# 82- 248-10311

## COMINCO LTD.

EXPLORATION

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WESTERN DISTRICT

DIAMOND DRILLING REPORT

CLAIR 2 CLAIM

Fort Steele Mining Division

St. Mary Lake Area

N.T.S. 82F/9

Lat: 49<sup>0</sup> 37' 38"

Long: 116<sup>0</sup> 15' 03"

OWNER

Cominco Ltd.

Kootenay Exploration 1051 Industrial Road No. 2 Cranbrook, B.C. V1C 4K7

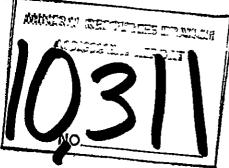
Work Performed during July and August 1981

Report by:

P. Klewchuk Geologist

Under the Supervision of:

D. Anderson Project Geologist



EXPLORATION

WESTERN DISTRICT

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Clair Claim Map	In pocket
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#### COMINCO LTD.

EXPLORATION

#### WESTERN DISTRICT

## DIAMOND DRILLING REPORT

## CLAIR 2 MINERAL CLAIM

## Fort Steele Mining Division

## 1.00 GENERAL STATEMENT

This report describes the results and expenditures relating to diamond drilling on the Clair No. 2 mineral claim.

Diamond drilling was performed from July 25, 1981 to August 6, 1981.

Total expenditures relating to the diamond drilling program amounted to \$56,459.24.

It is requested that \$55,800.00 be applied as follows:

Clair 5 ( 9 units) at \$200/uni	it - 6 years - \$ 10,800
Clair 14 (18 units) at \$100/uni	it - 1 year - 1,800
at \$200/uni	it - 9 years - 32,400
Clair 15 (10 units) at \$100/uni	it - 3 years - 3,000
Clair 16 ( 3 units) at \$100/ún	it - 3 years - 900
at \$200/un:	it - 3 years - 1,800
Clair 17 ( 4 units) at \$100/un:	it - 3 years - 1,200
•	· · · · ·
Clair 18 (10 units) at \$100/un:	it - 3 years - 3,000
Clair 19 ( 1 unit) at \$100/un:	it - 3 years - 300
Fraction at \$200/un:	it - 3 years - <u>600</u>
	\$ 55,800

It is requested that \$659.24 be credited to Cominco P.A.C. account.

## 2.00 INTRODUCTION

## 2.10 Status of Ownership

The Clair 2 mineral claim is 100% Cominco owned.

## 2.20 Location and Access

The Clair 2 mineral claim is located 2 km west of St. Mary Lake and approximately 35 km via good paved and gravel road west from Kimberley.

The drill hole collar is located at Latitude  $49^{\circ}$  37' 38" and Longitude 116° 15' 03".

## 2.30 General Character of the Area

The relief on the Clair 2 mineral claim is flat in the St. Mary River valley to moderately steep on the north side of the valley. Elevation ranges from 980m to 1280m. The valley bottom hosts farmland as well as stands of cedar and cottonwood, while the steeper rocky slopes support a light covering of mixed forest species including fir and larch.

#### 3.00 DIAMOND DRILLING

One NQ diamond drill hole totalling 394.0 meters was drilled to test a sulphide-bearing conglomerate and its host stratigraphy for potentially economic Pb-Zn mineralization and to obtain information on stratigraphy. Drilling activity commenced July 25, 1981 and terminated August 6, 1981.

D.D. Hole C81-1 intersected very minor amounts of pyrrhotite mineralization but no recognized Pb-Zn mineralization.

The drill program was under the direction of P. Klewchuk and supervised by D. Anderson.

A Sperry Sun Single Shot test of DDH C81-1 was taken at 227m Azimuth 019.5 Dip -76.1.

#### 4.00 CONCLUSIONS

D.D. Hole C81-1, drilled on the Clair 2 mineral claim in July and August, 1981, intersected an extensive conglomerate zone but no sulphides of economic significance.

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#### EXHIBIT "A"

- 3 -

### STATEMENT OF EXPENDITURES

#### DIAMOND DRILLING - CLAIR 2 CLAIM

### FORT STEELE MINING DIVISION

Diamond Drilling - Indirect

Salaries (Field)

Ρ.	Klewchuk	(Geologist)	13 days @ \$195/day	\$ 2,535.00
D.	Anderson	(Geologist)	2 days @ \$210/day	420.00

Salaries (Office)

P. Klewchuk (Geologist) Report and map preparation - 2 days @ \$195/day 390.00

Transportation

4x4 ½ Ton - 16 days @ \$25/day 400.00

Mobilization - Demobilization

Henderson Heavy Hauling (transporting bulldozer, drill) 1,048.75 Fiorentino Contracting Ltd. (move drill) 14 hrs @ \$83.75/hr. <u>1,172.50</u> \$5,966.25

Diamond Drilling - Direct

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Longyear Canada Inc., 721 Aldford Avenue Annacis Industrial Estate, New Westminister, B.C. V3M 5P5

D.D. Hole C81-1 - 394.0 meters @ \$128.15/m \$50,492.99

Total Expenditures - Indirect -\$ 5,966.25 Total Expenditures - Direct - 50,492.99

P. Klerchul P. KLEWCHUK, Geologist \$56,459.24

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IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILL PROGRAMME

CARRIED OUT ON THE CLAIR 2 MINERAL CLAIM

ST. MARY LAKE AREA

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

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

## AFFIDAVIT

I, P. Klewchuk, of the City of Kimberley, 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 Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a Diamond Drill programme, on the Clair 2 Mineral Claim.
- 3. That the said expenditures were incurred between the 25th day of July, 1981 and the 6th day of August, 1981, for the purpose of mineral exploration on the above noted claim.

Klenke P. KLEWCHUK Geologist

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## COMINCO LTD.

### EXPLORATION

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WESTERN DISTRICT

## AUTHOR'S QUALIFICATIONS

As author of this report I, Peter Klewchuk certify that:

I am employed by Cominco Ltd. as a geologist active in minerals exploration.

I am a graduate of the University of British Columbia with a degree of Bachelor of Science and a graduate of the University of Calgary with a degree of Master of Science.

I have been continuously engaged in geology and mineral exploration for 10 years.

I am a member of the Geological Association of Canada.

P. Klevchuk P. KLEWCHUK

Geologist

Report by: P. Klewchuk P. KLEWCHUK Geologist

Endorsed by: D. ANDERSON, P.Eng. Project Geologist

Approved for Release by: J.M. HAMILTON, P.Eng Chief Geologist

Sullivan Mine

cc: Mining Recorder, Cranbrook, B.C. (2 copies) Western District, Exploration Kootenay Exploration

Drill Hole Record	<i></i>		Page 1			Nen <sup>0</sup> e
Property CLAIR District Fort Steele	Hole No. C-81-1					6
Commenced July 26, 1981 Location WNW of St. Mary L					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Completed August 5, 1981 Core Size NQ	Corr. Dip _80 <sup>0</sup>	Vert, Comp.			1 🛱	T Bro. Coller
Co-ordinates Lat. 49 <sup>0</sup> 37' 38"	True Brg N90 <sup>0</sup> E	Logged by P	Kleychuk	:	Į į	ج از
Objective Long, 116 <sup>0</sup> 15' 03"	% Recov. >99%	Date Novembr	er 1981		Clatm	ā
	······································			Long	Anal	⊢ I¥∎is
Calify Meters Description			Sample Ne.	Liengun		Í
Lithologic abbreviations used in log: SW - Su	bwacke.					
	ucke.					
- QcW- Qc	artzitic Wacke.					1_
QVI – Qu	zartz Wacke					_
						1_
0 47.0 Overburden; casing.						
				1		
47.0 - 59.3m. QcW and minor W.						
Ned. 4 thin bedded (one thick bed from 51.	.5m. to 52.4m.). generally dark b	lue-gray color with	h		Ι	
lighter colored warke zones. One 3 mm. x					T	
48.8m. Siliceous biotitic altered concret	—			1		1_
Minor po is associated with the concretion						]_
composed of lenses of sediment, some of wh						
Bedding planes vary from being indistinct						T.
core axis (c.a.).				1		
	· · · · · · · · · · · · · · · · · · ·			1		
59.3 - 60.2 Pegmatite					1	
Coarse grained, predominantly quartz with	10-15% very rale meen miscovite	and 5-10% light		1		Т
blue feldspar (Carlsbad-twinned orthoclase		-			1	T
	B), Under and tower contacts are				<u> </u>	T
axis	····				t	┮
					<u> </u>	

