APPENDIX III
DRILL LOGS
A SUMMARY REPORT ON THE J & L MINERAL OPTION LEAD-ZINC-GOLD-SILVER PROSPECT BRITISH COLUMBIA NTS: 82M/8E

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BPVR 84-53

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SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-1

DRILLING CO.	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: September 1, 1984	PROJECT:	J&L
CONNORS	-N-	COLLAR	+00.96°	223.18°	DATE COMPLETED: September 2, 1984	N.T.S.:	82 M/8E
					COLLAR ELEV.: 838.929	LOCATION:	UG-J-68 + 3.2
					NORTHING: 9909.950		South Wall
					EASTING: 10,718.442		
					AZIMUTH: 222°		
					DEPTH: 27.74 m	DATE LOGGED:	Sept 2/84
HOLE TYPE DDH					CORE SIZE: B.Q.	LOGGED BY:	TM & NH

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	2.52	Qtz-Ser Phyl (07)	LTGYGRN	FG	FOID	SER	As,Py,Po ZnS,PbS	14	90%	-thin to med bndd,two sets of bnding mainly seen in thin Py bnds at 1.40 and 1.37 m +tr chl in qtz lenses @2.04 m +minor kinks and crenulation development between 2.0 and 2.20 +kinks are very local and only remobilization of sericite into kink axes. +mineralized bnds crosscut foln at a low angle as well as // to foln +foln crosses core axis @48° and crosscutting mineralized bnd @ 56° +from 1.58 to 1.64 phl becomes slightly darker and chlorite	- sulp in very thin (1.0 mm) bnd both // to and cross-cutting foln ZnS -Tr thin red bnds with lesser PbS -Py-Tr mg to cg diss along foln in very thin bnds & crosscutting foln. -As-Tr-fg to mg diss -Po-Tr- very thin diss bnds generally // to foln and in small diss patches and smeared on foln.

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INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	%Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
2.52	2.64	Qtz-Ser-Chl Phyl (07)	GRNGY	FG	FOTD	Ser&Chl	Po,As		100%	-thin bndd,foln crosses core axis at 48°	-Tr Po smeared on foln planes & in small diss patches
										-thin boundinaged qtz lense @ 2.53.	and very thin bnds //to foln.
											-Tr fg As diss and within Po bnds
2.64	2.91	Qtz (06)	LtGY GRN	FG	FOTD	Ser	Po,As,Py		100%	-foln crosses core axis @50°	-Tr diss As, Tr very thin Po bnds crossing core axis
										-minor concordant and crosscutting qtz bnd with white feldspars.	@55° slightly cross cutting
										-Ser increase towards 2.91	-Po also smeared on foln with TrPy
										-@2.73 to 2.75 thin Po strs with qtz veinlets + minor feldspar, Tr diss As and Tr ZnS	
2.94	6.79	Qtz-Ser Phyl (Tr Chl) (07)	Pale GYGRN -greyer towards 6.79	FG	FOTD	Ser TrChl	Po Pbs As,ZnS,Py,		100%	-thin to med bndd locally siliceous	-As 1%,Py 1%, tr ZnS, tr Po -Po fg smeared on foln planes
										- minor chl from 3.05to3.29	
										- Local ser lenses from 6.56 to 6.68	-@4.24 Cg Py+As bnd with TrZns two 1 cm wide bnds
											-@4.81 - 2 mm wide red Zns (fg to mg) +

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INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											Cg Py +As diss along foln.
											- from 5.34 to 5.20, 13 thin
											strs of Cg Py+Cg As and
											minor red ZnS and tr PbS
											crossing the core axis @53°.
6.79	6.91	Qtz-Chl-Ser Phyl	GRN-GY	FG	FOTD	Ser+Chl	Po,As		100%	-thin bndd, locally siliceous	-very thin Tr Po bnds // to
		(06)								-bnding (foln) crosses core axis	foln with diss Tr Cg As
										@51°	in same bnds
										-all bnds are very discontiu- ous	-Po also smeared on foln planes
										-minor crosscutting feldspar	
										veinlets angle to core axis = 34°	
6.91	7.14	Qtz-Ser Phyl	LTGYGRN	FG	FOTD	Ser, TrChl	Py,Po,As		100%	-tr chl clots on foln planes	-Tr Cg As with Py strs.
		(07)								-thin to med bndd	-Py 2% -cg diss // to foln
										-foln and sulp cross	
										core axis at 48°	-Po 2% in thin mono strs // to
										-minor boudinaged qtz lenses	foln.
7.14	8.68	Qte	LTGYGRN	FG	FOTD	Ser, minor	Po,Py,As			-thin to med bndd-thin bndd	-TrPo in very thin strs // to
		(06)				Chl				where is more sericitic	foln.
										-foln crosses core axis varies	-Tr Py diss
										from 45° to 55°	-@7.74 a 1.5 cm wide zone of
											Cg Py, Mg PbS and Fg Po

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DRILL LOG

HOLE NO. 84 - 1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										-@7.46 to 7.57 and @ 8.19 to 8.26 dk grey, thinly ~~bndd chloritic horizons~~ interbndd with qtz + minor ser	in thin irregular strs within small tight folds crossing ~~core axis at 44°~~
										-white qtz lenses between ~~chl zones~~	
										-minor crenulation cleavage developed from 8.30 to 8.53	
8.68	10.08	Qtz-Chl- ser Phyl (06)	GRN-GY	FG	FOTD	Chl+Ser	~~Py,Po,As~~ ZnS		100	-thin bndd, minor qtz lensing with Tr chl and tr feldspars -foln crosses core axis @ 35° -locally sericitic	-Po 1% in thin to med strs // to foln. -Tr Py Cg diss along foln ~~and within Po strs.~~ -Tr As in thin discontinuous bnds // to foln. -Tr ZnS associated with qtz lens.
10.08	10.14	Qtz (13)	Buff	f.g.		Chl			100	-tr chl, minor feldspar	-Tr irregular Po strs.
10.14	10.52	Qte (06)	LTGYGRN	f.g.	fotd.	Ser, Chl	Po,Py,ZnS As			-minor interbndd ser + chl bnds -foln crosses core axis at 38° -sulp crosscut foln @ angle of 50°	-Tr Po strs // to foln -Tr ZnS, As witin Po strs - Py diss + within Po strs

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DRILL LOG

HOLE NO. 84-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-minor feldspar in strs // to sulp strs.	
10.52	11.55	Chl-serQtz Phyl (05)	GY	FG	FOTD	Chl-ser	Po,Py,As PbS,Cpy		100	-locally siliceous -foln crosscuts core axis @ 34° to 41° -thin bndd -tr barite dolomite? strs // to foln. @ 10.83	-Po 1% thin strs // to foln -Tr diss Py, As, PbS within these strs and Py as single individual grains
11.55	12.40	Qtz-ser Phyl (07)	LTGYGRN	FG	FOTD	Ser,minor Chl	As,ZnS,PbS Py,Po		100	-increasing ser (+chl) towards 12.40 -thin to med bndd -minor qtz veins with feldsprs // foln -foln crosses core axis @36° to 40° -foln becomes more irregular with increasing ser content	- sulp with thin strs associated with qtz. - Tr Po + ZnS strs. // to foln. - As mg diss in qtz strs // to foln. - Tr diss py.
12.40	13.48	Qtz-Ser Chl Phyl	GRN-GY	FG	FOTD	Ser-Chl	ZnS Po,PbS Py As			-foln crosses core axis @38° -thin bndd -qtz lensing // to foln with tr associated feldspar	-As Tr -diss mg -Po-1% thin strs at angle of 52° -Tr thin ZnS str // to foln with tr diss PbS -tr diss Py

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
13.48	14.57	Qte (06)	LTGYGRN	FG	FOTD	Ser-TrChl	Po, ZnS PbS, As		100	-thin to med bndd, qtz lenses up to 3 cm wide with associated Po strs and feldspars with minor solution brecciation -foln crosses core axis @41° -minor folding @13.86 with fold axis crossing core @ 40°	-Po 2% in thin irregular strs crossing the core axis @ 56° -ZnS 1% @ 13.96 in thin irregular strs associate with Po strs. -As Tr Mg diss within Po +ZnS str. -PbS Tr -with ZnS strs. -PyTr-diss strs // to foln. -TrPo smeared on foln planes.
14.57	16.06	Chl-Qtz-Ser Phyl (05)	GRN-GY	FG	FOTD	Chl+Ser	Po, PbS, Cpy			-thin to med bndd. -interbndd chl phyl with qtz-ser phyl -minor qtz lensing with associated feldspar -foliation crosses core axis at 45° -mineralized bnds cross core axis @51° -kink bnd at 14.92	-Tr cpy with Po str at 15.24 and 15.36 -Po Tr to 1% in thin strs

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DRILL LOG

HOLE NO. 84-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
16.06	16.60	Qte	GY	FG	FOTD	Chl, ser	Po		100	-med bndd, FG diss	-Tr Po smeared on
		(06)								chl + argillaceous material?	foln plane
										gives grey colour	
										-foln crosses core axis @33°	
										-Tr ser, minor qtz lens with Tr Chl.	
16.60	18.60	Chl-Qtz Phl	LTto DK GY	FG	FOTD	Chl,ser	Po		100	-locally very chloritic as	- Tr Po smeared on foln.
		(05)								med (up to 2 cm wide) chl	plane
										pyl bnds occur throughout	
										-qtz lensing with Tr green chl and minor feldspars.	
										-qtz lenses are boudinaged	
										-foln crosses core axis from 42° to 56°	
										- local shring disrupts foln slightly	
18.60	18.72	Qtz lens (13)	White	FG		Tr Chl			100	-qtz lens - lower half consists of feldspars that have undergone solution brecciation with interstitial qtz and chl. Fragments are irregular and only roughly oriented // to foln.	
18.72	19.19	Chl-Qtz Phy	DK GY	FG	FOTD	Chl,Tr Ser	Po		100	-thin bndd	- Tr Po in thin strs and
		(05)								-abundant boudinaged qtz	patches-very discontinous

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

DRILLING CO.	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: Sept 4/84	PROJECT: J&L
CONNORS		COLLAR	-87.75°	005.13°	DATE COMPLETED: Sept 7/84	N.T.S.: 82 M/8E
		30.48 m.	-86.5°	217°	COLLAR ELEV.: 837.054	LOCATION: 10,500 E. Crosscut
		60.96 m.	-81.5°	220°	NORTHING: 10,015.256	
		91.44 m.	-79	223°	EASTING: 10,500.224	
					AZIMUTH: 222°	
					DEPTH: 97.54 m	DATE LOGGED: Sept 5/84
HOLE TYPE DDH					CORE SIZE: B-Q	LOGGED BY: N.H.

INTERVAL (m) FROM	TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	1.52	chl-ser-Qtz phyll (05)	Dk grey green	FG	FOTD	Chl +Ser	Po		22	thinly bndd, minor thin boundinaged barren qtz veins. Foln ranges from 36° to 40° from core axis.	Tr Po as diss grains and v. thin discontinuous bands that parallel or cross the foliation at a low angle. Po is also found smeared along foln planes.
1.52	1.81	Qtz-ser-chl phyll (07)	med grey green	FG	FOTD	Ser+minor Chl	Po,Py,ZnS		100%	thinly bndd unit becomes increasingly siliceous towards qtz vein at 1.81 m. foln 32° from core axis, minor kink fold at 1.59 m, minor barren boudinaged qtz veins near 1.52 m and a thicker vein containing ZnS, py, po and chl at 1.79 vein may also contain f.g. feldspars	Between 1.52 and 1.69 tr. diss c.g. Py between 1.69 and 1.81 ~1% c.g. py as diss grains and as thin bands associated with po and ZnS ~1% f.g. po as diss grains and v. thin stringers often associated with py & ZnS and as blebs within qtz vein at 1.79

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	%core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											~1% ZnS as f.g. diss gns and as v. thin m.g. bands associated with py and po and as blebs within the qtz vein at 1.79
1.81	2.26	Qtz vein (13)	White			chl	Py, ZnS	-fractured	close to 100%	Vein contains ~15% V. coarse grained, euhedral, fractured feldspars. from 2.09 to 2.12 there is a zone of light green chlorite + minor v. thin acicular blk micas?	~2% c.g. euhedral to subhedral py diss throughout tr ZnS dominantly associated with the light green chloritic zone between 2.09 and 2.12 ZnS is m.g. and dk red.
2.26	3.52	Qtz-ser phyll (07)	med grey green	f.g.	fotd.	ser & minor chlorite	Py, Po		100%	Thinly banded locally siliceous. a thin zone of more chlorite material exists between 3.05 and 3.14. Qtz vein between 2.38 and 2.57 contains ~5% c.g. feldspars plus ~30% sericitic material of the host rock. At contact at 2.38 phyllite has been locally silicified. Between 2.26 and 2.36 - grey qtz veins composed of 2mm interlocking qtz blebs interstitial to the qtz blebs are grains of light green chlorite, pyrite and minor fuchsite. foln within zone ranges from 40° to 50° from the core axis.	Overall ~1% c.g. py concentrated between 2.26 and 2.48 where it attains a concentration of ~3% Py occurs as diss grains and as thin stringers associated with qtz veins. po occurs throughout the zone as thin bands parallel to sub parallel to the foliations, and as diss gns and smears on foln planes. ~2% po throughout the zone.

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DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
3.52	3.74	ser phyll (04)	lt grey green	f.g.	fotd. and folded	ser and minor chl	Py	highly fractured	>100%	Highly folded, thinly bndd. folds appear to be kink folds with fold axis ~85° to the core axis. Zone locally contains minor barren qtz veins locally zone contains thin chloritic lamellae	tr. m.g. py near 3.74 as blebs within a mildly chloritic zone
3.74	5.81	chl-ser phyll (05)	med dk grey green	f.g.	fotd.	chl and minor ser	Po, Py		100%	Thinly bndd, contains small qtz veins at 3.85 (cross cuts foln) 4.28 (parallels foln), 5.33 (parallel to sheared off limb of kink fold and contains minor c.g. feldspar). foln at 3.71 is 18° from the core axis, at 3.98 foln is 36° from the core axis, at 4.97 foln is 90° from the core axis, at 5.49 foln is 38° from the core axis Small kink fold have been observed at 4.96 which has a f.a.x. at 82° and at 5.33 which has a f.a.x. of 82°	~1% po dominantly as smears on foln planes plus as v. thin stringers roughly parallel to foln. Tr. m.g. py associated with thin po strs and as c.g. euhedra within quartz veins.
5.81	8.19	chl phyll (05)	dk grey green	f.g.	fotd	chl	Po		100%	V. thinly bndd, foln range from 40° to 45°. locally zone contains minor thin barren qtz veins that roughly parallel foln. Zone appears to become slightly more sericitic between 7.72 and 7.78	Tr po as diss gns and as smears on foln planes - minor v thin po strs in close proximity to thin qtz veins.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
8.19	8.43	Qtz vein & chl phyll (13 & 05)	white dk gy grn	f.g.		chl & minor ser.	Po, Py		100%	Qtz vein contains ~20% c.g. feldspar plus white sericite and light green chlorite. chl phyllite occurs between two main qtz veins between 8.24 and 8.38. The phyll has a rough foln at 40°, and is locally very dark.	~1% po as thin strs within the phyllite and on the perimeters of the qtz veins; and as smears on foln planes -trace py within thin stringers associated with po.
8.43	9.86	chl-ser phyll (05)	dk gy green	f.g.	fotd	chl & ser	Po, Py	mod. fractured between 9.45 and 9.58	100%	Thinly bndd, with the thickness of bands tending to increase towards 8.43; foln @ 8.90 is 45° @9.27 is 35° ~2% boudinaged qtz veins locally siliceous	Tr. py smears on foln planes and as v. thin stringers roughly parallel with the foln. Tr po as smears on foln and as v. thin strs
9.86	10.13	Qtz Vein (13) :	white - lt gy	c.g.	mass	minor ser & chl	Po		100%	Slightly mottled appearance. Contains thin feldspar veins and strs of light green chlorite. top and bottom contacts roughly parallel surrounding foln.	~1% m.g. po which occurs as strs interstitial to the qtz grains.
10.13	11.86	chl-ser phyll (05)	med gy green	f.g.	fotd.	chl & ser	Po, Py		100%	Thinly bndd, Qtz vein at 10.25 to 10.30 that contains ~20%c.g. feldspars. folns range from 45° to 50°. kink folds occur locally within the zone. @ 10.55 f.a.x. is at 75° @10.83 f.a.x. is at 75°. @11.80 f.a.x. is at 80° At this last location the foln diverge away from the axial plane	Tr. py as thin strs within the qtz veins. Tr po as thin strs and as smears on foln planes.

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DRILL LOG

HOLE NO. 84-2

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11.86	12.13	chl phyll (05)	dk gy green	f.g.	fotd.		Po		100%	thinly bndd highly folded with small scale kink folds. f.a.x. @12.12 is 75° and foln at 12.12 is ~42°.	~1% po strs that locally parallel foln. - v. thin po locally smeared on foln.
12.13	12.93	chl-ser phyll (05)	med grn gy	f.g.	fotd		Po, Py		100%	thinly banded with locally siliceous zones and sericitic zones; foln. 38° to 44° locally zone contains small kink folds @12.25 f.a.x. is 72°. This zone locally contains medium qtz veins that locally contain minor m.g. feldspars and light green chlorite.	~1% py as m.g. diss blebs and as thin strs that parallel foln. minor py associated with po in strs within qtz veins. ~1% po as smears on foln planes and as thin strs associated with qtz veins.
12.93	13.00	chl phyll (05)	dk gy grn	f.g.	fotd		Po, Py		100%	V. thinly bndd.; med qtz vein parallels foln at 12.95 foln is at 45°.	Tr. po as smears on foln planes and as blebs and strs in qtz veins. Tr. py as blebs and strs. in qtz vein
13.00	13.23	chl-ser pyhll (05)	gy grn	f.g.	fotd.		Py, Po	highly fractured	~100%	V. thinly banded - unit is ~20% qtz veins which are white, opaque and translucent gy, foln is 35° @13.00. translucent qtz veins contain minor m.g. feldspars and light green chlorite.	Tr. po diss grains that have been smeared on foln planes and as f.g. interstitial blebs within qtz vein, Tr py as diss grains that are locally smeared on foln planes.

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DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
13.23	13.53	chl-ser phyll (05)	gy grn	f.g.	fotd.		Po,As		100%	Thinly bndd locally siliceous and locally highly sericitized especially in zones associated with qtz veins. Zone contains ~5% white to gy translucent qtz veins. foln of 52°	~1% po as diss grains that are smeared on foln planes Tr po as thin strs in qtz veins. Tr m.g. As as diss grains within the qtz veins.
13.53	13.69	Qte (06)	lt gy grn	f.g.	weakly fotd.				100%	Med banded, locally moderately chloritic - chloritic zones appear to follow foln but are only roughly parallel.	
13.69	17.04	chl-ser phyll (05)	med gy green	f.g.	fotd		Po,Py		100%	Thinly bndd - Contains 4 small bnds of chloritic qte similar to above zone from 14.19 to 14.22 and from 14.62 to 14.65 and from 16.17 to 16.19 and from 16.24 to 16.26. foln ranges from 40° to 50° except at 16.19 it is 68° small kink fold at 8.15 has a f.a.x. of 67°. locally within the zone mod qtz veins are present between 14.63-14.64; 14.85-14.95; 16.07 -16.14. These qtz veins contain up to 50% c.g. feldspars and locally contain light green chlorite	~1% po as minor diss grns that are locally smeared on foln. planes and as small blebs and strs within qtz veins between 16.07 and 16.14 Tr py associated with po in qtz veins

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DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
17.04	18.84	chl-ser phyll (05)	med gy green	f.g.	fotd.		Po,Py		100%	Med bndd - locally highly sericitic contains a small Qte horizon between 18.01 and 18.05 - unit contains ~15% qtz veins that are locally boudinaged. foln are disrupted locally in vicinity of qtz veins. A larger qtz vein exists between 17.44 and 17.50 that contains ~15% c.g. feldspars. foln of 44° @17.020; 36° @18.05 (at contact of Qte) and 45° @ 18.70.	~1% po as V. thin strs parallel to foln and as thin strs associated with the qtz veins, also as smears on foln planes. Tr py as thin strs and diss grns found locally associated with po
18.84	20.71	chl-ser phyll (05)	med gy green	f.g.	fotd.		Po		100%	Thinly banded. Minor boudinaged qtz veins foln ranges from 38° to 45°	~1% Po as diss grains and as v. thin strs parallel to foln and as smears on foln planes.
20.71	20.90	Qtz vein (13)	gy white	c.g.	vein	minor chl & ser	Po		100%	Qtz vein contains ~15% c.g. subhedral feldspar with minor sericite plus light grn chlorite.	<1% po as thin discontinuous strs.
20.90	21.60	chl-ser phyll (05)	med gy green	f.g.	fotd		Po		100%	Thinly bndd. Zone becomes increasingly serecitic and siliceous towards 21.60. in the serecitic zones there are several thin qtz-feldspar veins. foln ranges from 34° to 38°. foln are less regular within sericitic zones associated with qtz-feldspar veins	~1% po as diss grains and thin discontinuous strs that cross the foln at a low angle locally associated with thin qtz feldspar veins.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
21.60	23.15	Qte (06)	lt gy grn	f-m.g.	weakly fotd	chl & minor ser	Po		100%	Weakly bndd with thin bnds of chlorite material minor sericite on foln. surfaces. Minor thin qtz-feldspar veins that cross cut foln at a low angle. Thin veins trend at 30° where the foln. is roughly 25°. @22.39 to 22.51 there is a finer grained Qte that appears to be folded with the folds being sheared off in a sericite zone at 22.51. There is a similar zone between 22.82 to 22.86 which has a med. f.g. Qte horizon bounded on both sides by thin sericite zones. Foln. range from 25°-35° throughout most of the section but down to 0° within folded f.g. Qte between 22.39 and 22.51.	< 1% Po as diss grains and as thin crosscutting strs within the f.g.-Qte between 22.39 and 22.51 and as thin strs that roughly // foln within the sericitic zone at 22.51.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
23.15	26.15	Qte (06)	lt. gy	m.g.	sucrosic	minor ser	PbS, Py Po		100%	clean, massive weakly fotd with ser on foln. planes foln. is at 45° -locally the zone contains f.g. Qte and a sericitic zone between 24.24 -24.43. This zone is ser-phyll with minor Qtz & Chl. The Qte contains one Qtz-feldspar vein at 25.37 -25.40 that contains ~ 5% feldspar.	Tr Po dominantly as strs // to foln. within the sericitic zone between 24.24-24.43 Tr Py as smears on foln. planes. Tr Pbs associated with feldspar within the qtz vein between 25.37-25.40
26.15	27.04	Qtz-chl Schist (06)	med grn gy	f-m.g.	fotd		Po,As		100%	This unit has a gradational upper contact near 26.15. The unit grades from a Qte to Qtz-chl phyll. foln ranges from 44° to 48°. Zone contains minor thin feldspar -qtz veins that cross cut foln at 34°	Tr. po as thin strs and blebs associated with the Qtz-feldspar veins and as smears on foln. planes. Tr As-only observed as a single diss grain at 26.65.
27.04	27.55	chl-ser phyll (05)	med gy grn	f.g.	fotd		Po		100%	thinly bndd. irregular foln appears to have been disrupted by boudinaged qtz veins. foln. range from 45° to 51°. V. small scale folding appears evident locally within the zone.	>1% po as thin discontinuous strs. and as diss blebs within the qtz veins.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
27.55	35.15	chl-Qtz-ser phyll (05)	med grn gy	f.g.	fotd	chl+ser	Py + Po		100%	thinly bndd with local ser rich zones, and several zones of thinly bndd Qtz-chl phyll plus chloritic Qte between 27.73-27.85, 28.83-28.84, 28.93-29.05, 30.39-30.42, 33.47-33.51. Ser. content is locally high. foln's cut 45°-50° throughout most of the zone. Towards 35.15 the foln drops to ~42°.	tr.py as v. thin strs and f.g. diss grains throughout the zone and as smears along foln. planes. Strs roughly // foln. locally within the qtz veins Py + Po occur as c.g. blebs and as thin strs. Concentration of sulphides appears to increase in zones with higher sericite concentrations. -Tr po occurs as f.g. masses and strs associated with py.
										Qtz veins occur sparsely throughout . Prominent quartz veins occur between 27.55 to 27.57(contains minor feldspar) 30.81 to 30.84(contains minor feldspar).32.75 to 33.04 there is ~30% qtz vein in chl-ser phyll. qtz vein contains ~15% light grn chlorite. small veins occur at 33.15, 33.20, 33.24, 33.39 A folded qtz vein between 33.53-33.57 with a f.ax. of 80°. Med qtz veins with minor feldspar occur between 33.72-33.74 and 34.01-34.06	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
35.15	35.76	Qtz-chl phyll (06)	lt-grn	f.g.	fotd folded	minor ser	Po,Py		100%	thinly bndd, locally highly folded. Minor intercalated chl-ser phyll zone contains ~30% qtz veins that are locally boudinaged and often cross the foliation at a low angle or // to foln. foln range from 45° near 35.15 to 55° near 35.76. A large qtz vein is present between 35.49 to 35.60 which contains <5% feldspar and minor light grn chl. locally the other smaller qtz veins contain up to 70% feldspar near 35.41-between 35.60 and 35.62 there is a thin bnd of chl-ser phyll. -f.ax within the zone are 40° near 35.25 and 80° near 35.76	
35.76	37.60	Chl-Qtz-ser phyll (05)	med. gy grn	f.g.	fotd.		Py,Po		100%	thinly bndd. locally siliceous and locally highly sericitic especially between 36.56-36.78. foln. are fairly constant ranging from 48° to 50° throughout the zone. The zone contains several qtz veins that are white to translucent	~1% py as m.g. diss grains and as d.g. and m.g. blebs within the qtz veins and as smears on the foln. Tr po as m.g. diss blebs and strs. locally it occurs as smears on foln. planes

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										gy and occur between 35.86-	
										35.91 and between 36.38-36.57	
										Veins are locally folded and	
										contain minor feldspar and	
										light green chlorite. Locally	
										bands of the phyllite cross	
										the qtz vein undisrupted by	
										the introduction of the vein	
										material-No orientation could	
										be derived from the folds with-	
										in the veins.	
37.60	38.20	Qtz-vein (13)	white	c.g.	vein	chl+ser	Py,Po		100%	massive, contains ~1% ultra c.g. feldspar(up to 3 cm wide) Vein contains ~30% remnant chl-ser phyll. ~5% remobilized or vein derived chl + minor ser. locally	<1% po as thin strs and diss blebs usually close to the contacts with the phyllitic horizon <1% py as m.g. diss blebs
										within the qtz vein there are minor, v. thin, acicular micas? (maybe an amphibole)	and strs.
38.20	39.61	Chl phyll (05)	dk. grn gy	f.g.	fotd	minor ser	Py,Po		100%	Thinly to v. thinly bndd.foln ranges from 45° to 50°, contains minor thin qtz-fledspar veins that roughly // foln. Zone con- tains minor intercalated ser-qtz phyll at 39.17-39.20 and 39.43- 39.47	<1% py-mainly as diss grains concentrated between 39.26 and 39.28 <1% po as diss grains throu out and as minor smears on foln planes.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
39.61	40.31	Chl-Ser-Qtz-Phyll (05)	med gy grn	f.g.	fotd		Py,Po		100%	thinly bndd, locally highly siliceous with intercalated qtz-chl phyll at 40.01-40.03 and at 40.14-40.18. Qtz veins at 39.62-39.68, at 39.86, and at 39.97-39.98. These veins contain minor feldspar & light grn chl. The quartz veins have been folded and boudinaged disrupting the surrounding foliations. The undisturbed foln. are at ~45°.	<1% c.g. py as diss. grains and as thin strs composed of c.g. euhedral py. <1% po as diss grains and as thin strs and smears on foln planes.
40.31	45.14	chl-qtz-ser phyll (05)	med gy grn	f.g.	fotd		Py,Po		100%	Thinly bndd. contains local zones rich in ser and quartz throughout are fairly regular with foln. ranging from 35°-40° foln are less reg in serici-tic zones zones of chl-ser phyll occur at 41.64-41.76, 43.08-43.40, 44.06-44.20, and 44.63-44.73 The zone contains ~1% qtz veins that locally contain feldspars and light green chloride. The veins // and crosscut the foln.	tr. diss. m.g. py and py strs -usually within sericitic zones and associated with qtz veins. -tr. po as smears on foln planes and associated with py strs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
45.14	46.17	chl-ser phyll (05)	med gy grn	f.g.	fotd.		Po, Py		100%	thinly bndd becoming v. thinly near 43.14. foln. range from 90° at 45.30 and up to 40° which is the dominant angle of foln throughout the zone. At 45.30 a small fold exists with a f.ax. of 90° Close to this fold small crenulations have been observed with axes similar to that of the larger fold present. The Zone locally contains thin qtz-feldspar veins that // the foln and locally cross-cut the foln.	< 1% py occurs as diss euhedral grains throughout ~1% po as flattened diss grains and as smears on foln. planes.
46.17	46.60	Qtz-chl phyll (06)	gy grn	f.g.	fotd		Po,Py		100%	-thin to med bndd. contains Qte between 46.22-46.39. The zone appears to be a transition zone between Chl-ser phyllite at 46.17 and Qtz-ser phyll at 46.60	-trace py as diss grains and thin strs. -trace po as diss grains and thin strs.
46.60	47.31	Qtz-Chl-Ser Phyll (06)	gy with minor grn	f.g.	fotd		Po,Py		100%	-thinly bndd with local semi massive zones within intercalated/thin discontinuous strs. Qte. -Qte occurs between 47.07 and 47.31. foln are irregular in zones/and 47.99.	-tr py as diss grains and especially within the high-ly ser region between 46.78

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										with high ser content	-tr po as flattened diss grains
										-minor chl occurs throughout	and as thin discontinuous strs
										within thin chl zones	associated with py.
										-minor qtz-feldspar veins	
										occur within highly ser	
										regions and disrupt the foln.	
										-foln. @46.65 is 45° @47.85	
										is 35° @47.07 is 50°	
47.31	48.38	chl-qtz phyll (05)	grn gy	f.g.	fotd		Po		100%	thinly bndd, foln is a	-tr po as m.g. diss euhedra
										constant 43° throughout.	throughout and as smears on
										-minor thin qtz-feldspar veins	foln planes.
										// foln. and account for less	
										than 1% of the zone.	
48.38	51.07	chl-ser-qtz phyll (05)	gy grn	f.g	fotd.		Po,Py		100%	thinly bndd, locally siliceous	~1% py as c.g. diss grains
										folns. are locally irregular	throughout the phyllite and
										foln @43.40 is 51°; at 49.66	qtz veins. Locally py occurs
										is 31°; @ 50.19 is 36°; @50.80	in thin discontinuous string-
										is 42°. The zone contains sev-	ers sub // to the foln.
										eral qtz veins at 48.55-48.59,	-tr po. as diss grains and as
										48.91-48.93, 50.37-50.44.	rare thin discontinuous strs.
										These qtz veins are discor-	po is locally smeared on
										dant with and disrupt the	foln. planes.
										foln. they locally contain	
										minor feldspar and light grn chl.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
51.07	51.38	Chl-Qtz phyll (05)	Lt gr gy	f.g.	fotd		Py,Po		100%	-v. thinly bndd-constant foln. of 45°-minor thin qtz-feldspar veins // the foln.	-tr py as diss grains and smears on foln. planes -tr po as diss grains and smears on foln. planes
51.38	54.16	Qtz-Chl-Ser phyll (06)	Lt gy grn	f-m.g.	fotd	chl	Pbs,Py, Po, As		100%	thin to med bndd locally highly siliceous especially between 52.56-53.02. local regions contain minor chl that has coloured the qtz rich zones/52.93, and sporadically begrn. foln. ranges from 40°-50° with the dominant foln at ~45° -feldspar vein at 51.56-51.66 ~80% feldspar that has been locally altered to sericite in a radial fashion ~15% qtz -thin qtz-feldspar veins occur locally throughout ~1% by volume.	~1% py as c.g. within strs often associated with po and locally with As. -larger strs occur @ 51.66, 52.93, and sporadically between 53.62-53.69 (high As concentration) ~1% po as m.g. associated with py in strs or as minor thin monomineralic discontinous strs and smears on foln. planes. Tr As concentrated as c.g. As in strs between 53.62-53.69 associated with m.g. po and c.g. py. Tr Pbs - located in one thin stringer at 51.68 associated with po.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
54.16	63.28	chl-ser-Qtz phyll (05)	med gy grn	f.g.	fotd		Py,Po,Pbs		100%	Thin to med bndd. Zone varies locally from a chloritic Qte to a ser phyll. Qtz rich horizons occur @56.38-56.76; 58.90 -59.13; 61.46-61.54. Larger ser-phyll horizons occur at 62.41-62.99; 63.07-63.15 foln @54.46 is 48°; @55.47 is 42°; @58.32 is 90°; @58.88 is 46° and remains a fairly constant 46° to 63.28 - small folds occur at 58.32 f.ax at 88° - minor thin qtz veins throughout that locally contain feldspar -veins locally // foln, but many veins are discontinuous and discordant to the foln.	~1% py as c.g. diss grains and thin strs often associated with qtz veins <1% po as diss grains are associated with py in thin strs -Tr pbs as a minor component within thin str within thin qtz veins between 56.45-56.63.
63.28	64.50	Qtz-Ser-phyll (07)	lt gy grn	f-m.g.	fotd	minor chl	Po,Py,As		100%	v. thinly to med bndd.-locally highly siliceous (Qte) especially between 63.62-63.91. Zone is more chloritic towards 54.16. foln. within the zone is fairly constant at 55° -thin qtz-feldspar veins occur at 63.97-63.99 and at 64.28-64.30	1-2% po f.g. in thin discontinuous strs. With a larger mass po band at 63.83 to 63.85 and a concentration of strs associated with py between 63.97-64.03.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

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											<1% c.g.py within thin strs
											and associated with qtz veins
											~1% c.g. euhedral As within
											thin qtz-feldspar veins at
											63.97-63.99, 64.28-64.30 and
											as diss grains within the
											phyllite.
64.50	64.56	M.S. (12)	silver gy	c.g.	brecciated	ser	As		100%	~60% c.g. fractured sub-	
										hedral As with ~5% ser-qtz	
										phyll fragments within a quartz	
										gange-contact at 64.50 is roughly	
										concordant with the foliation	
										which is slightly folded. At con-	
										tact there is a 3mm bnd of f.g.	
										As. The contact at 64.56 has a	
										thinner (<1 mm) band of f.g. As.	
										At this contact the wall rock has	
										a 2 mm sericite rich that //'s	
										and is in contact with the As hori-	
										zon. The wall rock at this contact	
										contains minor diss. As. Contacts	
										are roughly at 60^0.	
64.56	65.53	Qtz-Ser Phyll (07)	Lt gy grn	f.g.	fotd	minor chl	ZnS, As, Py		100%	thin-med bndd with local ser rich horizons concentrated towards 64.56, minor Ca veins at 65.27 and	~3% Zns as thin wispy strs that are concentrated between 64.91 to 65.10 and

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										65.41. Ca veins are thin and//	and attain a concentration
										and locally cross-cut the foln	of 5% between 65.22-65.37
										foln. range from 52° to 56°	and between 65.47-65.53.
										fold @ 64.90 has f.ax of 76°	Zns strs roughly // the foln.
											but are often connected by
											thin cross cutting strs. Zns
											is med orange. Between 64.56
											and 64.70 the core is barren
											of ZnS
											<1% As-as m.g. euhedron asso-
											ciated with thin ZnS strs and
											as minor diss grns
											Tr py-very local as f.g.
											diss grains associated with
											ZnS strs
65.53	66.01	Lst (03)	med gy	m.g.	bndd	minor chl +ser	Po, ZnS, Py As		100%	thinly bndd-locally contains	~1% ZnS as thin wispy strs
										thin agrillaceous horizons and	that generally // the foln,
										chl and/or ser on foln.planes	but locally cross cut the
										Foln. range from 52°-60° ~2% Ca	foln, especially where they
										veins that locally // foln and	are associated with Ca veins
										in other areas cross-cut the fol-	ZnS is localized into 2
										iation and one locally ptygmatically	main zones @65.70-65.74 an
										folded. Lst becomes darker towards	65.78-65.82
										66.01 as a result of increased	ZnS is dk orange
										argillaceous component.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
66.01	70.00	Lst + chert? (02)	Dk grey	f.g.	veined	chl + mi + hor ser	ZnS, PbS, Py, As		100%	thin to med bndd-locally highly siliceous, argillaceous component varies highly throughout. finer grained sections are highly siliceous. Zone contains qtz and Ca veins locally with both minerals being present within local veins. -between 69.65/ and 69.81 the limestone is an (03) that contains a lesser amount of ZnS. foln. within the zone are @66.01 is 55°; @66.78 is 65°; @67.78 is 43°; @68.25 is 50°; @68.99 is 55°; @69.95 is 48°. -tr po as diss grains and locally as blebs within ZnS strs. -tr py as diss grains and as blebs locally within ZnS stringers - tr. As. as f.g. euhedral diss grains within ZnS strs. ~ 10% ZnS which is dominantly dk orange but lightens to a light orange @66.77-67.01 and @69.39 to 69.43 at which point the ZnS grades into a honey blonde ZnS -Honey blonde ZnS is also located @68.33-68.39 where it also grades laterally into light orange, then dk orange ZnS. ZnS occurs as wispy coalescing strs. that on a gross scale parallel the foln, but on a small scale the strs cross-cut the foln and form masses of coalescing strs often associated with qtz and Ca veins.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											Within the zone there are zones that have a decreased ZnS content-especially @66.17-66.25; @66.52-66.68; @67.07-67.24; @67.50 -67.57; @68.61-68.94; @69.65-69.9
											~Tr As as f.g. diss grains associated with zones that have a high concentration of ZnS strs.
											~Tr Py occur as m.g. diss grains locally within and peripheral to local ZnS strs and diss grains within the Lst. -high py concentration zones occur @68.86-68.95; @69.32-69.34.
											Tr Pbs as f.g. diss grains within local areas associated with ZnS stringers and especially where py is present within the ZnS strs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
70.00	70.66	Lst (02) close to (03)	lt-dk gy	m.g.	fotd (bndd)	minor chl+ser	ZnS, As, Py		100%	-med-thinly bndd with minor intercalated argilliceous horizons. Zone contains ~10% c.g. Ca veins that are locally highly folded and in other localities they // the foln. foln at 70.05 is 50° which is fairly pervasive throughout. A small slip plane occurs at 70.56 and has an orientation of 77°.	~1% ZnS-occurs between 70.25-70.29 as thin discontinuous strs that crudely // the foln -Tr As as f.g. diss. grains associated with the ZnS strs between 70.25-70.29. -Tr py as m.g. diss grains throughout the zone.
70.66	72.30	Qtz-ser phyll (07)	lt grn gry	f.g.	fotd	ser	ZnS, Py, As Cpy, Po		100%	Thin to med bndd.-minor intercalated m.g. Lt. gy Lst @70.72-70.81 and 71.98-72.60 -Between 71.24-71.94 the zone contains ~30% qtz. veins. Within this zone the qtz veins disrupt the foln. foln. @71.54 is 41°; @71.96 is 46°	Most of the sulphides occur as thin strs and blebs within the qtz veins except between 71.98 and 72.60 where ZnS and py occur as thin strs // to foln. within limestone < 1% As as c.g. blebs and strs within qtz veins. < 1% po as f.g. blebs and strs within qtz-veins < 1% py as m.g. and c.g. diss grains and as blebs and strs associated with the qtz veins.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											<1% Zns(red) occurs as thin
											bnds within Lst between 71.98
											and 72.60 and as thin strs and
											blebs within a qtz vein be-
											tween 71.78 and 71.83.
											-Tr Cpy as small grains asso-
											ciated with po within a qtz
											vein at 71.35-71.39
72.30	72.73	Qte (06)	lt. gy	f.g.	weakly fold.	minor ser	ZnS,Py,As meng?		100%	semi-massive with minor sericitic	~1% ZnS-dk red occurring as
										zones and ser on foln. foln are	thin strs and blebs that
										~43° near 72.30 and 53° near	crudely // the faint foln.
										72.73.	The ZnS is concentrated
											72.47-72.61
											-tr diss f.g. py associated
											with the zones that contain
											ZnS.
											tr. diss sulpho salts as
											sparsely distributed f.g.
											acicular crystals associated
											with the ZnS strs
											tr-diss f.g. As associated
											with py +ZnS

