SURVEY AND DIAMOND DRILLING REPORT GEOPHYSICAL

ON THE

Silver Cup, Silver Cup 1&2, Big Qua, Maple Leaf, Vincent, High Command, Sam, Golden Eagle 1 to 4, Tuya 1 to 4, Cor 1 to 3, Cor 1 to 3 fractions, Nez and Kea mineral claims, known as the

TOPLEY PROPERTY

-34.5 LAT. 54° 22 N- LONG. 126° 53'W N.T.S. 93L/9E,9W

OMINECA MINING DIVISION

FILMED

Owned by: Bishop Resources Development Ltd., W.H. Morris, L. Perry, Ronald Williams

and K.F. Branner

Operated by: Bishop Resources Development Ltd.

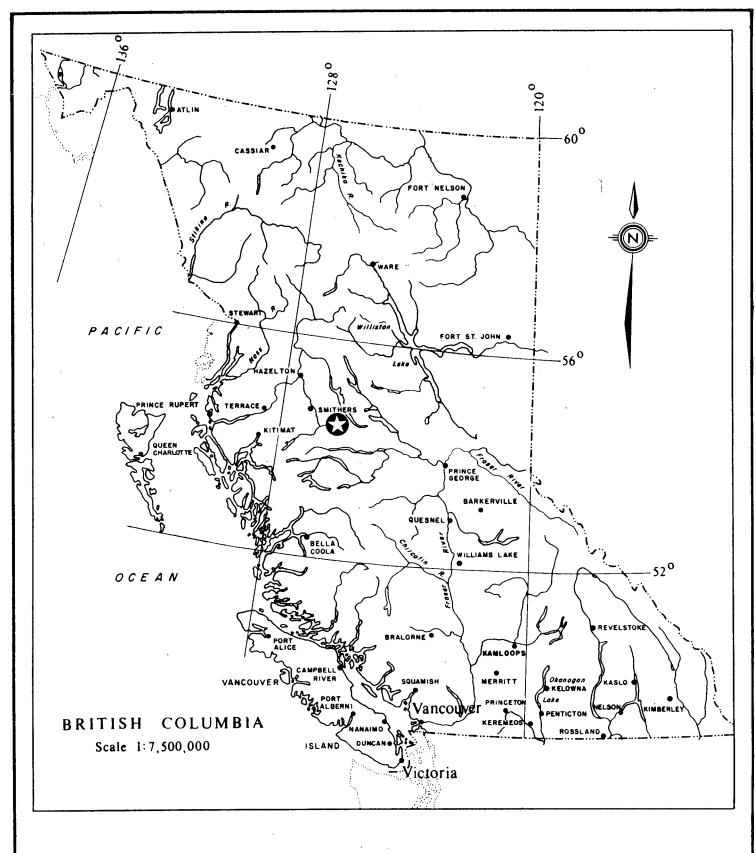
GEOUOGICAL BRANCH ASSESSMENT REPORT

E.S. Holt, P.Eng.(B.C.)
Alt Engineering Ltd. November, 1985

HOLT ENGINEERING LTD.

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BOUND IN REPORT
- A report on "An Induced Polarization Survey" by Peter E. Walcott and Associates Limited, dated October, 1985
 Drill Hole Geological Logs for holes 85-1 to 14 inclusive.
- Drill Hole Assay Logs for holes 85-9 to 14 inclusive
- Assay Certificates
IN POCKET
Contours of Apparent Resistivity, $a=50m$, $n=1$ Contours of Apparent Resistivity, $a=50m$, $n=2$
Contours of Apparent Chargeability, $a=50m,\ n=1$ Contours of Apparent Chargeability, $a=50m,\ n=2$
Drill Hole Location Plan, 1:5000
Topographic Plan, 1:20,000



TOPLEY PROPERTY

PROJECT LOCATION

INTRODUCTION

The Topley property is located within the Omineca Mining Division in the central interior of British Columbia, approximately 8 kilometres north-northeast of the village of Topley. The geodetic coordinates are 54° 32'N, 126° 13'W.

Topley is serviced by the Yellowhead Highway and the main line of the C.N. Railway connecting Prince George and Prince Rupert. The property is accessible from Topley by travelling north on the paved Granisle-Babine Lake road for 4.4 kilometres, then north easterly on an improved gravel road for .5 kilometres, followed by a further 5.3 kilometres leading easterly to the Golden Eagle workings. The latter section of road is unimproved and limited to 4-wheel drive traffic during most of the field season.

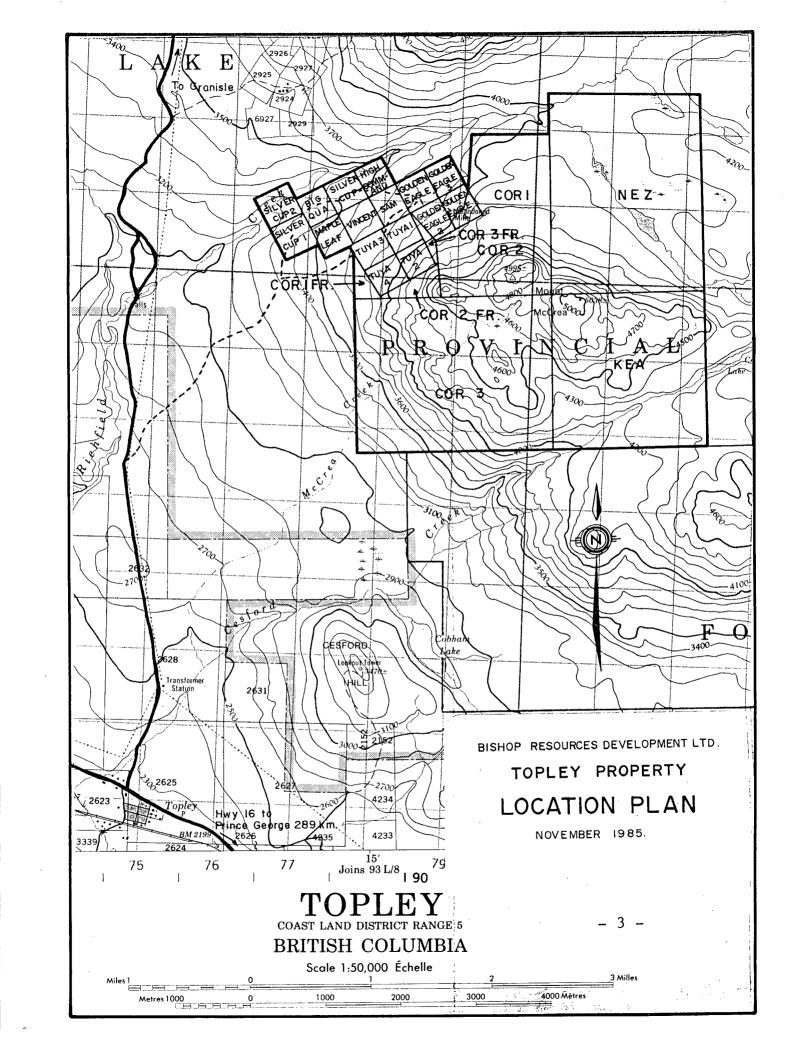
To date, two types of mineral concentrations have been discovered on the property. In the Silver Cup area chalcopyrite, sphalerite and galena are associated with quartz carbonate veining and extensive alteration. The Golden Eagle mineralization occurs primarily as narrow veins and fracture fillings, but carries much higher concentrations of silver, with tetrahedrite being one of th principal sulphides present. The Silver Cup showings were discovered during the early 1900's with the first recorded work occurring during 1911. Significant exploration programs were carried out during the 1930's including development work in the form of pits, shafts and adits. Sporadic exploration and development activity has occurred over the years. During 1981, Bishop Resources Development Ltd. acquired the Silver Cup mineral claims and subsequently assembled a substantial claim block in the area.

The new operators pursued a vigorous exploration program including several thousand feet of diamond drilling.

HOLT ENGINEERING LTD. – 1 –

The exploration work described in this report is part of Bishop's program to assess the mineral potential of the area.

_ 2 _



GEOPHYSICAL SURVEY

An induced polarization survey was carried out on the Topley property by Peter E. Walcott and Associates during the period August 19 to 31 inclusive. The survey specifications and results are discussed in detail in Mr. Walcott's report dated October 1985. His written report is bound with this report, while the drawings are provided in the pocket.

The survey covered 33 line kilometres in the northeastern portion of the claim block. This area includes the known Golden Eagle and Silver Cup deposits.

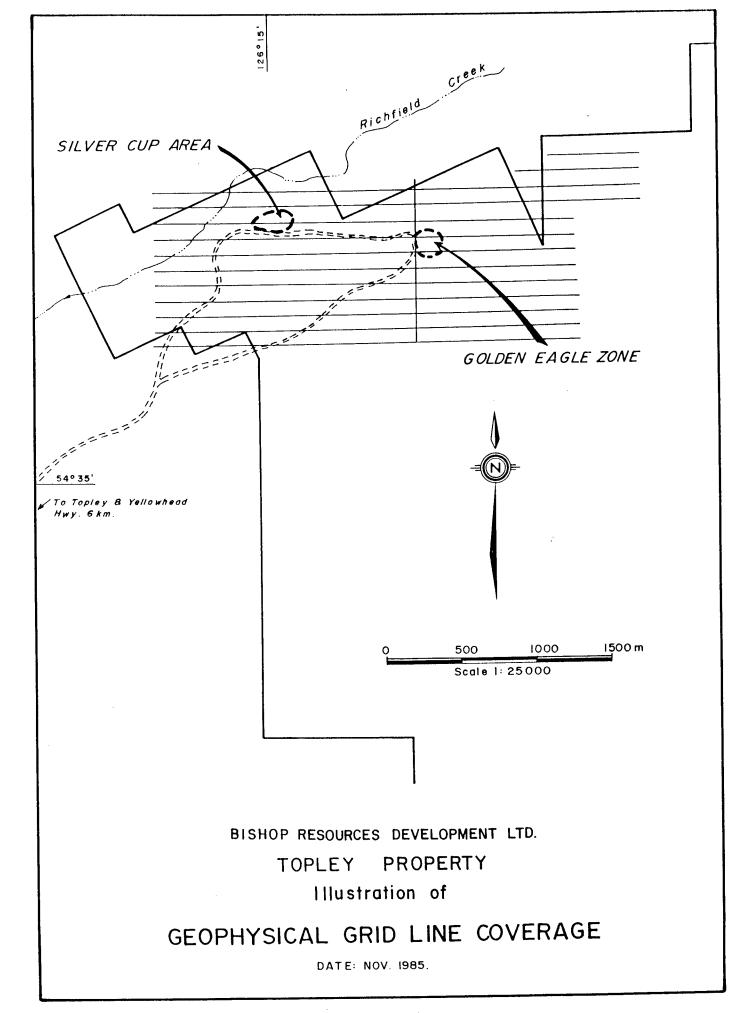
The principal objective of the survey was to investigate the possibility that other concealed sulphide concentrations occur in the area. The Golden Eagle zone, in particular, contains very high grade silver values in a network of narrow veins. Larger masses of such material would constitute a quality exploration target.

Control for the geophysical survey was established by preparing cut lines at 100 metre intervals with the lines running in an east-west direction. The line cutting and related chaining was done by Van Alphen Exploration Services of Smithers, under the supervision of Kevin F. Branner.

The survey grid was also utilized as control for geological mapping and a limited geochemical survey covering the eastern portion of the grid.

Detail of the induced polarization survey results are provided in Mr. Walcott's report which is appended and on the related drawings which are enclosed in the pocket.

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DRILLING REPORT

During the 1985 field season 14 diamond drill holes have been completed on the Topley property. A summary of the drilling is as follows:

Hole	Dip	Footage	Area Tested
1	-45 ⁰	69	Golden Eagle
2	-45°	69	Golden Eagle
3	~53°	80	Golden Eagle
4	-45 ^O	89	Golden Eagle
5	-45 ^O	89	Golden Eagle
6	-45°	99	Golden Eagle
7	-45 ⁰	88	Golden Eagle
8	-45 ⁰	72	Golden Eagle
9	-45°	297	Silver Cup
10	-45°	225	Golden Eagle
11	-65°	317	Golden Eagle
12	-50 °	355	I.P.Anomaly E
1.3	~50°	337	I.P.Anomaly E
14	~50°	254	I.P.Anomaly D

The relative locations of the holes in the Golden Eagle area are illustrated by the drawing on the following page, while all of the 1985 drill collar locations are shown on Drawing #1 enclosed in the pocket. The letter drawing also shows the claim boundaries and survey grid relative to the drill hole locations.

All the holes were drilled with NQ size equipment and recoveries were seldom less than 90%.

As will be noted in the summary above, ten of the holes were

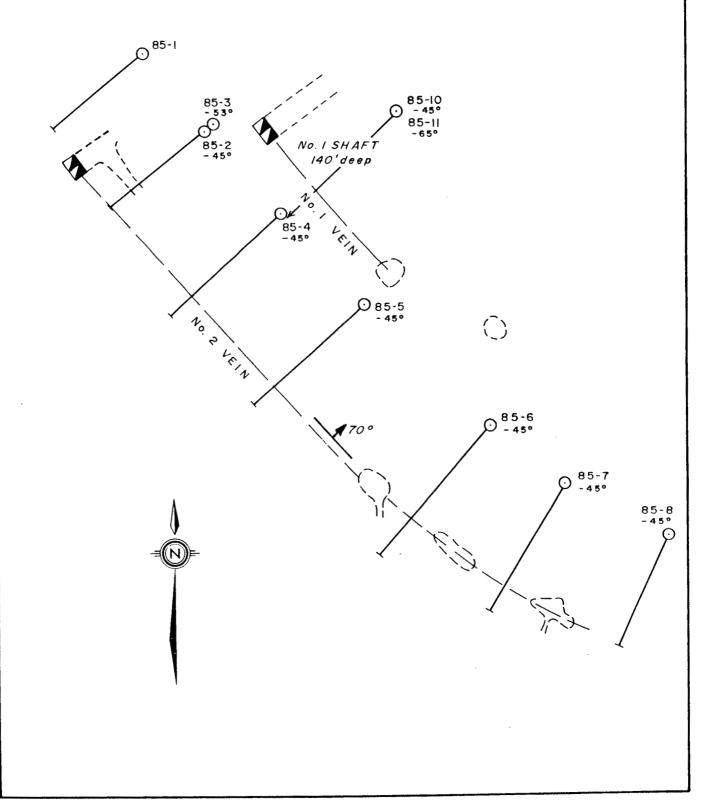
SHAFT IA
15'deep

GOLDEN EAGLE ZONE

DRILL COLLAR LOCATIONS

1985 DIAMOND DRILLING

Scale 1: 480 DATE: NOV. 1985.



drilled in the Golden Eagle area, five of which encountered significant mineralization:

	Interval				Ag	<u>Au</u>
Hole	in feet	%Cu	%Pb	<u>%Zn</u>	oz/ton	oz/ton
0.5.0						
85–3	1.3	.16	.96	1.9	31.98	.046
85-4	1.7	.07	.59	1.28	10.18	.008
85-5	1.6	.37	1.34	.44	64.43	.044
	2.5	.63	15.29	3.17	76.27	.058
85-6	1.7	.23	3.58	1.54	38.08	.220
85-7	0.9	.06	.22	.06	21.91	.030

All of the well mineralized intervals displayed similar geologic characteristics. They are associated with quartz-carbonate vein material which was mineralized with stringers of galena, sphalerite, pyrite, chalcopyrite, tetrahedrite and minor amounts of other unidentified grey sulphides. The total sulphide content was generally less than 15% of the total vein material.

