LOG NO: 1210	RD.
ACTION:	
FILE NO: 87 - 870	-16609

EXPLORATION

WESTERN DISTRICT

SUB-RECORDER RECEIVED DEC1 1987 M.R. # ----- \$ -----VANCOUVER, B.C.

DIAMOND DRILLING

COMINCO LTD.

MAT 265 GROUP

Fort Steele Mining Division

Matthew Creek Area

N.T.S. 82F/9E

- Assessment Report -

LATITUDE: 49º 42' N

LONGITUDE: 116° 11' W 10'55"

OWNER OPERATOR

Cominco Ltd.

Box 2000 Kimberley, B.C. V1A 2G3

Work performed during June and July, 1987 GEOLOGICAL BRANCH ASSECCENT REPORT



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A Drill Log and Analytical Data
B Sullivan Mine Group of Mineral Claims
C Statement of Expenditures
D Affidavit
E Statement of Qualifications

#### COMINCO LTD.

#### EXPLORATION

#### WESTERN DISTRICT

#### DIAMOND DRILLING REPORT

#### MAT 265 GROUP

#### Fort Steele Mining Division

### 1.00 INTRODUCTION

# 1.10 Specific Location

DDH 6463, the hole being reported on, was drilled on a north-flowing tributary on the west fork of Matthew Creek. Access to the drill site is by logging and exploration roads.

#### 1.20 Property Description

The property being investigated forms part of the Sullivan Mine claim group, owned by Cominco Ltd. Cominco has operated the mine for about 75 years. The Sullivan stratiform Ag-Pb-Zn-Fe sulphide deposit is one of the most important of its type worldwide and has contributed significantly to the mineral wealth generated in the province of British Columbia.

### 1.30 Drilling

One hole is being reported on. It was collared at  $-60^{\circ}$  dip and was drilled to a depth of 304 meters using N wireline tools.

#### 1.40 Claims Explored

DDH 6463 was drilled on the Mat 265 Mineral Claim.





#### Page 4

# 2.00 DETAILED TECHNICAL DATA AND INTERPRETATION

# 2.10 Drilling

2.11 Objective

The objective of drilling DDH 6463 was to locate stratiform Ag-Pb-Zn-Fe sulphide ore.

# 2.12 Results

DDH 6463 intersected siliciclastic sedimentary rocks typical of the area. Pyrrhotite was noted locally, disseminated as an accessory mineral.

#### 2.13 Interpretation

0.0	-	3.0	m	Overburden
з.о		304.0	M	Siliciclastic sedimentary rocks, Aldridge Formation.

#### 2.14 Conclusion

DDH 6463 intersected siliciclastic sediments of turbidite and related origin, typical of the Middle Proterozoic Aldridge Formation.

non Report by:

P.W. Ransom Project Geologist Cominco Ltd.

Endorsed by: M

J.M. Hamilton Manager, Exploration Western Canada Cominco Ltd.

Mining Recorder (2) Copies: Western District Sullivan Mine Kootenay Exploration

# APPENDIX A

Diamond Drill Geological Log For D.D.H	GENERAL COMMENT	S: Sperry Sun Survey epth Azimuth 797' 2450	B Dip -600	
DRILLED BY: Tonto Drilling (B.C.) Ltd. TYPE DRILL: Longyear 38 CORE SIZE: NQ PERFORMANCE COMMENTS: Adequate, ground more broken than normal.				
 CASING REMAINING IN HOLE (LENGTH & SIZE): 10' HWL Rod + Shoe TYPE CAP & SEALING METHOD: 6" welded cap OTHER MATERIAL REMAINING IN HOLE: none SURVEY INSTRUMENT USED: Sperry Sun ADDITIONAL DOWN HOLE TESTS: none	BED THIC BEDS LAMINAE	LOG KNESS CLASSIFICATION Very Thick Bedded 100 cm Thick Bedded 30 cm Hedium Bedded 10 cm Thin Bedded 3 cm Very Thin Bedded 1 cm Laminated 0.3 cm Thinly Laminated	LEGEND Ourtz Feldspar LITHOLOGIC CLASSIFICATION D.D.H. 6463	

(Fort= 0.3048 metres

.

Property Sulli Commenced	an District Western / Ft. Steele M.D.Hole No. DDH 6463					
Completed	Core Size Corr. Dip Vert. Comp.	1				l
Co-ordinates	True Brg. Logged by	7		e		
Objective	% Recov. Date	Claim	T Brg.	Collar Dip	EV.	enath
	scription	Anal			<u> </u>	-
From To	Overburden	+			$\neg$	-
					-	
10.0 - 34.0	50% recovery, core broken on fractures and bedding. Quartz wacke, wacke, subwacke/argillite, medium grey, medium bedded, bed contacts			$\square$		ſ
	distinct to vague and flat, minor weathering. Slickensides on several bedding					Γ
	contacts and at low angle to bedding. Bedding to core 84° @ 12', 72° @ 32'.					Ĺ
34.0 - 62.0	65% recovery, several crumbly sections in thick beds.					Ĺ
	Quartzwacke, lowest bed is quartz arenite, bed tops graded to argillaceous, light grey, thick to very thick bedded (probably some bed contacts lost in drilling).					Ī
	Most beds are fine sand grain size, lowest is medium. Bed contacts not usually					Ī
	seen, some thin beds have bedding-paralle1 slip, and a 2 cm gouge zone at base of thick bed at $62'$ .					
62.0 - 94.0	65% recovery.					
62.0 - 54.0	Wacke with subwacke/argillite tops and 15% quartzwacke, medium to light grey,					
	some quartzwacke medium and fine grained, medium bedded with few thin beds, quartzwacke is thick bedded, bed contacts sharp to vague, flat, some wavy, many have slickensided					
	surfaces and thin gouge zones. Bedding to core 81° @ 77'.				_	
94.0 - 115.0	55% recovery.					
	Wacke, medium grey, medium bedded, one thick and several thin beds, bed contacts					Ĺ
	from distinct to vague and generally flat, slickensides and small gouge zones parallel or at low angle to bedding. Bedding to core 82° @ 100'.					L
115.0 - 116.0	Gabbro dike, alterted, with quartz.			┝┤	_	┝
						-
116.0 - 117.0	Wacke, altered, broken.					
117.0 - 118.0	Broken, includes gouge and coarse micaceous igneous(?) material.		$\vdash$		-	-
118.0 - 121.0	No core (i.e. intervals above may be thicker).				-	Ē
	· · · · · · · · · · · · · · · · · · ·		·			21

