q Z	C A	A K	C L	G Y	X X	P Y	C P	L I	Y Y	S I				
Y	G		R O D	V U G	Q T	D O	L C	C R	Q M2	T X	T X	S	R	S	O	S M L F	2	I D	A Z M	D I P	M U	D O	C Y	F U	H E	H A	J A	S C	F S	H A	F I			
R	16.66	38.40																																
R	16.66	38.40																																
R	16.66	38.40																																
/	38.40	62.68	24.28	95.0	SI	LMST				BX	1	2	3	5.2	P																			
L				40.0			YU							4248	P																			
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																
R	38.40	62.68																																





K F F R D M - T O - I N T	RECOV	MD %	ROCK	TM	TM	QM1	TX	TX	F C %	M	VNTK	RI	1	ID	AZM	DIP	GZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I			
E -L- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -			
Y G	R G D	VUG	QT	DO	LC	CR	QM2	TX	TX	S	R	S	O	SMLF	2	ID	AZM	DIP	MU	DO	CY	FU	HE	HA	JA	SC	FS	HA	F	I	
R	127.50	131.14	SOME PARTS ARE ONLY BRECCIATED.																												
R	127.50	131.14	0.3% CALCITE VEINLETS.																												
R	127.50	131.14	0.3% HEMATITE FRACTURES IN LOWER HALF OF INTERVAL.																												
R	127.50	131.14	OTHER FRAGMENTS ARE LIMESTONE, SOME PARTIALLY SILICIFIED.																												
/	131.14	136.07	4.93	100.0	SI	LMST		BX	1	2	3	5.2	P	LC	60	P6	<(											P*	2	4	
L				57.0		T						5414	P					G*		<(									2	6	
R	131.14	136.07	PARTIALLY BRECCIATED.																												
R	131.14	136.07	UPPER PART OF INTERVAL HAS THREE CALCAREOUS/LIMONITIC CLAYEY																												
R	131.14	136.07	LAYERS AT 50-60 DEG.																												
/	133.50	135.06	1.56		CA	X	8XSL			0	5	8	8	5.5	R			P4	P5									P)			
L						X	T			2	1	5	C	6223	R																
R	133.50	135.06	QUARTZ FRAGMENTS ARE SILICIFIED LIMESTONE.																												
/	136.07	161.54	25.47	100.0	SI	LMST			1	2	3	75	4	P			P2	K+										D-	<*	1	2
L				71.0		TW						3433	P					G(		<-										2	2
R	136.07	161.54	MINOR BRECCIATION AND SHEARING.																												
R	136.07	161.54	LIMONITE OCCURS IN VEINLETS, FRACTURES AND PERVASIVE.																												
R	136.07	161.54	PYRITE IS DISSEMINATED AND IN FRACTURES.																												
/	143.74	156.27	12.53		SI	X	LMST		1	2	3	75	4	R			P2	K+										D-	<*	1	2
L				71.0		SA						3433	D					G(		<-										2	2
R	143.74	156.27	WEAK, DISRUPTED LAMINATIONS, SOME AT 0-30 DEG.																												
R SUM	T-56 WAS DRILLED TO A TOTAL DEPTH OF 161.54 METRES. TRICONED																														
R SUM	TO 1.37 METRES. THE DIP AT THE COLLAR WAS -57.0 DEG. FROM 1.37																														
R SUM	TO 16.66M IS A WEAKLY SILICIFIED LIMESTONE. BETWEEN 11.36M AND																														
R SUM	15.55M IS A LIMONITIC ALTERED FELSIC DYKE ? "2" WITH 1MM																														
R SUM	FELDSPAR SHAPED ALTERED CRYSTALS. A BRECCIA WITH MAINLY																														
R SUM	LIMESTONE FRAGMENTS OCCURS BETWEEN 16.66 AND 38.40M. BETWEEN																														
R SUM	38.40 AND 62.68M IS A HIGHLY SILICIFIED AND BRECCIATED																														
R SUM	LIMESTONE. FROM 62.68 TO 115.20M IS A PARTIALLY SILICIFIED																														
R SUM	LIMESTONE WITH ABUNDANT FRACTURE ZONES REDUCED TO SAND AND																														
R SUM	CLAY. BETWEEN 115.20 AND 136.07M ARE SILICIFIED LIMESTONE																														
R SUM	BRECCIAS WITH FRACTURING AND FAULTING DOWN TO 127.50M. FROM																														
R SUM	136.07M TO THE END OF THE HOLE AT 161.54 METRES IS A WEAKLY																														

G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH056 --- (CONTINUED)

PAGE - 5

R S U M

SILICIFIED LIMESTONE.

*Temple*

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	1.37	3.36	90.00	11101E	0.9	0.1
A 001	3.36	5.36	95.00	11102E		
A 001	5.36	7.36	95.00	11103E	1.3	0.1
A 001	7.36	9.36	85.00	11104E	0.5	0.1
A 001	9.36	11.36	100.00	11105E		
A 001	11.36	13.45	100.00	11106E	0.3	0.1
A 001	13.45	15.55	100.00	11107E		
A 001	15.55	16.66	100.00	11108E	0.3	0.1
A 001	16.66	18.40	100.00	11109E		
A 001	18.40	20.40	100.00	11110E	0.6	0.1
A 001	20.40	22.40	100.00	11111E		
A 001	22.40	24.40	100.00	11112E	0.3	0.1
A 001	24.40	26.40	100.00	11113E		
A 001	26.40	28.40	100.00	11114E	0.4	0.1
A 001	28.40	30.40	100.00	11115E		
A 001	30.40	32.40	100.00	11116E	0.7	0.1
A 001	32.40	34.40	100.00	11117E		
A 001	34.40	36.40	100.00	11118E	0.6	0.1
A 001	36.40	38.40	100.00	11119E	0.3	0.1
A 001	38.40	39.17	100.00	11120E	0.3	0.1
A 001	39.17	40.90	100.00	11121E		
A 001	40.90	42.90	95.00	11122E	0.8	0.1
A 001	42.90	44.90	90.00	11123E		
A 001	44.90	46.90	85.00	11124E	0.3	0.1
A 001	46.90	48.90	95.00	11125E		
A 001	48.90	50.90	90.00	11126E	0.3	0.1
A 001	50.90	52.90	95.00	11127E		
A 001	52.90	54.90	95.00	11128E	1.3	0.1
A 001	54.90	56.90	100.00	11129E		
A 001	56.90	58.90	95.00	11130E	1.0	0.1
A 001	58.90	60.90	100.00	11131E		
A 001	60.90	62.68	100.00	11132E	1.0	0.1
A 001	62.68	64.50	100.00	11133E		
A 001	64.50	66.22	100.00	11134E	0.3	0.1
A 001	66.22	67.73	100.00	11135E		
A 001	67.73	69.73	100.00	11136E	0.3	0.1
A 001	69.73	71.73	100.00	11137E		
A 001	71.73	73.73	95.00	11138E	0.3	0.1
A 001	73.73	75.73	95.00	11139E		
A 001	75.73	77.73	100.00	11140E	0.3	0.1
A 001	77.73	79.73	100.00	11141E		
A 001	79.73	81.73	100.00	11142E	0.4	0.1
A 001	81.73	83.73	100.00	11143E		
A 001	83.73	85.73	100.00	11144E	0.7	0.1
A 001	85.73	87.73	95.00	11145E		
A 001	87.73	89.73	95.00	11146E	0.3	0.1
A 001	89.73	91.73	100.00	11147E		

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	91.73	93.73	100.00	11148E	0.6	0.1
A 001	93.73	95.73	95.00	11149E		
A 001	95.73	97.73	100.00	11150E	0.4	0.1
A 001	97.73	99.73	100.00	11151E	1.3	0.1
A 001	99.73	101.73	100.00	11152E	0.3	0.1
A 001	101.73	103.73	100.00	11153E	1.3	0.1
A 001	103.73	105.73	100.00	11154E	0.3	0.1
A 001	105.73	107.73	100.00	11155E	3.0	1.0
A 001	107.73	109.73	95.00	11156E	1.7	0.1
A 001	109.73	111.73	100.00	11157E	4.1	0.1
A 001	111.73	113.73	100.00	11158E	1.7	0.1
A 001	113.73	115.20	100.00	11159E		
A 001	115.20	116.40	100.00	11160E	1.1	0.1
A 001	116.40	117.60	100.00	11161E		
A 001	117.60	118.75	95.00	11162E	1.2	0.1
A 001	118.75	119.75	100.00	11163E		
A 001	119.75	120.75	100.00	11164E	0.8	0.1
A 001	120.75	121.64	100.00	11165E	1.8	0.1
A 001	121.64	122.84	100.00	11166E	1.0	0.2
A 001	122.84	124.04	100.00	11167E	1.3	0.1
A 001	124.04	125.24	95.00	11168E	0.9	0.1
A 001	125.24	126.44	100.00	11169E	1.2	0.1
A 001	126.44	127.50	95.00	11170E	1.1	0.1
A 001	127.50	128.70	95.00	11171E	1.9	1.4
A 001	128.70	129.90	100.00	11172E	0.6	2.0
A 001	129.90	131.14	100.00	11173E	2.5	0.9
A 001	131.14	132.20	100.00	11174E	1.3	0.1
A 001	132.20	133.50	100.00	11175E		
A 001	133.50	135.06	100.00	11176E	0.3	0.1
A 001	135.06	136.07	100.00	11177E	0.6	0.1
A 001	136.07	137.75	95.00	11178E	0.3	0.1
A 001	137.75	139.75	100.00	11179E	0.3	0.1
A 001	139.75	141.75	100.00	11180E	0.6	0.1
A 001	141.75	143.74	100.00	11181E		
A 001	143.74	145.75	100.00	11182E	0.3	0.1
A 001	145.75	147.85	100.00	11183E		
A 001	147.85	149.95	100.00	11184E	0.6	0.1
A 001	149.95	152.05	95.00	11185E		
A 001	152.05	154.15	100.00	11186E	0.3	0.1
A 001	154.15	156.27	100.00	11187E		
A 001	156.27	158.00	100.00	11188E	1.0	0.1
A 001	158.00	159.75	95.00	11189E		
A 001	159.75	161.54	95.00	11190E	0.4	0.1

## G E O L O G

 CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH056 --- (CONTINUED)

PAGE - 8

R ASY 0.00 0.01 THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY

A UMM	FROM	TO	RECOV	RECOV
A 002	0.00	1.37	0.00	0.0
A 002	1.37	2.59	0.00	80.0
A 002	2.59	3.35	0.00	100.0
A 002	3.35	4.57	0.00	100.0
A 002	4.57	5.79	0.00	90.0
A 002	5.79	7.32	0.00	95.0
A 002	7.32	7.93	0.00	90.0
A 002	7.93	9.45	0.00	85.0
A 002	9.45	10.97	0.00	105.0
A 002	10.97	12.50	0.00	100.0
A 002	12.50	14.02	0.00	100.0
A 002	14.02	15.55	0.00	105.0
A 002	15.55	17.07	0.00	100.0
A 002	17.07	18.59	0.00	100.0
A 002	18.59	20.12	0.00	105.0
A 002	20.12	21.64	0.00	100.0
A 002	21.64	23.16	0.00	100.0
A 002	23.16	24.69	0.00	100.0
A 002	24.69	26.21	0.00	100.0
A 002	26.21	27.74	0.00	100.0
A 002	27.74	29.26	0.00	100.0
A 002	29.26	30.78	0.00	100.0
A 002	30.78	32.31	0.00	100.0
A 002	32.31	33.83	0.00	100.0
A 002	33.83	35.36	0.00	100.0
A 002	35.36	36.88	0.00	100.0
A 002	36.88	38.40	0.00	100.0
A 002	38.40	39.93	0.00	100.0
A 002	39.93	41.45	0.00	100.0
A 002	41.45	42.98	0.00	95.0
A 002	42.98	44.50	0.00	90.0
A 002	44.50	46.02	0.00	90.0
A 002	46.02	47.55	0.00	80.0
A 002	47.55	49.07	0.00	100.0
A 002	49.07	50.60	0.00	85.0
A 002	50.60	52.12	0.00	95.0
A 002	52.12	53.64	0.00	90.0
A 002	53.64	55.17	0.00	100.0
A 002	55.17	56.69	0.00	100.0
A 002	56.69	58.22	0.00	95.0
A 002	58.22	59.74	0.00	100.0
A 002	59.74	61.26	0.00	100.0
A 002	61.26	62.79	0.00	100.0
A 002	62.79	64.31	0.00	100.0
A 002	64.31	65.84	0.00	100.0
A 002	65.84	67.36	0.00	100.0
A 002	67.36	68.88	0.00	100.0

A UMM	FROM	TO	RECOV	RECOV
A 002	68.88	70.41	0.00	100.0
A 002	70.41	71.93	0.00	100.0
A 002	71.93	73.46	0.00	95.0
A 002	73.46	74.98	0.00	90.0
A 002	74.98	76.50	0.00	100.0
A 002	76.50	78.03	0.00	100.0
A 002	78.03	79.55	0.00	100.0
A 002	79.55	81.08	0.00	100.0
A 002	81.08	82.60	0.00	95.0
A 002	82.60	84.12	0.00	100.0
A 002	84.12	85.65	0.00	100.0
A 002	85.65	87.17	0.00	100.0
A 002	87.17	88.70	0.00	90.0
A 002	88.70	90.22	0.00	100.0
A 002	90.22	91.74	0.00	100.0
A 002	91.74	93.27	0.00	100.0
A 002	93.27	94.79	0.00	95.0
A 002	94.79	96.32	0.00	100.0
A 002	96.32	97.84	0.00	100.0
A 002	97.84	99.36	0.00	100.0
A 002	99.36	100.89	0.00	100.0
A 002	100.89	102.41	0.00	100.0
A 002	102.41	103.94	0.00	100.0
A 002	103.94	105.46	0.00	100.0
A 002	105.46	106.98	0.00	100.0
A 002	106.98	108.51	0.00	95.0
A 002	108.51	110.03	0.00	95.0
A 002	110.03	111.56	0.00	100.0
A 002	111.56	113.08	0.00	100.0
A 002	113.08	114.60	0.00	100.0
A 002	114.60	116.13	0.00	100.0
A 002	116.13	117.65	0.00	100.0
A 002	117.65	119.18	0.00	95.0
A 002	119.18	120.70	0.00	100.0
A 002	120.70	122.22	0.00	100.0
A 002	122.22	123.75	0.00	100.0
A 002	123.75	125.27	0.00	95.0
A 002	125.27	126.80	0.00	100.0
A 002	126.80	128.32	0.00	95.0
A 002	128.32	129.84	0.00	100.0
A 002	129.84	131.37	0.00	100.0
A 002	131.37	132.89	0.00	100.0
A 002	132.89	134.42	0.00	100.0
A 002	134.42	135.94	0.00	100.0
A 002	135.94	137.46	0.00	95.0
A 002	137.46	138.99	0.00	100.0
A 002	138.99	140.51	0.00	100.0
A 002	140.51	142.04	0.00	100.0

## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH056 --- (CONTINUED)

PAGE - 10

A UMM	FROM	TO	RECOV	RECOV
A 002	142.04	143.56	0.00	100.0
A 002	143.56	145.08	0.00	100.0
A 002	145.08	146.61	0.00	100.0
A 002	146.61	148.13	0.00	100.0
A 002	148.13	149.66	0.00	100.0
A 002	149.66	151.18	0.00	95.0
A 002	151.18	152.70	0.00	100.0
A 002	152.70	154.23	0.00	100.0
A 002	154.23	155.75	0.00	100.0
A 002	155.75	157.28	0.00	100.0
A 002	157.28	158.80	0.00	95.0
A 002	158.80	160.32	0.00	95.0
A 002	160.32	161.54	0.00	95.0

G E O L O G E D I T L I S T I N G

S Y S T E M S E N G I N E E R I N G B Y  
I N T E R N A T I O N A L G E O S Y S T E M S C O R P .

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.

FORMAT VERSION : 6802

DRILLHOLE/TRaverse : T84DH058	COLLAR ELEVATION: 1947.73	AZIMUTH( DEG ) : 272.01	GEOLOGGED BY : EDT +
TOTAL DEPTH/LENGTH : 205.13	NORTHING(- IF S): 26227.92	VERTICAL ANGLE : -77.00	DATE (YY/MM/DD): 840715
CORE/HOLE DIAMETER : HQNG	EASTING (- IF W): 24575.50	CO-ORD SYSTEM : GRD	PROJECT NUMBER : M523

	SEQ. NO OF SURVEY DATA	FLAGS	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )															
	1	001	91.44	272.01	-75.50															
	2	002	205.13	272.01	-79.00															

F	- I N T E R V A L -	CORE T- %	TYPI- GAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY
K L	(UNITS = MT.2 DEC.PLACE)	RECOV- M M ROCK	FYING MIN	TURES CHARACS			H H H H H ANY H H H ANY	H H H H H ANY	STR
E A	(METRIC)	ERY O I	TM TM MAT	TX TX F C % M VNTK	/RI T ID STK DIP	A A A A A	A A A A A	A A A A A	- -
Y G	F R O M - T O - I N T (PC.1)	D X TYPE	1 2 GM1	1 2 F F C A NCM	1	AZM RT QZ CA AK CL GY XX PY CP LI YY S I			
-----									
K F		ROCK VUG QT DO	CR GM2 TX TX S R S O VADF		T ID STK DIP	MU DO CY FU HE HA JA SC FS HA ALT			
E L		QUAL GMM GG GG LC-H	3 4 G N H / PI		2	AZM RT H H H H H H H H H H H H			F I
Y G		DESIG	COL A	R D P C SMLF		STRUCTUR-2 A A A A A A A A A A			

/	0.00	0.61	0.61	0.0	CASN				P
R	0.00	0.61			REAMED CASING, NO CORE RECOVERED.				