The vein occurs within a pyroclastic unit of the Hazelton Group which becomes bleached and highly altered adjacent to the vein. The host rock appears to be an altered lapilli tuff with some breccia size angular fragments of variable size and composition. The unit is characterized by highly variable colour, ranging from grey to redish green and brown. Silicification was fairly pervasive in the area drilled and epidotization occurred locally.

The drilling was designed to test the down dip extension of surface showings which had been exposed in old surface pits and one short inclined shaft. With three exceptions, the holes were drilled at -45 degrees and tested the vein structure approximately 40 feet below surface. The exceptions were hole number 85-3 which was steepened to 53 degrees in order to pass under a small stope which was penetrated by 85-2, and 85-10 and

11 which were designed to test the down dip extension of the vein structure.

As will be noted, the drilling tested approximately 300 feet of strike length. Hole number 85-7 encountered two major fault zones which could offset the structure to the south east. With the exception of the immediate area of the drilling, rock exposures are relatively rare and geological mapping is currently limited to the eastern half of the survey grid.

The assay results correspond to visual observations of the abundance of chalcopyrite, galena and sphalerite. In addition, there appears to be a distinct correlation between lead and silver content. Both the assay certificates and the drill logs are included as appendices.

Preliminary indications are that the Golden Eagle structure dips 70 degrees to the northeast. The true width of the vein would therefore be approximately 90% of the drill core interval.

Hole 85-9 was drilled to test a geologic theory regarding the attitude of the Silver Cup zone. Previous drilling in the vicinity encountered geologic conditions which were inconsistent and therefore subject to reinterpretation. An 18.4 metre (60.5 ft.) interval of highly altered pyroclastics was intersected from 67.7 to 86.1 metres. The zone was mineralized throughout with sulphides, iron oxides and minor quartz-carbonate occurring as fracture fillings and irregular stringers. Assay results indicate that the mineralization in this location does not carry significant precious metal values. The best intersection was a 3 m (10 foot) interval, commencing at 72.2m (237 ft.), which assayed 1.06% Zn, 0.54% Pb, 0.05% Cu, 17.3 grams per tonne silver and 0.21 grams per tonne gold.

Holes 85-12, 13 and 14 were all drilled to test I.P. anomalies.

They encountered extensive intervals of maroon pyroclastics that were essentially unmineralized. The reason for the anomaly was not apparent from the drill core.

Detailed rock descriptions for each hole are provided in the appended "Drill Hole Geologic Log", while the assay results for the intervals assayed are shown in the "Drill Hole Assay Logs".

The core is stored in well constructed core storage racks adjacent to the Golden Eagle zone on the property.

S. HOLT

BRITISH

Respectfully submitted,

Hort

E.S. Holt, P.Eng.

APPENDIX A

HOLT ENGINEERING LTD.

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STATEMENT OF COSTS

The 1985 exploration program on the Topley property was carried out by the following companies and individual employees:

BISHOP RESOURCES DEVELOPMENT LTD., Suite 914-1281 W. Georgia St., Vancouver, B.C., V6E 3J7

- carried out all diamond drilling and related access road improvement, utilizing company owned drill, tractor and field vehicles; provided on-site supervision and assistance for exploration contractors.

NAME	OCCUPATION	DATES_WORKED
K.F. Branner	Manager, driller,	March 20, 21, 25-29
(holes 85-1	Cat operator	Apr. 3,4,10,11,13,22-27
to 15)		May 16,9-21,23,24,26-31
		June 1,2,4-8,25-30
		July 2-13
		Oct. 8-13,15-27,28-31
		Nov. 1-6. 16-19
B. Stanley	Drill helper	May 9-21,23,24,26-31
(holes 85-4		June 1,2,4-8,26-30
to 11)		July 3-8,10-13
C. Stanley	Drill helper	April 22-27
(holes 85-1	(fill in)	
to 3)		
R. Fontaine	Drill helper	Oct. 11-13,15-20,24,31
(holes 85-12		Nov. 1,3-5,16-19
to 15)		

PETER E. WALCOTT & ASSOCIATES LTD., 605 Rutland Court, Coquitlamlam, B.C., V3J 3T8

- carried out the induced polarization survey. The work was done on a cost per kilometre of survey basis.

NAME	OCCUPATION	DATES WORKED
Peter E. Walcott	Geophysicist	Sept. 5, 26
		Oct. 3,4,1985
G. MacMillan	Geophysical	Aug. 19-31,
	Operator	Sept. 28-30, 1985
V. Pashniak	11	Aug. 19-31, 1985
D. Sloan	11	11
P. Charlie	11	11
R. Summerfield	Geophysical	11
	Helper	
W. Jackson	11	Aug. 19-27, 1985
J. Walcott	Typing	Oct. 4, 1985

HOLT ENGINEERING LTD., 4091 St. Albans Ave., North Vancouver, B.C., V7N 1S9

- logged drill core, prepared reports and provided general geological consulting services (\$450 / day).

E.S. Holt Geologist

May 22-25

June 4-8, 12-15

July 20,21

Aug. 26-31

Sept. 22,23

Oct. 29,30,31

Nov. 4-9, 22,25

McELHANNEY SURVEYING & ENGINEERING, 200-1166 Alberni St., Vancouver, B.C., V6E 1A5

- established on-site survey control and prepared 1:2500 scale topographic plan during the month of July, 1985. The work was done on a fixed price contract. Westland Helicoptors provided support services while establishing the survey control.

VAN ALPHEN EXPLORATION SERVICES, P.O. Box 754, Smithers, B.C., VOJ 2NO

- provided 33 kilometres of cut and picked grid line. The work was done for a contract price of \$350 / km.

NAME	OCCUPATION	DATES WORKED		
Adrian Rollins	Compass man	Aug. 8 - 20 incl.		
Keven Branner	Line Cutter	Aug. 8 - 20 incl.		
Max Loutenbacher	Line Cutter	Aug. 8 - 15 incl.		
Henke van Alpen	Supervisor	Aug. 8 - 20 incl.		

As will be noted, the costs outlined on the following pages are designated according to specific time periods which correspond with anniversary dates. A significant portion of the 1985 exploration costs are not included in the statement as they did not coincide with assessment recording regulations.

In the interest of providing a complete report, 1985 holes 1 to 14 have all been included, even though the costs associated with same could not be utilized for assessment purposes.

	WORK CONDUCTED BETWEEN April	1, 1985 and July 31, 1985 on the COR	CLAIMS.
-	CHEQUE NUMBER	ITEM	AMOUNT
	225	LONGYEAR CANADA, INC. ("38" REPAIR)	\$ 732.31
	231	K. F. BRANNER (Advance on wages)	1,100.00
	233	ACME ANALYTICAL LABS. LTD. (Assays, 85 1-3)	250.25
	240	LONGYEAR CANADA, INC. (Bits, drill equip.)	4,770.88
	246	PLEASANT VALLEY MOTEL (Accom. drill helper, engineering)	1,000.00
	258	LONGYEAR CANADA, INC. (Bits, drill equip.)	3,413.26
	262	HOLT ENGINEERING LTD. (Consulting services)	1,000.00
	263	PLEASANT VALLEY MOTEL (Accom. drill helper, engineering)	500.00
	265	RECEIVE GENERAL OF CANADA (Payroll remit. drill crew)	2,985.28
	266	K. F. BRANNER (Wages, Golden Eagle drilling)	3,763.15
	267	B. STANLEY (Wages, Golden Eagle drilling)	2,510.12
	269	ACME ANALYTICAL LABSL LTD. (Assays 85-4 to 85-8	455.00
	277	HOLT ENGINEERING LTD. (Consulting services)	350.00
	281	LONGYEAR CANADA, INC. (Bits, cheque for \$5,489.53, apply \$1,692.78 to Topley)	1,692.78
	284	HOLT ENGINEERING LTD. (Consulting services)	3,406.69
	306	B. STANLEY (Wages, Golden Eagle, Silver Cup dri	11) 1,219.54
	309	K. F. BRANNER (Wages, Golden Eagle, Silver Cup dri	1,861.86 11)
	329	RECEIVER GENERAL OF CANADA (Payroll remit. drill crew wages)	1,689.43
	330	HOLT ENGINEERING LTD. (Consulting services) - 15 - TOTAL \$	1,369.60 34,070.15

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CHEQUE NUMB	ER	ITEM	ΑN	10UNT
290		WESTLAND HELICOPTERS (Field survey topo map)	\$	4,158.30*
322		McELHANNEY SURVEYING & ENG. (Topo map, deposit)		1,500.00*
331		McELHANNEY SURVEYING & ENG. (Topo map, progress bill)		5,000.00*
332		VAN ALPHEN EXPL. SERVICES (Line-cutting, deposit)		2,000.00*
334		PETER E. WALCOTT & ASSOC. LTD. (I.P. Survey, deposit)		7,500.00**
340		McELHANNEY SURVEYING & ENG. (Topo map, bal. payment)		390.00*
349		VAN ALPHEN EXPL. SERVICES (Line-cutting, progress payment)		5,000.00*
364		HOLT ENGINEERING LTD. (Geological mapping and related consulting services)		3,468.49**
367		VAN ALPHEN EXPL. SERVICES (Line-cutting, final payment)		4,865.00*
376		PETER E. WALCOTT & ASSOC. LTD.		17,253.00**
		TOTAL	\$	51,134.79
NOTE:		carried out between dates of and August 29, 1985. (\$ 22,913.3	0)	

** denotes work carried out between dates of August 15, 1985 and October 6, 1985. (\$ 28,221.49)

* applied to Nez, Kea claims
** applied to Silver Cup, Golden Eagle, Tuya claims

APPENDIX B

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STATEMENT OF QUALIFICATIONS

- I, Edward S. Holt of North Vancouver, British Columbia, do hereby certify:
 - 1. that I am a geologist residing at 4091 St. Albans Avenue, North Vancouver, British Columbia,
 - 2. that I am a Professional Engineer registered in the Province of British Columbia,
 - 3. that I am employed by Holt Engineering Ltd., 4091 St. Albans Avenue, North Vancouver, British Columbia,
 - 4. that I have personal knowledge of the Topley property, having visited the site on several occasions to log drill core, examine surface workings and carry out geological mapping.

Edward S. Holt

December 3, 1985 North Vancouver, B.C.

A REPORT

ON

AN INDUCED POLARIZATION SURVEY

Topley Area, British Columbia 54° 35'N, 126° 15'W

FOR

BISHOP RESOURCES DEVELOPMENT LTD.

Vancouver, B.C.

BY

PETER E. WALCOTT AND ASSOCIATES LIMITED

Vancouver, B.C.

OCTOBER 1985

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GRID LOCATION MAP	
ACCOMPANYING MAPS - Scale 1:5000	Map Pocket
CONTOURS OF APPARENT RESISTIVITY $a = 50m$, $n = 1$	W-373-1 W-373-2
CONTOURS OF APPARENT CHARGEABILITY $a = 50 \text{ m}, n = 1$ " , $n = 2$	W-373-3 W-373-4

INTRODUCTION.

Between August 19th and 31st, 1985, Peter E. Walcott & Associates Limited carried out an induced polarization (I.P.) survey over part of a property, located in the Topley area of British Columbia, for Bishop Resources Development Ltd.

The survey was carried out over east-west handcut lines that were turned off at right angles from a north-south baseline, and chained and picketed at 25 metre interval's.

Measurements (first and second separation) of apparent resistivity and chargeability (the I.P. response parameter) were made along the lines using the "pole-dipôle" method of surveying and employing a 50 metre dipole.

The data are presented in contour form on plan maps of the grid that accompany this report.

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PROPERTY, LOCATION AND ACCESS

The property is located in the Omineca Mining District of British Columbia and is situated some six kilometres north east of the settlement of Topley, British Columbia.

Access was obtained by means of four wheel drive vehicle along a bush road off the Topley Landing road, some four kilometres from its junction with the Yellowhead Highway, i.e. Hwy 16.

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PREVIOUS WORK.

Previous work on the property consisted of drilling, shaft sinking and tunnelling from the 1920's, and more recently drilling and prospecting by Bishop Resources. The results of all this are documented in reports held by Bishop Resources Ltd.

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PURPOSE.

The purpose of the survey was to examine the I.P. response (if any) of the known Silver Cup and Golden Eagle Zones, where economic sulphide intersections were encountered in more widespread mineralization, in an effort to define other zones of possible sulphide mineralization on the property.

PETER E. WALCOIT & ASSOC. LTD.
- 5 -
GEOLOGY
The reader is referred to the forementioned reports held by Bishop Resources.

SURVEY SPECIFICATIONS.

The induced polarization (I.P.) survey was carried out using a pulse type system, the principal components of which are manufactured by Huntec Limited of Metropolitan Toronto, Ontario.

The system consists basically of three units: a receiver, a transmitter and a motor generator. The transmitter, which provides a maximum of 2.5 kw d.c. to the ground, obtains its power from a 2.5 kw 400 c.p.s. three phase alternator driven by a gasoline engine. The cycling rate of the transmitter is 2 seconds "current-on" and 2 seconds "current- off" with the pulses reversing continuously in polarity. The data recorded in the field consists of careful measurement of the current (I) in amperes flowing through electrodes C₁ and C₂, the primary voltage (V) appearing between the two potential electrodes, P₁ and P₂, during the "current-on" part of the cycle, and the apparent chargeability (Ma) presented as a direct readout using a 100 millisecond delay and a 1000 millisecond sample window by the receiver, a digital receiver controlled by a microprocessor.

The apparent resistivity (P_a) in ohm metres is proportional to the ratio of the primary voltage and the measured current, the proportionality factor depending on the geometry of the array used. The chargeability and resistivity are called apparent as they are values which that portion of the earth sampled would have if it were homogeneous. As the earth sampled is usually inhomogeneous the calculated apparent chargeability and resistivity are functions of the actual chargeability and resistivity of the rocks.

The survey was carried out using the "pole-dipole" method of surveying. In this method the current electrode C_1 , and the two potential electrodes, P_1 and P_2 , are moved in unison along the survey lines. The spacing "na" (n an integer) between C_1 and P_1 is kept constant for each traverse at a distance roughly equal to the depth to be explored by that traverse, while that of P_1 and P_2 (the dipole) is kept constant at "a". The second current electrode C_2 is kept constant at "infinity".

Thus usually on a "pole-dipole" array traverse with an electrode spacing of 100 metres a body lying at a depth of 50 metres will produce a strong response, whereas the same body lying at a depth of 100 metres will only just be detected. By running subsequent traverses at different electrode separations, more precise estimates can be made of depth, width, thickness and percentage of sulphides off causative bodies located by the I.P. method.

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SURVEY SPECIFICATIONS cont'd

 $\,$ A 50 metre dipole was used on the survey, and first and second separation measurements obtained.

In all some 33 kilometres of I.P. surveying were undertaken.

DISCUSSION OF RESULTS.

It should be mentioned here that the writer is composing this report with the aid of a map showing only the location of the adits, trenches and previous drill hole locations. For a more meaningful (?) review of the data the results should be related to widths and volume concentration of the mineralization.

However from a perusal of the former it can be noted that:

- (1) The background chargeability is of the order of 2 to 3 milliseconds, above which several anomalous zones outlined by the 5 millisecond contours are discernible.
- (2) The bulk of the Silver Cup drilling coincides with stronger portions of anomalous zone "A".
- (3) Adits to the east of the Silver Cup zone are coincident with the location of stronger chargeability responses within zone "A".
- (4) The narrow massive vein mineralization of the Golden Eagle zone is located within zone "B".
- (5) The three other major discernible zones, namely zones "C", "D" & "E", appear as yet, to the best of the writer's knowledge, to be untested as to their causative source (s) by drilling.