Property	District	Hole No.					
Commenced	Location	Tesis at	Hor, Comp.				
Completed	Core Size	Corr. Dlp	Vert. Comp.			1	
Co-ordinates		True Brg.	Logged by	<u> </u>		1	
Objective		% Recov.	Date			Claim	r Brg.
						1 Anal	<u> </u>
Film Te	Description			Sample Ne.	Longth		7313
60.2m - 94.2m	C-V & W					T	
	Ned. & thin bedded with few thicker	beds Color is med dark blue-en	ev with bed tons more	1		1	
	gray colored. Med, grained very pu			1	" <b> </b> —		Γ
	argillaceous bed tops. Below about			1		1	
}	generally somewhat (variably) bleach			<u> </u>	1	<u> </u>	
				1		1	
	Five altered concretions are present			1	1		
	on across. These are typically si			1		†—	<u>+</u>
	of biotite, and often contain agree				+		$\vdash$
	and minor chlorite. Another silices			Ì	1	1	1
	Aggregates of fine grained pink gar			1	+	1—	1-
	po is not uncommon throughout the in	nterval. Bedding planes are gener	ally guite sharp and			+	†—
	are at $\sim 70^{\circ}$ to c.a.				+	╪──	t—
		· · · · · · · · · · · · · · · · · · ·			+	$\mathbf{t}$	┢
94.2 - 95.5	Foliated Zone; fault at 95.4m. Seds probably originally of about		alu ta otmaslu foliatoi		1	1	1
							Γ
	with abundant quartz veining. Quar			1			1
·	ones cross-cut, A few on, of fault				1		$\top$
<b></b>	<u>pyritic</u> . Inmediately above the goan					1	$\top$
<u> </u>	of brecciated sediment, yellow carb		grained pyrile.		-	$\mathbf{t}$	$\uparrow$
<u> </u>	Foliation is at 45° to 55° to core	exis.				+	+

Drill Hole R	ecord		Cominco	۰.		-	.
Property	District	Hole No.	• •				1
Commenced	Location	Tests at -	Hor. Comp.			-	ł
Completed	Core Size	Corr. Dip	Vert. Comp.			1	
Co-ordinates		True Brg.	Logged by	. <u>.</u>		<b>!</b> _	<u> </u>
Objective		% Recov.	Date			l	T Brg.
				Sample	Laneth	Ana	
G3027X m. Frem Te	Description			Ne.		F=	Ţ-
95.5 - 98.3	Dev or W			<u> </u>		<u> </u>	<b> </b>
55.0	Foliated, from moderately intense at	95,4 to weak at 98,3. Some con	positional lavering is	<u> </u>		<u> </u>	╄-
	evident but this is parallel to foli			<u> </u>			$\vdash$
	veining is present. Foliation occur				<u> </u>	↓	<u> </u>
				<u> </u>		<b>I</b> —	╞
98.3 - 107.6	OcW, minor W. OW					∔—	┢
	Predominantly med, bedded with minor	<u>thick and thin beds. Bedding p</u>	lanes are generally	<b></b>		┠╌	
	indistinct; minor alteration effects	s are evident, giving the core a	gross_subtle_mottled		+	┨──	
	character. From 102.3m. to 106.3m.	fractures are rusty stained; Fe.	oxidation and leaching			╂—	╧
	have nermeated the rock adjacent to	fractures; evidently a function.	of surface weathering.			┢	╈
	Near 103.4m. 10 cm. of core is motil	led with aggregates of fine grain	ed nink parnets - this is		+		╉╾
	probably an altered concretion but	<u>its houndaries are indistinct. I</u>	<u>rom 104.9m to 107.0m</u>				+-
	alteration is more intense with pale	gray-green bleaching of seds	locally restricted	╉━──	-	+	┼─
	to healed fractures. Bedding is tw	pically at 75-85° to c.a.	, ·			╁─	┢
			<u> </u>	+		+	+-
107.6 - 107.8	Minor fault					1-	┝╌
	Foliated zone with quartz veining.	2 cm. wide vein of fine grained p	write and minor black			┼─	┦╼
	chloritic, pyritic fault gouge. Min	nor_silvery-gray-black_specular_b	ematite occurs at 107.6m.	+		+	┼─
	Foliation occurs at 70° to c.a,					1-	+-
ļ						+	-
1				+			+

Drill Hole F	Record		Cominco Cominco	je 4					
Property	District	Hole No.	 Ног. Сотр.				1		
Commenced	Location	Tests at	Nor. Comp Vert. Comp.			1			
Completed	Core Size	Corr. Dip						8	
Co-ordinates		True Brg	Logged by			1 <sub>E</sub>	Bro.	Collar Dip	
Objective		% Recov.	Date			le le	Ē	3	
100033K m.	Description	······································		Sample No.	Length	Ana	iysis I	T	-
Frem To				+	<u> </u>	1	1-		
107.8 - 124.5	QcW, minor W					+	<u>                                     </u>		-
	Thin and med. bedded, bedding planes				+	+-		<u> </u>	
	part. Local dark blue-gray zones of			+	+	+			•
	alteration effects, in part silicific				+			╂──	-
	concretions occur from 110.Gn to 116.				+	+-	+		•
	typically siliceous with symmetrical				+	+-	+	┼──	-
	grained biotite, minor fine grained p	o and may contain aggregates of	fine grained pink		+-			┼─	-
	garnets. Bedding planes are at 75-80	0 to c.R.			+	+-	+	+	-
124 5 122 5	Massive QcH & W				<u>+</u>			t	
124.5 - 135.5	No distinct beds are present but a fa	bric is indicated by discontinu	yous laminations of no				.	<u> </u>	_
	(total est. 2-3%) which range from 50	to 70° to c.a. A few sedime	ntary laminations	<u> </u>					-
	reminiscent of bedding (start of more					1	1_	₋	~
	the top of this interval.	Telan Giordina					⊥.	<u> </u>	_
								∔	_
133.5 - 348.2	Conglomeratic QcW/W zone				<u> </u>		+		-
1	Generally similar to overlying zone b	ut with more po (est. 51) and	rare indistinct clasts.						-
						4—		+-	-
						+-	+	╉╸	-
	· · · · · · · · · · · · · · · · · · ·			+	-	-	1		-
				<u> </u>	-1			1-	-