lot	Drill Hole	e Rec	ord		COMINCO Page 3						
	Property	Sulliv	an District	Hole No. DDH 6463							Sheet
	Commenced		Location	Tests at	Hor. Comp.						ľ
	Completed		Core Size	Corr. Dip	Vert. Comp.						
	Co-ordinates			True Brg.	Logged by			<u>D</u>	1	6	ġ
	Objective			% Recov.	Date	Claim	T Brg.	Collar	Elev.	Length	Hole No.
	Footage		cription				H-	ð	ū.	12	Ĭ
	From To	Des					1	<u> </u>			<u> </u>
	121.0 - 13	33.0	Wacke generally with subwacke/ medium to thin bedded, bed rip-ups), slickensides and sma Bedding to core 85° @ 130',	contacts generally sharp	and flat (some flames and						
	133.0 - 19	54.0	Quartz arenite, quartzwacke a and very fine grained, medium to distinct, flat (few wavy) 3mm wide gouge zone on one. Bo	(few thick and thin) bed , slickensides noted on tw	ded, bed contacts sharp						
	154.0 - 16	62.0	Wacke, subwacke/argillite with thin bedded with one interva at bottom, bed contacts sharp to bedding on at least 5 beds.	l laminated and two medium to vague and flat to irregul	beds and two thick beds ar, slickensides parallel						
	162.0 - 10	57.5	Gabbro, greenish grey, fine gre	ained, sill.		.	ļ	┣	<u> </u>		+
	167.5 - 17	76.0	Guartz arenite, light grey, th tops 10 cm - 1 cm, bed contacts over most of their thickness	s distinct and flat to wa	vy, beds are homogeneous						-
	176.0 - 20	04.0	bedding. Wacke, subwacke, argillite and	guartzwacke and guartz are	site, this to very this						F
			with few medium and thick be more arenaceous, bed contacts sides are parallel to beddin 75° @ 191'.	ds, some laminated interva are primarily sharp and flat	ls, the thickest beds are , a few are wavy, slicken-						
	204.0 - 21	14.5	Quartz arenite, minor wacke/su	bwacke/argillite, thick bedd	ed with 1 foot interval		†	1-	$\vdash$	<u> </u>	t

214.5 Wuartz arenite, minor wacke/subwacke/argillite, thick bedded with 1 foot interval of thin and very thin bedded wacke/subwacke/argillite 111.0 - 112.5', bed contacts distinct to sharp and flat to wavy. Slickensides noted on bedding surfaces 111.0 - 112.5. Bedding to core 80° @ 111.0'.

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	Sulliva	District	Hole No. DDH646	<b>↓</b>					
 Commenced	SULLIVA	Location	Tests at	Hor. Comp.					
Completed		Core Size	Corr. Dip	Vert. Comp.					
Co-ordinates			True Brg.	Logged by			ġ		
Objective			% Recov.	Date	Claim	Brg.	Collar Dip	Elev.	Length
						alysis		<u>ju</u>	1-1
Footage From To	Descri	ption				1	<b>—</b>		F
214.5 - 2	21.0	Wacke, subwacke/argillite, and broken core, bed contacts		thin bedded, some weathering	ng	+-			╞
221.0 - 2	28.0	Quartz arenite, quartzwacke m with short sections thin be generally flat, slickensides	edded to laminated, bed co	ntacts sharp or distinct a	nd				
228.0 - 2	35.0	Wacke, subwacke/argillite, me sharp and flat, some have sli	edium grey, thin bedded ickensides. Bedding to cor	to laminated bed contac e 79 <sup>0</sup> @ 235′.	ts	+-		-	
235.0 - 2	41.5	Quartz arenite, light grey wavy,	y, thick bedded, bed con	tacts (2) distinct, flat a	nd				t
241.5 - 2	44.0	Wacke, subwacke/argillite, or medium bedded, contacts shar on bed contacts. Bedding to	p and flat to wavy, sandsto	to medium grey, thin a ne dike near top, slickens	ides	+			╞
244.0 ~ 2	64.0	Quartz arenite, quartzwacke, grey, thick to thin bedde (flame? or load feature at 24 Bedding to core 87° @ 250'.	ed, bed contacts sharp to	distinct and generally fl-	at 🖵				
264.0 - 2	74.0	Wacke, with quartzwacke, qua to thin bedded, bed contacts several beds contain rip-up o thin quartzwacke/argillite be	sharp to distinct generall clasts (usually of argillit	y flat, some slightly wav e tops) and near 273' seve					
274.0 - 2	83.0	Quartz arenite, minor subwack argillite [wacke] 277-278'),			•/		+-	-	╞
283.0 - 2	93.0	Wacke, quartzwacke, quartz an wacke/quartz arenite) and thi				+-		-	+