Zone "E", firstly detected at the eastern edge of the proposed coverage, with subsequent extention of the lines, is as yet undefined in all directions, and exhibits the strongest responses of the survey area. Although some credence should be given to the conjecture that a change in chargeability background occurs here, the suboutcropping geology suggests otherwise exhibiting no change across the end of the lines.

The resistivity data appear to do little except reflect outcrop and overburden conductivity as exemplified by the resistivity low obtained over the swampy ground in the southwest section of the grid.

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SUMMARY, CONCLUSIONS AND RECOMMENDATIONS.

Between August 19th and 31st, 1985, Peter E. Walcott & Associates Limited undertook an induced polarization survey for Bishop Resources Development Ltd. over part of their property located near Topley, British Columbia, in an effort to outline major zones of sulphide mineralization within which they could search for significant amounts of economic mineralization, the existence of which is supported by the drill hole intersections to date.

The survey was carried out with a 50 metre dipole and first and second separation measurements were obtained.

The chargeability results as to the detection of sulphides were confirmed by the previous drilling in the Silver Cup area, and outlined the presence of other zones, including the Golden Eagle zone, considered by the writer to have sulphide mineralization as their causative sources.

Accordingly he recommends that the forementioned zones "C", "D" & "E" be investigated by diamonddrilling. Although the holes should be spotted in the field by the geologist he suggests that 50° holes be collared so as to intersect the first separation highs some 40 metres below their peak values.

Should encouraging results be obtained from the investigation of zone "E", then additional $I_{\bullet}P_{\bullet}$ surveying should be undertaken to properly define its extremities.

Respectfully submitted.

PETER E. WALCOTT & ASSOCIATES LIMITED

Peter E. Walcott, P.Eng.

Geophysicist

Vancouver, B.C.

October 1985

PETER E. WALCOTT & ASSOC. LTD. APPENDIX - i -

COST OF SURVEY

Peter E. Walcott & Associates Limited undertook the survey on a kilometre basis. Reporting costs were extra so that the total cost of services provided was \$25,953.00.

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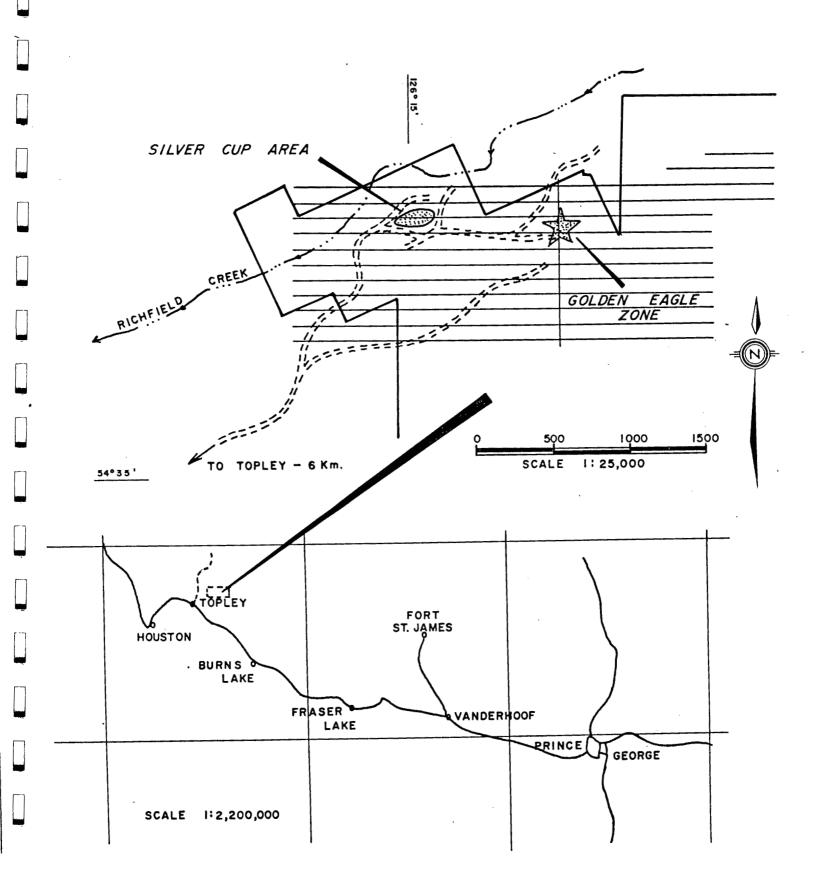
PERSONNEL EMPLOYED ON SURVEY

Name	Occupation		Address	Dates
Peter E. Walcott	Geophysicist	-	Walcott & Assoc. and Court, n, B.C.	Sept 5th, 26th, Oct. 3rd, 4th, 85
G. MacMillan	Geophysical Operator	ti .	П	Aug. 19th - 31st, Sept. 28 - 30th, 85
V. Pashniak	11	11	11	Aug. 19th - 31st, 85
D. Sloan	11	11	ti	11
P. Charlie	11	tt	11	11
R. Summerfield	Geophysical Helper	11	" .	tt
W. Jackson	11	17	11	Aug. 19th - 27th, 85
J. Walcott	Typing	11	11	Oct. 4th, 1985

BISHOP RESOURCES DEVELOPMENT LTD.

CLAIM LOCATION MAP

TOPLEY PROPERTY, OMINECA M.D., B.C.



Property Topley	#305, 1212 West Bro District Sk	oadway, Vancouve		tish Colu . 85-		V6H 1G	5 Length	69 7	Ct					
Commenced	Location (70)	den Eagle	Tests at	-			Hor, Comp.							
Completed	Core Size	Q	Corr. Di	p 45	- 0		Vert. Comp.			1 1	Ì			
AT.	DEP. ELEY	v.	True Bro	. 23	/ °		Logged by	E.S.	H			ē.		
Objective			% Recov	Est	909	1/0	Date Mc	y 21,	85	Claim	T Brg.	Collar I	Length	
METERS / DES	SCRIPTION			ESTIMATED	RECO'		SAMPLE INTERVAL	SAMPLE NO.	Length	ANAL	YSIS			% Recov
0 - 5.0 0	verburden				NOIV	SHOW	INTERVAL.			ca	70	211 /	9 140	% Recov
50.36.5	Indesitic Brecia Large	e casular									-		+-	92
+	agments of mottled	dence fix	ne_											12
9	rained green andesit		er-						ļ <u>.</u>	<u> </u>	\dashv			
	rixed with maroon								ļ		_			_
	ragment are angular									igwdown				
		., Otz-calc	iTe_						<u> </u>		\rightarrow	_		-
<i>h</i>	ealing tight fraction					+	·			-		-		+
	and bleaching si								1	+			+	+
	rock more abu	7	•							-		_	+	+
	calcite stringers								<u> </u>				+-	+
	angles to core						ļ - · ·						-	+
36.5 - 41.5 A	Uteration Zone in ande		a										-	1
	adation contact, simil						36.5-463	5501	5.0	.01	.01	.01 .	13.00	95
	with more silicifica	tion and be	cach-											
	ng, coarse angular for		<i>f</i>			_			<u> </u>	<u> </u>				
	farriable fine grained					_		<u> </u>	ļ					
	righly altered feldspe													
4	6/6 9/2-cerbanctes	ringers mai	inlu	1						1 1	,			1

Property	#305, 1212 West Broadway, Vanco District		tish Colu . 85-		6H IG	5 Length	69 t	7						
Commenced	Location	Tests at				Hor, Comp.		· ·						
Completed	. Core Size	Corr. D	ip			Vert. Comp	•							
LAT.	DEP. ELEV.	True Br	J			Logged by					Dip		1	
Objective		% Recov	<i>!</i> .			Date			Claim	T Brg.	f i	Elev.	Length	
METERS from to	DESCRIPTION		ESTIMATED % MINERAL	RECO\ RUN		SAMPLE INTERVAL	SAMPLE NO.	Length		LYSIS		Ac.	Au &	6 Reco
	at 70 to 90° to core, minor	fine	ŀ		-					-		7		
41.5-59.7	Alteration Zone in coarse breeze					50.7-51.7								
	intermitent creamy colored zones	<u> </u>				55.7-58-0								_9
	intermixed with mornon and g) <i> </i>				58.0-59.5	5503	1.5	.01	.04	-09	.08	.003	
	green rocks, coarse angular to	1												
	up to law with wide cutting	core						ļ						
	at 70 to 90°, minor fine offse	eminate	/		1				_	<u> </u>				
· · · · · · · · · · · · · · · · · · ·	mainly near end of section, si								_	-				
59.7-69.0	Andesitie Breckie, dence fine		,							\vdash				
	pratrix of varriable grey and													
	fragments with altered feldspa		-											
······································	crysts, gradetional contact with		/							<u> </u>				
	zone above, decreasing silicifica				-					-			\vdash	
	few random gtz-cathonate string to 5 mm., winer hemetite stain					1			 	 	<u> </u>			
	along fractures visually benen	1.5												
	/ / /	,							}					

DISTOR NO	NIEC	ITD									1	
BISHOP MI												
#305, 1212 West Broadway, Vancouv Property TOPLEY District SKEENA					69.0	1				1 1	İ	
			<u>- 2</u>	Length	6/.			,		1	Ì	
Commenced Location Golden Eagle	Tests at			Hor, Comp.				1 1				
Completed Core Size	Corr. D	·		Vert. Comp								
LAT. DEP. ELEV.	True Br			Logged by	£.5.	<u> </u>			ig l		_	
Objective	% Recov	. Est.	92%	Date M	y 23,	85	Claim	T Brg.	Collar	Elev.	Length	
METERS DESCRIPTION .		ESTIMATED	RECOVERY	SAMPLE	SAMPLE	Length	ANAL					
from to		% MINERAL	RUN SHOR	TINTERVAL	NO.	- Longar	Cu	Pb	Z_n	Ag	Au	% Recov
0 to 2.0 Overburden						<u> </u>		igsqcut	<u> </u>			
2.0-58.0 Andesitic Flow, with some fragme	ent_					·						
inclusions mottled creen with son	ne						ļ!					į.
purplish sections, light green and buff alteration of prenocrysts, ra	1 local	<i>t</i>										
buff alteration at preparrists re	ndan		_									
priented tight fractures healed u	with											ĺ
avartz-carbanate some hemetite	<u> </u>				<u> </u>							
Ostaining, increasing identificable from		4			<u> </u>	+	 		\vdash			f
	g men					 	\vdash		 	\vdash		
in lower part lot section	- 1 +					 	 		 	\vdash		i
33.0 - 15" section with 20% op	idole				ļ	 	┼	-	 	ļi		
and buff alteration				_	ļ	 	 	 	ļ			-
58-0-62-0 Alteration Zane, similar to above a	with						 	<u> </u>	<u> </u>			
more intense alteration including	sil-						1	<u> </u>	<u> </u>			<u></u>
isification and bleached apecrane	ce											
trace fine purite	,	<u> </u>										İ
62.0-66.0 Open Stope												1
62.0-66.0 Open Stope 66.0-69.0 Alteration Zone, some as 58' to 62', alteration decreasing with depth,				66.0-66.7	5508	0.2	-01	.01	-02	.01	.001	?
alteration decreasing with death	OGRE.						T					
angular fragments, narrow 9+2-carb	stre							1				
angular magnitur is, metrow you - corp					1	1	1			\vdash		
69.0 End of Hole					1	 	+	 	+			<u> </u>
OJ.U KAR OT TTOIL		 	1			+	+	+	+	+		

DRILL HOLE RECO	ORD	RISHOP	MINES	ITD	\										
	#3	05, 1212 West Broadway,				/6H 1G	6								
Property		District	Hole N		- 3	on tu	Length								
Commenced		Location	Tests a	:			Hor, Comp.								
Completed	,	Core Size	Corr. D	ip			Vert, Comp]					
LAT.	DEP.	ELEV.	True Bi	g.			Logged by			_		QiO			
Objective			% Reco	v.			Date			Claim	T Brg.	Collar	Elev.	Length	
			 	1 1		.==:/	1		1	↓ —		<u> </u>	ш	_ت_	
METERS from to	DESCRIPTION			% MINERAL	RECOV	SHORT	SAMPLE INTERVAL	SAMPLE NO.	Length	ANA	LYSIS	; 	T	Γ_	% Recove
	tetrober	drite and possible	exceptite												
	closely	associated with go	ucrtz glsa												
	as irre	gular patches, D-	total sulph-												
		s then 15% of			4" fa	all	zme	at :	1.5						
	rock ro	imparts highly a	tered												
	72.3-74.9	weakly mineralize	ed elterat -												
	ion zon	re, est 2% pyni	te 15%												
	quartz	carbonate	,									T			
	0														
77.0-80.0	Andesite Bro	eccia, similar to	1.5 to 60'												
	with more	distinct angular	fragments												
	varriable.	hardness, many +	ne stringer	<u> </u>											
	sub paralle	of to core, home	tite stain-												
	ing along	fractures visually	barren of		İ				,	<u> </u>		<u> </u>			
	salphides	fractures visually reduced alterati	on with							$oldsymbol{ol}}}}}}}}}}}}}}}}}$					
	depth.				1						<u> </u>				
												ļ	1_		
						_					Щ	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	80.0	End of Hole	2		ļ				1				_	<u> </u>	ļ
									1		\perp		\perp		<u> </u>
												\perp		<u> </u>	
ļ	1			l	it	1	li	1	1	1	1	1	f	ι	ŀ

Property	#305, 1212 West Broadway, Vancouver, Br TOPLEY District OMINECA Hole N		umbia V6H 1(3	6 Length	80 t	~L					
Commenced	(11 / -/-			Hor. Comp.							
Completed	Core Size NQ Corr. I)ip - 2	5.3°	Vert. Comp.							
LAT.	DEP. ELEV. True B	rg. 2	3/°	Logged by	E.S.	14			e e		
Objective	% Reco	iv. Est	90%	Date M	y 23,	85	Claim	T Brg.	Collar	Length	
METERS	(ft) DESCRIPTION	ESTIMATED % MINERAL	RECOVERY RUN SHOR	SAMPLE	SAMPLE NO.	Length	ANAL	YSIS	7.17	74 Au	le Pacour
	1.5 Overburden		1101				22	10	Zn a	Jan	7411000
	60.0 Andesite Flow with increasing number	_		<u> </u>							
<i>/·.</i>)	of coarse angular fragments with depte	6									
	mottled green and purplish groundmass	1									
	with scattered epidate (?) patches and								\top	1	1
	altered feldspar phenocrysts, atz-carb.										
· · · · · · · · · · · · · · · · · · ·	negling random oriented tight fracture	4									
	increasing silicitization vague banding	<i>7</i> 1							\top		
	in several locations at 60° to core										
	gradational contact with section below								\Box		
60.0-	17.0 Alteration Tone Light grey-green to										
	white 15% milky quartz-carbonate strings	K		69.5-7/-	5505	1.5	.01	.01	.02 .	13 -00	7 92
	mainly concentrated in the central zone			7/.0-72.3							
	(45 to 190° to core) significant pale green			72.3-74.9	5507	26	.01	.//	. 14 .	09.00	95
	alteration some hemetite staining										
	69.5 - 71.0 weakly mineralized with										
	disseminated pyrite and rare Pb-2n										<u> </u>
	71.0-72.3 mineralized section with 30	/0						\sqcup			
	milky quartz-carbonate, 5% fine py		·								<u> </u>
	and afew blebs of coarse Pb + In										
	along with bonds of fine grey		11	II		1	1	1 1		1	1