10 H

		41-1- 11-					ļ		
Property	District	Hole No.	<u> </u>					1	l
Commenced ·	Location		Hor. Comp.	<u> </u>		-	[	1	Į
Completed	Cora Size	Corr. Dip	Vert. Comp.			+_	1.	<u>_</u>	ł
Co-ordinates		True Brg.	Logged by			┥╴		Collar Dip	I
Objective		% Recov.	Date	<u> </u>		Claim	Ë	la la	
02038. m.	Description			Semele	Length	14	lysis		-"
Frem Te				Ne.		<u></u>	<u> </u>	┢	╀
148.2 - 162.1	Conglomerate				<u> </u>	<u>  </u>	<u> </u>	<u> </u>	ļ
	Open framework conglomerate with an e	st. 25% clasts, locally up to 4	10%. Clasts are generally	z	<u> </u>	1	_	ـــــ	1
	very distinct, typically lenticular,	rounded, a few are sub angular.	Size ranges from about		1	∔	Ļ		4
	1 mm to > 4.5 cm (i.e. > core diameter	r) with average size about 5 mm	x 15 m. Clast	_		$\perp$	↓	<u> </u>	4
	composition is variable ranging from t	pale dull gray-green argillite	or SW to dark blue gray			<u> </u>	<u> </u>	_	4
	QcW. W and QcW composition clasts are	e most common. Nost clasts are	internally homogeneous		<b>-</b>	₋	<b>i</b>	╞	4
	or massive but a few are distinctly la	aminated (and clast axis is usu	ally parallel to the					–	1
	laminations). Matrix is of W-SW comp	osition. Below 157.7m alterati	on strongly masks the					_	4
	nature of the conglomerate - faint cla	asts (occasionally more distinc	t) are recognizable			┢	_	<b>_</b>	4
	through to 162.1m and it is apparent	that this zone is all conglomer	ate even though textures			┶	┦		1
	are very indistinct. Po occurs in min	nor quantities (est. 1-25). At	: 152.0m a 15 cm diam.			_	<u> </u>	┢	4
	bleached siliceous concretion is pres	ent with abundant biotite and a	n est. 3-4% po. There			$\perp$	<u> </u>	┶	4
	are a few narrow zones of about 10 cm	core length which do not conta	dn any clasts.					<u> </u>	1
						<u> </u>	┶	<u> </u>	1
162.1 - 162.7	Contact zone		<u></u>			<u> </u>	<b>_</b>	1	1
	Siliceous, chloritic, mottled texture	in part conglomerate with obv	dous clasts but strongly			╞	<u>+</u>	┢	4
	altered by gabbro. Brecciation in as	sociation with quartz veining o	ccurs over 15-20 cm			┶	<u>↓</u>	<u> </u>	4
	adjacent to gabbro contact at 162.7m.						<u> </u>		Ţ
			<u> </u>			┶	<u> </u>	<u> </u>	1
						1_	1_	$\perp$	
						1	Ι.		ļ

1			Pag	se 6		1	1	1
Drill Hole F	Record		Comineo					ł
Property	District	Hols No.	••				1	ĺ
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert, Comp.			1		_
Co-ordinates		True Brg.	Logged by			1	1.	Collar Dip
Objective		% Recov.	Date			Clein	T Brg.	
							<u> </u>	0
Fablade III. Frens Te	Description			Ne.	Langer		<b>—</b>	F
162.7 - 168.8	Gabbro		<u> </u>				<u> </u>	Ļ
	Upper contact is at 40° to c.a. Gen	erally fine-grained; med. grained	d development of amphibol	e			<b>[</b>	Ļ
	crystals near 163.5m. A number of n	arrow quartz veins are present, a	at various attitudes,					⊢
	typically with minor po &/or py. A	3 cm. wide med. grained feldspar-	-quartz vein at 40° to				ļ	Ļ
				<u> </u>	<u> </u>		<u> </u>	
				┦	<u> </u>	<u> </u>	<u> </u>	┢
168.8 - 170.4	Foliated contact zone			<u> </u>	_		┞	╂─
	Locally brecciated sediments and sli	icken sided fault gouge with narro	ow quartz veins occur at_	<u> </u>			<u> </u>	┡
				<u> </u>				┢
	contorted immediately below the faul	t. Minor po & py occur along fr	acture surfaces. Nost	- <u> </u>			┞──	┢
	intense foliation is at 30-45° to c.	£,			-		<b> </b>	┢
			· · · · · · · · · · · · · · · · · · ·		<u>+</u>	+	{	┢
<u>170.4 - 175.9</u>				+			<u> </u>	╀
					+	+		┢
				-				┢
······				<u> </u>	+			t
	Hight-med. grav wacke host. Light r	<u>purplish alteration and silicific</u>	ation is present from		+			╈
	175.20. to 175.90. at contact with s	mbbro, Laminations occur at 60	to c.a. Contact		- <u> </u>		<u> </u>	t
	Description       Sample to 10       Sample to 10       Sample to 10       Sample to 10       Analyze Maily 20         22.7 - 168.6       Gabbro		1-	╀				
	overlying seduments.				+		<u> </u>	+
				1	1		1	1

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Property	District -	Hole No.	· · · ·	, ••	• •	• :	
Commenced	Location	Tests at	Hor. Comp.			4	
Completed	Core Size	Corr. Dip	Vert, Comp.			ł	
Co-ordinates		True Brg	Logged by			┦	
Objective		% Recov.	Date			E	
					1 .	0 Ana:	
Tem Te Description				Sample Ne.	Longth		Í
							ł
175.9 - 202.8 Gabbro			a dike wether then a				T
	green, massive, Generally fine					-	t
	Grain size is medium and coars				1	1	t
(few 1	m. to 3 cm. wide) cut through t	he gabbro, typically at high a	ngles (60 <sup>-</sup> -90 <sup>-</sup> ) to the			<u> </u>	┫
	ris. The wider quartz veins co		<u>, 2 cm. diam_At_186m</u>		_	<del> </del> -	1
<u> </u>	an, wide vein of vellow calcite	occurs with minor quartz	<u> </u>				
202.8 - 204.3 Gabbro -	Sediment contact zone		·				-
Bleac	hed, generally light greenish-bl	ne-gray color, with local devi	eloment of coarse		_!	<u> </u>	-
	ed amphibole crystals. Appears					┣	-
	ut distinct contacts to the indi					<u> </u>	_
	ourtz veining compon.					<u> </u>	
						<u> </u>	
204.3 - 207.9 Altered s	ediments. May in part be conglo	meratic			_		_
	blue_gray_colored_locally_annea		Iteration along healed				_
	ures. No bedding distinguishabl					–	-
miter	is) occur at high angle (850-900	). to c.a Nav be similar to .	massive_zones_seen_above_				_
	ving conglomerate.						
						<u> </u>	
							_
							-

Drill Hole F	Record		Cominto	;e 8					
Propertý	District	Hole No.							
Commenced	Location	Tests at	Hor. Comp.			1	'	ĺ	
Completed	Core Size	Corr. Dlp	Vert. Comp.			1			
Co-ordinates		True Brg	Logged by			ł	1.	Collar Dip	
Objective		% Recov	Date			E E	T Brg.	Į.	
						Ö Anal	1	ð	-
Nion Neters	Description			Sample No.	Length		<u> </u>	E	•
Frem Te					1	<b>—</b> "			
207.9 - 212.5	Massive W-QcW zone Occasional darker blue-grav lenses and						Γ		
				-		[	Γ		
	blue-gray W & QcW. Less altered than					t	1	[	ĺ
	similar to interval from 124 lm. to 14			<u>m</u>	+	<u> </u>	<u> </u>	†-	
	May in part be conglomeratic: small va	<u>me clast-like forms are local</u>	v present	•	-	<u> </u>	$\top$	Γ	1
·					+	<u> </u>	1		
212.5 - 220.7	Conglomeratic OcW & W				+		1	t	
	About 5% fairly distinct to guite vagu			-		1	1	F	
	ranging from v 1 mm to 2 cm long, av	eraging 2-3 mm by 7-8 mm. Cl	st composition varies		+		1	$\vdash$	
ļ	from SW to QcW, Matrix is a med, blue	<u>-gray colored QcW or W which s</u>	hows effects of mild		+	+	+	+-	•
	alteration. A weak fabric composed of		& laminations occurs at		- <del>  ; -</del>	<u>+</u>	+	┢	-
	65° to 80° to c.a. throughout most of	the interval.				<del> </del>	+	F	-
			•			+	+	╈	
			·····			<del> </del>	+	+	•
					+	+	+	1	-
220.7 - 233.5	Conglomerate					<u>┼</u> ──	+	┢	
	Mainly matrix-supported (clasts isolat	ed by matrix) but locally clas	t-supported (clasts	_		+	+	╈	-
	in contact with each other) conglomera	te. Est. 30% clasts overall b	ut variable from 5% to 5	<u>x</u>		┼──	+	┢	•
	over core lengths of 30 cm. Clasts ra	<u>nge in size from ] πm. to &gt; 4.</u>	5 cm. Nost are elongate			+	+-	╋	•
	and rounded although a few are subangu					+	+-	1-	-
	in character to the conglomerate from	148.2m. to 162.1m. but clast c	oncentration is more			+		+	-
	variable here. Elongate or tabular cl	asts are strongly preferential	ly aligned parallel	<u> </u>	I	⊥	<u> </u>		-