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
72.73	73.39	Lst (03)	lt gy grn	f-m.g.	bndd	minor ser	As,Py, ZnS		100%	med bndd. contains a small unit of clean Qte between 72.92 - 73.14. Lst is bndd with dark f.g. argillaceous bands in a m.g. lt. gy Lst locally disrupted by c.g. Ca veins. foln ~ 58°	tr ZnS (red) as small blebs associated with Ca veins in Qte section. tr As as f.g. diss grains associated with ZnS in the Qte. tr py diss throughout and as v. thin strs // to the foln.
73.39	73.87	Qte (06)	med gy	f.g.	weakly bndd to mottled	ser	ZnS, Py, As, meng		100%	weakly bndd in zones that contain thin ser rich horizons and mottled in zones of clean Qte. Zone is locally calcareous. Ser concentration increases towards 73.39 foln is ~53° near 73.39.	~1% ZnS (red) as thin discontinuous swirled strs ~1% py a c.g. subhedra within thin strs and as diss blebs ~1% As as f.g. diss grains associated with ZnS strs tr sulphosalts as small diss acicular laths associated with ZnS strs. Strs roughly // foln. near 73.39, but become increasingly irregular towards 73.88
73.87	74.47	M.S. + Qte (12 +06)		c.g. sulphides f.g. Qte	bndd	ser	As, ZnS Py Meng			Qte+Qtz -ser phyll with ~ 30% sulphides over its length ~ 25% As; ~2% ZnS; ~3% py; tr meng	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										Sulphides occur as massive bands	
										that // the foln. and as cross-	
										cutting strs usually rich in ZnS	
										and Py.	
										-Qtzite within the zone occurs	
										as med bnds with foln of roughly	
										46^{O}	
										-Qtz-ser phyll v.f.g. small tension	
										gashes filled with Ca-gashes are at	
										a low angle to the core axis and a	
										high angle to the foln.	
										-Zone is locally calcareous	
										-As major component of massive sulph-	
										ides in which it occurs as fractured	
										c.g. masses and as f.g. matrix with	
										M.S. ZnS occurs as thin c.g. strs.-	
										evenly distributed throughout -Red	
										and orange ZnS - occur within the same	
										strs. - often associated with c.g. py.	
										-py -occurs as c.g. masses within re-	
										mobilized strs. pyrite horizon occurs	
										at the contact at 73.88	
										- Meng occurs as thin acicular laths	
										diss throughout the gangue in min-	
										eralized zones and locally within	
										the intercalated seds.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
74.47	75.77	Qtz-ser phyll (07)	lt-gy grn	f.g.	fotd	minor chl	As, ZnS, Py Cpy, meng		100%	thin-med budd-local cb ff foln are highly irregular and folded within the ser rich and fairly regular within the qtz rich bands -locally minor chl foln near 74.47 is 55° @75.40 is 35°; @75.60 is 45°; -qtz veining occurs locally with a large quartz vein @75.36-75.46 which contains ~40% c.g. As.	~1% As as c.g. fract subhedra grains in patches and strs often associated with qtz veins. As also occurs as f.g diss grains associated with ZnS strs. tr ZnS as thin strs that roughly // foln. - tr Py c.g. fractured euhedra in thin strs associated with c.g. As - tr meng f.g. diss, euhedral, acicular needles associated with As + Py and ZnS strs. -tr cpy located in one place @75.40 as a v. small wispy grain within an As+Py str
75.77	76.03	M.S. (12)	orange brown	f-m.g.	~~locally~~ milled		ZnS, Py, As PbS		100%	massive sulphide consists of a central zone from 75.74-75.96 of milled m.s. with a f.g. pyritic core grading out in both directions to zones with higher ZnS content ~50% py (2% as c.g. rounded grns 48% f.g. (ground-mass)	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										~25% ZnS dk orange to red. f.g.	
										darker outside of milled sulphides	
										in thin m.g. strs.	
										-tr As as f.g. component with py in	
										the matrix of the milled zone	
										contact at 75.77-75.79 contains ~10%	
										ZnS and 15% Py with tr amounts of	
										PbS and As. Pyrite is c.g. subrounded	
										grains concentrated in a bnd at 75.79	
										Similar contact at 75.96-76.01 with a	
										dominant pyritic horizon @76.00-76.01	
										Unit contains ~15% Qte and qtz gangue	
										with minor rounded Ca clasts within	
										the milled M.S.	
76.03	77.86	Qtz-ser phyll (07)	lt grn gy	f.g.	fotd and folded	ser	ZnS, PbS, Py, As		100%	thinly bndd contains ~3% c.g. Ca veins and ~1% qtz veins. The zone is locally highly folded.	<1% ZnS as thin strs that roughly // the foln. and have been folded along
										foln varies highly throughout. f.ax. on minor folds @76.32 is 82°; @77.00 is 86°.	with the foln. @77.50 - 77.59. ZnS forms a v.thin selvage around a grey Cb vein
											<1% py. c.g. diss grains usually associated with qtz veins
											tr As v. small diss grns and thin strs concentrate

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											towards 76.01
											tr PbS. v.small diss grains
											concentrated towards 76.01
77.86	78.16	MS (12)	redish brown	f-c.g.	milled	ser	ZnS,Po,Py As,Cpy	fractured at@78.05	100%	77.86-78.05 is a zone that contains ~30% sulphides as folded horizons and strs in Qtz-ser phyll	77.86-78.05 contains ~15% ZnS (red and dk orange) as m.g. strs with locally intergrown po ~10% po as massive patches intergrown with ZnS ~5% Py c.g. diss throughout sulphide strs -tr Cpy associated with ZnS Po stringers. Small blebs -tr c.g. As
										78.05-77.86-milled texture M.S. ~60% py(60% c.g. rounded grains and fractured euhedra 40% f.g. matrix) ~20% po as a fine grained matrix interfingered with Zn ~10% ZnS (red) as f.g. grains within strs and patches associated with interfingered Po	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										~5% As as rounded grains and	
										as fract. c.g. euhedra	
										~5% ser phyll fragments +minor	
										qtz as a matrix.	
										-contact at 77.86 is conformable &folded	
78.16	80.56	Qtz-ser phyll (07)	lt grn gy	f.g.	fotd & folded	ser	As,Py,ZnS Po		100%	thinly bndd highly folded. Folding is locally ptygmatic f. ax. @79.50 is 60°; @79.12 is 70° in most other regions fold- in is complex and there are local slip surfaces which have displacements up to 1 cm making f.ax. measurements difficult. Qtz veins at 78.35-78.39 cross- cuts foln and is oriented at 30° in the opposing sense to the gen- eral foln. this vein splits into three // veins.	-Tr As as m.g. subhedral grains within thin strs that crudely // folded foln. -Tr py as m.g. subhedral grains in thin py-strs that locally occur with As -tr ZnS as a c.g. bleb within the qtz vein at 78.35-78.39 -tr m.g. po in strs associated with py.
80.56	80.69	Qte (06)	lt gy grn	m.g.	strs	ser	As,Py			Thinly bndd with ~ 2% sulphide a crude foln is oriented @~25° -30°	-20% py as c.g. subhedral in med strs -1% As as diss grains in py strs
80.69	80.91	M.S. (12)	Brassy Brn	m.g.	locally milled		As,ZnS,Py			weakly bndd ~ 40% As both as c.g. subrounded grains and f.g. within the matrix	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										~2% ZnS as a f.g. component of	
										the matrix and as m.g. orange	
										ZnS strs // to bnding. bnding	
										is oriented at ~20°-30° at the	
										contact @80.69 and at 45° at	
										the contact @80.91	
										~15% m.g. py as sub rounded	
										grains and f.g. within the ma-	
										trix of the M.S.	
										-M.S. have a Qtz-ser gangue	
80.91	81.69	Lst	lt gy	f-m.g.	bndd		As, Py		100%	gy bndd Lst becomes coarser	-tr. f.g. As, py as strs
		(03)								grained towards 81.69	close to the contact at 80.91
										-minor graphite on local part-	-Tr c.g. py diss throughout
										ings - minor boudinaged Ca	
										veins, especially near contact	
										at 80.91	
										bnding ranges from 35° to 45°	
81.69	82.13	Lst breccia	Blk with white veins	f.g.-c.g.	breccia		Py		100%	-highly brecciated ~30% Ca	-tr Py as c.g. diss euhedra
		(02)								veins at 70% Graphitic	
										some of the fragments show	
										minor rotation. folding occurs	
										within larger clasts of the	
										Graphite Lst	
										foln at the contact @82.13 is	
										~39°	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
82.13	83.48	Qtz-ser Phyll (07)	lt gy grn	f.g.	fotd.+ veining	ser	Py, As		100%	-thinly bndd. unit contains 15% gy Ca veins(sweats) +~2% qtz veins. Veining locally dis- rupts the foln. foln. ranges from 30-35°. unit is more gra- phitic towards contact @82.13	<1% As as c.g. -f.g. fract grains within strs. between 82.90-83.21 and as minor dis grains and small discontinuou strs. <1% py as fractured c.g. sub- hedra in strs.
83.48	83.67	Ca vein(sweat) (11)	lt gy	c.g.	weakly brecciated		Py		100%	c.g. Ca vein with qtz selvages Locally the vein contains graph- itic material. The vein is cross-cut by smaller veins that have penetrated Ca crystal fragments from the origi- nal vein. These late stages have caused displacement due to dilu- tion within c.g. Ca grains.	-tr diss c.g. py.
83.67	85.08	Lst (02)	med gy	m.g.	bndd sweatouts		Py		100%	-gy banded Lst with~2% cb sweats and tension gashes + a Ca vein @24.02-24.08. folding occurs close to the contact @83.67 which has a f.ax. of 88°. fold limb is cut off by a Ca vein @83.67. from 84.91- 85.08 the Lst is highly graphitic and tightly folded with a f.ax of	tr. c.g. diss py that have been locally cross-cut by Ca veins.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										81°	
										-graphitic zone is highly frac-	
										tured.	
85.08	89.36	Qtz-ser phyll (07)	lt gy grn	f.g.	fotd	ser	Py,As,Po		100%	thinly bndd-interbedded Qte @ 86.05-86.16 and @87.26-87.50 and @88.37-88.67. Ser content is locally high especially near 85.08. Foln ranges from 52° - 57°. Towards 85.08 there is an increase in boudinaged qtz veins.	- Tr py as c.g. euhedra in thin strs. - Tr Po as m.g. masses often associated with Py strs in qtz veins -Tr As as c.g. fract. grains in thin mono- mineralic strs and as a minor component in local py strs.
89.36	90.29	Qte (06)	lt gy grn	f.g.	fotd	ser	As,Py		100%	v. thinly bndd-semi massive clean with v. minor ser on foln planes. foln ranges from 45°-56° -unit contains minor qtz veins.	Tr Py as m.g. fractured grains within thin strs. Tr As. f-m.g. fract grains within thin strs.
90.29	92.23	Qtz-ser Phyll (07)	lt.gy.grn	f.g.	fotd	ser	Py,Pbs,As		100%	thinly bndd.~1% qtz veins. foln are fairly regular except near qtz veins. A large qtz vein occurs at 90.60-90.72. This vein contains	Tr. py as m.g. subhedral grains in thin strs Tr As as f.g. diss euhedr Tr Pbs as f.g. blebs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										minor feldspar foln range from	within the larger qtz veins
										40°-50°	
										-minor interbedded Qte	
										@89.98-90.03 and 90.66-90.69	
92.23	92.64	Qte (06)	lt grn gy	f.g.	fotd	ser	Py,ZnS,Po		100%	thinly bndd with a small inter-bedded Qtz-ser phyll @92.29-92.34. Minor qtz feldspar veins/with qtz feldspar veins that cross cut the foln. vein orientation is at 35° whereas foln is at 48°	- Tr f.g. py in thin discontinuous strs often associated - Tr Zns (red) as thin blebs within qtz veins. - Tr f.g. Po associated with py in qtz-feldspar veins.
92.64	93.33	Ser-qtz phyll (04)	lt gy,grn	f.g.	fotd	ser + minor Chl			100%	thinly bndd -locally siliceous especially close to 92.64.foln. is a fairly constant 45° a minor slip surface near 92.64 has caused minor displacement of the foln. Qtz-Ca veins cross-cut the foln and locally // the above mentioned slip. locally the qtz veins contain feldspar.	- Tr ZnS(red) as thin discontinuous strs // to the foln. -Tr Py as c.g. diss grains -Tr Po as minor smears on foln. planes
93.33	93.60	Qte (06)	lt. gy	f.g.	fotd.	ser + minor chl	ZnS,Po		100%	thinly to weakly bndd foln is very regular and ranges from 38° to 45° -minor ser + tr Chl on foln planes. V. minor qtz feldspar	Tr ZnS occurs as small red blebs within qtz feldspar veins tr po f.g. within thin

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										veins that cross-cut foln.	strs. that x-cut foln. and as
											local smears on foln. planes
93.60	96.03	Chl-Qtz-Ser Phyll (05)	med gy grn	f.g.	fotd	ser+minor Chl	ZnS, Po, Py		100%	thin to med bndd irregular folns. local siliceous zones and some chlorite zones. A small qte bnd occurs @94.28 to 94.33. Zone contains ~1% qtz veins that locally contain minor feldspar. Veins are locally folded. foln @93.70 is 45/ @94.33 is 60°; @94.79 is 45°; @95.60 is 43°	tr ZnS(red) occurs locally with Po in thin discontinuous strs that crudely // stratigraphy tr po occurs in thin discontinuous strs and as local smears on foln. planes tr Py as c.g. diss grains and as blebs and discontinuous strs.
96.03	97.54	Qtz-Chl phyll (06)	lt gy grn	f.g.	fotd	ser+minor Chl	Po, Py, As CPy		85%	thinly bndd-locally contains zones of high ser and/or chlorite concentrations + foln are regular in silica rich zones becoming increasingly irregular with increased ser content. Zone contains ~1% qtz-feldspar veins @97.54.	-tr As f-m.g. fract grains within thin strs locally associated with Po and minor Py -tr Po f.g. masses within strs both in the phyllite and within fractures in the qtz feldspar veins -tr Py as m.g. diss grains and locally concentrated in thin strs - tr Cpy associated with Po in a qtz vein
				End of Hole						END OF HOLE	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47001	63.50	64.50	1.00		100%		1% Po, tr. As + Py	< 0.01	0.01	0.966	1.7	0.4		
47002	64.50	64.56	0.06		100%		60% As	0.18	0.01	22.500	12.3	2.2		
47003	64.56	65.53	0.97		100%		3% ZnS,<1% As, tr. Py	1.42	3.58	0.315	26.4	0.3		
47004	65.53	66.01	0.48		100%		1% ZnS, tr.Po,Py,As	0.21	1.23	0.034	8.6	0.3		
47005	66.01	67.01	1.00		100%		10% ZnS,tr. As,Py, PbS	2.42	14.80	0.013	50.9	0.5		
47006	67.01	68.01	1.00		100%		10% ZnS,tr. As.,Py,Pbs	1.31	8.86	0.006	32.7	0.2		
47007	68.01	69.01	1.00		100%		5% ZnS,<1% Py,tr.PbS,As	2.36	7.94	0.018	55.5	0.4		
47008	69.01	70.00	0.99		100%		5% ZnS,tr. As,PbS, Py	2.24	7.94	0.038	46.8	0.5		
47009	70.00	70.66	0.66		100%		1% ZnS, tr. As., Py	0.21	0.46	0.029	2.6	0.8		
47010	70.66	71.66	1.00		100%		<1% As,Po,Py,tr ZnS,CPy	0.05	0.04	0.585	4.4	0.4		
47011	71.66	72.30	0.64		100%		<1% As,Po,Py, ZnS	0.28	0.30	0.899	7.3	0.2		
47012	72.30	72.73	0.43		100%		1% ZnS,tr. Py, As, Meng	0.19	1.00	0.106	3.7	0.4		
47013	72.73	72.92	0.19		100%		tr Py	0.04	0.07	0.056	1.9	0.2		
47014	72.92	73.13	0.21		100%		tr Po, ZnS, Py	0.03	0.04	0.050	3.0	0.4		
47015	73.13	73.39	0.26		100%		tr ZnS, Py, As	0.02	0.03	0.064	0.3	0.2		
47016	73.39	73.87	0.48		100%		1% ZnS,Py, As.tr Meng	0.04	1.30	1.810	3.0	1.7		
47017	73.87	74.47	0.60		100%		25% As,2% ZnS,3%Py,trMeng	0.84	5.54	7.990	15.4	8.8		
47018	74.47	75.12	0.65		100%		1% As, tr ZnS, Py, Meng	0.30	1.16	3.650	3.8	2.3		
47019	75.12	75.77	0.65		100%		1% As, tr ZnS,Py,Cpy,Meng	0.14	0.57	3.210	3.7	10.0		
47020	75.77	76.03	0.26		100%		50% Py,25% ZnS,trAs,Pbs	6.96	24.00	1.240	126.1	4.7		
47021	76.03	77.11	1.08		100%		<1% ZnS,tr.As,PbS	0.66	0.53	0.372	12.7	0.6		
47022	77.11	77.86	0.75		100%		<1% Py, Tr. ZnS, As	0.08	0.08	0.013	4.8	0.1		
47023	77.86	78.16	0.30		100%		15% ZnS,10% Po,20% Py, 3% As tr CPy	1.06	10.70	0.892	30.8	1.6		
47024	78.16	79.16	1.00		100%		tr As,Py,ZnS, Po	0.08	0.13	0.852	5.5	0.7		
47025	79.16	80.16	1.00		100%		< 1% As, tr Py, ZnS	0.04	0.13	2.470	3.4	1.0		
47026	80.16	80.56	0.40		100%		tr Py, As	0.04	0.02	1.770	2.7	0.9		

DRILL HOLE NO. 84-2

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47027	80.56	80.91	0.35		100%		30% As, 20% Py, 2% ZnS	2.50	2.96	6.120	50.7	11.1		
47028	80.91	81.69	0.78		100%		tr As, Py	0.04	0.05	0.089	0.3	0.3		

DRILL HOLE NO. 84-2

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-3

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: September 7/84	PROJECT: J & L
		COLLAR	+19.69°	041.75°	DATE COMPLETED: September 7/84	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.800	LOCATION: 10,500 E
					NORTHING: 10,018.576	crosscut
					EASTING: 10,500.290	
					AZIMUTH: 042°	
					DEPTH: 15.24 m	DATE LOGGED: September 8, 1984
HOLE TYPE D.D.H.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	C.R.%	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.44	Qtz-Chl Phyll to dirty Qte (06)	lt grn to gy	f.g.	fotd		Po		91	foln 72°	3% Po strs & f.f. mostly along foln
										minor qtz(± feld)veinlets	
										grading towards a sil Qtz-Ser	
0.44	0.94	Lst (03)	lt gy	m.g.	bndd		As,Py,Po		100	-minor qtz grains(m.g.)	tr As,Po, & Py grains
										recrystallized;bndd 82°	
										qtz in chaotic area with	
										coarser calcite	
										30% argl-bnds (up to 1 cm)	
0.94	4.36	Lst (02)	gy	m.g.	bndd chaotic		Py,Po,ZnS		100	-irreg calcite sweatouts(7%)	∧1% Py subhedral to euhedral
										with lt to gy qtz grains (m.g.)	tr Po patches with Py mostly
										a few narrow more argl.bnds	tr ZnS m.g. str + grains at
										(up to 3 cm wide)	at 3.60 m
										minor c.g. qtz patches	-most sulphs within argl bnds
										minor silicification;bnds 72°	
										lighter than '02' in drift	
4.36	4.89	Lst (03)	lt gy	m.g.	bndd		Py,Po		85	narrow wispy ser bnds(1 mm)	< 1% Py grains (f.g. - m.g.)
										increase in ser towards end	≪1% Po strs found with ser.
										of unit. bnds 70°.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-3

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	C.R.%	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC.)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										contact 71° (slip)	
										narrow calcite + qtz bands	
										(up to 1 cm wide)	
4.89	5.58	Ser -Qtz Phyll	lt gy	f.g.	fotd		Po		100	foln 67° - 75°. minor cb f.f.	2% Po strs + f.f. (along foln)
		(04)								minor qtz (± feld) veinlets	
										& patches (brecciated). slip at	
										contact	
5.58	6.78	Lst	lt gy	m.g.	bndd		Po,Py		100	c.g. calc-qtz patches + veinlets	1% Py f.g.-m.g. tr Po f.g.
		(03)								some appear as tension gashes	mostly with ser.
										(parallel to c.a.)	
										minor wispy ser. concens (1-2%)	
										brecciated gy argl (f.g.) bnds	
										bnds 68°-70°	
										unit appears shrd & recryst	
6.78	8.59	Lst	gy to dk gy	m.g.	bndd		Py,Po		100	narrow calcite-qtz bands	1% Py (f.g. - m.g.)
		(02)								bands 65-69°	tr Po strs
										minor dk gy, f.g. argl bnds	
										-appears that some calcite-qtz	
										bands are infilling small faults	
										-tension gashes (discontinuous)	
										which are roughly parallel to c.a.	
										& offset ≈ 2-7 cm. less calcite-	
										qtz + more leuco towards contact	
8.59	8.83	Lst	v.lt gy	m.g.	bndd				100	10% v. narrow (up to 1 mm) ser	
		(03)								bnds. minor calcite-qtz lenses &	
										veinlets. bnds 72-74°. Slip at contact.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-3

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	C.R.	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
8.83	9.44	Qtz-Ser Phyll (07)	Lt. gy	f.g.	fotd		Po,Py		100	isoclinal (85°) folding minor qtz lenses (up to 4 cm wide) ± feld. foln 78°; shrd. minor slip at 9.29 m	1% Po patches + f.f. 1% Py patches with the Po
9.44	15.24	Chl-Qtz Phyll (05)	grn	f.g.	fotd		Po,Py		100	shrd. minor qtz + bull qtz lenses. foln 61°-70° -at 9.79-10.37 m more sil with numerous qtz (± feld) lenses + v. narrow ser bnds - at 13.47-13.50 m dirty Qtzite -at 13.62 m isoclinal folding before qtz-feld vein which has also been folded (ser bnds) (Plunge 85° to c.a.) - some of feld alt to ser. at 10.98-11.00 m broken core at 13.29 small slip(1 mm gouge) (kink folds before slip) -at 14.38-14.59 m. large qtz veins(up to 5.5 cm wide) + ser bands + feld grains (f.g.-c.g.) & sulph f.f. & chl.	2% Po strs, f.f.+patches 1% Py (f.g.-m.g.) most assoc. with qtz lenses

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-3

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										(feld grains are brecc)	-at 14.38-14.59 v. minor
										bull & gy qtz	CPy in qtz vein with Po
										foln near end 72^{o}-75^{o}	+ Py
										-END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: Sept 8/84; Sept 16/84	PROJECT: J & L
		COLLAR	- 89.5°	232.09°	DATE COMPLETED: Sept 10/84; Sept 17/84	N.T.S.: 82M/8E
		30.48 m	- 87.5°	222°	COLLAR ELEV.: 837.495	LOCATION: 10,670E Crosscut
		60.96 m	- 86.5°	222°	NORTHING: 9,990.536	
		91.44 m	- 85.2°	224°	EASTING: 10,669.767	
		117.96 m	- 84°	222°	AZIMUTH: 222°	
					DEPTH: 119.48 m	DATE LOGGED: September 9, 1984
HOLE TYPE DDH					CORE SIZE: B.Q.	LOGGED BY: N.H.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	1.40	chl-phyll	dk gy	f.g.	fotd.	chl	po	highly	6%	thinly bndd, highly	tr po as smears on
		(05)	grn					fract		foliated and fractured, too	foln planes, and as
										highly fractured to measure	thin discontinuous strs.
										foln.	
1.40	14.01	chl-ser phyll	med gy	f.g.	fotd.	chl+ser	po, py		100%	thinly bndd - unit contains	- tr po as thin strs and
		(05)	grn							small Qte horizons @ 4.00 -	as smears on foln planes
										4.14, 6.92 - 7.00, 8.39 - 8.46, -	locally as blebs within
										9.37 - 9.50 these units are	qtz veins.
										light gy and med bndd with	tr py as m.g.
										ser + chl on foln planes	diss grains.
										qtz veins that locally contain	
										feldspar account for ~1% of the	
										unit.	
										Larger qtz veins occur @ 4.67 -	
										4.87, 5.01 - 5.09, 5.61 - 5.68,	
										6.03 - 6.13. These qtz veins	
										contain minor light grn chlorite	
										and white ser.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Foln are regular except in	
										close proximity to the	
										qtz veins.	
										- foln is fairly constant	
										throughout ranging from 38° to	
										45°.	
										small kink folds were	
										observed at 12.86	
										with f.ax at 78°.	
14.01	15.57	Qte	lt gy	m.g.	fotd.	ser	po, py		~100%	locally thinly bndd and	- tr po as diss grains
		(06)								locally semi massive - minor	and smears as foln planes
										interbedded serphyll @ 14.04-	- tr po as diss grains
										14.18, and 14.87 - 15.50	and smears on foln. planes
										foln ranges from 38°-45°	
										with ser on foln planes.	
15.57	15.74	Ser phyll	lt gy	f.g.	fotd.	ser+clay	As, po,		100%	thinly bndd with fault	- tr f.g. As associated
		(04)					py			gouge @ 14.57 - 14.58	with po in strs assoc-
										c.b. f.f. - fault gouge is	iated with feldspar veins
										mod. calcareous minor qtz-	- tr f.g. Po in strs
										feldspar veins that roughly	associated with feldspar
										parallel the foln.	veins and as smears on
										Foln is roughly 38°.	foln. planes.
											- tr diss f.g. py.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
15.74	16.90	chl-ser phyll	med gy	f.g.	fotd.	chl+ser	po, py		100%	thinly bndd ~2% qtz	tr po as thin discontin-
		(05)	grn							veins that contain minor	uous strs associated with
										c.g. feldspar; foln are	qtz veins and as diss
										generally highly regular	grains and smears on foln
										except in the vicinity of	planes.
										qtz veins.	
										foln ranges from 38^{o}-40^{o}.	
										qtz veins crudely parallel	
										the foln.	
16.90	19.53	chl-phyll	med gy	f.g.	fotd.	chl+minor ser	py, po, As		100%	thinly bndd - locally the	- tr po as smears on foln
		(05)	grn							unit contain sericitic zones	planes.
										@ 17.56 - 17.67. The unit	- tr As as f.g. diss grains
										contains ~1% qtz veins that	distributed sparsely
										locally contain minor feldspar	throughout.
										and light green chlorite.	- tr py m-c.g. as thin
										foln. ranges from 38^{o}-45^{o}	discontinuous strs
										The unit contains < 1% qtz	associated with qtz-feld-
										veins that locally contain	spar veins, and as diss
										minor c.g. feldspar. Veins	grains throughout.
										locally parallel the foln.	
										and in other localities the	
										veins have been folded with	
										a f.ax of 56^{o}.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
19.53	26.19	chl-ser phyll (05)	med gy grn	f.g.	fotd.	chl+ser	py, po		100%	- unit contains small inter-bndd Qte, Qtz-chl phyll, and ser phyll. - Qtz-chl phyll occurs @ 19.53-19.60, 19.76-19.80, 19.96-20.02, 20.38-20.46, 20.77-20.82, 22.09-22.17, 22.51-22.59, 22.72-22.77, 24.72-24.76, 26.11-26.15 Qte occurs @ 21.45-21.51 and 25.62-25.81. The remainder of the unit is thinly bndd with ser content varying throughout. Foln. ranges from 43^{o}-48^{o} and are highly regular throughout. Qtz veins occur locally within the zone. These veins locally contain c.g. feldspar. Larger veins occur @ 19.86-19.90, 20.57-20.65, 22.20-22.31, 23.91-24.01, and 25.31-25.42. The qtz veins tend to occur in ser rich regions.	tr po as m.g. diss grns and smears on foln planes. Locally as blebs associated with Qtz-feldspar veins. tr py as c.g. diss blebs and as thin strs associated with po and qtz veins.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Qtz-feldspar veins parallel	
										and x-cut the foln @ 25.75	
										the veins are at 32°.	
										Locally the veins contain lt	
										grn chl.	
26.19	26.32	Qte	lt gy	m.g.	fotd.	ser+minor	po		100%	thinly bndd and locally	- tr po as smears on
		(06)	grn			chl				weakly folded. Both contacts	foln planes.
										have a high ser content. Foln	
										ranges from 50°-53°.	
										Minor x-cutting qtz-feldspar	
										vein at an orientation of 30°.	
26.32	26.58	Lst	lt gy	m.g.	fotd.	minor ser			100%	weakly bndd with minor ser	- barren of any sulphide.
		(03)				+qtz				on foln planes.	
										Foln ranges from 44° to 48°.	
26.58	40.02	Lst	med gy	m.g.	bndd	qtz	py, po		100%	Gy bndd Lst with localargilliceous	- tr py as f.g.
		(02)								(up to 3 cm wide) horizons and ca	diss grains
										sweats and veins that locally contain	throughout and as
										qtz+feldspar. Lst is locally weakly	f.g. blebs in ca
										brecciated in and proximal to ca sweats	qtz veins.
										ca sweats+ca-qtz veins account for	
										~5% of the unit. Veins are locally	- tr po as smears
										folded into ptygmatic folds. > 50% of	on foln planes
										the veins parallel the foln.	and as f.g. blebs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Foln ranges from 38°-50°	in ca-qtz veins.
										throughout the zone with	
										no apparent trend.	
										- veining appears to diminish	
										near the centre of the unit.	
40.02	40.35	Lst	lt gy	m.g.	weakly bndd	ser+qtz	py, As		100%	med bndd with lt grn ser bnds.	~1% As as v.c.g. fract
		(03)								locally mod silicified.	euhedra within a qtz-
										Foln throughout is 48°	feldspar vein.
										qtz-feldspar vein occurs	~1% py as v.c.g. fract
										@ 39.14 - 39.18 which contains	euhdera within a qtz-
										c.g. As+py.	feldspar vein.
40.35	40.67	Qte+ser phyll	lt gy	f.g.	fotd.	ser+minor chl	py, po		100%	Interbdd Qte with ser phyll	- tr po as m.g. flattened
		(06) + (04)								equal quantities of both	diss grains and as f.g.
										irregular foln especially	thin discontinuous strs.
										close to qtz veins. Zone	
										contains ~10% qtz veins	- tr py as f.g. euhedra
										that are locally folded	in thin strs associated
										foln ~48°	with po.
										veins contain minor feldspar.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
40.67	41.43	Ser-Qtz phyll (04)	med gy - grn	f.g.	fotd.	ser+ minor chl	po, py, Zns		100%	thinly bndd with minor - interbedded Qte @ 40.93 - 41.01. foln are locally irregular especially near qtz veins - minor qtz-feldspar veins. foln ranges from 38° near 40.67 to 45° near 41.43.	- tr Zns is one thin str @ 41.15 dk red. - tr po as thin strs throughout the zone. - tr py as m.g. grains in strs associated with po.
41.43	41.86	Qte+ ser phyll (06) + (04)	lt grn - gy	f.g.	fotd.	ser	cpy, po, py, As	mod fract	100%	Interbedded Qte with ser phyll. - zone is locally highly fractured - measurable foln. is ~35° foln are fairly irregular.	- <1% po as m.g. flattened diss grains and as f.g. components in thin strs associated with py and As. - Tr As as c.g. fract sub-hedra in strs associated with f.g. po. - Tr py f.g. component locally within po strs. - Tr cpy v.local as f.g. blebs within po strs.
41.86	42.35	Ser-Qtz phyll (04)	med gy - grn	f.g.	fotd.	ser+ minor chl	po, py, As		100%	thinly bndd. < 1% qtz-feldspar veins. foln are irregular but faint and range from 35° to 45° with veins ranging	- Tr po f-m.g. blebs and thin irregular strs that crudely parallel both the foln and locally the veining.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										from 25°-35°.	- Tr py m.g. associated
											with po in thin strs.
											- Tr As m.g. associated
											with py+po in strs
											especially near 41.86.
42.35	42.60	Qte	lt gy -	f.g.	fotd.	ser+chl	py, po		100%	- minor interbedded ser phyll	- tr py as c.g. diss
		(06)	grn							@ 42.49 - 42.53.	euhedral grains concentra-
										- Qte is semi-massive with	ted within the ser phyll
										irregular weakly developed	- tr po as m.g. blebs
										foln.	within the ser phyll and
											as f.g. diss grns within
											the Qte.
42.60	44.70	Ser-qtz phyll	med gy -	f.g.	fotd.	ser+	py, po		100%	thin to med bndd, mod regular	- tr py c.g. diss subhedral
		(04)	grn			minor chl				foln which is disrupted by	grains throughout the
										local qtz-feldspar veins.	phyllite.
										foln ranges from 35° to 40°	
										locally highly siliceous with	- tr po m.g. thin discon-
										a minor chl content. < 1% qtz	tinuous strs that x-cut
										veins that locally contain	the foln. and locally
										feldspar.	contain py.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
44.70	45.26	Qtz-chl-ser phyll (06)	med grn-gy	f-m.g.	fotd.	chl+ser	py, po		100%	V.thinly bndd; qtz content variable throughout. foln. mod regular. Foln ranges from 35°-40°. Very minor qtz veins.	- tr py c.g. subhedral diss grains. - tr po f.g. diss grains and smears on foln. planes.
45.26	46.72	Qtz-ser-chl phyll (07)	med. grn-gy	f.g.	fotd.	ser+chl	py, po		100%	thin to med bndd; slightly irregular foln with small scale crenulations. foln is disrupted in the vicinity of qtz veins which occur @ 46.15 - 46.20, 46.32 - 46.35. locally the qtz veins contain minor c.g. feldspar and f.g. light grn chl.	- tr py c.g. subhedral diss grains. - tr po f.g. diss grains and v.thin discontinuous strs.
46.72	47.10	Ser phyll (04)	med. gy - grn	f.g.	fotd.	ser+ minor chl	po		+100%	V.thinly bndd - unit contains a large interfingering qtz veins @ 46.72 - 46.88 that contains minor f.g. lt grn chl + a dk grn-blk mica?	- <1% po as f.g. masses within the qtz veins and fractures at the vein contacts.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
47.10	47.37	Qtz vein (13)	wh-gy	c.g.	vein	ser+ minor chl	As, Zns		100%	Qtz vein contains ~15% ser phyll frags and ~2% c.g. feldspar. Between 47.10 and 47.30 is a discontinuous band that contains ~60% As in a qtz matrix. The vein contains tr amounts of lt green chl + a dk grn-blk mica.	~ 3% As c.g. fract subhedra concentrated in a discontinuous band @ 47.10 - 47.30. - tr Zns as small red blebs within the above mentioned band.
47.37	48.75	Ser-Qtz phyll (04)	med gy - grn	f.g.	fotd.	ser+ minor chl	po, As, py		100%	thinly bndd with interbedded Qtz-ser phyll @ 47.47- 47.48, 47.63-47.84. These units are lighter gy than the surrounding phyllites. foln are fairly regular except @ 48.35-48.43 where foln have been disrupted by a qtz vein which contains minor c.g. fract feldspars foln are fairly constant 30° except near qtz vein.	- tr po f.g. thin strs that x-cut foln and are often associated with thin qtz-feldspar veins and locally with c.g. As. - tr As c.g. fractured subhedra in thin strs associated with po. - tr py f.g. associated with po in thin strs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
48.75	50.86	chl phyll	med-dk	f.g.	fotd.	chl+	po, py		100%	V.thinly bndd minor inter-	- tr po thin strs that
		(05)	gy-grn			minor ser				bndd Qtz-chl phyll @ 49.73-	parallel the foliation and
										49.79 and 50.35-50.48.<1%	diss grains that are
										qtz veins with minor c.g.	locally smeared on foln
										feldspar. These veins	planes.
										parallel and crosscut the	- tr py m.g. subhedral diss
										foliation. Zone is mod.	grains within po strs and
										fractured @ 50.45-50.48	throughout the phyllite.
										foln ranges from 30^{o}-35^{o}	po and py are locally in
										and is fairly regular.	small blebs within qtz
											veins.
50.86	51.90	chl-ser phyll	med-dk	f.g.	fotd.	chl+ser	po, py		100%	V.thinly bndd - unit con-	- <1% po thin strs that
		(05)	gy-grn							tains a small unit of Qtz-	roughly parallel the foln.
										ser phyll @ 51.72 - 51.82.	these strs are locally
										The main zone contains~1%	associated with qtz-
										Qtz vein with one large vein	feldspar veins. Locally
										@ 81.07 - 81.17 which con-	po occurs as f.g. diss grns
										tains minor c.g. feldspar and	that have been smeared on
										f.g. lt grn chl	the foln planes.
										foln is regular except near	
										the above mentioned qtz vein	- tr py c.g. subhedra
										foln range from 35^{o}-38^{o}.	associated with po strs
											and as diss grains.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
51.90	53.63	chl phyll	dk grn -	f.g.	fotd.	chl+	po, py		100%	V.thinly bndd - minor inter-	- tr po as v.thin strs
		(05)	gy			minor ser				bedded ser phyll @ 53.01-	that crudely parallels the
										53.08 - minor interbedded	foln and as diss grains
										Qte @ 53.61-53.63.	in the phyllite and the
										The zone contains < 1% qtz	qtz veins. locally the
										vein with minor feldspar.	diss grains have been
										two larger qtz veins occur	smeared on foln planes.
										@ 52.47-52.49 and 52.57-	
										52.62 - veins crudely	- tr py m-c.g. diss sub-
										parallel foln.	hedra throughout and
										foln is regular throughout	locally associated with
										the unit except v.locally	po strs and qtz veins.
										around the above mentioned	
										qtz veins and locally where	
										there are minor open folds.	
										foln ranges from 36^{o}-45^{o}	
										with a weak trend of in-	
										creasing foln towards the	
										centre of the zone.	
53.63	56.03	chl-ser phyll	med gy -	f.g.	fotd.	chl+ser	po, py,		100%	thinly bndd. locally	< 1% As c.g. fract subhedra
		(05)	grn				As			irregular foln which is	in strs with interstitial
										often associated with qtz	Po. These strs occur
										veins ~ 1% qtz veins that	between 53.63 and 53.87.
										locally tr amounts of m.g.	< 1% po as thin strs that
										feldspar and minor light	crudely parallel foln.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										grn chl.larger qtz veins	locally the strs occur
										occur @ 55.00-55.04 (folded),	associated with qtz veins.
										55.16-55.19, 55.61-55.64, and	po also occurs inter-
										two v.white veins @ 55.88-	stitially in As strs and
										55.90 and 55.97-56.03.	as an irregular mass with-
										qtz veins are folded and	in the qtz vein at 55.97-
										boudinaged and locally con-	56.03.
										tain up to 60% feldspar.	- tr py m.g. diss grains
										foln. ranges from 35^{o}-45^{o}.	throughout and associated
											with po mass within the
											qtz vein at 5.97-56.03.
56.03	58.14	chl phyll	dk grn -	f.g.	fotd.	chl+	po, py,	locally	100%	Thinly bndd - highly fract.	- tr py c.g. subhedra diss
		(05)	gy			minor ser	As	highly fract.		between 56.71-57.66 with	within phyllites assoc-
										minor fault gouge @ 56.71-	iated with the qtz vein
										56.74.	@ 57.51-57.33.
										<1% qtz veins with c.g.	
										fract. feldspar + minor	- tr As c.g. diss grains
										lt grn chl.	associated with py and qtz
										two mod Qtz veins occur	veins.
										@ 56.65-56.70 and 57.51-	
										57.53.	- tr po as flattened diss
										foln are fairly irregular	grains and smears on foln
										with zones that the chl is	planes.
										aligned subparallel to the	
										core axis.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										foln are locally folded with	
										small scale discontinuous	
										folds @ 56.29	
										foln are ~40°-45°.	
58.14	59.12	Qtz vein	white	c.g.	vein	ser-chl	py, po		100%	qtz vein contain -	- tr py as c.g. subhedra
		(13)								~ 15% chl-ser phyll	localized in strs and blebs
										~ 5% v.c.g. feldspar	within the qtz vein.
										~ tr lt grn chl	
										contacts at both ends	- tr po within thin strs
										are discordant with	often associated with py
										the foln.	and appear to follow
										Ser phyll occurs @ 58.22-	fractures within the qtz
										58.28.	vein.
										feldspar is concentrated	
										near the phyll and occurs as	
										white to creamy white v.c.g.	
										fractured subhedra in feldspar	
										strs and as diss grains within	
										the qtz veins.	
										locally the feldspars are	
										being replaced by sericite	
										feldspar strs appear to	
										follow fractures within the	
										qtz.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
59.12	67.08	chl-Qtz phyll	med gy -	f.g.	fotd.	chl+	po, py	locally	100%	thinly bndd with minor	- tr py c.g. diss
		(05)	grn			minor ser +minor		fract		interbndd chl-ser phyll and	subhedra distributed
						plag				chloritic Qte and Qtz-chl	throughout and locally
										phyll. Qte occurs @ 60.75-	within strs associated
										60.84, 60.96-61.14, 63.68-	with po.
										63.84.	
										Qtz-chl phyll occurs @	- tr po in thin strs and
										66.86-66.94.	flattened grains
										Chl-ser phyll occurs @	parallel to foln and
										60.84-60.96.	locally as smears on
										Zone contains ~1% qtz veins	foln planes.
										concentrated near the middle.	
										Qtz-veins contains tr feldspar.	
										There are also very minor feld-	
										spar blebs and strs within the	
										phyllite, plag occurs locally	
										as m.g. diss grains (alteration).	
										foln are regular except near qtz	
										veins and in local folded regions.	
										foln range from 28^{o}-48^{o} with no	
										apparent trends of varying foln.	
										f-a.x. @ 64.90 is 83^{o}.	
67.08	69.01	Qtz-chl phyll	dk grn	f.g.	fotd.	chl, plag	po, py		100%	thinly bndd - variable chl and	- tr py c.g. diss subhedra
		(06)								qtz content with minor interbndd.	and as m.g. diss grains.
										Chl-Qtz phyll @ 68.27-68.41	within qtz-feldspar veins

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										zone contains tr amounts of	
										qtz+feldspar veins that crudely	- tr po as flattened diss
										parallel the foln and locally	grains and smears on
										crosscut the foln at a low	foln planes.
										angle.	
									*	Plagioclase occurs locally	
										within the zone and between	
										67.79 and 68.78 plagioclase	
										attains a concentration of	
										~20%. Plag occurs as m.g.	
										diss grains that appear to	
										be secondary and due to	
										alteration, plag is creamy	
										white and imparts a yellowish	
										tinge to the core.	
										Plag is concentrated in thin	
										local bnds that x-cut the	
										foln at a low angle that is	
										the orientation of an earlier	
										metamorphic fabric that is	
										visible @ 67.82-67.86 and	
										is disrupted by the younger	
										foln. that is pervasive	
										throughout the unit.	
										Foln range from 38^{o}-45^{o}.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
69.01	76.31	Chl-Qtz phyll (05)	med grn-gy	f.g.	fotd.	chl+ minor ser+ plag	po, py		100%	thinly bndd with variable ser+qtz contents. Minor interbndd Qtz-chl phyll @ 72.53-72.68, 74.73-74.75, 74.83-74.88. unit contains ~2% qtz veins that are locally folded and locally contain minor lt grn chl+feldspar. The unit locally contains m.g. diss plag in tr amounts. Larger qtz veins occur @ 69.57-69.76, 73.95-74.03, 74.33-74.42, 74.47-74.50, 74.92-74.94, 75.33-75.36, 75.44-75.53, 76.26-76.31. These intervals may contain up to 50% wall rock and up to 20% feldspar. Foln are regular throughout except in zones associated with qtz veins when the chl has been displaced and has locally been aligned parallel to the core axis.	<1% m.g.-c.g. diss subhedral and euhedral grains locally concentrated in thin strs and blebs often associated with qtz veins. - tr po dominantly as small blebs within qtz veins associated with py.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Foln ranges from 40^{o}-50^{o}	
										with a mode of 45^{o}.	
										Mini crenulations can be	
										observed locally on foln	
										planes.	
76.31	77.78	Qtz-chl phyll	lt grn -	f.g.	fotd.	chl +	py, po		100%	thinly bndd locally contains	- tr py as c.g. diss
		(06)	gy			minor plag				minor qtz-feldspar veins	subhedral grains through-
										that are locally folded and	out.
										x-cut the foln.	- tr po as small flattened
										Two foln are visible -	diss grains.
										one is an older metamorphic	
										fabric that is now cut and	
										displaced by the newer more	
										prominant foln.	
										Foln is 60^{o}.	
										Zone contains minor m.g.	
										plagioclase diss throughout.	
77.78	83.12	chl-ser-Qtz phyll	med grn -	f.g.	fotd.	chl+ser	py, po,		100%	thinly bndd ranging from	- tr py as m-c.g. subhedra
		(05)	gy				As			f.g. to ultra f.g.	in thin strs parallel to
										locally the phyllite has	foln and as diss grains
										a negligible qtz content.	throughout. Locally py is
										Zone contains ~1% qtz	associated with As and
										veins that locally contain	po in strs.
										minor feldspar.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										The zone locally contains a small ser phyll band @ 83.00-83.16. Foln is fairly regular throughout except in folded zones and in zones associated with qtz veins. Foln ranges from 45°-55°.	- tr As as c.g. subhedra in strs associated with qtz and feldspar and locally with py and po prominant As strs occurs @ 80.01-80.02, 82.08-82.09. - tr po as thin irregular strs and within As+py strs. Po also occurs as m.g. flattened diss grains and smears on foln. planes.
83.12	83.30	Qtz-chl phyll (06)	lt med grn	f.g.	fotd. folded	chl+ minor plag	py		100%	thinly bndd folded folns folding is too small scale to obtain f-a.x. measurement. Zone contains minor feldspar veins (~1 mm wide). The zone also contains tr amounts of f-m.g. diss plagioclase (probably as an alteration product). Foln that is well developed in surrounding rocks is weakly developed and slightly disrupts the folded foln observed.	- tr py as c.g. euhedra within a stringer that is parallel to the feldspar veins with an orientation of 43°.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
83.30	86.64	chl-ser phyll (05)	med grn - gy	f.g.	fotd.	chl+ser	py, po		100%	thinly bndd with locally highly irregular foln especially in heavily veined regions. Unit contains ~5% qtz veins that locally contain lt grn chl+c.g. feldspar. Unit locally contains minor interbndd Qtz-chl phyll @ 83.47-83.52, 85.70-85.74, 86.20-86.24, 86.33-86.38. Folding is too discontinuous to measure any f-a.x. Foln in less fotd regions is ~ 56°.	- tr py as c.g. euhedra and subhedra diss throughout and concentrated in thin strs often associated with feldspar veins and locally with po. - tr po as irregular strs and blebs within qtz veins and locally within the phyllite.