DRILL HO	BISHOP	MINES	ITD)									
	#305, 1212 West Broadway, Vanc				l G6		_				Ì		
Property	TOPLEY District Omineca	Hole No	. 85	-4	Length ¿	89 <i>f</i>	t.]					
Commences	Location Golden Eco	/e Tests at			Hor, Comp				l		1		
Completed	Core Size	Corr. D		'5°	Vert. Comp	o. ·				1			
LAT.	DEP. ELEV.	True Br	g. 23	?/ 0	Logged by	E.S.	$\not\sim$	1		Dip		_	
Objective		% Recov	ı. 95	est.	Date 2	3/5/	85	Claim	T Brg.	Collar	Elev.	Length	
METERS	(27) DESCRIPTION		ESTIMATED	RECOVERY	SAMPLE	SAMPLE						1	
from	to to		% MINERAL	RUN SHO			Length	Cu	Pb	Z_n	Hg	Au?	% Recovery
0 -	4.0 Overburden												
4.0-	49.0 Andesitic Breccia, mottled dark	Green 4											
	grey rock with some distinct a	naular											
	frequents of varriable hardne	<u> </u>											
	increasing silicitization and a	Heration	,										
	local patchy epidote minor qua												
	bonate healing tight fractures	aradat-											
	ional contact with altered 20		1										
	37.7-15" bleached zone co		1 1										
	10% quartz-carbonate												
49.0-	80.0 Alteration Zone bleached light	areen											
	to grey with mineralization of												
	below, gradational contacts												
	fault gouge at 56', stringers												
	bands of quartz-carponate mai	phy 60 to	3			, .							
	90° to care												
	50.5-53.5, 3% sulphides in	cluding			50.5	55/2	3.5	-01	.08	.14	·23	.005	85 %
	tetrahedvite as fine stringe	sor				55/3							
	blebs, mainly pyrite, 5%				14	5514	-					- 1	
	53.5-56.5, est 3% sulphides	with			58.5								,
	quartz stringers or along					5515	1.7	-07	.59	1-28	10.18	.008	80%
			 				1	1 ,				-1	

DRILL HO	LE RECO	RD	В	ISHOP N	MINES	LTD	•										
Property	TOPL	LEY	#305, 1212 West District	Broadway, Vanco	ouver, Bri Hole No	tish Colu . 85-	umbia V	6H 1G	5 Length								
Commenced	<u> </u>		Location		Tests at				Hor. Comp.	·							
Completed	·		Core Size		Corr. Di	р			Vert. Comp	<u>. </u>							
LAT.		DEP.		ELEV.	True Br	g			Logged by			ļ '		Dig		_	
Objective					% Recov	<i>.</i>			Date			Claim	T Brg.	Collar	Elev.	Length	
METERS from	to	DESCRIPTION				ESTIMATED % MINERAL	RECOV		SAMPLE INTERVAL	SAMPLE NO.	Length	ANA	LYSIS				% Recovery
		freet	ine fillings on	iner ata-cc-	banate												A NECOVERY
		56.5- 58.	ire fillings, m 5, trace sul	phi dec un	76 80%	i i						†					
		905	tz-carbonate	as irregula	- 5tr-												
		linge	rc														
		61.8-63		rtz carbonai	te str-												
		ingel	s with 129	o crev sul	phides												
		and	minor pyrite	mainly	ncent-												
Ċ		rat	ed in one shi	ert 2" seco	tor												
80.0	-89.0	Andesitic	Breccia wit	h some cla	. ·/												
			in along nor		/												
			e greeks and		/												
			altered felds,														
		/ /		/													
		89 FF	- End of	- Hole									<u> </u>	<u> </u>			
			V			ļ							<u> </u>	<u> </u>			
ļ								_					1	<u> </u>	<u> </u>	L	
			Authorization and an alternative states						<u> </u>		1	-	<u> </u>	<u> </u>			
ļ					·····	ļ								<u> </u>	<u> </u>		
<u> </u>			· · · · · · · · · · · · · · · · · · ·								<u> </u>	<u> </u>			<u> </u>		
1	1	ł				i	U	l	u	i	ı	i	ŀ	1	1	l	1

	#305	, 1212 West Broadway, Vanco				6H 1G	5	00 /	7/					
Property TOPL	EY	District Omineca		<u>. 85-</u>	5		Length a	07 1			1			
Commenced		Location Crolden Eagl	e Tests at				Hor, Comp.							
Completed	·	Core Size	Corr. Di		25°		Vert. Comp.		. ,		. 1			
_AT.	DEP.	ELEV.	True Bro	~~~	/ 0	· · · · · · · · · · · · · · · · · · ·	Logged by	ES.	<u> </u>			D ip	ء	
Objective			% Recov	Est	95%		Date 2	3/5/	85	Claim	T Brg	Collar	Length	
METERS	DESCRIPTION			ESTIMATED	RECOV		SAMPLE	SAMPLE	Length	ANAL				Щ.
from to				% MINERAL	RUN	SHORT	INTERVAL	NO.	Lengar	Cu	Pb	Z_{n}	to, Ar	€ % R
	Overburden					<u> </u>					\longrightarrow		4	\perp
11.6-49.0		ccia, dark green w			· · · · · · · · · · · · · · · · · · ·	ļ								$oldsymbol{\perp}$
		ons, epidate as ble												
		ires, distinct angu												L
	clasts, 5%	quertz-carbonate	25											
	narrous irre	dular stringers inch	easing											
		graded confact with	,			<u> </u>								T
		hite along fractures												
	·	t of section												
49.0-63.0		ne bleached light	Laren-								\Box			1
		ous rock with 20											-	1
		1z-carbanate string		,		-							_	+-
	. 1	to 15" wide min	/ .				·			11	\Box		_	+-
	as detailed		CFGIILFU						<u> </u>				_	 -
		% fine pyrite, 5%	and to		-	†	49.0	5516	76	-	900	4//	01 01	_
		stringers	guaric			 	T1.0	5517	3				4.43.04	
		% quartz carbonate				+	53.1	55/8			1.37		46.00	
· · · · · · · · · · · · · · · · · · ·		or chance sphalerite, p		\vdash		+	54.7	5519			1 1		·75 ·00	_
		alco + tetrahedrite	41.15			-		5520						
	, ,		24/	 		 	1.	1220	14.1	1.01		•///	./5 -00	7-
	53.7-54.2 10	o % atz-cerb with	50/0	l	L	.1	63.0	i	İ		i. I	- 1		

ORILL HOLE RE			P MINES										
Property \sqrt{C}	PLEY	305, 1212 West Broadway,	, Vancouver, Bri Hole No			1G6 Length							
Commenced	,	Location	Tests at	:		Hor, Com	p.						
Completed		Core Size	Corr. D	ip		Vert. Cor	ıp.		1				
LAT.	DEP.	ELEV.	True Br	g.		Logged b	<i>'</i> .				Dip		
Objective			% Reco	v		Date			Claim		- i	Length	
	T			1		11	1		11		3 1	<u> </u>	
METERS from to	DESCRIPTION			STIMATED % MINERAL	RECOVERY RUN SHO	SAMPLE RT INTERVA	1	Length	ANAL'	YSIS			% Rec
	54.2-60.	3 3% sulphides	as blebs										
	and i	3, 3% sulphides	some tet-										\top
	rahea	rite and galena	est 8%										
		carbonate stringer											
	60.30-63	.0, est. 5% sulp	hides along										
	tight	fractures or as											
	2%	quarti-carbonate	stringers										
63.0-71.6	Andesitic Br	Pecia dark green	silicious,										
	graded co	notacto, visually s	imilar to										
	initial s	ection, cooke and	cular frag-										
	mento al	tered feldspar phe	nocrysts										
71.0 - 83.1	O Altered Zor	re, similar to 4	9 +6 63'										
	above wi	th stronger sulph	ide										
	minerali	ration with quar	tz-carbonate	5		73.8	5521	2.7	.01	.31	.50 .	61-00	02
····	73.8 - 76	.5 20% Otalcarb	mate, 2%			76.5	5522	1.0	.16	5.97	-33 3	2.5.0:	20
	spha		alphide			77.5	5523	3 1.0	1.24	30.9	7.42/	11.3 -16	<u> </u>
	76.5-77	1.5, 60% Ofz-corb	mate, 2%			78.5	5525	10.5	.35	2.7/	<u>-33 3</u>	3.6 .0	16
	sphal	erite, 5% grey sul				79.0		4.0	1.02	.46	<u>.73</u> .	78.0	01_
	77.5-78		h 10% hone	<u> </u>		83.	2	<u> </u>	1				
	colore	d sphalerite and	10% gery						1		\dashv		
	salok	ride as massive ve	ins a natches	.			1		1				

DRILL HO	LE RECORD	BISHO	OP MINES	LTD										
Property	TOPLEY	#305, 1212 West Broadwa District		tish Colu	mbia V6H 1G	6 Length								
Commenced		Location	Tests a			Hor, Comp			1					
Completed		Core Size	Corr. D	<u> </u>		Vert. Comp			1					
LAT.	DEP.	ELEV.	True Br	g		Logged by					Dip			
Objective			% Reco	v. ઁ		Date			Claim	T Brg.	Collar [Elev.	Length	
METERS	DESCRIPTION			ESTIMATED % MINERAL	RECOVERY RUN SHORT	SAMPLE	SAMPLE NO.	Length	ANA	LYSIS	<u></u>	 	 	% Recov
		- 79:0 60% sugrt	2-corporate						†		†			
	ė, s	- 79.0, 60% quart	sulphides										·	\vdash
	or	inarily fine grey inar pyrite -83.0, altered and	stringers +											
	m	inor pyrite												
	79.0-	-83.0 altered and	Jesite with											
	.59	% cuertz-cerbonel	e and 3%											
	CO	and other grey min	rite galena				T							
	2/	nd other arey min	rals								T			
					-									
83.0	-89.0 Andesitie	Breccia, similar	to that										<u> </u>	
	encour	Breccia, similar sted in upper par dark grey gree hied	t of hole											
	dence	dark grey gree	n rock											
	silicit	sied J												
			····											
			/			1	<u> </u>				<u> </u>			<u> </u>
	89.	0 End of H	ole						┷	┷	$oldsymbol{ol}}}}}}}}}}}}}}}}}$	<u> </u>		<u> </u>
<u> </u>									Ц_		<u> </u>	<u> </u>	<u> </u>	<u> </u>
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						1			1_	<u> </u>		 	 	<u> </u>
								1		\perp			<u> </u>	
· ·													<u></u>	<u> </u>

DRILL HOLE RECO	ORD	BISHOP MI	NES	ITD	`									1	
		#305, 1212 West Broadway, Vancouve				/6H 1G	6	_	_						ŀ
Property TOP	LEY	District Omineca		. 85	-6		Length	79.5	ft						l
Commenced		Location Golden Eagle	Tests at				Hor. Comp.]					
Completed		Core Size	Corr. D		450		Vert. Comp]					
LAT.	DEP.	ELEV.	True Br	g.			Logged by	E.S.	4			Dip			
Objective			% Reco	. Est	92 %	<u> </u>	Date 23	15/0	85	Paim	Brg.	Cottar	Elev.	ength	
				1		45014	/	. ,			-		w	ٽ	
METERS from to	DESCRIPTION			% MINERAL	RECC\		SAMPLE INTERVAL	SAMPLE NO.	Length	Lu			Ag	Aa	% Recov
0 - 8.0	Overburdi	-7											7		
8.0-52.6		Breccia intermixed.	frea-												
		with dramatic color vai		2											
		ens, reds, greys & purple u													
		pple green, pink and brown													
	alter	hon products dence bris	H/e_				<u> </u>								
	rock	highly altered feldspar													
	cryst	als throughout, 3% at	- Car-												
	bonate	filling tight fractour								ļ					
	21.	0 - 12" fault zone un	<u> </u>		<u></u>										
52.6-98.0	Alteration	zone, pale grey-green w	ith												
		ream colored highly bleace													
	zones	15% atz-carbanate as stru	ngers		ļ										
	or hea	ling Ofractures, local hemis	Kite_						<u> </u>	↓					
	stainir	1, 57 to 98' less intense al	teration	×			51.4	5526	2.6	.01	.04	.07	-29	-001	195
	minert	lized areas as detailed be	low:				54.0	5527	1.7	.23	3.58	1.54	38.1	-220	100
·	51.4 - :	54.0 trace fine pyrite in	highly	1				5528	1.3	.01	.01	-02	19	.00	98
	<u>alt</u>	54.0 trace fine pyrite in fered andesite, 1% gtz-c	arb'		ļ		57.0						\sqcup		
	54.0-4	55.7, 85% milky withe	wartz							 	<u> </u>	<u> </u>			ļ
		bancte wein with 3% sphot	, /		ļ		-		<u> </u>		ļ				
	2%	pyrite and 2% grey sulphi	des		ļ		1				<u> </u>	<u> </u>	igsqcut		
1	•			ı	u	ι	ш	ı	1	1	1	1	, ,		,

DRILL HO	LE RECORD	BISHOP	MINES	LTD											
Property	TOPLEY	#305, 1212 West Broadway, District	Vancouver, Bri	tish Colu	ımbi a	V6H 1G	5 Length								
Commenced		Location	Tests at				Hor, Comp.					'			
Completed		Core Size	Corr. D	ip			Vert. Comp	ı .		1					
LAT.	DEP.	ELEV.	True Br	g.			Logged by			1		Oip			
Objective			% Reco	v.			Date			Claim	T Brg.	Collar [Elev.	Length	
		***************************************						-			<u> </u>	<u>l.</u>	ū	ت	
METERS from	DESCRIPTION			ESTIMATED % MINERAL	RECC	VERY SHORT	SAMPLE INTERVAL	SAMPLE NO.	Length	ANA	LYSIS	;	 -		% Recove
	55.7-	57.0 minar fine sulp	hides in												
	b	57.0, minor fine sulp.	preceie	1						1					
		•								1					
98.0	-99.5 Andesita	Breccia dence dar clastic, gradational altered zone above e angular fragment o osition	k arev												
	pyro	clastic oradational	contact												
	with	altered zone chove	. siliciou												
	coars	e angular fragment o	fugrriable												
	comp	osition													
	/														
	99.	5 End of Hole	_												
<u></u>										T					
<u></u>															
<u> </u>		· · · · · · · · · · · · · · · · · · ·									<u> </u>	<u> </u>		<u></u>	
							<u></u>		<u> </u>	↓	\perp				
										1_	\perp	1			ļ
									ļ		1				<u> </u>
								1						<u> </u>	<u> </u>
ı	i			1 1	l	l	ll	i	1	I	i .	ŧ	ł	į	1

DRILL HOLE R	ECORD	DICHOD	MAINICC	ITD										
		BISHOP												
Property 7	OPLEY	#305, 1212 West Broadway, Va District Skeepa	Hole No	5. 85	umbia ver -7	Length	88	ft						
Commenced		Location	Tests at			Hor. Comp) .							
Completed		Core Size	Corr. D	ip - 4	45°	Vert, Com	ρ.]					
LAT.	DEP.	ELEV.	True Br	g.		Logged by	E.S.	N.]		Οip			
Objective			% Reco	1. Est	85 %	Date 2	3/5/	185	Claim	T Brg.	Collar	Elev.	ength	
METERS	DESCRIPTION			T	RECOVER	V	SAMPLE	Т	 	<u> </u>	<u> </u>	ш_		<u> </u>
from to	DESCRIPTION			% MINERAL	L	Y SAMPLE HORT INTERVA	1	Length	Cu	LYSIS Ph	Z_n	Ha	Au	% Recove
0 - 6.	5 Overburde	· n							1					
6.5 - 51	O Andesitic	Breccia, coarse angu f various colors inclu	law frac.						1		1			
	ments o	f various colors inclu	din reds											
	creens	and browns several n	crever.	•										
	Journtz	- carbonate stringers,	silicious						1		\Box			
	Dolteres	feldence phenocrust	,											
	49'-4	feldspar phenocrysts " fault zone, pale one are much softer than	ereen franc											
	ment	are much safter than	clieret.	1			1		1					
	portion		Jacobs									\vdash		<u> </u>
51.0-53.	7 Foult Za	ne broken francest	ed and-			51.0/52	75529	2.7	1.01	. 4:	1.06	.10	.00	70
	asite	ne broken, fragment. Breceia, 2 - 3" section	16 of			7.32	1,222	12-7			100	17	1001	70
	fault, 9	DUCE	<u> </u>			55.8/17	15530	1/13	.01	.02	100	- 14	.061	700
53.7-55.		Breccia, as above, col	a-fil			57.1/08	553/	10.9	101	22	2.01	2/0	100	600
7		fragment in a colorful	" nachrin			/304	17.7.7	0. /	100	1.22	106	21.7	OX.	100
55.8-58.		boken fragmented							+		\vdash			
		short section of n		/				†	+		\vdash	\vdash		
		carponate vein mater		1				+	1	\dagger	†			
	057-1'		1111 40						+	\vdash	†	\vdash		
58.0 - 8	8.1 Andesiti	Breccia, as above, a	alar ful						1	\top		\Box		
		fragments, more broken							1	1	T			
	1 /	with several fault							1			\Box		
			- V / C - J	1	11			+	+-	+	+	+	$\vdash \vdash$	

