Scale

Colour Plot & Dips

Drill Hole Record

Cominco

Property	J.C. Property	District	Watson Lake M.D.	Hole No.	JC 81-5		
Commenced	19 July 1981	Location	Yukon Territory	Tests at		Hor. Comp.	
Completed	22 July 1981	Core Size	BQ	Corr. Dip	Vertical	Vert. Comp.	
Co-ordinates	(approx.) 19+50E 109+50N			True Brg.		Logged by	G.D.L.
Objective	Test 2 magnetomitic anomabis near west boundry of JC group			% Recov.		Date	22 July 1981

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.
JC 80		VERT.	4606'	471'	

Footage From	To	Description	Sample No.	Length	Analysis
0.0	20.0	CASING			
20.0	216.0	QUARTZITE			
		Greenich-gray f. gr. quartzite; dissem. py throughout, generally as cubes less than 1mm; large irregular spots (aug 2-5mm) of chlorite/po; po is quite magnetic; some chlorite spots and small veinlets also contain py; also numerous subangular grains of white feldspar(?) resembling phenocrysts are usually discernible; chlorite also occurs as fine veinlets and stringers with or without po/py; unit as a whole is weakly to moderately magnetic; quite massive-bedding is not discernible; occasional mauve-coloured (argillaceous) patches;			
		89-91' Broken core			
		94-96' Broken core			
		115.5-116.0 25% po w/ lesser py; as small blebs and cubes (py) aug. 2mm; very magnetic.			
		134.5-152.5' Largely dark mauve coloured QTZITE w/ spots, patches and irregular stringers of greenish-gray QTZITE; still shows cloudy white, subangular phenocryst-like feldspar(?); still has po/py but in lesser amounts; far fewer spots and veinlets of chlorite; somewhat less magnetic on the whole than gray-green QTZITE.			

211-9437

Scale

Colour Plot & Dips

Drill Hole Record

COMINCO

Property	District	Hole No. JC 81-5	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim: JC 80
T Brg.:
Collar Dip: VERT.
Elev.: 4606'
Length: 477'
Hol. No.
Sheet

Footage From	Footage To	Description	Sample No.	Length	Analysis Cu	WO3	Sn	Ag	Au
		170.0-200.0' Black tourmaline/qtz. veins or joint filling veins at high angle to core (approx.	97640	170.0 175.0	<0.01	<0.01	<0.01	0.01	<0.003
		70^{0}-90^{0} variable); aug. width 2-4 mm; either tourmaline or tourmaline w/ tourmaline/qtz.	97641	175.0 180.0	<0.01	<0.01	<0.01	<0.01	<0.003
		towards contact of vein w/ QTZITE; about 10 major veins over this interval.	97642	180.0 185.0	<0.01	<0.01	<0.01	<0.01	<0.003
			97643	185.0 190.0	<0.01	<0.01	<0.01	<0.01	<0.003
			97644	190.0 195.0	<0.01	<0.01	0.03	<0.01	<0.003
			97645	195.0 200.0	<0.01	<0.01	0.01	<0.01	<0.003
		192.0-201' Broken core.	97646	200.0 205.0	<0.01	<0.01	0.02	<0.01	<0.003
			97647	205.0 210.0	<0.01	<0.01	0.02	<0.01	<0.003
		; below 200' tourmaline veins are uncommon but there is a good deal of rusting jointing and	97648	210.0 216.0	<0.01	<0.01	0.01	<0.01	<0.003
		shattering at various angles; jointing averages about 75^{0}							
216.0	234.0	QTZ MONZONITE(?)	97649	216.0 222.0	<0.01	<0.01	0.02	<0.01	<0.003
		Bluish gray, f. gr. biotitic granite; aug. grain size 1mm; biotite as black specks and	97650	222.0 228.0	<0.01	<0.01	0.01	<0.01	<0.003
		laths of 1-2mm; upper section has small pegmatitic veins of qtz./ feld up to 1cm thich (aug	97651	228.0 234.0	<0.01	<0.01	0.01	<0.01	<0.003
		grain size 3-4mm); upper contact is very sharp @34^{0}; occasional rounded qtz. eyes of 3-4mm.							

211-0437

Drill Hole Record

Cominco

Scale

Colour Plot & Dips

Property		District		Hole No.	JC 81-5
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates				True Brg.	
Objective				% Recov.	