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Property	District	Hole No.	• •				1	
Commenced	Location	Tesis at	Hor. Comp					l
Completed	Core Size	Corr. Dip	Vert. Comp.			7		
Co-ordinates		True Brg	Logged by			]		ł
Objective	······································	% Recov.	Date			Clai	T Brg.	
ONXX m. Description				Sample		ō Ana		lå
From Te	<u> </u>			Ne.	Lengu	_	Ĺ	I
220.7 - 233.5 to eac	h other at 75 <sup>0</sup> -80 <sup>0</sup> to c.a. Loc	zlly over a few on a group of cl	lasts may occur at lower				1	
		a few elongate clasts are more						
	per contact occurs in a zone of	broken core and its pature is a	mcertain. The lower			<u> </u>		l
	t appears fairly sharp.					-		4
233.5 - 236.1 W Massive.	"Conglomeratic"							ł
Fairly	homogeneous, medium to dark bl	ue-gray color. Occasional faint	: (some discontinuous)					ľ
comos	tional lavering. Very few smal	] (few mm diam, ) rounded clasts	s < 1%, Minor dissem.					Ι
po is i	present. Contact at 236.1m is	irregular - it occurs at approx.	65 <sup>0</sup> to_c.a.			_		ļ
236.1 - 239.3 Conglomerat					+	+		ł
Est. 2	-25% clasts. Generally clasts	are rounded, elongate; a few an	e subangular, Clast					Γ
composi	ition is typically W and QcW wi	th a few light gray SW. Clast s	size ranges from					I
ំ រាក d	am. to > 3 cm. Clasts are ali	gned along a preferred orientati	on at 75°-85° to c.a.					Ī
		and clasts. The contact at 293.						
				-		1		Ι
	few mm and appears parallel to	fabric of clasts.		_			_	

Broperty	District	Hole No.	<b>*</b> *					
Property Commenced	Location	Tests at	Hor, Comp.		•			
	Core Size	Carr. Dip	Hor. Comp. Vert. Comp.			1		
Completed			!	·		-		å
Co-ordinates	······	True Brg.	Logged by			┤╴		Ē
Objectiva		% Recov.	Date			Claim	80	Cottar
00000X m.	Description			Semple	Length		ysis	
Frem To				Ne.		$\square$	_	$\square$
239.3 - 243.7	W					<b></b>	<b>_</b>	ــــ
t	Massive to yaguely banded, locally lar	minated, "conglemeratic", Dark	gray, slightly bluish			<u> </u>		_
	color. Compositional layering is evid	dent but differences in litholo	<u>gies are slight. Al cm</u>			<u> </u>	ــــ	
	wide band of SW at 240.2m is evidence	of some change in conditions_d	huring deposition of				<u> </u>	<u> </u>
	this interval (appears to be a typical	1_bed_top_with_sharp_boundaries	<u>;)Wimor_in_situ</u>	_	$\perp$	<u> </u>	<b>_</b>	<u> </u>
	breccistion of narrow zones is evident	t. Fey distinct and indistinct	smill clasts are				$\bot$	
	scattered through the interval-est. 19		_					
243.7 - 246.6	Conglomeratic W				]	<u> </u>		
	Massive W matrix is uniformly medday	rk grav colored. Clasts compris	e 4-5% of the rock;			<u> </u>		
	these are generally small, few mu to :				]	Ţ		
	typically elongate and rounded. A fe				]			L
	W or QoW, a few are laminated W or Qo					L	$\bot$	
	at about 80° to c.s. Both upper and :				<u> </u>		<u> </u>	
	indistinct; lower one is gradational (			<u> </u>			L	]
	of conglomerate below.					<u> </u>	<u> </u>	1_
								L
	· · · · · · · · · · · · · · · · · · ·						<u> </u>	
[			<b></b>				<b>t</b> -	

Property	District	Hole No.	• •					
Commenced	Location	Tests at	Hor. Comp.			4		
Completed	Core Size	Corr. Dip	Vert. Comp.			1	]	
Co-ordinates		True Brg.	Logged by			4		B
Objective		% Recov.	Date			Claim	T Brg.	Collar
Description				Samale	Length			łō
Frem Te				No.			Į_	-
246.6 - 257.0 Conglomer	rate			<u> </u>		<u> </u>		_
		a few are subangular. Average cla	st size varies			<b>_</b>		╞
with	in the zone as described below.	Within the zones of larger clasts	the conglomerate			<u> </u>		┞
is c]	isst-supported but where clasts a	ure smaller the conglomerate is mat	trix-supported.			<u> </u>	<b>!</b>	↓_
Natri	ix is typically a med blue-gray	colored wackeClasts_range_in_co	olor and composition	<u> </u>			1—	╀
		W or QeW. At least 5 distinct lit				<u> </u>	<b> </b>	
ensil	iy recognizable and there may be	numerous lithologies present within	in the SN-QcN			<u> </u>	<u> </u>	╞
range	e. Nost clasts are internally qu	uite massive in character but a few	w are laminated.	<u> </u>		<b> </b>	<u> </u>	╀
		ferred orientation at about 85° to		<u> </u>	<u> </u>	╡	_	Ļ
		angles. Po is dissen, within the		<u> </u>		.	<u> </u>	<b> </b> _
						<u> </u>	<u> </u>	Ļ
246.6	6 - 250.1m Conglomerate. Est. 1	15% clasts of approx. 6 mm x 12 mm	average size.			<b>_</b>	<u> </u>	⊥
	Contact at 250.1m is						<u> </u>	$\bot$
250.1		lue-gray colored. Contact at 250.5	in is at 55 <sup>0</sup> to c.a.					
	with minor irregulari						ļ	1
250.5	j - 251.7m Conglomerate, 30% cl	lasts which are fairly large, avera	aging 13 x 2 cm.			1		1
		ion of clasts is 70° to c.a.						$\downarrow$
					]			1
·								
							T	1