Drill Hole R		Hole No. DDH 646	Cominco Page 5					
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert. Comp.				ł	
Co-ordinates	······································	True Brg.	Logged by			ig D	ļ	
Objective		% Recov.	Date	Claim	F Brg.	Collar Dip		1
Footage	Description			Anal	37	8	<u>l</u> i T	
283.0 - 293.0	(Cont'd.) 288 - 289'. Beddin	g to core 88º @ 288'.			<b> </b>	-	ļ	
293.0 - 331.0	Quartz arenite, some quartzwac light grey, thick bedded wit than 30 cm) of thin beds, cont notod on a few bed surfaces ( Bedding to core 84 <sup>0</sup> @ 318′.	h a few medium beds and sev acts sharp and flat to s	veral short intervals (less lightly wavy, slickensides					-
331.0 - 341.5	Wacke, minor quartzwacke, quar thin bedded (few medium, 1 flat, a few beds have fine li bedding surfaces.	thick), bed contacts sha	arp to distinct and wavy to					-
341.5 - 345.5	Wacke, subwacke, argillite, m thin bedded, bed contacts shar	inor quartzwacke, medium t p and wavy, cross bedding p	to light grey, thin to very common (wavy laminated facies).		<b>—</b>		T	
345.5 - 351.0	Guartz arenite (1 thick), guar by 4 thin beds, contacts dis mm of gouge.	tzwacke and wacke, light g tinct and flat, one conte	grey, thick beds separated act has slickensides and 5					
351.0 - 363.0	Wacke, subwacke/argillite with grey, thin with few medium b	few quartz arenite or eds. contacts sharp and f	quartzwacke beds, medium flat with a few wayy open					
pb·9	slickensides noted on several strong slickensides at 354.5 d to core 70° @ 359'.	bedding contacts and a 3	cm crush zone bounded by					
363.0 - 376.5 1)6.6	Guartz arenite, light grey, f argillaceous intervals to 1'.	ine grained, thick bedded.	Massive to thin bedded				╞	
376.5 - 381.0	Wacke, subwacke/argillite, me rip-up? clasts overlying 30 cm noted on several bedding surfa	of predominantly subwac	the laminite, slickensides				ţ	

 4.4	0497	ł

Property Sullivan	District	Hole No. DDH 640	63					
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert. Comp.					
Co-ordinates	•	True Brg.	Logged by		1.	ä		
Objective		% Recov.	Date	Claim	Brg.	Collar	Elev.	
		- <u></u>			lysis		<u> </u>	1
Footage Descri	ption	-		<u>_</u>	1	T	<u> </u>	Ţ
381.0 - 403.0	Quartz arenite, wacke near bas thick bedded (some medium near on and parallel to some bed co	base), contacts distinct			+-	<u>}_</u>	<u> </u>	┥
403.0 - 407.0 172.3	Wacke, subwacke/argillite, me or sharp and flat to wavy, 50%	dium grey, thin and mediu	um bedded, contacts distinct			+	+	
407.0 - 432.0 124	Quartz arenite and guartzwacke medium and thick bedded, few c		or recoveries, light grey,	E	$\frac{1}{2}$	E	$\frac{1}{1}$	
432.0 - 434.0 BIG	Wacke, subwacke and argillite, and flat, Bedding to core 800		in bedded, contacts distinc	t	$\lfloor$	F	$\mathbb{F}$	
434.0 - 438.0	Quartz arenite, light grey, fi	ne grained, thick bedded,	contacts broken.	L	$\Box$	Τ	$\Box$	
438.0 - 440.0 137.5	Wacke, subwacke and argillite, and flat. Bedding to core 80 <sup>0</sup>		lium bedded, contacts sharp		$\frac{1}{1}$	$\frac{1}{1}$	$\square$	_
440.0 - 462.0 HIY	Guartz arenite, quartzwacke, (few thick and thin) bedded, c set of slickensides noted para	contacts mostly broken (	(few sharp and flat), one			<u> </u>	+	
462.0 - 477.5	Wacke, subwacke and argillite to faintly laminated (flat pa of what constitutes a comple	rallel) throughout often	n without clear indication	<b>. .</b>		+-	+	-
-	bed tops elsewhere) up to 1 cm are present. Sericite flecks cm wide, quartzwackes (one w	thick and a couple of be up to 1 mm across occu with chlorite) are calca	eds graded from quartzwacke ur densely in zones up to 10 preous. Slickensides noted	: []		<u> </u>	+	-
r .	on several bedding planes. Be	dding to core 80° @ 463' a	and 80° at 476'.		]	Ţ		

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Property Sulliva	District	Hole No. DDH 646	3				
Commenced	Location	Tests at	Hor. Comp.				
Completed	Core Size	Corr. Dip	Vert. Comp.				
Co-ordinates		True Brg.	Logged by			Dip	
Objective		% Recov.	Date	Claim	F Brg.	Collar	121
					l⊢ nalysis		<u> u</u>
Footage Det From To	scription				7	+-	Ŧ
477.5 - 483.0 145.5	Wacke, subwacke and argillite bedded, contacts sharp and fla bed surfaces.	, few quartzwacke beds, t to wavy (some flames)	medium to light grey, thin , slickensides or several	-	+	+	╈
483.0 - 540.0	Quartz arenite and quartzwa intervals generally less than	60 cm thick, light gre	y, fine grained, thick and				-
	medium bedded with short into and flat to wavy and numerous 60° @ 520', and 80° @ 528'.	ones have slickensides. B	adding to core 81° @ 495',		$\pm$		+
540.0 - 542.5	Wacke, subwacke and argillite, some beds internally laminated and flat, slickensides on Bedding to core 80 <sup>0</sup> @ 541.5'.	(dark grey), laminations	and bed contacts are sharp				╡
542.5 - 589.0	Quartz arenite, light grey, fi and distinct and generally fla up to 60 cm of thin wacke/subw	t on two of which slickens	, bed contacts are sharp ides were noted. Intervals				
589.0 - 596.0	Wacke, subwacke and argillite, generally flat, a few are wa wacke interval of 20 cm contai on two bed contacts. Bedding	vy or with flames, sever ns shredded argillaceous	al sandstone dikelets, one			_	+
596.0 - 652.0	Quartz arenite, light grey, few baye current laminations	fine some medium grain otherwise fairly homogeno	us, bed contacts sharp and	-			
	flat (few wavy). Intervals of wacke, subwacke/argillite,	medium grey, thin bedded	with sharp flat contacts. 11 fault) 10 cm wide paralle	,  -	_+-	+	-