MINERALIZED ZONE

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
86.64	87.56	Ser-Qtz phyll	lt gy -	f.g.	fotd	ser+	py, po		100%	mottled with irregular foln.	- tr po as thin strs that
		(04)	grn			minor chl				contains minor qtz veins which	crudely parallel foln.
										locally contain minor c.g.	- tr py associated with
										feldspar. The veins cross-	po strs.
										cut the foln. Foln ranges	
										from 40^{o}-45^{o}.	
87.56	89.08	Ser phyll	lt gy -	f.g.	shrd	ser±chl	py, po,		100%	mottled with irregular foln -	-~1% py m-c.g. fract
		(04)	grn				As			contains~20% qtz veins that	subhedra within med
										are folded and contain minor	strs associated with po -
										feldspar - folding is too	prominent strs are at
										hectic to get any f-a.x.	87.56-87.58, 87.92-
										measurements. Foln range	87.95, 88.08-88.11 and
										from 40^{o}-45^{o}.	a pyritic zone at the
										Foln at contact with M.S. @	M.S. contact @ 89.07-
										89.09 is 45^{o}.	87.95.
											-~1% po irregular masses
											and strs that crudely
											parallel the foln and
											as a matrix in py strs.
											- tr As m.g. subhedral
											grains in po, py strs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
89.09	90.79	M.S.	brassy	c.g. frags	milled		pbs, py,		100%	70% py	
		(12)	brown	f.g. matrix			As, Zns			25% As	
										2% Zns	
										1% Qtz blebs	
										1-2% qtz gangue	
										The zone is a continuous zone of milled texture m.s.	
										that contains ~40% c.g. rounded py grains and ~5% c.g.	
										rounded As grains within a f.g. matrix of ~30% py, ~20%	
										As, ~2% Zns. Locally between 90.17 and 90.35 Zns has been	
										remobilized into thin Zns strs. This same zone contains	
										~5% wt qtz blebs. Tr pbs occurs as m.g. blebs within the	
										qtz blebs.	
										The contact at 89.08 contains remobilized Zns strs and c.g.	
										fract. As within a qtz gangue. Contact is @ ~42°.	
										The contact @ 90.79 is gradational into a zone of M.S. with	
										decreased py and increased As and Zns.	
90.79	90.92	M.S.	mauve	f.g.	milled	minor ser	As, Zns,		100%	75% As	
		(12)					py			15% Zns	
										3% py	
										2% ser phyll frags (locally ser phyll frags contain Zns that stop abruptly at contact with M.S.)	
										5% Qtz blebs	
										f.g. milled M.S. with ~3% c.g. rounded py grains and ~1%	
										m.g. rounded As grains with ~2% ser phyll and 5% Qtz as	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										rounded frags within a f.g. matrix composed of 80% As and	
										20% Zns.	
										Locally Zns has been remobilized in local areas associated	
										with rounded qtz blebs.	
										Contact @ 90.79 is gradational as described above.	
										Contact @ 90.92 is at 50° and is fairly abrupt with f.g.	
										As rich M.S. on the upper side at m.g. Zns rich stringer	
										massive sulphide on the lower side.	
90.92	91.01	M.S.	red brn	m.g.	lace work	minor ser	Zns, As		100%	50% Zns	
		(12)					py			tr As	
										tr py	
										15% ser phyll frags	
										35% qtz gangue	
										- Zns lacework that engulfs and locally penetrates	
										phylitic frags. Zns is dk orange-red.	
										- As occurs within the zone as f.g. diss grains	
										concentrated near the contacts @ 90.92 and 91.01.	
										- Py occurs as f.g. diss grains also concentrated near	
										the contacts.	
										- Contact @ 90.92 is abrupt as described above.	
										- Contact @ 91.01 is gradational, grading downwards into	
										a lower concentration of Sulphides with a decrease in	
										Zns and an increase in As+py.	
										Contact is @~40°.	
										- Locally Zns strs appear to be folded with the ser phyll frag	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
91.01	92.54	Ser-Qtz phyll	lt grn-	f.g.	fotd.	ser+	Zns, As,		100%	thinly bndd with locally	~3% Zns
		(04)	gy			minor chl	py			siliceous zones and ser phyll	>1% py
										zones. Unit contains ~5%	<1% As
										sulphides.	
										Zone contains ~2% qtz veins	- Zns occur as thin, red,
										that locally contain minor	irregular strs that
										feldspar.	crudely parallel the
										Foln are locally irregular	foln.
										and in local zones have been	- Locally Zns strs x-cut
										displaced by minor slips.	Qtz-veins.
										Locally the zone appears to	- Zns strs often contain
										be highly folded with small	tr diss f.g. As.
										scale kink folds.	- Py occurs as c.g.
										Foln ranges from 45^{o}-65^{o}.	subhedra within thin py
										Zone was continued to 92.54	strs and as diss grains
										to incorporate all the Zns	throughout the unit.
										strs.	
											As occurs as f.g.-m.g.
											subhedra diss within Zns
											and Py strs and as diss
											grains within the ser-qtz
											phyll.
92.54	97.54	Ser-Qtz phyll	lt med	f.g.	fotd.	ser+	As, py,		100%	thinly bndd locally siliceous	- <1% As c.g. fract
		(04)		gy-grn		minor chl	po			contains 1% qtz veins that	subhedra within thin
										locally contain minor feldspar.	stra that crudely

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Generally foln are fairly	parallel the foln.
										regular but are locally irreg-	Prominent As strs occur
										ular within zones of high ser	@ 94.10-94.13, 94.98-95.00,
										content and in areas associated	95.08-95.10. As strs have
										with qtz veins.	a qtz gangue.
										Foln ranges from 38°-45°.	- <1% po in thin strs
										Small kink folds occur @	often associated with
										96.50 with f-a.x. of 44°.	qtz veins and locally
											with As strs. Po also
											occurs as diss grains
											and smears on foln.
											planes.
											- tr py occurs as c.g.
											subhedra within qtz veins
											and as diss m.g. through-
											out the phyllite.
											- mineralization decreases
											past 95.90 with po strs
											being the main mineral-
											ization.
										(hole was extended - continued next page)	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
97.54	103.41	Qtz-ser phyll	med gy -	f.g.	fotd.	ser	As, po,		98%	thinly bndd foln is fairly	- 1% po, < 1% As, tr py,
		(07)	grn				py, Zns			regular throughout the unit	tr Zns.
										foln ranges from 37^{o}-47^{o}.	- po occurs as thin-med
										The unit contains ~ 1% qtz	irregular locally discon-
										veins that v.locally contain	tinuous strs and locally
										minor feldspar.	as irregular masses within
										Small kink folds disrupt the	qtz veins.
										foln locally and have f-a.x.	- As occurs as c.g. fractured
										of 34^{o}-46^{o} and axial planes	subhedra within med bnds
										6^{o}-15^{o}.	associated with qtz and
											locally with py+Zns.
											These bnds occur @ 97.98-
											98.02 and 98.35-98.38.
											- py occurs as m.g. subhedra
											within po strs and locally
											associated with As bnds.
											- Zns occurs as red m.g.
											irregular masses associated
											with the As band @ 97.98-
											98.02.
103.41	104.01	Ser-phyll	lt-med	f.g.	fotd.	ser+clay	po	highly	45%	- fault zone within thinly	- 1% po as thin strs
(actual length = ~~0.32 m~~)		(04)	gy					fract		bndd pyll. Shearing appears	and smears on foln and
										to have been localized along	slip surfaces.
										foln planes.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
104.01	106.20	Ser phyll (04)	lt grn - gy	f.g.	fotd.	ser	po, py, As, Zns	locally weakly fractured	96%	thinly bndd - foln is mod irregular with increasing regularity towards 106.20 corresponding to an increased qtz component within the phyll and a decreasing qtz vein content. Foln ranges from 37°-45°. The unit contains ~3% qtz veins that crudely parallel and locally disrupt the foln.	~2% py, 1% As, tr po, tr Zns. - py occurs as m-c.g. subhedra in thin-med strs associated with qtz and locally with Zns and As and v.locally with po strs. - As occurs as c.g. fract subhedra in a bnd associated with qtz @ 105.83-105.92 and as a minor component in py+Zns strs bnds and strs crudely parallel the foln. - po occurs in thin strs that crudely parallel the foln. - Zns occurs as dk orange-red interstiatial masses and strs within py strs concentrated between 105.32 and 105.59.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
106.20	108.02	Qtz-Chl-Ser phyll (06)	med-dk gy-grn	f.g.	fotd.	ser+chl	po, py, Zns		100%	thinly bndd - mod regular foln throughout foln ranges from 40°-45° Unit is locally highly siliceous. The unit contains minor boudinaged qtz veins that crudely parallel the foln.	2% po, tr py, tr Zns - po occurs as thin strs throughout that parallel the foln. Po also occurs as thin selvages in local qtz veins and as slickenside smears on foln planes. - py occurs as m.g. subhedral diss grains throughout. - Zns occurs between 107.38 and 107.43 as irregular strs and masses associated with qtz veins and po strs.
108.02 (actual length 1.89 m)	109.62	Qtz-Ser-Chl phyll	lt gy-grn	f.g.	fotd.	ser+ minor chl	po, py, As		100%	thinly bndd - mod irregular foln throughout. The unit contains ~3% qtz veins that are boudinaged and roughly parallel the foln. The unit is mildly calcareous foln ranges from 38°-45°.	1% po, tr py, tr As. - po occurs as thin, irregular discontinuous strs that crudely parallel the foln except when they are associated with qtz veins the po forms irregular masses and strs. - py occurs as m.g. diss subhedra throughout, locally

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											concentrated in thin po
											strs.
											- As occurs as m.g. diss
											subhedra, concentrated
											thin bnds @ 108.53-108.61.
109.62	109.99	Qte	lt grn -	f.g.	fotd.	ser+chl	py, po,		100%	thin-med bndd - fairly regular	tr py, tr po, tr As
		(06)	gy				As			foln x-cut by either another	
										foln or a fracture plane	- py occurs as m.g. subhedra
										foln is @ ~ 45° with the	in thin strs that parallel
										second foln or fract @ 30° -	and x-cut the folns.
										mineralization is concentrated	- po occurs in this strs
										along the shallower foln.	locally associated with py.
										Unit is mildly calcareous	- As occurs m.g. subhedra
											within thin po strs.
109.99	111.45	Qtz-Ser-Chl phyll	lt-med	f.g.	fotd.	ser+	As, pbs,		100%	thinly bndd - heavily veined	1% py, 1% po, < 1% Zns,
		(07)	gy-grn		veined	minor chl	py, Zns, po			between 110.75-111.45 in	tr As, tr pbs.
										this interval the unit	- py occurs as m-c.g.
										consists of ~ 30% qtz veins	subhedra as diss grains
										which contain minor lt grn	and within thin discontin-
										chl+feldspar+sulphides.	uous strs and irregular
										foln is fairly irregular and	blebs associated with qtz
										highly irregular in heavily	veins.
										veined zones.	- po occurs in thin, irreg-
										foln ranges from 44°-47°.	ular discontinuous strs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											roughly parallel to the
											foln and as irregular
											blebs associated with
											qtz veins.
											- Zns occurs as thin bnds
											associated with qtz veins
											@ 110.78-110.79, and
											11.08. The zone is dk red
											and is associated with As.
											- As occurs as m.g. subhedra
											within Zns bnds, and in
											thin strs.
											- pbs occurs as m.g. diss
											grains within the qtz
											veins.
111.45	114.82	chl-Qtz phyll	med grn-	f.g.	fotd.	chl+ser	po, Zns,		100%	thinly bndd - fairly regular	1% po, 1% py, tr As,
		(05)	gy				As, pbs, py			foln throughout	tr Zns, tr pbs.
										foln ranges from 40° near	- po occurs as thin, irreg-
										111.45 to 55° near 114.82	ular discontinuous strs
										The unit contains ~1-2%	that locally parallel the
										qtz veins that locally	foln.
										contain mod feldspar	- py occurs as m-c.g. diss
										qtz veins locally disrupt	euhedra plus as c.g.
										the foln.	subhedra within thin strs
										The unit contains three	associated with po.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										sericitic zones @ 113.41-	- As occurs in a thin bnd
										113.76, 114.26-114.49,	of M.S. @ 113.01-113.05
										114.76-114.82.	that consists of 80% c.g.
											fract subhedral As with-
											in a qtz gangue with tr
											Zns, tr pbs, tr py.
											- Zns occurs as red inter-
											stitial grains within the
											above mentioned massive
											As zone.
											- pbs occurs as m.g. diss
											grains locally within qtz
											feldspar veins and within
											the above mentioned mass
											As bnd.
114.82	119.48	chl-ser phyll	med-dk	f.g.	fotd.	chl+ser	po, py,		100%	thinly-v.thinly bndd	tr po, tr py, tr As.
		(05)	gy-grn				As			mod regular foln throughout	- po occurs as thin discon-
										except in mildly folded zones	tinuous strs that parallel
										foln ranges from 40^{o}-50^{o}	the foln, and locally as
										locally the foln are folded	small irregular masses
										into short period open folds	within qtz veins, and as
										with f-a.x. of 65^{o}.	smears on foln.
										The unit contains ~1% qtz veins	- py occurs as f-m.g. diss
										that locally contain feldspar.	subhedra and as m.g. sub-
										The unit contains several highly	hedra within po strs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-4

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										sericitic zones @ 117.33-	locally associated with As.
										117.36 and 117.69-117.98.	- As occurs in several thin
										The unit also contains several	strs as m-c.g. subhedra
										interbndd Qtz-ser phyll zones	associated with py @
										@ 116.06-116.12, 116.22-116.34,	116.67-116.71. As does
										and 119.32-119.43.	not occur beyond this
											point in the hole.
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST				% Pb	% Zn	% As	g/t Ag	g/t Au
47029	47.10	47.24	0.14		100		~3% As, tr Zns			0.08	0.09	4.210	2.2	4.7
47030	88.08	89.08	1.00		100		~1% Po, 1% Py, tr As			0.04	0.04	0.309	4.0	0.1
47031	89.08	89.96	0.88		100		70% Py, 25% As, 2% Zns, tr Pbs in a Qtz gangue			10.30	12.50	4.470	217.6	14.1
47032	89.96	90.79	0.83		100		70% Py, 25% As, 2% Zns, tr Pbs in a Qtz gangue			16.60	12.50	3.640	355.6	12.6
47033	90.79	90.92	0.13		100		75% As, 15% Zns, 3% Py, Qtz+ser gangue.			37.30	15.30	1.070	725.7	12.0
47034	90.92	91.01	0.09		100		50% Zns, tr As, Py in a Qtz gangue with minor ser-phyll frags.			7.99	22.20	1.430	154.3	8.2
47035	91.01	91.88	0.87		100		~3% Zns, >1% Py, <1% As			0.53	7.05	0.633	14.4	0.7
47036	91.88	92.54	0.66		100	actual length 0.89	~3% Zns, >1% Py, <1% As			0.81	3.15	1.040	12.0	1.7
47037	92.54	93.54	1.00		100		<1% As, <1% Po, tr Py			0.06	0.17	0.155	0.1	0.2
47038	93.54	94.54	1.00		100	actual length 1.04	<1% As, <1% Po, tr Py			0.04	0.03	0.932	5.9	0.3
47039	94.54	95.54	1.00		100		<1% As, <1% Po, tr Py			0.02	0.02	0.644	3.2	0.3
47040	95.54	96.54	1.00		100		tr As, tr Po, tr Py			0.01	0.02	0.023	3.4	< 0.1
47041	96.54	97.54	1.00		100		tr As, tr Po, tr Py			< 0.01	0.01	0.005	0.1	< 0.1
47042	87.56	88.08	0.52		100		~1% Po, Py, tr As			0.29	0.09	0.019	5.3	0.2
			- Continuation of hole -											
47098	97.54	98.40	0.85		100		2% As, tr Po, tr Zns, tr Py			0.01	0.03	2.150	2.7	0.7
47099	98.40	99.41	1.01		84	actual length 0.85	tr As, tr Po			< 0.01	0.01	0.108	2.5	0.2
47100	99.41	100.41	1.00		100		1% Po, tr As			< 0.01	0.01	0.038	4.6	0.2
47101	100.41	101.41	1.00		100		1-2% Po, tr Py			< 0.01	< 0.01	0.008	4.5	0.3
47102	101.41	102.41	1.00		100		tr Po, tr Py			< 0.01	< 0.01	0.010	4.1	< 0.1
47103	102.41	103.40	0.99		100	actual length 1.00	1% Po, tr Py			< 0.01	< 0.01	0.002	4.0	0.1
47104	103.40	104.01	0.61		45	actual length 0.32	1% Po			< 0.01	0.01	0.005	2.5	0.3
47105	104.01	104.71	0.70		100		1% Po, tr Py, tr As			0.03	0.01	0.206	3.1	0.3
47106	104.71	105.51	0.80		88	actual length 0.70	4% Py, <1% Zns, <1% As			0.19	0.19	1.300	6.7	2.2
47107	105.51	106.20	0.69		99	actual length 0.68	3% As, 1% Py, tr Po, tr Zns			0.16	0.06	2.780	8.6	0.3
47108	106.20	107.06	0.86		100	actual length 0.90	~2% Po, tr Py, tr Zns			< 0.01	< 0.01	0.018	< 0.3	0.5

DRILL HOLE NO. 84-4

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST				% Pb	% Zn	% As	g/t Ag	g/t Au
47109	107.06	108.02	0.96		100		1% Po, tr Py, tr Zns			< 0.01	0.02	0.011	3.9	0.2
47110	108.02	108.78	0.76		100		1% Po, tr Py, tr As			0.01	< 0.01	0.470	5.3	0.2
47111	108.78	109.62	0.84		100	actual length 0.93	1% Po, tr Py			< 0.01	< 0.01	0.066	1.2	0.1
47112	109.62	109.99	0.37		100		tr Py, tr Po, tr As			< 0.01	< 0.01	0.071	1.9	0.2
47113	109.99	110.75	0.76		100		1% Po, 1% Py, tr As			0.01	0.01	0.432	2.5	0.3
47114	110.75	111.45	0.70		100		1% Zns, 1% Py, 1% Po, tr Pbs, tr As			0.09	0.21	0.236	5.9	0.3
47115	111.45	112.35	0.90		100		1% Po, 1% Py, tr Pbs			0.07	0.01	0.019	2.6	0.1
47116	112.35	113.25	0.90		100		1% As, 1% Po, tr Py, tr Zns, tr Pbs			0.12	0.04	0.891	5.0	1.2
47117	113.25	114.04	0.79		100	actual length 0.90	1% Po, tr As			0.02	0.04	0.064	3.3	0.1
47118	114.04	114.82	0.78		100	actual length 0.90	tr Po, tr As, tr Zns			0.01	0.06	0.170	3.8	0.3
47119	114.82	115.82	1.00		100		tr Po, tr Py			< 0.01	0.01	0.006	2.6	0.1
47120	115.82	116.82	1.00		100		tr Py, tr Po, tr Zns			< 0.01	0.01	0.192	2.4	0.3

DRILL HOLE NO. 84-4

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: September 10, 1984	PROJECT: J & L
		COLLAR	- 45.5°	?	DATE COMPLETED: September 13, 1984	N.T.S.: 82M/8E
		30.48 m	- 45°	226°	COLLAR ELEV.: 837.527	LOCATION: 10,670 Crosscut
		60.96 m	- 44°	229°	NORTHING: 9,989.563	
		90.00 m	- 42.5°	229°	EASTING: 10,669.738	
					AZIMUTH: 222°	
					DEPTH: 90.53 m	DATE LOGGED: September 17, 1984
HOLE TYPE D.D.H.					CORE SIZE: B.Q.	LOGGED BY: N.H.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.61	lost core							0%		
0.61	1.42	chl phyll (05)	dk grn	f.g.	fotd.	chl+ minor ser	po	mod fract	100%	V.thinly bndd, evenly fractured throughout (subparallel to foln) foln is regular throughout foln ranges from 72°-80° The unit contains tr amounts of qtz-feldspar veins that crudely parallel the foln.	tr po as diss grains and minor smears on foln planes.
1.42	4.90	chl-ser phyll (05)	med gy grn	f.g.	fotd.	chl+ser	po	locally mod fract	100%	V.thinly bndd, locally folded @ 4.28-4.44 folds exist with fractures along axial planes. This folded region is too fractured to obtain f.a.x or axial plane orientation tr amounts of qtz veins occur	tr po - occurs as f.g. diss grains and smears on foln planes.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										within the unit and contain	
										minor lt grn chl+feldspar.	
4.90	7.33	chl phyll	dk grn-	f.g.	fotd.	chl+	po	mod fract	85.6%	V.thinly bndd - minor inter-	- tr po occurs as thin
		(05)	gy			minor ser				bndd chl-ser phyll @ 6.14-	irregular strs and as
										6.22, and 6.40-6.66	diss grains and smears
										foln is regular throughout and	on foln planes.
										ranges from 68°-76°	
										The unit contains tr amounts	
										of thin qtz-feldspar veins	
										that parallel the foln.	
7.33	8.44	ser-qtz-chl phyll	med gy	f.g.	fotd.	ser+chl	po		100%	V.thin-thinly bndd - minor	- tr po as thin discontin-
		(04)	-grn							interbndd Qte @ 7.43-7.56	uous strs parallel to
										foln is fairly regular with	foln, and as diss grains
										increasing regularity with	and smears on foln planes.
										increasing qtz component	
										foln is $\sim 80^{\circ}$	
										small kink folds have f-a.x.	
										at 85° and an axial plane	
										of $\sim 21^{\circ}$	
										The unit contains tr amts	
										of thin qtz-feldspar veins.	
8.44	9.57	Qte	lt grn -	f-m.g.	fotd.	minor ser+chl	po, py	locally	100%	The unit is generally massive	- tr po as diss grains and
		(06)	gy		locally sheared			fract		with minor fotd regions	v. thin discontinuous strs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										that contain minor ser+chl.	- tr py as v.local
										Qte has a speckled appearance.	m.g. diss grains.
										The unit contains ~1% qtz	
										veins with a large qtz vein	
										@ 8.81-8.88. This qtz vein	
										contains minor dk chl+feld-	
										spar at the veins contact.	
										With the Qte there are	
										feathery protrusions of	
										ser into the vein material	
										foln within the unit are	
										fairly irregular and range	
										from 55°-82°.	
										Sheared zones occur @ 8.58-	
										8.62 and 8.79-8.80.	
9.57	18.27	chl phyll	med-dk	f.g.	fotd.	chl+ser+	po, py	locally	100%	thinly-v.thinly bndd, ser	tr po, tr py
		(05)	grn-gy			minor plag		mod fract		content varies throughout.	- po occurs as v.thin dis-
										Locally the unit contains	continuous strs that
										interbndd Qte @ 16.64-	parallel the foln and as
										16.71, 17.72-17.81, and	irregular blebs within
										18.21-18.23 folding occurs	qtz veins. Locally po
										locally within the Qte with	occurs as m.g. diss grains
										an axial plane at 70° and	and smears on foln planes
										a f-a.x. of 82° @ 16.66.	- py occurs as m.g. diss
											subhedra both within

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										The unit also contains minor	the phyll and locally
										interbndd Qtz-chl phyll @	within the qtz-veins.
										11.46-11.59, 14.54-14.59,	
										16.81-16.86, 16.52, 16.55	
										within the Qtz-chl phyll	
										an earlier fabric is folded	
										and disrupted by the later	
										regional foln.	
										foln are fairly regular	
										throughout and range from	
										70^{o}-82^{o}.	
										The unit contains~1%	
										qtz veins a feldspar vein	
										that locally x-cut the foln	
										at a low angle. Locally	
										the veins are folded. Locally	
										tr m.g. plag occurs diss in	
										zones associated with	
										qtz-feldspar veins.	
18.27	18.47	qtz-ser phyll	lt-med	f.g.	fotd.	ser+	po, py,		100%	thin-med bndd, unit is a	tr po, tr py, tr As
		(07)	gy-grn			minor chl	As			thinly inerbndd sequence of	- po occurs as diss grains
										Qte+ser phyll	and smears on foln planes
										foln are regular throughout	- py occurs as diss m.g.
										and range from 75^{o}-85^{o}	subhedra only visible
										@ 18.37 the foln have been	on foln planes.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										displaced and weakly dragged	- As occurs as m.g.
										along a v.thin slip plane	diss euhedra only visible
										oriented @ 65°, the slip	on foln planes.
										plane now hosts a v.thin qtz-	
										feldspar vein.	
18.47	18.90	Lst	lt gy	m.g.	bndd	ser	py, po		100%	thin-med bndd locally contains	tr py, tr po
		(03)								thin-med bnds of sericitic and	- py occurs as m.g. diss
										argillaceous material. Locally	euhedra.
										the unit contains qtz blebs	- po occurs as smears on
										dominantly concentrated in	foln planes (partings).
										coarser grained bnds and ca	
										veins.	
										bnding is oriented @ 80°-85°	
										- gradational contact @ 18.90	
										into a darker grey Lst	
										with increased ca veins (sweats).	
18.90	26.18	Lst	med-dk	m.g.	bndd	minor ser	py	locally	100%	thin to med bndd with	tr py as m.g. diss
		(02) close to an	gy					fract		local thin to med argilliceous	euhedra throughout and
		(03)								bnds. The unit contains ~3%	concentrated to 1% within
										ca sweats and contains ~2%	argilliceous bnds.
										qtz-ca veins. The upper	
										section @ 18.90-19.35 contains	
										~ 50% ca sweats and locally	
										contains small (~2 mm x ~4 mm)	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										remnant frags of argilliceous	
										material within the ca sweats	
										bnding is oriented @ 74^{o}-90^{o}	
										both large scale open folds	
										and small scale hectic tight	
										folds are present locally	
										within the unit.	
										Open folds located @ 21.65-	
										21.73 have f-a.x. @ 86^{o}-90^{o}	
										and axial planes @ 74^{o}-78^{o}	
										the small scale tight folds	
										have an axial plane of 71^{o}	
										Qtz-ca veins ~60% c.g.	
										Ca with 40% subrounded	
										Qtz blebs (2 mm across	
										to 15 mm across).	
										The unit grades in an 02	
										Lst at both contacts.	
26.18	26.35	Lst	lt-med	m.g.	bndd	minor ser	py		100%	thin-med bndd, unit	tr py as m.g. diss
		(03)	gy							locally approaches an (03)	euhedra throughout.
										Lst. Unit has an abrupt	
										contact @ 26.35 that	
										x-cuts bnding at a low	
										angle.	
										bnding is oriented @ 80^{o}-82^{o}.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										the contact @ 26.35 is	
										oriented @ 70°.	
26.35	26.56	Ser-Qtz phyll	lt gy -	f.g.	veined	ser	Zns, pbs,		100%	irregular foln throughout	5% Zns, 3% py, <1% As,
		(04)	grn				As, py			The unit contains ~25%	tr pbs.
										qtz-feldspar veins that	- Zns occurs as dk red bnds
										have disturbed the folns.	@ 26.35 and 26.54-26.56
										Lower contact of unit is	the lower bnd @ 26.54-
										a Zns bnd which has a	26.56 is associated with
										lower contact @ 26.56	py, As, pbs and a qtz-
										which is oriented @ 65°	feldspar vein.
										and is subparallel to	- py occurs as c.g. rounded
										the foln within the	subhedra within the Zns
										next unit.	band @ 26.54-26.56.
											- As occurs as c.g. sub-
											rounded subhedra within
											the Zns bnd @ 26.54-26.56.
											- Pbs occurs as m.g. diss
											xtals diss within qtz-
											feldspar vein associated
											with the Zns bnd at 26.54-
											26.56.
26.56	27.12	ser-qtz phyll	lt gy -	f.g.	fotd.	ser+	Zns, po,		100%	thinly bndd - regular foln	tr po, tr Zns, tr py
		(04)	grn			minor chl	py			except between 26.94-27.05	- po occurs as flattened
										where the foln has been	diss grains throughout and

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										disrupted by qtz veins that	locally as irregular blebs
										locally contain minor lt grn,	and thin strs associated
										chl+minor feldspar.	with qtz-feldspar veins.
										foln ranges from 65^{o}-70^{o}.	- Zns occurs as dk red thin
										The unit contains ~10%	irregular strs associated
										qtz veins described above.	with qtz-feldspar veins
											@ 26.56-26.57 and @
											26.88-26.89.
											- py occurs as m-c.g. diss
											euhedra throughout and
											locally as small diss blebs
											in qtz feldspar veins.
27.12	29.52	ser-chl-qtz phyll	lt-med	f.g.	fotd.	chl+ser+	po, py,		100%	thinly bndd - regular foln	tr As, tr po, tr py,
		(04)	gy-grn			plag	As, Zns			throughout except @ 27.84-	tr Zns.
										28.01 where the zone appears	- As occurs as c.g. subhedra
										to be highly folded and veined	within two strs associated
										foln ranges from 75^{o}-90^{o}	with qtz-feldspar veins
										The unit contains ~1% qtz-	@ 29.45-29.46 and @ 29.47-
										feldspar veins. Locally	29.48. As also occurs
										the veins are penetrated	locally as c.g.
										by feathery sericite wisps.	Subhedra associated with
										The zone locally contains	po strs.
										f-m.g. diss plag especially	- Po occurs throughout as
										@ 27.50-27.61, 28.70-28.82,	thin irregular strs and
										and 29.39-29.45. The plag	diss grains. It locally

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										imparts a yellowish tinge to	occurs as thin discontin-
										the rock - towards 29.52 some	uous selvages around qtz
										of the plag may be Barite	veins.
										(oxidized to a yellowish	- py occurs as m.g. diss
										orange colour.	subhedra and euhedra
											throughout, and locally
											as m.g. subhedra in po
											strs.
											- Zns occurs as dk red v.thin
											strs in several location
											@ 27.63 associated with Po and at 28.94 associated
											with qtz-feldspar veins.
29.52	30.90	chl-ser phyll	med grn	f.g.	fotd.	chl+ser	po, py		100%	thinly bndd even, regular	tr po, tr py
		(05)	- gy							foln throughout	- po occurs as thin discon-
										tr amts of qtz feldspar	tinuous strs that crudely
										veins. One larger vein	parallel the foln and as
										occurs @ 29.83-29.86	irregular blebs within qtz-
										which contains 50% qtz	feldspar veins.
										and 50% v.c.g. fractured	- py occurs as m-c.g. sub-
										feldspar. The veins	hedra within thin strs
										crudely parallel the foln.	associated with po and as
										foln range from 84°-85°.	diss grains throughout.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
30.90	33.55	Qte	lt gy	f-m.g.	mass. to	minor chl+ser	po		100%	V.thinly bndd to mass, clean	tr po occurs as f.g.
		(06)			weakly fold					with minor interbndd qtz-chl	flattened diss grains
										phyll near 30.90. The	that have locally been
										regional foln is not well	smeared on foln planes.
										developed. The prominant	
										foln present appear to be	
										an earlier metamorphic	
										fabric. These foln are	
										folded into v.small scale	
										folds. Orientation on	
										these folds is difficult	
										because the unit is clean	
										and there are no folded	
										marker horizons for	
										measurement. The unit	
										contains tr qtz-feldspar	
										veins.	
33.55	34.36	qtz-chl phyll	lt to dk	f.g.	bndd	chl	po		100%	thinly bndd - mass. The	tr po as flattened f.g.
		(06)	grn-gy							unit grades locally into qte	diss grains.
										bnding is oriented @ ~70°.	
										The unit has increasing	
										chlorite component towards	
										34.36.	
										The unit contains tr amts of	
										thin qtz-feldspar veins.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
34.36	34.92	chl-ser phyll	med-dk-	f.g.	fotd	chl+ser+ minor plag	po, py		100%	thinly bndd highly irregular foln in zones associated with qtz veins. foln where it is more regular is @~75°. The unit contains~7% qtz veins that are boundinaged and contain variable amts of feldspar and locally contain minor lt grn chl locally the unit contains strs and diss grains of yellow stained plag? which are concentrated in the highly veined regions of the unit.	tr po, tr py - po occurs as m.g. diss flattened grains throughout and locally as thin discontinuous strs. - py occurs as m.g. diss subhedra.
		(05)	grn-gy								
34.92	38.75	Qte	lt gy	m.g.	weakly fotd.	minor chl+ser+ plag	py		100%	thinly-v.thinly bndd - mass The unit is locally chloritic. The massive sections have a sucrosic texture. The foln are poorly developed and range from 68°-90°. An earlier metamorphic fabric is observed locally and is folded and disrupted by the	- tr py as f-m.g. diss euhedra throughout.
		(06)									

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										regional foln.	
										The zone contains minor qtz-	
										feldspar.	
										Locally m.g. plag. occurs	
										as diss grains, locally	
										these grains have been	
										stained yellow.	
38.75	39.32	chl-ser phyll	med grn	f.g.	fotd.	chl+ser	py, po		100%	thinly bndd. foln are fairly	tr py, tr po
		(05)	- gy							irregular except between	- py occurs as m.g. diss
										39.02 and 39.10 where the	euhedra locally concen-
										foln is ~70°.	trated into thin irregular
										The unit contains ~10% qtz	strs often associated with
										veins which contain minor	qtz veins.
										feldspar and lt grn chl.	- po occurs as m.g. diss
										A large qtz vein occurs @	grains within qtz veins.
										38.75-38.82.	
39.32	40.48	Qte	lt gy -	f-m.g.	mass bndd	chl+plag	py		100%	thinly bndd - mass.	- tr py as m.g. diss euhedra
		(06)	grn							The unit contains interbndd	throughout and locally
										chl phyll @ 39.57-39.72	concentrated in blebs
										and contains interbndd Qtz-	within qtz veins.
										chl phyll @ 40.27-40.48.	
										Qte locally has a sucrosic	
										texture.	
										foln (bnding) ranges from	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										70°-89°. The unit contains	
										~1% qtz-feldspar veins that	
										are locally boudinaged and	
										folded.	
										In one locality @ 40.35 the	
										qtz vein has been folded	
										with a f-a.x. of 80° and	
										an axial plane @ 59°.	
										The qtz vein parallels an	
										earlier metamorphic fabric	
										that is locally disrupted	
										by the regional foln.	
										Locally the zone appears	
										to contain yellow stained	
										m.g. diss plag. (up to 10%).	
40.48	41.82	chl-ser phyll	med-dk	f.g.	fotd.	ser+chl+	po, py		100%	thinly bndd - fairly regular	
		(05)	gy			minor plag				foln throughout.	
										foln of ~69°	
										The unit contains a small bnd	
										of chl phyll @ 41.15-41.30.	
										Two small slip planes with	
										minor fault gange occur @	
										40.80 and @ 41.71 both	
										oriented prallel to the	
										foln.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										The unit contains tr amts of	
										dk gy qtz veins that are	
										folded.	
										The unit locally contains	
										minor m.g., diss, yellow	
										stained plag.	
41.82	43.83	chl phyll	dk grn-	f.g.	fotd.	chl	py	locally mod fract	100%	thinly-v.thinly bndd	tr py as m-c.g. diss
		(05)	gy							regular foln throughout	euhedra throughout.
										except in v.local zones	
										associated with qtz veins	
										Foln ranges from 65^{o}-69^{o}.	
										The unit contains ~1% qtz	
										veins that locally contain	
										minor lt grn chl + feldspar.	
										The small veins locally	
										parallel the foln.	
43.83	44.15	Qtz-ser phyll	gy-brn	f.g.	fotd.	ser+ minor chl	py		100%	thinly bndd foln are regular	tr py occurs as diss
		(07)								in zones without qtz veins	m-c.g. euhedra throughout
										and mod irregular in zones	and as c.g. subhedra
										associated with qtz veins	associated with the qtz
										foln is ~45^{o} in undisturbed	veins.
										regions.	
										The unit contains ~15% qtz	
										veins that locally	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										contain minor dk grn chl	
										+ feldspar.	
										The veins crosscut the foln	
										at low-high angles.	
										The unit is mod fract between	
										44.00 and 44.15.	
44.15	44.75	Qtz-chl phyll	med-dk	f-m.g.	fotd.	chl+ser+	py	mod fract	100%	thinly bndd - massive.	- tr py as m.g. diss
		(06)	gy-grn			plag				locally the unit has	euhedra throughout.
										a speckled appearance due	
										the f-m.g. diss plagioclase	
										foln are regular throughout	
										and are oriented @ ~70°.	
										The unit contains < 1% qtz	
										veins which locally contain	
										minor feldspar + lt grn chl.	
										The zone is mod fract espec-	
										ially near 44.15.	
44.75	46.58	chl phyll	dk grn-	f.g.	fotd.	chl+	py, po	locally	100%	thinly bndd - regular	tr py, tr po
		(05)	gy			minor ser +plag		mod fract		foln throughout	- py occurs as m.g. diss
										v.locally highly siliceous	euhedra throughout, and as
										The unit contains zones	c.g. subhedra associated
										with tr m.g. diss plagioclase.	with qtz veins.
										foln ranges from 80°-90°	- po was only observed as
										with the steeper angles	v.local smears on foln plane