/	0.61	11.30	10.69	92.0 SI	LMST	BX SK 1 3 7 75 5 P	P3 V=		Q+	2 X
L				37.1 *CA	TW	2 1 3 C 3437 P	G+	<=		2 X
R	0.61	11.30		PALE GREY TO TAN WHITE, MODERATELY Pervasively SILICIFIED Limestone. texture varies from strong calcite stockwork to strongly fractured with coarse fragments in gouge to breccia with calcareous matrix. pervasively limonitic fractures and gouge.						
R	0.61	11.30								
R	0.61	11.30								
R	0.61	11.30								

/	11.30	15.02	3.72	101.3 CY	BXLG	0 3 8 7 P	P3			P2 PL 2 X
L				16.9	2 8 UT	2 1 3 C 9 P	G5			D- 2 X
R	11.30	15.02		BRECCIA OF SILICIFIED Limestone AND felsic dyke-2 fragments in a limonitic clay-calcite matrix. 60% of fragment material is calcareous; 20% siliceous; 20% limonitic felsic dyke-2.						
R	11.30	15.02								
R	11.30	15.02								

/	15.02	21.87	6.85	98.5 SI	LMST	BX SK 1 3 7 60 5 P	Q2 V=			P= PL 2 6
L				74.6 *LI	OT	KR 3434 P	G)	G)		0.0. 2 2
R	15.02	21.87		PALE ORANGE TAN, pervasively limonitic limestone with minor siliceous patches and breccia fragments. crackle brecciated texture with several narrow sections of limestone and quartz in a limonitic clay-calcite matrix. trace of disseminated fine sulphides and pyrolusite. brown, limonitic felsic dyke-2 from:						
R	15.02	21.87								
R	15.02	21.87								
R	15.02	21.87								



K F F R O M - T O - I N T R E C O V	M D	%	R O C K	T M	T M	Q M 1	T X	T X	F C	%	M	V N T K	R I	1	I D	A Z M	D I P	Q Z	C A	A K	C L	G Y	X X	P Y	C P	L I	Y Y	S I						
E - L -	Y G	R Q D	V U G	Q T	D O	L C	C R	G M 2	T X	T X	S R	S O	S M L F	2	I D	A Z M	D I P	M U	D O	C Y	F U	H E	H A	J A	S C	F S	H A	F I						
R	15.02	21.87	17.65	T	17.90M.	ABRUPT LOWER CONTACT.																												
/	21.87	33.08	11.21	99.2	LMST		BX	2	3	4		P						Q1	V+											Q)	1 X			
L				68.5	(LI		TW					3434	P						G*		<	(								2 2				
R	21.87	33.08	MOSTLY WHITE LIMESTONE WITH SCATTERED TAN COLOURED LIMONITIC																															
R	21.87	33.08	PATCHES AND ENVELOPES. LOCAL LIGHT GREY SILICEOUS PATCHES ARE																															
R	21.87	33.08	STRONGLY BRECCIATED, SOME WITH A PALE ORANGE, CALCAREOUS																															
R	21.87	33.08	MATRIX, AS COMPARED TO THE LIMESTONE WHICH APPEARS RELATIVELY																															
R	21.87	33.08	UNBRECCIATED. LMST. PROBABLY RECRYSTALLIZED.																															
/	28.10	33.08	4.98	SI X	LMST			1	3	3		R						Q3	V1											Q*				
L				*LI								3435	R						G+		<	*												
R	28.10	33.08	SAME AS ABOVE, BUT WITH MORE LIMONITIC BRECCIATED PATCHES WITH																															
R	28.10	33.08	SILICEOUS FRAGMENTS IN AN ORANGE-TAN CLAY-CALCITE MATRIX.																															
/	33.08	69.02	35.94	96.9	CA	BXQL		SK	KR	0	6	8	7					P													Q1	2 X		
L				54.9	*	7	3	UA				2	1	3	C				P												Q4	2 X		
R	33.08	69.02	EXTENSIVE ZONE OF BRECCIA AND BRECCIATED SILICIFIED LIMESTONE																															
R	33.08	69.02	WITH LIMONITIC MATRICES OF CALCITE AND CLAY GOUGE. COMMON																															
R	33.08	69.02	CALCITE STOCKWORK IN BRECCIA FRAGMENTS AND NON-BRECCIA ZONES.																															
R	33.08	69.02	FRAGMENTS ARE OF BROKEN AND MILLED SILICIFIED LIMESTONE WHICH																															
R	33.08	69.02	HAVE BEEN REDUCED TO PEBBLE, SAND AND SILT-SIZED MATERIAL BY																															
R	33.08	69.02	INTENSE FRACTURING. 51.75 TO 53.33: CRACKLE BRECCIATED																															
R	33.08	69.02	SILICIFIED LIMESTONE WITH A PINK TO WHITE, COARSE CALCITE																															
R	33.08	69.02	STOCKWORK.																															
R	33.08	69.02	SCATTERED TALCOSE AND CHLORITIC CLASTS FROM 60.78 TO 69.02M.																															
/	41.10	41.52	0.42	CY X	BXSL		SK	KR	0	6	8	7						R														Q1	2 X	
L				54.9	*	6	4	UA				2	1	3	C				P													Q5	2 X	
R	41.10	41.52	BRECCIA OF SILICIFIED LIMESTONE AND FELSIC DYKE-2 IN A																															
R	41.10	41.52	LIMONITIC CLAY MATRIX. THE FELSIC DYKE MATERIAL MAKES UP 30%																															
R	41.10	41.52	OF THE FRAGMENTS AND OCCURS PREDOMINANTLY FROM 41.4 TO 41.52M.																															
R	41.10	41.52	THIS PALE GREEN DYKE: IS NON-CALCAREOUS; MODERATELY LIMONITIC;																															
R	41.10	41.52	HAS BRIGHT GREEN CHLORITE BLEBS; DOES NOT STAIN WITH																															
R	41.10	41.52	FERROCYANIDE; HAS A TRACE OF DISSEMINATED FINE SULPHIDES; HAS NO																															
R	41.10	41.52	QUARTZ EYES; IS SOFT AND CLAY-ALTERED.																															
R	41.10	41.52	60% OF THE FRAGMENTS ARE SILICIFIED LIMESTONE; 10% ARE																															
R	41.10	41.52	CALCAREOUS.																															
/	41.52	50.40	8.88	CA X	BXQL		SK	KR	0	6	8	7						R															Q5	2 X
L				54.9	*	7	3	UA				2	1	3	C				P														Q4	2 X
R	41.52	50.40	SAME AS MAIN INTERVAL, BUT WITH .5% OF FRAGMENTS OF PALE GREEN																															
R	41.52	50.40	TO BROWN, OFTEN CHLORITIC, SOMETIMES LIMONITIC, SOMETIMES																															
R	41.52	50.40	CALCAREOUS, CLAY-ALTERED, FELSIC DYKE-2.																															
/	50.40	50.95	0.55	X	D/F2		BX	SH	0	4	5							R															Q2	PL
L												8	R						P1														Q)	PL
R	50.40	50.95	BROWN, LIMONITIC, CALCAREOUS, BRECCIATED FELSIC DYKE-2 WITH 5%																															

K E Y	F R O M	T O	I N T R O D U C T I O N	RECOV	MD %	ROCK	TM	TM	GM1	TX	TX	F	C	%	M	VNTK	RI	1	ID	AZM	DIP	GZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I	
Y	G		R	Q	D	VUG	QT	DO	LC	CR	QM2	TX	TX	S	R	S	O	SMLF	2	ID	AZM	DIP	MU	DO	CY	FU	HE	HA	JA	SC	FS	HA	F	I
R	50.40	50.95				PALE BROWN TALC IN A SHEARED PATCH. 20% SILICEOUS FRAGMENTS.																												
R	50.40	50.95				.3% DENDRITIC, BLACK PYROLUSITE. .1% DISSEMINATED HEMATITE.																												
R	50.40	50.95				ABRUPT, IRREGULAR CONTACTS.																												
/	58.56	59.78	1.22			CA	X	BXQL			SK	KR	0	6	8	7						P9	*		TA			Q=		2	X			
L						54.9	*	6	4	UA			2	1	3	C		7	D			G=	<=	*	(			D.		2	X			
R	58.56	59.78				SIMILAR TO MAIN INTERVAL, BUT WITH 5% FRAGMENTS OF																												
R	58.56	59.78				GREEN-WHITE TALC.																												
/	59.78	60.78	1.00			CY	X	BXQL			SK	KR	0	6	7	7						Q3	*		TA			Q1		2	X			
L						54.9	*	7	3	TU			2	1	3	C		9	D			G5	<=	G1			D.		2	X				
R	59.78	60.78				70% OF FRAGMENTS ARE SILICIFIED LIMESTONE; 20% CALCAREOUS AND																												
R	59.78	60.78				10% TALC AND CHLORITIC FRAGMENTS IN A TALCOSE CLAY AND CALCITE																												
R	59.78	60.78				MATRIX.																												
/	69.02	115.91	46.89			70.1	SI	LMST			BX	BN	0	3		4	60	3	P		BN		70	P4	V+			Q*		2	4			
L						25.8	*CA		TW								3436	P				G+	<=	(					2	6				
R	69.02	115.91				WHITE TO TAN WHITE, MODERATELY PERVASIVELY SILICIFIED LIMESTONE																												
R	69.02	115.91				WITH STRONGLY FRACTURED ZONES OF SILT-SAND AND PEBBLE-SIZE																												
R	69.02	115.91				FRAGMENTS IN A LIMONITIC CLAY-CALCITE MATRIX, (TALCOSE																												
R	69.02	115.91				CLAY-CALCITE MATRIX AT 71.9M). LIMESTONE IS BANDED LOCALLY AND																												
R	69.02	115.91				SOMEWHAT BRECCIATED.																												
/	77.07	77.96	0.89			CY	X	BXTA			SH		0	5	6	7						Q3			TA									
L													2	1	3	C		X	R			G5			G2									
R	77.07	77.96				FAULT BRECCIA WITH 50% OF FRAGMENTS OF BROWN, GREEN, LIMONITIC																												
R	77.07	77.96				TALC; 30% OF FGMS. OF SILICIA (SILICIFIED LMST); 20% OF FGMS.																												
R	77.07	77.96				ARE CALCAREOUS. BROWN TAN MATRIX OF CALCAREOUS, TALCOSE CLAY																												
R	77.07	77.96				GOUGE. CONTACTS ARE SHARP AND IRREGULAR.																												
/	77.96	115.91	37.95			SI	7	LMST			BX	BN	0	3		4	60	3	R		2	BN		50	Q3	V+			TA		E(	2	4	
L						25.8	(CA		TW								3432	D				G+	<=	<.						2	6			
/	77.96	115.91	37.95					3	FAUL			BX	BN	0	5	8	7	60	3	R		BN		70	*4	P4			TA		Q*		2	4
L						25.8	*CA		TU								2	1	3	C	343X	0		G2	<=	G.					2	6		
R	77.96	115.91				INTERVAL OF WEAKLY TO MODERATELY SILICIFIED, BANDED LIMESTONE																												
R	77.96	115.91				WITH SEVERAL HIGHLY FRACTURED ZONES.																												
R	77.96	115.91				THE LIMESTONE IS VERY THINLY BEDDED AT 50 DEG WITH SECTIONS THAT																												
R	77.96	115.91				ARE RELATIVELY UNSILICIFIED AND SECTIONS THAT ARE PERVASIVELY																												
R	77.96	115.91				SILICIFIED AND SILICIFIED IN ALTERNATING BEDS. THE COMPETENT,																												
R	77.96	115.91				MOSTLY UNBRECCIATED AND RELATIVELY UNFRACTURED LIMESTONES																												
R	77.96	115.91				ALTERNATE WITH THE HIGHLY FRACTURED ZONES WHERE THE SILICIFIED																												
R	77.96	115.91				LIMESTONES HAVE BEEN REDUCED TO FRAGMENTS (PEBBLE, SAND, SILT																												
R	77.96	115.91				AND CLAY SIZE) THAT ARE IN A CLAY-CALCITE MATRIX. TRACES OF																												
R	77.96	115.91				TALCOSE VEINS AND TALCOSE GOUGE OCCUR IN BOTH UNITS.																												
R	77.96	115.91				86.80 TO 87.15: INTERLAMINATED LIMONITIC CARBONATE AND TALC.																												
R	77.96	115.91				FRACTURED ZONES AT: 80.4 TO 81.4; 82.0 TO 84.0; 85.3 TO 86.0;																												
R	77.96	115.91				86.3 TO 87.4; 87.8 TO 88.3; 88.8 TO 90.2; 91.9 TO 93.1; 95.1 TO																												

K	F	F	R	O	M	-	T	O	-	I	N	T	RECOV	MD	%	ROCK	TM	TM	GM1	TX	TX	F	C	%	M	VNTK	RI	1	ID	AZM	DIP	QZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I							
E	-	L	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Y	G												R	Q	D	VUG	GT	DO	LC	CR	QM2	TX	TX	S	R	S	O	SMLF	2	ID	AZM	DIP	MU	DO	CY	FU	HE	HA	JA	SC	FS	HA	F	I						

R 77.96 115.91 96.2; 102.3 TO 104.2; 107.3 TO 108.2. SEVERAL ZONES OF POOR  
 R 77.96 115.91 CORE RECOVERY, USUALLY IN FRACTURED ZONES. SEVERAL FRACTURE  
 R 77.96 115.91 ZONE CONTACTS ARE AT 50 DEG.

/ 115.91 121.00 5.09 87.0 D/F2 SH 0 5 6 20.5 P SH 50 < ) B+ TA P= PL 2 X  
 L 0.0 AU 3439 P G= < ) G. D( 2 X  
 R 115.91 121.00 GREY BROWN TO BROWN, CLAY ALTERED, PORPHYRITIC FELSIC DYKE-2,  
 R 115.91 121.00 WITH GREEN, CHLORITIC, LATH-SHAPED PHENOCRYSTS (AFTER  
 R 115.91 121.00 PLAGIOCLASE?) AND PERVASIVE LIMONTIE AND LOCAL LIMONITIC AND  
 R 115.91 121.00 HEMATITIC BANDING. SHEARED (AT 50 DEG) TEXTURE IN PLACES, 5%  
 R 115.91 121.00 GOUGE LOCALLY AND AT ABRUPT, IRREGULAR UPPER AND LOWER  
 R 115.91 121.00 CONTACTS. TRACE OF TALC IN THE GOUGE. .1% BLACK, DENDRITIC  
 R 115.91 121.00 PYROLUSITE.

/ 121.00 156.80 35.80 57.2 SI 5 LMST BX BN 1 3 4 45 3 P BN 50 Q6 V+ E\* 2 8  
 L 13.5 AT 3434 P LC 55 G+ < ( D( 2 6

/ 121.00 156.80 35.80 SI 5 FAUL SH BX 0 5 7 7 45 3 R BN 50 \*4 Q2 TA E+ 2 8  
 L 13.5 TU 2 1 3 C 343X D LC 55 G3 < ( G) 2 6  
 R 121.00 156.80 INTERVAL OF MODERATELY TO STRONGLY SILICIFIED LIMESTONE WITH  
 R 121.00 156.80 SEVERAL HIGHLY FRACTURED AND FAULTED ZONES.  
 R 121.00 156.80 THE SILICIFIED LIMESTONE IS GREY TAN, LOCALLY BANDED AT 50 DEG,  
 R 121.00 156.80 WEAKLY TO STRONGLY BRECCIATED, SILICIFICATION AND BRECCIATION  
 R 121.00 156.80 BECOMING STRONGER WITH DEPTH.  
 R 121.00 156.80 THE HIGHLY FRACTURED ZONES ARE SIMILAR TO THOSE THAT OCCUR FROM  
 R 121.00 156.80 77.96 TO 115.91 BUT ARE MORE SHEARED, AND HAVE MORE GOUGE, WITH  
 R 121.00 156.80 MANY ZONES OF VERY POOR CORE RECOVERY.  
 R 121.00 156.80 FAULTED INTERVAL FROM 142.9 TO 145.1M HAS BROWN WHITE TALCOSE  
 R 121.00 156.80 GOUGE. FAULT BRECCIA FROM 156.06 TO 156.80M.  
 R 121.00 156.80 FRACTURED ZONES AT: 121.00 TO 123.8; 132.1 TO 138.8; 142.9 TO  
 R 121.00 156.80 145.1; 148.2 TO 148.7; 152.8 TO 156.80M.  
 R 121.00 156.80 SHARP LOWER CONTACT AT 55 DEG.

/ 156.80 173.70 16.90 SI LMST BX SK 1 3 4 9910 P Q2 V1 V( Q) PL 2 4  
 L 28.9 ( AT 3436 P Q= G) Q\* D- 2 4  
 R 156.80 173.70 YELLOW TAN TO ORANGE TAN TO GREY TAN, WEAKLY SILICIFIED, WEAKLY  
 R 156.80 173.70 DOLOMITIZED, LIMESTONE. TEXTURE VARIES FROM STRONG, LIMONITIC,  
 R 156.80 173.70 CALCITE STOCKWORK TO STRONGLY BRECCIATED WITH A KHAKI YELLOW,  
 R 156.80 173.70 LIMONITIC, WEAKLY ANKERITIC, CALCAREOUS MATRIX. ROCK IS HIGHLY  
 R 156.80 173.70 FRACTURED LOCALLY. SCATTERED, DISSEMINATED DENDRITIC  
 R 156.80 173.70 PYROLUSITE.