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Property Sulliv	an District	Hole No. DDH 6463	3			
Commenced	Location	Tests at	Hor. Comp.	[		
Completed	Core Size	Corr. Dip	Vert. Comp.			
Co-ordinates		True Brg.	Logged by		Q	t
Objective		% Recov.	Date	Claim	Collar	
				10		ŭ
Footage De	scription			Analys		
	······					T
652.0 - 660.0						-+
		Location     Tests at     Hor. Comp.       Core Size     Corr. Dip     Vert. Comp.       True Brg.     Logged by       % Recov.     Date		<b>}</b>		-+
	to bedding.				-+-	-+
660.0 - 672.0	Quartz arenite and ovartz	wacke with interbeds of wac	ke/subwacke/argillite to 10	+		+
2010	cm, light grey, thick bedd	ed, bed contacts sharp, ap				-+
July 1	more than adjacent, eg. bedd	ing to core 60 <sup>0</sup> at 667'.				-+
672.0 - 682.0	Wacke, subwacke and argillit	e, minor quartzwacke, medium	to light grey, thin bedded,			
205.0		(a few are irregular), one	set of cross beds noted,		_+-	-+
*	Bedding to core 810 @ 680'.					_+
682.0 - 717.0					_	_
	intervals generally 30 cm of laminite Quartz vein (5 cm	r less of wacke/subwacke/ar ) 20 <sup>0</sup> to core at 687' and an	gillite thin beas and one other containing pyrrhotite			
	at 699'. Pyrrhotite veinlet	at 20° to core at 698'.	Pyrrhotite blob 4 by 2 cm			
	contains chalcopyrite with	peripheral pyrrhotite gr	ains at 713'. Bed contacts			
			198 BOID TOUGHOU DOUGLAG			
		-in	row this bedded, contacts			T
717.0 - 720.5 신망구	wacke, subwacke/argillite, sharp (most) to vague, and f	lat, slickensides parallel	to some of the bedding		-	1
481						T
720.5 - 740.5	Quartz arenite, light grey,	fine and medium grained.	thick bedded, bed contacts			-
,	sharp and flat to irregular	(flames), argillaceous tops	5 cm or less, slickensides		-+	-+
		parallel or at small angle .	to bedding at 529', Bedding		-+	-+
				.		-
740.5 - 746.0	Wacke, subwacke/argillite :	minor quartzwacke/quartz a sbarp and flat, minor shredd	renite, medium grey, thin ing of argillaceous lavers	, <u> </u> †		+
225.9	(Iew medium) bads, concects	andrp and frac, winer enread		اا		ŀ

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colous Piot	Drill Hole Reco	rd		Comince Page 9						ŀ
	Property Sullivan	District	Hole No. DDH 6463	3				{	1 .	Ì
	Commenced	Location	Tests at	Hor. Comp.		ł		1	1	ł
	Completed	Core Size	Corr. Dip	Vert. Comp.					1	ĺ
	Co-ordinates		True Brg.	Logged by			ö	1		
			% Recov.	Date	Claim I	Brg.	Collar Dip	Elev.	Length	ļ,
	Objective 70 Heccv. Date								<u> </u>	Holo No
	Footage Descri	ption			An	alysis		T	<b></b>	r
	From To					1	T	-	1	í
	740.5 - 746.0 over short intervals, very small fold in argillaceous material at 742', slickensides Cont'd, $7275$ noted on a few bedding surfaces. Bedding to core 81° @ 746'.							+	<u>†</u>	
	746.0 - 751.0 Quartz arenite, light grey, fine to medium grained, thick and medium bedded, homogen- 221.5 329.7 gous.									
	751.0 - 771.5 229.1 235.3	a second s							<u>↓</u> ↓	
	771.5 - 781.0 235.3 238.2	and the state of the state of the state of the body Slickorsides poted on							F	
	781.0 - 801.0 238.2 24413	2.4.7 bod contacts sharp, some flat (others broken), some with slickensides, fracture								
	801.0 ~ 805.0 244.3 245.5	4.3 245.5 wacke broken, medium grey, possible cleavage at 30° to core between 804' and 805'.						$\square$	<u> </u>	
	805.0 - 824.0 245.5 251.3	cit anti-and light to redium grou yery thick bedded, bed confacts are sharp						+-		
	824.0 - 839.0	the super subverse angilite, medium grey, medium with possible thick beds								
	ASA 255.4 (vague contacts etc.) and few thin beds, contacts sharp to diffuse making bed recognition difficult, comprises quartz, biotite, (garnet) segregations; slickensides noted on several bedding surfaces, some with thin gouge seams. Bedding to core							$\left\lfloor - \right\rfloor$	+	-
		75° @ 830' and 79° @ 838'.			· [	T		T	T	Ţ

