LOCATION: CH-0 187E	Diamond Drill Record		HOLE NO. 84 - 05 Page 1 of 7
AZIMUTH: Vertical (none)	DIPS - collar 90 °	CONTRACTOR: Phil's Diamond Drilling	PROPERTY: Canadian Ferrites (Dawson)
ELEVATION:	- 125' m °	LOGGED BY: P. Grunenberg	CLAIM NO.
LENGTH: 242'	- 242' m °	DATE: December 11, 1984	SECTION NO.
CORE SIZE: NQ	- m °		STARTED: December 11, 1984
PURPOSE: Tie in with hole 84-04 for geological trends.			COMPLETED: December 12, 1984

Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
0'	58'	Overburden						
		52' to 58' cored						
		contains ~ 50% qtz pebbles						
		and 50% sandy, green colored,						
		eroded chlorite schist mud.						
		Recovery 58' - 62' = 92%						
58'	58'8"	medium to light green-grey			Rusty colored limonitic zones			
		chlorite (60%), qtz 25%,			along fractures			
		Sericite 15% schist			sus alignment parallel to schistosity			
		-wavy qtz bands, but average			in 10mm stringers, as well as			
		schistosity to CA = 55°			very fine disseminate, total to < 1%			
58'8"	59'4"	quartz, minor carbonate				5 to 70	parallel	to schistosity, 1-70mm vein with
		vein zone with contacts parallel			fine granular Su^{s} (py) in folded			about 15 5mm parallel bands in schistosity
		to schistosity, total veining			short stringers to 15cm in length			-folded, and pinched out common.
		to 80% of core length,			Total of section <1%, but			
		plastically deformed,			locally up to 5%			
59'4"	71'10"	Chlorite (60%) quartz (20 to 40%)						
		sericite (10%) schist			Folding - Axial plane ~ 60° to C.A.			
		Qtz band folded along schistosity			sulfides (py) stringers adjacent to			
		Average schistosity to C.A. = 45°			qtz bands, and poddy disseminate			
					Locally to 5%, <1% through section			

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Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
	Recovery	62' to 72' = 97%						
		72' to 82' = 100%						
		82' to 92' = 97%						
71'10"	78'6"	same general rock type (chl,			< 0.5% sus overall, pyrite			
		qtz, seric., schist) with higher			pockets, and some stringers			
		% (to 50%) of plastically folded			aligned adjacent to qtz bands			
		qtz bands. schistosity, where						
		it exists, is ~ 45° to C.A.						
78'6"	83'5"	chlorite (60%) quartz (20 to 30%)			sulfides undetected by			
		sericite schist. Qtz makes a			viewing outer surface of core, but			
		mottled texture over core, with			broken ends contain 5 to 10% finely			
		little quartz banding, and no			disseminated py, apparently aligned			
		detectable schistosity			within the more siliceous areas of core			
83'5"	85'9"	Core highly fragmented here,			some rusty zones, no			
		darker green in color,			preferred orientation,			
		higher chlorite % (to 70%)			boxworks indiciate zones of			
		striations along fracture			suflide of up to 30%, but			
		boundary indicates some shearing			overall sulfide content looks			
		in a plain about 5° off C.A.			to be <2%			
85'9"	127'5"	Qtz-chlorite minor sericite						
		schist. Warpy qtz bands						
		(Folded) constitute up to 60% of						

(cont)

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Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
85'9"	127'5"	Con't core in places. Foliation			-rusty zones along some fractures			
		seems fairly consistent, but			- finely grained sulfides (Py)			
		folding becomes quite plastically			oriented mostly along schistosity			
		twisted in places			boundaries beside qtz rich			
		average schistosity to C.A. - 35	to 40°		sections, some blebs			
		Few places richer in chlorite, ie			Total 2 to 3%, but			
		thicker chloritic bands			some lengths of 1 ft may contain			
	Recovery	92' - 132' = 100%			up to 10% sulfides			
		132' - 142' = 97%						
127'5"	128'1"	-Core broken up in this section			limonitic fracture surface			
		-rusty brown coloring along all			with 10 to 20% boxworks,			
		surfaces, chlorite (50%) qtz			sulfides to 5% through section			
		(50%) little sericite schist.						
	Recovery	142' - 152' = 97%						
128'1"	137'	light grey - green colored			some limonite on fracture sur-			
		chlorite (40%), qtz 40%			-faces, fg. py along schistosity			
		sericite (20%) schist			plains as well as disseminated,			
		schistosity somewhat uneven			total to ≤5%			
		du to folding, but average						
		angle to C.A. =50°						
	Recovery	142' to 152' - 97%						
		152' to 162' = 100%						
		162' to 172' = 100%						