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										near the centre of the unit.	
										The unit contains tr amts	
										of qtz veins that contain	
										minor lt grn chl + feldspar.	
46.58	48.76	chl-ser phyll	med-dk	f.g.	fotd.	chl+ser	py, po	minor	100%	thinly bndd variable ser and	tr po occurs in thin
		(05)	gy-grn					fault gouge		chl content, minor interbndd	strs often associated with
										Qte @ 48.41-48.49.	py one larger str occurs @
										Thin bnd of fault gouge	46.90-46.91 that contains
										(2 mm wide) @ 47.83.	c.g. py.
										foln is regular throughout	
										and ranges from 70^{o}-85^{o} with	tr py as m.g.-c.g.
										no apparent trend	subhedral diss grains
										Unit contains <1% qtz veins	that are locally concen-
										which contain minor feldspar	trated into thin strs.
										and lt grn chl. Locally the	
										zone contains v.thin feldspar	
										veins that parallel the foln.	
48.76	49.79	Qte	lt gy	f.g.	fotd.	ser	py, po,		100%	V.thin-med bndd. variable ser	<1% py as c.g. and f.g.
		(06)					Zns, As			content with local zones of	subhedra in thin strs
										qtz-ser phyll that grade into	locally associated with
										qte.	Zns and As especially near
										Dominant foln is regular and	the contact @ 49.79.
										it cross cuts and disrupts	
										an earlier fabric that appears	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										as v.small scale folds that	tr po in thin strs that
										have been dragged along the	are discordant with the
										dominant foln.	foln and as flattened diss
										The dominant foln ranges	grains and smears on foln.
										from 74^{o}-82^{o}.	Po is absent below 49.54.
											tr As as m.g. subhedra
											within strs associated
											with py and near the
											contact @ 49.79 As is
											associated with a Zns
											str.
											tr Zns in a thin str @
											49.78.
49.79	50.27	M.S.	brassy	c.g. grns	milled	ser	py, As,		100%	65% py	
		(12)	brn	in f.g. matrix			Zns			20% As	
										10% Zns	
										~3% ser phyll frags	
										1% Qtz vein frags	
										1% Qtz gangue at contact @ 49.79	
										A highly pyritic zone occurs between 49.85-49.89 that	
										consists of 80% py and 20% As.	
										The top 3 cm of the zone between 49.79 and 49.82 consists	
										of 60% c.g. fractured As + 20% c.g. and f.g. py + 5% m.g.	
										red Zns within a qtz matrix.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										The remainder of the unit consists of 10% c.g. rounded	
										py + 5% c.g. rounded As + 3% rounded phyll frags + 1%	
										Qtz blebs in a f.g. matrix of dominantly py + Zns with	
										minor As.	
										The zone has a decreasing py content towards 50.27 and an	
										increasing Zns content towards 50.27.	
										Locally Zns has been remobilized into m.g. red strs within	
										qtz blebs and locally into v.thin strs that penetrate	
										phyllite frags. Contact @ 49.79 is at 65° and is fairly	
										abrupt. Contact @ 50.27 is gradational.	
50.27	50.43	M.S.	red-brn	m.g.	milled	ser	Zns, As,		100%	40% py	
		(12)					py			35% Zns	
										15% As	
										5% ser phyll frags	
										5% qtz blebs	
										The zone consists of ~5-10% rounded c.g. As + ~10% rounded	
										c.g. py + 5% folded stretched and rounded ser phyll frags	
										+ 5% rounded and stretched qtz blebs within a matrix of	
										f.g. py and Zns with minor As.	
										Zns within the matrix is a lacework of red Zns that locally	
										penetrates and is folded within ser phyll frags and qtz	
										blebs.	
										The lower contact is a zone from 50.39-50.43 composed of	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										~ 50% Zns in a lacework of orange Zns that engulfs and	
										locally penetrates boudinaged ser phyll frags and boundin-	
										aged qtz blebs.	
										This contact has a crude orientation of 85°.	
										This zone also contains ~1% c.g. subhedral As.	
50.43	50.81	Ser-Qtz phyll	lt gy-	f.g.	fotd.	ser	Zns, py		100%	thinly bndd, fairly irregular	~1% Zns as orange m.g.
actual length = 0.48 m		(04)	grn				pbs			foln. Zone contains ~5%	strs that crudely parallel
										boundinaged qtz veins.	the foln. These strs
										Foln ranges from 79°-86°.	locally cross cut qtz
											veins.
											- tr py is c.g. subhedra
											localized in strs often
											associated with qtz veins.
											- tr pbs as m.g. diss
											euhedra associated with
											Zns strs.
50.81	50.88	Qtz	gy silver c.g.		veined		As, Zns,		100%	Qtz ~40% sulphides	
		(13)					py, pbs			~ 35% As	
										3% Py	
										1-2% Zns	
										tr pbs	
										60% qtz gangue	
										- As occurs as c.g. - f.g. fractured grains diss throughout	
										but concentrated near the two contacts.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- Py occurs as m.g. fractured subhedra concentrated near 50.88.	
										- Zns occurs as v.thin strs and irregular blebs dominantly concentrated near 50.88.	
										- Pbs occurs as f.g. diss euhedra near the contact @ 50.88.	
										- grain size of As tends to increase towards both contacts.	
										- both contacts are concordant with the foln.	
										contact @ 50.81 is at 82°	
										contact @ 50.88 is at 75°	
50.88	51.58	Qtz-ser phyll	lt grn -	f.g.	fotd.	ser	Zns, py,		94%	thinly bndd and locally folded	~3% Zns
(actual length 0.70 m)		(07)	gy				pbs, As			into open folds. Zone contains	~1% As
										~15% qtz veins that locally	~1% Py
										disrupt the foln.	tr Pbs
										Foln range from 72°-90°.	- Zns occurs as red and orange strs that are locally concentrated in lacework massive sulphides @ 50.98-50.99 and 51.46-51.50.
											- As occurs as c.g. fractured subhedra concentrated in local thin strs locally associated with Zns.
											- Py occurs as m-c.g.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											subhedra locally concen-
											trated in thin strs
											throughout.
											- Pbs occurs as f.g. euhedra
											diss within zones assoc-
											iated with Zns.
51.58	52.06	M.S.	silver-	c.g.	sulphide	ser	As, Zns,		94%	80% As	
(actual length = 0.62 m)		(12)	brn		brx		pbs, py			5% Zns	
										5% py	
										tr pbs	
										2% ser-Qtz phyll remnants	
										10% qtz gangue + rounded qtz blebs	
										The zone consists of several zones of v.c.g. brecciated	
										As separated by zones of milled sulphides and zones of Zns	
										lacework.	
										- As occurs dominantly as v.c.g. brecciated grains in a qtz	
										matrix locally associated with c.g. py. As also occurs	
										within the milled bnds as c.g. rounded grains and as a	
										component within the f.g. matrix.	
										- Zns occurs within thin strs that locally form coelescing	
										masses of lacework Zns often associated with rounded	
										qtz blebs Zns is dominantly red with minor orange Zns	
										often in the same strs.	
										- py occurs locally with the c.g. As breccia as c.g.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										irregular masses that appear to locally replace the As.	
										Py also occurs in the milled bands as both c.g. rounded	
										grains and within the fine grained matrix.	
										- pbs occurs as diss grains usually associated with Zns	
										rich zones.	
52.06	55.67	Ser-Qtz phyll	lt grn-	f.g.	fotd.	ser	Po, As,		94%	thinly bndd, locally highly	~1% Py
(actual length 3.24)		(04)	gy		folded		Py, Zns,			folded unit contains ~5% qtz	<1% As
							Cpy			veins that are locally folded	<1% Po
										with the foln. Folding is	<1% Zns
										locally highly complex with	tr Cpy
										folds locally being refolded	
										and sheared off.	- py occurs as c.g. sub-
										Axial planes of folds range	hedral grains concen-
										from 25^{o}-35^{o} f-a.x. measure-	trated in thin strs
										ments were difficult due to	associated locally with
										the small scale nature of the	As especially close to
										folding.	52.06.
										Foln within the regions	- As occurs as c.g. sub-
										range from 90^{o} at the	hedral grains in strs
										contact @ 52.06 to 0^{o} in	associated with py -
										the centre and back to 85^{o}	generally concentrated
										@ 55.67.	towards 52.06.
											- Po occurs as thin strs
											both parallel and x-cut
											the foln locally po is

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											associated with cpy.
											- Cpy occurs as thin wispy
											strs and blebs that are
											locally associated with
											Zns strs and in other
											localities with po strs.
55.67	56.07	M.S.	silver-	m-c.g.	milled	ser	As, Py,		94%	80% As	
(actual length 0.40 m)		(12)	gy				Zns, Pbs, Cpy			8% Py	
										1% Zns	
										tr Cpy	
										tr Pbs	
										1% Feldspar	
										5% Ser phyll	
										5% Qtz gangue	
										Zone ranges from a c.g. As breccia to milled massive	
										sulphide.	
										Sulphide content drops off to ~20% from 55.99-56.07.	
										The upper contact @ 55.67 is roughly @ 70° and is semi-	
										conformable with the foln in the ser-Qtz phyllite between	
										55.67-55.70 the zone contains c.g. feldspar with tr	
										amounts of pbs surrounded by c.g. fractured As with inter-	
										stitial red Zns in a qtz gangue. Below this horizon the	
										zone consists of As with lesser py and tr amounts of cpy	
										as thin wispy stringers. Grain size and the relative py,	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										As and gangue concentration vary along its entire length.	
										The coarser grained the As the greater the qtz gangue	
										content. Ser phyll fragments are locally folded with	
										f-a.x. of 45^{o}.	
										The contact @ 56.07 is abruptly cut by a qtz vein that has	
										an orientation of $\sim 80^{o}$.	
56.07	57.48	Qtz-Ser phyll	lt gy	f.g.	fotd.	ser	Zns, Py,		94%	thinly bndd locally folded	~1% Py
(actual length 1.18 m)		(07)	grn				Po, As			with small scale open folds.	tr As
										Minor qtz veins that cross	tr Zns
										cut the foln. Foln ranges	tr Py
										from 85^{o}-90^{o} f-a.x. of a	- Py occurs as c.g. sub-
										minor fold is 83^{o}. In one	hedra diss throughout and
										location a small scale kink	concentrated in strs
										fold with an axial plane at	often associated with
										8^{o} (S_4?) has been folded by	qtz and locally As.
										another fold that has an	Percentage of py in-
										axial plane of 16^{o} (S_5?) the	creases towards 57.48.
										intersection of these folds	- As occurs as c.g. sub-
										has created a lineation of	hedra in strs associated
										70^{o} (L_5?).	with py dominantly
											present between 56.76 &
											57.48.
											- Zns occurs as thin strs
											associated with py + As
											strs and locally with po strs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- Po occurs in thin strs
											throughout.
											- all the strs roughly
											parallel the foln.
57.48	57.99	M.S.	brassy	v.c.g.			Py, As,		94%	50% Py	
		(12)	yellow				Zns, Pbs,			5% As	
										< 1% Zns	
										tr Pbs	
										25% Ser-Qtz phyll	
										20% Qtz gangue	
										- Zone consists of thick bnds of ultra c.g. subhedral py	
										with v.c.g. As in qtz gangue separated by bnds of Ser-	
										Qtz phyll.	
										- grain size decreases slightly towards 57.99.	
										Zns occurs as interstitial strs in c.g. As+py m.s. concen-	
										trated in two locations @ 57.70 and 57.78.	
										Pbs occurs as f.g. diss xtals close to the contact @ 57.48.	
										Both contacts are semi-conformable with the contact @ 57.48	
										having an orientation of ~80° and the contact @ 57.99	
										having an orientation of 85°.	
57.99	60.05	Ser-Qtz phyll	lt grn-	f.g.	fotd.	ser+	Zns, Pbs,		100%	thinly bndd unit locally contains	1% Po
		(04)	gy.			minor chl	As, Py, Po			interbndd Qte @ 58.08-58.11	1% Py
										and 58.55-58.81.	tr As
										Foln are weakly contorted throughout.	< 1% Zns, tr Pbs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

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										Foln ranges from 75^{o}-82^{o}.	- Po occurs as thin strs
										The unit contains ~2% boudin-	and irregular masses and
										aged qtz veins that locally	throughout the unit as
										contain minor lt grn chl +	m.g. flattened diss
										feldspar and roughly	grains that are locally
										parallel and locally disrupt	smeared on foln planes.
										the foln.	- Py occurs as c.g. subhedra
										Locally lt grn chl occurs as	in thin strs often assoc-
										a fracture filling.	iated with interstitial po.
										Earlier foln have been	- Zns occurs locally in thin
										disrupted and folded.	strs often associated with
											minor As + minor Pbs in a
											qtz gangue. Zns is red.
											- As occurs f.g. diss grained
											within Zns strs and
											locally within larger po
											strs.
											- Pbs occurs as f.g. diss
											grains within py, po, and
											Zns strs often associated
											with qtz veins.
60.05	60.82	Qtz-Chl phyll	med gy +	f.g.	fotd.	ser+chl+			100%	thinly bndd with interbndd	- tr po, tr py, tr As, tr
		(06)	grn			minor plag				Qte @ 60.46-60.49, 60.52-	Zns, tr Pbs.
										60.60, and 60.79-60.81.	- Po occurs as flattened diss
										Foln are locally irregular	grains and locally in thin

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

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										and weakly folded.	strs often associated with
										Foln ranges from 85°-90°.	m.g. py that roughly
										The unit contains ~1%	parallel the foln.
										boundinaged qtz veins.	- Py occurs as m.g. subhedra
										m.g. plagioclase occurs	within thin strs associated
										locally in tr amounts.	with po.
											- As occurs as m-c.g. sub-
											hedra in thin strs assoc-
											iated with po + Zns.
											- Zns occurs in a thin
											stringer, associated with
											po + As. dark red in colour
											- Pbs occurs as m.g. diss
											grains within thin qtz
											veins.
60.82	61.34	Qtz-ser phyll	lt grn-	f.g.	fotd.	ser+plag	Po, Py,		100%	thinly bndd, foln are	1 % po, <1% As, tr Py,
		(07)	gy				Zns, Pbs			irregular except in highly	tr Zns, tr Pbs.
										siliceous zones.	- Po occurs as irregular
										Unit contains ~5% qtz veins	strs and masses associated
										that locally contain mod	with qtz veins and as
										amounts of c.g. feldspar	more regular thin strs
										Foln ranges from 85° in one	within the phyllite.
										direction to 85° in the	- As occurs as c.g. subhedra
										other direction.	within po strs.
											- Py occurs as f-m.g.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											subhedra in po strs.
											- Zns occurs as a minor
											component in the irregular
											po strs within qtz veins.
											Zns is red.
											- Pbs occurs as m.g. diss
											grains associated with the
											qtz veins.
61.34	66.08	Qtz-Chl phyll (06)	med-dk gy- grn	f.g.	fotd.	ser+chl+ plag	Po, Zns, As, Py		100%	thinly bndd locally highly siliceous with interbndd Qte @ 61.58-61.78, 62.13- 62.28, 63.66-63.70, 63.98- 64.02, 64.92-64.96, 66.01- 66.07. Unit contains ~2% qtz veins that locally contain feldspar and lt grn chl + sericite. Locally thin veins composed of 80% feldspar + 20% qtz parallel to the foln. The unit contains m.g. diss plagioclase xtals throughout and locally contains up to 20% plagioclase. Foln are fairly regular	<1% Po tr Zns tr As tr Py - Po occurs as thin strs parallel with the foln and as irregular blebs in qtz veins. - Zns occurs as thin strs parallel to the foln associated with both Po and As and very locally as v.thin selvages around boudinaged qtz veins. - As occurs v.locally as m.g. diss subhedra associated with Zns strs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										throughout being locally disturbed by qtz veins. Foln ranges from 78°-85° locally. Foln are folded in small open folds.	- Py occurs as m.g. diss subhedra often associated with po strs.
66.08	67.70	Qtz-Ser-Chl phyll (07)	lt-med gy-grn	f.g.	fotd.	ser+ minor plag	Po, Py, As, Zns		100%	thinly bndd, locally highly siliceous. Foln are fairly regular except within local highly sericitic zones. The unit contains <1% boudinaged qtz-veins with minor feldspar. Zone contains minor secondary plag especially @ 67.01-67.08. Foln ranges from 78°-90°.	tr As, tr Po, tr Py, tr Zns. - As occurs as c.g. subhedra within a qtz vein @ 67.39-67.40. - Po occurs as thin irr-egular strs concentrated @ 67.67-67.70 and as flattened diss grains throughout. - Py occurs as m-c.g. diss grains sparsely distributed throughout. - Zns occurs as small red blebs within a quartz vein associated with As @ 67.39-67.40.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

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67.70	71.43	Qte+Qtz-Chl-Ser phyll	lt gy	f.g.	fotd.	ser+chl	Po, As,		100%	Interbedded unit of Qte with	tr Po, tr As, tr Zns,
		(06)	dk gy grn				Zns, Py			ser-chl-Qtz phyll - separate	tr Py.
										lithological bnds are usually	- Po occurs in thin strs
										less than 10 cm wide. Locally	often associated with thin
										the chlorite content is v.low	feldspar veins and as diss
										within the phyllites.	flattened grains and smears
										Qte is clean, massive and	on foln planes.
										locally contains two meta-	- As occurs as m.g. subhedra
										morphic fabrics an S_1 or S_2	within thin strs associated
										cross cut by an S_3.	with po + Zns.
										Foliation (dominant-regional	- Zns is red and occurs
										foln). S_3 foln ranges from	within thin strs assoc-
										78^{o}-90^{o}. Phyll ranges from	iated with po + As located
										chl-Qtz phyll to ser-Qtz phyll.	@ 70.57-70.58.
										Foln are less regular in the	- Py occurs as m.g. diss
										sericitic regions	grains and as a minor
											component within local po str
										The unit contains ~1% qtz	
										veins that locally contain	
										lt grn chl + c.g. feldspar	
										- thin feldspar veins parallel &	
										cross cut the foln.	
71.43	73.58	chl-Qtz phyll-Qtz-chl phyll	dk gy	f.g.	fotd.	chl, plag	Po, Py,		100%	Interbndd unit of dominantly	tr po, tr py, tr Zns.
		(05) + (06)	grn				Zns			chloritic phyllites with	- Po occurs in thin strs
										variable qtz content.	that crudely parallel

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

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										Locally the unit grades into	the foln and as diss
										a Qte. Secondary plagioclase	flattened grains and
										occurs throughout with local	smears on foln planes.
										concentrations of up to 10%.	- Py occurs m.g. subhedra
										The plag imparts a yellowish	within thin strs and is
										tinge to the rocks.	locally associated with
										Prominant v.tight folds	po and Zns.
										occur locally with Qtz-chl-	- Zns occurs @ 71.88 as dk
										phyllite. f-a.x. of ~ 88°.	orange m.g. xtals within
										A fracture with open space	a stringer associated
										occurs @ 73.45 and has an	with py.
										orientation of 34°.	
73.58	74.77	Qte (06)	lt gy-grn	f.g.	fotd.	ser+plag+ minor chl	Po		100%	thinly bndd and locally folded into fairly open kink folds that are locally ruptured along the axial planes. These kinks have axial planes of 36°. In another locality the unit is folded isoclinally with a f-a.x. of 85° and an axial plane of 80°. The unit locally contains minor m.g. plagioclase diss throughout and concentrated locally around fractures.	- tr po occurs as m.g. irregular blebs within qtz veins and as diss grains throughout.
										- An earlier metamorphic fabric	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										occurs locally and is discor-	
										dant to and disrupted by the	
										pervasive foln.	
										Unit contains ~2% Qtz veins	
										that often contain mod c.g.	
										feldspar and minor lt grn chl.	
74.77	75.14	Qtz-Chl phyll	med gy	f.g.	fotd.	chl+minor	Po		100%	thinly bndd, locally highly	- tr po as thin discontin-
		(06)				ser plag				siliceous. Mod m.g. plag-	uous strs that parallel
										ioclase throughout. Foln is	the foln.
										fairly regular throughout.	
										Foln ranges from 80°-86°.	
75.14	75.89	Qtz-Chl phyll	lt gy-	f.g.	fotd.	ser+minor	Po, Zns,		100%	thinly-v.thinly bndd. The	tr As, tr Po, tr Zns
		(06)	grn			chl+plag	As			unit is locally highly	- As occurs as f-m.g. sub-
										sericitic. The unit contains	hedra in thin strs locally
										~2% Qtz-feldspar veins.	associated with Zns.
										Locally the Qtz-feldspar	- Po occurs in thin irreg-
										veins have been sheared	ular strs and locally as
										by small slip planes oriented	thin selvages in boudin-
										at 19°. Large Qtz veins are	aged qtz veins.
										displaced by ~1 cm, whereas	
										thinner qtz veins containing	- Zns occurs in a thin
										sulphides are only displaced	stringer associated with
										by ~0.1 cm.	As + minor po. Zns is
										The unit contains minor m.g.	dk red.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										plagioclase and thin bnds of	
										chloritic phyllites. Foln	
										are regular near 75.14 grading	
										into more irregular folns	
										towards 75.89, which corres-	
										ponds roughly with decreasing	
										chl and increasing ser.	
75.89	76.70	Qte	lt gy	f-m.g.	fotd.	ser+plag+	Po, Zns,		100%	clean with minor interbndd	tr Po, tr As, tr Zns,
		(06)				minor chl	As, Py			ser-chl-Qtz phyll. Qte	tr Py.
										contains minor ser on foln	
										planes. Minor m.g. plag	- Po occurs as diss grains
										occurs dominantly in	and smears on folns and in
										chloritic phyllite bnds.	strs associated with py +
										Foln is fairly regular	As on fracture planes
										throughout.	oriented @ 80°.
										Foln ranges from 74°-85°.	- As occurs as m.g. subhedra
										The zone contains several	within strs along the
										prominant fractures that	above mentioned fracture
										have had minor movement	planes.
										on them. Two of these	- Zns occurs as small blebs
										fractures are oriented @	associated with py along
										5° with a displacement of	fracture planes oriented
										0.5 cm and @ 28° with a	@ 45°.
										displacement of 0.4 cm.	- Py occurs as m.g. subhedra
										These fractures have	associated with As + po in

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										locally formed vugs with f.g. qtz crystals in them. A set of parallel fractures are oriented @ 80° in the opposite sense to the foln. These fractures contain mineralization and are displaced by the two above mentioned fractures. Locally the zone contains irregular feldspar veins.	thin strs oriented @ 80°.
76.70	77.69	Qtz-Chl phyll (06)	med gy - grn	f.g.	fotd	ser+chl+ minor plag	Po, Py, As		100%	thinly bndd, fairly regular foliation throughout. Foln ranges from 79°-90°. The zone contains minor qtz-feldspar veins. Several open fractures occur within the zone. These fractures are roughly oriented @ 15°-20°. These fractures contain qtz + lt grn chl. Locally zone contains minor m.g. plagioclase. Minor displacement occurs on fractures.	tr Po, tr As, tr Py - Po occurs as thin strs that locally parallel the foln. - As occurs as c.g. fractured subhedra within a qtz vein @ 76.80-76.81. - Py occurs as m.g. subhedra

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
77.69	80.46	chl-Qtz-ser phyll (05)	dk gy	f.g.	fotd.	chl+plag+ minor ser	Po		100%	thinly bndd minor interbedded Qte @ 79.03-79.06, 79.34-79.51, 79.66-79.72. The unit also contains minor sericitic horizons - unit contains <1% qtz veins with minor feldspar - m.g. plagioclase is locally diss. - the unit contains an open fracture @ 78.17 that has been partially filled with qtz. Foln is regular except in close proximity to qtz veins. Foln ranges from 83°-86°. Small folds occur @ 80.02 with an axial plane parallel to the foln of 86°.	tr Po in thin discontinuous strs.
80.46	83.40	chl-Qtz phyll (05)	dk gy grn	f.g.	fotd.	chl+plag	Py, As		100%	thinly bndd and locally folded unit contains ~1% qtz veins which locally contain feldspar. Unit contains minor interbndd Qte. Foln are regular except close	tr Po, tr As - Po occurs as irregular thin strs often associated with qtz-veins. - As occurs locally as m.g.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										to qtz veins.	diss subhedra.
										Foln range from 82°-90°	
										f-a.x. of the folds have	
										orientation identical to	
										the foln.	
										Folds are v.tight approaching	
										isoclinal.	
										Plag occurs locally within	
										the zone as m.g. diss xtals.	
83.40	84.11	Qte	med gy	f.g.	fotd.	chl+minor plag	As, Po, Py		100%	thinly bndd with minor	tr As, tr Py, tr Po.
		(06)								interbndd chl-ser phyll. m.g.	- As occurs as m.g. diss
										Secondary plag occurs within	grains and as diss grains
										the phyllite horizons.	within thin strs that
										Foliation are highly regular	parallel the Qtz-feldspar
										within the Qte and mod	veins.
										regular within the phyllite.	- Py occurs as m.g. diss
										Foln ranges from 78°-85°.	grains with thin strs
										The zone contains minor	associated with As.
										Qtz-feldspar veins that are	
										oriented @ 80° in the	- Po occurs as flattened
										opposite sense to the foln.	diss grains and smears
											on foln planes.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
84.11	88.61	chl-phyll	dk grn-	f.g.	fotd.	chl + ser,	Py		100%	v.thinly bndd. Unit con-	tr Py as diss grains and
		(05)	gy			plag				tains minor interbndd Qte	smears on foln planes.
										@ 85.23-85.28, 86.92-87.09,	
										87.13-87.21, 88.14-88.18.	
										The unit also contains minor	
										bnds of Qtz-chl phyll and	
										locally chl-ser phyll.	
										The unit contains ∧ 1%	
										barren m-c.g. qtz veins	
										that locally contain	
										minor feldspar.	
										Secondary plag occurs	
										locally within the unit	
										and ranges from m-c.g.	
										diss grains concentrated in	
										highly chloritic zones.	
										Plag attains a concentration	
										of up to 5%. Foln is fairly	
										regular throughout. Foln	
										ranges from 90^{o} to 78^{o} in	
										both directions. Minor folds	
										occur locally f-a.x. of 77^{o}.	
										In one of the Qte zones @	
										86.92-87.09 the Qte has been	
										brecciated by qtz veins.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
88.61	89.90	Qtz-chl phyll (06)	med grn-gy	f.g.	fotd.	chl+ser+plag			100%	thinly bndd - locally the unit grades into a chl-ser phyll. The unit contains ~5% secondary plag as m-c.g. diss grains distributed throughout the zone. The unit contains ~1% qtz veins that locally contain minor feldspar and are locally folded f-a.x. on folded qtz vein @ 88.62 is 75°. Foln ranges from 64°-80° with angles decreasing towards 89.90.	
89.90	90.53	Qte (06)	lt gy	f.g.	spotted+ veined	ser+ minor plag	Po, Pbs, Py, Zns		100%	weakly bndd zone contains ~30% qtz veins that x-cut the foln. The qte has a spotted appearance due to the f.g. diss py and locally due to f.g. diss plagioclase. Foln are highly irregular and disrupted by qtz veins. Qtz veins locally contain minor feldspar.	1% Py, 1% Po, < 1% Pbs, < 1% Zns. - Py occurs as f.g. diss subhedra within the qte and as irregular strs and blebs within qtz veins. - Po occurs as irregular strs and blebs within qtz veins and as minor diss grains within the qte. - Pbs occurs as c.g. irregular blebs associated with py blebs in qtz vein.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-5

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- Zns occurs as dk red-blk
											c.g. irregular masses
											within qtz veins.
											- END OF HOLE -

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST				% Pb	% Zn	% As	g/t Ag	g/t Au
47043	47.76	48.76	1.00		100		tr Po, tr Py			< 0.01	0.01	0.013	0.5	0.2
47044	48.76	49.79	1.03		100		<1% Py, tr Po, tr As, tr Zns			0.01	0.03	0.105	0.9	0.5
47045	49.79	50.27	0.38		100	actual length 0.48	65% Py, 20% As, 10% Zns			8.65	9.58	5.350	220.1	13.0
47046	50.27	50.43	0.16		100		40% Py, 35% Zns, 15% As,			7.48	11.50	4.830	178.2	11.0
47047	50.43	50.81	0.48		100		1% Zns, tr Py, tr Pbs			0.47	0.98	0.144	10.3	0.7
47048	50.81	50.88	0.07		100		35% As, 3% Py , 1-2% Zns, tr Pbs			0.66	0.67	14.400	9.3	21.5
47049	50.88	51.58	0.70		94		~3% Zns, 1% As, 1% Py , tr Po			0.97	3.26	1.230	1.8	1.4
47050	51.58	52.06	0.48		94	actual length 0.62	80% As, 5% Zns, 5% Py , tr Pbs, 2% Ser Phyll			5.51	9.20	18.100	86.8	31.8
47051	52.06	52.87	0.81		94		~1% Py , tr As, tr Po			0.18	0.17	1.160	6.2	2.0
47052	52.87	53.68	0.81		94		~1% Zns, 1% Py , tr As, tr Cpy, tr Po			0.39	0.40	0.721	10.7	0.9
47053	53.68	54.49	0.81		94		tr Po, tr Py , tr As, tr Cpy			0.04	0.04	0.094	1.0	0.4
47054	54.49	55.67	1.18	dropped core box	94	actual length 0.81	1% Py , <1% As, tr Zns, tr Po			0.15	0.13	1.400	3.6	0.5
47055	55.67	56.07	0.40		94		80% As, 8% Py , 1% Zns, tr Cpy, tr Pbs, 1% felds, 5% Ser Phyll,			2.28	2.39	17.100	70.5	23.4
47056	56.07	56.59	0.52		94		tr Py , tr Po, tr As, tr Zns			0.11	0.05	0.457	6.3	0.5
47057	56.59	57.48	0.89		94	actual length 0.65	1-2% Py , tr As, tr Po			0.30	0.06	1.100	14.9	0.9
47058	57.48	57.99	0.51		94		50% Py , 5% As, < 1% Zns, tr Pbs, 25% Ser-qtz phyll, 20% Qtz gangue			0.71	0.33	4.540	48.3	3.1
47059	57.99	58.71	0.72		100	actual length 0.71	1% Py , 1% Po, tr As, tr Zns, tr Pbs			0.16	0.03	0.534	6.7	2.2
47060	58.71	59.42	0.71		100		~1% Zns, 1% Po, 1% Py , tr As, tr Pbs			0.64	0.70	0.593	15.7	0.7
47061	59.42	60.05	0.63		100	actual length 0.75	1% Po, 1% Py , <1% Zns, tr As, tr Pbs			0.30	0.28	0.324	12.0	1.0
47062	60.05	60.82	0.77		100	actual length 0.89	tr Po, tr Py , tr As, tr Zns, tr Pbs			0.90	0.06	0.135	5.1	0.4
47063	60.82	61.34	0.52		100		1% Po, <1% As, tr Py , tr Zns, tr Pbs			0.20	0.09	0.473	8.0	0.9
47064	61.34	62.34	1.00		100		tr Po, tr Py			< 0.01	0.01	0.021	1.1	0.3
47065	62.34	63.28	0.94		100	actual length 1.00	<1% Po, tr Py			< 0.01	0.01	0.006	0.7	< 0.1
47066	63.28	64.25	0.97		100	actual length 1.00	tr Po, tr Py, tr Zns, tr As			< 0.01	0.04	0.048	0.9	0.5
47067	64.25	65.10	0.85		100	actual length 1.00	tr Po, tr Py, tr Zns, tr As			0.05	0.04	0.131	3.8	0.3
47068	65.10	66.08	0.98		100		tr Po, tr As			< 0.01	0.01	0.137	0.3	0.4

DRILL HOLE NO. 84-5

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST				% Pb	% Zn	% As	g/t Ag	g/t Au
47069	89.90	90.53	0.63		100		1% Po, 1% Py, <1% Pbs,	<1% Zns		0.37	0.08	0.007	7.8	0.4
47121	25.18	26.18	1.00		100		tr Py			< 0.01	< 0.01	0.006	1.1	0.3
47122	26.18	26.35	0.17		100		tr Py			0.02	0.03	0.013	2.5	0.2
47123	26.35	26.56	0.21		100		5% Zns, 3% Py, <1% As, tr Pbs			3.70	12.70	0.944	55.9	1.6
47124	26.56	27.12	0.56		100		tr Po, tr Zns, tr Py			0.03	0.09	0.008	4.1	0.2
47125	27.12	28.12	1.00		100		tr Po, tr As, tr Zns, tr Py			0.01	0.01	0.005	2.6	0.1
47126	28.12	29.12	1.00		100		tr Po, tr Py, tr Zns			< 0.01	0.03	0.003	2.1	< 0.1
47127	29.12	29.52	0.40		100		1-2% As, tr Po, tr Py			0.02	0.01	0.975	2.3	0.5
47128	29.52	30.52	1.00		100		tr Po, tr Py.			< 0.01	< 0.01	0.008	0.5	0.1

DRILL HOLE NO. 84-5

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: September 13, 1984	PROJECT: J & L
		COLLAR	+ 18.25°	220.7°	DATE COMPLETED: September 16, 1984	N.T.S.: 82M/8E
		30.48 m	+ 18°	223°	COLLAR ELEV.: 840.506	LOCATION: 10,670E Crosscut
		60.96 m	+ 19°	224°	NORTHING: 9,989.117	
		91.44 m	+ 20°	225°	EASTING: 10,669.776	
					AZIMUTH: 222°	
					DEPTH: 112.47 m	DATE LOGGED: September 18, 1984
HOLE TYPE D.D.H.					CORE SIZE: BQ	LOGGED BY: N.H. & R.P.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	14.28	chl phyll (05)	dk.grn-gy	f.g.	fotd.	chl + minor ser	po, py	highly fract near 0.00	98%	thinly bndd. The unit contains two small bnds of qtz-chl phyll one @ 3.56-3.78 (which is bounded @ both contacts by 3 cm bnds of ser phyll). The other bnd is @ 13.15 - 13.40, which is tightly folded. The contact between the Qtz-chl phyll @ 13.15 x-cuts the foln @ a high angle. The foln @ 13.15 within the chl phyll is @ 30° whereas the contact between the chl phyll and the qtz-chl phyll is locally @ 10°.	tr po, tr py - po occurs as thin flattened dissem grains that are locally smeared on toln. planes - py occurs as f-m.g. diss subhedua within qtz veins.
										Folds within the Qtz-chl phyll @ 13.15 - 13.40 have fax of 25°-35° and axial planes parallel	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										to the foln.	
										Foln within the unit is	
										highly regular - except in local	
										areas that have been folded or	
										veined. Foln ranges from 30°-	
										36°.	
										The unit contains ~1% qtz	
										veins. The thin veins are	
										feldspar rich. These thin	
										veins roughly parallel the foln.	
										The thicker veins contain minor	
										chl + feldspar and conform more	
										or less to the foln.	
										The first 0.90 m of core	
										is highly fractured and	
										presumably where 2% of the	
										unit was lost.	
14.28	14.68	Qte	lt gy-grn	f.m.g.	fotd				100%	thin to med bndd foln are	tr po as minor smears on
		(06)								mod irregular and locally	foln planes.
										coelesce Foln surfaces have	
										ser+chl concentrated on them.	
										Foln range from 35°-38°	
										plagioclase occurs as f.m.g.	
										dissem subhedra within the	
										qtz (up to 20%) contacts are	
										conformable to the foln.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
14.68	19.33	chl phyll (05)	dk grn-gy	f.g.	fotd.	chl+ser + plag.	po		100%	thinly-v.thinly bndd regular foln throughout locally the unit is folded into tight kink folds that locally have ruptured f.ax. f.ax. of these folds are @ 79° and an axial plane @ 15°. The unit contains minor inter- bndd Qte @ 16.36 - 16.43, 18.53 - 18.62. The unit is locally sericitic especially near the contact @ 19.33. The unit contains ~1% qtz veins that locally contain m-c.g. feldspar. Locally the unit contains minor diss m.g. feldspar which is concentrated within the qte units and locally associated with qtz veins. Foln ranges from 30°-37°.	po occurs throughout as smears on foln planes and locally as irregular, thin strs locally associated with qtz veins.
19.33	21.95	Qte (06)	lt. gy	f.m.g.	fotd-mass	ser+plag	py		100%	thinly bndd - mass massive sections have a sucrosic texture. The unit contains minor interbndd ser phyll @ 19.59 - 19.63, 20.30 - 20.51. foln is poorly developed within the qte and has an orientation of	- tr py as occurs as diss euhedra throughout.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										30°-40° ser occurs on	
										foln planes.	
										Locally m.g. plag occurs	
										diss within the qte	
										- unit contains tr qtz veins	
21.95	22.42	qtz-chl phyll	lt grn	f.m.g.	foltd	chl+plag	py, po		100%		tr py, tr po
		(06)			speckled					the unit is thinly bndd	- py occurs as f.g. diss
										and speckled with a yellowish	subhedra throughout
										tinge due to ~20% diss	- po occurs as smears
										m.g. plagioclas.	on foln planes.
										Foln is highly regular	
										and oriented at 27°-32°.	
										The unit contains ~1-2% qtz	
										veins with minor feldspar	
										+ lt grn chl.	
22.42	28.55	chl phyll	dk grn-gy	f.g.	fotd	chl+	py, po	locally	91%	thinly bndd - regular foln.	tr py, tr po
		(05)				minor plag+		highly fract		throughout except in highly	- py occurs as c.g.
						minor ser				veined regions.	diss euhedru throughout
										Foln ranges from 31°-38°	and locally concentrated
										locally in regions associated	into thin strs parallel
										with qtz veins the phyll is	to foln.
										highly sericitic.	- po occurs as flattened
										@ 25.55 - 25.69 there are	diss blebs throughout.
										thin bnds of qtz-chl phyll	
										that are complexly folded and	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										sheared. The unit contains	
										~2% qtz veins that locally	
										contain lt grn chl + plag.	
										The veins have locally been	
										folded and contain fractures	
										perpendicular to the vein.	
										The core is locally fractured	
										especially @ 24.33 - 24.38,	
										25.84 - 25.91 and @ 27.43 -	
										27.67.	
										Plagioclase occurs locally as	
										m.g. diss grns especially in	
										zones associated with veining.	
28.55	29.12	qtz-chl phyll	med grn	f.m.g.	fotd	chl	po, py		100%	thinly bndd locally tightly	tr py, tr po
		(06)				minor plag				folded. An earlier metamorphic	- py occurs as m.c.g.
										fabric(S_2) is folded and disrupted	diss euhedra and
										by the regional foln(S_3) - axial	subhedra throughout.
										planes of the small scale folds	
										are parallel to the foln which	- po occurs as irregular
										is oriented @ 27^{o}-35^{o}.	blebs within qtz-feld-
										The regional foln is best devel-	spar veins.
										oped in zones with a decreased qtz	
										component.	
										The unit contains ~3% qtz	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- feldspar veins.	
										- minor diss m.g. plag occurs in zone with an increased qtz component.	
29.12	38.77	chl+chl-ser phyll (05)	dk grn-gy	f.g.	fotd.	chl+ser +minor plag	po, py		100%	thinly bndd - locally siliceous with interbndd Qte and qtz-chl phyll @ 30.74-30.79, 30.84-30.93, 31.66-31.82, 34.38-34.48, 36.35-36.38, 36.44-36.60, 37.22-37.27, 37.34-37.39, 37.77-37.79, 37.98-38.00, 38.35-38.50, 38.60-38.61, 38.72-38.74. Foln is highly regular except in v. local zones associated with qtz-feldspar veins. Folding occurs locally as mod. assymetrical. open folds that have sharp fold noses that are locally disrupted. A fold @ 29.53 has a f.ax of 88° and an axial plane at 76°. A fold @ 31.77 with qtz-chl phyll has a f.ax of 78° and an axial plane at 75°.	tr po, tr py - po occurs locally as thin strs and blebs usually associated with qtz-feldspar veins. Two thicker strs occur @ 36.16 - 36.19 (~0.3 cm wide). po also occurs as flattened diss grns and smears on foln planes. - py occurs as m.g. diss subhedra through-out.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Foln range from 26^{o}-36^{o}.	
										The unit contains ~1%	
										qtz veins which locally	
										contain up to 50% feldspar.	
										Locally the thinner veins	
										crudely parallel the foln.	
										The larger qtz-feldspar	
										veins are more irregular.	
										- plagioclase occurs as m.g.	
										diss grains locally within	
										the siliceous zones.	
38.77	38.95	qtz-chl phyll	lt gy-grn	f-m.g.	fotd	chl+plag	py		100%	thinly bndd - evenly bndd	tr py as sparsely distri-
		(06)								with thin dk bnds of chlorite	buted f-m.g. diss euhedra.
										material separated by qtz	
										rich bands.	
										Foln is fairly regular	
										and oriented @ 27^{o}-29^{o}	
										these foln are cut by	
										a weakly developed foln	
										that has remobilized	
										chlorite into bands that	
										cross-cut the dominant	
										foln. These foln are	
										oriented @ 38^{o}-40^{o}.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										plagioclase occurs	
										within the qtz rich bnds	
										as m.g. diss grns.	
38.95	39.77	chl-ser phyll	dk grn-gy	f.g.	fotd	chl+ser	py, po		100%	thinly bndd - regular foln	
		(05)				+minor plag				throughout. Foln oriented	
										@ 38°-42°. The unit	
										contains ~1% feldspar-	
										qtz veins which are thin	
										and roughly parallel	
										the foln.	
										The unit becomes increasingly	
										sericitic and siliceous towards	
										39.77. In the more siliceous	
										zones plag occurs as m.g.	
										diss grains (up to 20%).	
39.77	42.44	Lst	white-	m.g.	bndd	minor ser	py, Zns, pbs		95%	weakly bndd with local	tr Zns, tr py, tr pbs
		(03)	lt gy							folds. Bnding is oriented	
										@ 25°-27°. Axial planes	- Zns occurs as v.thin
										of the folds parallel	discontinuous strs and
										the bnding.	diss f.g. xtals. Zns
										The unit becomes darker	is red. Stns roughly
										in colour towards 42.44	parallel the foln.
										The unit contains ~5%	- py occurs as sparsely
										Ca-qtz veins throughout	diss euhedra throughout.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										with a large ca-qtz vein	- pbs occurs as m.g.
										@ 41.36 - 41.52. Qtz	diss xtals associated
										occurs within the veins	with Zns stns @ 40.17.
										as a minor component and	
										consists of rounded irregular	
										blocks within Ca.	
42.44	44.87	Lst	med-dk gy	f-m.g.	bndd-speckled	minor ser	py		100%	weakly bndd with minor	- tr py as sparsely
		(02)								interbndd argilliceous bnds.	diss m.g. euhedra.
										The unit has a speckled	
										appearance between 42.83	
										and 43.52. The unit	
										contains ~5% c.g. Ca sweats	
										that are locally displaced	
										along minor slip planes	
										that now contain ca veins.	
										The slips are oriented @	
										~10° and show displacement	
										of less than (0.5 cm).	
44.87	45.72	Lst	lt gy	f-m.g.	bndd	minor ser	py, pbs		100%	med-thickly bndd.	tr py, tr pbs
		(03)								bnding is oriented @ 20°-	- py occurs as m.g. diss
										25°.	euhedra.
										Unit becomes darker towards	- pbs occurs, as m.g. diss
										45.72.	xtals associated with -
										The unit contains ~ 1% Ca-	qtz-feldspar veins-