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Pro	operty Sullivan	Dist	District		DDH 6463	<b>~~</b>						
Cor	ommenced		ation	Tests at		Hor. Comp.		{				
Cor	mpleted	Cor	e Size	Corr. Di		Vert. Comp.					<u>a</u>	
<u>Co</u> .	o-ordinates			True Brg		Logged by			e	Brg.	a D	
ОЪ	ojective			% Reco	/	Date			Claim	E E	Collar Dip	Elev.
Foot	Desc	iption				<u>, , , , , , , , , , , , , , , , , , , </u>			Analy	sis		
From	m To		······		<u></u>							
1	39.0 - 885.0	Quartzwacke, sev subwacke/argilli						ĺ				-
	255.9 269.9	distinct to vag	ue and flat to	wavy, most bec	ls homogeneous	with some disa	ggregated	ł				$\vdash$
		subwacke/argilli angle to a few b					d at low					┢
		-					<b>.</b>					F
1 1 1	85.0 - 902.8 2649 275.4	Wacke, medium gr to about 30 cm a										
	261) 2031	of synsedimentar fault breccia an										Γ
		bedding planes.				ou purairoi o						
ar	02.8 - 930.6	Wacke, medium	grev. uniforml	v laminated (	shades of gre	y with fine bi	otite and					L
	275.4 283.8	a trace of pyrrh	otite) almost e	ntirely through	nout interval	(there are mi	nor short					┞
	- 1 <del>-</del>	faint sections graded wacke bed	s), All lamin	ations are fla	st and paralle	1. Although	a bedding	4		-	-	┞
		parallel fissili to core 81º at 9				ensides noted.	Bedding				├	-
						(44.) = · · · ·	· · · · · · · · · · · · · · · · · · ·			┝─┤	$\left  - \right $	┞
	30.6 - 957.0 167.8 - 291.9	Wacke, subwacke/ grey, medium to	thin (few thi	ck) beds, cont	acts sharp an	d flat, short	( <b>&lt;</b> 10 cm)				<u>·</u>	╀
	283.8 291-9	internally lamin and a few thin g	ated beds inclu	ding darker gre	ay interturbidi	te laminite, s	lickenside	d		┝──┤		┝
								ļ		$\vdash$		┢
95	57.0 - 997.0	Quartzwacke and medium to light	quartz arenite	with tops and i medium grained	interbeds of wa 1. thick and	icke/subwacke/a medium bedde	rgillite, d with a	1				$^{+}$
	2011.9 30411	few thin bed.	Several of the	medium grey b	oeds contain co	barse (up to 4	mm) clots					┢
		of sericite. Co and thin gouge	oncretionary zon seams present	ations in quart on several bec	z arenite bed is. Bedding t	co core 76° @	960' and					t
		760 @ 995'.	-									t
			**** END O	F HOLE *****						1	1	T
	Drill Hole Rec	ord				Cominco	Page 1	.1		II 		
P	Property Sulliva	Dia Dia	strict	Hole N		<b>\$</b>	-	.1				
Pi Ci	Property Sullivan Commenced	a Dis Lo	cation	Hole N Tests a	t	Hor. Comp	)	.1				
PI Ci	Property Sulliva	a Dis Lo		Hole N	t ip	<b>\$</b>	). p.	1			Q	
	Property Sulliva Commenced Completed	a Dis Lo	cation	Hole N Tests a Corr. D	t Ip rg.	Hor. Comp Vert. Com	). p.	1	min	219.	llar Dip	
	Property Sulliva Commenced Completed Co-ordinates Objective	n Dis Lo Co	cation	Hoie N Tests a Corr. D True B	t Ip rg.	Hor. Comp Vert. Com Logged by	). p.	1	Claim	T Brg.	Collar Dip	
	Property Sulliva Commenced Completed Co-ordinates Objective	a Dis Lo	cation	Hoie N Tests a Corr. D True B	t Ip rg.	Hor. Comp Vert. Com Logged by	). p.	1	Paim Burger			
	Property Sulliva Commenced Completsd Co-ordinates Dbjective ootage Des	n Dis Lo Co	cation	Hoie N Tests a Corr. D True B	t Ip rg.	Hor. Comp Vert. Com Logged by	). p.	1				
	Property Sulliva Commenced Completed Co-ordinates Dijective cotage Des rom To	i Dis Lo Co cription	cation bre Size	Hole N Tests a Corr. D True B % Rec	t ip rg ov.	Hor. Comp Vert. Com Logged by Date	), p	,				
	Property Sullivan Commenced Completed Co-ordinates Dijective cotage rom To Des Runs Si	n Dis Lo Ca pription	cation ore Size s <u>Runs Shorts</u>	Hole N Tests a Corr. D True B % Rec Runs Shorts	t ip rg. ov. <u>Runs Shorts</u>	Hor. Comp Vert. Com Logged by Date Runs Shorts	5. p. / 	orts				
	Property Sulliva Commenced Completed Co-ordinates Dispective Contage C	n Dia Lo Co co sription norts <u>Runs Shorts</u> 5.0 121-125 2.0	cation ore Size s <u>Runs Shorts</u>	Hole N Tests a Corr. D True B % Rec Runs Shorts 121-417 3.0	t ip rg. sv. <u>Runs Shorts</u> 121-556 0.0	Hor. Comp Vert. Com Logged by Date Runs Shorts 121-747 0.0 -757 0.0	5. p.	orts				
	Property Sullivan Commenced Completed Co-ordinates Dijective cotage Des rom To Des Runs Si 10-17 1 -27 -30 2	n Dis Lo Co Sription Sorts Runs Shorts 5.0 121-125 2.0 .5 -130 0.0 .5 -137 1.0	<u>s Runs Shorts</u> 121-263 (+1) -273 0.0 -283 0.0	Hole N Tests a Corr. D True B % Rec 8 8 8 121-417 3.0 -421 3.0 -426 3.0	<u>Runs</u> <u>121-556</u> -566 -566 -577 1.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           Runs         Shorts           121-747         0.0           -757         0.0           -766         0.0	5. p. / <u>Runs Sh</u> 121-907 0 -917 0 -927 0	<u>orts</u> .0 .0				
	Property Sullival Commenced Completed Co-ordinates Dispective Contage	a Dia Lo Co Co cription borts <u>Runs Shorts</u> 5.0 121-125 2.0 .5 -130 0.0 .0 -137 1.0 .0 -147 5.0 .5 -151 0.5	<u>s Runs Shorts</u> 121-263 (+1) -273 0.0 -283 0.0 -293 0.0	Hole N Tests a Corr. D True B % Rec Runs Shorts 121-417 3.0 -421 3.0 -426 3.0 -432 2.0 -440 0.0	<u>Runs</u> <u>121-556</u> 121-556 121-556 121-556 0.0 -566 0.0 -577 1.0 -585 0.0 -490 1.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0	<u>Runs</u> <u>k</u> <u>121-907</u> <u>917</u> <u>927</u> <u>937</u> <u>947</u> <u>947</u>	orts .0 .0 .0 .0				┛
	Property Sulliva Commenced Completed Co-ordinates Dijective contage Des rom To Des Runs Si 10-17 1 -27 -30 -37 -41 -47	a Dia Lo Co Co Scription Solu	<u>s Runs Shorts</u> 121-263 (+1) -273 0.0 -283 0.0 -293 0.0 -303 1.0 -309 0/5	Hole N Tests a Corr. D True B % Rec Runs Shorts 121-417 3.0 -421 3.0 -426 3.0 -432 2.0 -432 2.0 -432 4.0	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -603         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -786           0.0           -792	<u>Runs</u> Sh <u>121-907</u> 0 -917 0 -927 0 -937 0 -937 0 -937 0	orts .0 .0 .0 .0 .0 .0				<b>┛</b>
	Property Sullival Commenced Completed Co-ordinates Dbjective Contage To To To Runs Si 10-17 -27 -30 27 -37 -41 -47 -51 255	<u>n Dis</u> Lo Co Co cription <u>Norts Runs Shorts</u> .0 121-125 2.0 .5 -130 0.0 .0 -137 1.0 .0 -147 5.0 .5 -151 0.5 .5 -157 1.0 .0 -167 0.5 .8 -175 0.0	s Runs Shorts 121-263 (+1) -273 0.0 -283 0.0 -293 0.0 -303 1.0 -309 0/5 -317 0.5 -327 0.5	Hole N Tests a Corr. D True B % Rec 20 20 426 3.0 -421 3.0 -426 3.0 -426 3.0 -422 2.0 -440 0.0 -447 4.0 -452 3.0 -457 1.5	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -613         0.0           -623         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -756           0.0           -766           0.0           -766           0.0           -786           0.0           -792           -801           0.0	<u>Runs</u> <u>k</u> <u>121-907</u> <u>917</u> <u>927</u> <u>937</u> <u>947</u> <u>947</u>	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property Sullival Commenced Completed Co-ordinates Dispective Contage	Display           Lo           Lo           Co           Co           Stription           Display           Shorts           Runs         Shorts           Shorts         Shorts           Sold         121-125         2.0           .5         -130         0.0           .0         -137         1.0           .0         -147         5.0           .5         -157         1.0           .0         -167         0.5           .8         -175         0.0           .5         -179         0.0	<u>s Runs Shorts</u> 121-263 (+1) -273 0.0 -283 0.0 -293 0.0 -309 0/5 -317 0.5 -327 0.5 -337 0.5	Hole N Tests a Corr. D True B % Rec 121-417 3.0 -421 3.0 -426 3.0 -426 3.0 -432 2.0 -440 0.0 -432 3.0 -432 3.0 -457 1.5 -459 0.5 -467 1.0	Runs         Shorts           121-556         0.0           -585         0.0           -603         0.0           -613         0.0           -623         0.0           -627         0.0           -627         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -776           0.0           -786           0.0           -792           -801           0.0           -803           -805           0.5	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property Sullivan Commenced Completed Co-ordinates Dijective Contage	n Dis Lo Lo Co Sription Sription Sorts Runs Shorts Co 121-125 2.0 .5 -130 0.0 .0 -137 1.0 .0 -147 5.0 .5 -157 1.0 .0 -147 5.0 .5 -157 1.0 .0 -167 0.5 .8 -175 0.0 .5 -179 0.0	s Runs Shorts 121-263 (+1) -273 0.0 -283 0.0 -293 0.0 -303 1.0 -309 0/5 -317 0.5 -327 0.5 -327 0.5 -337 0.5 -347 0.0	Hole N Tests a Corr. D True B % Rec 200 200 200 200 200 200 200 200 200 20	Runs         Shorts           121-556         0.0           -566         0.0           -585         0.0           -490         1.0           -603         0.0           -613         0.0           -627         0.0           -637         0.0           -637         0.0           -637         0.0           -647         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -756           0.0           -766           0.0           -776           0.0           -782           -801           0.0           -803           1.0           -805           -812           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property Sullival Commenced Completed Co-ordinates Dispective Contage Commenced Co-ordinates Dispective Contag	Display           Lo           Lo           Co           Co           cription           Shorts           Runs         Shorts           corts         Runs         Shorts           corts         Runs         Shorts           corts         Runs         Shorts           corts         -130         0.0           .0         -137         1.0           .0         -147         5.0           .5         -157         1.0           .0         -167         0.5           .8         -175         0.0           .6         -179         0.0           .0         -187         0.5           .5         -206         0.0	<u>s Runs Shorts</u> <u>121-263 (+1)</u> -273 0.0 -283 0.0 -293 0.0 -303 1.0 -309 0/5 -317 0.5 -327 0.5 -327 0.5 -327 0.5 -327 0.5 -337 0.5 -347 0.0 -364 0.0	Hole N Tests a Corr. D True B % Rec 200 421 3.0 -421 3.0 -421 3.0 -426 3.0 -426 3.0 -432 2.0 -440 0.0 -432 2.0 -440 0.0 -452 3.0 -452 3.0 -457 1.5 -459 0.5 -467 1.0 -477 0.0 -492 0.0	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -603         0.0           -613         0.0           -627         0.0           -637         0.0           -647         0.0           -657         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -786           0.0           -786           0.0           -801           -803           1.0           -803           -802           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property Sullival Commenced Completed Co-ordinates Dispective Contage Commenced Co-ordinates Dispective Contag	Dis           Lo           Co           Co           Constant           Shorts           Shorts           Constant           Shorts           Shorts           Constant           Shorts           Constant           Shorts           Shorts           Constant           Shorts           Constant	<u>s Runs Shorts</u> 121-263 (+1) -273 0.0 -283 0.0 -293 0.0 -303 1.0 -309 0/5 -317 0.5 -327 0.5 -327 0.5 -327 0.5 -337 0.5 -347 0.0 -364 0.0 -367 1.0	Hole N Tests a Corr. D True B % Rec 200 200 200 200 200 200 200 200 200 20	Runs         Shorts           121-556         0.0           -566         0.0           -585         0.0           -603         0.0           -613         0.0           -627         0.0           -647         0.0           -657         0.0           -657         0.0           -627         0.0           -627         0.0           -657         0.0           -657         0.0           -667         0.0           -675         0.5	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -776           0.0           -786           0.0           -786           0.0           -803           -803           -805           -812           0.0           -820           -833           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property         Sullival           Commenced         Completed           Condinates         Dispective           Dispective         Desige           Condinates         Desige           Conditionation         Condition           Conditionation         Condition           Conditionation         Condition           Conditionation         Condition           Conditionation         Condition           Conditionation         Condition           Conditionation	Display           Lo           Lo           Co           Co           Co           cription           Display           corts         Runs         Shorts           corts         Runs         Shorts           corts         Runs         Shorts           corts         -130         0.0           .5         -137         1.0           .0         -147         5.0           .5         -157         1.0           .0         -167         0.5           .5         -157         0.0           .6         -175         0.0           .6         -179         0.0           .0         -187         0.5           .5         -206         0.0           .0         -214         0.0           .0         -225         1.0           .0         -225         1.0           .0         -232         1.0	cation           orre Size           s         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -329         0.5           -337         0.5           -347         0.0           -364         0.0           -367         1.0           -387         0.0	Hole N Tests a Corr. D True B % Rec 200 421 3.0 -421 3.0 -421 3.0 -422 3.0 -426 3.0 -432 2.0 -440 0.0 -447 4.0 -452 3.0 -457 1.5 -459 0.5 -457 0.5 -459 0.5 -467 1.0 -477 0.0 -492 0.0 -497 0.5 -503 0.0	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -603         0.0           -613         0.0           -627         0.0           -637         0.0           -667         0.0           -667         0.0           -667         0.0           -667         0.0           -667         0.0           -667         0.0           -665         0.0           -694         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -786           0.0           -786           0.0           -803           -803           0.0           -805           -812           0.0           -825           0.0           -843           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property         Sullival           Commenced         Completed           Completed         Condinates           Objective         Design           Contage         Contage           Contage         Co	Dis           Lo           Co           Co           Construction           Cons	cation           ore Size           S         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -337         0.5           -347         0.0           -364         0.0           -367         1.0           -376         0.0           -389         1.0           -397         5.0	Hole N Tests a Corr. D True B % Rec 200 200 200 200 200 200 200 200 200 20	Runs         Shorts           121-556         0.0           -566         0.0           -585         0.0           -490         1.0           -633         0.0           -633         0.0           -637         0.0           -675         0.0           -677         0.0           -637         0.0           -637         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -667         0.0           -675         0.5           -685         0.0           -694         0.0           -701         0.5	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -766           0.0           -776           0.0           -786           0.0           -786           0.0           -780           -792           -801           -803           -805           -812           0.0           -825           -833           0.0           -833           -843           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property         Sullival           Commenced         Completed           Completed         Completed           Condinates         Destruction           Dispective         Destruction           Contage         Contage           Contage         Destruction           Contage         Contage           Contage         Contage           Contage         Contage           Contage         Contage           Contage         Contage <td< td=""><td>Dis           Lo           Lo           Co           Co           Corription           Distription           Construct           Shorts           Construct           Construct</td><td>cation           orre Size           S         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -337         0.5           -347         0.0           -364         0.0           -387         0.0           -389         1.0           -399         1.0</td><td>Hole N           Tests a           Corr. D           True B           % Rec           121-417 3.0           -426 3.0           -426 3.0           -426 3.0           -440 0.0           -447 4.0           -457 1.5           -459 0.5           -467 0.0           -477 0.0           -492 0.0           -503 0.0           -513 0.0           -520 0.0           -523 0.0</td><td>Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -613         0.0           -623         0.0           -647         0.0           -657         0.0           -667         0.0           -675         0.0           -677         0.0           -663         0.0           -701         0.0           -667         0.0           -675         0.5           -685         0.0           -694         0.0           -701         0.5           -707         1.0           -707         0.0</td><td>Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -756           0.0           -766           0.0           -776           0.0           -782           -799           2.0           -801           0.0           -805           -812           0.0           -820           -833           0.0           -833           0.0           -833           -843           0.0           -873           0.0</td><td><u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0</td><td>orts .0 .0 .0 .0 .0 .0 .0 .0</td><td></td><td></td><td></td><td></td></td<>	Dis           Lo           Lo           Co           Co           Corription           Distription           Construct           Shorts           Construct	cation           orre Size           S         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -337         0.5           -347         0.0           -364         0.0           -387         0.0           -389         1.0           -399         1.0	Hole N           Tests a           Corr. D           True B           % Rec           121-417 3.0           -426 3.0           -426 3.0           -426 3.0           -440 0.0           -447 4.0           -457 1.5           -459 0.5           -467 0.0           -477 0.0           -492 0.0           -503 0.0           -513 0.0           -520 0.0           -523 0.0	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -613         0.0           -623         0.0           -647         0.0           -657         0.0           -667         0.0           -675         0.0           -677         0.0           -663         0.0           -701         0.0           -667         0.0           -675         0.5           -685         0.0           -694         0.0           -701         0.5           -707         1.0           -707         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -756           0.0           -766           0.0           -776           0.0           -782           -799           2.0           -801           0.0           -805           -812           0.0           -820           -833           0.0           -833           0.0           -833           -843           0.0           -873           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property         Sullival           Commenced         Completed           Completed         Completed           Condinates         Description           Objective         Description           Condinates         Description           Subjective         Description           Condinates         Description           Subjective         Description           Condinates         Description           Subjective         Description           -27         -37           -37         -41           -47         -55           -57         Condition           -57         Condition           -70         Condition           -70         Condition           -77         -75           -77         -75           -70         -70           -70         -70           -70         -70	Dis           Lo           Co           Co           Constant           Shorts           Shorts           Constant           Shorts           Shorts           Constant           Shorts           Constant           Shorts           Shorts           Constant           Shorts           Shorts           Constant           Shorts           Shorts           Constant           Shorts           Sho	cation           ore Size           S         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -337         0.5           -347         0.0           -364         0.0           -367         1.0           -376         0.0           -389         1.0           -397         5.0	Hole N Tests a Corr. D True B % Rec 200 200 200 200 200 200 200 200 200 20	Runs         Shorts           121-556         0.0           -566         0.0           -585         0.0           -490         1.0           -633         0.0           -633         0.0           -637         0.0           -675         0.0           -677         0.0           -637         0.0           -637         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -657         0.0           -667         0.0           -675         0.5           -685         0.0           -694         0.0           -701         0.5	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -766           0.0           -776           0.0           -786           0.0           -780           -792           -801           -805           -812           0.0           -825           -833           0.0           -833           -843           0.0           -863           -863           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property         Sullival           Commenced         Completed           Completed         Completed           Condinates         Description           Objective         Description           Contage         Contage           Contage         Description           Contage         Contage           Contage         Contage           Contage         Contage           Contage         Contage           Contage         Contage	Dis           Lo           Lo           Ca	cation           orre Size           S         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -337         0.5           -347         0.0           -364         0.0           -387         0.0           -389         1.0           -399         1.0	Hole N           Tests a           Corr. D           True B           % Rec           121-417 3.0           -421 3.0           -426 3.0           -432 2.0           -440 0.0           -447 4.0           -457 1.5           -459 0.5           -467 1.0           -477 0.0           -487 0.0           -492 0.0           -513 0.0           -520 0.0           -532 0.0           -537 0.5	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -603         0.0           -613         0.0           -627         0.0           -637         0.0           -667         0.0           -667         0.0           -667         0.0           -675         0.5           -685         0.0           -694         0.0           -701         0.5           -707         1.0           -716         0.0           -726         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -786           0.0           -786           0.0           -801           0.0           -803           1.0           -805           0.0           -825           0.0           -825           0.0           -833           -853           0.0           -833           -863           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				
	Property         Sullival           Commenced         Completed           Completed         Completed           Condinates         Description           Objective         Description           Contage         Contage           Contage         Description           Contage         Contage           Contage         Contage           Contage         Contage           Contage         Contage           Contage         Contage	Dis           Lo           Lo           Ca	cation           orre Size           S         Runs         Shorts           121-263         (+1)           -273         0.0           -283         0.0           -293         0.0           -303         1.0           -309         0/5           -317         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -327         0.5           -337         0.5           -347         0.0           -364         0.0           -387         0.0           -389         1.0           -399         1.0	Hole N           Tests a           Corr. D           True B           % Rec           121-417 3.0           -421 3.0           -426 3.0           -432 2.0           -440 0.0           -447 4.0           -457 1.5           -459 0.5           -467 1.0           -477 0.0           -487 0.0           -492 0.0           -513 0.0           -520 0.0           -532 0.0           -537 0.5	Runs         Shorts           121-556         0.0           -566         0.0           -577         1.0           -585         0.0           -603         0.0           -613         0.0           -627         0.0           -637         0.0           -667         0.0           -667         0.0           -667         0.0           -675         0.5           -685         0.0           -694         0.0           -701         0.5           -707         1.0           -716         0.0           -726         0.0	Hor. Comp           Hor. Comp           Vert. Com           Logged by           Date           121-747           0.0           -757           0.0           -766           0.0           -786           0.0           -786           0.0           -801           0.0           -803           1.0           -805           0.0           -825           0.0           -825           0.0           -833           -853           0.0           -833           -863           0.0	<u>Runs</u> <u>Sh</u> <u>121-907 0</u> -917 0 -927 0 -937 0 -947 0 -957 0 -967 0	orts .0 .0 .0 .0 .0 .0 .0 .0				