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Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
137'	154'6"	slightly darker green than			up to 10% pyrites, average			
		previous section due to higher			over section about 3%, oriented			
		chlorite (60%) and possibly very			mostly within schistosity, but			
		thin graphitc bands			some blebs within qtz			
		Qtz constituent very warpy						
		plastic folding leads to irregular						
		schistosity						
154'6"	156'5"	Graphitic rich zone (to 50%)			slightly limonitic brown-			
		within chl schist, qtz down			orange in places			
		to ~10% in this section			appears to be less sulfides,			
					down to 2% in this zone			
156'5"	168'9"	chlorite, quartz, minor						
		sericite schist with a low			low percentage Py ($\leq$5) over-			
		percentage graphite bands			all, but may be up to			
		Qtz bands plastically folded,			20% locally, banded cubes			
		Average schistosity to CA = 45°			(poorly formed) along schistosity			
	Recovery 172' - 182' = 99%				- one small bleb of blueish-green			
					soft, mica - (mariposite)			
168'9"	177'5"	light green-grey chlorite-			diss., f.g pyrite throughout,			
		qtz- sericite schist with no			with few blebs of pyrite,			
		graphitic bands, Swirly qtz			total to 2 to 3% throughout			
		bands plastically deformed.						
		No schistosity orientation.						

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Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
177'5"	178'5"	Qtz rich zone (vein) with			pyrite rich zone along	200	20°	Qtz - C.C.
		some chl schist inclusions			margin of Qtz - c.c. vein			
		uneven, folded contact, but			(to 35% locally), no apparent			
		Average to core axis = 30°			mineralization within vein			
178'5"	182'8"	Qtz - chlorite (minor sericite)			f.g. diss, Py throughout,			
		schist, pervasive silicification			some alignment of grain			
		to almost 50% of rock, light			within schistosity, average			
		colored = low chlorite concentration			concentration of 5 to 10%,			
		schistosity to CA = 40° to 45°			some blebs at bottom end of			
					core section			
		Recovery 182' to 192' = 53%						
		192' to 202' = 46%						
		202' to 212' = 43%						
182'8"	186'1"	Crumbly core, broken to various						
		sized fragments (¼" to 3" diam)						
		light grey colored, powdery			finely disseminated pyrite			
		coating on surfaces, semi-soapy			to 3 or 4% throughout			
		feel (talc F sericite to 35%)						
		chlorite, Qtz (- 10%) schist						
		- nearing contact to thick graph-						
		itic unit, contact to C.A.						
		unknow due to fragmented						
		nature of core						

Comparison
Hole 84-04
151' - 158'

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Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
186'1"	213'11"	Crumbly to powdery core,			Sheared zones			
		(ave. <50% recovery) black			202' to 204'			
		with mottled sections of			204'6" to 206'			
		white - Graphite schist			211' to approx 212'			
		containint remnant rounded			- py disseminated throughout			
		blebs of quartz, approximately			section of core, no apparent			
		3 zones where rock			order; to 2%			
		has been ground to black						
		powder (note under alt'n, etc.)						
	Recovery	212' - 222 = 57%						
		222' - 232 = 83%						
		232' - 242' = 85%						
213'11"	214'5"	medium grey, F.G. matrix			no apparent related			
		with broken white phenos (F-spar	25%)		mineralization			
		and broken mafics (pyroxene 3%)						
		low siliceousness - dyke rock			- no contact orientation possible			
		(Andesite)						
214'5"	221'11"	Qtz (50%) Graphite (20 to 30%)			Uneven distribution of sulfides			
		chlorite (20 to 30%) schist,			from < 1%, to 5% inplaces,			
		warpy, segmented, somewhat			average about 1%, some			
		lenticular quartz sections			alignment of grains along			
		from 2mm to as much as 10mm			schistosity, to about 3mm			
		thickness. Uneven			length.			
		schistosity, cleaves						
		along from 40° to 70° to C.A.						

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84 - 04
relate to
170'8" to 172'

Section from	Section to	ROCK DESCRIPTION	Interval from	Interval to	ALTERATION, MINERALIZATION etc.	VEINLETS Thickness mm	VEINLETS Angle to core	VEINLETS minerals in decreasing abundance
221'11"	222'11"	same as 213'11" to 214'5"			no related mineralization			
		f.g. andesite, chill margin						
		at lower contact about 2mm						
		wide light grey in color						
		chill margin to C.A. = 70°						
222'11"	242'	To end of hole						
		Qtz (40%), Graphite (25 to 35%)			f.g. diss, sulfides throughout			
		chlorite (25 to 35%), warpy			some alignment along schistosity			
		plastically folded quartz sections			to lengths up to 10mm, to 5%			
		from 2mm to as much as 90mm			total in places, overall average			
		in width (2 segments), very			1 to 2%			
		slight and gradual change						
		from higher chlorite % to						
		higher graphite %						
		- 2 sections (around 232', and						
		234') quite broken up and						
		slightly richer in graphite						
		Warpy schistoisty, average						
		to core axis angle = 40 to 50%						