/ 172.15 173.70 1.55 X FAUL SH 0 4 8 6 1010 R 1 SH 10 \*3 P2 Q) 2 X  
 L RU 2 3 3 C 91 X R LC 15 G2 Q1 <\* 2 6  
 R 172.15 173.70 YELLOW KHAKI TO RED BROWN, VERY STRONGLY SHEARED (AT 10 DEG),  
 R 172.15 173.70 FAULT BRECCIA OF SILICIFIED LIMESTONE IN CALCAREOUS GOUGE. .3%  
 R 172.15 173.70 BLACK FINE SULPHIDES ALONG NARROW IRREGULAR FRACTURES.  
 R 172.15 173.70 STRONGLY HEMATITIC, WITH COARSE CALCITE VEINS FROM 173.00 TO



R SUM INTERSECTED FROM 173.70 TO 175.40M. ALTHOUGH THIS UNIT DOES  
R SUM NOT APPEAR BLEACHED OR PYRITIC (AS DO THE TYPICAL TUFFS IN THE  
R SUM FLEECE BOWL TUFF PIP) IT MAY REPRESENT A SIMILAR IN-FAULTED  
R SUM BLOCK OF GREENSTONE.  
R SUM WEAKLY SILICIFIED DOLOMITE AND MODERATELY SILICIFIED LIMESTONE  
R SUM COMPLETE THE HOLE.



A U/M	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	0.61	2.13	70.00	11343E	1.2	0.1
A 001	2.13	4.00	90.00	11344E	0.3	0.1
A 001	4.00	6.00	90.00	11345E	0.3	0.1
A 001	6.00	8.00	95.00	11346E	0.4	0.1
A 001	8.00	10.00	100.00	11347E	0.3	0.1
A 001	10.00	11.30	105.00	11348E	0.7	0.1
A 001	11.30	13.46	100.00	11349E	0.3	0.1
A 001	13.46	15.02	100.00	11350E	0.6	0.1
A 001	15.02	16.50	95.00	11451E	0.8	0.1
A 001	16.50	17.90	100.00	11452E	0.5	0.1
A 001	17.90	19.23	95.00	11453E	0.5	0.1
A 001	19.23	20.55	95.00	11454E		
A 001	20.55	21.87	100.00	11455E	0.3	0.1
A 001	21.87	24.00	95.00	11456E		
A 001	24.00	26.00	100.00	11457E	0.3	0.1
A 001	26.00	28.10	100.00	11458E		
A 001	28.10	29.76	95.00	11459E	0.7	0.1
A 001	29.76	31.42	100.00	11460E		
A 001	31.42	33.08	100.00	11461E	0.8	0.1
A 001	33.08	35.00	95.00	11462E		
A 001	35.00	37.00	90.00	11463E	1.3	0.1
A 001	37.00	39.00	100.00	11464E		
A 001	39.00	40.00	100.00	11465E	1.1	0.1
A 001	40.00	41.10	100.00	11466E	0.7	0.1
A 001	41.10	41.52	100.00	11467E	0.3	0.1
A 001	41.52	43.40	90.00	11468E	0.3	0.1
A 001	43.40	45.15	100.00	11469E		
A 001	45.15	46.90	95.00	11470E	0.3	0.1
A 001	46.90	48.65	95.00	11471E		
A 001	48.65	50.40	95.00	11472E	0.5	0.1
A 001	50.40	50.95	100.00	11473E	1.1	0.1
A 001	50.95	52.85	95.00	11474E	0.3	0.1
A 001	52.85	54.75	95.00	11475E		
A 001	54.75	56.65	95.00	11476E	0.4	0.1
A 001	56.65	58.56	90.00	11477E		
A 001	58.56	59.78	100.00	11478E	0.3	0.1
A 001	59.78	60.78	100.00	11479E	1.0	0.1
A 001	60.78	62.43	100.00	11480E		
A 001	62.43	64.08	95.00	11481E	0.4	0.1
A 001	64.08	65.73	95.00	11482E		
A 001	65.73	67.38	95.00	11483E	0.3	0.1
A 001	67.38	69.02	100.00	11484E		
A 001	69.02	71.07	80.00	11485E	0.3	0.1
A 001	71.07	73.07	80.00	11486E		
A 001	73.07	75.07	85.00	11487E	0.3	0.1
A 001	75.07	77.07	80.00	11488E		
A 001	77.07	77.96	95.00	11489E	0.3	0.1

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	77.96	79.86	85.00	11490E		
A 001	79.86	81.38	95.00	11491E	3.2	0.1
A 001	81.38	82.91	75.00	11492E		
A 001	82.91	84.43	90.00	11493E	2.6	0.1
A 001	84.43	87.48	60.00	11494E	0.3	0.1
A 001	87.48	89.00	70.00	11496E	1.6	0.1
A 001	89.00	90.53	50.00	11497E	0.8	0.1
A 001	90.53	92.05	75.00	11498E		
A 001	92.05	93.57	90.00	11499E	1.0	0.1
A 001	93.57	95.10	50.00	11500E		
A 001	95.10	96.62	35.00	12001E	1.6	0.1
A 001	96.62	98.15	55.00	12002E		
A 001	98.15	99.67	45.00	12003E	0.4	0.1
A 001	99.67	101.19	35.00	12004E		
A 001	101.19	102.72	50.00	12005E	1.2	0.1
A 001	102.72	104.24	30.00	12006E		
A 001	104.24	105.77	90.00	12007E	0.3	0.1
A 001	105.77	107.29	80.00	12008E		
A 001	107.29	108.81	75.00	12009E	0.6	0.1
A 001	108.81	110.34	55.00	12010E		
A 001	110.34	111.86	80.00	12011E	1.0	0.1
A 001	111.86	113.39	70.00	12012E		
A 001	113.39	114.91	85.00	12013E	0.5	0.1
A 001	114.91	115.91	100.00	12014E	0.3	0.1
A 001	115.91	117.10	90.00	12015E	0.3	0.1
A 001	117.10	118.30	95.00	12016E	0.5	0.1
A 001	118.30	119.48	100.00	12017E	1.3	0.1
A 001	119.48	121.00	65.00	12018E	0.4	0.1
A 001	121.00	122.53	25.00	12019E	0.6	0.1
A 001	122.53	124.05	40.00	12020E		
A 001	124.05	126.34	95.00	12021E	0.6	0.1
A 001	126.34	128.63	100.00	12022E		
A 001	128.63	130.15	55.00	12023E	0.8	0.1
A 001	130.15	131.67	50.00	12024E		
A 001	131.67	133.20	25.00	12025E	0.7	0.1
A 001	133.20	134.72	10.00	12026E	0.9	0.1
A 001	134.72	136.25	10.00	12027E	1.0	0.1
A 001	136.25	137.77	5.00	12028E	0.3	0.1
A 001	137.77	138.99	45.00	12029E	0.6	0.1
A 001	138.99	140.51	60.00	12030E		
A 001	140.51	142.04	95.00	12031E	0.3	0.1
A 001	142.04	143.56	70.00	12032E		
A 001	143.56	145.08	65.00	12033E	0.3	0.1
A 001	145.08	146.43	50.00	12034E		
A 001	146.43	147.35	40.00	12035E	0.3	0.1
A 001	147.35	148.44	70.00	12036E		
A 001	148.44	149.96	85.00	12037E	0.4	0.1
A 001	149.96	151.49	95.00	12038E		

A UMM	FROM	TO	REC'D	SAMPLE	G/T AG	G/T AU
A 001	151.49	153.01	70.00	12039E	0.7	0.1
A 001	153.01	154.53	85.00	12040E		
A 001	154.53	156.06	50.00	12041E	0.3	0.1
A 001	156.06	156.80	95.00	12042E		
A 001	156.80	158.80	95.00	12043E	0.9	0.1
A 001	158.80	160.80	100.00	12044E		
A 001	160.80	162.80	95.00	12045E	0.5	0.1
A 001	162.80	164.80	85.00	12046E		
A 001	164.80	166.80	100.00	12047E	0.4	0.1
A 001	166.80	168.30	90.00	12048E		
A 001	168.30	169.80	90.00	12049E	0.3	0.1
A 001	169.80	171.30	100.00	12050E	0.6	0.1
A 001	171.30	172.15	85.00	12051E	0.6	0.1
A 001	172.15	173.00	85.00	12052E	0.5	0.1
A 001	173.00	173.70	90.00	12053E	1.1	0.1
A 001	173.70	174.55	100.00	12054E	1.0	0.1
A 001	174.55	175.40	100.00	12055E	1.3	0.1
A 001	175.40	176.40	95.00	12056E	0.8	0.1
A 001	176.40	178.27	90.00	12057E		
A 001	178.27	180.12	95.00	12058E	0.3	0.1
A 001	180.12	181.97	95.00	12059E		
A 001	181.97	183.50	100.00	12060E	1.0	0.1
A 001	183.50	185.50	95.00	12061E		
A 001	185.50	187.50	100.00	12062E	0.3	0.1
A 001	187.50	189.50	100.00	12063E		
A 001	189.50	191.50	100.00	12064E	0.3	0.1
A 001	191.50	193.50	100.00	12065E		
A 001	193.50	195.50	90.00	12066E	0.6	0.1
A 001	195.50	197.50	95.00	12067E		
A 001	197.50	199.50	95.00	12068E	0.3	0.1
A 001	199.50	201.50	95.00	12069E		
A 001	201.50	203.50	80.00	12070E	0.3	0.1
A 001	203.50	205.13	100.00	12071E		



CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH058 --- (CONTINUED)  
 THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY

G E O L O G

R ASY      0.00      0.01

A UMM	FROM	TO	RECOV	RECOV
A 002	0.00	0.61	0.00	0.0
A 002	0.61	2.13	0.00	70.0
A 002	2.13	3.35	0.00	95.0
A 002	3.35	5.18	0.00	85.0
A 002	5.18	6.71	0.00	100.0
A 002	6.71	8.23	0.00	90.0
A 002	8.23	9.75	0.00	100.0
A 002	9.75	11.28	0.00	105.0
A 002	11.28	12.80	0.00	100.0
A 002	12.80	14.32	0.00	105.0
A 002	14.32	15.85	0.00	95.0
A 002	15.85	17.37	0.00	100.0
A 002	17.37	18.90	0.00	100.0
A 002	18.90	20.42	0.00	95.0
A 002	20.42	21.95	0.00	100.0
A 002	21.95	23.47	0.00	95.0
A 002	23.47	24.99	0.00	100.0
A 002	24.99	26.52	0.00	100.0
A 002	26.52	28.04	0.00	100.0
A 002	28.04	29.57	0.00	95.0
A 002	29.57	31.09	0.00	105.0
A 002	31.09	32.61	0.00	100.0
A 002	32.61	34.14	0.00	100.0
A 002	34.14	35.66	0.00	95.0
A 002	35.66	37.19	0.00	90.0
A 002	37.19	38.71	0.00	100.0
A 002	38.71	40.23	0.00	100.0
A 002	40.23	41.76	0.00	100.0
A 002	41.76	43.28	0.00	90.0
A 002	43.28	44.81	0.00	100.0
A 002	44.81	46.33	0.00	95.0
A 002	46.33	47.85	0.00	100.0
A 002	47.85	49.38	0.00	90.0
A 002	49.38	50.90	0.00	100.0
A 002	50.90	52.43	0.00	95.0
A 002	52.43	53.95	0.00	100.0
A 002	53.95	55.47	0.00	90.0
A 002	55.47	57.00	0.00	100.0
A 002	57.00	58.52	0.00	90.0
A 002	58.52	60.05	0.00	100.0
A 002	60.05	61.57	0.00	100.0
A 002	61.57	63.09	0.00	100.0
A 002	63.09	64.62	0.00	95.0
A 002	64.62	66.14	0.00	100.0
A 002	66.14	67.67	0.00	95.0
A 002	67.67	69.19	0.00	105.0
A 002	69.19	70.71	0.00	80.0

A UMM	FROM	TO	RECOV	RECOV
A 002	70.71	72.24	0.00	65.0
A 002	72.24	73.76	0.00	80.0
A 002	73.76	75.29	0.00	90.0
A 002	75.29	76.81	0.00	80.0
A 002	76.81	78.33	0.00	95.0
A 002	78.33	79.86	0.00	75.0
A 002	79.86	81.38	0.00	95.0
A 002	81.38	82.91	0.00	75.0
A 002	82.91	83.82	0.00	80.0
A 002	83.82	84.43	0.00	105.0
A 002	84.43	85.95	0.00	65.0
A 002	85.95	87.48	0.00	60.0
A 002	87.48	89.00	0.00	70.0
A 002	89.00	90.53	0.00	50.0
A 002	90.53	92.05	0.00	75.0
A 002	92.05	93.57	0.00	90.0
A 002	93.57	95.10	0.00	50.0
A 002	95.10	96.62	0.00	35.0
A 002	96.62	98.15	0.00	55.0
A 002	98.15	99.67	0.00	45.0
A 002	99.67	101.19	0.00	35.0
A 002	101.19	102.72	0.00	50.0
A 002	102.72	104.24	0.00	30.0
A 002	104.24	105.77	0.00	90.0
A 002	105.77	107.29	0.00	80.0
A 002	107.29	108.81	0.00	75.0
A 002	108.81	110.34	0.00	55.0
A 002	110.34	111.86	0.00	80.0
A 002	111.86	113.39	0.00	70.0
A 002	113.39	114.91	0.00	85.0
A 002	114.91	116.43	0.00	100.0
A 002	116.43	117.96	0.00	90.0
A 002	117.96	119.48	0.00	100.0
A 002	119.48	121.01	0.00	65.0
A 002	121.01	122.53	0.00	25.0
A 002	122.53	124.05	0.00	40.0
A 002	124.05	125.58	0.00	90.0
A 002	125.58	127.10	0.00	105.0
A 002	127.10	128.63	0.00	100.0
A 002	128.63	130.15	0.00	55.0
A 002	130.15	131.67	0.00	50.0
A 002	131.67	133.20	0.00	25.0
A 002	133.20	134.72	0.00	10.0
A 002	134.72	136.25	0.00	10.0
A 002	136.25	137.77	0.00	5.0
A 002	137.77	138.99	0.00	45.0
A 002	138.99	140.51	0.00	60.0
A 002	140.51	142.04	0.00	95.0

## G E O L O G

 CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH058 --- (CONTINUED)

PAGE - 12

A UMM	FROM	TO	RECUV	RECUV
A 002	142.04	143.56	0.00	70.0
A 002	143.56	145.08	0.00	65.0
A 002	145.08	146.43	0.00	60.0
A 002	146.43	147.35	0.00	40.0
A 002	147.35	148.44	0.00	70.0
A 002	148.44	149.96	0.00	85.0
A 002	149.96	151.49	0.00	95.0
A 002	151.49	153.01	0.00	70.0
A 002	153.01	154.53	0.00	85.0
A 002	154.53	156.06	0.00	50.0
A 002	156.06	157.58	0.00	95.0
A 002	157.58	159.11	0.00	95.0
A 002	159.11	160.63	0.00	100.0
A 002	160.63	162.15	0.00	95.0
A 002	162.15	163.68	0.00	100.0
A 002	163.68	165.20	0.00	80.0
A 002	165.20	166.73	0.00	100.0
A 002	166.73	168.25	0.00	40.0
A 002	168.25	169.77	0.00	95.0
A 002	169.77	171.30	0.00	100.0
A 002	171.30	172.82	0.00	85.0
A 002	172.82	173.43	0.00	85.0
A 002	173.43	174.35	0.00	100.0
A 002	174.35	175.87	0.00	100.0
A 002	175.87	177.39	0.00	95.0
A 002	177.39	178.05	0.00	90.0
A 002	178.05	178.92	0.00	100.0
A 002	178.92	180.44	0.00	95.0
A 002	180.44	181.97	0.00	95.0
A 002	181.97	183.49	0.00	100.0
A 002	183.49	185.01	0.00	95.0
A 002	185.01	186.54	0.00	100.0
A 002	186.54	188.06	0.00	100.0
A 002	188.06	189.59	0.00	85.0
A 002	189.59	191.11	0.00	95.0
A 002	191.11	192.43	0.00	85.0
A 002	192.43	193.55	0.00	105.0
A 002	193.55	194.94	0.00	90.0
A 002	194.94	195.68	0.00	100.0
A 002	195.68	197.21	0.00	95.0
A 002	197.21	198.73	0.00	100.0
A 002	198.73	200.25	0.00	95.0
A 002	200.25	201.78	0.00	95.0
A 002	201.78	203.30	0.00	80.0
A 002	203.30	204.83	0.00	100.0
A 002	204.83	205.13	0.00	100.0