DRILL HOLE R		BISHO #305, 1212 West Broadway	P MINES	LTD	• umbia V	'6H 1G	6								
Property	TOPLEY	#305, 1212 West Broadway District	Hole	No. 85	-7		Length			-					
Commenced		Location	Tests	at			Hor. Comp.								
Completed		Core Size	Corr.	Dip			Vert. Comp).		1					
LAT.	DEP.	ELEV.	True	Brg.			Logged by					Dip			
Objective			% Rec	cov.			Date		····	Claim	T Brg.	Collar	Elev.	Length	
METERS	DESCRIPTION		****	ESTIMATED	RECOV		SAMPLE	SAMPLE	Length	ANA	L				
from to				% MINERAL	RUN	SHORT	INTERVAL	NO.	Congui	ļ					% Recove
	62'-	8" toutt zone				ļ				<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	
	7/'-	10" broken core				<u> </u>									<u> </u>
	80'-	8" fault gouge				<u> </u>									
	84'-	8" fault zone 10" broken core 8" fault gouge 6" fault zone	?												
													'		
	88	ft - End of A	40/c												
									N.						
`.															
										T					
								1							
				1	 		1	1	+	1	+	1	1	 	-

DRILL HOLE RECORD DICLIOD MINES	ITC	•								1	ı
#305, 1212 West Broadway, Vancouver, Broperty TOPLEY District Skeep a Hole N		lumbia V6H	G6 Length	72	PF				:		
Commenced Location Folden Ecale Tests a		<u> </u>	Hor. Comp	. / . / 7				,			į
Completed Core Size A/A Corr. C	in 4	150	Vert. Com	n.		1			.	-	
LAT. DEP. ELEV. True B	···		Logged by	-	. W.	1	i	Dip		ĺ	ı
Objective % Recc	v. 9,	8 %	Date /	ay 24	1/85	Maim	.Brg.	1 . 1	Elev.	Length	ı
METERS ' DESCRIPTION	ESTIMATED	RECOVERY	SAMPLE	SAMPLE	/	ANAI	VSIS		ш		
from to	% MINERAL	RUN SHO			Length	ANA	1313		П	·	% Recove
0-8.0 Overburden											
8.0-72.0 Andesitic Breccia, course angular											
fragmento at varriable consposition									\Box		
and color, generally dence and											
silicious although some fragment											 I
are soft, some blotchy epidate,											
strong alteration of feldspar						\					
phenosyusta increasing quantity						1					
and wadth of quartz-kar honote						 					
stringes (less +llen 2% of core to					+						
52', 5 to 10% to end of hole)				1		1-					
mainly healing tight fractures					ļ	 					
64'- 8" blesched zone enveloping					 	†					
a 1" quartz carbonate veinlet.					+-	<u> </u>		-	$\vdash \vdash$		
visually barren of sulphides				<u> </u>	+						
ars dainy berrite or serprice				-		1	 				
						1					
72 ft - End of Hole	1			T	 	T					
					—	†					<u> </u>
					1	1					
					+	1	 	 	\vdash		
		╢		 	+	+	+	 			

Page 1 DRILL HOLE RECORD **BISHOP MINES LTD.** #305, 1212 West Broadway, Vancouver, British Columbia V6H 1G6 TOPLEY District Omnineca Hole No. Property Location Hor. Comp. Tests at Commenced Corr. Dip Vert. Comp. Core Size Completed Logged by ELEV. True Brg. DEP. LAT. T Brg. % Recov. Objective SAMPLE ANALYSIS RECOVERY SAMPLE METERS DESCRIPTION ESTIMATED % MINERAL RUN SHORT INTERVAL % Recovery

Property TOPLEY	#305, 1212 West Broadway, District	Hole No		- 9		Length			-					
ommenced	Location	Tests at				Hor. Comp.			1					
Completed	Core Size	Corr. Di	ρ		_	Vert, Comp			4					
AT. DEP.	ELEV.	True Bro).			Logged by		·	4		협		ا ء	
Objective		% Recov				Date			Claim	T Brg.	Collar	Elev.	Length	
					.==				-		L	ш		
METERS DESCRIPTION from to			STIMATED % MINERAL	RECCY	SHORT	SAMPLE INTERVAL	SAMPLE NO.	Length	ANA	LYSIS			<u>T</u> 9	& Rec
	'- 1cm gtz-carbs	Lyinger							-					
165	-172 2% atz-carb	stringer			1									
72.0 - 1750 Volcanie	,													
12.0 1134 VOIEGHIC	Carle a backs	1 11/16												_
50me	a minor pyrite an	d'iron			1				 	†		\Box		_
37,77	Later to the state of the state	7							1	\vdash				
Oxide		quartz	-	· · ·		-			-	+	<u> </u>	-		
Serie			 			<u> </u>	<u> </u>	-	-	 		\vdash		
1750-1825 Volcanic	Breccia, medium 9	, , , ,							-	+	<u> </u>			
Schiclo	sus preccia, 10% o	ark green	<u>'</u>		+	111	_		 	 	-			
angul	ar tragmento in as	h matrix,		· · · · · · · · · · · · · · · · · · ·		1/0/e	: 5	1		\$50		1 7	19	_
tight	tractures healed	with				-	for	San	2/2/	129	K	2	41	± 5
quar:	tz corbonate		ļ		-	ļ	ļ	ļ	1_	$\!$	╄			
182.5-187.2 A/Arrice	I Zone, volcanic bre	CCIG, GS	<u> </u>	· · · · · · · · · · · · · · · · · · ·		ļ				┼—	ļ	\sqcup		
about	with strong quartz	sericite						<u> </u>	ļ	 	ļ	<u> </u>		
altera	ation, disseminated	pyrite					<u> </u>		<u> </u>	↓				
and I	magnetite (?) a few	narrow				<u> </u>		ļ	_	 	ļ	<u> </u>		
9/2 5	tringers carrying rai	re coarse	<u> </u>			<u> </u>	<u></u>	ļ		ــــــ		!		
galen	a and tetrahedrite	vaque			_	ļ	ļ	<u> </u>		 				
brece	ia fragments ara	datting			<u> </u>		ļ	ļ	1	 	ļ	<u> </u>		
conta	cts above and b	sclow rock	-											
is re	latively soft bleach	ed to							<u> </u>					_
	, , , , , , , , , , , , , , , , , , , ,		.1				l	1			1	1	l i	

DRILL HOL	E RECORD	RISHO	P MINES	ITD											
						CU 300						!			
Property	TOPLEY	#305, 1212 West Broadway, District	Hole No.			оп іце	Length								
Commenced		Location	Tests at				Hor. Comp.								
Completed		Core Size	Corr. D	ip			Vert. Comp			<u> </u>					
LAT.	DEP.	ELEV.	True Br	g			Logged by				. !	Dip		_	
Objective			% Reco	v			Date			Claim	Brg.	Collar	Elev.	Length	
METERS	DESCRIPTION			ESTIMATED	RECOV	FRY	SAMPLE	SAMPLE	Γ	ΔΝΔΙ	YSIS				
	DESCRIPTION			% MINERAL	RUN		INTERVAL	1	Length	Aivai	- 13.3				% Recover
	pale	yellowish- areen u	ith same									<u></u>			
	calor	gellowish-green u								<u> </u>					
187.2-1	199.5 Volcanic	Breccia dark gree	n andesitic.						<u> </u>	<u> </u>	<u> </u>				
	rare	coarse angular fi	. / /									<u> </u>			
	tight	fractured healed							<u> </u>	<u> </u>	igsqcup	<u> </u>			
	silice														
	192'	sulphides in 3 mi	n atz bona	1			Note	: Se	1	150	/_	6	, 6	fo	<u></u>
	197'-	increasing alteras	tion						San	101	Vine	<u></u>	Kes	41	1/5
199.5-2		Volcanie Breccia, va		2%		ļ				1	/				
		and dork green m													
	quert.	z-sericite alteration													
	Dogreso	w fractures heale	d with								<u> </u>		!		
	carbo	nate minor dissemina	ated punite												
	and n	ragnetite local blace	Ksulphides									<u> </u>			
	1 /	singers or blebs									<u> </u>	<u> </u>			
	215	concentration of are	ey sulphides											<u> </u>	
	219			·							$oldsymbol{ol}}}}}}}}}}}}}}}}}$	\perp			
		with hemetite		/						Щ.	1	1	1		
222.0-	255.0 Alteration		to grey,	4%						1	1	1_	1		
	■ **	, altired volcani				·						$oldsymbol{ol}}}}}}}}}}}}}}}}}$			
		several atz-carb	· /												
		7)			1		1	l					(l	}

DRILL HOLE	RECORD	BISHOF	MINES	LTD	•										
		#305, 1212 West Broadway,	Vancouver, Bri	tish Colu	mbia V	6H 1G6									
Property	TOPLEY	District	Hole No	85-9	9		Length			-				, ,	
Commenced		Location	Tests at				Hor, Comp.								
Completed		Core Size	Corr. Di	р			Vert, Comp).		1					
LAT.	DEP.	ELEV.	True Bro].			Logged by			_		qiO		_	
Objective		,	% Recov	ı,			Date			Claim	T Brg.	Collar	Elev.	Length	
				,		· · · · · ·		,	·	↓		· .	Ш	ر د	<u> </u>
METERS	DESCRIPTION			ESTIMATED & MINERAL	RECOVI		SAMPLE INTERVAL	SAMPLE NO.	Length	ANA	LYSIS	i			% Recover
from to					HOIN	SHORT	INTERVAL	110.			+	 			78 Necover
		ers up to 5 cm, r				 			-	\vdash	+-	-	┼─┤		
	oricht	ation, carrying mine						 	-	+	+	 	╁─┤	 	-
	and t		salphides	 				-	+	\vdash	+-	+	├─-'	 	
	also a	s blebs or patches	and along	1				-	<u> </u>	\vdash	┼	┼	-		ļ
	fight	fractures, alteration	n intensity				 			+-	1	ــــ	-	-	
	increas	es with depth	/			_		ļ		 			<u> </u>	<u> </u>	ļ
,	250'	- 1" sulphide stringe	or 30° to				ļ	<u> </u>		<u> </u>	┷	<u> </u>	<u> </u>	<u> </u>	
,	C	ore, printe a hemet				<u> </u>								<u> </u>	
	2541	- blebs of hemetil	te								<u>↓</u>	<u> </u>		<u> </u>	
27 J Car 15 2	24.23/-	12" section with	ercy sulphic	Yes .											
	;;	quarte stringers													
2550-	167.0 Mineneval 12		as above	7 %											
2000	willo	significant grey hen													
	1 11 1		n dom			1							T		
	6/803		rey mineral							1	1				
	parroc		Vite and								1	1	1		
ļ	with		red volcan						†	+	1	 	T		
	1		<u> </u>			+	1	+	+	+	+	\top	1	1	
		ome fourmaline ma	, -			+	╁	1		+	+	+	1	†	
	itica		4	1		+	-		+	+	+	+	+	+-	†
	carbo	mate stringers at	VERTOUS	-		+	-	-	+	+	+	+	+-	+-	1
	angle	s to core		ļ	 	-				+	+-	+-	+-	+	
1	1 /			•	**	•	-	•	-	•	•				

Property 7	#305, 1212 West Broadway, District	Hole No		9		Length								
Commenced	Location	Tests at				Hor. Comp.							ļ	
Completed	Core Size	Corr. D	ip			Vert. Comp			4				1	
.AT.	DEP. ELEV.	True Br	g.			Logged by		·····	-		qiC		_	
Objective		% Reco	v			Date			Clain	T Brg.	Collar Dip	Elev.	Length	
METERS	DESCRIPTION		ESTIMATED	RECCV		SAMPLE	SAMPLE	Length	44141					
from to		• • • •	% MINERAL	RUN	SHORT	INTERVAL	NO.		+	┾	-	₩		% Rec
<u> 267.0 - 282</u>	5 Alteration Zone, as above		4%		 		-	-	—	├	┼			
	reduced sulphide canto						-	<u> </u>	┼	├	 	├ ─┤		
	grey-green with local	mottled,	-		ļ			<u> </u>	┼	┼	┼			
	grey areas, diminishing		1		<u> </u>			 	 	—	 	\sqcup		
· · · · · · · · · · · · · · · · · · ·	and quartz-carbonate	stringers,	-		ļ	 	1	ļ	┼	┼	-	 	 	
	random patches of hem	retite(?)	-		<u> </u>			<u> </u>	 	—	 	<u> </u>	 	
	in upper 5 ft, rare po	stible bleb	4			ļ	ļ	ļ			 		<u> </u>	
w	below (may be magneti	te) intense							↓	<u> </u>	<u> </u>	<u> </u>	\square	
	quartz-sericite alteration	on'				ļ		<u> </u>	 		ــــــ	<u> </u>		
282.5-29	7 Valcania Breccia mottle	d grey-								<u> </u>	<u> </u>			
	green with some prouve	ish		·										
	Sections coarse angu	lar trags							<u> </u>					
	un to 15 cm of dave	iable						ļ						
	composition strong a	to-spricite												
	alteration some nerto	w fract-										1		
	uses healed with eart	onate												
	some blotchy hemetite													
		_												
	297 St - End of	Hole												
														i .