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										qtz veins that crudely	
										parallel the bnding.	
										The unit also contains	
										tr qtz-feldspar veins.	
45.72	52.85	Lst	med dk	f-m.g.	bndd		py		100%	thinly-thickly bndd-minor	- tr py as f.g. diss
		(02)	gy							interbndd f.g. argilliceous	euhedra within the
										horizons.	argilliceous bnds.
										bnding in orientated @ 18°-	
										30°.	
										The unit contains ~20%	
										ca sweat veins.	
										These ca veins are locally	
										folded into irregular	
										stigmatic folds that have	
										axial planes roughly	
										parallel to the bnding.	
										Ca sweat content increases	
										towards 52.85 and locally	
										reaches concentrations	
										of up to 70% over a metre.	
52.85	54.04	Lst	white -	f-m.g.	mass-	qtz+minor	Zns, po		100%	weakly bndd with minor sericitic	tr Zns, tr py
		(03)	lt g		bndd	ser +plag				bnds. Bnds oriented @ 20°-23°.	- Zns occur as orange
										The unit is locally highly silici-	f.g. diss grains con-
										fied with increased silicification	centrated in strs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										towards 54.04.	parallel to bnding.
										The unit contains ~2% ca-qtz veins. Veins between 53.96 and 54.04. The Lst is ultra silicified and contains ~30% m.g. diss plag.	- py occurs as f.g. diss euhedra locally associated with diss Zns.
54.04	56.17	Ser-qtz-chl phyll (04)	med gy -grn	f.g.	fotd.	Ser+chl +minor plag	po, py		100%	thinly bndd. Locally high siliceous - the unit contains ~ 30% interbndd qte @ 54.23 - 54.40, 54.84 - 54.90, 55.13 - 55.44, 55.53 - 55.60. foln within the phyll is fairly irregular throughout especially in ser-rich zones that have been veined foln 25-39°. A fold occurs within Qte @ 54.35 which has a f.ax at 27° and an axial plane @ 30°. The unit contains ~1% qtz-feldspar veins that x-cut the foln.	tr po, tr py - po occurs as flattened diss grains and smears on foln planes. - py occurs as m.g. diss anhedra.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										The unit locally contains	
										minor m.g. diss plag.	
56.17	60.77	Qte+ser-qtz-chl-	lt dk	f-m.g.	fotd	Ser+chl+	py, po		100%	thin-med bndd interbndd	tr py, tr po
		phyll (06) + (04)	gy-grn			minor plag				unit. Locally thin interbndd,	- py occurs as m.g.
										bnding (foln) is regular	diss anhedra throughout.
										throughout and oriented @ 25°-	- po occurs v.locally as
										28°.	smears on foln. planes.
										The unit is locally folded	
										into open folds with	
										angular fold noses f.ax @	
										56.44 is @ 73° and has	
										an axial plane @ 85°.	
										The unit contains ~2% qtz-	
										feldspar veins that locally	
										x-cut the foln and are locally	
										folded. The unit locally	
										contains minor m.g. diss plag-	
										usually concentrated in thin	
										qte bnds.	
60.77	65.53	Ser-qtz-chl phyll	med gy	f.g.	fotd.	ser+chl+	py, po		100%	thinly bndd - contains minor	tr py, tr po
		(04)	- grn			minor plag				interbndd qte @ 62.85 - 62.97	- py occurs as m-c.g. diss
										and @ 64.09 - 64.14. Foln is	subhedra throughout and
										mod regular throughout and is	locally concentrated into
										oriented @ 30o-35o.	discontinuous thin stns
										The unit contains <1% qtz	that parallel

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										veins that locally contain c.g.	the foln.
										feldspar -	- po occurs as m.g. diss.
										- The unit contains minor	irregular blebs.
										m.g. diss plag within	
										thin siliceous bnds	
										throughout.	
65.53	66.77	Qtz-ser phyll	med. gy	f-m.g.	fotd.	ser+plag	py		100%	thin-med bndd, fairly	tr py - as m.g. diss
		(07)	(yellowish)							regular foln throughout	subhedra.
										oriented @ 30°.	
										The unit contains ~5-10%	
										m.g. diss plagioclase, con-	
										centrated within qtz rich	
										bnds. The unit contains tr	
										amts of feldspar-qtz veins	
										that roughly parallel the foln.	
66.77	67.71	Ser-qtz-chl phyll	med-dk	f.g.	fotd	ser+chl+	py, po		100%	thinly bndd with a minor bnd	tr po, tr py
		(04)	gy			biotite+ plag				of Qte @ 67.39 - 67.43 foln	- po occurs as thin discon-
										are fairly regular throughout	tinuous strs that crudely
										foln is @ 35°-40°. A fold	parallel the foln.
										occurs @ 67.63. The fold is	- py occurs as m-c.g. diss
										open and asymetrical and has	anhedra.
										a f.ax of 78° and an axial	
										plane of 65°.	
										m.g. diss plag occurs dominantly	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										within siliceous bnds.	
										biotite occurs locally	
										as porphyroblasts diss	
										throughout.	
67.71	73.65	Qte	lt gy	f-m.g.	fotd.	ser+chl	py, po, X		100%	Thinly bndd mass.	1% X, tr py, tr po
		(06)				+plag				The unit contains several	
										interbndd chloritic units.	X - occurs as f.g.
										Chl-ser phyll occurs @ 70.54-	subhedra diss throughout.
										70.81, and 71.34 - 71.74.	The mineral is black with
										qtz-chl phyll occurs @ 72.21-	a vitreous to metalic
										72.24, and 72.61 - 72.94.	lustre. It has a black
										Foln is not very well developed	streak, a hardness of ~5
										within the qte.	and appears to have one
										Foln is oriented @ 32°-36°.	well developed cleavage
										Folds are present @ 72.90 -	it has a crystal form
										73.27 which are open asymetrical	similar to that of chromite
										folds with a f.ax of 86° and	and magnetite. It's
										an axial plane @ 77°.	apparantly non magnetic.
										The unit locally contains	
										minor m.g. diss plagioclase	- py occurs as f-m.g.
										- often associated with zones	diss subhedra throughout.
										of increased chl content.	- po occurs as m.g diss
										- The unit contains ~2%	blebs and as thin irreg-
										qtz veins that locally.	ular, discontinuous strs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										contain minor feldspar	
										+ lt grn chl.	
73.65	75.20	chl-qtz phyll	med dk	f.g.	fotd.	chl+minor plag	po		100%	V. thinly bndd locally highly	tr po occurs as diss
		(05)	grn							siliceous - general decrease	flattened blebs and
										in chl away from 73.65.	smears on foln planes.
										- generally highly regular	
										foln throughout.	
										Foln is oriented @ 27^{o}-34^{o}	
										locally within siliceous	
										regions minor m.g.	
										diss plag occurs.	
										< 1% qtz-feldspar veins	
75.20	75.52	Qte	lt gy	f.g.	fotd.	ser	X		100%	mass-thinly bndd	tr X as f.g. diss
		(06)			folded					poorly developed foln @ 27^{o}-32^{o}	subhedra concentrated
										a fold occurs in the centre of	on foln planes.
										the unit. The fole appears to	
										be isoclinal and has an axial	
										plane parallel to the foln.	
										~ 2% qtz veins with minor	
										c.g. feldspar.	
75.52	75.92	Qtz-chl phyll	med grn	f.g.	fotd.	chl+ser+ plag	py, po		100%	thinly bndd - unit contains	tr py, tr po
		(06)	- gy							chl-ser phyll bnd @ 75.52 -	- py occurs as m.g.
										75.57. Foln are regular	diss anhedra throughout.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										within the unit except in the chl-ser phyll foln is oriented @ ~35° - unit contains minor m.g. diss plag.	- po occurs locally within the chl-ser phyll as m.g. irregular blebs.
75.92	76.47	chl-ser-qtz phyll (05)	med dk grn-gy	f.g.	fotd veined	chl, ser plag	po, py		100%	- thinly bndd - with highly irregular foln in veined regions. Foln is oriented @ 36°-40°. The unit contains ~10% qtz veins which contain lt grn chl + m.g. feldspar. The unit contains minor diss m.g. plagioclase concentrated towards 76.47.	tr po, tr py - po occurs as irregular blebs and thin selvages in qtz veins. - py occurs as c.g. diss anhedra.
76.47	77.30	Qte (06)	lt gy	f.g.	fotd. folded	ser, chl plag	po, X		100%	thinly bndd - highly irregular folns due to local tight folds present. Foln is oriented @ 26-38° chl+ser occur on foln planes chl locally occurs as diss porphyroblasts. Locally the unit contains minor m.g. diss plag.	tr po, tr X - po occurs as c.g. irr-egular blebs locally within the unit. - X occurs as f.g. diss subhedra throughout and locally concentrated on foln planes.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
77.30	77.56	qtz vein	white	c.g.			po, cpy	med fract	100%	massive qtz vein	1% po, tr cpy
		(13)								(99% qtz)	- po occurs as an irregular
										vaguely fractured in	mass that locally penetrates
										several directions.	along fracture planes.
											- cpy occurs as thin wisps
											associated with po blebs.
77.56	81.24	Qte	lt dk	f-m.g.	weakly spotted	chl+ser+	As, Po,		100%	thinly bndd - mass	- tr po, tr pbs, tr Zns, tr As
		(06)	grn-gy		fotd.	minor plag	Pbs, Zns			The unit contains interbndd	- po occurs as thin strs
										chl-qtz phyll @ 78.14 - 78.24,	associated with qtz veins,
										78.69 - 78.94, 80.79 - 80.87	and as diss flattened grains
										and a chl-ser Qtz phyll @	and smears on foln planes.
										79.50 - 79.97.	- pbs occurs @ 80.36 as m.g.
										The units are locally spotted	xtals within a thin qtz
										with m.g. chl porphyroblasts.	vein, it is associated with
										These porphyroblasts are	Zns+As.
										highly concentrated in the	- Zns occurs as red m.g. xtals
										chloritic phyllites (up to 5%)	associated with pbs+As.
										- earlier metamorphic fabrics	- As occurs as f.g. xtals
										occur and are disrupted and	associated with pbs-Zns.
										folded to the regional foln	
										which is weakly developed in the	
										Qte.	
										Small isoclinal folds occur with	
										axial planes parallel to the foln.	
										The unit locally contains tr m.g. diss plag.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
81.24	82.28	Qtz-Chl-Ser phyll (06)	med gy -grn	f.g.	fotd.	ser+chl	po, py		100%	thinly bndd unit grades towards 82.31 into a Qtz-ser phyll. Foln are fairly regular throughout. Foln range from 45° near 81.24 - 30° near 82.31. The unit contains minor qtz veins that are sub-parallel to the foln and contain minor feldspar.	tr po, tr py - po occurs in thin strs that parallel the foln. and as smears on foln planes. - py occurs as m.g. diss subhedra sparsely dis-tributed throughout.
82.28	83.06 (actual length = 0.83 m)	Qtz-ser phyll (07)	lt grn - gy	f.g.	fotd.	ser	py, po		100%	thinly bndd fairly regular foln throughout. Foln ranges from 25°-30°. A large qtz vein occurs at 82.86 - 82.94. A small fold occurs @ 83.05 with a f.ax of 35°.	1% py, tr po - py occurs as c.g. subhedra concentrated into irregular strs and blebs within the qtz vein @ 82-86 - 82.94. - po occurs as thin strs parallel to the foln. locally the strs x-cut the foln at a low angle.
83.06	83.28	M.S. (12)	brassy-silver	c.g.	locally milled locally Brx	ser	As, py, pbs, Zns		100%	60% As 30% py 2% Zns tr pbs	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										2% ser phyll frags	
										8% Qtz gangue	
										The unit can be broken up	
										into two zones.	
										The first zone is from 83.06-	
										83.14 and consists of a milled	
										zone that contains ~30% rounded py grains in a f.g.	
										matrix 50% py + 20% As + 25% red Zns. This zone is bounded	
										near 83.06 by a qtz rich band that contains ~50% m.g.	
										subhedral As + ~2% m.g. pbs. The lower contact @ 83.14	
										is a gradational contact into the next zone which is an As	
										brx. The second zone is As breccia consisting of 80%	
										v.c.g. fractured subhedral As in a qtz gangue which occurs	
										@ 83.14 - 83.28.	
										The hole unit has a contact @ 83.06 which is at an angle of	
										45°.	
										The lower contact @ 83.28 is @ 60° and is in contact with	
										a quartz vein that contains 5-10% sulphides.	
83.28	83.57	qtz vein	white	c.g.	vein	ser	As, Zns,		100%	qtz vein with ~5% sulphides	3% As
		(13)					py			vein varies from white to grey.	2% Zns
											tr py
											- As occurs as m-c.g.
											subhedra in irregular
											strs and blebs.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- Zns occurs as m.g. red
											xtals in thin irregular
											stns and blebs.
											- py occurs as m.g. subhedra
											diss within As + Zns stns.
83.57	83.62	M.S.	brassy	m.g.	milled		py, Zns,		100%	85% py	
		(12)					As			5% Zns	
										5% As	
										5% qtz gangue	
										unit consists of 50% c.g. fract and rounded grains within	
										a matrix of ~40% f.g. py + 5% red Zns + 5% f.g. As in a	
										qtz gangue.	
										The contact @ 83.57 is abrupt and oriented @ 60°.	
										The contact @ 83.62 is abrupt as oriented @ 65°.	
										- c.g. pyrite bnds occur @ both contacts.	
83.62	84.11	Qte	lt gy -	f.g.	fotd.	ser	Zns, As,		100%	thinly bndd and folded into ~1% py	
		(06)	grn		folded		py			open folds with a f.ax at 87°. tr Zns	
										The unit locally grades into tr As	
										a qtz-ser phyll. - py occurs as c.g. subhedra	
										Foln ranges from 0°-85°. in blebs and stns often	
										The unit contains ~30% qtz associated with qtz veins.	
										veins which crosscut the foln. - Zns occurs as red irregular	
											strs associated with py

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- As occurs as f-m.g.
											subhedra diss throughout.
84.11	84.27	M.S.	brassy	f-c.g.	milled	ser	py, As,		~100%	60% py	
		(12)					Zns, pbs			10% As	
										2% Zns	
										tr pbs	
										25% qtz-feldspr vein	
										3% ser phyll frags	
										The unit grades from a zone of 90% c.g. fractured pyrite	
										with 5-10% f.g. As +~5% m.g. red Zns at 84.11 - 84.14 to	
										a zone @ 84.14 - 84.27 of milled texture M.S. consisting	
										of ~10% rounded c.g. py + 5% c.g. rounded As in a f.g.	
										matrix of 70% py + 5% As +~1% Zns (red).	
										The milled zone is cut by a qtz-feldspar vein @ 84.17 -	
										84.20 that contains ~3% m.g. remobilized red Zns + tr f.g.	
										pbs. - frags of ser phyll occur throughout and are	
										boudinaged.	
										- contact @ 84.11 is abrupt and is oriented @ 80% and	
										roughly parallels the foln.	
										- contact @ 84.27 is abrupt and is oriented @ 30° and	
										appears to be on a slip plane.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
84.27	85.56	Qtz-ser phyll	lt grn -	f.g.	fotd	ser+	Zns, py		100%	thinly bndd - highly irregular	tr Zns, tr py
(actual	length 1.42 m)	(07)	gy		folded	minor chl				foln throughout the unit is	- Zns occurs as thin red
										locally chloritic.	irregular strs, subparallel
										The unit contains ~5% qtz veins.	to the folded foln a
										The unit is locally highly folded	larger stringer occurs @
										into open folds with f.ax of	84.31 - 84.32.
										37^{o}, 57^{o}, 67^{o} all within close	- py occurs as m.g. diss
										proximity to each other axial	subhedra and euhedra
										planes of these folds range	throughout.
										from 50^{o}-57^{o}.	
85.56	85.64	M.S.	dk gy	m.g.	bndd	ser	As, py,		100%	35% As	
		(12)					Zns			15% py	
										tr Zns	
										45% qtz guangue	
										5% Qtz-ser phyll	
										the unit consists of strs of f.g. and m.g. subhdral py + As	
										that parallel the foln and have an orientation of ~45^{o}.	
										The stringers are hosted with Qtz-ser phyll and have a	
										quartz gangue that is mildly calcareous.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
85.64	85.71	Qtz-ser phyll	lt gy-	f.g.	fotd.	ser	py, As		100%	thinly bndd - irregular	tr py, tr As
		(07)	grn							foln disrupted by Qtz	- py occurs as m-c.g.
										veins that roughly	diss subhedra and locally
										parallel the foln.	as thin discontinuous
										Foln ~45°.	strs within qtz veins.
											- As occurs as ultra f.g.
											diss grains and in v. thin
											strs.
85.71	85.79	Lst	lt med	m.g.	bndd	ser	py, Zns		100%	thinly bndd contact @ 85.71	tr Zns, tr py
		(03)	gy							is a gradational contact from	- Zns occurs as dk red thin
										qtz-ser phyll → lst. lower	strs parallel to banding.
										contact @ 85.79 is a bnd of	- py occurs as m.g. diss
										m.g. clean Lst ~0.5 cm wide.	euhedra.
										bnding oriented @ 47°.	
85.79	85.84	M.S.	brassy-	m.g.	bndd		As, py		100%	30% As	
		(12)	silver							30% py	
										40% Lst that is highly silicified	
										sulphides occur in thin bnds that are locally milled	
										especially near 85.79. Py and As occur associated with	
										each other both as c.g. subrounded grains and as a f.g.	
										matrix	
										contact @ 85.79 is @ 38°.	
										contact @ 85.84 is @ 43°.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	Core Recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											xtals associated with
											Zns strs.
102.63	110.06	Lst	blk	m.g.	recrystal		Py, Zns,		100%	grad. contact.	< 1% py grains (f.g.-m.g.) &
		(02)	to gy				As			Foln 29°	diss assoc. with carbon
										5% x-cutting ca veinlets	bands.
											tr Zns (honey brown) &
										- at 105.3 - 105.39 m	tr As (m.g.-f.g.) found at
										gry Lst with abundant	108.55 m with py in narrow
										ca veins and coarse lenses	(1 cm) sil ca.vein.
										- bnds highly contorted with	
										narrow broken carbon bnds.	
										foln 20°	
										106.26 - 106.38 m as above.	
										106.38 - 107.12 m broken core.	
										highly contorted with abundant	
										brecciated ca veins.	
										foln 23°	
										ca veins (max. 2 cm wide)	
										(minor sil component)	
110.06	110.15	Lst	lt gy	m.g.	recrystal		py, po		100%	foln 32°	1% f.g.-m.g. py
		(03)								1 small x-cutting ca veinlet	blebs and aggregs.
											tr po diss
110.15	112.47	Chl Phyll	blk	f.g.	fotd.		py, po		100%	foln ≈30°	2% diss Po (f.g.)
		(05)			& shrd.					minor carb f.f. increasing	1% diss and blebs py

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-6

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										towards the Lst	(f.g-m.g.)
										qtz lenses and veinlets	along foln and within
										≈ 10%-15% with minor ca f.f.	qtz lenses.
										- rock appears highly shrd	
										and is very dk with abundant	
										Fe-rich chl.	
										END OF HOLE	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)		ASSAY RESULTS					
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST			% Pb	% Zn	% As	g/t Ag	g/t Au	
47070	81.28	82.28	1.00 m		100		tr po, tr py		< 0.01	0.01	0.019	1.8	0.3	
47071	82.28	83.06	0.78		100	actual length 0.83	1% py, tr po		< 0.01	0.02	0.016	2.5	0.2	
47072	83.06	83.14	0.08		100		75% py, 20% As, 2-5% Zns, tr pbs		5.00	9.58	7.670	147.6	9.4	
47073	83.14	83.28	0.14		100		80% c.g. As		0.57	1.28	12.900	31.7	18.4	
47074	83.28	83.57	0.29		100		3% As, 2% Zns, tr py		0.06	0.64	3.410	3.4	2.1	
47075	83.57	83.62	0.05		100		85% py, 5% Zns, 5% As		5.52	11.30	1.500	110.5	5.4	
47076	83.62	84.11	0.49		100		1% py, tr Zns, tr As		0.13	0.06	0.768	7.6	0.6	
47077	84.11	84.27	0.16		100		60% py, 10% As, 2% Zns,	tr pbs	5.00	7.81	2.840	185.1	5.5	
47078	84.27	84.85	0.58		100	actual length 0.71	tr Zns, tr py		0.12	0.21	0.069	5.9	0.3	
47079	84.85	85.56	0.71		100		tr py, tr Zns		0.13	0.13	0.174	3.2	0.3	
47080	85.56	85.64	0.08		100		35% As, 15% py, tr Zns		0.68	0.23	9.030	22.2	3.8	
47081	85.64	85.79	0.15		100		tr py, tr Zns, tr As		0.20	0.37	0.787	8.2	0.1	
47082	85.79	85.84	0.05		100		30% As, 30% py		7.91	0.62	8.790	140.9	6.5	
47083	85.84	86.84	1.00		100		< 1% Zns, tr py, tr As		0.05	0.52	0.107	3.7	0.4	
47084	86.84	87.84	1.00		100		tr py		0.03	0.02	0.006	< 0.3	< 0.1	
47085	87.84	88.84	1.00		100				< 0.01	< 0.01	0.004	1.2	0.1	
47086	88.84	89.84	1.00		100		1% As, tr py		< 0.01	0.01	2.780	2.5	4.4	
47087	89.84	90.84	1.00		100		tr As, tr Zns		0.18	0.09	0.560	0.7	0.7	
47088	90.84	91.84	1.00		100		tr py		< 0.01	< 0.01	0.017	2.6	0.1	
47089	91.84	92.84	1.00		100		tr py, tr As, tr Zns		0.07	0.02	0.119	1.9	0.2	
47090	92.84	93.84	1.00		100		<1% As, tr Zns		0.05	0.02	1.180	5.4	2.1	
47091	93.84	94.84	1.00		100		tr py, tr Zns, tr As		0.04	0.06	0.519	0.3	0.4	
47092	94.84	95.84	1.00		100		tr Zns, tr py		0.08	0.07	0.128	3.9	0.2	
47093	95.84	96.84	1.00		100		tr py, tr Zns		0.03	0.03	0.014	1.4	< 0.1	
47094	96.84	97.84	1.00		100		tr Zns, tr py, tr As		< 0.01	0.05	0.115	1.7	0.3	
47095	97.84	98.84	1.00		100		tr As, tr py, tr pbs		0.01	< 0.01	0.006	< 0.3	< 0.1	

DRILL HOLE NO. 84-6

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47096	98.84	99.84	1.00		100		tr Zns, tr py, tr pbs	0.01	0.01	0.015	< 0.3	< 0.1		
47097	99.84	100.84	1.00		100			0.01	0.01	0.008	0.7	< 0.1		

DRILL HOLE NO. 84-6

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

DRILLING CO.	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 8, 1984	PROJECT: J&L
CONNORS	-N-	COLLAR	- 44.4°	224.4°	DATE COMPLETED: October 9, 1984	N.T.S.: 82M/8E
		38.10 m	- 43.5°	227°	COLLAR ELEV.: 838.463	LOCATION: 10,820 x-cut
		68.58 m	- 44°	226°	NORTHING: 9,942.830	
					EASTING: 10,819.698	
					AZIMUTH: 222°	
					DEPTH: 70.10 m	DATE LOGGED: October 9 & 10, 1984
HOLE TYPE DDH					CORE SIZE: B.Q.	LOGGED BY: C.O. & R.P.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.61	Lost core							0		
0.61	6.29	Chl-qtz phyll (05)	dk.gy grn-blk	f.g.	fotd.	chl+minor ser	Po	highly fract. 0.61-0.77	100	Thin-med. bndd., well fotd. Local interbndd. qte (0.79-0.89; 1.53-1.61; 1.75-2.04; 2.93-2.96; 3.01-3.04; 3.10-3.51; 3.80-3.85; 4.86-4.95; 5.79-5.95). Chl phyll with minor ser 3.85-4.52. Foln. 68°-79°. S_2 bndg. folded and disrupted by foln. (S_3); 2% qtz lenses.	Tr Po smeared on foln. surfaces and as blebs in qtz lenses.
6.29	6.91	Chl-ser phyll (05)	med.-dk. gy-grn	f.g.	fotd.	chl+minor ser	Po		100	Thin-med. bndd. well fotd. Foln. 70°-80°. Bands disrupted by foln. ~3% wh. qtz lenses, contorted 6.62-6.71.	Tr Po smeared on foln. surfaces and as blebs in qtz lenses.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
6.91	8.30	Qtz-chl phyll	med. grn-	f.g.	fotd.	chl.	Po		100	-Med. bndd., well fotd. Foln.	- < 1% Po, f.g. in thin strs
		(06)	gy							70°-78°; bndg. 72°-78°. Bndg.	parallel to foln. and
										truncated by foln. in places.	smeared on foln. surfaces.
8.30	32.67	Chl-qtz phyll	med.-dk.	f.g.	fotd.	chl + minor	Po,Py		99	-Med. faint bndd., well fotd.	- 1% Po, f.g., in thin strs
		(05)	grn gy			ser				80-85°. ~2% wh. qtz lenses	parallel to foln. and in
										contain ≤10% feldspar and	qtz lenses and smeared on
										< 1% ser. (8.38-8.49; 13.15-	foln. surfaces.
										13.23; 15.42-15.57; 18.75-	- Tr Py, m.g., scattered cubes
										18.81; 20.81-20.91; 21.13-	½-1 mm and smeared on foln.
										21.24; 21.68-21.72; 22.93-	surfaces.
										23.12; 23.40-23.57; 25.75-	
										25.88; 26.50-26.63; 27.68-	
										27.75; 30.43-30.46; 31.21-	
										31.25).	
										-Local bands of qtz-chl phyll	
										(9.03-9.07; 9.84-9.89; 12.00-	
										12.07; 13.15-13.23; 17.06-	
										17.07; 18.52-18.58; 20.02-	
										20.05; 24.42-24.55;25.36-	
										25.54; 26.30-26.38; 27.13-	
										27.26).	
										-Two bands qte (31.86-31.91;	
										31.94-32.03).	
										-Several gouge zones (22.51-	
										22.61; 23.32-23.40; 27.50-27.57).	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										-Broken core 23.15-24.08;	
										~25 cm lost.	
										-Folds: 29.02-fairly open,	
										slip on foln. has sheared	
										one limb, prob. F3; 30.93-	
										kink, AP=25°, FA=80°.	
										-Fractures filled with felds.	
										at 30.39 & 30.43, ~65°.	
32.67	33.23	Lst.	lt. med.	f.g.	fotd.	ser	Py		100	-mod. well fotd. 75-85°	- Tr py; m.g.; diss.
		(03)	gy							-med. bndd., 75°-85°	
										-ser on some foln. surfaces	
										-contact w/carb lst. below	
										is 85°	
33.23	36.19	Carb lst.	dk. gy	f.g.	fotd.		Py		100	-mod. well fotd., 83°-87°	- Tr Py, f-m.g., diss.
		(02)								-f-med. bndd.; 1-15 mm;	
										75°-80°	
										-cb sweats 1-10 mm; concen.	
										33.23-33.32; 33.83-33.96;	
										34.40-34.41; 34.95-35.70;	
										55°-90°, most 70°-80°;	
										~ 2% of rock.	
										-Some thin carb bands sheared.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
36.19	36.58	Lst.	lt.-med.	f.g.	fotd.	minor ser	Py		100	-mod. well fotd., 75°-80° at	- Tr Py, f.g., diss.
		(03)	gy							ends of zone, 65° in centre	
										-med. bndd., bands parallel to	
										foln.	
										-ser on a few foln. surfaces	
										-wh. qtz lens, 36.33-36.34	
										~20% feldspar.	
										-broken core 36.24-36.31.	
36.58	41.88	Carb. lst.	med.-dk.	f.g.	fotd.		Py, Zns		100	-mod. well fotd., 70°-85°	- Tr Py, f-m.g., diss.
		(02)	gy							-f-med. bndd.; bands ½-15 mm,	- two ½ mm thick Zns bands at
										½-1 mm most common; 65°-85°;	39.08, f.g., med. brwn, 90°.
										folding common.	
										-folds: 39.48-tight chevron,	
										AP=80°, FA=90°, 40.09-iso.,	
										rounded, AP=85°, FA=85°;	
										40.17-fairly broad, open,	
										AP=80°, FA=90°; 40.42-rounded	
										hinge, straight limbs, shearing	
										along foln. in hinge, AP=90°,	
										FA=90°; 40.56-chevron, AP=85°,	
										FA=85°; many other less well	
										def. folds; folds are basically	
										similar, fold bndg., dom. foln.	
										is AP.	
										-cb. sweats fairly common; 1-8 mm;	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										70°-80°; fairly evenly dist.	
										through unit; < 1% of rock	
										-slip along foln. planes appears	
										to be common	
										-broken core 38.88-39.00	
41.88	42.25	Lst.	gy	m.g.	fotd.	sil.	ZnS,PbS,		100	becoming darker and more sil.	7-10% ZnS strs & diss.
		(02)			shrd.		Py			downwards	(80% red, 20% honey)
										foln. 72°	2-3% v.f.g. PbS str. grains
										ZnS strs foln. 90°-75°	tr f.g. Py blebs
											7% white ca. veins & lenses
42.25	42.48	M.S.		f.g.-m.g.			ZnS,PbS		100	lst, sil matrix	60% honey ZnS lacework
		(12)								minor partially open fracts	3% PbS (m.g.-f.g.) mostly
										(irreg. $\approx 14^{\circ}$)	at bottom of unit
											3-5% clear to translucent
											qtz veinlets and rounded to
											subrounded lenses
											5% ca. lenses and strs
42.48	43.95	Lst.	gy	m.g.	fotd.	sil.	ZnS,PbS,			20% ca. bnds & lenses &	15% ZnS strs & diss. & blebs
		(02)			fract.		Py,Po			tension gashes; at 42.56-	(60% red, 40% honey)
										42.58 m ca. bnd.	honey mostly concen. down to
										w. foln. 53°	42.78 m.
										at 43.475-43.495 m ca. bnd.	2% PbS, f.g. blebs mostly
										w. foln. 73°-80° (minor lst.	at 43.31 m & assoc.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										frags)	with qtz lenses/strs.
										10% sil. patches (white)	1% Py, rounded to subrounded
										w. interstitial ca.	grains
										minor open fracts (some	tr Po str with Py
										ca. healed) (most at $\approx 009^{o}$)	
										-at 43.85-43.92 Lst. is bk. &	
										sil.	
43.95	45.05	Lst	gy	m.g.	fotd.		ZnS,Py		100	minor carbonaceous bnds.	3% ZnS strs & diss.
		(02)			rexystal					at 44.53-44.58 m,	(red to honey to creamy white)
										44.70-44.72 m &	1% f.g. Py blebs
										44.88-44.91 m	sulphides mostly parallel to
										foln. 88^{o}	foln.
										v. vague ptygmatic folding	
										minor gy qtz blebs	
										10% ca. strs & lenses,	
										irreg. & along foln.	
										unit is lighter colour than	
										above unit	
45.05	45.23	Lst	gy	m.g.	rexystal	ser	ZnS,Py		100	foln. 90^{o} (minor slip & gouge)	2% ZnS strs & diss. (red)
		(03)								ser bnds. (thin)	<1% f.g. Py blebs
										5% ca. bnds & lenses	
										assoc. with ser bnds.	
										(mostly near top of unit)	
										open fract. parallel to ca.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
45.23	45.72	Qte	dirty	f.g.	fract.		ZnS,PbS		98	minor cb. f.f. (mostly at f/w)	15% ZnS strs & lacework
		(06)	white							minor slips at 80°	(concen.; honey lacework at
										(mostly at top of unit)	45.48-45.67 m)
											<1% PbS f.g. blebs mostly
											within bottom 4 cm
											tr Py, f.g. blebs
45.72	46.24	M.S.		f.g.	shrd.		Zns, Pbs,		100	shrd qtz + sulph. with	30% ZnS (mass. & strs)
		(12)					As, Py,			cb f.f. (broken core) from	20% f.g.-v.f.g. PbS
							Cpy			45.72-45.88 m	(M.S. bnd is hi in PbS)
										(contains the Cpy & Py);	1% As; f.g.
										first 16 cm is qtz-rich, then	<1% Cpy blebs
										14 cm of M.S. & then 22 cm	tr Py f.g. cubes
										with qtz-ser	
										10% irreg. white qtz blebs &	
										lenses	
										5% translucent dk. qtz lenses &	
										patches (mostly within M.S. bnd.)	
										qtz up to 1 cm across	
										10% ser & qtz-ser patches	
46.24	46.48	Ser-Qtz Phyl	grn-gy	f.g.	fotd.		Zns, As,		100	foln. 80°-90°	3-5% ZnS (red) strs & diss.
		(04)			shrd.		Py, Cpy,			cb. f.f. & patches	1-2% As (f.g.-m.g.) rounded
							Pbs			minor slips at	to subrounded, brecc.,
										46.25 m, 46.42 m, 46.50 m,	mostly at 46.67-70 m & at
										46.56 m, 46.64 m, 46.78 m,	46.805 m.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										46.83 m & 46.89 m.	<1% Cpy patches; at 46.77 m
										folded f/w contact	<1% Py f.g.-m.g.
										(F.A. perpend. to c.a.)	<1% Po strs & diss.
											tr PbS, f.g.
46.84	46.96	M.S.					PbS,ZnS		100	5% white cb lenses	50% f.g. PbS
		(12)								(med.-coarse)	20% f.g. ZnS (red)
										15% dk. translucent qtz	narrow lt. red
										lenses (irreg.)	ZnS str. at f/w
										5% white qtz lenses	
										5% ser. lenses	
46.96	47.24	Ser-Qtz Phyll	grn-gy	f.g.	fotd.		ZnS,Py,		100	decr. in sil to f/w	5% ZnS (red to brn.) strs,
		(04)			shrd.		As,Meneg.			minor cb. f.f. (mostly	mostly at h/w, middle & f/w
										at h/w)	(irreg.)
										minor qtz strs & lenses	1-2% Py, f.g.-m.g. (mostly
											at 47.08 & 47.12 m)
											1% As f.g.
											- appears at one local that
											Py is replacing As (?)
											tr Meneg. (v.f.g.) at 47.04 m
											- visible Py is brecc.
47.24	47.93	M.S.		f.g.-c.g.	shrd.		Py,ZnS,		100	minor cb. f.f.	40% Py (f.g.-c.g.) brecc.
		(12)					As			mostly a sil matrix	20% As (f.g.-c.g.) brecc.
										+ minor ser. (incr. to f/w)	concen. at 47.36 m, 47.44 m;

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										more sil. sections	47.50 m, 47.56 m & 47.58-
										contain more As	47.72
											10% ZnS (red to brn.) lace-
											work & diss. (seems to over-
											print the Py & As).
											most As & Py is rounded to
											subrounded (up to 1 cm across)
											small As concen. at f/w
47.93	48.36	Qtz-Ser Phyl	grn-gy	f.g.	fotd.		Py,As,		100	more sil to f/w	7% Py (f.g.-m.g.) blebs &
		(07)			shrd.		ZnS			with ser. lenses	cubes & concen. in bnds; at
										bnds. at 80°	48.13 m, 48.28 m
										minor qtz (±feld) veinlets	5% As (f.g.-c.g.) blebs,
											brecc. concen. at 48.095-
											48.125 m & 48.18 m.
											1-2% ZnS strs (brn. to red)
											appears to be replacement of
											As by Py (?)
48.36	48.60	M.S.					Py,As,		100	sil matrix + cb f.f.	40% Py (f.g.-c.g.) rounded
		(12)					ZnS,PbS				to subrounded, brecc.
											10% As (f.g.-c.g.) rounded
											to subrounded, brecc.
											12% ZnS (red to lt. brn.)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											strs up to 0.75 cm wide
											1-2% PbS (f.g.) scattered
											grains concen. at 48.57 m
48.60	49.10	Ser-Qtz Phyll	grn gy	f.g.	shrd.		ZnS,Py,		100	foln. 80°-90°	10-15% ZnS (red to brn.) strs
		+ Qtz					As,PbS				
		(04 + 13)									2% Py (f.g.-m.g.) scattered
											blebs
											2% As (v.f.g.-m.g.) concen.
											at top of unit; m.g. bnd.
											underlain by v.f.g. As bnd.
											(3 mm wide) with abundant
											ZnS and Minor m.g. As
										last 12 cm is a qtz	tr PbS
										vein with (f/w contact	
										at 85°) narrow ser bnds	
										(up to 1 cm wide)	
										which contain Py-As-ZnS	
										& a tr. of PbS	
49.10	49.67	M.S.		v.f.g.to	shrd.		ZnS,Py,		100	10% white qtz; coarse	30% ZnS (red to lt. brn.)
		(12)		m.g.			As			lense at 49.35-49.39 m	f.g.-v.f.g. strs
										ser-qtz matrix	17% As v.f.g. bnds with m.g.
										(lenses & irreg. bnds.)	As + Py; brecc. (bnds. to
										qtz is well fract.	3 cm)
										-irreg. drag folding	8% Py (v.f.g.-m.g.)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										AP=60°	- sulphides are rounded to
											subrounded
											- concen. of ZnS at h/w
											- appears to be an overprint
											of Py on some As bnds.
49.67	50.62	M.S.		v.f.g.-	milled		As,ZnS,		100	10% ser-qtz + sulphs	50% As (v.f.g.-m.g.) rounded
		(12)		m.g.			Py			highly folded + refolded at	to subrounded, brecc.
										50.36-50.46 m	10% ZnS (red to brn.) f.f. &
										(AP parallel to c.a.)	strs. v.f.g. to f.g.
										slip at 50.01 m at 35°	10% Py (v.f.g.-m.g.) mostly
										-sil. matrix	at h/w and f/w
											- appears to be an overprint
											of ZnS & Py on the As
50.62	51.23	Ser-Qtz Phyll +	grn-gy	f.g.	shrd.		As,ZnS,		79	-cb. f.f. (minor) throughout	5% As (v.f.g.-m.g.) rounded
		M.S.					Py,Cpy			-concen. of white qtz at h/w	to subrounded, brecc.
		(04 + 12)								-M.S. bnds. at 65°	2-3% ZnS (red to brn.) strs
										-minor white qtz veinlets	1-2% Py (f.g.-m.g.) blebs
											tr Cpy f.f. at h/w
											As + Zns concen. in M.S.
											bnds. at 50.72-50.77 m &
											50.93-50.97 m bnds. have
											sil. matrix

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
51.23	51.38	M.S.	gy	v.f.g.-	milled		As,Py,		100	sil. matrix (incr. to f/w)	60% As (v.f.g.-m.g.) matrix
		(12)		m.g.			Cpy			minor rounded white qtz	& blebs
										blebs	7% Py (f.g.-m.g.) blebs
										< minor ca. lenses	rounded to subrounded
										minor ser. lenses	tr Cpy f.f.
51.38	51.68	Qte+Qtz-Ser Phyll	dirty	f.g.	fract.		Py,As,		100	-ser. at h/w & above	5% Py (f.g.-m.g.) blebs
		+ M.S.	white		shrd.		ZnS,Cpy			M.S. bnd. (at 90°)	mostly in the Qte & Phyll
		(06 + 07 + 12)									2% As (v.f.g.-m.g.) rounded
											to subrounded & brecc.
											< 1% ZnS (v.f.g. & brn.)
											tr Cpy f.f.
											As, AnS & Cpy in M.S. bnd.
											at 51.63-51.68 m
51.68	54.08	Qte	white	f.g.	fract.		As,ZnS,		100	minor cb. f.f.	2% Py (f.g.-c.g.) f.f.,
		(06)			shrd.		Py,Po,			-at 53.19 m narrow	brecc.
							PbS			bnd. of dol. (?) after feld.	tr As (m.g.) & tr PbS (m.g.)
										-ser. f.f. throughout	at 52.22 m & 53.91 m
										(incr. to f/w)	tr Po f.f.
											tr ZnS (red str) at 52.58 m
											- c.g. Py at 52.99 m with
											tr As