K F F R O M - T O - I N T R E C V	MD % R O C K	TM TM QM1 TX TX F C % M V N T K	R I 1 I D A Z M	D I P	Q Z C A A K C L G Y X X P Y C P L I Y Y S I					
E - L - Y G	R Q O	V U G Q T O O L C R Q M 2 T X T X S R S O S M L F	2 I D A Z M	D I P	M U D O C Y F U H E H A J A S C F S H A F I					
R	165.20	166.12	SHEARED TUFF IN A ZONE OF MOSTLY BLACK, CARBONACEOUS,							
R	165.20	166.12	CALCAREOUS SILTSTONE FRAGMENTS. BECOMING SILICIFIED TOWARDS							
R	165.20	166.12	THE END OF THE INTERVAL.							
/	166.12	197.84	31.72	95.0	SILT	CA/ LM 1 1 1 P 1 LM 40 06 <)		GF D=		1 5
L			21.4		( N CR FG SH 6 P 1 LM 65 <( G* << <( D( 2 1					
R	166.12	197.84	PREDOMINANTLY SILICIFIED, CALCAREOUS SILTSTONE. OCCASIONAL							
R	166.12	197.84	SHEAR ZONES. LAMINATIONS LOCALLY FOLIATED. SOME SMALL SCALE							
R	166.12	197.84	FOLDING. PRIMARY PY OCCURS AS BLEBS, DISSEMINATIONS AND							
R	166.12	197.84	STRINGERS ALONG LAMINATIONS. LIGHTER GREY BANDS OF LIMESTONE							
R	166.12	197.84	INTERBEDDED WITH SILTSTONE. CONTACT GRADATIONAL OVER LAST 5M.							
/	182.19	186.02	3.83		X SILT	CA/ KR 1 1 1 R 1 LM 40 06 K+		GF D=		1 5
L			21.4		( N CR FG SH 6 D 1 LM 65 <( G* << <( D( 2 1					
R	182.19	186.02	FINE CALCITE STOCKWORK LOCALLY APPROACHING A CRACKLE BRECCIA.							
/	192.93	197.84	4.91		X SILT	CA/ LM 1 3 3 R 1 LM 80 06 <)		GF D=		1 5
L			21.4		( N CR FG SH 7 D <( G* << <( D( 2 1					
R	192.93	197.84	SMALL SCALE FOLDING APPARENT, VERY FINE TO MED. GRAINED SILT							
R	192.93	197.84	LAYERS.							
/	197.84	237.36	39.52	100.0	SI LMST	LM 2 2 2 P 1 LM 80 P4 <)		GF D=		1 4
L			44.0		(CA 1A CR BX 6 P 1 LM 45 << <( D( 2 3					
R	197.84	237.36	BUFF BROWN VEINLETS AND LAMINATIONS GIVES A GOOD INDICATION OF							
R	197.84	237.36	WHERE THE CALCAREOUS SILTSTONE BECOMES A BLACK LAMINATED							
R	197.84	237.36	LIMESTONE. LOCALLY CALCITE VEINLETS APPROACH A STOCKWORK UP TO							
R	197.84	237.36	2.5%. MINOR BRECCIATION.							
/	205.70	208.03	2.33		SI X LMST	SK LM 2 2 2 R 1 LM 80 P4 K+		GF D=		1 4
L			44.0		(CA 1A CR SH BX 6 D 1 LM 45 V( G* <( D( 2 3					
R	205.70	208.03	LAMINATIONS ARE BECOMING OBSCURED BY THE CALCITE STOCKWORK.							
R	205.70	208.03	0.5% WHITE QUARTZ VEINS. SMALL CARBONACEOUS SHEAR ZONES 2-3CM							
R	205.70	208.03	WIDE.							
/	224.49	229.56	5.07		SI X LMST	SK LM 2 2 2 R P4 K+		GF D=		1 4
L			44.0		(CA 1A CR BX 6 D G( <( D( 2 3					
R	224.49	229.56	MOST OF THE LAMINATIONS ARE OBSCURED BY THE STOCKWORK. 0.5%							
R	224.49	229.56	WHITE AND LIGHT GREY QUARTZ VEINS.							
/	229.56	232.62	3.05		SI X LMST	SK LM 2 2 2 R 1 LM 80 P4 <)		GF D=		1 4
L			44.0		(CA 4A BX 6 P 1 LM 45 G) <( D( 2 3					
R	229.56	232.62	THIS INTERVAL IS FAULTED TOWARDS THE END FROM 231.97-232.45M							
/	232.62	233.60	0.98		X LMST	SK BX 2 2 2 R 9+ K)		<(		<
L					50 8 R << <( <					
R	232.62	233.60	LIMESTONE IS MED DRANGE TO PALE URANGISH GREY.							
/	233.60	235.04	1.44		SI X LMST	SK BX 1 2 2 R 02 K=		D*		D*
L					3A CR 2 <) <					



K E Y	F R O M	T O	I N T R E C O V	MD R Q D	% V U G	R O C K Q T	TM D U	TM L C	GM1 C R	TX G M2	TX T X	F S	C R	% S	M R	V N T K S O	RI 2	ID I D	A Z M A Z M	D I P D I P	Q Z M U	CA D O	AK C Y	CL F U	GY H E	XX H A	PY J A	CP S C	LI F S	YY H A	S I F I						
R	233.60	235.04																																			
R	233.60	235.04																																			
/	235.04	237.36	2.32			CA X	BXLS				1	L	4	N		R																					
L						1	=8	7A			GG	7	5	7	0	5	R																				
/	237.36	238.96	1.60	95.0		TUFF					SK	SH	1	2	2	P																					
L				22.0		GA										5	P																				
R	237.36	238.96																																			
R	237.36	238.96																																			
/	238.96	245.23	6.27	90.0	DO	LMST					SK	KR	2	2	2	P																					
L				52.0		GA										6	P																				
R	238.96	245.23																																			
R	238.96	245.23																																			
R	238.96	245.23																																			
/	245.23	256.34	11.11	100.0	SI	LMST					SK	KR	1	2	2	P																					
L				68.0	(CA	GA										4	P																				
R	245.23	256.34																																			
R	245.23	256.34																																			
R	245.23	256.34																																			
R	245.23	256.34																																			
/	256.34	270.57	14.23	100.0	SI	LMST					VN	BD	1	2	2	3601	P	2	BD		40	P4	V)														
L				70.0		SA										=94	P	2	BD		30																
R	256.34	270.57																																			
R	256.34	270.57																																			
R	256.34	270.57																																			
/	265.64	270.57	4.93			SI X	LMST				VN	BD	1	2	2	3601	R	2	BD		40	P4	V*														
L				70.0		YA										=94	D	2	BD		30																
/	270.57	315.70	45.13	100.0	SI	LMST					SK		1	2	2	P																					
L				48.7		4A										6	P																				
R	270.57	315.70																																			
R	270.57	315.70																																			
/	274.52	275.60	1.08			SI X	LMST				SK		1	2	2	R																					
L				48.7		GA										6	D																				
R	274.52	275.60																																			
R	274.52	275.60																																			
/	275.60	276.32	0.72			SI X	LMST				SK		1	2	2	R																					
L				48.7		SA										4	D																				

FAULTED OVER THE FIRST 18CM- GREY CLAY GOUGE WITH FINE SULPHIDES.

UPPER CONTACT IS FAULTED TO 237.60M, SHEARED TUFF AND GREY CLAY GOUGE, PY OCCURS AS BLEBS, DISSEMINATIONS, STRINGERS, VEINLETS AND SMALL PATCHES.

FIRST 40CM ARE GREY PARTIALLY SILICIFIED LIMESTONE FOLLOWED BY PERVASIVELY DOLOMITIZED LIMESTONE FROM YELLOWISH-ORANGE TO ORANGISH-RED TO LIGHT GREY. THE SILICIFIED PATCHES TEND TO BE DARK GREY. STOCKWORK LOCALLY APPROACHES A CRACKLE BRECCIA.

LIMESTONE SHOWS MINOR DOLOMITIZATION, SILICIFICATION IS PERVASIVE, CALCITE STOCKWORK IS WHITE, LOCALLY UP TO 5%. THE LIMESTONE VARIES FROM BROWNISH-GREY TO REDDISH-BROWN. WELL BRECCIATED ALONG CLAY SHEARS. REMNANT LAMINATIONS OCCASIONALLY OBSERVED.

PARTIALLY PERVASIVELY SILICIFIED. SOME BEDDING IS VISIBLE. PY ALSO OCCURS AS SMALL BLEBS AND STRINGERS. DARKER GREY LIMESTONE TENDS TO BE SILICIFIED COMPARED TO THE LIGHTER GREY.

PY OCCURS AS BLEBS, STRINGERS, VEINLETS AND DISSEMINATIONS. BEDDING IS OBSCURED, OCCASIONAL PY CUBES.

PALE WHITISH-ORANGISH-GREY. FINE SULPHIDES OCCUR IN CLAY SHEARS.



K F		FROM - TO -		I	NT	RECOV	MD	%	ROCK	TM	TM	GM1	TX	TX	F	C	%	M	VNTK	RI	1	ID	AZM	DIP	QZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I		
E		-L-		---				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Y		G		R	Q	D	VUG	QT	DO	LC	CR	GM2	TX	TX	S	R	S	D	SMLF	2	ID	AZM	DIP	MU	DU	CY	FU	HE	HA	JA	SC	FS	HA	F	I			

/		330.32	371.01	40.69		100.0	SI		LMST					SK BX 1	2			2		P	1	LM	65	P3	K+												<(	
L				41.0						3A										6	P	1	LM	40														D.
R		330.32	371.01						LAMINATIONS ARE LESS DISTINCT. PREDOMINANTLY DARK GREY WITH																													
R		330.32	371.01						PATCHES OF BUFF GREENISH-GREY LIMESTONE. LOCALLY BRECCIATED																													
R		330.32	371.01						FROM CALCITE VEINS.																													

/		338.55	371.01	32.46			SI X		LMST					SK BX 1	2			2		R	1	LM	65	P2	K+												<(
L				41.0						2A										6	D	1	LM	40	G+	G*											D.
R		338.55	371.01						LOCALLY SOME PATCHES OF BUFF-GREENISH GREY LIMESTONE. SOME																												
R		338.55	371.01						BRECCIATION FROM CALCITE VEINS. FOSSILIFEROUS, POSSIBLY																												
R		338.55	371.01						CRINIDS. A FEW PATCHES OF DOLOMITE.																												

/		371.01	387.71	16.70		100.0	SI		LMST					SK SH 1	2			2		P	1	LM	50	P2	K)												GF D-
L				60.0						1A	CR									6	P	1	LM	30				G)								<*	D(
R		371.01	387.71						VERY DARK GREY TO BLACK, PARTIALLY PERVASIVELY SILICIFIED																												
R		371.01	387.71						LIMESTONE. FOSSILIFEROUS, POSSIBLY CRINIDS.																												

R SUM THIS DRILLHOLE WAS SET UP 175M TO THE EAST OF T43/44 AS A DEEP  
 R SUM HOLE TO TEST THE STRUCTURE. A THICK SECTION OF ASH AND CRYSTAL  
 R SUM TUFFS WERE INTERSECTED DOWN TO 158.41M. THIS WAS FOLLOWED BY A  
 R SUM BLACK, CARBONACEOUS, WELL LAMINATED SILTSTONE DOWN TO 197.84M.  
 R SUM THE SILSTONE WAS CUT BY A BASALT DYKE FROM 163.80-165.20M, WITH  
 R SUM THE LOWER CONTACT FAULTED TO 166.12M. THE CONTACT WITH THE  
 R SUM SILICIFIED LIMESTONE WAS GRADATIONAL OVER 5M TO 197.84M. THE  
 R SUM SILICIFIED LIMESTONE IS ALSO BLACK, WELL LAMINATED AND  
 R SUM CARBONACEOUS. A LIMESTONE BRECCIA FROM 235.04-237.36M IS  
 R SUM FOLLOWED BY A WEDGE OF GREENISH GREY SHEARED TUFF WITH 1%  
 R SUM PYRITE DOWN TO 238.96M. THE TUFF WAS FOLLOWED BY DOLOMITIZED  
 R SUM LIMESTONE UNTIL 245.23M. GREY PARTIALLY SILICIFIED LIMESTONE  
 R SUM CONTINUED TO 315.70M WHERE IT IS FAULTED AND SHEARED TO 319.76M.  
 R SUM BELOW THIS IS GREY LIMESTONE, LAMINATED WITH A CALCITE  
 R SUM STOCKWORK, PARTIALLY SILICIFIED, BECOMING BLACK, CARBONACEOUS  
 R SUM AND FOSSILIFEROUS FROM 371.01-387.71M THE END OF THE HOLE. THE

G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TUTE M GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH063 --- (CONTINUED)

PAGE - 9

R SUM

WEDGE OF TUFF DOES NOT APPEAR IN THE SILICIFIED DOLOMITE UNIT

R SUM

OF DRILLHOLE T44, SO IT MAY INDICATE THAT THE TUFF CONTINUES AT

R SUM

DEPTH.

*K. Sturgeon*

A UMM	FROM	TO	RECUV	SAMPLE	G/T AG	G/T AU
A 001	130.19	131.36	100.00	271510	1.4	0.2
A 001	131.36	132.59	100.00	271520	2.0	-.1
A 001	132.59	134.67	100.00	271530	-.3	-.1
A 001	134.67	136.76	95.00	271540	2.7	0.2
A 001	136.76	138.85	95.00	271550	0.7	-.1
A 001	138.85	140.94	100.00	271560	3.2	0.2
A 001	140.94	143.03	100.00	271570	0.5	0.2
A 001	143.03	145.11	100.00	271580	2.7	-.1
A 001	145.11	147.46	95.00	271590	1.7	1.7
A 001	147.46	149.65	100.00	271600	0.3	1.6
A 001	149.65	151.84	100.00	271610	0.9	0.5
A 001	151.84	154.03	100.00	271620	1.2	0.2
A 001	154.03	156.22	100.00	271630	2.8	-.1
A 001	156.22	158.41	100.00	271640	0.3	-.1
A 001	158.41	160.21	100.00	271650	-.3	-.1
A 001	160.21	162.01	100.00	271660	-.3	-.1
A 001	162.01	163.80	100.00	271670	2.1	-.1
A 001	163.80	165.20	100.00	271680	0.7	-.1
A 001	165.20	166.12	100.00	271690	1.2	0.2
A 001	166.12	168.12	100.00	271700	1.4	-.1
A 001	168.12	170.12	100.00	271710	2.1	-.1
A 001	170.12	172.12	100.00	271720	1.4	-.1
A 001	172.12	174.12	90.00	271730	0.7	-.1
A 001	174.12	176.12	100.00	271740	0.3	-.1
A 001	176.12	178.12	100.00	271750	1.4	-.1
A 001	178.12	180.12	100.00	271760	2.1	-.1
A 001	180.12	182.19	100.00	271770	1.4	-.1
A 001	182.19	184.11	100.00	271780	1.4	-.1
A 001	184.11	186.02	100.00	271790	1.4	-.1
A 001	186.02	187.75	100.00	271800	1.4	-.1
A 001	187.75	189.48	100.00	271810	1.4	-.1
A 001	189.48	191.21	100.00	271820	2.1	-.1
A 001	191.21	192.93	90.00	271830	0.7	-.1
A 001	192.93	194.93	95.00	271840	2.1	-.1
A 001	194.93	196.93	100.00	271850	2.1	-.1
A 001	196.93	197.84	100.00	271860	0.3	-.1
A 001	197.84	199.84	100.00	271870	0.3	-.1
A 001	199.84	201.84	100.00	271880	0.7	-.1
A 001	201.84	203.84	95.00	271890	0.7	-.1
A 001	203.84	205.70	100.00	271900	0.7	-.1
A 001	205.70	206.87	100.00	271910	0.3	-.1
A 001	206.87	208.03	100.00	271920	1.4	-.1
A 001	208.03	210.09	100.00	271930	1.5	0.6
A 001	210.09	212.15	100.00	271940	0.9	0.5
A 001	212.15	214.21	100.00	271950	0.3	0.3
A 001	214.21	216.27	95.00	271960	6.0	0.4
A 001	216.27	218.33	95.00	271970	0.9	0.5

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	218.33	220.39	95.00	271980	0.7	-0.1
A 001	220.39	222.45	100.00	271990	2.1	-0.1
A 001	222.45	224.49	100.00	272000	1.4	-0.1
A 001	224.49	226.18	95.00	272510	3.3	0.1
A 001	226.18	227.87	100.00	272520	-0.3	-0.1
A 001	227.87	229.56	100.00	272530	0.3	0.1
A 001	229.56	230.56	100.00	272540	1.0	0.1
A 001	230.56	231.56	100.00	272550	0.4	0.1
A 001	231.56	232.62	100.00	272560	1.7	0.1
A 001	232.62	233.60	100.00	272570	2.1	-0.1
A 001	233.60	235.04	100.00	272580	1.4	-0.1
A 001	235.04	236.20	100.00	272590	2.7	-0.1
A 001	236.20	237.36	95.00	272600	1.4	0.1
A 001	237.36	238.16	95.00	272610	3.1	0.2
A 001	238.16	238.96	95.00	272620	0.3	0.3
A 001	238.96	239.96	95.00	272630	1.7	0.1
A 001	239.96	241.72	95.00	272640	-0.3	0.1
A 001	241.72	243.48	90.00	272650	3.4	-0.1
A 001	243.48	245.23	85.00	272660	2.1	-0.1
A 001	245.23	247.08	90.00	272670	0.7	0.1
A 001	247.08	248.93	95.00	272680	2.7	-0.1
A 001	248.93	250.78	100.00	272690	1.9	0.2
A 001	250.78	252.63	100.00	272700	1.4	-0.1
A 001	252.63	254.48	100.00	272710	5.3	0.2
A 001	254.48	256.34	100.00	272720	6.7	0.1
A 001	256.34	258.20	100.00	272730	2.7	-0.1
A 001	258.20	260.06	100.00	272740	0.3	-0.1
A 001	260.06	261.92	90.00	272750	-0.3	-0.1
A 001	261.92	263.78	100.00	272760	0.7	-0.1
A 001	263.78	265.64	100.00	272770	-0.1	-0.1
A 001	265.64	267.28	95.00	272780	0.3	-0.1
A 001	267.28	268.92	100.00	272790	0.3	-0.1
A 001	268.92	270.57	100.00	272800	0.7	-0.1
A 001	270.57	271.57	100.00	272810	-0.3	-0.1
A 001	271.57	272.57	100.00	272820	-0.3	0.1
A 001	272.57	273.57	100.00	272830	-0.3	-0.1
A 001	273.57	274.52	100.00	272840	-0.3	-0.1
A 001	274.52	275.60	100.00	272850	0.3	-0.1
A 001	275.60	276.32	100.00	272860	-0.3	-0.1
A 001	276.32	277.27	100.00	272870	-0.3	-0.1
A 001	277.27	277.91	100.00	272880	-0.3	-0.1
A 001	277.91	279.37	100.00	272890	-0.3	-0.1
A 001	279.37	280.83	100.00	272900	-0.3	-0.1
A 001	280.83	282.61	100.00	272910	0.3	0.1
A 001	282.61	284.39	100.00	272920	1.4	-0.1
A 001	284.39	286.16	100.00	272930	0.7	-0.1
A 001	286.16	287.95	100.00	272940	-0.3	0.2
A 001	287.95	289.74	100.00	272950	2.4	0.3

## G E O L O G

 CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH063 --- (CONTINUED)