TOPLEY PROPERTY

Drill hole number 85-10 Core type \sqrt{Q} Date Logged by Page / of

DRILL	HOLE	GEOL	OGIC	LOG

Northing Easting Elevation Dip Bearing Total Length

Alteration Scale
5 - Extreme Alteration

4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration

1 - Weak Alteration

0 - No Alteration

Foots	200		Graphi	c Log	l			ration				
From	To	Description	Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.		
	11.5	Overbur den							ļ			
10.5	54.0	Andesitic Breccia, mottled	7:00		3		2		ļ	3		
10.5		dark green with course	70.7									
		angular fragments in an	7.0				ļ					
		ash matrix, 10% white	50	gradet-		<u></u>			·			
		phenocrusts local enidate	P	contact		<u> </u>						
56.0	59.5	phenocrysts, local epidote Alteration Zone with quartz			5	ļ		3	3			
200		corporate and sulphide	A STATE OF THE STA	sulphides		ļ			 			
		stringers, same hoste rock as	200			<u> </u>	ļ					
	<u>† </u>	above but bleached to cream,	ATTA A			<u> </u>						
	1	grey color with 15% milky	WA			ļ		<u> </u>				
		grey color with 15% milky white quartz-carbonate	10.D.		ļ	ļ						
		and 5% sulphides (primarily	105		<u> </u>	<u> </u>	<u> </u>					
		sphalente, pyrite and galena	ام الم			<u> </u>	ļ	<u> </u>				
		contacts gradational over	1-1			ļ		<u> </u>	_			
		about 4"				<u> </u>	<u> </u>			 		
59.5	13/5	Andesitic Breccia, as above			3		11			3		
		ourselastic rock with coarse	1			<u> </u>						
		pyroclastic rack with coarse angular fragments, local epidate and hemetite, dans				<u> </u>	ļ	<u> </u>			<u> </u>	ļ
	1	enidate and hemetite dar	A				.			ļ	<u> </u>	
		1.									1	1

Hole Number <u>85-/0</u>
Page 2 of <u>3</u>

Foota	age	Doc onintion	Graphi	c Log			A1 t	eration	1			
From	To	Description	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
		72.5 - 24" altered zone with										
		minor fine sulphides										
		85'- 6" bleached zone				ļ						
		87 to 95' local sections					<u> </u>		ļ			
		with apple green and				<u> </u>			<u> </u>	<u> </u>		
	1	pink alteration				ļ			<u> </u>			
		101.5 - 2" bleached zone						<u> </u>	<u> </u>	<u> </u>		
		117.5 - epidate stringers				<u> </u>	ļ <u>.</u>		<u> </u>			
131.5	147.2	Altered Zone bleached grey			4	<u> </u>	<u> </u>	2	2	ļ		
		rock with bands of quarte			, 	<u> </u>	ļ	<u> </u>	<u> </u>			
	_	carbonate mainly at \$ 100 to				ļ		<u> </u>				
		core, minor sulphides in				ļ	ļ	_		-		
		bands, est 7% gtz-carb				ļ				<u> </u>		
		bands, est 7% gtz-carb 2% sulphides				ļ	-	<u> </u>				
		132.5-8" quartz-carbonate				<u> </u>	<u> </u>	<u> </u>	 			
147.2	1580	Andesite Breccia, as above with			2				<u> </u>	2		
		local purple sections, some	 			ļ	ļ					
		local purple sections, some fine quartz-corbonate	<u> </u>			<u> </u>			<u> </u>			
		healihy fractures, rare	<u> </u>			<u> </u>	<u> </u>			 		
		soft clasts gradational	<u> </u>			<u> </u>	-			- 		
		contacts					<u> </u>			-		
158.0	2 172.0	Altered Zone, intermitent			4		 	3	1	 		
		quartz-carbonate stringers	<u> </u>				<u> </u>					
		1 1 1 211 1 1 1/2-1-1	Ή	1		1	1		ŀ	ł		

Hole Number 85-/0
Page 3 of 3

Description	Graphi	c Log								
	Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.		Ι
pale grey section approx				ļ				ļ		L
5% sulphides restricted				ļ				ļ		1
mainly to O-C stringers			-	ļ	ļ		ļ	ļ		-
and tight fractures, band								 		ļ
ing at 70° to core				ļ		 	ļ	ļ		ļ
159.8 - 1" gtz stringer					 			-		\downarrow
161.0-2" gtz stringer				 	ļ	 		 		Ŧ
162.0-4" gtz stringer				 -	 	 -	<u> </u>	 - :		+
164.0-15" week elteration			-		-			-		+
Andesite Breccia, dark green			3	<u> </u>	12	-	 	13		+
brittle rock with motiled				 	<u> </u>	 	 	 		+
epidate, caerse angular										+
tragments, dence compet-				 		 	 	 		t
ent rock				 	 	 	<u> </u>	+		\dagger
113.6 1 Stringer				 	 	 	 	 		1
182 Food of hole				<u> </u>	1	<u> </u>	 	1		†
			,							T
					<u> </u>		<u> </u>		ļ	
		[1			1	İ		
	159.8-1" gtz stringer 161.0-2" gtz stringer 162.0-4" gtz stringer 164.0-15" week elteration Andesite Breccia, dark green brittle rock with mottled	pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, hand ing at 70° to core 159.8-1" gtz stringer 161.0-2" gtz stringer 164.0-15" weak alteration Andesite Breecia, dark green brittle rock with mottled epidote, coarse angular fragments, dence compet- ent rock 175.6 1" stringer	pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, band ing at 70° to core 159.8-1" gtr. stringer 161.0-2" gtr. stringer 164.0-15" week alteration Andesite Breecia, dark green brittle rock with mottled epidate, caerse angular fragments, dence compet- ent rock 175.6 1" stringer	pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, band ing at 70° to core 159.8-1" gtz stringer 161.0-2" gtz stringer 162.0-4" gtz stringer 164.0-15" week elteration Andesite Breccia, dark green prittle rock with mottled epidate, caarse angular fragments, dence competent ent rock 175.6 1" stringer	pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, band ing at 70° to core 159.8-1" gtz stringer 161.0-2" gtz stringer 162.0-4" gtz stringer 164.0-15" weak alteration Andesite Breecia, dark green prittle rock with mottled epidote, coarse angular fragments, dence compet- ent rock 175.6 1" stringer	Description Sketch Remarks Sil. Clay Chl. pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, band ing at 76° to core 159.8-1" gtz stringer 161.0-2" gtz stringer 162.0-4" gtz stringer 164.0-15" weak alteration Andesite Breccia, dark green prittle rock with mottled epidate, cause angular fragments, dence competent ent rock 175.6 1" stringer	Description Sketch Remarks Sil. Clay Chl. Carb. pale grey section, approx 5% sulphides restricted mainly to 0-C stringers and tight fractures, band ing at 70° to core 159.8-1" gtr. stringer 161.0-2" gtr. stringer 164.0-15" week alteration Andesite Breecia, dark green prittle rock with mottled epidate, caarse angular fragments, dence compet- ent rock 175.6 1" stringer	pale grey section approx 5% sulphides restricted mainly to O-C stringers and tight fractures, hand ing at 70% to core 159.8-1" gtz stringer 161.0-2" gtz stringer 164.0-15" weak alteration Andesite Breesia, dark green fragments, dence compet- ent rock 175.6 1" stringer	pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, hand ing at 70% to core 159.8-1" gtr. stringer 164.0-15" weak alteration Andesite Breesia, dark green pridate, coarse angular fragments, dence compet- ent rock 175.6 1" stringer	pale grey section, approx 5% sulphides restricted mainly to O-C stringers and tight fractures, band ing at 70% to core 159.8-1" gtz stringer 161.0-2" gtz stringer 164.0-15" weak elteration Andesite Breccia, dark green brittle rock with mottled epidate, coarse angular frag ments, dence competent of the content

TOPLEY PROPERTY
Drill hole number 85 -//
Core type
Date July 20 1985
Logged by E.S. Holt
Page / of 5

n	R	T	11	ŀ	10	ı	F	GF	ΛI	Ωſ	GT	C	LOG
u	ı١	1	L. L		ıv	L	┗.	чL	VL.	v	ųι	·	LVU

Northing Easting Elevation Dip Bearing Total Length

- Alteration Scale
 5 Extreme Alteration
 4 High Alteration
 3 Moderate Alteration
 2 Some Alteration
 1 Weak Alteration
 0 No Alteration

Foota	ge	Description	Graphi	c Log		i		ration			
From	То	Description	Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.	
0	7.0	Querburden									
3 1		Andesite Breccia mottled			3		2				
		dork green rock with coonse									
		angular fragments hard					<u> </u>	-			
		dence rock, most frags		0							
		contain milky phenocrysts,									
	. •	sharp confact with altered	<u></u>								
		zone below				ļ					
<u></u>		43.5' - 15" broken 2001e						<u> </u>			
56-0	62.7	Altered Zone, bleach pale			4	ļ 		2	/		
	*	grey rock enveloping atz-				<u> </u>					
		grey rock enveloping atz- carbonate stringer carrying									
		minor sp. py and galena	·								
		minor sp, py and galena, host rock is same as									
		above lower contact gradetic	1al				<u> </u>				
		56.4-4" stringer									
62.7	934	56.4-4" stringer Andesite Breccia, typical		,	3		2			/_	
	,	dark green pyroclastic									
		dark green pyroclastic with varriable angular									
		fragments dence, brittle			<u> </u>		ļ				
1		fragment dence, brittle			<u> </u>					<u> </u>	

Hole Number 85-11
Page 2 of 5

Foota	ge	Description	Graphic	c Log			Alt	eration				
From	To		Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.		
93.4	104.2	Altered Zone, primarily pale grey bleached zone enveloping narrow quarti-carbonate			3	2		4	/	<u> </u>		
		grey bleached zone enveloping				ļ	ļ			ļ	 	
		narrow quartz-carbonate			 	ļ				ļ		
		stringers abrupt contacto				ļ		ļ				
		softer than host rocks	·		·	ļ			ļ	<u> </u>		
		above and below						ļ	ļ			
		95.6 - 3' minor afteration						<u> </u>	 	<u> </u>		
		102'-12" with sulphides				ļ		ļ		ļ		
		healing fine fractures				ļ		<u> </u>		<u> </u>		
104.2	160.0	Andesite Breccia varriable dark green rock consisting			2		2	<u> </u>	<u> </u>	1_/_		
		dark green rock consisting				<u> </u>	<u> </u>	ļ	ļ	ļ	<u> </u>	
<u> </u>		of course angular fragments					<u> </u>	<u> </u>		<u> </u>		
		mottled with pale green &						ļ	<u> </u>	 		
	<u> </u>	milky phenocrysto, quartz-						ļ		<u> </u>		
		carbonate healing Hight					<u> </u>	ļ	<u> </u>	ļ		
	ļ	fractures, local epidoteization	7			ļ	ļ		<u> </u>	<u> </u>		
	<u> </u>	124'- 6" bleached zone					 	ļ	ļ	_		
	<u> </u>	enucloping "14" stringers					ļ		<u> </u>	<u> </u>	 	
160.0	1695	Altered Zone, pale grey or	<u> </u>		3	1		4	1	<u> </u>		ļ
		enveloping "14" stringers. Altered Zone, pale grey or green bleached zone encomposing several quartz					-			-	 	
		encomposing several quartz carbonate stringers, minor	 				<u> </u>		 		 	ļ
		carbonate stringer miner	<u> </u>					-	_		ļ	ļ
		sulphides in stringer or					<u> </u>	_	<u> </u>	· ·	<u> </u>	<u> </u>
		hading narrow fractures			1	Ì						1

Hole Number 85-//
Page 3 of 3

Foota	ge	Description	Graphi	c Log			A1 t	eration				
From	То	,	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
		168'- 2" stringer				ļ						
169.5	183.5	168'- 2" stringer Andesite Breccia, as above			3	ļ	2					
		dence dark green rock						· .				
		with vague angular										
		with vague angular fragments of course	<u> </u>							<u> </u>		
		breccia, minor carbonate										
		healing tight fractures	·									
183.5	186.5	Altered Zone, typical			3	/		4	1			
		bleached section with										
		narrow gtz-carb stringer						<u> </u>	<u> </u>			
		and minor coarse sulphid	-S									
186.5	1883	Andesite Breccia, dence, hard			4		/		/			
		purplish green rock with			, 	<u> </u>						
		dark arten fragments				<u> </u>						
		dork green fragments, pyroclastic, highly silicinus Altered Zone, varriable as										
188-3	228.5	Altered Zone varrichle as	<u> </u>		4		<u> </u>	3	2			
		detailed below, some sect-					<u> </u>					
		ions adjacent to stringers are				<u> </u>			ļ <u>.</u>			
		highly bleached while other										
		intervals retain originnal	<u> </u>				<u> </u>					
		color, all pyroclastics, ash				<u> </u>	<u> </u>	<u> </u>			ļ	
		and lapilli with some coon	4			1	<u> </u>		<u> </u>		<u> </u>	
		fragments, intermitent						1			ļ'	
		entahide mineralis atim	H			1						

Hole Number 85-//
Page 4 of 5

Ep.		eration Carb.	Ch1.	C124			Graphi	Description		Footag
				j Clay !	Sil.	Remarks	Sketch	DC3C1 1P 01011	To	om
		<u> </u>						healing fractures of with		
1 1								gtz-carbanate stringers		
							* *	0188.3 - 24" bleached ash with		
								sulphide along fractures		
								sulphide along fractures (nice plumbing system) 191- moderate alteration		
+	-	 						193.7 - week elteration 197.0 - 12"- 50% atz-carb		
+		 						minor course sulphides		
								198.0 - moderate alteration		

								Frond blebs of py, sp + gelena		
							**	206.8, silicious, minor sulphides	 - -	
 		ļ					r *	211.0 trace sulphides along fracture		
								213.0 silicious, as above but		
	· · · · · ·		·					220.0 moderate alteration, some	├	
-								hemitite, carbonate healing		
1		 			`			fracture land blanking		
								,		
1			2		2			Indesite Breccia tupical dark	2415	18.3
								green pymolastic, mattled		
		ļ						benifite along fractures.		
			2		2			fractures, local bleaching 227.0-6" at vein, minor sulph Breccia, typical dark green pyroclastic, mattled, hemitite along fractures,	24/-5	28.3

Hole Number 85-11
Page 5 of 5

Footag		Description	Graphi	c Log			A1t	eration		·+ 	· · · · · · · · · · · · · · · · · · ·
rom	То	Description	Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.	
		lower contact gradational						<u> </u>	ļ	ļ	
141.5	2455	Altered Zone, bleached pale	* *		4	2	<u> </u>	2	2.		
		greenish grey, mineralized along narrow fractures, py, sp, galena + tetrahedrite, minor guartz-carbonate					<u> </u>	 	 	 	
		along narrow fractures, py,				 	ļ	ļ. — —	 	 	
		sp, galena + tetrahedrite,	<u> </u>				ļ		 	 	
		minor quartz-carbonate				 		 			
45.5	250.0	Andesite Breccia, dark green	<u>.</u>		4	 		 	 	 	
		with local margon tinge,					 	1	-	 	
· · · · · · · · · · · · · · · · · · ·		hemetite and carbonate class				 				 	
	ļ	fractures, coone distinct							 		
		angular fragments, very hard	 			 		-	-	 	
250-0	2580	Altered Zone, pinkish grey section banded at 450 to care, sparse	 		7	 		12	-	 	
	 					-		1	 	+	
	 	sulphides in tight fractures,				 	 	 	 	 	
	 	origional texture obliterated	<u> </u>			 	 		·		
2500	2/6/	contacts gradational over 12"			3		 		†	1	
130.0	1602	Andesite Breccia, varriable morom and green, coarse fragmento,					 	 	1	1	
	-	hemetite and carbonate along				1			1		
	 	fractures, similar to Silver	<u> </u>								
		Eup zone									
	1										
		268 - End of Hole									
	 			 			1				

TOPLEY PROPERTY Drill hole number 85-// Extension
Core type NO Date November, 1985 Page / of

DRILL	HOLE	GEOL	OGIC	LOG

Northing Easting Elevation Dip Bearing Total Length 3/5

Alteration Scale
5 - Extreme Alteration

4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration

- Weak Alteration

0 - No Alteration

		—	Description Graphic Log Alteration Sketch Remarks Sil. Clay Chl. Carb. Seri. Ep.										
	oota		Description	Sketch I	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
Fron	1	То							·				
26	8.0	3/7.0	Andesitic Breccia, dark grey-			<u> </u>							
İ	l		arcen with angular clasto										
			Andesitic Breccia, dark gray- green with angular clasts and mottled blebs of			ļ							
			epidate to 294', minor carbonate healing fractures, 303'- 3' dark dence fine grained section some hometite along tight fractures, visually woid of sulphides										
			carbonate healing fractures,				<u> </u>			 			
	_		303'- 3' dark dence			ļ <u>. </u>	ļ						
			fine grained section				ļ						
			some hometite along tight				ļ						
			fortune visually world						<u> </u>		ļ		
			francis, wilder						<u> </u>	<u> </u>			
			of surphides	1									
			317 ft - End of Hole								ļ	· .	
			3/1 ft - End of Hole			1		1					
		ļ		 		-							
				ļ		+		 			1		
								 					