Hor. Comp.	
Vert. Comp.	
Logged by	
Date	

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
JC 80		VERT.	4606'	477'		

Footage From	Footage To	Description	Sample No.	Length	Cu	WO3	Sn	Ag	Au
234.0	294.0	QUARTZITE							
		cf. 20.0-216.0							
		267.0-285.0 Mauve-coloured QTZITE; cf. 134.5-152.5	97689	274.0 279.0	0.01	<0.01	0.02	0.01	<0.003
		274.0-275.5 Thin black, sl. magnetic po-bearing stringers.	97690	279.0 284.0	<0.01	<0.01	[illegible]	<0.01	<0.003
		280.5 5mm calcite, po, cpy, vein @ -70^{0}	97691	284.0 289.0	<0.01	<0.01	0.02	0.01	<0.003
			97692	289.0 294.0	0.01	<0.01	0.02	0.01	<0.003
		285.0-286.0 Intrusive (?); small sill of coarse gr. greenish-yellow porphyritic looking rock; yellowish feldspar in phenocrysts of 3-4mm; groundmass is greenish; specks of brown-black biotite (1-2mm); has irregular, apparently intrusice contacts w/QTZITE							
		286.0-294.0 cf. 276.0-285.0							
294.0	299.5	DIOPSIDE SKARN	97652	294.0 299.5	0.05	<0.01	0.04	0.07	<0.003
		Green, fine grain; largely light green diopside; very minor pale flesh-pink garnets as grains of a few mm; minor calcite throughout as thin stringers and small spots; last 1' of section is interbedded w/ white calc-silicate.							

Drill Hole Record

Cominco

Property	District	Hole No. JC 81-5	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim: JC 80
T Brg.:
Collar Dip: VERT
Elev.: 4606'
Length: 477'

Scale
Colour Plot & Dips
0

Footage From	Footage To	Description	Sample No.	Length	Cu	WO3	Sn	Ag	Au
		296.0-298.0 Pyrrhotite-rich; up to 25% po as bands and separate blebs; bands seem to parallel original bedding; near top of section massive po is intergrown w/ small, black prismatic bundles of tourmaline (crystals 1-2 cm long).							
299.5	336.5	CALC-SILICATE	97653	299.5-305.0	<0.01	<0.01	<0.01	0.02	<0.003
		White to pale pink or green banded calc-silicate; bands generally parallel but fairly ir-	97654	305.0-310.0	<0.01	<0.01	0.01	0.01	<0.003
		regular, aug. width about 1cm; whole unit is effervescent in 10% HCI; thin (2-5cm) bands of	97655	310.0-315.0	<0.01	<0.01	0.01	0.02	<0.003
		sparry calcite; occasional po as small veinlets or spots; a few small sections have coarse (5mm)	97656	315.0-320.0	<0.01	<0.01	0.01	0.02	[illegible]
		pale red garnet grains; occasional very minor chlorite.	97657	320.0-325.0	<0.01	<0.01	0.03	0.01	<0.003
			97658	325.0-330.0	<0.01	<0.01	0.03	0.03	<0.003
			97659	330.0-336.5	<0.01	<0.01	0.03	0.03	<0.003
336.5	377.0	DIOPSIDE SKARN	97660	336.5-342.0	<0.01	<0.01	0.04	0.02	<0.003
		Very similar to 294.0-299.5 but paler green (more siliceous (?)) parts of section have	97661	342.0-347.0	<0.01	<0.01	0.05	0.01	<0.003
		interbeds of garnet; ferous CALC-SILICATE; rounded garnets (aug. 4-5mm) become darker coloured	97662	347.0-352.0	<0.01	<0.01	0.03	0.01	<0.003
		and more plentiful toward bottom of section garnets occur as large separate grains or clusters	97663	352.0-357.0	<0.01	<0.01	0.02	0.01	<0.003
		of grains; most of unit effervesces in 10% HCI;	97664	357.0-362.0	<0.01	<0.01	0.03	0.02	<0.003
		Core angle @ 365' approx. 24^{0}	97665	362.0-367.0	<0.01	<0.01	0.02	0.02	<0.003
			97666	367.0-372.0	<0.01	<0.01	0.02	0.02	<0.003
			97667	372.0-377.0	<0.01	<0.01	0.03	0.02	<0.003