Acala Colour Pist	Drill Hole R	ecord			Caminco	Page 12						
•	Property		*District	Hole No.						1		'
	Commenced		Location	Tests at	Hor. Comp.			1	1	1		
	Completed		Core Size	Corr. Dip	Vert. Comp.			4	1			
	Co-ordinates	<u> </u>		True Brg.	Logged by					ā		<u>م</u>
	Objective			% Recov.	Date			Claim	Ē	Collar Dip		-ugu
	COO25 m. Frem To	Description			· · · ·	Sample Ne,	Longth		ysis 			
	246.6 - 257.0	251.7 - 252.4m	Conglomerate. 15	-20% clasts. 251.7m is the point of rapid	change from		<u> </u>	<b> </b>	╞	<u> </u>		
			large, mmerous c.	lasts above to smaller, fewer clasts below.			<b>_</b>		∔	_	_	
			contact is irregul	lar and is formed largely by the bases of l	172P		<u> </u>	<u> </u>	<u> </u>		<b>↓</b>	
			clasts. Clast siz	ze averages 13 x 1 cm. Preferred orientati	on of			<u> </u>	_		╞	<u> </u>
			the clasts is at a	80 <sup>0</sup> to c.a.				_	┣			<b>-</b>
		252.4 - 252.8m	Altered zone: mas	ssive dark blue-gray colored QcW with clast	s faintly			<u> </u>	┢	–	_	<b> </b>
			evident.				<u> </u>	<u> </u>	╄	₋	_	
		252.8 - 256.0	Conglomerate. Est	t. ave. 40% clasts, up to 60% locally. Ave	rage clast			<u> </u>	–	_	_	
			size 13 x 23 cm.	Lowermost 70 cm of this interval has notal	oly fewer			. –	_		┡	
			large clasts and a	notably fewer total clasts.					┣		⊢	
		256.0 - 257.0m	Conglomerate. Gra	adational contact at 256.0m over 20 cm with	large clasts		<u> </u>	-		╉—		<u> </u>
	<u>.</u>		concentrated on or	ne side of core, small clasts on opposite s	ide.		<u> </u>	4—	<b>-</b> -	<b>↓</b>	_	
111			Conglomerate here	contains 20% clasts which are small-ave.	-3 ma x 8 ma.				<b>{</b>	–		
				equant in shape with no obvious preferred			∔ —	┨───	┼		┢	<u> </u>
Щ				commonly subangular in shape, notably less			+-		+	┨╌╼		-
$\mathbf{i}$				up. The lower contact is at 55° to c.a. w					┼─		⊢	
			clasts oriented pa	arallel to the contact in the first few on	adjacent		+-		╄	┶	┢──	+
111			to the contact.						∔—	┥	┼—	
								<u> </u>	╄	┼──	╂	<u> </u>
111							<u> </u>	–	╄──	┼—	–	<u> </u>
		<u> </u>			·				╂—	+	–	<u> </u>
			<u> </u>				<u> </u>	I	<u> </u>	J	<u>I</u>	

Property	District	Hole No.	• •					
Commenced	Location	Tests at	Hor. Comp.			-	1	
Completed	Core Size	Corr. Dip	Verl. Comp.			-	1	<u>م</u>
Co-ordinates	· · · · · · · · · · · · · · · · · · ·	True Brg.	Logged by	<u> </u>		┥ <sub>┍</sub>		ē
Objective		% Recov.	Date		. <u> </u>	Claim	T Bro	Coller Dip
DANCAK m. Descri	plion	······		Sample Ne.	Longth	10-0		
257.0 - 258.8 ¥. m								
	dassive. compositionally layered. an	d lamnated.				T		
							L	
	257.0 - 257.5m is quite massive wit	h some faint irregular laminatio	ns.					
	257.5 - 258.6m is compositionally 1				<u> </u>	<b>_</b>	L_	1_
	thick, with a discon	tinuous, lensey character.	-				<u> </u>	
	258.6 - 258.8m fairly uniformly lam	inated,						
							Ł.	<u> </u>
258.8 - 263.6 QcW	4 W minor Conglomerate					<u> </u>	<u>                                     </u>	<u> </u>
	ied, & thin bedded. Bedding planes :	are not particularly distinct, s	one show minor disruption	<u>,                                    </u>	<u> </u>	. <b> </b>		<u> </u>
	- may be compaction features. 40 cm	of core from 259.4 - 259.8 is o	onglomeratic with an			<u> </u>	<u> </u>	<u> </u>
	est. 10% rounded clasts ranging from	2 mm to 2.5 cm diam. A preferr	ed orientation is only	_	ļ	┢	<b> </b>	<u>  </u>
	evident in the lowermost few on when	e clasts are at 80° to c.a. this	conglomerate zon <u>e is</u>			<u> </u>	<b>.</b>	ļ
	generally similar to overlying congle	overate sections with regard to	po occurrence and clast	_		<u> </u>	<b> </b>	<u> </u> .
	composition. Alteration increases f		able gray-green			<u> </u>	<b> </b>	
	bleaching along healed fractures. B	edding occurs at 80° to c.a.		-			<u> </u>	╀
263.6 - 268.7 Alte	red sediments, minor conglomerate	•						
· · · · · · · · · · · · · · · · · · ·	Broken core with chloritic fracture :	surfaces; much of it is annealed	breccia with small			<u> </u>	<u> </u>	
	scale stockwork of narrow (< 5 mm with						1	1

Commenced       Location       Tests at       Hor. Comp.         Completed       Core Size       Corr. Dip       Vert. Comp.         Co-ordinates       True Big       Logged by       E         Objective       % Recov.       Date       E         Completion       Sample       Langed by       E         Control of the interval of altered seds. sit isolated within a quartz vein. Most prominent       Image: Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Most prominent       Image: Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Most prominent       Image: Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Most prominent       Image: Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Most prominent       Image: Analysis         266.7       fractures occur at low angles (10-15 <sup>0</sup> ) to c.a., but fractures at 30 <sup>0</sup> and 40 <sup>0</sup> to c.a. are       Image: Analysis         268.7       - 272.7       Coegiomerate       Image: Analysis       Image: Analysis         268.7       - 272.7       Coegiomerate       Image: Analysis       Image: Analysis         268.7       - 272.7 </th <th>Property</th> <th>District</th> <th>Hole No.</th> <th><b>▼ ▼</b></th> <th></th> <th></th> <th></th> <th></th> <th></th>	Property	District	Hole No.	<b>▼ ▼</b>					
Constraint       True Brg       Legged by         Co-ordinates       Y. Recov.       Date       E         ChangX m.       Description       Sample       Length       Analysis         Control       fram       Te       Ne.       Length       Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Kost prominent       Image: Sample Length       Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Kost prominent       Image: Sample Length       Image: Sample Length       Analysis         263.6       - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Kost prominent       Image: Sample Length       Image: Sample Lengt       Image: Sample Lengt       Imag	Commenced	Location	Tests at	Hor. Comp.				1	
Constraint         Description         Sample Na.         Langth         Analyzis           263.6         - 268.7         angular fragments of altered seds. sit isolated within a quartz vein. Most prominent	Completed	Core Size	Corr. Dip	Vert. Comp.			-		
Constraint         Description         Sample Na.         Langth         Analyzis           263.6         - 268.7         angular fragments of altered seds. sit isolated within a quartz vein. Most prominent	Co-ordinates		True Brg	Logged by			-	1.	ā
Constraint         Description         Sample Na.         Langth         Analyzis           263.6         - 268.7         angular fragments of altered seds. sit isolated within a quartz vein. Most prominent	Objective		% Recov.	Date			18	8	Colter Dip
Image: Min.       Ne.       Ne.         263.6 - 268.7       angular fragments of altered seds. sit isolated within a quartz vein. Most prominent					Samala	Leneth			0
cont'd.       fractures occur at low angles (10-15°) to c.a., but fractures at 30° and 40° to c.a. are         also present.       Lowermost few on of this interval contain a few recognizable clasts but         extent of conglomerate is uncertain due to alteration.		escription						Ť_	Ţ
cont'd.       fractures occur at low angles (10-15°) to c.a., but fractures at 30° and 40° to c.a. are         also present.       Lowermost few on of this interval contain a few recognizable clasts but         extent of conglomerate is uncertain due to alteration.	263.6 - 268.7	angular fragments of altered seds. sit isolated	within a quartz vein.	Most prominent					
also present. Lowermost few om of this interval contain a few recognizable clasts but							1	1	
extent of conglomerate is uncertain due to alteration.					_			<u> </u>	<u> </u>
268.7 - 272.7       Conglomerate         268.7 - 272.7       Conglomerate         Est. 15% clasts but variable with un to 25% clasts locally. Matrix is med, gray colored									
Est. 15% clasts but variable with un to 25% clasts locally. Matrix is med. gray colored							1	<u> </u>	_
Est. 15% clasts but variable with un to 25% clasts locally. Matrix is med. gray colored	268.7 - 272.7	onglomerate				<u> </u>	<u> </u>	<u> </u>	
compositions predominating. Clasts typically are rounded and elongate with the long axis			slocally. Matrix is	med. gray colored			_	┣	+
approx. 90° to c.a. Clast size varies from few mm to 4 cm long, average size is about		wacke. Clast lithologies vary from light gray S	W to dark blue-gray Qo	W, with W-QcW	<u> </u>			_	╀╺
5 mm x 12 mm. Alteration is strong in the uppermost 0.8m. In the lowermost 50 cm or so		compositions predominating. Clasts typically are	rounded and elongate	with the long axis			+		-
of the interval, clasts are notably more concentrated but alteration masks the texture to		approx. 90° to c.a. Clast size varies from few r	mm to 4 cm long, avera	ge size is about				<b>}</b>	┽╾╸
some degree. Bleaching and chloritization are evident with clasts typically more bleached							<u> </u>		┢
than matrix.				asks the texture to			-	┢	╞
272.7 - 275.3 Altered, but ched sediments (conglomeratic character not evident)         Brecciation occurs in association with quartz-feldspar veins particularly near the gabbro         contact. Seds. are variably green & gray colored with a banded character evident, bands								ł	┢
Brecciation occurs in association with quartz-feldspar veins particularly near the gabbro           contact. Seds. are variably green & gray colored with a banded character evident, bands					_				
Brecciation occurs in association with quartz-feldspar veins particularly near the gabbro           contact. Seds. are variably green & gray colored with a banded character evident, bands		some degree. Bleaching and chloritization are e			_	+	1	-	┢
contact. Seds. are variably green & gray colored with a banded character evident, bands		some degree. Bleaching and chloritization are e							╁╌
	272.7 - 275.3	some degree. Bleaching and chloritization are e than matrix.	vident with clasts typ						
(hedg) at 55 <sup>0</sup> to c.a. Amphibole k/or chlorate development is common in banded altered seds.	272.7 - 275.3	some degree. Bleaching and chloritization are e than matrix. Iltered, but ched sediments (conglomeratic character Brecciation occurs in association with quartz-fe	not evident)	bically more bleached					
(Dells) at our distribute when emotion entropy and a second s	272.7 - 275.3	some degree. Bleaching and chloritization are e than matrix. Iltered, but ched sediments (conglomeratic character Brecciation occurs in association with quartz-fe contact. Seds, are variably green & gray colore	not evident) ldspar veins particula d with a banded charac	arly near the gabbro cter evident, bands					
	272.7 - 275.3	some degree. Bleaching and chloritization are e than matrix. Iltered, but ched sediments (conglomeratic character Brecciation occurs in association with quartz-fe contact. Seds, are variably green & gray colore	not evident) ldspar veins particula d with a banded charac	arly near the gabbro cter evident, bands					