DRILL HOLE NO. 84-7

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
54.08	54.95	Qtz-Ser Phyl	grn-gy	f.g.	shrd.		Py, Po,		100	> minor sil. lenses	1% ZnS str (in top 6 cm)
		(07)					Zns, Cpy			foln. 88°	3% Py (f.g.-c.g.) subrounded
											to rounded, brecc.
											1-2% f.f. & strs along foln.
											tr Cpy (f.f.)
54.95	60.81	Qte	white	f.g.	fotd.		Py, As,		100	minor ser. bnds.	1-2% Py (f.g.-m.g.) blebs &
		(06)			fract.		Po, PbS,			at 60°	f.f.
							Meneg.				< 1% As (f.g.-c.g.) at 56.60 m
										tr fuschite at 55.82 m	
										at 57.83 m small slip (70°)	tr PbS at 55.45 m
										at 58.09 m small slip (78°)	tr Meneg. at 55.98 m
										open cavities at 58.90 m	< 1% Po f.f.
										(minute qtz crystals)	
60.81	64.11	Qte+Ser-Chl-	dirty wh.	f.g.	fotd.		Py & Po		100	Qte: Phyll ≈ 60:40	1% Py (f.g.-m.g.) blebs
		Qtz Phyll	to grn.							at 62.10-62.50 Qte	> tr Po f.f. & along foln.
		(06 + 04)								-more phyll towards f/w & h/w	
										getting more chl near f/w	
										foln. 65°-70°	
										qtz-dol healed fold A.P.	
										parallel to c.a.	
										-broken core 62.99-63.13 m	
										minor qtz (±dol) veins & strs.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
64.11	66.04	Chl-Ser-Qtz Phyll (05)	gy-grn	f.g.	fotd.		Py, Po		100	foln. 68°	1% Po along foln.
										minor narrow Qte bnds.	>tr Py (f.g.) blebs
										minor qtz (±dol/barite)	tr As f.g.-m.g. in narrow
										lenses	bnd. at 65.19 m
										minor partially healed	
										fracts (30°)	
66.04	68.48	Qte (06)	wh-lt.gy	v.f.g.	fotd.	ser	As,Po,Py		100	-fairly massive, some foln.	- tr As: m.g., 1 cm thick
										surfaces, foln. 70°-80°,	irreg. band at 66.60, looks
										foln. planes spaced 2-10 mm	brecciated, 70°; also f-m.g.
										-bands ser in foln. planes,	As in thin (≤½ mm) disc.
										½-2 mm	bands (66.51, 66.53, 66.59,
										-fairly massive sections	66.63, 66.67, 66.73, 66.79,
										diffusely banded	66.96)
										-slip surface at 67.04	- tr Po, f-m.g., smeared on
										-2 feld. bands: 66.08-5 mm,	foln. planes & as thin bands
										85°; 67.10-3 mm, 85°; both	½-1 mm esp. 66.04-66.39
										fractured	- tr Py, f-m.g., diss. and
											slightly smeared on foln.
											planes
68.48	68.88	Chl-ser-qtz phyll (05)	med. grn gy	f.g.	fotd.	chl & ser	Po, Py		100	-well fotd., 70°-75°	- tr Po, f.g., smeared on foln.
										-med. bndd., 75°-85°	planes
										-f.g. wh. qtz bands at	- tr Py, f.g., diss.
										68.74 (5 mm, 80°) & 68.82 (5 mm, 80°, discont.)	
										-more chloritic towards f/w	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
68.88	69.86	Qte	lt. gy	f.g.	fotd.	chl & ser	Po		100	-mod. well fotd., 70°-80°	- tr Po, f.g., smeared on
		(06)								-med. bndd., 65°-90°, some-	foln. planes
										what irreg. in places	
										-faint suggestion of folds	
										69.47-69.72, chevron?	
										-tr felds. at 69.43 & 69.85	
										-chl & ser in foln.	
69.86	70.10	Chl-qtz phyll	dk. grn	f.g.	fotd.	chl	Po, Py		100	-well fotd., 80°	- tr Po, f.g., smeared on foln.
		(05)	gy							-fine bndd., 90°, also	planes.
										faint bands, 30° (S_1?)	- tr Py, f.g., in v. thin
										(70.02-70.10)	($<\frac{1}{4}$ mm) lenses
										-f.g. wh. qtz lens,	
										69.87-69.90	
		- END OF CORE -								- END OF CORE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47129	39.08	39.88	0.80		99	0.01	1% ZnS	0.01	0.01	0.002	2.1	< 0.1		
47130	39.88	40.88	1.00		100			< 0.01	< 0.01	0.001	0.7	< 0.1		
47131	40.88	41.88	1.00		98	0.02		< 0.01	0.03	0.001	1.4	< 0.1		
47132	41.88	42.25	0.37		100		7-10% ZnS, 2-3% PbS	1.14	4.11	0.002	25.1	0.3		
47133	42.25	42.48	0.23		100		60% ZnS, 3% PbS	0.84	36.50	< 0.001	13.2	0.5		
47134	42.48	43.31	0.83		100		20% ZnS, 3% PbS	0.33	7.16	0.004	9.8	0.5		
47135	43.31	43.95	0.64		100		10% ZnS, 1% PbS	0.18	2.92	0.001	4.8	< 0.1		
47136	43.95	44.50	0.55		100		3% ZnS	0.04	0.33	0.004	3.4	< 0.1		
47137	44.50	45.05	0.55		96	0.02	3% ZnS	0.01	0.26	0.006	0.3	0.4		
47138	45.05	45.23	0.18		100		2% ZnS	0.03	0.29	0.016	1.5	1.9		
47139	45.23	45.72	0.49		98	0.01	15% ZnS, < 1% PbS	0.72	14.40	0.017	12.7	0.3		
47140	45.72	46.24	0.52		96	0.02	30% ZnS, 20% PbS, 1% As, < 1% Cpy	13.70	16.80	0.050	193.9	0.4		
47141	46.24	46.84	0.60		100		3-5% ZnS, 1-2% As, < 1% Cpy, tr PbS	1.03	1.03	0.571	14.8	0.3		
47142	46.84	46.96	0.12		100		50% PbS, 20% ZnS	32.50	11.10	0.066	393.0	1.9		
47143	46.96	47.24	0.28		100		5% ZnS, 1% As	0.86	5.64	0.256	15.6	0.2		
47144	47.24	47.93	0.69		100		20% As, 10% ZnS	2.24	9.03	9.080	40.1	11.3		
47145	47.93	48.36	0.43		100		5% As, 1-2% ZnS	0.40	0.86	5.040	14.3	4.2		
47146	48.36	48.60	0.24		100		10% As, 12% ZnS, 1-2% PbS	2.96	11.70	6.840	120.7	22.6		
47147	48.60	49.10	0.50		98	0.02	10-15% ZnS, 2% As, tr PbS	0.66	6.94	0.781	13.3	1.1		
47148	49.10	49.67	0.57		100		30% ZnS, 17% As	1.22	6.20	8.300	34.9	9.0		
47149	49.67	50.62	0.95		99	0.01	50% As, 10% ZnS	2.42	3.58	17.700	78.7	11.1		
47150	50.62	51.23	0.61		80	0.12	5% As, 2-3% ZnS, tr Cpy	0.65	1.43	5.270	44.5	3.5		
47151	51.23	51.38	0.15		100		60% As, tr Cpy	2.74	2.13	11.500	131.3	14.7		
47152	51.38	51.68	0.30		100		2% As, < 1% ZnS, tr Cpy	1.25	0.93	4.720	39.0	4.9		
47153	51.68	52.68	1.00		92	0.08	tr As, ZnS & PbS	0.10	0.09	0.388	6.8	< 0.1		
47154	52.68	53.68	1.00		100		tr As, ZnS & Pbs	0.04	0.03	0.309	3.9	0.2		

DRILL HOLE NO. 84-7

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47155	53.68	54.08	0.40		100			0.08	0.07	0.205	6.5	0.3		
47156	54.08	54.95	0.87		95	0.04	1% ZnS, tr Cpy	0.05	1.18	0.060	6.8	< 0.1		
47157	54.95	55.95	1.00		98	0.02		0.02	0.05	0.378	6.8	< 0.1		
47158	55.95	56.60	0.65		100		<1% As	0.01	0.05	0.785	3.4	0.7		

DRILL HOLE NO. 84-7

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 10, 1984	PROJECT: J&L	
		COLLAR	- 87.3°	244.6°	DATE COMPLETED: October 11, 1984	N.T.S.: 82M/8E	
		29.87 m	- 85.5°	241°	COLLAR ELEV.: 838.473	LOCATION: 10820EX-Cut	
		60.35 m	- 82°	232°	NORTHING: 9,943.711		
		90.83 m	- 80°	234°	EASTING: 10,819.697		
		107.59 m	- 79.5°	005°	AZIMUTH: 222°		
					DEPTH: 109.12 m	DATE LOGGED: October 10, 1984	
HOLE TYPE DDH					CORE SIZE: B.Q.	LOGGED BY: C.O. & R.P.	

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.68	Lost Core							0		
0.68	1.52	Qtz-chl phyll	dk. grn-	f.g.	fotd.	chl	Po		100	-mod. well fotd., 40°-45°	- tr Po, f.g. smeared on foln
		(06)	gy							-med. bndd., bands ~parallel	planes
										to foln., somewhat disrupted	
										by foln.	
										-several f.g. wh. qtz lenses,	
										2-5 mm containing 5-10%	
										felds. (1.40-1.46)	
1.52	24.46	Chl-qtz phyll	med.-dk.	f.g.	fotd.	chl+minor	Po,Py		100	-well fotd., 35°-45°	
		(05)	grn-gy			ser.				-fine-med. bndd., bands ~	- tr Po, f.g. smeared on foln
										parallel to foln.; bands	planes
										sheared by foln. in places	- tr Py, f.g., diss. &
										-small folds common in quartz	smeared on foln. planes
										rich sections. At 21.80	
										folded qtz-felds bands	
										(½-2 mm), AP=43° (=foln.),	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										FA=75°, hinges sharp, simple	
										shear along foln.	
										-local qtz-chl phyll zones	
										(1.65-1.76; 2.86-3.20; 3.23-	
										3.35; 3.92-4.33; 4.94-5.16;	
										5.20-5.25; 5.39-5.51; 5.86-	
										6.17; 6.87-6.91; 7.96-8.01;	
										8.09-8.26; 9.53-10.17; 11.09-	
										11.63; 12.43-12.53; 13.60-	
										13.72; 16.44-16.49; 18.85-	
										18.87; 20.24-20.31; 21.04-	
										21.23; 21.34-21.52; 24.15-	
										24.37)	
										-wh. qtz lenses/bands common;	
										contain up to 10% feldspar;	
										sm. amt. ser. on foln. planes	
										adjacent to qtz lenses; Po	
										concen. in qtz; (2.00-2.08;	
										2.32-2.33; 2.67-2.68; 2.80-	
										2.83; 4.55-4.66; 7.70-7.73;	
										8.47-8.56; 8.92-9.02; 9.45-	
										9.50; 10.23-10.32; 10.48-	
										10.62; 12.30-12.31; 14.13-	
										14.21; 18.13-18.23; 20.00-	
										20.04; 20.91-20.93; 21.19-	
										21.22; 21.57-21.58; 23.16-	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-23.17; 24.33-24.34; 24.45-	
										24.47).	
										-at 24.41 m open fract. 40°	
										-at 24.46 isoclinal fold	
										parallel with c.a.	
24.46	31.18	Chl-ser-qtz phyll	med.-dk.	f.g.	fotd.	chl+ser	Po, Py		100	-well fotd., 40°-50°	- tr Po, f.g. as thin (≤ ½ mm)
		(05)	grn gy							-fine-med. bndd., bands ~	bands parallel to foln.;
										parallel to foln.; kinked	in thin (½-2 mm) qtz-felds
										foln.	bands; in thin (≤ ½ m)
										-qte bands w. ≤ 10° felds.	fractures x-cutting foln.;
										common; most ½-2 mm,	smeared on foln. planes
										parallel to foln.;	- tr Py, f.g., diss. & as
										a few thicker (25.58-	thin (≤ ½ mm) lenses
										25.59; 26.45-26.46; 26.82-	
										26.84; 27.51-27.54; 27.89-	
										27.94; 29.69-29.70); < 1%	
										of rock	
										*-gouge zone 30.48-30.58	- at 28.92-29.00 m broken
										-small kink at 30.86;	core
										AP=0°; FA=65°	
										-incr. in chl at 25.59-	
										25.74 m; 29.00-29.29 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
31.18	31.71	Qte	lt.-med.	f.g.	fotd.	chl	Po		100	-mod. well fotd., ~60°	- tr Po, f.g., smeared on
		(06)	grn gy							-med. bndd, 55°	foln. planes
										-wh. qtz lens 31.60-31.65;	
										10% felds; disrupts foln.	
										& bndg.	
										-core broken 31.46-31.60	
31.71	44.03	Chl-ser-qtz phyll	med.-dk.	f.g.	fotd.	chl+ser	Po, Py		100	-well fotd., 45°-60°, foln.	- tr Py, f.g., in thin bands
		(05)	grn gy							distorted in many places	(½-1 mm) parallel to foln.
										-fine-med. bndd., bands	- Py rich section 39.10-
										roughly parallel to foln.	39.20; Py f.g., patchy
										-foln. & bndg. commonly wavy	(1-10 mm), over prints
										-folds: 32.75-cren., AP=15°,	bndg.; ~30% Py, and <1% Po
										FA=80°; 36.90-cren., AP=25°,	within qtz-feld. shrd.
										FA=80°; 40.31-cren., AP=25°,	section
										FA=85°; all fold both bndg.	- tr Po, f.g., thin bands
										& foln.	(<½ mm) parallel to foln.;
										-local bands qtz-chl-ser phyll	Po concen. in qtz lenses,
										(32.76-32.94; 33.03-33.20;	esp. thicker ones (33.50-
										35.43-35.46; 36.16-36.21;	33.76; 37.52-37.58; 41.20-
										36.88-37.14; 37.25-37.35;	41.28; 42.65-42.81), tends
										39.21-39.35)	to occur near margins; also
										-thin bands qtz-felds common,	occurs smeared on foln.
										1-5 mm, parallel to foln.	planes
										thicker bands/lenses also	
										occur (31.43-31.46; 31.91-	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-31.94; 33.50-33.76; 34.42-	
										34.46; 34.71-34.92; 36.63-	
										36.68; 37.52-37.58; 38.18-	
										38.22; 38.64-38.68; 41.20-	
										41.28; 41.80-41.82; 41.91-	
										41.96; 42.04-42.07; 42.11-	
										42.13; 42.17-42.20; 42.65-	
										42.81); total ~ 3% of rock;	
										felds $\leq$10% of lenses	
										-at 35.80-35.84 m broken core	
44.03	47.50	Qte	med. gy &	f.g.	fotd.	chl+ser	Po, Py		100	-mod. well fotd., 45°-52°	- tr Po, f.g., thin bands
		(06)	grn gy							-faint fine-med. bndd.,	($\leq$1 mm) many discont.,
										bndg. roughly parallel to	concen. at 44.90-45.03 &
										foln., disrupted by foln.	46.16-46.19; also smeared
										in places	on foln. planes.
										-folds: 44.25-44.40, chevron,	- tr Py, f.g., diss. &
										AP=25°, FA=25°	smeared on foln. planes,
										-ser on foln. planes	less smeared than Po
										throughout section, chl only	
										in top & bottom 50 cm	
										-sm. amt. felds. in scattered	
										discont. qtz bands 1-3 mm	
										(44.98-45.01 m)	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
47.50	50.01	Chl-ser-qtz phyll	med.-dk.	f.g.	fotd.	chl+ser	Po, Py		100	-well fotd., 45°-50°	- tr Po, f.g., thin bands
		(05)	gy grn		shrd.					-med. bndd., bands roughly	(<½ mm) esp. 48.58-48.65;
										parallel to foln.	and
										-several qtz-chl phyll	concen. in qtz-felds bands;
										sections (49.45-49.55;	also smeared on foln.
										49.76-49.89)	planes
											- tr Py, f.g., diss. &
										-qtz bands 1-5 mm with	smeared on foln. planes
										up to 30% felds. common	
										throughout; felds. grains	
										½-2 mm; ~ parallel to foln.	
										-several thicker qtz lenses	
										with ≤10% felds. (49.33-49.4)	
										-minute chl clots throughout	
										-bndng. shrd. along foln. & no	
										def. folding	
50.01	53.64	Ser-Chl-Qtz Phyll	grn-gy	f.g.	fotd.		Po		100	foln. 45°-50°	-<1% Po strs
		(04)			shrd.					-qtz lenses: 50.74-50.84 m,	(50.37-50.48; 52.37 m)
										(≤10% feld.) 51.46-51.53 m	concen. in qtz-feld.
										-chl-ser-qtz phyl at 50.68-	bnds. & smeared along
										50.75 m & at 51.63-52.24 m	foln.
										-chl clots throughout (minute)	
										-slips at 50.41, 50.51, 53.17 &	
										53.59 m	
										-slip at lst contact	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-top 25 cm is more ser & at	
										this section there is long	
										open fract. ($\approx 15^{\circ}$)	
53.64	54.32	Lst.	med.-dk.	f.g.	fotd.	ser	Po, Py		100	-mod. well fotd., 45°-50°	- tr Po, f.g., smeared on
		(03)	gy		shrd.					-med. bndd, 45°-55°	foln. planes
										-ser in foln. planes	- tr Py, f.g., diss. &
										-two brecciated(?) bands	slightly smeared on foln.
										lt. gy transl. qtz (53.78-	planes
										53.83; 54.00-54.04),	- Po & Py concen. in two
										fragments 1-10 mm	qtz bands
										-contact w/ f/w carb. lst.	
										gradational	
54.32	63.70	Lst.	dk.-gy-	f.g.	fotd.		Py, ZnS		100	-mod. well fotd. 50°-55°	- tr Py, f.g., diss.
		(02)	bk.							-med. bndd., 45°-55°	$<1\%$ ZnS (red to honey)
										-wh. cb. sweats 4-20 mm	narrow strs.
										common throughout, $\sim$parallel	
										to foln.	
										-at 54.49-54.63 m Lst. (03)	
										-banding folded in many places:	
										55.10-rounded, AP=50°, FA=60°,	
										simple shear along foln.	
										56.77-sharp hinge, straight	
										limbs, AP=55°, limbs sheared	
										by foln.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										57.87-rounded hinge straight	
										limbs, AP=45°, sheared by	
										foln.	
										58.52-58.76-numerous small	
										sheared folds, sharp hinges,	
										straight limbs, AP=50°	
										59.46-sharp hinge, straight	
										limbs, sheared, AP=55°,	
										FA=60°	
										60.77-rounded hinge,	
										straight limbs, sheared,	
										AP=43°, FA=45°	
										61.46-rounded hinge, straight	
										limbs, AP=45°, FA=60°	
63.70	64.14	Lst.	med.-dk.	m.g.	fotd.		Zns		100	-mod. well fotd., 45°	- tr ZnS, f.g., red-brown,
		(03)	gy							-med. bndd., 45°-50°	several ¼-½ mm thick
										-qtz breccia. (?) 63.88-	bands, parallel to &
										63.93, qtz fragments 1-10 mm	crossing foln., 63.76-
										-grad. lower contact	63.86
64.14	65.48	Lst.	med. gy-	m.g.	fotd.		Zns, Py		100	-mod. well fotd., 50°-55°	- tr Py, f.g., diss.
		(02)	bk.							-med. bndd., 45°-55°	- tr red ZnS at 64.36 m &
										-bndg. folded & sheared	64.52 m
										by foln.	
										-folds: 64.86-sharp hinge	
										straight limbs, AP=50°, FA=55°, sheared by foln.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
65.48	65.67	Lst.	lt. gy	m.g.	fotd.		Py			-narrow minor, carbon. bnds.	- tr Py (f.g.)
		(03)								(up to 1 cm)	
										-at 65.57 m rounded hinge,	
										straight limbs (AP=15°)	
										-sharp upper & lower contacts	
65.67	65.88	M.S.	brass	f.g.	massive	ser	Py,As,Po		100	-faint fine bndg., 45°	50% Py, 1-2% As, <1% Po
		(12)								-v. minor calc. f.f. near	m.g.-c.g. Py above & below
										upper contact	bnd. of f.g. Py; Po & As
											with the coarser Py
											- 65.67-65.78: 20% m.g. Py
											in vague bands in qtz ser
											phyll
											- 65.78-65.79: 20% f.g. Py,
											10% f.g.: As in qtz ser
											phyll; sulp. in blebs ≤1 mm,
											subrounded; ser in bands,
											sulp. unbndd.
											- 65.79-65.875 - 95% f.g. Py,
											5% qtz; qtz in v. thin
											discont. bands
											- 65.875-65.88 - 10% f.g. Py,
											5% f.g. As, both in blebs
											≤2 mm; 1% f.g. Po, rest
											is qtz.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											minor red ZnS, f.g.-c.g.
											PbS & tr As which appear
											as f.f. (19 cm), back to
											red ZnS-rich section with
											lesser f.g.-m.g. Py, incr.
											As towards f/w, minor f.g.-
											m.g. PbS at f/w & appears
											to be a tr of Meneg.
											- grains at f/w & h/w & more
											f.g.-m.g., rounded to sub-
											rounded
											- grains are mostly brecc.
											- sil matrix (gy) is concen.
											at h/w & f/w to mass. f.g.-
											c.g. Py
68.39	69.06	Qtz-ser phyll	med. gy	f.g.	fotd.	ser	Py, Po,		100	-mod. well fotd., minor	- ~5% f.g. Py, blebs ½-4 mm
		(07)	grn				As			calc. f.f.	in discont. bands w/ qtz;
										-med. bndd.; ser bands,	bands fairly evenly distr.
										45^{o}-55^{o}; sulp. bands,	over section
										~parallel to bndg.	- tr Po, f.g. in bands w/ Py
										-lt. gy transl. qtz band+calc.	- tr As (f.g.-m.g.) in 2
										f.f. ($\pm$feld.) at 68.47-68.49 m	narrow bnds at h/w
										qtz ($\pm$feld.) lenses throughout	
										(m.g.-c.g.)	
69.06	69.37	Qtz-ser Phyll	med. gy	f.g.	fotd.	ser	Py, As,		100	-poorly fotd., ser in	- 15% f.g.-m.g. As, 5% f.g.-
		(07)	grn				ZnS			wispy bands	m.g. Py in vague brecciated

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											bands, frags ½-4 mm
											- 1% f.g. lt. brown to red-
											brown ZnS, thin wispy bands
											¼-1 mm grains are rounded
											to angular
											- at 69.06-69.12 m Py +
											lesser As
											- at 69.12-69.18 m As +
											minor red ZnS at f/w
											incr. in f.g.-m.g. As at f/w & minor Zns strs
69.37	69.88	M.S.	red-brwn.	f.g.	massive		ZnS,As,		100	-vaguely bndd., ~40°	40% ZnS strs & lacework
		(12)	& yellow				PbS,Py,			-large white qtz lenses	15% PbS (v.f.g.-f.g.)
							Meneg.			& frags	5% As (f.g.-m.g.)
										-minor calc. f.f.	tr Meneg.
										-minor qtz (±feld.) bnds.	tr Py (rounded, v.f.g.)
										-sil matrix	
										Zns: brn	(69.37-69.43), dk. brwn.
											(69.43-69.48), red-brwn.
											(69.48-69.67), yellow
											(69.67-69.75), lt. brwn.
											(69.75-69.85)
											- ZnS has lacework texture,
											overprints As in places
											- As found mostly within
											sil-rich areas
											- v.f.g. PbS+ZnS at 69.44-69.49 m

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	%core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- f.g. PbS scattered through-
											out
										Sulphide Zonation= 3 cm As+ZnS (red), 0.5 cm brn. ZnS+PbS,	
										3 cm lt. brn. ZnS+PbS, 5 cm v.f.g. PbS+red ZnS, 17 cm red	
										ZnS+PbS+As, 2 cm lt. brn. ZnS+PbS, 7 cm honey ZnS+PbS,	
										ll cm lt. brn. ZnS+PbS, 4 cm of red ZnS+PbS+ser & qtz with	
										As at the f/w.	
											- As grains are well brecc.
											- As at 69.40 m, 69.55 m,
											69.61 m
69.88	70.27	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		Py,As,		100	-abundant qtz lenses &	5% Py (f.g.-m.g.)
		(07)	gy		shrd.		ZnS			bnds.	3% ZnS (red) strs.
										-centre of unit is	1-2% As (f.g.-m.g.)
										very ser	- sulphs. mostly within or at
										foln. 57^{o}-42^{o}	edge of qtz-rich bnds.
											- minor lt. brn. ZnS with
											the As-Py
											- minor infilling of Py into
											brecc. As
											- red ZnS strs. at 70.09-
											70.10 m, 70.25-70.26 m
											- tr red ZnS intersitial to
											Py grains

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
70.27	71.37	Qte	dirty	f.g.	fotd.		Py, As,		100	minor ser bnds	5% Py (f.g.-c.g.)
		(06)	white		fract.		ZnS, Meneg.			-ser slip at 71.32 m	5% As (f.g.-c.g.)
							Cpy			foln. 25^{o}-50^{o}	1% ZnS (red) patches & strs
										minor calc. f.f.	tr Cpy & Meneg.
										irreg. gy patches	- As & Py concen. at 70.49-
											70.51 m, 70.76-70.93 m,
											71.24-71.26 m
											- ZnS below 71.09 m; minor
											lt. brwn. ZnS with the
											As-Py
											- sulph. bands. 50^{o}-70^{o}
											- most sulphs. are f.f. &
											brecc.
										Note: M.S. (12) at 70.76-70.93 m	
71.37	71.97	M.S.		f.g.-c.g.	brecc.		Py, ZnS,		100	dirty white sil matrix	30% Py (f.g.-m.g.) rounded
		(12)					As, Meneg.			minor calc. f.f.	to angular
							Cpy				30% As (f.g.-c.g.) well
											brecc.
											7% ZnS red to brn. strs.
											& f.f.
											tr Meneg.(?) & Cpy
											- sulphs. are very well
											brecc. espec. the As at
											71.48-71.51 m
										Sulph. Zonation 71.37-71.44 m f.g.-m.g. As+ZnS, 71.44-71.48m	
										f.g.-c.g. As+ZnS, 71.48-71.51 m highly brecc. As, 71.51-	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-71.54 m.g.-c.g. As+ZnS, 71.54-71.61 m milled As+Py (m.g.)	
										with ZnS & Py (f.g.), 71.61-71.82 m f.g.-c.g. Py+As+ZnS	
										with As c.g. towards bottom; 71.82-71.89 m f.g.-c.g.	
										brecc. As, 71.89-71.94 m Py+ZnS+As, 71.94-71.97 m As→Py→	
										ZnS As	
										f/w contact with As	- brecc. fragments up to 10 mm
											- sulp. vaguely bndd in places, ~ 45°
71.97	74.25	Qtz-ser phyll	med.-grn	f.g.	fotd.	ser	As,Py,		100	-weakly fotd.	- 5% f.g. Py, 4% f.g. As,
		(07)	gy				ZnS,PbS			-med. bndd, 40°-60°	1% f.g., red-brwn ZnS, tr PbS
										-ser in vague wispy bands	
										-qtz rich 73.92-74.25	- sulp. in nearly monomin. vague discont. bands 1-5 mm fairly evenly dist. over section
											- As Py brecciated, fragments ≤5 mm
											- ZnS bands wispy, red to brn.
											- Py rich band 73.27-73.33; 60% f.g. Py, 30% f.g. As, 10% lt. gy transl. qtz, tr f.g. red-brwn. ZnS; sulp. brecc., fragments ≤8 mm

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- lt. gy qtz lens w/ f.g.
											sulp. along margins, 73.33-
											73.39; sulp. f.g. As,
											brecciated, & sm. amt. f.g.
											red-brwn. ZnS
											- PbS at 73.95-74.05 m
74.25	74.60	M.S.	brassy &	f.g.	massive		ZnS,Py,		100	-30% qtz, lt. gy transl.	- 35% f.g. red-brwn. ZnS,
		(12)	red-brwn.				As,PbS				20% f.g. As, 15% f.g. Py, 5%
											PbS
											- As, Py brecciated frag-
											ments $\leq$8 mm; ZnS+qtz fill
											fractures
										Zonation: ZnS-Py-As-PbS	- Py overprints As(?)
										21 cm, 5 cm As-Py, 9 cm As+	- sulp. vaguely bndd., $\sim 50^{\circ}$
										qtz+minor Py & ZnS	- ZnS predom. 74.25-74.44; Py
											predom. 74.44-74.50; ZnS &
											As predom. 74.50-74.60
											- PbS is (v.f.g.-f.g.) found
											with ZnS
74.60	75.32	Qte	lt.-med	f.g.	massive		Py,As,		100	-80% lt.-med gy transl. qtz,	10% Py (f.g.-m.g.), 3-5%
		(06)	gy				ZnS,PbS			20% sulp.	As (f.g.-m.g.) & $<$1% ZnS
										-med. bndd., 55°-60°	(red to lt. brwn.) strs.
										f/w contact at 50°	& $<$1% PbS (f.g.)
											- sulp. concen. 2 bands:

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											74.85-74.90 m; 74.95-75.06m
											- As, Py brecciated, frag-
											ments ≤6 mm; qtz & ZnS
											fill fractures
											- ZnS in thin (≤1 mm) wispy
											bands; Py, As in vague
											discont. bands 1-5 mm
											sulp. bands ~parallel to
											bndg.
											- PbS at 74.95-75.06 m
75.32	76.14	M.S.	red-brwn.	f.g.	massive	minor ser	ZnS,As,		100	-20% lt. gy transl. qtz,	- 40% f.g.-c.g. As, 20% f.g.-
		(12)	silver,		brecc.		Py,PbS,			tr ser.	c.g. Py, 20% red to lt.brn.
			brass				Cpy			-ser. thin (≤½ mm) wispy	ZnS, 1% PbS (v.f.g.)
										bands 75.42-75.47 m	tr Cpy
											- As & Py brecciated, frag-
											ments < ¼ mm-10 mm, qtz &
											ZnS fill fractures
										sulph grains rounded to	- sulp. in vague bands. ~ 50°-
										angular	60°
											- ZnS, As predom. 75.32-75.59
											m, all three 75.59-75.83 m,
											As predom. 75.83-75.92 m;
											ZnS+As predom. 75.92-
											76.00 m; Py predom. 76.00-
											76.14 m
											- PbS in irreg. patches w/ ZnS

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
76.14	77.64	Qte	lt.-med.	f.g.	shrd.	minor ser	As,Py,		100	-med. bndd., 60°-80°	7% As (f.g.-m.g.), 5% Py
		(06)	gy		fract.		Zns			-70% lt.-med. gy transl.	(f.g.-m.g.);
							Meneg(?)			qtz overall, 30-40% qtz	7% ZnS (red to honey),
										in sulp. rich bands	1-2% PbS (v.f.g.), 1%
										-tr ser in thin wispy bands	Meneg.(?)
										-minor calc. f.f.	- sulp.: 76.35-76.43; 76.54-
											76.66; 76.69-76.77; 76.81-
											76.90; 77.04-77.14; 77.20-
											77.27; 77.41-77.57
											- As+Py brecciated, frag-
											ments < ¼ mm - 5 mm; qtz &
											ZnS fill fractures
											- ZnS in thin wispy bands &
											thicker (5-20 mm) lacework
											texture bands
											- As+Py in vague bands 5-10mm
											60°-75°
77.64	78.21	Qtz-ser phyll	red-brwn.	f.g.	fotd.	ser	ZnS,Py,		100	-weakly fotd.	15% ZnS, 2% Py, 1% As,
		(07)	lt. gy				As,PbS			-fold 77.80-77.85:	<1% PbS (v.f.g.)
			grn							fairly sharp hinge,	- grades 50% sulp. (77.64-
										straight limbs, AP=0°,	77.81) - 30% sulp. (77.81-
										FA=70°, folds ZnS+ser	77.91) ~20% sulp. (77.91-
										bands	78.18)
										-incr. in ser at f/w	- sulp.: 85% f.g. red-brown
										& minor calc. f.f.	to honey ZnS, 10% f.g. Py,

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											15% f.g. As
											- ZnS in thin (¼-1 mm) wispy
											bands & thicker (5-20 mm)
											lacework textured bands;
											ser bands intermixed with
											wispy ZnS bands
											- Py & As brecciated, frag-
											ments ¼-3 mm, in vague
											discont. bands 3-8 mm.
											- sulp. bands 75° (77.65),
											55° (78.00), 45° (78.15)
78.21	78.43	M.S.	red-brwn.	f.g.	massive	minor ser	ZnS,As,		100	-78.21-78.23 m: lt. gy qtz	25% ZnS, 15% As, 7% Py,
		(12)			milled		Py,Po,			lens with calc. f.f.	3-10% PbS, tr Cpy
							PbS,Cpy				PbS is f.g. & possibly
											v.f.g. with the ZnS.
											- 78.20-78.33: 35% f.g.,
											red-brwn. ZnS, 40% f.g.
											As, 15% f.g. Py, 10% qtz;
											Py & As occur both mixed
											with ZnS and as subangular
											fragments (breccia?) ¼-
											3 mm; several rounded &
											irregular wh. qtz blebs
											2-10 mm
										-78.33-78.43: wh. qtz lenses	- 78.33-78.43: 40% f.g. As,

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										1-3 cm, contain ~5% felds.,	30% f.g. Py, 5% f.g. red-
										Po along margins	brwn. ZnS, 5% Po, 15% qtz,
											5% ser; Py & As f.g.
											massive & sub-angular
											fragments ¼-4 mm; Po on
											margins of qtz lenses
											1-3 mm; ZnS f.g. massive
											& in thin wispy bands with
											ser; bands contorted
78.43	78.75	Qtz-ser phyll	med. gy-	f.g.	fotd.	ser	ZnS, Py,		10%	-med. bndd., 50°	2% Po, 2% ZnS, 1% Py
		(07)	grn		shrd.		Po, As			-wh. qtz lenses 1-3 cm,	<1% As
										contain ~5% felds.,	- 15% sulp: 40% f.g. red-brwn
										Po in fractures	ZnS, 40% f.g. Po, 10% f.g.
										incr. in ser at h/w & f/w	Py, 10% f.g. As
										v. minor calc. f.f.	- ZnS & Po together in wispy
											contorted bands
											- Py & As fragments ≤1 mm,
											dicont. vague bands
											- qtz-felds lenses common,
											contain Po in fractures
											- ZnS bands 60° (78.43-
											78.63), contorted (78.63-
											78.80)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
78.75	79.29	M.S.	red-brwn.	f.g.	massive	ser	ZnS,As,		100	-wh. qtz eyes 1-10 mm, round	- 40% f.g., red to lt. brwn.
		(12)			milled		Py,Po,			& irregular	to honey ZnS, 5% f.g. As,
							Cpy,PbS			-vague bndg.,~45°	20% f.g. Py, 5-7% Pbs
										10% lt. gy transl. qtz	(f.g.-v.f.g.) within ZnS
										5% ser frags,	matrix, 2% f.g. Po, <1%
										5-7% white qtz eyes	Cpy (f.g.)
										(±feld) (rounded to sub-	- As f.g. massive & rounded
										rounded)	to subangular fragments
										minor calc. f.f.	up to 10 mm; Py f.g.
											massive & rounded to
											subangular fragments up
											to 3 mm
79.29	79.55	Ser-qtz phyll	med. gy-	f.g.	shrd.	ser	As,Py,		100	-ser in thin (¼-1 mm) wavy	2-3% As (v.f.g.-m.g.),
		(04)	grn				ZnS,Cpy			bands~20°-35°	2% Py (f.g.-m.g.)
										-~5% wh. opague qtz, blebs	<1% ZnS (red to honey),
										& lenses cutting bndg.,	tr Cpy
										1-10 mm	- sulp. brecciated, frag-
											ments <¼-3 mm; in vague
											wavy bands ½-5 mm which
											are sil
79.55	79.73	M.S.	brassy	f.g.	massive	ser	As,ZnS,		100	-minor calc. f.f.	30% ZnS (red to lt. brn.),
		(12)			milled		Py,PbS,				7% PbS (v.f.g.-f.g.), 10%
							Cpy				As, 10% Py, tr Cpy
											- 79.55-79.62 m 10% f.g. Py,
											15% PbS, 20% f.g.-m.g. As,

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
											40% f.g. red-brwn.
											ZnS, 5% qtz; Py & As f.g.
											to m.g.; rounded to sub-
											rounded $\leq$3 mm; ZnS in local
											patches
										-79.62-79.73 - wh. qtz lens	- 79.62-79.73 m
										contains ~5% ser; c.g.	40% f.-c.g. As, 20% f.g.
										calcite crystals at 79.73,	Py, 10% f.g. PbS, 10% f.g.
										start of small cavity?	red-brwn. ZnS; 20% qtz,
											Tr Cpy
											- sulphs are well brecc.
79.73	80.16	Ser-qtz phyll	lt. gy-	f.g.	fotd.	ser	Py		~ 15	-one 2 cm piece & some rubble,	- tr f.g. Py, diss.
		(04)	grn							the large piece has calcite	
		S H E A R (?)								crystals on one surface	
										-shear zone?	
80.16	81.25	Ser-qtz phyll	med. gy	f.g.	fotd.	ser	Py,As,Po		100	-mod. well fotd., 45^{o}-50^{o}	- 5% f.g.-m.g. Py, <1% f.g.
		(04)	grn		shrd.					-med. bndd., 50^{o}-55^{o}	As, tr f.g. Po strs.
										-qtz bands contain up to 10%	- As & Py fragments $\frac{1}{4}$-5 mm,
										felds.	in qtz bands 1-5 mm thick
										-wh. qtz lens 80.16-80.22	- sulphs. brecc.
										-slip surface w/gouge at 81.02	
										-calc. f.f. near f/w	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS (MINERALIZATION, TYPE, AGE RELATIONS)
81.25	81.37	M.S.	red-brwn.	f.g.	massive	ser	ZnS,PbS		100	-ser in bands 1-5 mm	- 50% f.g. red to lt. brwn.
		(12)			to str.		As,Cpy,			-30% lt. gy transl qtz, 10%	ZnS; vaguely bndd; lace-
							Py			ser	work texture
										-qtz in irregular discont.	- 5-10% PbS (f.g.-v.f.g.)
										bands 1-10 mm	tr As, Py & Cpy (f.g.)
81.37	83.68	Ser-qtz phyll	med. gy-	f.g.	fotd.	ser	Py,ZnS,		100	-mod. well fotd. 45^{o}-53^{o}	- 5% f.g. Py, 2% f.g. As,
		(04)	grn				As,Po,			-med. bndd., 55^{o}-70^{o}	2% f.g. dk. red-brwn. ZnS,
							Cpy,PbS			-lt. gy qtz lenses common	1% f.g. Po, tr Cpy & PbS
										(81.67-81.72; 82.11-82.12;	- As & Py fragments ¼-5 mm
										82.39-82.40; 82.46-82.48;	in qtz bands, often with
										82.56-82.59; 83.34-83.35	Po
										-several slip surfaces with	- ZnS in thin wispy bands
										gouge (81.01, 82.54,*82.70,	concen. 81.37-81.52;
										83.03, 83.35, 83.36,*83.57)	83.42 & 83.50
											- As concen. 83.33-83.57
											- 82.35-82.49: 10% Py, 10%
											ZnS, 5% As, 5% Po, tr Cpy
											in thin bands & more
											massive with lacework
											texture
83.68	89.99	Qtz-chl phyll	med. grn	f.g.	fotd.	chl	Po, Py		100	-mod. well fotd., 45^{o}-50^{o};	- 1% Po, f.g., in thin
		(06)	gy							55^{o} from 83.60	(¼-1 mm) discont. bands
										-med. bndd., 45^{o}-50^{o}, ~	parallel & slightly x-
										parallel to foln.	cutting foln., & smeared