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# APPENDIX B

# SULLIVAN MINE GROUP OF MINERAL CLAIMS

# NOVEMBER 27, 1986 Number of Units 680 Held by Assessment: 2(a) TWO POST CLAIMS 75 20 15 15 Donna, Etc. Group 11 17 36 91 268 549 1 REVERTED CROWN GRANTED MINERAL CLAIMS 9 11 11 11 3 3 B.C., Silver Bell, Tarrant Black Hills, Yankee Girl, Wasp Fr. 49 1 2(c) MINERAL CLAIMS (54) 56 84 17 12 18 36 110 56 406 17

1

1,685

Greenhorn Mineral Lease 3. GRAND TOTAL (1 + 2 + 3)

Crown-Granted M.C.

Luke Group

Rho Group

Med Group

Uke Group

Mar Group

**Bad Group** 

Late Group

Mat Group

Jackpot

Tip 4-12

Sun 2-12

Cue 2-12

Dip 1-8

Fa1 1-14

Golf 1-3

Fin 1-3

Gin 1-9

Mead 1-3

Mark 1-3

Clair 24-32

Quark 1&2

Blue Dragon

Hope 2-12

2(b)

1.

2.

PWR/1rm

### APPENDIX C

# STATEMENT OF EXPENDITURES

#### DDH 6463

# DIRECT COSTS

Contractor: Tonto Drilling (B.C.) Ltd. #200 - 3920 Norland Ave. Burnaby, B.C. V5G 4K7

# Item

#### Amount

Mobilization/Demobilization	\$ 500.00
Drilling 0-997	22,181.00
Moving	1,300.00
Field Cost Charges	225.00
Surveys	37.50
Other	910.00
Materials	449.79
	Direct Costs = $$25.603.29$

#### INDIRECT COSTS

Salaries: P.W. Ransom - Geologist - supervision, core logging, \$ 6,000.00 report writing 24 days @ \$250/day Other Contractors: Wright Contracting, Cranbrook, B.C. Site Access/Preparation - 2 km of road plus site 117 hrs. @ \$86.35/hr 10,103.63 D-6 bulldozer Henderson Heavy Hauling (1973) Ltd., Cranbrook, B.C. 355.00 Equipment hauling - Drill 427.00 Equipment hauling - Cat Transportation: 960.00 one 4X4 truck - 24 days @ \$40/day 152.00 Supplies: Mud - Gel 1,854.42 - Polymer (incl. transport) - Polymer through Tonto 1,285.68 397.50 Core boxes (incl. transport) 34.92 Cap 187.84 Freight waterline 21,757.99 Indirect costs = Total Direct + Indirect costs = \$47,361.28 anson

Signed: 1.00.

P.W. RANSOM Project Geologist

# APPENDIX D

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILL PROGRAMME

CARRIED OUT ON THE MAT 265 CLAIM GROUP

MATTHEW CREEK AREA

in the Fort Steele Mining Division of the Province of British Columbia

More Particularily N.T.S. 82F/9

AFFIDAVIT

I, P.W. Ransom, of the rural district of Wycliffe, in the Province of British Columbia, make Oath and say:

- 1. That I am employed as a Geologist by Cominco Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose:
- 2. That annexed hereto and marked as Appendix C to this my Affidavit is a true copy of expenditures incurred on a Diamond Drill programme, on the Mat 265 mineral claim group.
- 3. That the said expenditures were incurred between the 1st day of June, 1987 and the 1st day of August, 1987 for the purpose of mineral exploration on the above noted claim group.

P.W. RANSOM PROJECT GEOLOGIST

### APPENDIX E

# STATEMENT OF QUALIFICATIONS

As author of this report, I, Paul W. Ransom, certify that:

I am a geologist active in minerals exploration.

I am a graduate of McGill University with a degree of Bachelor of Science.

I have been continuously engaged in mining and exploration since 1966.

I am a member of the Geological Association of Canada.

I supervised Cominco Ltd.'s Sullivan Mine area exploration drilling program in 1987.

P.W. RANSOM, G.A.C.