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Property	District	Hole No.						{
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert. Comp.					
Co-ordinates	· · · · · · · · · · · · · · · · · · ·	True Brg.	Logged by			_	1.	ā
Objective		% Recov.	Dale			Clehm	ы. Во	Collar Dip
	escription			Sample	Լթոցն	Anal		<u> ð</u>
275.3 - 297.9 G							+	╈
215.3 - 297.9 G	Typically fine grained with numerous							┢
	feldspar veins (locally with coarse-g					+	<del> </del> —	+
	Locally quite biotitic, may be indicated						†	┢
·	locally as narrow irregular veinlets.	· · · · · · · · · · · · · · · · · · ·					<u>† –</u>	+-
	fine grained nature and generally var	······					-	T
	indicate this is a dike. The rabbro						1-	T
								T
297.9 - 300.9 0	onglomerate and conglomeratic, W. OcW							
	Generally quite strongly altered; 35%	of the interval appears quite	massive with more small					
	clasts and, where numerous clasts are	present, their boundaries are	difficult to distinguish.			<u> </u>		
	because of alteration. Nost clasts a	re fairly large (est. 🗄 x 2 cm.	average). Clast		<u> </u>	ļ	<u> </u>	┢
	composition is similar to matrix - al	1 W & QcW. Within the lowermos	t 60 cm are angular	_		<u> </u>	<u> </u>	_
	elongate clasts with a preferred orie	ntation of about 70° to c.a		-	·		┣	┢
300.9 - 302.6 W	, SW bed tops				+			F
	Thin and very thin to laminated sedim	ents, few medium thick beds. L	ocally conglomerate -				┞	╞
	clasts comprise 5-10% of a 20 cm thic	k zone at 301.8m. Moderate alt	eration is evident.					╞
	Core angle is 75 <sup>0</sup> .							╞

Drill Hole F	lecord		Cominco Pag	je 16					
Property	District	Hole No.	• •						
Commenced	Location	Tests at	Hor. Comp.				1		
Completed	Core Size	Corr. Dip	Vert. Comp.						
Co-ordinates		True Brg.	Logged by					읍	!
Objective		% Recov.	Date			E	Ê	Collar Dip	Elev.
08088 m. From Te	Description	<u>_</u>		Sample No.	Length	10	ly-sia	<u>18</u> T	<u>)</u> 7
302.6 - 306.7	Ocif		· · · · ·				<u>†</u>	1	t
	Thick bedded, some internal irregula	ar banding is evident. A siliceou	s biotite-rich 8 cm			$\square$	<u>†</u>	1-	F
	length of core at 303.6m is probably			1	1	1	1	1	Г
	present with bleaching along healed		· · · · · · · · · · · · · · · · · · ·				1	1	T
i							<u> </u>	<u>†                                    </u>	t
306.7 - 308.6	QcW and W							Τ	
	Thin and med. bedded. Moderately a	ltered. Lowermost few cm. are fol:	iated.			]			
308.6 - 309.1	Fault zone								
_	Strongly foliated, locally annealled	d breccia with quartz veining. Ch	loritic fracture			<u> </u>			
	surfaces with slickensides and minor								
									L
309.1 - 313.8	Conglomerate								
	Uppermost 40-50 cm is greenish color	red from fault alteration. Rounded	i eliptical clasts,			<u> </u>	<u> </u>	↓	Ļ
	a few are sub rounded or sub angular	r, a few are of irregular shape. (	Clasts form 25-30%			<u> </u>	<u> </u>	<b>.</b>	ļ.
	of the rock except for lowermost lm	of the interval which is more mas	sive W-QcW matrix	_		$\vdash$			ļ_
	with < 5% clasts.			∔		_			╞
			·····		<u> </u>	∔_—	ł	<b>↓</b>	
			<u> </u>	<u> </u>		∔—	╄	┼──	┢
		···· ···		1					╀
	l=					4			╞
				1	I	<u> </u>	1	1	L

Property	District	Hole No.	· · ·				
Commenced	Location	Tests at	Hor. Comp.			4	ļ
Completed	Core Size	Corr. Dip	Vert, Comp.		. – –	4	1
Co-ordinates		True Brg	Logged by			4	1.
Objective		% Recov.	Dale			E	Bro
·					<u> </u>	Anasi	
1023023Km. Des Frem To	cription			Sample No.	Length		<b>7</b> .
309.1 - 313.8	Clast size ranges from few mm. to > 4	.5 cm across, averaging about 1	. cm x 2 cm, Clast				
cont'd.	composition varies from light gray co		· · · · · · · · · · · · · · · · · · ·				T.
	orientation at $\sim 80^{\circ}$ to c.a. is evide						Γ
	clasts. This conglomerate interval h						Г
	conclomerate intervals. Most clasts.						
	A few clasts contain disseminated po				}		
	matrix. Py occurs locally along narr						Γ
		<u> </u>					Τ.
313 8 - 316 5 Oct	f & W. minor conglomerate						
	Thin 4 med, bedded, Locally small so	ale disruption is evident by su	all offsets across				
	bedding planes (few mm displacement),				1		Τ
	Alteration has silicified the seduren	ts but they appear to originall	v have been QcW				
	& W with SW bed tops. Chlorite and m	uscovite are developed in light	gray-green SW				
	bed tops. One rounded fine-grained s	iliceous clast (5 mm x 1.5 cm)	occurs at				1_
	315.lm.						
							1_
				1		1	1