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-wh. qtz lenses 1-10 cm	on foln. planes; concen.
										common (84.06-84.07; 84.43-	on margins of qtz lenses
										84.44; 84.80-84.83; 85.68-	& bands; more common in
										85.72; 86.04-86.05; 86.43-86-46;	qtz rich sections
										86.56-86.59; 86.64-86.74;	- tr Py, f.-m.g., diss.,
										87.23-87.24; 88.91-88.93;	slightly smeared on foln.
										89.16-89.17; 89.26-89.27;	planes
										89.83-89.84); up to 10%	- qtz lens at 86.64-86.74
										felds.; also many qtz-	~10% Po in patches &
										felds. bands 1-4 mm, ~	tr Py; in fractures(?)
										parallel to foln.	
										-locally qtz rich (83.68-	
										84.02; 86.15-86.32; 87.42-	
										88.18; 88.61-88.73); sections	
										are lighter green coloured,	
										contain some chl	
										-a few gouged slip surfaces	
										(85.06, 85.18, 87.66)	
										-some of qtz-felds. bands	
										boudinaged	
										-bndg. distorted 88.21-	
										88.29	
89.99	101.11	Chl-qtz phyll	med.-dk.	f.g.	fotd.	chl	Po, PbS,		100	-well fotd., 45°-50°	- < 1% Po, f.g., concen. near
		(05)	gy-grn				As, ZnS			-med. bndd., 50°-55°	margins of qtz bands/
										-local qtz-chl phyll zones	lenses; also smeared on foln

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										(90.53-90.60; 91.04-91.31;	planes
										92.24-92.49; 92.77-92.87;	- tr PbS, As, red-brwn. ZnS,
										93.25-93.37; 96.20-96.27;	all f.g., in qtz band
										96.32-96.36; 97.66-97.96;	at 93.86-93.90; As at
										100.00-100.26); qte band	99.82 in qtz band.
										99.25-99.32	
										-wh. transl. qtz bands 1-10 mm	
										with up to 30% felds. common;	
										fairly evenly distrib.	
										-thicker wh. qtz lenses	
										1-3 cm with up to 10% felds.	
										also common (90.01-90.02;	
										90.26-90.27; 90.72-90.74;	
										91.76-91.79; 92.51-92.52;	
										92.96-92.97; 93.03-93.04;	
										93.86-93.94; 94.12-94.17;	
										98.10-98.15; 98.60-98.67;	
										98.97-99.00; 100.94-100.97)	
										-qtz bands/lenses ~10% of	
										rock	
										-a few slip surfaces with gouge	
										(91.04, 91.12)	
										-folds: 100.03 - sharp hinge,	
										straight limbs, AP=50°,	
										FA=50° (F_3)	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
101.11	102.65	Qtz-chl phyll	med. gy	f.g.	fotd.	chl	Py		100	-mod. well fotd., 53°-58°	- tr f.g. Py; slightly
		(06)	grn							-fine-med. bndd., 48°-60°	smeared on foln. plane
										-one band med. gy qte	
										102.18-102.35	
										-several thin (½-2 mm)	
										discont. qtz bands, $\leq$30%	
										felds., shallower dip	
										than bndg.; bndg. 48°-60°,	
										qtz-felds bands 40°-48°	
102.65	109.12	Chl-qtz phyll	dk.-med.	f.g.	fotd.	chl	Po, Py		100	-well fotd., 48°-60°	- tr f.g. Po, concen. along
		(05)	gy grn							-med. bndd. 50°-60°	some qtz/felds. bands &
										-wh. qtz bands ½-30 mm	smeared on foln. planes
										common up to 40% felds.,	- tr f.g. Py, diss. &
										shallower dip than bndg.	slightly smeared on foln.
										(40°-53°); qtz/felds.	planes
										bands cut off by bndg.	
										& foln.; ~5% of rock	
										-local qtz-chl phyll zones	
										(103.61-103.68; 104.83-	
										104.96; 105.00-105.15;	
										105.27-105.36; 106.05-	
										106.35)	
										-one chl phyll section	
										107.70-108.51	
										-folds: 103.47-103.50 -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										isoclinal, tight, fairly	
										rounded hinges, straight	
										limbs; dom. foln.	
										AP=50°; FA=53°; folds	
										bndg. (F_3 fold)	
										105.78: sharp hinge,	
										straight limbs, AP=dom.	
										foln.=53°, FA=57°, folds	
										bndg.	
										104.92: isoclined, tight,	
										round hinges, straight	
										limbs, AP= dom. foln. =	
										55°, FA=62°; folds bndg.	
										(F_3 fold); limbs sheared	
										by foln.	
										105.03: isoclinal, tight,	
										fairly rounded hinge,	
										straight limbs, AP=dom	
										foln. = 59°, FA=63°;	
										folds bndg. (F_3 fold);	
										one limb truncated by qtz/	
										felds band.	
										-broken core: 107.41-107.97,	
										108.82-109.12	
				- END OF CORE -						- END OF CORE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47160	62.25	63.06	0.81		99	0.01	<1% ZnS & Py	0.01	0.19	0.002	2.7	< 0.1		
47161	63.06	63.70	0.62		100		<1% ZnS, tr Py	< 0.01	0.57	0.012	3.4	0.4		
47162	63.70	64.14	0.46		100		tr ZnS	0.01	0.12	0.016	2.1	< 0.1		
47163	64.14	64.82	0.68		97	0.02	tr ZnS & Py	< 0.01	0.12	0.009	5.5	< 0.1		
47164	64.82	65.48	0.66		100		tr ZnS & Py	< 0.01	0.01	0.010	2.7	< 0.1		
47165	65.48	65.67	0.19		100		tr Py	0.01	0.01	0.015	6.9	0.6		
47166	65.67	65.88	0.21		100		50% Py, 1-2% As, < 1% Po	0.16	0.02	2.290	24.4	1.0		
47167	65.88	66.63	0.75		92	0.06	5% Py, < 1% As, 1% Po, tr ZnS	0.10	0.01	1.710	14.6	0.5		
47168	66.63	67.38	0.75		100		5% Py, < 1% As, 1% Po, tr ZnS	0.15	0.09	0.340	18.5	0.7		
47169	67.38	68.12	0.74		100		5% Py, < 1% As, 1% Po, tr ZnS	0.04	0.01	0.386	4.3	1.2		
47170	68.12	68.39	0.27		100		65% Py, 10% ZnS, 5% As, 1% PbS	6.04	12.00	4.260	152.0	9.1		
47171	68.39	69.06	0.67		100		5% Py, tr Po & As	0.08	0.05	0.416	3.8	1.0		
47172	69.06	69.37	0.31		100		15% As, 5% Py, 1% ZnS	0.48	0.90	8.450	17.3	3.2		
47173	69.37	69.88	0.51		100		40% ZnS, 15% PbS, 5% As, tr Py	3.68	26.60	2.210	81.4	5.6		
47174	69.88	70.27	0.39		100		5% Py, 3% ZnS, 1-2% As	0.23	4.60	1.780	7.8	1.1		
47175	70.27	71.37	1.10		95	0.06	5% Py, 5% As, 1% ZnS, tr Cpy	0.13	1.06	7.690	10.7	7.1		
47176	71.37	71.97	0.60		100		30% Py & As, 7% ZnS, tr Cpy	0.27	9.13	13.700	23.8	24.9		
47177	71.97	72.73	0.76		100		5% Py, 4% As, 1% ZnS, tr PbS	0.05	0.34	1.840	5.3	2.2		
47178	72.73	73.49	0.76		100		5% Py, 4% As, 1% ZnS, tr PbS	0.13	0.17	2.210	11.3	3.1		
47179	73.49	74.25	0.76		83	0.13	5% Py, 4% As, 1% ZnS, tr PbS	0.95	2.74	1.440	37.8	2.0		
47180	74.25	74.60	0.35		100		35% ZnS, 20% As, 15% Py, 5% PbS	1.90	9.60	5.130	71.8	7.1		
47181	74.60	75.32	0.72		86	0.10	10% Py, 3-5% As, <1% ZnS & PbS	1.60	0.92	4.540	52.7	3.6		
47182	75.32	76.14	0.82		100		40% As, 20% Py & ZnS, 1% PbS	0.93	12.70	11.600	35.0	7.5		
47183	76.14	76.89	0.75		100		7% As, 5% Py, 7% ZnS, 1-2% PbS	1.17	3.05	6.750	27.6	4.0		
47184	76.89	77.64	0.75		100		7% As, 5% Py, 7% ZnS, 1-2% PbS	1.31	6.30	5.170	26.5	4.4		
47185	77.64	78.21	0.57		100		15% ZnS, 2% Py, 1% As, <1% PbS	0.27	6.52	0.797	7.7	0.5		

DRILL HOLE NO. 84-8

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47186	78.21	78.43	0.22		100		25% ZnS, 15% As, 7% Py, 3-10% PbS	5.43	9.93	7.600	140.9	10.6		
47187	78.43	78.75	0.32		100		2% Po, 2% ZnS, 1% Py, <1% As	0.25	0.89	0.505	10.4	0.5		
47188	78.75	79.29	0.54		100		40% ZnS, 20% Py, 5% As, 5-7% PbS	5.15	15.30	1.790	120.8	2.6		
47189	79.29	79.55	0.26		100		2-3% As, 2% Py, < 1% ZnS, tr Cpy	0.30	0.78	3.840	4.7	1.5		
47190	79.55	79.73	0.18		100		30% ZnS, 7% PbS, 10% As & Py, tr Cpy	10.80	9.60	5.000	271.6	10.8		
47191	79.73	80.16	0.43		14	0.37	tr Py	1.45	1.22	0.777	26.3	1.1		
47192	80.16	80.67	0.51		100		5% Py, < 1% As, tr Po	0.21	0.26	0.195	9.4	0.2		
47193	80.67	81.25	0.58		100		5% Py, < 1% As, tr Po	0.12	0.10	0.249	9.4	0.2		
47194	81.25	81.37	0.12		100		50% ZnS, 5-10% PbS, tr As, Py, Cpy	1.12	30.00	0.070	42.6	0.5		
47195	81.37	82.37	1.00		99	0.01	5% Py, 2% As & ZnS, 1% Po, tr PbS, Cpy	0.06	1.08	0.125	1.5	0.2		
47196	82.37	83.37	1.00		100		"	0.32	0.50	0.198	18.7	0.5		
47197	83.37	83.68	0.31		100		"	0.24	0.30	4.230	9.3	2.3		

DRILL HOLE NO. 84-8

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

DRILLING CO. CONNORS	LOCATION SKETCH (-N-)	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 13, 1984	PROJECT: J&L
		COLLAR	+ 17.97°	224.03°	DATE COMPLETED: October 14, 1984	N.T.S.: 82M/8E
		29.87 m	+ 17.5°	224.5°	COLLAR ELEV.: 841.381	LOCATION: 10,820 E x-cut
		60.35 m	+ 16°	224.5°	NORTHING: 9,942.453	
		90.83 m	+ 16°	223.5°	EASTING: 10,819.762	
		107.59 m	+ 16.5°	225°	AZIMUTH: 222°	
					DEPTH: 109.12	DATE LOGGED: October 14, 1984
HOLE TYPE DDH					CORE SIZE: B.Q.	LOGGED BY: C.O. & R.P.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
0.00	2.20	Lost Core							0	Lost core	
2.20	2.76	Chl-qtz phyll	dk. gy -	f.g.	fotd.	chl	Po		100	-mod. well fotd., 25°-35°	- tr f.g. Po, smeared on
		(05)	grn							-faint fine bndd., 29°-32°	foln. planes
										-thin (1-5 mm) wh. transl.	
										qtz bands; up to 20% felds.;	
										30°-32° (steeper than bndg.);	
										~1% of rock	
										-several thicker wh. transl.	
										qtz lenses; 1-5 cm (~1.40;	
										~1.70; 2.23-2.29; 2.40-2.49)	
										-broken core 1.20-1.79; 2.22-	
										2.50	
2.76	4.35	Qtz-chl phyll	dk.-med.	f.g.	fotd.	chl	Po		100	-mod. well fotd., 32°-37°	- tr f.g. Po, smeared on
		(06)	grn gy							-faint fine bndd., ~parallel	foln. planes
										to foln.	
										-thin wh. transl. qtz bands	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC.)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										common; ¼-1 mm thick bands	
										up to 50% felds, 1-6 mm	
										thick bands up to 20%	
										felds.; dip generally	
										shallower than bndg.; dip	
										28°-35°; some thin (~¼ mm)	
										discont. bands may be	
										sheared remnants of bands.	
										-qtz rich bands: 2.75-2.99;	
										3.83-3.87	
4.35	5.13	Qte	med. grn	f.g.	fotd.	chl	Po		100	-mod. well fotd.; 39°-45°	- tr f.g. Po, smeared on
		(06)	-gy							-fine-med. bndd.; 25°-32°;	foln. planes
										bndg. has been sheared off	
										by foln.	
										-chl in foln. planes	
										-several bands wh.-lt. gy	
										transl. qtz with up to	
										30% felds. (grains ½-2 mm);	
										36°-40°	
										-banding is wavy at 4.41-4.44,	
										AP≈ dom. foln. (40°)	
5.13	6.59	Qtz-chl phyll	dk.-med.	f.g.	fotd.	chl	Py		100	-poorly dev. foln.; ~40°	
		(06)	grn-gy							-fine bndd.; 28°-33°	- tr m.g. Py, diss.
										-thin (½-5 mm) bands of wh.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										transl. qtz fairly common;	
										up to 40% felds.; 27°-40°;	
										<1% of rock	
										-slightly more silicic	
										section 5.49-5.92; med. gy,	
										f.g., qte band 6.27-6.34	
										-several calcite filled	
										fractures; 45°-60°, opposite	
										dir. to foln. (6.17, 6.37,	
										6.55)	
6.59	7.47	Chl-qtz phyll	v.dk.-	f.g.	fotd.	chl	Py, Po		100	-mod. well fotd., foln.	- tr f.g. Po, on foln.
		(05)	dk. grn							parallel to bndg.	planes
										-med. bndd.; 27°-28°	- tr f.g. Py, diss.
										-a few thin (¼-½ mm)	
										discont. bands wh. transl.	
										qtz with up to 50% felds.;	
										35°-45°; discont., appears	
										result of shearing on foln.;	
										steeper than bndg.	
										-lt. gy-grn bndg. 6.85-6.96;	
										7.00-7.10, 7.20-7.25; these	
										are S_2 bands; ½-5 mm thick	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
7.47	8.86	Qtz-chl phyll	med. grn	f.g.	fotd.	chl	Py		100	-poorly fotd.; 30°-35°	- tr Py, f.g., diss.
		(06)	-gy							-fine-med. bndd.; 30°-33°	
										-two transl. wh. qtz lenses	
										7.85-7.89 & 8.20-8.28;	
										$\sim$10% felds.; chl & Po	
										concen. along margins,	
										some chl within lens; bndg.	
										disturbed around lens	
										-bands wh. transl. qtz	
										with $\pm$40% felds. common;	
										1-8 mm thick; 25°-35°;	
										many are discont. because	
										of shearing on foln.; $\sim$1%	
										of rock	
										-numerous small indistinct	
										folds 7.90-8.21; AP=25°-$30^{\circ}\approx$	
										dom. foln.; hinges round to	
										sharp, limbs straight;	
										appear to have formed by	
										shearing of bndg. along	
										foln.	
										-slip surfaces with gouge:	
										8.10, 8.20	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
8.86	10.05	Chl-qtz phyll	med.-dk.	f.g.	fotd.	chl	Py, Po		100	-mod. well fotd., 25^{o}-30^{o}	- tr f.g. Po, smeared on
		(05)	grn-gy							-med. bndd.; 32^{o}-35^{o}	foln planes
										-qtz-chl phyll band 9.22-9.44	- tr f.g. Py, on foln. planes
										-transl. wh. qtz band 9.09-9.13;	
										~15% felds.; chl concen.	
										along margines, sm. amt. Po	
										within qtz; band sheared off	
										by foln.	
										-sheared remnants of thin	
										(¼-1 mm) transl. wh. qtz/	
										felds. bands throughout; a	
										few discont. bands, dip	
										~30^{o}-35^{o}; tr amounts only	
										-rock becomes darker gy-grn	
										towards f/w	
10.05	11.32	Chl-qtz phyll	bk.-dk.	f.g.	fotd.	chl	Py		100	-well fotd.; 30^{o}	- tr f.g. Py, on foln. planes
		(05)	gy-grn							-fine-med. bndd.; 25^{o}-30^{o}	
										-transl. wh. qtz bands with	
										up to 30% felds. common;	
										bands ¼-5 mm thick; thinner	
										bands (~1 mm) generally	
										discont.; 33^{o}-50^{o} dip; cut	
										bndg., are sheared by foln.	
										-qtz-chl phyll bands: 10.73-	
										10.78; 11.20-11.24	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										-colour varies bk. at h/w to	
										dk. gy-grn at f/w	
11.32	12.90	Qtz-chl phyll	med. gy	f.g.	fotd.	chl	Py		90	-mod. well fotd.; 30^{o}-35^{o}	- tr Py, f.-m.g., on foln.
		(06)	-grn							-fine bndd.; 30^{o}-35^{o}	planes
										-transl. wh. qtz, bands with	
										up to 20% felds. common;	
										½-5 mm thick; bands $\leq$1mm	
										generally discont.; steeper	
										dipping than bndg.; dip	
										35^{o}-45^{o}	
										-local qtz-chl phyll sections:	
										11.58-11.63; 11.70-11.37	
										-faint crenulations 11.32-11.39;	
										AP=$35^{o}\approx$ dom. foln.; hinges sharp,	
										limbs straight	
										-core broken 11.69-11.80	
12.90	15.24	Qtz-chl phyll	med. gy	f.g.	fotd.	chl	Py, Po		93	-poorly fotd.; $\sim 30^{o}$-35^{o}	- tr Py, f.g., in foln.
		(06)	-grn							-faint fine bndg.; 30^{o}-40^{o}	planes
										-transl. wh. qtz bands with	- <1% Po, f.g., in v. thin
										up to 30% felds. common;	($\leq$¼ mm) bands along foln.
										bands ¼-10 mm, most ½-1 mm;	planes & smeared on foln.
										20^{o}-40^{o} dip	planes
										-several chl-qtz phyll	
										sections: 13.00-13.28;	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										13.52-13.66;	
										-folded qtz/felds bands	
										at 14.03-14.20; chevron	
										w/long slightly wavy limbs;	
										AP≈ 90°, FA=65°; broad open	
										fold in h/w limb has AP=70°	
										in dir. opp. to foln.,	
										FA=65°; h/w limb has 4 mm off-	
										set on fracture ∿parallel to	
										AP	
										-several 1-2 cm transl. wh.	
										qtz bands in broken core	
										from 14.63-15.24; up to 20%	
										felds; chl & sm. amt. Po in	
										fractures & along margins	
										-broken core 14.63-15.24;	
										∿15 cm core lost	
15.24	18.16	Chl-qtz phyll	med. grn	f.g.	fotd.	chl	Po,Py,		100	-mod. well fotd.; 25-35°	- tr f.g. Po, v. thin
		(05)	- gy				PbS			-faint fine bndd.; ∿30°	bands along qtz/feld
										-thin dicont. bands wh.	band margins; on foln.
										transl. qtz with up to	planes
										40% felds. fairly common;	- tr f.-m.g. Py; scattered
										bands ¼-1 mm thick; 20-30°;	grains at qtz/feld
										tr amounts in rock; thicker	band margins & on foln.
										bands at 17.44, 18.15	planes

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										(~5 mm thick)	- tr PbS, one grain in qtz
										-locally larger amts. chl:	lens at 18.06
										15.24-15.42 & 15.51-15.69;	
										several transl. wh. qtz	
										lenses 4-8 mm in each	
										section; chl & thin bands	
										Po (?) concen. at margins;	
										rock appears to be sheared	
										-thin (¼ mm) qtz/felds filled	
										fractures at 16.27, 17.32,	
										17.39, 17.41; ~45° in opp.	
										dir. of foln.	
										-two irreg. wh. transl. qtz	
										lenses 1 cm & 1½ cm across	
										at 18.06; chl; Po, Py concen.	
										along margins; one grain PbS	
										-folded qtz/felds band 18.15-	
										18.16; fairly sharp hinge,	
										straight limbs; AP=28°=	
										dom. foln., FA=28°	
18.16	23.28	Qtz-chl phyll	med. grn	f.g.	fotd.	chl	Po, Py		100	-mod. well fotd., 28°-35°	- tr Po, f.g., in thin bands
		(06)	-gy							-faint fine-med. bndd.; 28°-	on qtz/felds margins &
										32°	on foln. planes
										-thin (¼-5 mm) bands wh.	- tr Py, f.g., on foln.
										transl. qtz. with up to 60%	planes & scattered xtals

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										felds common; 30^{o}-40^{o};	on qtz/felds margins
										generally slightly steeper	
										than bndg. & foln.; thinner	
										bands ($\leq$1 mm) often discont.,	
										prob. sheared off; several	
										thicker bands ($\sim$1 cm) at	
										19.56, 21.33, 21.54	
										-several wh. transl. qtz	
										lenses (20.98-21.06; 21.10-	
										21.13; 21.57-21.65); thin	
										discont. bands Po & chl	
										along margins & in fractures	
										(?); sm. amt. pyrite near	
										margins; up to 5% felds;	
										lenses $\sim$parallel to foln.	
										-folds: 18.30-18.36, rounded	
										hinges, straight limbs, qtz/	
										felds bands folded, AP=25^{o},	
										limbs sheared by foln.	
										22.68-22.75; possible remnants	
										of sheared folds, sheared along	
										foln.; rounded hinges(?);	
										qtz/felds band at 22.65 shows	
										small sharp hinged folds with	
										AP$\approx 0^{o}$	
										-chl-qtz phyll section 22.89-23.16	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
23.28	23.73	Qte	med. gy	f.g.	fotd.	chl	Py, Po		100	-mod. well fotd.; 28^{o}-30^{o}	- tr Po, f.g., in foln.
		(06)								-med. bndd.; 23^{o}-28^{o}	planes
										-several wh. transl. qtz	- tr Py, f.g., diss.
										bands; up to 30% felds;	
										½-5 mm; most discont.;	
										25^{o}-48^{o}; thin bands ($\leq$ 1mm)	
										have more felds than thicker	
										ones;	
										-qtz/felds bands vaguely folded	
										at 23.53 & 23.72; sharp &	
										rounded hinges, short limbs;	
										AP $\sim$ foln., appear to have	
										been sheared along foln.	
										-faint suggestion of folds	
										in bndg. 23.31-23.58; sheared	
										remnants of folds; hinges(?)	
										sharp to rounded, straight	
										parts may be limbs; AP $\approx$ dom.	
										foln.	
23.73	41.53	Chl-qtz phyll	med. grn	f.g.	fotd.	chl	Py, Po		95	-well fotd.; 30^{o}-35^{o}	- tr Po, f.g., in qtz/felds
		(05)	- gy							-fine-med. bndd.; 30^{o}-36^{o};	bands, along qtz lens
										45^{o} at 39.48	margins, smeared on foln.
										-thin (¼-5 mm) transl. wh.	planes.
										qtz bands common; 28^{o}-38^{o};	- tr Py, f.-m.g., in qtz/
										up to 50% felds in thinner	felds bands, along qtz lens

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										(≤1 mm) bands; thinner bands generally discont.; only trace amts. overall	margins, on foln. planes; slight increas in amt. 40.54-41.53, occurs in
										-several wh. transl. qtz lenses (26.60-26.80; 30.47-30.54; 35.47-35.49; 36.77-36.79; 37.39-37.43); sm. amts. Py, Po along margins; chl concen. on margins & in fractures; < 1% felds; lenses ~parallel to foln.	thin (¼-½ mm) lenses parallel to foln.
										-local qtz-chl phyll sections (24.95-25.49; 35.41-35.47; 37.67-37.71; 39.98-40.06; 40.86-40.87)	
										-qte band 24.69-24.80, med. gy	
										-more chl rich sections 26.53-26.94, 30.54-30.78 & 35.47-35.56; chl "clots" 25.33-25.39 & 25.72-26.53	
										-folds: 24.28 - remnants of sm. folds; round hinges, straight limbs; AP=foln.=30°; folds bndg. 27.26-isolclinal, sharp hinge, straight limbs; AP=foln.=32°, FA=35°; remnants of folds 27.22-	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										-27.26; folds bndg.	
										32.80 - rounded hinge,	
										fairly straight limbs, h/w	
										limb sheared off; AP=30°≈	
										foln.; folds qtz/felds band	
										33.56-34.20 - foln. & bndg.	
										wavy; AP=50°, FA=85°	
										39.06-39.10 - rounded hinge,	
										wavy limbs; AP=85°; folds	
										bndg. 39.14-39.16 - sharp	
										hinge, wavy limbs; AP=70°;	
										folds qtz/felds band 39.48-	
										kink; AP=10°, FA=80°; folds	
										bndg.	
										40.04 - wavy bndg; AP=45°,	
										FA≈90°	
										40.37 - wavy bndg.; AP=45°,	
										FA≈90°	
										40.58-kink; AP=80°; FA≈85°;	
										folds qtz/felds/Py band	
										40.86-chevron; AP=50°, FA≈ 60°	
										folds bndg.	
										-kink band at 30.92, 50°,	
										folds bndg.	
										-kink band at 30.92, 50°,	
										folds bndg.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										-several slip surfaces with	
										gouge: 34.09, 35.02, 35.24,	
										39.04	
										-broken core 27.73, 29.26,	
										37.27-37.50, 37.75-38.48,	
										39.56-39.84, 40.10-40.23,	
										41.00-41.11	
41.53	41.84	Qtz-chl phyll	med. gy	f.g.	fotd.	chl	Po, Py		100	-mod. well fotd.	- tr Po, f.g., near qtz lens
		(06)	-grn							-fine-med. bndd.	margins and smeared on
										-bndg. parallel to foln.,	foln. planes
										both wavy, 10^{o}-30^{o}, AP$\approx 65^{o}$,	- tr Py, f.g., near qtz lens
										FA$\approx 90^{o}$	margins and on foln.
										-many transl. wh. qtz	planes
										lenses, 4-10 mm thick,	
										parallel to foln.	
41.84	50.90	Chl-qtz phyll	dk.-med.	f.g.	fotd.	chl	Po, Py		97	-mod. well fotd.	- tr Po, f.g., near margin
		(05)	gy-grn							-faint fine med. bndd.	of qtz lenses, in qtz/
										-foln. & bndg. generally	felds bands, smeared on
										wavy, 20^{o}-35^{o}	foln. planes
										-transl. wh. qtz lenses	- tr Py, f.g., near margins
										1-4 mm thick (43.81-	of qtz lenses, in qtz/
										43.82; 43.86-43.88;	felds bands, thin ($\frac{1}{4}$-$\frac{1}{2}$ mm)
										44.56-44.60; 45.00-	lenses parallel to foln.
										45.05; 45.10-45.20;	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										46.49-46.50; 49.76-49.81);	
										approx. parallel to foln.,	
										up to 1% felds; chl concen.	
										along margins	
										-thin (¼-5 mm) transl. wh.	
										qtz bands common; 30^{o}-40^{o};	
										thin bands ($\leq$ 1 mm) up to	
										50% felds, generally discont.;	
										thicker bands up to 30% felds,	
										most continuous	
										-local qtz-chl phyll sections:	
										45.88-46.27; 46.38-46.44;	
										47.03-47.08; 47.26-47.31	
										-folds: 41.92-42.00 - wavy bndg.;	
										AP=50^{o}	
										44.46 - isoclinal, round hinge,	
										straight limbs; AP=$40^{o}\approx$ foln.,	
										FA=50^{o}; folds qtz/felds band	
										46.00 - broad, open, round	
										hinge, straight limbs; AP=80^{o},	
										FA=70^{o}; folds bndg.	
										46.54-46.81 - wavy bndg. &	
										qtz/felds bands; AP=30^{o}	
										46.68-46.77 - wavy bndg.;	
										AP=80^{o}, FA=40^{o}	
										50.16 - 50.29 - wavy bndg.;	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										AP=80°, FA=60°	
										-slip surfaces: 49.33, 50.32-	
										50.34 (4 surfaces)	
										-broken core: 46.02-46.18,	
										47.35, 49.38	
50.90	54.16	Qte	med. gy	f.g.	poorly	ser,chl	As,Po,Py		100	-poorly fotd.: 20°-27°	- tr Po, f.g., concen. in
		(06)			fotd.					(50.90-52.45); 38°-44°	thin strs. in ser-rich
										(52.45-55.87)	section (51.34-51.60);
										-faint fine-med. bndd.,	also in qtz/felds bands &
										~ parallel to foln.	smeared on foln. plane
										-qtz/felds bands less common	- tr Py, f.-m.g., thin strs.
										than above; bands ½-4 mm; up	in ser-rich section, diss.
										to 30% felds; bands ~parallel	grains and on foln. planes
										to foln.; qtz is lt. gy	- tr As, m.g., scattered
										transl.	grains, concen. in ser-
										-ser-rich section 51.34-51.60	rich section
										-wh. opaque qtz lens 52.75-52.99;	
										chl in fractures; 15 x 30 mm	
										lens qte in centre has felds	
										(½-1 mm) along margins	
										-ser in foln.	
										-several lt. gy transl. qtz	
										bands 5-10 mm, 52.43-52.55;	
										~ parallel to foln.	
										*-slip surfaces with gouge	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										common: 50.97, 51.26, 52.20,	
										53.78	
										-broken core 53.71-53.94	
54.16	54.91	Qtz-chl phyll	dk. grn	f.g.	fotd.	chl	Po,Py		100	-mod. well fotd., varies	- tr Po, f.g.; thin strs.
		(06)	-gy							27^{o}-50^{o} from 54.16-54.91	& lenses parallel to foln.;
										-faint med. bndd.; parallel	in qtz/felds bands; along
										to foln.	margin of qtz lens
										-wh. transl. qtz lens 54.73-	- tr Py, f.g.; thin (¼-½ mm)
										54.74; parallel to foln.;	lenses parallel to foln.;
										chl concen. along margins	in qtz/felds bands; along
										-a few qtz/felds bands; up	margin of qtz lens
										to 40% felds; qtz lt. gy	
										transl.; bands ½-2 mm;	
										~ parallel to foln.	
										-kink band at 54.45; AP=90^{o},	
										FA 70^{o}	
										-broken core 54.16	
54.91	69.15	Chl-qtz phyll	dk.-med.	f.g.	fotd.	chl	Py,Po,		95	-well fotd.; foln. wavy	- <1% Py, f.-m.g., lenses
		(05)	gy-grn				PbS			20^{o}-40^{o}, 0^{o}-10^{o} from 61.80-	& strs. ¼-2 mm thick, ~
										61.99 faint med. bndd.,	parallel to foln.; concen.
										bands ~parallel to foln.	near margins of qtz lenses
										-lt. gy transl. qtz bands	- tr Po, f.g., thin strs.
										with up to 50% felds	parallel to foln., concen.
										common, ½-5 mm thick;	near margins of qtz lenses

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										thinner bands (≤ 1 mm)	- tr PbS, m.g., one grain
										generally discont., contain	in qtz/felds band at
										more felds than thicker bands;	62.85
										~parallel to foln.	
										-wh. transl. qtz lenses common	
										(55.05-55.06; 55.85-55.87;	
										57.50-57.51; 57.76-57.84;	
										60.96-60.99; 61.47-61.53;	
										62.19-62.26; 63.24-63.29;	
										63.50-63.52; 64.80-64.84;	
										65.04-65.07; 65.30-65.32;	
										65.80-65.87; 66.22-66.26;	
										66.36-66.38; 66.84-66.87;	
										69.87-69.89); chl concen.	
										on margins & in fractures;	
										Po & Py near margins & in	
										fractures	
										-several qtz-chl phyll	
										sections: 58.29-58.53;	
										58.74-58.79; 65.34-65.61;	
										67.40-67.58; 67.75-67.78;	
										68.06-68.07	
										-folds: 56.41-56.42 -	
										isoclinal, round hinge,	
										straight limbs, AP=90°,	
										folds qtz/felds band	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										56.45 - wavy bndg., AP=65°,	
										FA=75°	
										57.50 - kinks, AP=35° opp.	
										foln., FA=80°, folds bndg.	
										58.33 - wavy bndg., AP=45°,	
										FA=65°	
										59.78 - wavy bndg., AP=35°,	
										FA=70°	
										61.71 - kinks, AP=90°, folds	
										bndg. & qtz/felds bands	
										62.69 - broad chevron, AP=88°	
										FA=86°, folds bndg. & qtz/	
										felds bands	
										63.85 - wavy bndg., AP=60°,	
										FA=65°	
										65.34 - wavy bndg., AP=40°,	
										FA=80°	
										67.13 - sharp hinges,	
										straight limbs, AP=35°,	
										f/w limb sheared off,	
										folds qtz/felds band	
										67.32 - broad, open chevron,	
										AP=85°, FA=75°, folds bndg.	
										68.18 - fairly sharp hinges,	
										wavy limbs; sheared along	
										foln. in several places,	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										AP=25° ≈ foln., folds bndg.	
										69.07 open warped bndg.,	
										AP=70°, FA=80°	
										-broken core 57.00, 58.82,	
										64.00, 64.30	
										-felds. blebs ≤1 mm, parallel	
										to foln. 63.36-63.56	
69.15	70.71	Qtz-chl phyll	med. grn	f.g.	fotd.	chl	Py,ZnS,		100	-mod. well fotd., wavy	- tr ZnS, f.-m.g., red brwn,
		(06)	-gy				PbS			30°-45°	lenses & strs in & near
										-med. bndd., bndg. ~ parallel	qtz bands, concen. 69.47-
										to foln.	69.56
										-bands lt gy transl. qtz	- tr PbS, f.g., scattered
										with up to 50% felds	grains in qtz bands 69.47-
										fairly common, ½-3 mm,	69.56
										generally discont.	- tr Py, f.-m.g.; strs &
										-several bands wh. lt. gy	thin lenses (½-1 mm),
										transl. qtz; chl concen.	concen. along margins qtz
										along margins, ~ parallel	bands
										to foln. & bndg.;	- tr Po, f.g., thin strs.,
										-folds: 69.25-kinks; AP=90°,	concen. near qtz bands
										FA=90°, folds bndg.	
										69.90 - wavy bndg, AP=25°,	
										-more chloritic towards f/w	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
70.71	74.91	Chl-qtz phyll	med. gy	f.g.	fotd.	chl	Po,Py		100	-well fotd., 28°-38°, foln.	- tr Po, f.g., strs.
		(05)	-grn							wavy	parallel to foln.; concen.
										-med. bndd., bands~ parallel	near qtz lenses & qtz/
										to foln.	felds bands; also smeared
										-lt. gy transl. qtz bands	on foln. planes
										common; ½-4 mm; up to 50%	- tr Py, f.-m.g., thin strs
										felds; thinner bands (≤1 mm)	& lenses parallel to foln.,
										discont., higher % felds.	concen. near qtz lenses &
										-transl. wh.-lt. gy qtz lenses	qtz/felds bands; also diss.
										fairly common; 5-15 mm; chl	
										concen. along margins & in	
										fractures (70.87-70.88;	
										71.31-71.33; 71.53-71.54;	
										71.60-71.63; 71.86-71.89;	
										72.03-72.10; 73.30-73.32)	
										-local qtz-chl phyll sections:	
										72.12-72.24; 73.44-73.60	
										-folds: 71.18 - wavy bndg.,	
										AP=60°	
										72.63 - wavy bndg., AP=65°,	
										FA=85°	
										73.21 - wavy bndg., AP=65°,	
										FA=45°	
										74.24 - wavy bndg., AP=85°	
										74.68-74.90 wavy bndg., AP=70°, FA=70°	
										-broken core 72.24, 72.35-72.48	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
74.91	75.66	Qte	med. gy	f.g.	fotd.	chl	Py, Po		87	-mod. well fotd., 30°-40°,	- tr Po, f.g., thin (¼ mm)
		(06)			sheared					wavy	discont. bands parallel
										-fine-med.-bndd., bands ~	to foln. & smeared on
										parallel to foln.	foln. planes
										-a few thin (½-1 mm) qtz/	- tr Py, f.-m.g., thin
										felds bands, 50% felds, qtz	(≤1 mm) lenses & diss.
										lt. gy transl., parallel to	
										bndg.	
										-many shear surfaces with	
										gouge (75.03-75.14; 75.21-	
										75.29)	
										-wavy bndg. throughout,	
										AP≈ 45°, FA≈ 60°	
										-broken core 75.02-75.46;	
										~10 cm missing	
										-slight increase chl f/w	
										half	
75.66	77.54	Qtz-chl phyll	med.-dk.	f.g.	fotd.	chl	ZnS, Py,		100	-mod. well fotd., wavy,	- tr ZnS, f.g., red-brwn.,
		(06)	grn-gy				Po			30°-45°	v. thin strs. parallel to
										-fine-med. bndd., bands ~	foln., some along margins
										parallel to foln.	of qtz/felds bands; concen.
										-qtz/felds bands ¼-4 mm	76.41-76.57
										common; qtz lt. gy transl.;	- tr Po, f.g., thin strs.
										up to 50% felds, bands ~	parallel to foln., concen.
										parallel to bndg., generally	near qtz/felds. bands

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										discont.	- tr Py, f.-m.g., thin strs.
										-wh. transl. qtz lens; 77.43-	& lenses (<1 mm) parallel
										77.46; chl concen. along	to foln.; concen. along
										margins & in fractures	qtz/felds bands
										-folds: 75.71-75.75 - wavy	
										bndg., AP=70°, folds bndg.	
										& qtz/felds bands	
										76.19 - wavy bndg., AP=75°,	
										FA=85°	
										77.29 - kinks, AP=75°, FA=70°,	
										folds bndg. & qtz/felds bands	
										-broken core 75.66-75.90	
77.54	80.34	Qtz-ser phyll	med. grn	f.g.	fotd.	ser	ZnS,PbS,		100	-mod. well fotd., wavy,	- <1% ZnS, f.g., orange-
		(07)	-gy				Cpy,As,			30°-45°	brwn. to red-brwn.; strs.
							Po,Py			-fine-med. bndd, bands ~	½-5 mm thick; concen.
										parallel to foln.	78.56, 79.10-79.20, 79.59,
										-lt.-med. gy transl. qtz	79.91, 80.13-80.38
										bands with up to 50% felds	- tr PbS, f.g., diss. along
										common; bands ½-3 mm, many	some ZnS stringers, concen.
										discont.	79.10-79.20, 80.13-80.38
										-several wh.-lt. gy transl.	- tr Cpy, f.g. thin strs
										qtz lenses (78.33-78.36;	with PbS & ZnS at 79.10-
										78.40-78.50; 78.55-78.58;	79.20
										79.79-79.82; 79.86-79.91;	- tr As, f.-m.g., brecciated,
										80.28-80.29); ≤1% felds;	fragment subangular to

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										~parallel to foln.	subrounded, concen. 80.13-
										-local more silicic sections:	80.16
										77.54-77.71; 77.95-78.11;	- tr Po, f.g., thin strs.,
										78.66-78.85; 79.06-79.09;	concen. 80.13-80.38
										79.20-79.39	- tr Py, f.-m.g., diss.,
										-folds: 77.96 - wavy bndg.,	concen. 80.13-80.38
										AP=70°, FA=90°	
										78.46 - wavy bndg., AP=70°,	
										folds bndg. & ZnS stringer	
80.34	80.66	Ser-qtz phyll	med. gy	f.g.	sheared	ser	ZnS,Py,		100	-~60% wh. & med. gry opaque	- tr ZnS, f.g. red-brwn.,
		& qtz lens	-grn				PbS			qtz in ser-qtz phyll; bands	several strs. near margins
		(04 + 13)								& lenses of ser-qtz phyll	of qtz
										& ser within qtz	- tr Py, m.g., diss., &
										-5% feld-, fractured masses	short strs.
										up to 15 mm, along margins	- tr PbS, f.g., a few grains
										and within qtz	in fracture in felds
80.66	80.83	M.S.	brwn.	f.g.	sheared	ser	ZnS,PbS,		100	-20% ser qtz phyll, wispy	- 50% ZnS, f.g., brown to
		(12)					Py,Cpy			bands intercalated with	red-brwn., strs. ½-10 mm;
										ZnS strs., bands locally	in ser-qtz phyll, along
										contorted	qtz lens margins & in
										-30% wh. & lt. gy qtz	fractures; strs. locally
										lenses, 1-2 cm thick	contorted, overall roughly
											parallel to foln.; ZnS
											concen. 80.64-80.75

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
											2-5% PbS, f.g., in
											fractures in ZnS & in qtz
											lenses, esp. along margins
											- tr Py, m.g., diss.
											- tr Cpy diss.
80.83	83.66	Ser-qtz phyll	med. gy	f.g.	fotd.	ser	ZnS,As,		100	-wh. & med.-gy qtz lenses	- 1% ZnS, f.g., red-brwn.,
		(04)	-grn		sheared		Py, PbS,			common; 5 mm - 6 cm;	strs. ½-5 mm, fairly
							Po			$\sim 50^{\circ}$-60°; 80.86, 81.20,	evenly distrib. through
										81.25-81.27, 81.33-81.34,	section
										82.30-82.39	- tr Py, f.-m.g.; brecciated,
										-bndg. in ser-qtz phyll	fragments $\leq$3 mm, subangular
										½-5 mm, very contorted,	to rounded; fairly evenly
										numerous remnants of folds	distrib with ZnS
										-folds: 81.07 - rounded hinges,	- tr As, f.-m.g.; brecciated,
										short straight limbs, AP=70°	fragments $\leq$3 mm, subangular
										81.61 - chevron, AP=70°,	to rounded, concen. in a
										FA$\approx 70^{\circ}$	few places (81.63, 81.94,
										81.72 - rounded hinges,	82.93-83.04, 83.51-83.66)
										straight limbs, AP=90°,	- tr PbS, f.g., diss. few
										FA=90°	grains
										82.89 - rounded hinges,	- tr Po, f.g., dist. with
										short wavy limbs, AP=70°,	ZnS
										FA=65°; numerous other	
										folds; folds generally	
										ptygmatic; bndg. & sulp.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										strs. are folded, qtz lenses	
										are not; many folds have been	
										fragmented by shearing	
										-broken core 32.30	
83.66	84.20	M.S.	red-brwn.	f.g.	milled	ser	ZnS,PbS,		100	-30% ser-qtz phyll, wispy ser	25% ZnS, 15% PbS, 5% As,
		(12)	& med.				As, Py			bands, contorted bndg.	5% Py
			grn-gy							-15% wh. & med. gy opaque qtz	- ZnS, f.g., red-brwn., strs.
										lens (84.00-84.04)	½-5 mm & more massive with
										-5% wh. qtz eyes 2-5 mm	lacework texture
											- PbS f.g., in with ZnS in
											more massive sections
											- As & Py, f.-m.g., sub-
											rounded to rounded frag-
											ments up to 2 mm, fairly
											diss.
											83.82-83.91 : 50% sulp.:
											25% ZnS, 15% PbS, 5% As,
											5% Py
											83.91-84.00 : 15% sulp. -
											10% ZnS, 3% As, 1% Py,
											1% PbS
											84.00-84.04 : 5% sulp. -
											2% As, 1% Py, 1% ZnS,
											1% PbS
											84.04-84.09 : 15% sulp. -