							_	-					
					1					-		 	
		†										 	<u> </u>
													<u> </u>
				1							<u>.</u>		
			<u> </u>	 		+		1	1				
1						_ l							

TOPLEY PRO	OPERTY		
Drill hole		85-	-/2_
Core type			
Date	Novemb	ser 1.	1985
Logged by	E.	5. Ho	15
Dage / C)f	2.	a constant

RILL	HOLE GEOLOGIC	C LOG
	Northing	
	Easting	
	Elevation	
	Dip	
	Bearing	
	Total Length	355 ft

Alteration Scale
5 - Extreme Alteration

4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Footage	<u> </u>		Graphic Log		Alteration						
	To	Description	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.	
		Overburden	_								
		0 / /									
7.7		angular fragments in a	V A								
		predominently margon	<- \d'.			<u> </u>					
		matrix, massive competent	Δ.								
		core, rare calcite stringers	A		ļ						
		27.5 - 8" andesite dyke									
35.53	38.5	Andesite dyke, dence, hard,									
		fine orained with chilled	/								
		fine grained with chilled margins, coarse white				ļ			ļ		
		amyodules in central port-				ļ					
		ion, some narrow calcite	4		<u> </u>	<u> </u>	· .	ļ	ļ		
		stringers	П		<u> </u>	<u> </u>		<u> </u>			
38.5		Manage Proclastics as above	0501		<u> </u>	ļ		ļ		ļ	
		some very coarse frag-	OTA	,	<u> </u>	ļ	ļ				
		mento which are heredom-					ļ	<u> </u>	<u> </u>	<u> </u>	
		inately a mottled, medium	1,1			ļ		<u> </u>	ļ		
		grained undesitive rock,	10/1			.	ļ		ļ	ļ	
		rare quartz-carbonate	Win.		<u> </u>		<u> </u>	ļ	<u> </u>	<u> </u>	
		stringers, vare hemitite strs.					1			ļ	
		257'- 4" andesite duk-	100	<u> </u>		<u> </u>					<u> </u>

	DRILL HOLE GEOLOGIC LOG	
TOPLEY PROPERTY	Northing	Alteration Scale
Drill hole number 85-12	Easting	5 - Extreme Alteration
Core type	Elevation	4 - High Alteration
Date	Dip	3 - Moderate Alteration
Logged by	Bearing	2 - Some Alteration
Page 2 of 2	Total Length	l - Weak Alteration
		O - No Alteration

Foot	age	Description	Graphi	c Log		i		ration			
From	To	Description	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.	
	•	270'- fracture with exidation									
		continues in monotonously similar coarse, barren puroclastics to the end of the hole at 355'									
		similar course, barren							<u> </u>		
	<u> </u>	puroclastics to the end						<u> </u>			
		of the hole at 355'			·				`		
	1										
		Note: no visual sulphides or other explanation for I.P. anomaly noted					- ,				
	-	or other explanation									
	 	for I. P. anomaly noted						<u> </u>			
		,		· · · · · · · · · · · · · · · · · · ·							
		355' - End of Hole									
	-	335 - End at 176/C									
	 .								-		
										<u> </u>	

	DRILL HOLE GEOLOGIC LOG	
TOPLEY PROPERTY Drill hole number 85 -/3	Northing Easting	Alteration Scale 5 - Extreme Alteration
Core type	Elevation	4 - High Alteration
Date November 3 1985 Logged by E. S. Holt	Dip Bearing	3 - Moderate Alteration2 - Some Alteration
Page / of	Total Length	1 - Weak Alteration 0 - No Alteration

Foota	ige	Description	Graphi	c Log				ration				
From	To	Description	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
0	6.0	Overburden										
		Maroon Pyroclastics, lorge										
		angurlar fragment in										
		marcon colored matrix,				ļ						
		some clasts are subround-										
		ed, more pronounced mar- non colour beyond 50', a few scattered calcite			ļ	ļ						
		non colour beyond 50', a										
		few scattered calcite										
		stringers, massive rock,										
		excellent recovery					ļ		· · · · · · · · · · · · · · · · · · ·			
71.0	75.0	Andesite dyke, green, fine					·					
		Andesite dyke, green, fine grained, sharp chilled contacts										
		contacts										
75.0	1850	Marnon Puroclastics as above										
		coarse angular fragments				ļ						
		of motiled grey-green			ļ		<u> </u>			ļ		
		rock in maroon ash			<u> </u>	ļ				ļ		
		coarse angular fragments of motfled grey-green rock in maroon ash matrix, rare calcite			ļ					-		
		stringers			ļ	ļ				ļ		
		stringers 177 prominent bedding								ļ	ļ	
	J ,	at 45° to care,	<u> </u>	<u> </u>	<u> </u>	and a man manya minatir					<u> </u>	

	DRILL HOLE GEOLOGIC LOG	
TOPLEY PROPERTY	Northing	Alteration Scale
Drill hole number 85 - 13	Easting	5 - Extreme Alteration
Core type	Elevation	4 - High Alteration
Date	Dip	3 - Moderate Alteration
Logged by	Bearing	2 - Some Alteration
Page 2 of 3	Total Length	1 - Weak Alteration
		O - No Alteration

Footage	Description Graphic Log Alteration Sketch Remarks Sil. Clay Chl. Carb. Seri. Ep.									
From To	Description	Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.	
	several narrow hands of									
	ash									
185.0 1920	Andesite Dyke, fine grained, green, chilled contacts Maroon Pyroclastics, as above									
	green chilled contacts									
192.0 203.1	Maroon Pyroclastics, as above							· · · · · ·		
	coarse frigment in an									
	ash matrix									
203-0 210-0	Andesite Dyke, dark green, fine									
	grained, chilled contacts			ļ	ļ			ļ		
	grained, chilled contacts at inconsistent angles to							<u> </u>		
	core very dence rock					·				
210.0 241.0	Moroan Pyroclastics, as above					· · · · · ·				
	predominantly large grey-		- 4		<u> </u>					
	predominantly large grey- green mottled fragments			<u> </u>						
<u> </u>	with moroon matrix, cont-				ļ					
	inuing massive unit									
241.0	Unconformity? abrupt change				ļ					
	to pale green pyinclastics	ļ			ļ		ļ	ļ		
	to pale green pyinclastics which over a 20 foot									
	section grades back into									
	tunical marrow numerostics	<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>		

TOPLEY PROPERTY

Drill hole number 85-13

Core type

Date

Logged by
Page 3 of 3

DRILL HOLE GEOLOGIC LOG

Northing
Easting
Easting
Elevation
Dip
Bearing
Total Length

Drill hole number 85-13

Easting
5 - Extreme Alteration
4 - High Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Foota	ige	Dogovintion	Graphi	c Log			Alte	ration				
From	To	Description	Sketch	c Log Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
24/0	227.	Punclashies rate over at										
7//0	7.77	1 section of the sect]			
		Top of section grading into										
		typical moroon pyroclastics								 		
		as reported above, sharp										
		weathered upper contact							, , , , , , , , , , , , , , , , , , ,			
,		306-310 some patchy epidate										
		Description Pyroclastics, pale green at top of section grading into typical maroon pyroclastics as reported above, sharp weathered upper contact 306-310 some patchy epidate a few narrow calcite stringers				,						
	1	stringers										
		337 ft end of Hole										
												,
	 -						·					
			· · · · · · · · · · · · · · · · · · ·		 					 		
	 						 		-	 		
	<u> </u>				ļ		ļ			}		
										<u> </u>		ļ
	1											
	†				<u> </u>				-	 		
1	1	t	1	f 	1	<u> </u>	<u> </u>	L		ــــــــــــــــــــــــــــــــــــــ	<u> </u>	l

TOPLEY PROPERTY Drill hole number 85-14	
Core type // O	_
Date November 6, 1985	=
Logged by	_
Page of there	

DRILL	HOLE GEOLOGI	C LOG
	Northing	
	Easting	
	Elevation	
	Dip	
	Bearing	
	Total Length)

Alteration Scale
5 - Extreme Alteration
4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

l		Graphic Log Alteration										
Foota	ige To	Description	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
From	 							e.				İ
0	12	Overburden										
12 1	115	Maroon Pyroclastics, colourful	~ "									
10.0	162.2	1:11 slack	(a. ,)									
	 	highly variable clasto	(-							. [
		ranging through greens,				<u> </u>						
		grays and reds, scattered	4			ļ						
		epidate, some broken sect-	6:5	-								
		inns deen weathering	6			ļ			<u> </u>			
		ions, deep weathering 59'- 15" andesite dyke	7				<u> </u>					
61.5	760	Mineralized Pyroclastics	37						ļ			
6/15	700	black and grey minerals	15				ļ		<u> </u>			
		with printe healing	27		<u> </u>		· .		ļ			
		with pyrite healing fractures or as narrow			ļ		<u> </u>		 			
		veinlets	>/: <				ļ		<u> </u>			
			1.20,				ļ	-	ļ	<u> </u>		
	,	62'-18" with 10% grey	12/		<u> </u>	_		ļ	 			
		67 to 75 barren section	15.		<u> </u>		-		-	 		
		75 - 12" mineralized section	250 -		<u> </u>					-		
		along possible fault zone	(1	-	 			-	 		<u> </u>
76.0	131.1	Maroon Pyroclastics, as show	والم			<u> </u>	-		 			
780		with less prnounced	<u> </u>				 					
		many enlar in unner							<u> </u>	<u> </u>	<u> </u>	<u></u>

·	DRILL HOLE GEOLOGIC LOG
TOPLEY PROPERTY	Northing
Drill hole number 85-14	Easting
Core type	Elevation
Date	Dip
Logged by	Bearing
Page 2 of three	Total Length <u>254</u>

Alteration Scale
5 - Extreme Alteration
4 - High Alteration
3 - Moderate Alteration
2 - Some Alteration
1 - Weak Alteration
0 - No Alteration

Foota	ane		Graphi	c Log			Al te	ration				
From	To	Description	Sketch	Remarks	Sil.	Clay	Chl.	Carb.	Seri.	Ep.		
11011	'-	section, some hemetite along						· · · · · · · · · · · · · · · · · · ·				
		fractures				ļ			<u> </u>			
131-0	156.0	Andesitic Flows, predomin-			<u> </u>				<u> </u>			
		ently grey-green, fine	<u> </u>		 -					 		
		grained andesite with some clasts, varriable,		,	, ·		<u></u>		 			
	<u> </u>	some clasts, varriable,			·	<u> </u>				 		
	ļ	gradational contact with pyroclastics above				 			<u> </u>	 		
		pyroclastics above			 		 		 	 		
156.0	168.0	Volcanic Breccia, highly			<u> </u>	 		-		 		
		variable fragments and	1			 -		 				
<u></u>		ash with some andesition	ļ				· .	-				
		sections, predominantly green			 	 		 				
		with reds & greys	<u>.</u>		<u> </u>		 				 	
		sections, predominantly green with reds & greys 164-168 Bleached section			ļ	ļ	 		 		 	
	<u> </u>	light yellowish green	<u> </u>			<u> </u>	 	<u> </u>		 		
168.0	1834	Andesite like, dark green, fine			<u> </u>		ļ		_			
		grained, sharp chilled			-		 				 	
-		grained, sharp chilled contacts, minor quartr-cor			 		 	-		+		
		bonate , hemetite along tight	4		-			-				-
		fractures or as narrow		ļ	<u> </u>			-		<u> </u>		
	21,50	Stringer									<u> </u>	

TOPLEY PROPERTY

Drill hole number 85-14

Core type NO

Date

Logged by Page 3 of 4-hree

DRILL HOLE GEOLOGIC LOG

Northing 5 - Extreme Alteration

Elevation 0

Elevation 3 - Moderate Alteration

Bearing 2 - Some Alteration

1 - Weak Alteration

O - No Alteration

Footage	Description	Graphi	c Log			Al te	ration						
From To	Description	Sketch	Remarks	Sil.	Clay	Ch1.	Carb.	Seri.	Ep.				
183-0 25	Description Volcanic Breccia, similar to above, highly var- iable rock unit with intermitent sections of breccia & flow, variety of angular clasts, some bleaching in upper 10 ft., local sections with epidote and hemetite is common along fracture predominantly gry-green												
	to above highly var-				ļ <u>.</u>								
	iable rock unit with												
	intermitent sections of												
	breccia + flow variety				<u> </u>			· · · · · ·					
	of angular clasto, some	ļ		·		<u> </u>							
	bleaching in upper												
	10 ft., local sections		'	ļ									
	with epidote and hemetite	<u> </u>											
	is common along fracture	<u></u>		ļ	-								
	predominantly gry-green	ļ			<u> </u>	·							
	, , , , , ,	ļ		<u> </u>	ļ	·							
					<u> </u>		<u> </u>						
	254 ft - End of Hole	<u> </u>					 	-					
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		<u> </u>		 	 			 					
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				<u> </u>	<u> </u>	ļ	 	ļ	<u> </u>	<u> </u>			
1					l					<u> </u>			

PROPERTY TOPLEY	NORTHING		BEARING	
DRILL HOLE NO85-9 DRILL TYPENO DATE	EASTING ELEVATION DIP	-450	TOTAL LENGTH LOGGED BY PAGE of	14

Sample	Int	erval		Reco	very	Geologic Notes		Assay	Resul	ts	
Number	From	То	Length	Wt.	%		G/T Ag	G/T Au	%Cu	%Zn	%РЬ
	0	19.0				Overburden					
	19.0	400			92	Volcanie Breccia					
5532	40.0	43.0	3.0		90	Altered Zone	2.2	.01	.006	.12	./4
	43.0	172.0			98	Volcanic Breccia					
5533	172.0	175.0	3.0		92	Volcanie Breccia, mineralized	0./	.01	.003	.01	.01
	175.0	182.5			97	Volcario Breccia					
5534	182.5	187.2	4.7		98	Altered Zone	0.1	.04	.005	.01	.02
	187.2	199.5			100	Volcanie Breccia					
5535	199.5	209.0	9.5		28	Altered Volcanic Breccia	0.1	-01	.006	.01	.01
5536	ii .	1	7.0		96	Altered Volcanic Breccia	0.1	.01	.002	.01	.01
5537	216.0	222.0	6.0		96	Altered Volcanie Breccia	0.1	.04	.003	.01	-01
5538	222.0	227.0	5.0		100	Alteration Zone	0.1	. 02	.004	.01	.01
5539	227.0	232.0	5.0		98	Alteration Zone	6.0	./3	.016	.54	.50
5540	232.0	237.0	5.0		100	Alteration Zone	2.0	. //	.010	.30	.15
5541	237.0	242.0	5.0		100	Alteration Zone	18.0	.28	.046	1.67	.48
5542	242.0	247.0	5.0		98	Alteration Zone	16.5	.15	.036	.45	.60
5543	247.0	252.0	5.0		98	Alteration Zone	1.0	.02	.005	.06	.09
5544	252.0	255.0	3.0		96	II	0.1	.01	.004	.01	.01
5545	255.0	261.0	6.0		99	Mineralized Alteration Ione	0.2	.01	.004	.01	.01
5546	261.0	267.0	6.0		97	Mineralized Alteration Zone	15.0	.42	.020	.06	.16
5547	267.0	272.0	5.0		95	Alteration Zone	0.2	.06	.004	.04	.04
5548	272.0	277.0	5.0		97	Alteration Zone	0.1	.01	.004	-01	.02
5549	ii	•	1		97	Alteration Inne	0.1	.01	.004	.01	.01