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Drill Hole Record			Bominco Page	e 18			
Property	District	Hole No.					
Commenced	Location	Tests at	Hor, Comp.			-	
Completed	Core Size	Corr. Dip	Vert. Comp.		· ·	4	1
Co-ordinates		True Brg.	Logged by			-	1_
Objective		% Recov.	Date			Ē	Brg.
	<u>,                                     </u>			Sample	Length	Anali	
From To Description				No			Í.
316.5 - 320.7 Conglomera	te and breccia				<u> </u>		
		erent character than overlying o	conglomerate zones;	<u> </u>		ļ	1_
		ingular with irregular shapes, a		<u> </u>		<u> </u>	
		varies from light gray colored		1			
		ional layering which occurs loca			ļ	<b> </b>	
planes	. Within this zone clasts are	generally more rounded higher u	up in the sequence but			<u> </u>	1
	ounded and angular clasts do o		·····	<b>_</b>	4		<u> </u>
			<u></u>			<u> </u>	┦
320.7 - 333.7 W, minor C					<u> </u>		
		narrow (.5-2 cm thick) SW bed_1				<b></b>	∔—
		. Narrow conglomerate zones val		╡		<u> </u>	
		orted Bedding planes are comm					┼──
		zones the fabric is at steeper		·			–−
		he interval is quite strongly a		+	<u>  </u>		+-
bleach	ing and silicification caused	by the adjacent gabbro dike. So	ome bedding				<u>∔</u> – ·
is ev:	dent in this zone with occur 10	nal clasts.					+
<u> </u>							+
				·			┉

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Property -	District	Hole No			۰.		
Commenced	Location	Tests at	Hor. Comp.				
Completed	Core Size	· Corr. Dip	<ul> <li>Vert. Comp.</li> </ul>			_	ł
Co-ordinates		True Brg	Logged by			_	
Objective		% Recov.	Date			Claim	BG.
					- 1		lysis
From To Description		•		Sample Ne.	Length	7154	1315
333.7 - 338.7 Gabbro	•••••••• <u>–</u>						
	rained with a somewhat mottle	d character and common quartz	and quartz-feldspar veins.		$\top$		T
	po is present locally. Evide						Γ
			• • • • • • • • • • • • • • • •				1
338.7 - 342.1 Altered se	diments						<u> </u>
		nealled breccia; alteration m	asks texture considerably.				
		ut with angular elongate clas					
		e. Po occurs locally as irre					
<b>v v v v</b>							
342.1 - 347.0 W							
	edded few medium beds. Uppe	r 1.2m has rather vague beddi	ng planes and is altered,				
		his, beds are quite distinct					
	ps. Beds are at 80°-85° to c						
	<u>, , , , , , , , , , , , , , , , , , , </u>						
347.0 - 356.1 QcW & W						1	
	and med, bedded with a few th	in beds, Locally conglomerat	ic. Bedding planes are				
		ly by alteration which is mod					<u> </u>
		y as fine disseminations. Se					
		wite. Conglomerate with alte					
		stly small varying from few m					
		ses clasts can be distinguish					

Property	District	Hole No.	•••			t	İ	
Commenced	Location	Tests At	Hor. Comp			4		
Completed	Core Size	Corr. Dlp	Vert. Comp.					
Co-ordinates		True Brg.	Logged by			4	1_	Collar Dip
Objective		% Recov.	Date			Call	l Brg.	
					<u>t</u>		<u>i⊨</u> Ivais	Jõ
From Te	ption			Sample Ne.	Length		Ĺ	T
	of core. Bedding is at 75°-80° to c.	<u> </u>		-	Ţ			
347.0 - 330,1								T_
356.1 - 360.2 W and								T
550.1 - 565.2    214	Thin and med. bedded. Typically mic	aceous, pyrrhotitic. Most beds	have distinct very fine					Τ_
	grained subwacke or argillite bed to							L
	Medium grained light greenish mica (	muscovite?) is preferentially of	eveloped in the bed tops					1
	Alteration, bleaching and silicifica	tion becomes more intense town	ds the base of the					Τ_
	interval, with bedding planes largel	y obliterated in the last 1 met	er. Bedding is at 75-80	<b>o</b> .				Τ_
	to c.a.	•						
360.2 - 370.3 Zone	of strongly altered sediments							T
	Fairly intense bleaching and silicit	ication is present. Few bedding	g planes can be				<u> </u>	
	recognized; some thin, very thin bed	is are evident but most of the :	nterval is probably				<u> </u>	
	med., possibly even thick bedded. I	o occurs as fine disseminations	s and as small blebs					1_
	of a few mm. diam. Annealled brecci	in is evident from 361m. to 363	a; numerous bealed				1_	1
	fractures are bleached. Narrow veir	as with light yellow carbonate	predominantly dolomite				<u> </u>	┶
	with minor calcite) occur from 360.4	in to 363.7m. Some fracture st	rfaces are chloritic;				<u> </u>	Ŀ
· · · · · · · · · · · · · · · · · · ·	a few with slickensides.						<u> </u>	1
<u> </u>					<u> </u>	1	<u> </u>	$\bot$
370.3 - 376.8 W, Q								1