211-0437

Drill Hole Record

Scale

Colour Plot & Dips

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Cominco

Property	District	Hole No. JC 81-5	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length
JC 80		VERT	4606'	477'

Footage From	Footage To	Description	Sample No.	Length	Analysis Cu	WO3	Sn	Ag	Au
		339.0-340.5 3cm wide sparry white calcite vein at high angle to core.							
		355.0-358.0 Small section of amuve QTZITE; cf. 134.5-152.5							
		359.5-362.0 Closely interbedded greenish skarn and white CALC-SILICATE; contains what appear							
		to be elongate fragments (aug. 5mm-20mm long) of CALC-SILICATE in a weblike matrix of greenish							
		material; large (5-10mm) pale red, rounded garnets throughout							
377.0	441.5	CALC-SILICATE	97668	377.0 382.0	<0.01	<0.01	0.02	0.03	<0.003
		Very similar to 299.5-336.5 but banding is vague and irregular; very little sulphide; may	97669	382.0 387.0	<0.01	<0.01	0.02	0.03	<0.003
		contain small bands or pods of white sparry calcite (MARBLE remnants(?)); may contain small	97670	387.0 392.0	<0.01	<0.01	0.02	0.02	<0.003
		sections of SIOPSIDE SKARN; some sections are white w/ pale buff coloured bands.	97671	392.0 397.0	<0.01	<0.01	0.01	0.02	<0.003
			97672	397.0 402.0	<0.01	<0.01	0.02	0.02	<0.003
		Core angle @ 395' 22^{0}	97673	402.0 407.0	<0.01	<0.01	0.02	0.01	<0.003
			97674	407.0 412.0	<0.01	<0.01	0.03	0.01	<0.003
		413.0-414.0 Calcite vein; cf. 339.0-340.5	97675	412.0 417.0	<0.01	<0.01	0.01	0.01	<0.003
		421.5-423.5 Several sections (1-5cm) of melted, patchy 'xenolithic' mauve qtzite.	97676	417.0 422.0	<0.01	<0.01	0.02	0.02	<0.003
			97677	422.0 427.0	<0.01	<0.01	0.02	0.02	<0.003
		Core angle @ 434' approx.27^{0}	97678	427.0 432.0	<0.01	<0.01	0.02	0.01	<0.003
			97679	432.0 437.0	<0.01	<0.01	0.01	0.01	<0.003
			97680	437.0 441.5	<0.01	<0.01	0.02	0.01	<0.003

211-8437

Drill Hole Record

Scale

Colour Plot & Dips

Cominco

Property	District	Hole No. JC 81-5	
Commenced	Location	Tests at	Hor. Comp.
Completed	Core Size	Corr. Dip	Vert. Comp.
Co-ordinates		True Brg.	Logged by
Objective		% Recov.	Date

Claim	T Brg.	Collar Dip	Elev.	Length
JC 80		VERT.	4606'	477'

Footage From	Footage To	Description	Sample No.	Length	Analysis Cu	WO3	Sn	Ag	Au
441.5	459.0	GARNET - DIOPSIDE SKARN	97682	441.5 447.0	<0.01	<0.01	0.01	<0.01	<0.003
		Pale green; f. gr. diopside w/ soarser gr. (1-2cm) pale pink garnets; spots of wh. calcite	97683	447.0 453.0	<0.01	<0.01	0.01	<0.01	<0.003
		throughout; fairly massive; some sections show very vague compositional banding; most of unit	97684	453.0 459.0	<0.01	<0.01	0.01	<0.01	<0.003
		is effervescent in 10% HCI; lower 2' of sedtion is interbedded w/ irreg. beds of mauve-coloured							
		QTZITE.							
459.0	466.5	QUARTZITE	97685	459.0 466.5	<0.01	<0.01	0.02	0.01	<0.003
		Irregular intervands of mauve QTZITE w/ greenish CALC-SILICATE and a few bands of sparry							
		white calcite; bands are aug. 1-2cm; a rew small bands of garnet ferous marble.							
466.5	472.0	CALC-SILICATE	97686	466.5 472.0	<0.01	<0.01	0.03	0.01	<0.003
		White to pale green or pink; f. gr. ; similar to 299.5-336.5; no discernible sulphides.							
472.0	477.0	QUARTZITE	97688	472.0 477.0	<0.01	<0.01	0.01	<0.01	<0.003
		cf. 459.0-466.5							
		477' E.O.H.							