PROPERTY TOPLEY	NORTHING		BEARING _2	25°
DRILL HOLE NO. 85-10 DRILL TYPE NQ DATE July 20, 1985	EASTING ELEVATION DIP	- 45°	TOTAL LENGTH LOGGED BY PAGE ∠_ of	182 Ft E.S.H

Sample	Int.	erval		Reco	very	Geologic Notes		Assay			
Number	From		Length	Wt.	%	•	G/T Au	G/T Ag	%Cu	%Zn	%Pb
-	0	10.5				Overburden					
	10.5	56-0			95	Andesite Breccia					
2/5/	56.0	57.5	1.5		98	Alteration Zone	. 042	3.90	.04	3.40	.16
II.	57.5	1	1		93	Alteration Zone	.001	.28	-01	.05	<i>.</i> 07
		72.5		·	97	Andesite Breccia			•		
2/53	72.5	74.5	2.0		100	Andesite Breccia (altered)	.001	.04	.01	.02	.01
	1	131.5	i		97	Andesite Breccia	<u> </u>				
2154	1	1	1		99	Altered Zone	.002			1 1	
2155	1	_				Altered Zone	.017	12.55	.07	.40	
2156	-11	ı	4		1	Altered Zone	.002	.05	.01	./2	.07
	ii ii	1.39.6			98	Altered Zone (less intense)					
2157	14 '	1			95	Altered Zone	.001	.10	.01	.06	.03
·	11	158.0	1		96	Andesite Breccia	_				
	- 11	159.6	1		90	Altered Zone					
2158	11 -	1	1		94	Altered Zone	.001		.01		·02
2/59	11	1			94	Altered Ime	.013	10.39	.09	L	
	III .		4.8		98	Altered Zone	.001	.07	.01	.03	.03
		182.0			97	Andesite Breccia			<u> </u>	ļ	
						·			<u> </u>	ļ	
									ļ		
						182 Ft - End of Hole			ļ		ļ
									ļ	-	<u> </u>
									<u> </u>		<u> </u>
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PROPERTY TOPLEY	NORTHING		BEARING	25°
DRILL HOLE NO. 85-11 DRILL TYPE NO. 85-11 DATE July 20, 1985	EASTING ELEVATION DIP	-650	TOTAL LENGTH LOGGED BY PAGE ∠ of	268 ft E.S.H 2

Sample	Int	erval		Reco	very	Geologic Notes		Assay			
Number	From	To	Length	Wt.	%	·	G/T Au	G/T Ag	%Cu	%Zn	%РЬ
	0	7.0				Querburden					
	7-0	56-0			90	Andesite Breccia					
2161	56.0	58.5	2.5		1 / 1	Altered Ime	.009	.27	.01	.62	.06
	58.5		4.2		97	Altered Zone	.001	.03	.01	.02	.02
	16	93.4			99	Andesite Breccia					
2/63			2.2		99	Altered Ime	.001	.//	.01	.08	.04
	, , , , , ,	98-6			95	Altered Zone (visually barren)					
2/64		1 -	5.6		97	Altered Zone	.008	1.42	.01	.59	.47
7	104.2	l			94						
2165	II	{ ' '	5.0		98	Altered Ione	.002	.04	.01	.03	.01
2/66	IF =	1"	l .		1	Altered Zone	.005	.20	.01	.16	./2
1	169.5	1	1 _ 1		1 ' '	Andesite Breccia					
2/67	H	1	1		1 1	Altered Zone	-003	.08	.01	.10	.03
, , , , , , , , , , , , , , , , , , ,	186.5	i	1		1 7	Andesite Breccia					
2/68	11	r	1.7		98	Alteration Zone (5% sulphides)	.007	.28	.01	.18	.21
2/69	191.0	193.7	2.7			Alteration Zone	.001	.01	.01	.02	.01
	H	197.0	1		98	Alteration Zone (visually barren)					
2/70	31	1	j			Alteration Zone (50% vein, tr sulph)	.001	.02	.01	-01	.01
	N .	205.0	1		L .	Alteration Zone (barren)					
2/7/						Alteration Zone (25% vein, 5% sulph	.014	.32	.01	.36	.04
1	206.8	1	1			Alteration Zone (10% vein, 5% sulph					
2/73						Alteration Zone (5 % vein 2% sul.)			.01	.23	.17
2174	11	1	i		!	Alteration Zone (3% vein, 1% sulph)	11	1	.01	.05	.06
<u></u>	11	1		u	T				ł	1	ļ

PROPERTY	NORTHING	BEARING	
DRILL HOLE NO	EASTING ELEVATION DIP	TOTAL LENGTH LOGGED BY PAGE 2 of	

Sample	Int	erval		Reco	very	Geologic Notes		Assay	Resul	ts	
Number	From	To.	Length	Wt.	%	•	G/T Au	G/T Aq	%Cu	%Zn	%Pb
2/75	227-0	228.3	1.3		98	Alteration Zone (50% gtz, 2% sul.) Andesite Breccia	.003	.09	.01	.09	.07
	228.3	241.5			95	Andesite Breccia					
2176	241.5	245.5	3-0		96	Andesite Breccia Alteration Inne (3% sulphides)	.002	.24	.01	.14	.14
	245.5	250.0			98	Andesite Breccia					
2/77	250.0	258-0	8.0		95	Alteration Ione (trace sulphides	.001	.01	.01	.01	.01
1	11	268.0				Andesite Breccia					
						<u> </u>					
		·				268 Ft - End of Hole	·				
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PROPERTY TOPLEY NORTHING	51,400 N	BEARING West
DRILL HOLE NO. 85-12 EASTING DRILL TYPE NO Core ELEVATION DATE November / 1985 DIP	_50,335E -50°	TOTAL LENGTH LOGGED BY PAGE of

Sample		erval		Reco	very	Geologic Notes			Assay	Resul	ts	
Number	From	То	Length	Wt.	%		G/T /	Au	G/T Ag	%Cu	%Zn	%РЬ
·	0	9.7				Overburden						
	9.7	35.5			97	Maroon Pyroclastis						
		38.5			98	Andesite Duke						
	38.5	92.5			100	Margon Puroclastics						
2201	92.5	94.5	2.0		98	Overbur den Maroon Pyroclastics Andesite Dyke Maroon Pyroclastics Maroon Pyroclastics, 10% gtz-corh Maroon Pyroclastics						
	945	3550			98	Marga Puraclastics						
	77.5	J. J. J. J. J.			70	7,50,500,79,00,000						
						355 ft - End of Hole						
)) 5 Ft = 114 01 710E						
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				<u> </u>			 				ļ	
	_											

PROPERTY TOPLEY	NORTHING	51,500 N	BEARING <u></u>	Vest
DRILL HOLE NO. 85-13 DRILL TYPE No Core DATE November 3, 1985	EASTING ELEVATION DIP	50,050 E -50°	TOTAL LENGTH LOGGED BY PAGE of	337 ft E.S.W. One

Sample	Interval			Recovery Geologic Notes		Assay Results					
Number	From	To	Length	Wt.	%	,	G/T Au	G/T Ag	%Cu	%Zn	%Pb
	0	6				Overburden					
	6	7/				Margon Pyroclastics					
	7/	75				Andesite Dyke					
,	75	185				Margon Puroclastics					
	185	192				Andesite Dyke					
	192	203				Overburden Maroan Pyroclastics Andesite Dyke Maroan Pyroclastics Andesite Dyke Maroan Pyroclastics Andesite Dyke Maroan Pyroclastics Unconformity Maroan Pyroclastics					
	203	2/0				Andesite Dyke					
	210	241				Margan Riroclastics					
	241	24/				Unconformity					
	241	337				Margon Puroclastics					
						337 ft - end of hole					
						·					
									<u> </u>		
	1	<u> </u>									
t	.R	L		H	<u>.</u>			<u> </u>	<u> </u>	l	<u> </u>

PROPERTY TOPLEY	NORTHING	51,400N	BEARING <u></u>	<i>Jest</i>
DRILL HOLE NO. <u>85-14</u> DRILL TYPE <u>NO</u> DATE <u>November 6, 1985</u>	EASTING ELEVATION DIP	49, 225 E 50°	TOTAL LENGTH LOGGED BY PAGE ∠_ of	254 ft E.S.H

Sample	Interval			Recovery		Geologic Notes	Assay Results				
Number	From	То	Length	Wt.	%		G/T Au	G/T Ag	%Cu	%Zn	%РЬ
	0	12.0			,	Overburden					
	12.0	61.5			85	Margon Pyroclastics		ļ			
2202	61.5	64.0	2.5		75	Marcon Pyroclastics Mineralized Pyroclastics					
2203	11		1		80	Mineralized Pyrodostics		<u> </u>			
	67.5	75.0	7.5		96	Maroon Rynclastics				<u></u>	
2204	75.0	76.0	1.0	<u> </u>	85	Mineralized Pymolastics					
<u> </u>	76.0	131.0			92	Mineralized Pyroclastics Maron Pynclastics Maron Volcanics					
	131.0	156.0		<u> </u>	95	Andesitic Flows					
	156.0	168-0			96	Volcanic Breccia			<u> </u>		
	n	183-0			98	Andesite Dyke Volcanic Breccia			 		
	183-0	254.0		ļ	95	Volcanic Breccia			ļ		
				ļ				ļ			<u> </u>
											ļ
						254 ft - End of Hole					!
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ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: MAY 1 1985

DATE REPORT MAILED:

FILE # 85-0475

May 3/85

PAGE

ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 50ML OF 3-1-3 OF HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR. AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .01%.

- SAMPLE TYPE: P1-CDRES P2-SLUDGES AUT 10 GRAM REGULAR ASSAY

BISHOP RESOURCES

ASSAYER: DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

				- "	· // W	
SAMPLE#	Cu %	РЬ %	Zn %	Ag oz/t	Au oz/t	
	/•	/•	/=	U2/L	U2 / C	
5501	.01	.01	.01	03	.001	
5502	.01	.02	.01	.06	.001	
5503	.01	.04	.09	.08	.003	
5504	.01	.07	.09	.21	.006	
5505	.01	.01	.02	•03	.002	
5506	. 16	. 96	1.90	31.98	.045	
5507	.01	. 11	. 14	.09	.003	
5508	.01	.01	.02	.01	.001	•
STD R-1	.89	1.37	2.38	2.95		

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124 DATE REPORT MAILED:

DATE RECEIVED: MAY 25 1985

ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 50ML OF 3-1-3 OF HCL-HN03-H2O AT 95 DEG. C FOR DNE HOUR. AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .012.

STD R-1 - 2.97 .89 1.37 2.40

- SAMPLE TYPE: CORES AUT 10 GRAM REGULAR ASSAY

ASSAYER: DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

	BISHOP RES	DURCES	FIL	E # 85-	-0699	•	PAGE
SAMFLE#		Ag					
	OZ/t	oz/t	7.	**	%		
5512	.005	.23	.01	.08	. 14		
5513	.001	. 28	.01	.05	. 11		
5514	.001	.05	.01	.01	.02		
5515	.008	10.18	.07	.59	1.28		
5516°	.001	.81	.01	.05	.04		
5517	044	54.43	. 37	1 . 34	. 44		
5518		.46		.12			
5519		.57					
5520		1.15		.17			
552f		.61		.31			
tul tul die E	# WW.	- 01	.01	• • •			
5522	.020	32.57	.16	5.97	.33		
5523		141.30					
5524	.016	33.63	.35	2.71	.33		
5525		.78					
5524		.29		.04			
5527	.220	ማወ ለወ	عفت اسه	3.58	1.54		
5528 5500		. 19		.01			
5529		.19		.03			
5530		. 14					
5531	.030	21.91	. 05	.22	. ০১		
			•				

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

COMPANY: HOLT ENGINEERING

PROJECT: 117-1 ATTENTION: ED HOLT

FILE: 5-216

DATE: JUNE 11/85.

TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE	AG	AG	AU	AU	CU	₽B	ZN
NUMBER	G/TONNE	OZ/TON	G/TONNE	OZ/TON	%	%	%
5532	2 - 2	0.06	.01	0.001	.006	. 14	.12
5533	0.1	0.01	.01	0.001	.003	. O 1	.01
5534	0.1	0.01	.04	0.001	.005	.02	.01
5535	0.1	0.01	.01	0.001	.006	.01	.01
5536	0.1	0.01	.01	0.001	.002	. Oi	.01
5537	0.1	0.01	.04	0.001	.003	.01	.01
5538	0.1	0.01	.02	0.001	.004	.01	.01
5539	6.0	0.17	.13	0.004	.016	.50	. 54
5540	2.0	0.06	. 11	0.003	.010	. 15	.30
5541	18.0	0.52	. 28	0.008	.046	. 48	1.67
5542	16.5	0.48	. 15	0.004	.036	. 60	. 45
5543	1.0	0.03	.02	0.001	.005	.09	.08
5544	0.1	0.01	.01	0.001	.004	.01	.01
5545	O. 2	0.01	.01	0.001	.004	.01	.01
5546	15.0	0.44	. 42	0.012	.020	.16	• 0 <i>0</i>
5547	0.2	0.01	.06	0.002	.004	.04	.04
5548	0.1	0.01	.01	0.001	.004	.02	.01
5549	0.1	0.01	.01	0.001	.004	.01	.01
							4

Certified by

MIN-EN LABORATORIES LTD.

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852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: JULY 22 1985

DATE REPORT MAILED:

July 25/8

ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 50ML OF 3-1-2 OF HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR. AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .01%.

- SAMPLE TYPE: CDRES AU\$ 10 GRAM REGULAR ASSAY

ASSAYER: V. Jamey DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

		BISHOP	RESOU	RCES	FILE	E # 85-	1489	FAGE
	SAMPLE	: #	Cu	Рb	Zn	Ag	Au	
			%	%	%	OZ/T	OZ/T	
	2151		.04			3.90	,	
	2152		.01			. 28		
	2153		.01	.01		.04		
	2154		.01	.01		.01		
	2155		.07	.21	.40	12.55	.017	
	2156		.01			.05		
	2157		.01	.03	.06	.10	.001	
	2158		.01		.02			
	2159		.09	.30	4.49	10.39	.013	
•	2160		.01	.03	.03	.07	.001	
	2161		.01	.06	.62	.27	.009	
	2162		.01	.02	.02	.03	.001	
	2163		.01	.04	.08	.11	.001	
	2164		.01	. 47	. 59	1.42	.008	
	2165		.01	.01	.03	.04	.002	
	2166		.01	.12	.16	.20	.005	
	2167		.01	.03	.10	.08	.003	
	2168		.01	.21	.18	.28	.007	
	2169		.01	.01	.02	.01	.001	
	2170,		.01	.01	.01	.02	.001	
	2171		.01	.04	.36	.32	.014	
	2172		.01	. 42	.74	.74	.012	
	2173		.01		.23	. 42	.006	
-	2174		.01					
	2175		.01	.07	. 09			
	2176		.01	. 14	. 14		.002	,
	2177		.01	.01	.01	.01		
	STD R	-1	.89				-	

MIN-EN Laboratories Ltd.

Specialists in Hineral Environments

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PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

COMPANY: HOLT ENGRG.

PROJECT: BISHOP ATTENTION: ED HOLT FILE: 5-895

DATE: NOV.13/85. TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU 0Z/TON	EU %	PB %	ZN %
2201	0.2	0.01	.01	0.001		i Tir tudga sada, yan tibaktura ayayan, adala asalan aya	····
2202	5.9	0.17	.16	0.005	.006	.05	.27
2203	0.4	0.01	.01	0.001	.006	.01	.02
2204	2.0	0.06	.02	0.001	.007	-01	.02