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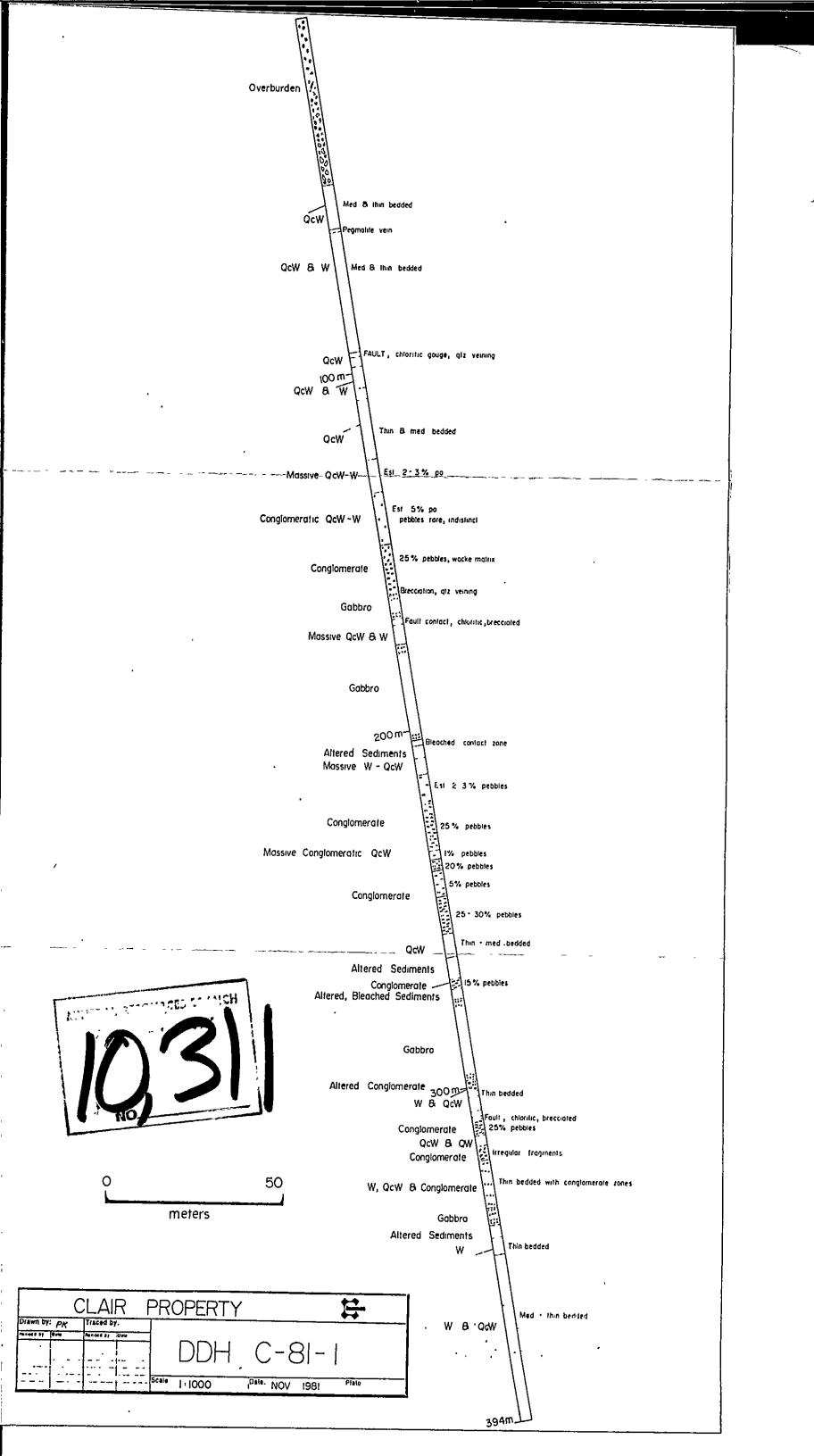
Drill Hole Reco	ra	and the second second	Cominco	ge 21			<i>.</i>	
Property	District	Hole No.	• •					
Commenced	Location	Tesis at	Hor. Comp.	-	•			
Completed	Core Size	Corr. Dip	Vert. Comp.			]		
Co-ordinates		True Brg.	Logged by					읍
Objective		% Recov.	Date	-		E E	T Brg.	Sellar
								8
CODOX m. Descri	ption			Sample Ne.	Longih	Analysi	ysis T	T
	contain med coarse grained light	may men mice (likely mycani	ta) Dircominated				†	┢
	to occurs throughout the interval.		• —			<u> </u>	1	$\vdash$
	Individual fragments are generally i						†—	1
	of the interval. Matrix is more sil				1	<u> </u>	1-	$\vdash$
	surfaces at 30°-45° to c.a. with bla				+		1	$\vdash$
· · · ·	very dark chloritic). A 2-3 cm wide	-			-		1	<u> </u>
····	asses of chlorite. Core angle is 8							
							<u> </u>	
378.8 - 381.7 QcW							1-	
	hick bedded. Only one bedding plan	e is recognizable within the un	it. at 381m. Beds					
	nternally are quite massive, dark b							
	uscovite is developed preferentially							
	of argillaceous material near 380.5m						<u> </u>	$\square$
	s evident from 381m to 381.7m.						<u> </u>	Γ
381.7 - 394.0 W&C	cif				1			Í.
	st. 60% thin-very thin bedded, 40% r	ned. bedded. Thicker beds are	generally more siliceous.	_	}			
· · · · · ·	one of the very thin beds have asso		····· •=				1	
	ontinuous sedimentation. Minor com							
	re present.							
					1	<u> </u>		1

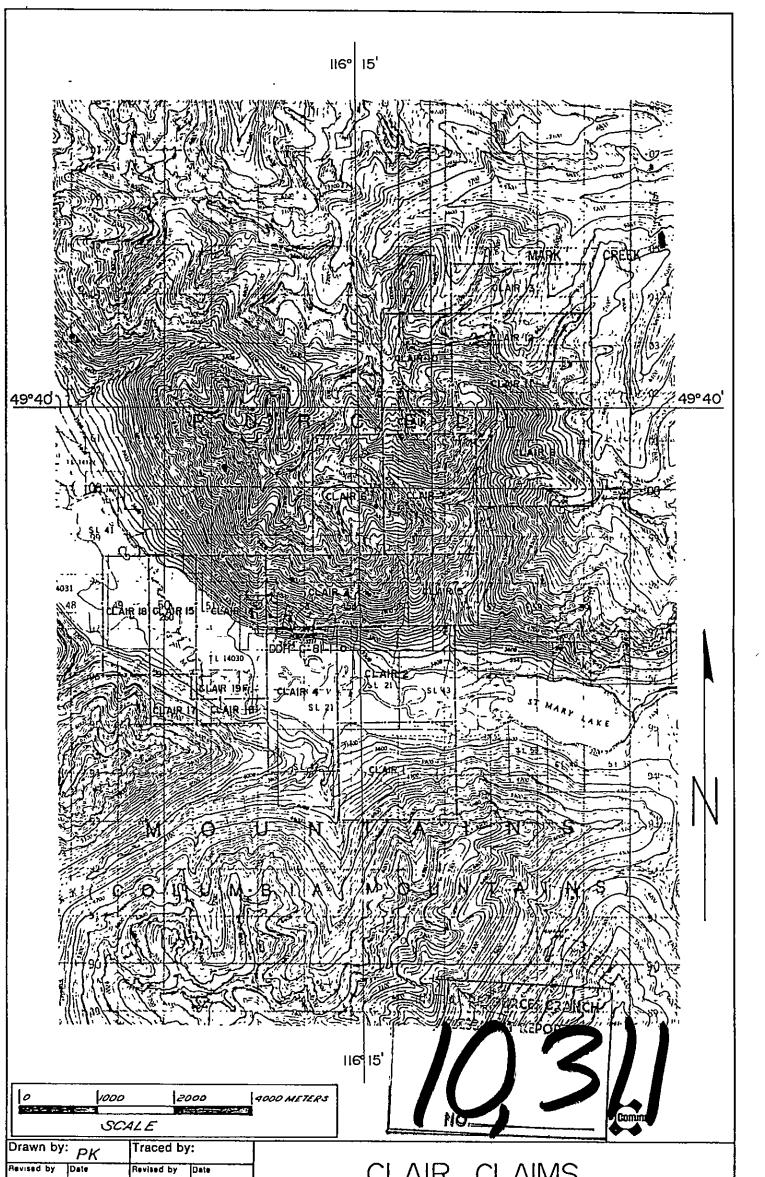
Property	- District	Hole No.	<b>•</b> •					]
Commenced	Location	Tests at	Hor. Comp.	_		-		
Completed	Core Size	Corr. Dip	Vert. Comp.			1		
Co-ordinates		True Brg.	Logged by			1.		ā
Objective		% Recov.	Date			Clela	BG.	Collar Dip
WWW Heters	Description			Samale	Leogth		l <u>⊢</u> lysis	0
From To				Nø.		$\square$	<b>F</b>	<u> </u>
381.7 - 394.0	Minor po. usually as fine disseminations < 1 mm			<u> </u>	<u> </u>	_	_	_
	occurs throughout the interval, most prevalentl			ļ		<u> </u>	<u> </u>	
	as rare narrow irregular veinlets. The W zones		of the grains			_		<b>↓</b>
	locally within more argillaceous bands. Beddin	g is typically at 80° to c.a.					╂╾	
394.0m.	End of Hole						╞	
	Sperry Sun Single Shot Surveys					-	-	
	2 attempts at 390m. were unsuccessful.				1			L
	227m. Azimuth 019.5° Dip -76.1°	- 						
	Collar Attitude Azimuth 090° Dip -80°				<u> </u>		┼—	_
	Core to be stored at Kooter Cranbrook, B.C.	nay Exploration,	Cominco				<u> </u>	
				ļ	<u> </u>	<u> </u>	F	<u> </u>
}					<b>+</b>		+	<b>∤</b> -

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| Revised by Date | Revised by Date | CLAIR CLAIMS                            |        |          |
|-----------------|-----------------|-----------------------------------------|--------|----------|
|                 |                 | LOCATION MAP                            | NTS 82 | F/9      |
|                 |                 | Scale: Approx. 1: 8000 Date: MARCH 1982 | Plate: | <u> </u> |
|                 |                 |                                         |        | 210-0610 |