PAGE - 12

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	289.74	291.52	100.00	272960	1.4	-1
A 001	291.52	293.42	100.00	272970	2.1	-1
A 001	293.42	295.32	100.00	272980	2.1	-1
A 001	295.32	297.22	95.00	272990	0.7	-1
A 001	297.22	299.10	95.00	273000	2.1	-1
A 001	299.10	301.22	100.00	273010	0.3	0.2
A 001	301.22	303.34	100.00	273020	0.7	-1
A 001	303.34	305.46	100.00	273030	2.1	-1
A 001	305.46	307.58	100.00	273040	2.1	-1
A 001	307.58	309.70	100.00	273050	-3	-1
A 001	309.70	311.84	100.00	273060	-3	0.2
A 001	311.84	313.62	100.00	273070	-3	-1
A 001	313.62	315.70	100.00	273080	0.3	0.5
A 001	315.70	317.73	85.00	273090	0.3	1.4
A 001	317.73	319.76	100.00	273100	0.3	1.2
A 001	319.76	320.47	100.00	273110	1.6	0.5
A 001	320.47	321.42	100.00	273120	3.8	0.4
A 001	321.42	323.20	100.00	273130	3.2	0.2
A 001	323.20	324.98	100.00	273140	1.8	0.3
A 001	324.98	326.76	95.00	273150	2.5	0.3
A 001	326.76	328.54	100.00	273160	3.9	0.3
A 001	328.54	330.32	100.00	273170	3.2	0.2
A 001	330.32	332.38	100.00	273180	0.3	0.1
A 001	332.38	334.44	100.00	273190	1.1	0.1
A 001	334.44	336.50	100.00	273200	0.3	0.1
A 001	336.50	338.55	100.00	273210	0.3	0.1
A 001	338.55	340.58	100.00	273220	0.4	0.1
A 001	340.58	342.61	95.00	273230	0.3	0.1
A 001	342.61	344.64	100.00	273240	0.3	0.1
A 001	344.64	346.67	100.00	273250		
A 001	346.67	348.70	100.00	273260	0.3	0.1
A 001	348.70	350.73	100.00	273270	0.3	0.1
A 001	350.73	352.76	100.00	273280	0.3	0.1
A 001	352.76	354.79	100.00	273290		
A 001	354.79	356.82	95.00	273300	0.3	0.1
A 001	356.82	358.85	100.00	273310	0.3	0.1
A 001	358.85	360.88	100.00	273320	0.3	0.1
A 001	360.88	362.91	100.00	273330	0.3	0.1
A 001	362.91	364.94	100.00	273340	0.3	0.1
A 001	364.94	366.97	100.00	273350	0.8	0.1
A 001	366.97	369.00	95.00	273360	0.3	0.1
A 001	369.00	371.01	100.00	273370	0.3	0.1
A 001	371.01	373.10	95.00	273380	2.7	-1
A 001	373.10	375.19	100.00	273390	3.4	-1
A 001	375.19	377.28	100.00	273400	0.7	-1
A 001	377.28	379.37	95.00	273410	0.7	-1
A 001	379.37	381.46	100.00	273420	-3	0.2
A 001	381.46	383.55	100.00	273430	1.4	-1

## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH063 --- (CONTINUED)

PAGE - 13

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	383.55	385.64	95.00	273440	2.7	-.1
A 001	385.64	387.71	95.00	273450	3.4	-.1



## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH063 --- (CONTINUED)

PAGE - 14

R ASY 0.00 0.01

THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY

A UMM	FROM	TO	RECOV	RECOV
A 002	0.00	6.10	0.00	0.0
A 002	6.10	6.71	0.00	60.0
A 002	6.71	7.92	0.00	50.0
A 002	7.92	9.60	0.00	85.0
A 002	9.60	11.13	0.00	65.0
A 002	11.13	12.70	0.00	85.0
A 002	12.70	14.33	0.00	85.0
A 002	14.33	15.85	0.00	95.0
A 002	15.85	17.37	0.00	60.0
A 002	17.37	18.90	0.00	95.0
A 002	18.90	20.42	0.00	90.0
A 002	20.42	21.95	0.00	95.0
A 002	21.95	23.47	0.00	90.0
A 002	23.47	24.99	0.00	90.0
A 002	24.99	26.52	0.00	90.0
A 002	26.52	28.04	0.00	80.0
A 002	28.04	29.41	0.00	100.0
A 002	29.41	31.09	0.00	85.0
A 002	31.09	32.61	0.00	90.0
A 002	32.61	34.14	0.00	100.0
A 002	34.14	35.66	0.00	100.0
A 002	35.66	37.19	0.00	90.0
A 002	37.19	38.71	0.00	90.0
A 002	38.71	40.23	0.00	100.0
A 002	40.23	41.76	0.00	100.0
A 002	41.76	43.28	0.00	95.0
A 002	43.28	44.81	0.00	90.0
A 002	44.81	46.33	0.00	95.0
A 002	46.33	47.55	0.00	100.0
A 002	47.55	49.07	0.00	100.0
A 002	49.07	50.75	0.00	90.0
A 002	50.75	52.43	0.00	95.0
A 002	52.43	53.95	0.00	100.0
A 002	53.95	55.47	0.00	100.0
A 002	55.47	57.00	0.00	100.0
A 002	57.00	58.52	0.00	100.0
A 002	58.52	60.05	0.00	100.0
A 002	60.05	61.57	0.00	100.0
A 002	61.57	63.09	0.00	100.0
A 002	63.09	64.62	0.00	100.0
A 002	64.62	66.14	0.00	100.0
A 002	66.14	67.67	0.00	95.0
A 002	67.67	69.19	0.00	100.0
A 002	69.19	70.71	0.00	100.0
A 002	70.71	72.24	0.00	100.0
A 002	72.24	73.76	0.00	100.0
A 002	73.76	75.29	0.00	100.0

A UMH	FROM	TO	RECOV	RECOV
A 002	75.29	76.81	0.00	100.0
A 002	76.81	78.33	0.00	100.0
A 002	78.33	79.86	0.00	95.0
A 002	79.86	81.38	0.00	100.0
A 002	81.38	82.91	0.00	100.0
A 002	82.91	84.43	0.00	100.0
A 002	84.43	85.95	0.00	100.0
A 002	85.95	87.48	0.00	100.0
A 002	87.48	89.00	0.00	90.0
A 002	89.00	90.53	0.00	100.0
A 002	90.53	92.05	0.00	100.0
A 002	92.05	93.57	0.00	100.0
A 002	93.57	95.10	0.00	100.0
A 002	95.10	96.62	0.00	100.0
A 002	96.62	98.15	0.00	100.0
A 002	98.15	99.67	0.00	100.0
A 002	99.67	101.19	0.00	100.0
A 002	101.19	102.72	0.00	100.0
A 002	102.72	104.24	0.00	95.0
A 002	104.24	105.77	0.00	100.0
A 002	105.77	107.29	0.00	100.0
A 002	107.29	108.81	0.00	100.0
A 002	108.81	110.34	0.00	100.0
A 002	110.34	111.86	0.00	100.0
A 002	111.86	113.39	0.00	100.0
A 002	113.39	114.91	0.00	100.0
A 002	114.91	116.43	0.00	100.0
A 002	116.43	117.96	0.00	100.0
A 002	117.96	119.48	0.00	100.0
A 002	119.48	121.01	0.00	100.0
A 002	121.01	122.53	0.00	95.0
A 002	122.53	124.05	0.00	100.0
A 002	124.05	125.56	0.00	100.0
A 002	125.56	127.10	0.00	100.0
A 002	127.10	128.63	0.00	100.0
A 002	128.63	130.15	0.00	100.0
A 002	130.15	131.67	0.00	100.0
A 002	131.67	133.20	0.00	100.0
A 002	133.20	134.72	0.00	100.0
A 002	134.72	136.25	0.00	100.0
A 002	136.25	136.55	0.00	90.0
A 002	136.55	137.77	0.00	95.0
A 002	137.77	139.29	0.00	100.0
A 002	139.29	140.82	0.00	100.0
A 002	140.82	142.34	0.00	100.0
A 002	142.34	143.87	0.00	100.0
A 002	143.87	145.39	0.00	100.0
A 002	145.39	146.91	0.00	95.0

## G E O L O G

 CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH063 --- (CONTINUED)

PAGE - 16

A	UMM	FROM	TO	RECOV	RECOV
A	002	146.91	148.44	0.00	100.0
A	002	148.44	149.96	0.00	100.0
A	002	149.96	151.49	0.00	100.0
A	002	151.49	153.01	0.00	100.0
A	002	153.01	154.53	0.00	100.0
A	002	154.53	156.06	0.00	100.0
A	002	156.06	157.58	0.00	100.0
A	002	157.58	159.11	0.00	100.0
A	002	159.11	160.63	0.00	100.0
A	002	160.63	162.15	0.00	100.0
A	002	162.15	163.68	0.00	100.0
A	002	163.68	165.20	0.00	100.0
A	002	165.20	166.73	0.00	100.0
A	002	166.73	168.25	0.00	100.0
A	002	168.25	169.77	0.00	100.0
A	002	169.77	171.30	0.00	100.0
A	002	171.30	172.82	0.00	100.0
A	002	172.82	173.13	0.00	25.0
A	002	173.13	174.35	0.00	100.0
A	002	174.35	175.87	0.00	100.0
A	002	175.87	177.39	0.00	100.0
A	002	177.39	178.92	0.00	100.0
A	002	178.92	180.44	0.00	100.0
A	002	180.44	181.97	0.00	100.0
A	002	181.97	183.49	0.00	100.0
A	002	183.49	185.01	0.00	100.0
A	002	185.01	186.54	0.00	100.0
A	002	186.54	188.06	0.00	100.0
A	002	188.06	189.59	0.00	100.0
A	002	189.59	191.11	0.00	100.0
A	002	191.11	192.63	0.00	90.0
A	002	192.63	194.16	0.00	95.0
A	002	194.16	195.68	0.00	100.0
A	002	195.68	197.21	0.00	100.0
A	002	197.21	198.73	0.00	100.0
A	002	198.73	200.25	0.00	100.0
A	002	200.25	201.78	0.00	100.0
A	002	201.78	203.30	0.00	100.0
A	002	203.30	203.91	0.00	80.0
A	002	203.91	205.44	0.00	100.0
A	002	205.44	206.96	0.00	100.0
A	002	206.96	208.48	0.00	100.0
A	002	208.48	210.01	0.00	100.0
A	002	210.01	210.92	0.00	100.0
A	002	210.92	212.45	0.00	100.0
A	002	212.45	213.97	0.00	100.0
A	002	213.97	215.49	0.00	100.0
A	002	215.49	217.02	0.00	95.0

A UMM	FROM	TO	RECOV	RECOV
A 002	217.02	218.54	0.00	100.0
A 002	218.54	220.07	0.00	95.0
A 002	220.07	221.59	0.00	100.0
A 002	221.59	223.11	0.00	100.0
A 002	223.11	224.64	0.00	100.0
A 002	224.64	226.16	0.00	95.0
A 002	226.16	227.69	0.00	100.0
A 002	227.69	229.21	0.00	100.0
A 002	229.21	230.73	0.00	100.0
A 002	230.73	232.26	0.00	100.0
A 002	232.26	233.78	0.00	100.0
A 002	233.78	235.31	0.00	100.0
A 002	235.31	236.83	0.00	100.0
A 002	236.83	238.35	0.00	95.0
A 002	238.35	239.88	0.00	95.0
A 002	239.88	241.40	0.00	100.0
A 002	241.40	242.93	0.00	90.0
A 002	242.93	244.45	0.00	85.0
A 002	244.45	245.97	0.00	90.0
A 002	245.97	247.50	0.00	95.0
A 002	247.50	249.02	0.00	100.0
A 002	249.02	250.39	0.00	100.0
A 002	250.39	251.76	0.00	100.0
A 002	251.76	252.98	0.00	100.0
A 002	252.98	253.59	0.00	100.0
A 002	253.59	255.12	0.00	100.0
A 002	255.12	256.64	0.00	100.0
A 002	256.64	258.17	0.00	100.0
A 002	258.17	259.69	0.00	100.0
A 002	259.69	259.99	0.00	95.0
A 002	259.99	261.67	0.00	90.0
A 002	261.67	262.74	0.00	100.0
A 002	262.74	264.26	0.00	100.0
A 002	264.26	265.79	0.00	100.0
A 002	265.79	267.31	0.00	95.0
A 002	267.31	268.53	0.00	100.0
A 002	268.53	270.05	0.00	100.0
A 002	270.05	271.58	0.00	100.0
A 002	271.58	273.10	0.00	100.0
A 002	273.10	274.73	0.00	100.0
A 002	274.73	276.30	0.00	100.0
A 002	276.30	277.83	0.00	100.0
A 002	277.83	279.40	0.00	100.0
A 002	279.40	281.03	0.00	100.0
A 002	281.03	282.55	0.00	100.0
A 002	282.55	284.07	0.00	100.0
A 002	284.07	285.60	0.00	100.0
A 002	285.60	287.12	0.00	100.0

A UMM	FROM	TO	RECOV	RECOV
A 002	287.12	288.65	0.00	100.0
A 002	288.65	290.17	0.00	100.0
A 002	290.17	291.69	0.00	100.0
A 002	291.69	293.22	0.00	100.0
A 002	293.22	294.74	0.00	100.0
A 002	294.74	296.27	0.00	100.0
A 002	296.27	297.79	0.00	95.0
A 002	297.79	299.31	0.00	95.0
A 002	299.31	300.84	0.00	100.0
A 002	300.84	302.36	0.00	100.0
A 002	302.36	303.89	0.00	100.0
A 002	303.89	305.26	0.00	100.0
A 002	305.26	306.78	0.00	100.0
A 002	306.78	308.35	0.00	100.0
A 002	308.35	309.98	0.00	100.0
A 002	309.98	311.51	0.00	100.0
A 002	311.51	313.03	0.00	100.0
A 002	313.03	314.55	0.00	100.0
A 002	314.55	316.08	0.00	100.0
A 002	316.08	316.99	0.00	70.0
A 002	316.99	318.52	0.00	100.0
A 002	318.52	320.04	0.00	100.0
A 002	320.04	321.56	0.00	100.0
A 002	321.56	323.09	0.00	100.0
A 002	323.09	324.61	0.00	100.0
A 002	324.61	326.14	0.00	100.0
A 002	326.14	326.75	0.00	85.0
A 002	326.75	328.27	0.00	100.0
A 002	328.27	329.79	0.00	100.0
A 002	329.79	331.32	0.00	95.0
A 002	331.32	332.84	0.00	100.0
A 002	332.84	334.37	0.00	100.0
A 002	334.37	335.89	0.00	100.0
A 002	335.89	337.41	0.00	95.0
A 002	337.41	338.94	0.00	100.0
A 002	338.94	340.46	0.00	100.0
A 002	340.46	341.99	0.00	95.0
A 002	341.99	343.51	0.00	100.0
A 002	343.51	345.03	0.00	100.0
A 002	345.03	346.56	0.00	100.0
A 002	346.56	348.08	0.00	100.0
A 002	348.08	349.61	0.00	100.0
A 002	349.61	351.13	0.00	100.0
A 002	351.13	352.65	0.00	100.0
A 002	352.65	354.18	0.00	95.0
A 002	354.18	355.70	0.00	100.0
A 002	355.70	357.22	0.00	95.0
A 002	357.22	358.75	0.00	100.0

G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH063 --- (CONTINUED)

PAGE - 19

A UMM	FROM	TO	RECOV	RECOV
A 002	358.75	360.27	0.00	100.0
A 002	360.27	361.80	0.00	100.0
A 002	361.80	363.32	0.00	100.0
A 002	363.32	364.85	0.00	100.0
A 002	364.85	366.37	0.00	100.0
A 002	366.37	367.89	0.00	100.0
A 002	367.89	369.42	0.00	95.0
A 002	369.42	370.94	0.00	100.0
A 002	370.94	372.47	0.00	95.0
A 002	372.47	373.99	0.00	100.0
A 002	373.99	375.51	0.00	100.0
A 002	375.51	377.04	0.00	100.0
A 002	377.04	378.56	0.00	95.0
A 002	378.56	380.09	0.00	100.0
A 002	380.09	381.61	0.00	100.0
A 002	381.61	383.13	0.00	100.0
A 002	383.13	384.66	0.00	100.0
A 002	384.66	386.18	0.00	90.0
A 002	386.18	387.71	0.00	100.0

G E O L O G E D I T L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.

FORMAT VERSION : 6802

DRILLMULE/TRVERSE : T84DH065	COLLAR ELEVATION: 1903.27	AZIMUTH( DEG ) : 271.52	GEOLOGGED BY : EOT +
TOTAL DEPTH/LENGTH : 186.54	NORTHING(- IF S): 26144.92	VERTICAL ANGLE : -70.50	DATE (YY/MM/DD): 840725
CORE/MULE DIAMETER : HQ	EASTING (- IF W): 24596.02	CO-ORD SYSTEM : GRD	PROJECT NUMBER : M523

SEQ. NO OF SURVEY DATA	FLAGS	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	001	91.44	271.52	-70.00
2	002	186.54	271.52	-71.50

F - I N T E R V A L -	CORE T- %	TYPI- QAL	TEX- GRAIN	PGI	STRUCTUR-1	ALTERATION MINS	ORE-TYPE MINS	SUMMARY
K L (UNITS = MT,2 DEC.PLACE)	RECOV- M H ROCK	FYING MIN	TURES CHARACS	/RI T ID STK DIP	A A A A A MIN A A A MIN	H H H H H ANY H H ANY	STR	
E A (METRIC)	ERY O I	TM TM MAT TX TX	F C % M VNTK	1 AZM RT	QZ CA AK CL GY XX PY CP LI YY S I			
Y G F R O M - T O - I N T (PC.1)	D X TYPE	1 2 DM1 1 2 F F C A NCM						
K F	ROCK	VUG QT DO CR DM2 TX TX S R S O VNOF		1 ID STK DIP	MU DO CY FU HE HA JA SC FS HA ALT			
E L	GUAL	GMM GG GG LC-H	3 4 O N H / PI	2 AZM RT	H H H H H H H H H H F I			
Y G	DESIG	COL A	W D P C SMLF		STRUCTUR-2	A A A A A A A A A A		

/	0.00	4.27	4.27	0.0	CASN			P		
R	0.00	4.27			REAMED CASING, NO CORE RECOVERED.					
/	4.27	19.67	15.40	98.2	CA BXSL	1 6 6 8		P	P8	P1 2 8
L				74.5	( 9 = AT	2 1 3 C	4	P	G+	0) 2 8
R	4.27	19.67			LIGHT GREY, STRONGLY SILICIFIED LIMESTONE FRAGMENTS IN A PALE					
R	4.27	19.67			ORANGE TAN, LIMONITIC CALCAREOUS MATRIX. 90% OF FRAGMENTS ARE					
R	4.27	19.67			SILICEOUS (SILICIFIED LIMESTONE), 5% CALCITE VEINLETS IN THE					
R	4.27	19.67			FRAGMENTS.					
/	12.75	19.67	6.92		DO X LMST	BX 1 3 7 35 3		R	Q2 V+	Q) 0.
L					( AT	3432		R	Q3 G-	
R	12.75	19.67			SEVERAL LIGHT GREY, STRONGLY DOLOMITIZED ZONES WITH INTERVENING					
R	12.75	19.67			SILICIFIED LIMESTONE BRECCIA (AS IN MAIN UNIT). QUARTZ OCCURS					
R	12.75	19.67			AS SILICEOUS BRECCIA FRAGMENTS AND PATCHES.					
/	19.67	77.22	57.55	98.8	DO LMST	BX 2 4 5 60 3		P	Q1 V+	E( 1 8
L				79.7	( TA	3432		P	P7 G-	P7 G- <- <. 1 8
R	19.67	77.22			TAN GREY TO LIGHT GREY, WEAKLY SILICIFIED DOLOMITE WITH 2.5%					
R	19.67	77.22			CALCITE VEINS AND POSSIBLY 10% CALCAREOUS PATCHES OF ORIGINAL					
R	19.67	77.22			LIMESTONE. WEAK BRECCIATED TEXTURE WITH A PERVASIVE NETWORK OF					
R	19.67	77.22			FINE LIMONITIC CALCITE VEINS. TRACE FINE SULPHIDES IN					
R	19.67	77.22			STYLOLITES AND 45 DISSEMINATIONS LOCALLY. 10% SILICEOUS					
R	19.67	77.22			PATCHES: SOME WITH MOTTLED APPEARANCE, SOME PURPLE IN COLOUR.					





X	F	F	R	O	M	-	T	O	-	I	N	T	RECOV	MD	%	ROCK	TM	TM	Q	M1	T	X	F	C	%	M	VNTK	NI	1	ID	AZ	DIP	QZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I					
E	-L-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Y	G												R	G	O	VUG	QT	DO	LC	CR	Q	M2	T	X	S	R	S	O	S	M	L	F	2	IO	AZ	DIP	MU	DO	CY	FU	HE	HA	JA	SC	FS	HA	F	I	

/	151.98	153.30	1.32		SI	X	DOLM						BX	BN	2	4				5	99	5	R	2	8N				30	P8	V=											Q*	2	6				
L				90.9	(CA		4A													3432	O																											
R	151.98	153.30			DARK GREY, STRONGLY BRECCIATED, STRONGLY SILICIFIED.																																											
R	151.98	153.30			DOLOMITE WITH .1% BLACK FINE SULPHIDES IN VEINLETS.																																											
R	151.98	153.30			PARTLY SILICEOUS, PARTLY CALCAREOUS MATRIX.																																											

/	153.30	156.00	2.70	97.4	SI	LMST							BX	KH	0	3				6	99	7	P						P8	V=													Q*	2	X			
L				24.1		A														3437	P		LC		40					Q+	G=																	
R	153.30	156.00			BRECCIATED AND FAULTED ZONE OF DARK GREY, VERY STRONGLY																																											
R	153.30	156.00			SILICIFIED LIMESTONE WITH CALCITE AND CLAY-FILLED FRACTURES AND																																											
R	153.30	156.00			SILICEOUS CRACKLE BRECCIA MATRIX. .1% BLACK FINE SULPHIDES IN																																											
R	153.30	156.00			FRACTURES AND GOUGE.																																											

/	156.00	186.54	30.54	97.5	SI	DOLM							BX		1	3				4	75	6	P						Q2	V=																	
L				77.3	-CA		A													3432	P									P6	G-																
R	156.00	186.54			LIGHT TO DARK GREY DOLOMITE WITH SCATTERED SILICEOUS PATCHES																																										
R	156.00	186.54			AND POSSIBLY 15% UNDOLOMITIZED LIMESTONE. PERVASIVE STRONG																																										
R	156.00	186.54			BRECCIATED TEXTURE WITH 5% CALCITE VEINING. SCATTERED																																										
R	156.00	186.54			LIMONITIC, HEMATITIC, CALCAREOUS MATRIX AND VEIN MATERIAL,																																										
R	156.00	186.54			NOTABLY FROM 158.25 TO 161.1M; 183.6 TO 185.6M.																																										

/	156.00	158.25	2.25		SI	X	LMST						BX		1	3				3	75	6	R						P8	V)																	
L					*CA		7A													3438	R									Q)	G+																
R	156.00	158.25			LIGHT GREY, STRONGLY BRECCIATED, STRONGLY SILICIFIED LIMESTONE.																																										
R	156.00	158.25			VERY BLOCKY, BROKEN CORE.																																										

R SUM HOLE T84-65 WAS DRILLED AT A DIP OF -70.5 DEG WEST ON THE T-62

R SUM SECTION. CASING WAS REAMED TO A DEPTH 4.27M AND HQ CORE WAS

R SUM RECOVERED FROM THERE TO THE END OF THE HOLE AT 183.54 METRES.

R SUM SILICIFIED LIMESTONE BRECCIA WITH A LIMONITIC MATRIX WAS

R SUM INTERSECTED TO 19.67 WHERE THE LIVESTONE IS PREDOMINANTLY

R SUM DOLOMITIZED. WEAKLY TO MODERATELY SILICIFIED DOLOMITE WITH A

R SUM FEW LIMESTONE PATCHES MAKES UP THE REST OF THE HOLE. THE

R SUM DOLOMITES VARY FROM WEAKLY TO STRONGLY BRECCIATED IN TEXTURE.

R SUM A BRECCIATED ZONE OF DARK GREY, VERY STRONGLY SILICIFIED

R SUM DOLOMITE OCCURS FROM 153.30 TO 156.00 AND MAY REPRESENT THE

R SUM FAULT TARGET. LITHOLOGIC CORRELATION WITH HOLE 62 IS VERY

G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T840H065 --- (CONTINUED)

PAGE - 4

R SUM

WEAK.

A handwritten signature in cursive script, appearing to read "J. C. [unclear]", is written over the word "WEAK." and extends to the right.

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	4.27	6.39	90.00	270010	0.3	0.1
A 001	6.39	8.51	95.00	270020	0.4	0.1
A 001	8.51	10.63	100.00	270030	0.3	0.1
A 001	10.63	12.75	100.00	270040	0.5	-0.1
A 001	12.75	14.48	100.00	270050	-0.3	-0.1
A 001	14.48	16.21	100.00	270060	-0.3	-0.1
A 001	16.21	17.94	100.00	270070	2.7	-0.1
A 001	17.94	19.67	100.00	270080	1.3	0.1
A 001	19.67	21.00	100.00	270090	0.7	0.1
A 001	21.00	23.00	100.00	270100	-0.3	-0.1
A 001	23.00	25.00	100.00	270110	0.3	-0.1
A 001	25.00	27.00	100.00	270120	0.3	-0.1
A 001	27.00	29.00	100.00	270130	0.3	-0.1
A 001	29.00	31.00	100.00	270140	-0.3	-0.1
A 001	31.00	33.00	95.00	270150	2.0	0.1
A 001	33.00	35.00	100.00	270160	2.0	0.1
A 001	35.00	37.00	100.00	270170	0.7	-0.1
A 001	37.00	39.00	100.00	270180	0.3	-0.1
A 001	39.00	41.00	90.00	270190	-0.3	-0.1
A 001	41.00	43.00	95.00	270200	2.0	-0.1
A 001	43.00	45.00	100.00	270210	4.8	-0.1
A 001	45.00	47.00	100.00	270220	2.0	-0.1
A 001	47.00	49.00	95.00	270230	2.7	-0.1
A 001	49.00	51.00	95.00	270240	0.7	-0.1
A 001	51.00	53.00	100.00	270250	0.7	-0.1
A 001	53.00	55.00	100.00	270260	1.4	-0.1
A 001	55.00	57.00	95.00	270270	2.7	-0.1
A 001	57.00	59.00	95.00	270280	4.8	-0.1
A 001	59.00	61.00	100.00	270290	0.7	-0.1
A 001	61.00	63.00	100.00	270300	0.3	-0.1
A 001	63.00	64.43	100.00	270310	0.7	-0.1
A 001	64.43	66.00	100.00	270320	2.8	-0.1
A 001	66.00	68.00	95.00	270330	0.7	-0.1
A 001	68.00	70.00	100.00	270340	2.1	-0.1
A 001	70.00	72.00	100.00	270350	4.8	-0.1
A 001	72.00	74.00	100.00	270360	2.7	-0.1
A 001	74.00	75.60	100.00	270370	2.7	-0.1
A 001	75.60	77.22	90.00	270380	2.1	-0.1
A 001	77.22	79.00	100.00	270390	1.4	-0.1
A 001	79.00	81.00	100.00	270400	0.7	-0.1
A 001	81.00	83.00	100.00	270410	2.1	-0.1
A 001	83.00	85.00	100.00	270420	2.7	-0.1
A 001	85.00	86.00	100.00	270430	1.4	-0.1
A 001	86.00	88.00	100.00	270440	2.1	-0.1
A 001	88.00	90.00	100.00	270450	0.7	0.1
A 001	90.00	92.00	100.00	270460	0.3	0.1
A 001	92.00	94.00	95.00	270470	2.0	0.1

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	94.00	95.98	95.00	270480	2.1	-1.1
A 001	95.98	98.00	100.00	270490	2.7	-1.1
A 001	98.00	100.00	100.00	270500	2.1	-1.1
A 001	100.00	102.00	100.00	270510	1.4	0.1
A 001	102.00	104.00	100.00	270520	2.1	-1.1
A 001	104.00	106.00	100.00	270530	0.5	0.2
A 001	106.00	108.00	100.00	270540	1.1	1.0
A 001	108.00	110.00	100.00	270550	2.2	0.5
A 001	110.00	111.68	100.00	270560	2.6	0.8
A 001	111.68	113.35	95.00	270570	1.4	1.3
A 001	113.35	115.05	100.00	270580	2.4	0.3
A 001	115.05	116.75	100.00	270590	2.6	0.8
A 001	116.75	118.45	100.00	270600	0.6	0.8
A 001	118.45	120.15	100.00	270610	2.3	1.8
A 001	120.15	122.15	100.00	270620	1.1	1.0
A 001	122.15	124.15	100.00	270630	2.2	0.5
A 001	124.15	126.15	95.00	270640	3.1	0.3
A 001	126.15	128.15	95.00	270650	1.9	0.2
A 001	128.15	130.15	100.00	270660	1.8	0.3
A 001	130.15	132.15	100.00	270670	0.3	0.4
A 001	132.15	134.15	100.00	270680	2.4	0.3
A 001	134.15	135.65	100.00	270690	3.8	0.3
A 001	135.65	137.15	95.00	270700	3.8	0.3
A 001	137.15	138.35	95.00	270710	1.9	0.2
A 001	138.35	139.55	100.00	270720	1.9	0.2
A 001	139.55	140.82	100.00	270730	4.1	-1.1
A 001	140.82	142.34	100.00	270740	4.1	-1.1
A 001	142.34	143.90	100.00	270750	1.4	-1.1
A 001	143.90	145.45	100.00	270760	3.4	-1.1
A 001	145.45	147.00	100.00	270770	2.1	-1.1
A 001	147.00	148.00	100.00	270780	0.7	-1.1
A 001	148.00	149.00	95.00	270790	2.1	-1.1
A 001	149.00	150.06	95.00	270800	0.4	0.3
A 001	150.06	151.00	100.00	270810	3.9	0.9
A 001	151.00	151.98	100.00	270820	2.0	-1.1
A 001	151.98	153.30	100.00	270830	2.4	0.3
A 001	153.30	154.20	100.00	270840	3.7	1.8
A 001	154.20	155.10	95.00	270850	2.4	1.7
A 001	155.10	156.00	95.00	270860	0.5	1.0
A 001	156.00	157.00	80.00	270870	1.5	0.3
A 001	157.00	158.25	90.00	270880	0.3	0.1
A 001	158.25	160.25	100.00	270890	0.9	0.1
A 001	160.25	162.25	100.00	270900	4.8	-1.1
A 001	162.25	164.25	100.00	270910	2.7	-1.1
A 001	164.25	166.25	100.00	270920	4.1	-1.1
A 001	166.25	168.25	95.00	270930	2.1	-1.1
A 001	168.25	170.25	100.00	270940	10.3	-1.1
A 001	170.25	172.25	100.00	270950	1.7	-1.1

## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH065 --- (CONTINUED)

PAGE - 7

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	172.25	174.25	100.00	27096D	1.7	-.1
A 001	174.25	176.25	100.00	27097D	2.1	-.1
A 001	176.25	178.25	100.00	27098D	2.1	-.1
A 001	178.25	180.25	100.00	27099D	3.3	0.1
A 001	180.25	182.25	100.00	27100D	4.1	-.1
A 001	182.25	183.68	95.00	27201D	3.4	-.1
A 001	183.68	185.11	95.00	27202D	-.3	-.1
A 001	185.11	186.54	100.00	27203D	1.9	0.2

## G E O L O G

CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH065 --- (CONTINUED)

PAGE - 8

R ASY 0.00 0.01

THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY

A UMM	FROM	TO	RECOV	RECOV
A 002	0.00	4.27	0.00	0.0
A 002	4.27	4.57	0.00	100.0
A 002	4.57	6.10	0.00	90.0
A 002	6.10	6.71	0.00	90.0
A 002	6.71	8.23	0.00	95.0
A 002	8.23	9.75	0.00	100.0
A 002	9.75	11.28	0.00	100.0
A 002	11.28	12.80	0.00	100.0
A 002	12.80	14.33	0.00	100.0
A 002	14.33	15.85	0.00	100.0
A 002	15.85	17.37	0.00	95.0
A 002	17.37	18.90	0.00	105.0
A 002	18.90	20.42	0.00	100.0
A 002	20.42	21.95	0.00	100.0
A 002	21.95	23.47	0.00	100.0
A 002	23.47	24.99	0.00	100.0
A 002	24.99	26.52	0.00	100.0
A 002	26.52	28.04	0.00	100.0
A 002	28.04	29.57	0.00	100.0
A 002	29.57	31.09	0.00	100.0
A 002	31.09	32.61	0.00	95.0
A 002	32.61	34.14	0.00	100.0
A 002	34.14	35.66	0.00	100.0
A 002	35.66	37.19	0.00	100.0
A 002	37.19	38.71	0.00	100.0
A 002	38.71	40.23	0.00	95.0
A 002	40.23	41.76	0.00	90.0
A 002	41.76	43.28	0.00	100.0
A 002	43.28	44.81	0.00	100.0
A 002	44.81	46.33	0.00	100.0
A 002	46.33	47.85	0.00	100.0
A 002	47.85	49.38	0.00	95.0
A 002	49.38	50.90	0.00	95.0
A 002	50.90	52.43	0.00	100.0
A 002	52.43	53.95	0.00	105.0
A 002	53.95	55.47	0.00	100.0
A 002	55.47	57.00	0.00	95.0
A 002	57.00	58.52	0.00	95.0
A 002	58.52	60.05	0.00	100.0
A 002	60.05	61.57	0.00	100.0
A 002	61.57	63.09	0.00	100.0
A 002	63.09	64.62	0.00	100.0
A 002	64.62	66.14	0.00	100.0
A 002	66.14	67.67	0.00	95.0
A 002	67.67	69.19	0.00	100.0
A 002	69.19	70.71	0.00	100.0
A 002	70.71	72.24	0.00	100.0

## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TUTEH GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH065 --- (CONTINUED)

PAGE - 9

A UNM	FROM	TO	RECOV	RECOV
A 002	72.24	73.76	0.00	100.0
A 002	73.76	75.29	0.00	100.0
A 002	75.29	76.20	0.00	100.0
A 002	76.20	76.81	0.00	95.0
A 002	76.81	78.33	0.00	100.0
A 002	78.33	79.86	0.00	100.0
A 002	79.86	81.38	0.00	105.0
A 002	81.38	82.91	0.00	100.0
A 002	82.91	84.43	0.00	100.0
A 002	84.43	85.95	0.00	100.0
A 002	85.95	87.48	0.00	90.0
A 002	87.48	89.00	0.00	100.0
A 002	89.00	90.53	0.00	100.0
A 002	90.53	92.05	0.00	100.0
A 002	92.05	93.57	0.00	95.0
A 002	93.57	95.10	0.00	95.0
A 002	95.10	96.62	0.00	100.0
A 002	96.62	98.15	0.00	100.0
A 002	98.15	99.67	0.00	100.0
A 002	99.67	101.19	0.00	100.0
A 002	101.19	102.72	0.00	100.0
A 002	102.72	104.24	0.00	100.0
A 002	104.24	105.77	0.00	100.0
A 002	105.77	107.29	0.00	100.0
A 002	107.29	108.81	0.00	100.0
A 002	108.81	110.34	0.00	100.0
A 002	110.34	111.86	0.00	100.0
A 002	111.86	113.39	0.00	95.0
A 002	113.39	114.91	0.00	105.0
A 002	114.91	116.43	0.00	100.0
A 002	116.43	117.96	0.00	100.0
A 002	117.96	119.48	0.00	100.0
A 002	119.48	121.01	0.00	100.0
A 002	121.01	122.53	0.00	100.0
A 002	122.53	124.05	0.00	100.0
A 002	124.05	124.97	0.00	95.0
A 002	124.97	125.58	0.00	100.0
A 002	125.58	127.10	0.00	95.0
A 002	127.10	128.63	0.00	100.0
A 002	128.63	130.15	0.00	100.0
A 002	130.15	131.67	0.00	100.0
A 002	131.67	133.20	0.00	100.0
A 002	133.20	134.72	0.00	100.0
A 002	134.72	136.25	0.00	100.0
A 002	136.25	137.77	0.00	95.0
A 002	137.77	139.29	0.00	100.0
A 002	139.29	140.82	0.00	100.0
A 002	140.82	142.34	0.00	100.0

## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TUTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH065 --- (CONTINUED)

PAGE - 10

A UMM	FROM	TO	RECOV	RECOV
A 002	142.34	143.87	0.00	100.0
A 002	143.87	145.39	0.00	100.0
A 002	145.39	146.91	0.00	100.0
A 002	146.91	148.44	0.00	100.0
A 002	148.44	149.96	0.00	95.0
A 002	149.96	150.16	0.00	110.0
A 002	150.16	151.49	0.00	100.0
A 002	151.49	153.01	0.00	100.0
A 002	153.01	154.53	0.00	100.0
A 002	154.53	156.05	0.00	95.0
A 002	156.05	157.58	0.00	80.0
A 002	157.58	159.11	0.00	100.0
A 002	159.11	160.63	0.00	100.0
A 002	160.63	162.15	0.00	100.0
A 002	162.15	163.68	0.00	100.0
A 002	163.68	165.20	0.00	100.0
A 002	165.20	166.76	0.00	100.0
A 002	166.76	168.24	0.00	95.0
A 002	168.24	169.77	0.00	100.0
A 002	169.77	171.29	0.00	100.0
A 002	171.29	172.82	0.00	100.0
A 002	172.82	174.34	0.00	100.0
A 002	174.34	175.86	0.00	100.0
A 002	175.86	177.39	0.00	100.0
A 002	177.39	178.91	0.00	100.0
A 002	178.91	180.44	0.00	100.0
A 002	180.44	181.96	0.00	100.0
A 002	181.96	183.49	0.00	95.0
A 002	183.49	185.01	0.00	95.0
A 002	185.01	186.54	0.00	100.0









K	F	F	R	O	M	-	T	O	-	I	N	T	RECOV	MD	%	ROCK	TM	TM	GM1	TX	TX	F	C	%	M	VNTK	RI	1	ID	AZM	DIP	GZ	CA	AK	CL	GY	XX	PY	CP	LI	YY	S	I						
E	-	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Y	G												R	Q	D	VUG	QT	DO	LC	CR	QM2	TX	TX	S	R	S	O	SMLF	2	ID	AZM	DIP	MU	DO	CY	FU	HE	HA	JA	SC	FS	HA	F	I					
R	107.72	116.28	STOCKWORK VARIES TO EXTREMELY BRECCIATED.																																														
/	116.28	119.25	2.97										SI	X	DOLM																																		
L													70.0	(CA		3A																																	
R	116.28	119.25	STOCKWORK IS A PALE-YELLOWISH GREEN COLOUR. SOME BLACK																																														
R	116.28	119.25	DOLOMITE IS Pervasively SILICIFIED.																																														
/	119.25	136.71	17.46										X	DOLM																																			
L													70.0	(CA		4A																																	
R	119.25	136.71	STOCKWORK IS INTENSE WITH FREQUENT BROWN CALCAREOUS PATCHES,																																														
R	119.25	136.71	5%. DOLOMITE IS LIGHT TO MED DARK GREY, WELL FRACTURED FROM																																														
R	119.25	136.71	135.94-136.08M, STOCKWORK IS YELLOWISH-UMBER.																																														
/	136.71	140.19	3.48										SI	X	DOLM																																		
L													70.0	(CA		4A																																	
R	136.71	140.19	DARK GREY PATCHES OF SILICIFIED DOLOMITE.																																														
/	140.19	140.83	0.64										X	DOLM																																			
L													70.0	(CA		QU																																	
R	140.19	140.83	DOLOMITE IS EXTENSIVELY SHEARED AND ALTERED.																																														
/	140.83	157.28	16.45										SI	X	DOLM																																		
L													70.0	(CA		4A																																	
R	140.83	157.28	LOCALLY SOME SILICIFIED DOLOMITE BRECCIA. VERY DARK GREY																																														
R	140.83	157.28	PATCHES ARE SILICIFIED. 2.5% BROWN CALCAREOUS PATCHES.																																														
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																
R	SUM																																																

*A. Heggmann*

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	2.59	4.20	95.00	274010	0.3	0.1
A 001	4.20	5.81	100.00	274020	0.3	0.1
A 001	5.81	7.43	100.00	274030	0.3	0.1
A 001	7.43	8.41	100.00	274040	0.9	0.1
A 001	8.41	9.40	100.00	274050	0.8	0.1
A 001	9.40	10.69	100.00	274060	0.6	0.1
A 001	10.69	11.31	95.00	274070	0.7	0.1
A 001	11.31	12.03	95.00	274080	0.3	0.1
A 001	12.03	13.69	95.00	274090	0.5	0.1
A 001	13.69	15.35	80.00	274100	0.3	0.1
A 001	15.35	17.01	85.00	274110	0.3	0.1
A 001	17.01	18.59	65.00	274120	0.8	0.1
A 001	18.59	20.63	100.00	274130	0.6	0.1
A 001	20.63	22.67	100.00	274140	0.3	0.1
A 001	22.67	24.71	95.00	274150	0.4	0.1
A 001	24.71	26.75	80.00	274160	0.3	0.1
A 001	26.75	28.80	80.00	274170	0.3	0.1
A 001	28.80	30.08	80.00	274180	0.3	0.1
A 001	30.08	31.83	95.00	274190	0.7	0.1
A 001	31.83	33.82	95.00	274200	0.3	0.1
A 001	33.82	35.13	100.00	274210	0.8	0.1
A 001	35.13	36.43	90.00	274220	0.8	0.1
A 001	36.43	37.96	95.00	274230	0.4	0.1
A 001	37.96	39.46	95.00	274240	0.3	0.1
A 001	39.46	40.00	95.00	274250	1.2	0.1
A 001	40.00	41.40	90.00	274260	2.3	0.8
A 001	41.40	43.32	90.00	274270	1.7	0.9
A 001	43.32	45.24	95.00	274280	1.6	1.5
A 001	45.24	47.16	90.00	274290	1.5	0.7
A 001	47.16	49.07	95.00	274300	0.9	0.1
A 001	49.07	51.04	100.00	274310	1.0	0.1
A 001	51.04	53.01	100.00	274320	0.3	0.1
A 001	53.01	54.98	95.00	274330	0.3	0.1
A 001	54.98	56.95	95.00	274340	0.3	0.1
A 001	56.95	58.94	95.00	274350	0.6	0.1
A 001	58.94	60.93	95.00	274360	0.3	0.1
A 001	60.93	62.92	100.00	274370	0.5	0.1
A 001	62.92	65.00	85.00	274380	0.3	0.1
A 001	65.00	67.08	100.00	274390	0.3	0.1
A 001	67.08	69.16	100.00	274400	0.6	0.1
A 001	69.16	70.96	95.00	274410	0.3	0.1
A 001	70.96	72.76	90.00	274420	0.3	0.1
A 001	72.76	74.56	90.00	274430	0.3	0.1
A 001	74.56	76.36	85.00	274440	0.8	0.1
A 001	76.36	78.33	100.00	274450	0.3	0.1
A 001	78.33	80.29	95.00	274460	0.3	0.1
A 001	80.29	82.14	95.00	274470		

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	82.14	83.99	100.00	274480	0.5	0.1
A 001	83.99	85.83	100.00	274490	0.6	0.1
A 001	85.83	87.75	95.00	274500	0.3	0.1
A 001	87.75	89.67	95.00	274510	0.4	0.1
A 001	89.67	91.59	95.00	274520	0.4	0.1
A 001	91.59	93.49	100.00	274530	0.3	0.1
A 001	93.49	95.58	100.00	274540	0.3	0.1
A 001	95.58	96.77	100.00	274550	0.3	0.1
A 001	96.77	98.65	100.00	274560	0.4	0.1
A 001	98.65	100.53	100.00	274570		
A 001	100.53	102.41	100.00	274580	0.3	0.1
A 001	102.41	104.28	95.00	274590	0.4	0.1
A 001	104.28	106.00	100.00	274600	0.4	0.1
A 001	106.00	107.72	100.00	274610	0.5	0.1
A 001	107.72	109.43	100.00	274620	0.5	0.1
A 001	109.43	111.14	100.00	274630	0.3	0.1
A 001	111.14	112.85	95.00	274640	0.4	0.1
A 001	112.85	114.56	100.00	274650	0.3	0.1
A 001	114.56	116.28	95.00	274660	0.3	0.1
A 001	116.28	117.77	100.00	274670	0.3	0.1
A 001	117.77	119.25	100.00	274680	0.3	0.1
A 001	119.25	121.19	95.00	274690	0.3	0.1
A 001	121.19	123.13	95.00	274700	0.6	0.1
A 001	123.13	125.07	100.00	274710	0.3	0.1
A 001	125.07	127.01	100.00	274720	0.3	0.1
A 001	127.01	128.95	95.00	274730	0.3	0.1
A 001	128.95	130.89	95.00	274740	0.6	0.1
A 001	130.89	132.83	100.00	274750	0.3	0.1
A 001	132.83	134.77	95.00	274760	1.0	0.1
A 001	134.77	136.71	95.00	274770	0.3	0.1
A 001	136.71	138.45	95.00	274780	0.5	0.1
A 001	138.45	140.19	95.00	274790	0.3	0.1
A 001	140.19	140.83	95.00	274800	0.5	0.1
A 001	140.83	142.89	100.00	274810	0.3	0.1
A 001	142.89	144.95	100.00	274820	0.3	0.1
A 001	144.95	147.01	95.00	274830	0.3	0.1
A 001	147.01	149.07	100.00	274840	0.3	0.1
A 001	149.07	151.13	100.00	274850	1.1	0.1
A 001	151.13	153.19	100.00	274860	0.3	0.1
A 001	153.19	155.25	95.00	274870	0.3	0.1
A 001	155.25	157.28	95.00	274880	0.4	0.1

## G E O L O G

CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH067 --- (CONTINUED)  
 THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY

PAGE - 7

R ASY	0.00	0.01	THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY	
A UMM	FROM	TO	RECOV	RECOV
A 002	0.00	2.59	0.00	0.0
A 002	2.59	2.90	0.00	90.0
A 002	2.90	3.35	0.00	100.0
A 002	3.35	4.88	0.00	100.0
A 002	4.88	6.40	0.00	100.0
A 002	6.40	7.92	0.00	100.0
A 002	7.92	9.45	0.00	100.0
A 002	9.45	10.97	0.00	100.0
A 002	10.97	12.50	0.00	95.0
A 002	12.50	14.02	0.00	100.0
A 002	14.02	15.54	0.00	75.0
A 002	15.54	17.07	0.00	85.0
A 002	17.07	18.59	0.00	65.0
A 002	18.59	20.42	0.00	100.0
A 002	20.42	21.64	0.00	100.0
A 002	21.64	22.86	0.00	100.0
A 002	22.86	24.38	0.00	100.0
A 002	24.38	25.91	0.00	80.0
A 002	25.91	27.58	0.00	85.0
A 002	27.58	29.57	0.00	95.0
A 002	29.57	30.48	0.00	85.0
A 002	30.48	32.10	0.00	100.0
A 002	32.10	33.68	0.00	95.0
A 002	33.68	35.25	0.00	100.0
A 002	35.25	36.88	0.00	90.0
A 002	36.88	38.40	0.00	100.0
A 002	38.40	39.93	0.00	95.0
A 002	39.93	41.45	0.00	90.0
A 002	41.45	42.98	0.00	85.0
A 002	42.98	44.50	0.00	100.0
A 002	44.50	46.02	0.00	95.0
A 002	46.02	47.55	0.00	90.0
A 002	47.55	49.07	0.00	100.0
A 002	49.07	50.60	0.00	100.0
A 002	50.60	52.12	0.00	100.0
A 002	52.12	53.64	0.00	100.0
A 002	53.64	55.17	0.00	95.0
A 002	55.17	56.69	0.00	100.0
A 002	56.69	58.22	0.00	95.0
A 002	58.22	59.74	0.00	95.0
A 002	59.74	61.26	0.00	100.0
A 002	61.26	62.79	0.00	100.0
A 002	62.79	64.31	0.00	80.0
A 002	64.31	65.84	0.00	100.0
A 002	65.84	67.36	0.00	100.0
A 002	67.36	68.88	0.00	100.0
A 002	68.88	70.41	0.00	90.0

## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH067 --- (CONTINUED)

PAGE - 8

A UMM	FROM	TO	RECOV	RECOV
A 002	70.41	71.93	0.00	100.0
A 002	71.93	73.46	0.00	80.0
A 002	73.46	74.98	0.00	100.0
A 002	74.98	76.50	0.00	80.0
A 002	76.50	78.03	0.00	100.0
A 002	78.03	79.55	0.00	100.0
A 002	79.55	81.08	0.00	95.0
A 002	81.08	82.60	0.00	95.0
A 002	82.60	84.12	0.00	100.0
A 002	84.12	85.65	0.00	100.0
A 002	85.65	87.17	0.00	95.0
A 002	87.17	88.70	0.00	95.0
A 002	88.70	90.22	0.00	100.0
A 002	90.22	91.74	0.00	95.0
A 002	91.74	93.27	0.00	100.0
A 002	93.27	94.79	0.00	100.0
A 002	94.79	96.32	0.00	100.0
A 002	96.32	97.84	0.00	100.0
A 002	97.84	99.37	0.00	100.0
A 002	99.37	100.89	0.00	100.0
A 002	100.89	102.41	0.00	100.0
A 002	102.41	103.94	0.00	95.0
A 002	103.94	105.46	0.00	100.0
A 002	105.46	106.99	0.00	100.0
A 002	106.99	108.51	0.00	100.0
A 002	108.51	110.03	0.00	100.0
A 002	110.03	111.56	0.00	100.0
A 002	111.56	113.08	0.00	95.0
A 002	113.08	114.60	0.00	100.0
A 002	114.60	116.13	0.00	95.0
A 002	116.13	117.65	0.00	100.0
A 002	117.65	119.18	0.00	100.0
A 002	119.18	120.70	0.00	100.0
A 002	120.70	122.22	0.00	95.0
A 002	122.22	123.75	0.00	100.0
A 002	123.75	125.27	0.00	100.0
A 002	125.27	126.80	0.00	100.0
A 002	126.80	128.32	0.00	95.0
A 002	128.32	129.84	0.00	100.0
A 002	129.84	131.37	0.00	95.0
A 002	131.37	132.89	0.00	100.0
A 002	132.89	134.42	0.00	95.0
A 002	134.42	135.94	0.00	100.0
A 002	135.94	137.46	0.00	85.0
A 002	137.46	138.99	0.00	100.0
A 002	138.99	140.51	0.00	95.0
A 002	140.51	142.04	0.00	100.0
A 002	142.04	143.56	0.00	95.0



## G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T84DH067 --- (CONTINUED)

PAGE - 9

A	UMM	FROM	TO	RECOV	RECOV
A	002	143.56	145.08	0.00	100.0
A	002	145.08	146.61	0.00	95.0
A	002	146.61	148.13	0.00	100.0
A	002	148.13	149.66	0.00	100.0
A	002	149.66	151.18	0.00	100.0
A	002	151.18	152.70	0.00	100.0
A	002	152.70	154.23	0.00	100.0
A	002	154.23	155.75	0.00	90.0
A	002	155.75	157.28	0.00	100.0

G E O L O G E D I T L I S T I N G

SYSTEMS ENGINEERING BY  
INTERNATIONAL GEOSYSTEMS CORP.

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.

FORMAT VERSION : 6802

DRILLHOLE/TRVERSE : T840H068  
TOTAL DEPTH/LENGTH : 142.95  
CORE/HOLE DIAMETER : HOND

COLLAR ELEVATION: 1821.28  
NORTHING(- IF S): 25936.97  
EASTING (- IF W): 24538.69

AZIMUTH( DEG ) : 153.76  
VERTICAL ANGLE : -64.00  
CO-ORD SYSTEM : GRD

GEOLOGGED BY : KVN + EDT  
DATE (YY/MM/DD): 840806  
PROJECT NUMBER : MS23

SEQ. NO OF SURVEY DATA	FLAGS	LENGTH FROM COLLAR TO SURVEY POINT	AZIMUTH ( DEG )	VERT. ANGLE ( DEG )
1	001	70.10	153.76	-64.50
2	002	142.95	153.76	-65.00

F - I N T E R V A L - CORE T- % TYPI- QAL TEX- GRAIN PGI STRUCTUR-1 ALTERATION MINS ORE-TYPE MINS SUMMARY  
 K L (UNITS = MT.2 DEC.PLACE)RECOV- M M ROCK FRYING MIN TURES CHARACS H H H H H ANY H H ANY STR  
 E A (METRIC) ERY O I TM TM MAT TX TX F C % M VNTK /RI T ID STK DIP A A A A A MIN A A A MIN - -  
 Y G F R O M - T O - I N T (PC.1) D X TYPE 1 2 QM1 1 2 F F C A NNCM 1 AZM RT QZ CA AK CL GY XX PY CP LI YY S I  
 -----  
 K F ROCK VUG QT DO CR QM2 TX TX S R S O VDNF T ID STK DIP MU DO CY FU HE HA JA SC FS HA ALT  
 E L QUAL GMM GG GG LC-H 3 4 O N H / PI 2 AZM RT H H H H H H H H H H F I  
 Y G DESIG COL A R D P C SMLF STRUCTUR-2 A A A A A A A A A A

/ 0.00 7.32 7.32 0.0 CASN P  
 R 0.00 7.32 NO CORE RECOVERY.

/ 7.32 58.49 51.17 90.0 SI DOLM BX SK 1 3 3 85 3 P Q2 V+ << << << << 2 6  
 L 58.6 \*CA TA 3435 P P7 <- << <- <- << 2 4  
 R 7.32 58.49 LIGHT TO MEDIUM GREY DOLOMITE WITH WHITE TO DARK GREY  
 R 7.32 58.49 SILICIFIED PATCHES AND TAN, LIMONITIC CALCAREOUS PATCHES  
 R 7.32 58.49 LOCALLY. UP TO 10% STRONGLY BRECCIATED TEXTURE WITH MATRIX OF  
 R 7.32 58.49 CALCAREOUS VEINS OR STOCKWORK. DARK GREY SILICIFIED PATCHES  
 R 7.32 58.49 ARE LOCALLY FOSSILIFEROUS WITH POSSIBLY SHELL FRAGMENTS AND  
 R 7.32 58.49 CRINOIDS. BROWN CALCAREOUS PATCHES MAY BE REMNANT LIMESTONE.

/ 11.64 12.47 0.83 X VNCA 6 7 8 183 R >X  
 L +CA W X 8 R LC 50  
 R 11.64 12.47 WHITE TO TRANSPARENT, VERY COARSE, COLUMNAR, PRISMATIC CALCITE  
 R 11.64 12.47 CRYSTALS FORM A SINGLE, LARGE VEIN.

/ 23.50 25.03 1.53 30.0 X FAUL CA/ BX SH 1 2 2 R Q= <+ PL P)  
 L 3U GG X R P5 G4 <<  
 R 23.50 25.03 CONTAINS 50% FRAGMENTS OF SILICIFIED DOLOMITE AND DOLOMITE,  
 R 23.50 25.03 FOSSILIFEROUS.

/ 27.03 29.00 1.97 X FAUL CA/ BX SH 1 2 2 R Q1 K+ P+  
 L OU GG X R P4 G4





G E O L O G

CHEVRON CANADA RESOURCES  
BEAR TOTEM GOLD PROPERTY NORTH B.C.  
DRILLHOLE/TRVERSE --- T840H068 --- (CONTINUED)

PAGE - 4

R SUM 122.53-123.22M DUE TO THE WIRELINE NOT LOCKING ONTO THE CORE  
R SUM TUBE PROPERLY. ON PULLING THE RODS APPROX 53CM OF PROBABLE  
R SUM DYKE MATERIAL WERE LOST DOWN THE HOLE. THERE WAS ONLY ONE  
R SUM INTERSECTION OF THE DYKE IN THIS HOLE.

*K. Niggordan*

A UMH	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	7.32	9.48	90.00	280010	0.4	0.1
A 001	9.48	11.64	95.00	280020	0.3	0.1
A 001	11.64	12.47	85.00	280030	0.3	0.1
A 001	12.47	14.31	95.00	280040	0.3	0.1
A 001	14.31	16.15	100.00	280050	0.6	0.1
A 001	16.15	17.99	100.00	280060	0.3	0.1
A 001	17.99	19.83	90.00	280070	0.3	0.1
A 001	19.83	21.67	100.00	280080	0.4	0.1
A 001	21.67	23.50	100.00	280090	0.3	0.1
A 001	23.50	25.03	30.00	280100	0.4	0.1
A 001	25.03	27.03	100.00	280110	0.4	0.1
A 001	27.03	28.04	25.00	280120	0.3	0.1
A 001	28.04	29.00	90.00	280130	3.0	0.1
A 001	29.00	30.94	95.00	280140	0.3	0.1
A 001	30.94	32.88	90.00	280150	0.9	0.1
A 001	32.88	34.82	90.00	280160	0.3	0.1
A 001	34.82	36.76	90.00	280170	0.4	0.1
A 001	36.76	38.71	95.00	280180	0.3	0.1
A 001	38.71	40.74	100.00	280190	1.2	0.1
A 001	40.74	42.77	100.00	280200	0.8	0.1
A 001	42.77	44.80	100.00	280210	0.3	0.1
A 001	44.80	46.83	95.00	280220	0.3	0.1
A 001	46.83	48.84	95.00	280230		
A 001	48.84	50.77	95.00	280240	0.7	0.1
A 001	50.77	52.70	100.00	280250	0.6	0.1
A 001	52.70	54.63	95.00	280260		
A 001	54.63	56.56	95.00	280270	0.3	0.1
A 001	56.56	58.49	90.00	280280	0.3	0.1
A 001	58.49	60.40	100.00	280290	0.3	0.1
A 001	60.40	62.31	100.00	280300	0.3	0.1
A 001	62.31	64.22	95.00	280310	0.4	0.1
A 001	64.22	66.13	100.00	280320	0.6	0.1
A 001	66.13	68.04	95.00	280330	0.6	0.1
A 001	68.04	69.95	100.00	280340	1.0	0.1
A 001	69.95	71.86	100.00	280350	0.4	0.1
A 001	71.86	73.77	100.00	280360	0.3	0.1
A 001	73.77	75.68	100.00	280370	0.5	0.1
A 001	75.68	77.56	100.00	280380	0.7	0.1
A 001	77.56	79.51	95.00	280390	0.6	0.1
A 001	79.51	81.46	100.00	280400	0.3	0.1
A 001	81.46	83.41	95.00	280410	0.3	0.1
A 001	83.41	85.36	95.00	280420	0.3	0.1
A 001	85.36	87.31	95.00	280430	0.3	0.1
A 001	87.31	89.26	100.00	280440	0.3	0.1
A 001	89.26	91.23	100.00	280450	0.6	0.1
A 001	91.23	92.92	100.00	280460	0.5	0.1
A 001	92.92	94.61	100.00	280470	0.3	0.1

A UMM	FROM	TO	RECOV	SAMPLE	G/T AG	G/T AU
A 001	94.61	96.30	90.00	280480	0.3	0.1
A 001	96.30	97.99	90.00	280490	0.3	0.1
A 001	97.99	99.06	45.00	280500	0.3	0.1
A 001	99.06	100.18	80.00	280510	0.7	0.1
A 001	100.18	101.30	85.00	280520	0.3	0.1
A 001	101.30	103.37	100.00	280530	0.3	0.1
A 001	103.37	105.44	100.00	280540	0.3	0.1
A 001	105.44	107.51	100.00	280550	0.3	0.1
A 001	107.51	109.58	100.00	280560	0.3	0.1
A 001	109.58	111.65	100.00	280570	0.3	0.1
A 001	111.65	113.72	100.00	280580	0.9	0.1
A 001	113.72	115.78	100.00	280590	0.3	0.1
A 001	115.78	116.87	100.00	280600	0.3	0.1
A 001	116.87	118.04	100.00	280610	0.8	0.1
A 001	118.04	119.21	95.00	280620	0.5	0.1
A 001	119.21	120.38	100.00	280630	0.6	0.1
A 001	120.38	121.56	100.00	280640	1.1	0.1
A 001	121.56	122.53	75.00	280650	1.0	0.1
A 001	122.53	123.22	23.00	280660	0.3	0.1
A 001	123.22	124.22	100.00	280670	0.6	0.1
A 001	124.22	125.22	95.00	280680		
A 001	125.22	126.22	95.00	280690	0.3	0.1
A 001	126.22	127.22	95.00	280700	0.7	0.1
A 001	127.22	128.22	100.00	280710	1.0	0.1
A 001	128.22	130.24	100.00	280720	0.6	0.1
A 001	130.24	132.26	100.00	280730	0.8	0.1
A 001	132.26	134.28	100.00	280740	0.3	0.1
A 001	134.28	136.30	100.00	280750	0.3	0.1
A 001	136.30	138.32	100.00	280760	0.3	0.1
A 001	138.32	140.34	100.00	280770	0.3	0.1
A 001	140.34	141.65	100.00	280780	2.1	1.3
A 001	141.65	142.95	100.00	280790	2.5	1.7

## G E O L O G

CHEVRON CANADA RESOURCES  
 BEAR TOTEM GOLD PROPERTY NORTH B.C.  
 DRILLHOLE/TRVERSE --- T84DH068 --- (CONTINUED)

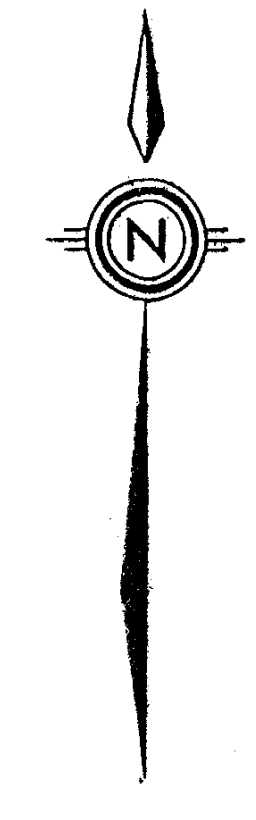
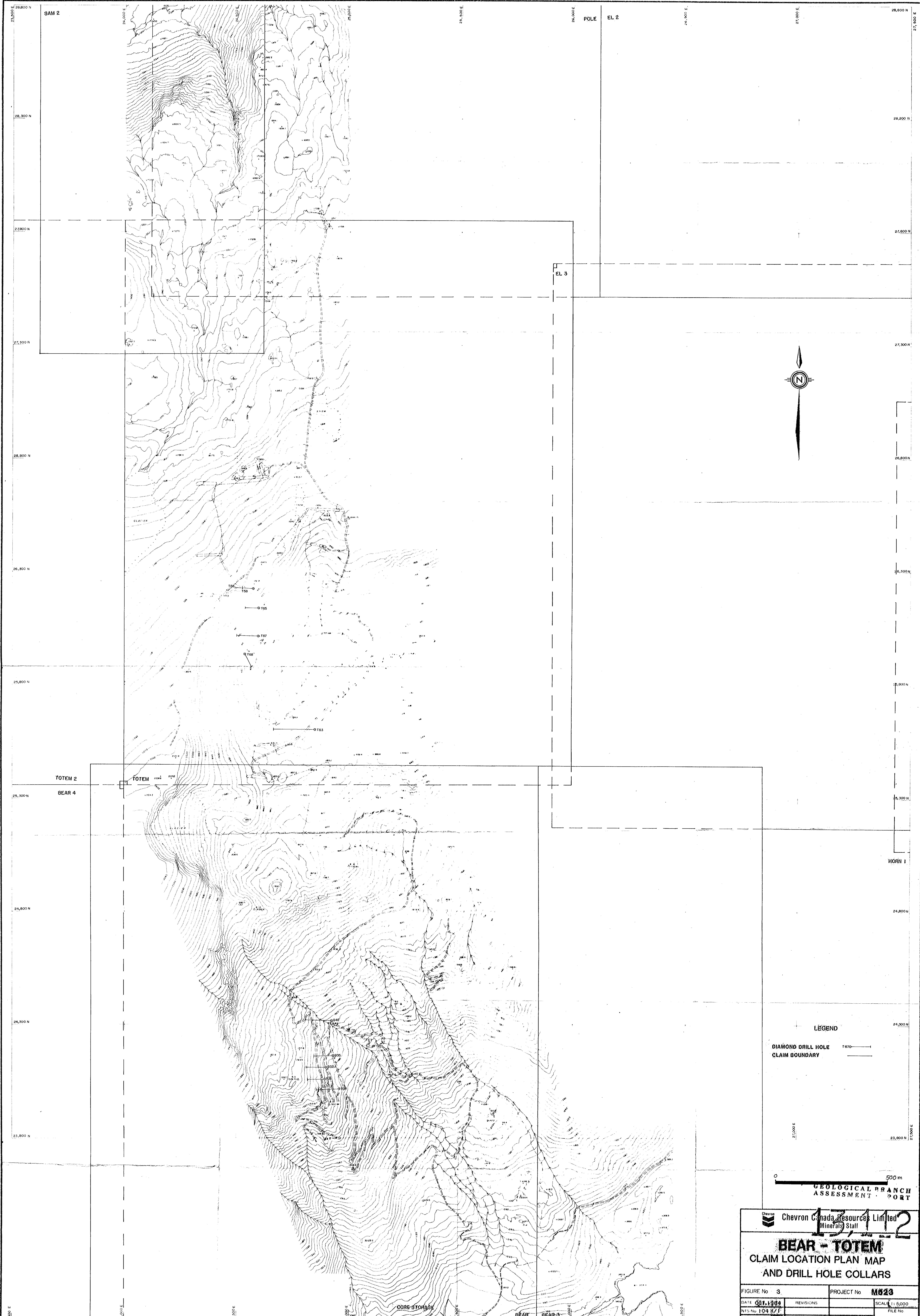
PAGE - 7

R ASY 0.00 0.01 THE SAMPLES FROM A002 ARE BLOCK TO BLOCK RECOVERY

A UMM	FROM	TO	RECOV	RECOV
A 002	0.00	7.32	0.00	0.0
A 002	7.32	8.38	0.00	80.0
A 002	8.38	9.30	0.00	100.0
A 002	9.30	10.97	0.00	95.0
A 002	10.97	11.89	0.00	100.0
A 002	11.89	12.80	0.00	80.0
A 002	12.80	14.02	0.00	100.0
A 002	14.02	15.24	0.00	100.0
A 002	15.24	15.54	0.00	100.0
A 002	15.54	17.07	0.00	100.0
A 002	17.07	18.59	0.00	100.0
A 002	18.59	20.12	0.00	85.0
A 002	20.12	21.64	0.00	100.0
A 002	21.64	23.16	0.00	100.0
A 002	23.16	24.84	0.00	35.0
A 002	24.84	26.52	0.00	100.0
A 002	26.52	28.04	0.00	50.0
A 002	28.04	29.57	0.00	90.0
A 002	29.57	31.09	0.00	95.0
A 002	31.09	32.61	0.00	90.0
A 002	32.61	34.14	0.00	90.0
A 002	34.14	35.66	0.00	90.0
A 002	35.66	37.19	0.00	90.0
A 002	37.19	38.71	0.00	100.0
A 002	38.71	40.23	0.00	100.0
A 002	40.23	41.76	0.00	100.0
A 002	41.76	43.28	0.00	100.0
A 002	43.28	44.81	0.00	100.0
A 002	44.81	46.33	0.00	95.0
A 002	46.33	47.85	0.00	100.0
A 002	47.85	49.38	0.00	90.0
A 002	49.38	50.90	0.00	100.0
A 002	50.90	52.43	0.00	100.0
A 002	52.43	53.95	0.00	100.0
A 002	53.95	55.47	0.00	90.0
A 002	55.47	57.00	0.00	95.0
A 002	57.00	57.91	0.00	90.0
A 002	57.91	58.52	0.00	90.0
A 002	58.52	60.05	0.00	100.0
A 002	60.05	61.57	0.00	100.0
A 002	61.57	63.09	0.00	100.0
A 002	63.09	64.62	0.00	95.0
A 002	64.62	66.14	0.00	100.0
A 002	66.14	67.67	0.00	95.0
A 002	67.67	69.19	0.00	100.0
A 002	69.19	70.71	0.00	95.0
A 002	70.71	72.24	0.00	100.0



A UMM	FROM	TO	RECOV	RECOV
A 002	72.24	73.76	0.00	100.0
A 002	73.76	75.29	0.00	100.0
A 002	75.29	76.81	0.00	100.0
A 002	76.81	78.33	0.00	100.0
A 002	78.33	79.86	0.00	95.0
A 002	79.86	81.38	0.00	100.0
A 002	81.38	82.91	0.00	95.0
A 002	82.91	84.43	0.00	100.0
A 002	84.43	85.95	0.00	90.0
A 002	85.95	87.48	0.00	95.0
A 002	87.48	88.70	0.00	100.0
A 002	88.70	90.22	0.00	100.0
A 002	90.22	91.90	0.00	100.0
A 002	91.90	93.57	0.00	100.0
A 002	93.57	94.79	0.00	100.0
A 002	94.79	96.47	0.00	90.0
A 002	96.47	97.99	0.00	90.0
A 002	97.99	99.06	0.00	45.0
A 002	99.06	100.89	0.00	80.0
A 002	100.89	102.41	0.00	100.0
A 002	102.41	104.09	0.00	95.0
A 002	104.09	105.61	0.00	100.0
A 002	105.61	107.29	0.00	100.0
A 002	107.29	108.81	0.00	105.0
A 002	108.81	110.34	0.00	105.0
A 002	110.34	111.86	0.00	105.0
A 002	111.86	113.39	0.00	105.0
A 002	113.39	114.91	0.00	105.0
A 002	114.91	116.43	0.00	100.0
A 002	116.43	117.96	0.00	100.0
A 002	117.96	119.48	0.00	95.0
A 002	119.48	121.01	0.00	100.0
A 002	121.01	122.53	0.00	85.0
A 002	122.53	123.44	0.00	40.0
A 002	123.44	124.66	0.00	100.0
A 002	124.66	125.58	0.00	95.0
A 002	125.58	127.10	0.00	90.0
A 002	127.10	128.63	0.00	100.0
A 002	128.63	130.15	0.00	100.0
A 002	130.15	131.67	0.00	100.0
A 002	131.67	133.20	0.00	100.0
A 002	133.20	134.72	0.00	100.0
A 002	134.72	136.25	0.00	100.0
A 002	136.25	137.77	0.00	100.0
A 002	137.77	139.29	0.00	100.0
A 002	139.29	140.82	0.00	100.0
A 002	140.82	142.34	0.00	100.0
A 002	142.34	142.95	0.00	100.0



**LEGEND**  
 DIAMOND DRILL HOLE      TOTO  
 CLAIM BOUNDARY      ———

0 500 m  
 GEOLOGICAL BRANCH  
 ASSESSMENT PORT

		<b>13112</b>
<b>BEAR - TOTE M</b> <b>CLAIM LOCATION PLAN MAP</b> <b>AND DRILL HOLE COLLARS</b>		
FIGURE No. 3	PROJECT No. <b>M023</b>	
DATE: 001.1989	REVISIONS:	SCALE: 1:5,000
NFS No. 104 K/F		FILE No.
COMPILED BY: K/S		