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											- 10% ZnS, 3% As, 1% Py,
											1% PbS
											84.09-84.20 : 70% sulp. -
											35% ZnS, 20% PbS, 10% As,
											5% Py
84.20	88.80	Qtz-ser phyll	med. grn	f.g.	fotd.	ser	Py,As,		97	-well fotd., 35°-50°	- 2% Py, 1% As, 1% Zns, 1% Po, tr Cpy
		(07)	- gy				ZnS,Po,			-med. bndd., bands	2% Py, f.-m.g.; brecciated,
							Cpy			generally contorted	fragments up to 8 mm sub-
										-lt. med. gy transl. qtz	angular to rounded; fairly
										bands within qtz ser phyll	evenly dist. over section
										½-10 mm	- 1% As, f.-m.g.; brecciated,
										-folds: 84.73 - isoclinal,	fragments up to 2 mm, sub-
										round hinges, AP=50°	angular to rounded; concen.
										84.99 - fairly sharp hinge,	85.09-85.10, 85.52-85.53,
										straight limbs AP=60°,	86.19-86.28, 86.43-86.48,
										FA=50°	86.50-86.54, 86.64-86.68,
										85.67 - rounded hinges	86.95-87.03
										straight limbs; AP≈70°,	- 1% ZnS, f.g., red-brwn.,
										curved, FA=50°	strs. ½-4 mm; fairly
										88.01 - chevron, AP=70°,	evenly dist. over section
										FA=80°	- 1% Po, f.g., fairly evenly
										88.31-88.37 - round & sharp	dist. over section
										hinges, straight limbs,	- tr Cpy, f.g., concen.
											86.43-86.48, 86.50-86.54

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										AP=80°, FA≈60°;	- M.S. 86.38-86.46 : 86.38-
										overall folding complex,	86.42, 35% As, 15% Py;
										AP's variable & curved,	86.42-86.46, 40% ZnS,
										FA's vary, many remnants	15% As, 15% Py
										of sheared folds	- Cpy at 86.50-86.54 over-
										-section becoming chloritic	prints Py, As
										towards end (88.80)	
88.80	93.03	Qtz-chl phyll	dk. grn	f.g.	fotd.	chl	Po,Py,As,		96	-mod. well fotd., 30°-45°	- 2% Po, f.g., strs. ¼-2 mm,
		(06)	-gy				PbS,ZnS			-med. bndd.,~parallel to	evenly distrib. through
										foln.	section
										-several wh.& med. gy	- tr Py & As f.-m.g.,
										transl. qtz lenses:	brecciated, fragments up
										89.59-89.60, 90.51-90.52,	to 2 mm, angular to sub-
										91.03, 92.20-92.23,	rounded
										92.34-92.36, 92.89-92.91	- tr PbS, f.g. diss
										-broken core: 89.55, 89.92,	- tr ZnS, f.g., strs ¼-2 mm
										90.27-90.40, 91.85-92.13	- As concen. 90.27, 90.51-
											90.52, 91.76
											- ZnS concen. 88.98, 89.10,
											91.76
93.03	98.45	Qtz-Ser (±Chl)	med. grn	f.g.	fotd.	ser+chl	Po,As,Py,		100	-mod. well fotd. 35°-45°	- 4% Po, f.g., strs. ½-3 mm,
		phyll (07)	-gy				ZnS,Cpy,			-med. bndd.~parallel to foln.	fairly evenly distrib.
							PbS			-wh. transl qtz lenses	over section
										common, 1-6 cm	- tr As & Py, f.-m.g.;

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										(93.64-93.65, 93.72-93.73,	brecciated, fragments up
										94.28-94.32, 94.38-94.39,	to 2 mm, angular to rounded
										94.59-94.61, 94.87-94.99,	concen. 93.35, 94.27,
										95.22-95.23, 95.26-95.27,	94.59, 94.87-95.15, 96.07-
										95.63-95.64, 95.72-95.74,	96.13, 97.58-97.62
										95.85-95.91, 96.11-96.16,	- tr ZnS, f.g., red-brwn.,
										96.24, 96.87-96.93, 97.00-	strs. ½-5 mm; concen.
										97.11, 97.24-97.30, 97.44-	94.87-95.15, 95.47, 96.07,
										97.46, 97.56-97.58, 97.92-	96.84-97.06
										98.00, 98.23-98.33, 98.40-	- tr Cpy, f.g., in fracture
										98.41	at 93.35
										-several silicic sections:	- tr PbS, f.g., a few grains;
										93.03-93.28, 93.75-93.88,	94.59, 94.87-95.15, 96.07-
										96.40-96.52, 96.69-96.84,	96.13, 96.84-97.06
										97.78-97.82	
										-several chloritic sections:	
										94.15-94.64, 95.55-96.10,	
										98.33-98.45	
										-ser on foln.	
										-broken core 96.67 & 96.93	
98.45	106.91	Qtz-chl phyll (06)	med. gy	f.g.	fotd.	chl	Po,Py,As		100	-well fotd.	- 2% Po, f.g., thin strs
										-med. bndd.	parallel to foln. (98.45-
										-lt. gy qte bands common:	100.34) & along margins
										100.64-100.75, 101.12-101.17,	of qtz lenses & in fract-
										101.88-101.91, 101.97-102.06,	ures (100.34-106.91)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										102.31-102.38, 102.55-102.81,	- tr Py, f.-m.g., thin strs.
										102.83-102.87, 103.10-103.17,	(≤2 mm) 99.52-99.56, 99.58-
										103.28-103.39, 103.80-103.82,	99.64, 101.29-101.31 and
										103.86-103.88, 104.11-104.15,	f.g. diss. throughout
										104.92-104.98, 105.36-105.39,	section
										105.40-105.50, 105.58-105.65,	- tr As, f.m.g., brecciated,
										105.72-105.75, 105.77-105.85,	fragments ≤2 mm, 101.29-
										106.33-106.69	101.31, 106.5
										-transl. wh. qtz lenses common:	
										98.63-98.67, 98.77-98.80,	
										99.09-99.14, 99.19-99.20,	
										99.37-99.41, 99.71-99.73,	
										99.82-99.84, 100.15-100.19,	
										100.31-100.32, 101.15-101.68,	
										(many qtz lenses & bands)	
										101.76-101.80, 101.82-101.85,	
										102.55-102.85 (several bands	
										at low angle to core axis)	
										103.10-103.13, 103.24-103.26,	
										103.63-103.67, 103.89-103.92,	
										103.98-104.01, 104.04-104.11,	
										104.22-104.32, 104.39-104.45,	
										104.65-104.66, 105.25-105.26,	
										105.52-105.58, 105.61-105.62,	
										105.79-105.87, 106.07-106.08,	
										106.19-106.24, 106.30-106.33,	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										106.73-106.74, 106.89-106.91;	
										chl concen. along margins	
										-lt. gy transl. qtz bands with	
										up to 50% felds common, ½-2 mm,	
										35^{o}-40^{o}	
										-folds: 101.66-101.67 - broad,	
										open, crenulated limbs & hinge,	
										AP=45^{o}, FA=40^{o}	
										102.00 - isoclinal, sharp	
										hinge, straight limbs,	
										AP=30^{o}	
										104.92 - rounded hinge &	
										limbs, AP=30^{o}, FA=40^{o}	
										-clots of chlorite up to ½ mm	
										common 103.02-106.07	
										-broken core 99.00, 103.02,	
										103.48	
106.91	109.12	Chl-qtz phyll	bk.-dk.	f.g.	fotd.	chl	Po		100	-well fotd., 30^{o}-35^{o}	- tr Po, f.g., smeared on
		(05)	gy-grn							-med. bndd., 30^{o}-40^{o}	foln. planes & along
										-several silicic sections:	margins of qtz lenses
										106.98-106.99, 107.67-107.82,	
										108.08-108.11,	
										-transl. wh. qtz lenses common:	
										106.94-106.95, 107.21-107.23,	
										107.34-107.40 (several),	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-9

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										107.53-107.66, 108.02-108.06,	
										108.87-108.90; chl concen.	
										along margins	
										-qtz/felds band at 108.92;	
										70% felds, 25°, discont.	
			- END OF CORE -							- END OF CORE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47233	78.38	79.38	1.00		100		<1% ZnS, tr PbS & Cpy	0.22	0.45	0.033	2.4	0.3		
47234	79.38	80.34	0.95		100		<1% Zns, tr PbS, Cpy, As, Py, Po	0.31	1.43	0.200	3.6	0.5		
47235	80.34	80.66	0.32		100		tr ZnS, Py, PbS	0.05	0.14	0.014	0.9	0.5		
47236	80.66	80.83	0.17		100		50% ZnS, 2-5% PbS	2.26	8.52	0.039	42.2	1.0		
47237	80.83	81.80	0.97		88	0.12	1% ZnS, tr Py, As & PbS & Po	0.07	0.29	0.117	2.4	0.3		
47238	81.80	82.80	1.00		100		" " "	0.21	1.30	0.225	3.8	0.3		
47239	82.80	83.66	0.86		100		" " "	0.16	1.00	0.360	3.9	0.2		
47240	83.66	84.20	0.54		98	0.01	25% ZnS, 15% PbS, 5% As + Py	2.78	9.03	0.319	30.5	3.8		
47241	84.20	85.20	1.00		93	0.07	2% Py, 1% ZnS, Po, 1% As	0.33	1.11	0.307	4.9	0.5		
47242	85.20	86.20	1.00		100		" " "	0.11	0.23	0.214	5.3	0.2		
47243	86.20	87.20	1.00		100		" " " tr Cpy	0.31	0.48	4.430	15.4	1.7		
47244	87.20	88.20	1.00		88	0.12	" " "	0.08	0.11	0.501	5.5	0.7		

DRILL HOLE NO. 84-9

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-10

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 15, 1984	PROJECT: J&L
		COLLAR	- 0.4°	222.36°	DATE COMPLETED: October 15, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.401	LOCATION: 830m drift
					NORTHING: 9,880.312	
					EASTING: 10,822.448	
					AZIMUTH: 222°	
					DEPTH: 10.06	DATE LOGGED: October 15, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL		ROCK TYPE	DESCRIPTION							STRUCTURE	REMARKS
FROM	TO		COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	(FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	MINERALIZATION, TYPE, AGE RELATIONS
0.00	5.84	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		As, Py,		98	- minor qtz lenses & veins	1-2% Py (f.g.)
		(07)	gy		shrd.		ZnS, PbS,			(±feld) at 1.25-1.34 m,	<1% As (f.g.) rounded to
							Po, Cpy			1.37-1.51 m, 2.23-2.27 m	subrounded
										- v. thin interbndd. lt.	<1% ZnS (red to v. lt. brn.)
						Sulp. bndg.: 0.29, 70° (Py); 1.58-				Qte at 3.46-3.49 m,	strs.
						1.61, 55° (ZnS); 1.89, 50° (ZnS str),				4.37-4.42 m, 5.03-5.26 m	1-2% Po strs & f.f.
						2.19, 45° (ZnS strs); 3.70, 45°				decr. ser. towards f/w	tr PbS & Cpy
						(Po str); 5.07, 54° (ZnS, As band);				foln. 50°-60°	PbS at 1.25 m, 1.50 m
						5.72, 54° (ZnS str)				- tight isoclinal folding	Po-Py bnds. (narrow) at
										(F.A. 80°, AP 90°), folds	0.29 m, 1.51 m
										ser bands & Po strs	ZnS concen. at 1.55-1.59 m,
										- minor calc. f.f.	2.14-2.15 m
										throughout (esp. in the veins)	Po appears more concen. in
											first 1.15 m
5.84	7.94	Qtz-Chl (±Ser)	lt. gy	f.g.	fotd.		Po, ZnS,		100	at 5.84-5.92 Qtz & Ser	2-3% Po strs. & f.f.
		Phyll	grn		shrd.		As, Py			foln. 43°-58°	tr ZnS (red) strs. & f.f.
		(06)								incr. chl towards f/w	tr As (f.g.) scattered grains

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-10

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										qtz (±feld) lenses & veinlets, minor	tr Py (f.g.) blebs & strs.
										- at 6.78-6.89 m Qte bnd. with minor thin Qtz-chl bnds. (x-cutting v. narrow qtz ±ZnS)	
										- minor calc. f.f.	
7.94	10.06	Chl-Qtz Phyll (05)	grn	f.g.	fotd.		Po,Py		100	minor chl-rich zones at 8.31-8.34 m & 9.74-9.89 m	2-3% Po f.f. & along foln. 1-2% Py (f.g.-m.g.) f.f.
										minor qtz lenses & veins (±feld) at 8.34-8.35 m, 8.69-8.70 m, 9.62 m foln. 50°-52°	- sulp. bndg.: 8.11, 50° (Po,Py str.); 8.43, 45° (Po,Py str.)
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47199	0.00	1.00	1.00		100		tr ZnS & As	0.03	0.03	0.125	5.2	0.3		
47200	1.00	2.00	1.00		100		1% ZnS, <1% As	0.54	0.45	0.541	17.1	0.8		

DRILL HOLE NO. 84-10

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-11

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 15, 1984	PROJECT: J&L
		COLLAR	- 0.2°	042.7°	DATE COMPLETED: October 15, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.404	LOCATION: 830 m drift
					NORTHING: 9,882.900	822.26E Section
					EASTING: 10,822.482	
					AZIMUTH: 042°	
					DEPTH: 12.49 m	DATE LOGGED: October 15, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg & T. Garrow

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.18	M.S.					ZnS, PbS		89	10-15% irreg. white	- 50% ZnS (red to honey)
		(12)								qtz lenses (±dol.)	lacework
										translucent to trans-	- 10% PbS (f.g.-v.f.g.)
										part qtz frags	mostly as part of matrix
										sil matrix	- sulp. bndg. 60° at h/w
										grd. core 0.00-0.07 m	
										calc. f.f.	
0.18	0.75	Qte	dirty wh.	f.g.	fract.		ZnS, PbS,		100	foln. (strs.) 60°	- 10% ZnS (red to honey)
		(06)	to gy				Py			open fract. at 0.27 m	strs. & f.f.
										(26°)	3% PbS (f.g.) found with
										minor calc. f.f.	the ZnS
										grd. core at 0.29-0.38 m	5% Py (f.g.-c.g.)
											- Py concens. at 0.50-0.53 m,
											0.67-0.75 m
											- PbS concens. at 0.55-0.59 m
											& 0.18 m
											- sulp. bndg. 47°-50° near

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-11

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
											f/w; 50°-60° near h/w
											(ZnS strs); 48° f/w contact
											of Py rich zone
0.75	3.37	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		ZnS,Py,		100	minor qtz (±feld)	< 1% ZnS (red to lt. brn.)
		(07)	gy				As, Po,			lenses and veins	strs.
							PbS			minor calc. f.f.	< 1% Po f.f. in qtz @ 1.40 &
											smeared on foln.
										- .75-1.15 open fold,	tr Py (m.g.) diss. & in
										wavy bndg., AP=90°,	f.f. & Po
										FA=85°, folds Po strs.	< 1% As (f.g.-m.g.) thin
										- 1.15-1.20 qtz vein & red	strs .75-1.15
										ZnS str + tr PbS; 50°	tr PbS (v.f.g.)
										- 2 mm ZnS str @ 1.44 &	
										1.80 & 2.35 & 2.63 &	- sulphs. assoc. with sil.
										6 mm @ 3.22 all slightly	bnds.
										x-cutting foln. @ 50°	- sulp. bndg.: 1.80, 52°
										- thin Po & As str. parallel	(ZnS str.); 2.63, 62°
										foln?	(ZnS str.); 3.22, 50°
										- foln. @ 2.63 = 56°	(ZnS band)
3.37	4.21	Qtz-Chl Phyll	lt. gy-	f.g.	fotd.		Po, Py		100	- foln. @ 3.60 = 46°	1% Po f.f. & along foln.
		(±Ser)	gry							- sec. qtz vein 4.03-4.11	<1% Py (f.g.) blebs
		(06)								minor f.g. Po & Py str.	
										minor chlorite & ser frag?	
										- minor qtz	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-11

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
4.21	4.70	Qte	lt. gy	f.g.	fotd.		-		88	- minor ser on foln.	
		(06)								- foln. 4.60 = 44° (S2) &	
										36° (S3?)	
4.70	6.23	Qtz-Chl Phyll	gy-grn	f.g.	fotd.		ZnS, Po,		100	- locally well fotd.	
		(±Ser)					Py			- minor sec. qtz veins	<1% ZnS str. (red to honey)
		(06)								+ c.g. feld xtals along	<1% Po str.
										foln.	tr Py m.g. diss.
										- low angle calc f.f. &	- sulp. bndg.: 5.04, 50°
										slip @ 5.6 = 15°	(ZnS str.); 5.29, 60°
										- foln. @ 4.88 = 46 (S_3)	(ZnS str.)
										- foln. @ 5.80 = 43 (S_3)	
										- vague tight folding @	more chl locally
										5.70-5.80	
										* fault gouge 5.13-5.20 @	
										52° + tr ZnS & minor sec.	
										qtz	
										- ZnS & Po str. @ 50°	
										slightly x-cutting	
										S_3 foln.	
6.23	6.55	Qtz-Ser Phyll	lt. grn	f.g.	fotd.		ZnS, Py		100	- numerous slips (47°)	1% red ZnS strs, tr Py
		(07)	-gy								
6.55	7.30	Lst (sil)	med. gy	f.g.-m.g	fotd.		ZnS, Py		100	- weakly fotd.	5% red & yellow f.g. ZnS
		(02)								- locally vague folding	in 1-3 mm wispy irreg.
										- vague <1 mm round dk. gy	x-cutting str.
										qtz grains	1% (v.f.g.) Py diss.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-11

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- minor x-cutting sec. qtz	tr As
										veins + m.g. feld. xtals.	- sulp. bndg.: 6.60, 40°;
										- bottom contact gradational	6.66, 30°; 6.75, 47°;
										with increased calc. f.f.	6.90, 44° (all ZnS strs.)
										- ZnS str in sec. qtz @ 7.30	
										- abundant calc. f.f.	
7.30	11.50	Argl. Lst.	lt.&dk.	f.g.-m.g.	fotd.		ZnS		98	- well fotd.	tr ZnS 1-1 mm str. @ 7.44
		(02)	gy							- lt. & dk. gy bndg.	
		+ calc. sweat								+ white thin c.g. calc.	
		outs								bndg. x-cutting foln.	
										- bndg.: 7.37, 65°, 9.24,	
										50° (cb sweats)	
										- no graph; v. calcareous	
										- 10% c.g. calc. irreg.	
										x-cutting sweat-outs	
										- foln. @ 7.60 = 40°	
										(bndg. S_2?)	
										- foln. @ 10.97 = 46°	
										(bndg. S_2?)	
										- foln. @ 10.40 = 45°	
										white calc.	
										- no c.g. calc. bands or	
										sweat-outs at end of	
										unit 10.76-11.50	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-11

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
11.50	11.89	Lst.	white	f.g.	fotd.	ser?	-		100	- very clean Lst.	no sulphides
		(03)	lt. gy							- minor ser on foln.	
										- sharp contacts	
										- foln. @ 11.74 = 42°	
										- no cross cutting calc. f.f.	
										- v. uniform appearance	
										- upper & lower contacts @ 43°	
11.89	12.49	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		Po		100	- well fotd., v. sericitic	<1% Po smeared on foln.
		(07)	lt. gy							- minor sec. qtz lenses &	+ thin str. slightly
										small qtz str. + feld.	x-cutting foln. @ 11.95
										xtals	
										- minor chlorite spots	
										- thin calc. f.f. or slip	
										@ 13°	
										- foln. @ 12.06 = 42°	
										- foln. @ 12.49 = 54°	
E.O.H.											

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47201	0.00	0.18	0.18		89	0.02	50% ZnS, 10% PbS	13.70	15.80	0.046	108.3	2.1		
47202	0.18	0.75	0.57		100		10% ZnS, 3% PbS, 5% Py	3.47	9.03	0.491	53.3	0.8		
47203	0.75	1.62	0.87		100		1% ZnS, 1% As	0.25	0.43	0.604	6.4	0.5		
47204	1.62	2.49	0.87		98	0.02	<1% ZnS, <1% As & Po	0.04	0.14	0.026	1.4	0.7		
47205	2.49	3.37	0.88		98	0.02	<1% ZnS, <1% As, tr Py & Pbs	0.06	0.39	0.010	6.9	<0.1		
47206	3.37	4.21	0.84		100		1% Po, <1% Py	0.01	0.02	0.011	1.4	<0.1		
47207	4.21	4.70	0.49		88	0.06		<0.01	0.02	0.003	3.4	<0.1		
47208	4.70	5.70	1.00		100		<1% ZnS & Po, tr Py	0.03	0.13	0.017	0.3	0.4		
47209	5.70	6.23	0.53		100		<1% ZnS & Py	<0.01	0.01	0.016	2.3	0.5		
47210	6.23	6.55	0.32		100		1% ZnS, tr Py	0.01	0.08	0.005	6.9	<0.1		
47211	6.55	7.30	0.75		100		5% ZnS, 1% Py, tr As	0.03	1.34	0.059	2.7	<0.1		
47212	7.30	8.30	1.00		100			0.02	0.06	0.004	4.1	<0.1		

DRILL HOLE NO. 84-11

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-12

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 15, 1984	PROJECT: J&L
		COLLAR	0.4°	224.4°	DATE COMPLETED: October 15, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.531	LOCATION: 830M drift
					NORTHING: 9,983.273	799.48 E section
					EASTING: 10,799.788	
					AZIMUTH: 222°	
					DEPTH: 10.06 m	DATE LOGGED: October 15, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow & R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.0	0.28	Core Lost									
0.28	0.69	Qtz-Chl-Ser Phyll	lt. grn-	f.g.	fotd.		Po,As,Py		100	- ser/qtz (60/40)	1% Po in thin str. along
		(06)	lt. gy							- well fotd.	foln. & smeared on foln.
										- tr sec. qtz lenses + feld	tr f.g. As blebs
										xtals	tr f.g. Py blebs
										- locally abdn. chl	
										- foln. @ 0.30 = 42° S_3	
										- foln. @ 0.68 = 47° S_3	
										- med. bndd., 40°-50°	
0.69	1.57	Qtz-Chl Phyll	dk. grn	f.g.	fotd.		Po, As,		99	- wavy-lensy foln.	2-3% Po in thin str. along
		(06)					Py, ZnS			- 10% white sec. qtz	foln. & smeared on foln.
										lenses	tr f.g. As blebs
										- minor qtz & feld xtals	tr ZnS red str.
										along foln.	tr f.g. Py
										- minor more chl bnds.	ZnS & As found at 1.17 m
										- foln. @ 1.10 = 42° (S_3)	
										- bottom contact sharp	
										- grd. core at 0.90 m med. bndd., 42°-52°	

DRILL HOLE NO 84-12

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-12

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
1.57	2.85	Qte	lt. gy	f.g.	weakly		Po,		100	- very clean qte	tr Po smeared on foln.
		(06)	to		fotd.		As,Py,ZnS			- minor ser on foln.	tr As, Py & ZnS (v.f.g.)
			dirty wh							- several v. minor slips	
										& dislocation @ 38°	
										- foln. @ 1.85 = 53°	
										- foln. @ 1.94 = 40°	
										- bottom contact gradational	
										increasing ser	
										- med. bndd., 40°-50°	
										- 5% sec. white qtz lenses	
										Qtz-Ser bnds. at 2.15-2.31 m, 2.52-2.55 m, 2.59-2.61 m	
2.85	6.59	Qtz-Ser	lt. gy	f.g.	fotd.		Po,ZnS		100	- Alternating clean qte	- 2-3% Po str. along
		Phyll+Qte	lt. grn				PbS,Py,			& qtz-ser phyll sections	foln. + smeared on foln.
		(07+06)					Cpy			- 5% sec. qte lenses	throughout
										- well fotd.	- <1% ZnS f.g. red 1 mm str.
										- locally possible tight	@ 3.14 & 5.58 & 5.78
										isoclinal folding @ 5.29	- tr f.g. As 1-2 mm str. f.g.
										AP≈ 50°, FA≈ 60°	As + Po @ 4.90 & 5.68
										- very calcareous 3.20-3.21	- tr PbS + Po str. @ 5.82
										- beige colour @ 3.19 &	- < 1% Py m.g. diss. & small
										v. thin beige str sporad-	discontinuous str. often
										ically	with Po
										- gradational contacts	- more abn. Py str. 5.60-
										- foln. @ 3.14= 45°	6.00
										- foln. @ 3.19= 48° colour bndg.	tr Cpy
										& ser on foln.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-12

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- foln. @ 3.84= 48° ZnS str.	- sulp. bndg.: 3.17 m, 58°
										- foln. @ 6.34 = 47° Ser	(ZnS, As, vague); 3.48,
										abund. Qte bnds. at	56° (Po str.); 4.56, 60°
										3.19-3.23 m, 3.58-3.60 m,	(Po str.); 5.57, 50°
										3.80-3.83 m, 3.91-4.03 m,	(ZnS str.)
										4.38-4.42 m, 4.43-4.50 m,	
										4.67-4.73 m, 6.04-6.07 m,	
										6.14-6.19 m, 6.44-6.52 m.	
6.59	8.55	Qte	lt. gy	f.g.	weakly		Po,ZnS,		100	- v. uniform clean qte with	- <1% Po in v. thin str.
		(06)			fotd.		As			minor sections of qtz-ser	along foln. & smeared on
										phyl	foln. several 1 mm Po
										- <5% sec. qtz lenses assoc.	str. @ 7.20 & 8.33
										with more phyllitic areas	one 5 mm str. Po @ 7.31
										- sulphides assoc. more with	folded (isoclinal), AP=45°,
										phyllitic areas	FA=50°
										- increased qtz-ser phyl	- tr c.g. As in Po str.
										towards bottom	@ 7.20 & 7.31
										- gradational contacts	- tr c.g. Py @ 7.31
										- foln. @ 7.01 = 50° ser	- tr f.g. red ZnS @ 7.31
										- foln. @ 7.20 = 50° Po on S_2	As str. along S_2 surface
										- foln. @ 7.80 = 52° Ser	of small isoclinal fold.
										qtz ser ($\pm$chl) bnds at	- sulp. bndg.: 8.01 m, 36°
										7.17-7.33 m, 7.41-7.45 m,	(Po str.)
										7.88-7.93 m, 7.99-8.04 m,	
										8.15-8.32 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-12

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
8.55	10.06	Qtz-Chl-Ser Phyll	lt. gy-	f.g.	fotd.		Po		100	- wavy-lensy foln.	1% Po str. & along foln.
		(06)	dk. gy							- locally minor clean qte	
										- locally moderately chloritic	
										- <5% white sec. qtz lenses	
										- tr small feld. xtals in	
										sec. qtz	
										- possible small refolded fold	
										@ 9.03 with sec. qtz in nose	
										qte at 8.74-8.75 m, 8.82-8.84,	
										8.93-9.06 m, 9.95-9.99 m	
										- concen. of qtz lenses &	
										veins at 8.80-8.93 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-13

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 15, 1984	PROJECT: J&L
	-N-	COLLAR	- 0.5°	042.51°	DATE COMPLETED: October 15, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.493	LOCATION: 830M drift
					NORTHING: 9,886.505	799.48E section
					EASTING: 10,799.477	hanging wall
					AZIMUTH: 042°	
					DEPTH: 10.05 m	DATE LOGGED: October 15, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow & R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.0	0.24	Core Lost							0		
0.24	0.46	Qtz-Ser Phyl	lt. gy-	f.g.	fotd.		Po, As		100	- qtz/ser (60/40)	tr Po along foln.
		(07)	lt. grn							- gradational contact	& thin Po str.
										- wavy foln.	tr f.g. As
0.46	3.86	Qte	lt. gy	f.g.	weakly		As, ZnS,		99	- clean qte with minor	- <1% m.g.-f.g. As in 1-2 cm
		(06)			fotd.		Py, Po			ser on foln.	bnd. @ 1.50 with tr ZnS
										- no sec. qtz	sec. qtz & feld xtals, 60°
										- minor x-cutting calc.	to core axis & 1 cm bnd.
										fractures @ 0.66 = 30°	@ 1.70 with tr ZnS
										@ 1.92 = 37° & 73°	- <1% m.g.-f.g. Py bnds.
										- minor f.g. felds xtals	1.70-1.80 also tr Po
										with sec. qtz	- tr Po on foln. (S_2?)
										- foln. @ 1.08 = 60° ser (S_2?)	
										- foln. @ 1.82 = 45° Py str.	
										- folding @ 3.70-3.86 (F_4)	
										v. minor calc. f.f.	
										- grd. core at 1.98 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-13

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
3.86	4.16	M.S.			fractured		ZnS, Po,		100	v. folded & fractured qtz	- 50% red to lt. brn. to
		(12)					Py, Cpy			ser phyl, 50% f.f. with	honey ZnS in v. thin
							& Meneg.			sulps.	irregular splaying fract-
							As, PbS			- 5% sec. qtz	ures (lacework) resembling
										- 1% calc. f.f. & Bx frags.	pseudo. breccia.
										- minor feld? xtals	- tr m.g. Py diss.
										- f/w contact 62°	- tr Po f.g. diss.
											- tr As? v.f.g.
											tr Cpy & Meneg. (v.f.g.)
											- 3% PbS (v.f.g.)
4.16	5.25	Qtz-Ser Phyll	lt. gy-	f.g.	weakly		ZnS, As		100	- similar to M.S. unit	- 2-3% red to lt. brn. to
		(07)	lt. grn		fotd.		Py, Po			above with much less	honey f.g. ZnS in v. thin
							PbS, Cpy			sulphs.	x-cutting fractures approx.
										- v. folded & contorted	40°
										- 10% white sec. qtz	- tr Po in v.f.g. & thin str.
										- sulphides in x-cutting	parallel to ZnS str. @
										fracts & around sec. qtz	4.18
										in fold noses	- tr Po smeared on foln.
										- minor f.g. feld? xtals in	1% f.g. Py along foln.
										sec. qtz & ZnS str.	4.90-5.00
										- slips @ 4.80 = 60°	- tr As, tr Cpy, Pbs
										- x-cutting qtz at 4.80-	4.50-4.57
										4.82 m, 5.05-5.13 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-13

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
5.25	5.30	M.S.			fractured		ZnS, PbS,		100	- breccia? abn. fractures	60% red to lt. brn. ZnS
		(12)					Py, As			- 20% sec. white qtz	f.f. almost a breccia.
										- 10% qtz-ser frags.	5% v.f.g. PbS
										- minor v.f.g. diss. carb.	tr As & Py
										f.f.	
										- minor f.g. feld xtals	
										- sulphides str @ 58°	
										- f/w contact 54°, h/w	
										contact 60°	
										- sil matrix	
5.30	5.74	Qtz-Ser Phyll	lt. gy-	f.g.	fotd.		Po, As,		100	- wavy lensy foln.	- 1% Po along foln.
		(07)	lt. grn				Cpy			- 5% white sec. qtz folded?	tr As & Cpy (f.g.) at
										lenses	5.68 m
										- fractured qtz lens+feld (c.g.)	
										5.69 m with chl & Po f.f.	
										- moderately sericitic	
										- foln. @ 5.45 = 50°	
5.74	6.40	Chl-Ser-Qtz	lt. gy-	f.g.	fotd.		Po, Py, As		100	- moderately chloritic	- 1% v.f.g. Po str along
		Phyll	med. grn							- wavy lensy foln.	foln.
		(05)								- < 2% white sec. qtz	- 1% m.g., Py diss.
										- minor v.f.g. feld xtals	- tr f.g.-m.g. As grains
										along foln.	
										- several chevron folds F_4	
										- foln. @ 6.10 = 52° S_3	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-13

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
6.40	7.24	Ser-Qtz (±Chl)	lt. gy-	f.g.	fotd.		Po,ZnS,		100	- very foliated	- 1% Po along foln.
		Phyl	dk. gy				Py			- ser/qtz (60/40)	- tr red to brn. f.g. ZnS -
		(04)								- straight foln.	one 1 mm ZnS str @ 6.43;
										- tr sec. qtz	53°
										- tr f.g. feld xtals along	tr f.g. Py grains
										foln.	
										- foln. @ 6.68 = 50°	
										- minor gouge - 1 mm in	
										several places along foln.	
										@ 6.58-6.60	
										- minor calc. f.f.	
7.24	10.05	Chl-Ser-Qtz	lt. grn	f.g.	fotd.		Po, Py		100	- wavy foln.	1% Po along foln.
		Phyl								- <5% sec. qtz lenses & veins	1% Py f.g.-m.g. diss.
		(05)								- minor feld. in qtz along	
										foln. (52°)	
										- 1 cm qtz vein @ 8.90 with	
										minor m.g. Py + fuschite @	
										75° to F_3 foln.	
										- several small chevron	
										folds (F4)	
										- @ 8.00-8.12 several lenses	
										of sec. qtz + chl, Py & dk.	
										grn needle-like xtals	
										- fold at 8.95: kinks,	
										slightly round hinges, AP=80°, FA=80°	
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47213	0.24	0.46	0.22		100		tr Po & As	<0.01	0.02	0.023	2.7	< 0.1		
47214	0.46	1.46	1.00		100		tr ZnS & Py	<0.01	0.01	0.026	1.0	0.4		
47215	1.46	2.46	1.00		86	0.14 m	<1% As, tr ZnS, Py & Po	0.04	0.04	1.470	2.1	0.7		
47216	2.46	3.46	1.00		100		<1% Py, tr Po	<0.01	<0.01	0.009	3.6	0.5		
47217	3.46	3.86	0.40		100		<1% Py, tr Po	0.06	0.07	0.006	5.5	< 0.1		
47218	3.86	4.16	0.30		100		50% ZnS, 3% PbS, tr As, Py, Po	0.86	6.72	0.087	16.0	0.5		
47219	4.16	4.73	0.57		100		1-2% ZnS, <1% Py, tr Po	0.22	1.15	0.468	7.3	0.3		
47220	4.73	5.30	0.57		100		2-3% ZnS, 1-2% Py, tr As, Cpy	0.26	3.21	0.014	7.9	0.3		

DRILL HOLE NO. 84-13

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-14

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 16, 1984	PROJECT: J&L
	-N-	COLLAR	- 0.1°	222.4°	DATE COMPLETED: October 16, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.392	LOCATION: 830m drift
					NORTHING: 9,891.049	774.81E section
					EASTING: 10,775.245	footwall
					AZIMUTH: 222°	
					DEPTH: 9.75 m	DATE LOGGED: October 16, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL		ROCK TYPE	DESCRIPTION							STRUCTURE	REMARKS
FROM	TO		COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	(FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	MINERALIZATION, TYPE, AGE RELATIONS
0.00	1.17	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		Po,Py,As		85	narrow ser bnds.	3-5% Po f.f. & along foln.
		(07)	gy							minor qtz (±feld) lenses	1% Py (f.g.-m.g.)
										(at 0.10-0.12 m)	tr As (f.g.-m.g.)
										minor chl incr. to f/w	
										foln. 40°-45°	
1.17	9.75	Qtz-Chl Phyll	lt. gy-	f.g.	fotd.		Po, ZnS,		100	minor more chl bnds.	5% Po f.f. & along foln.
		(06)	grn		shrd.		As, Py,			abundant qtz (±feld)	tr ZnS (red) f.f.
							PbS			lenses & veinlets & veins	tr As (f.g.) in qtz
										(at 1.75-1.79 m, 3.19-3.24 m,	Po concen. within the qtz
										3.30-3.36 m, 3.61-3.70 m,	tr Py (f.g.)
										5.22-5.25 m, 5.84-5.90 m,	tr PbS (f.g.) with As &
										5.94-6.05 m)	ZnS at 6.85 m & 7.60 m
										narrow qte bnds. at 4.18-	
										4.27 m, 4.81-4.86 m, 5.01-	
										5.03 m, 5.07-5.14 m, 5.44-	
										5.48 m, 5.56-5.59 m	
										foln. 40°-45°	
										tr calc. f.f.	

DRILL HOLE NO 84-14

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-14

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										folds: 4.68 m, tight chevron,	
										AP=35°, FA=50°, folds bndg.	
										7.85 m, isoclinal, AP=47°,	
										FA=47°, folds bndg.	
										8.43 m, isoclinal, AP=43°,	
										FA=55°, folds bndg.	
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-15

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 15, 1984	PROJECT: J&L
		COLLAR	- 0.2°	040.9°	DATE COMPLETED: October 16, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.370	LOCATION: 830 m drift
					NORTHING: 9,893.644	
					EASTING: 10,774.875	
					AZIMUTH: 042°	
					DEPTH: 10.06 m	DATE LOGGED: October 16, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.34								0	Lost core	
0.34	0.78	Ser-Qtz Phyll	lt. grn-	f.g.	fotd.		Py, ZnS,		100	minor narrow (1 mm)	2-3% Py (f.g.)
		(04)	gy		shrd.		Po,As			qtz (±feld) veins & strs.	1% Po f.f.
										foln. 50°	<1% ZnS (red) f.f.
										minor calc. f.f.	sulphs. mostly found in
										broken & grd. core 0.00-	qtz str. veins
										0.41 m (L.C.)	tr As (v.f.g.)
0.78	4.29	Ser-Qtz Phyll	lt. grn-	f.g.	fotd.		ZnS,Py,		100	minor qtz (±feld) lenses	1% ZnS (red to lt. brn.)
		(04)	gy		shrd.		Po,As,			& veins (1.81-1.89 m &	strs.
							PbS			2.68-2.73 m)	1-2% Py (f.g.-m.g.)
										- more sil than above	<1% Po strs & f.f.
										unit, locally	- best ZnS at 0.47-0.51 m
										foln. 50°	but scattered throughout
										- minor tight isoclinal	- tr As (f.g.)
										folds (A.P. 005°)	- tr PbS (v.f.g.) with the
											ZnS

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-15

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
4.29	4.52	M.S.			shrd.		ZnS,PbS,		100	25% wh. qtz lenses &	M.S. to semi-M.S.
		(12)			fract.		Py,Po,			patches (espec. 4.48-4.52 m)	40% ZnS (red to lt. brn.)
							Cpy			ser gangue at f/w	strs. & patches
										calc. & sil gangue dominates	5-7% PbS (f.g.) f.f.
										minor chl gangue	tr Po f.f.; tr Cpy diss.
										- f/w contact 55° several 5 mm	at f/w
										bands, ZnS with thin orient-	<1% Py (f.g.) blebs
										ation	
										- bndg. at 4.44 m, 50°	
4.52	5.09	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		Po,ZnS,		100	minor wh. qtz eyes at f/w	1% ZnS (red to honey) f.f.
		(07)	gy		shrd.		As,Cpy,			* Gouge at 4.80-4.84 m	& strs.
							PbS			minor qtz (±feld) veinlets	1% Po f.f. & patches
										- slip (42°) at 4.87 m	(concen. at 4.52-4.62 m)
										foln. 48°; minor calc. f.f.	with PbS & Cpy
											tr As (f.g.-m.g.)
											- Po band at 4.65, 60°
											tr Cpy & PbS (f.g.)
5.09	5.41	Chl-Ser-Qtz	lt. grn	f.g.	fotd.		Po		100	minor white to transl.	
		Phyll			shrd.					qtz lenses	
		(05)								(up to 1.5 cm across)	1% Po f.f.
5.41	7.39	Qte+Ser(±chl)	dirty wh.	f.g.	fotd.		Po,As,		93	foln. 48°-55°; bndg.	3-5% Po f.f. & patches
		Phyll	to lt.		shrd.		Cpy,Py			parallel to foln.	< 1% As (f.g.-m.g.)
		(06+04)	grn-gy							qtz veinlets & lenses	tr Cpy & PbS
										(±feld)	< 1% Py (f.g.)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-15

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										alternating bnds. of Qte	- concen. fo Po at 5.83-
										& Phyll	5.96 m with minor As;
										Ser Phyll at 5.75-5.82 m,	50°
										5.96-6.01 m, 6.14-6.32 m,	
										6.42-6.48 m, 6.60-6.66 m	
										a no. of smaller ser bnds.	
										Qte:Phyll, 1:1	
										minor calc. f.f.	
7.39	8.21	Qtz-Chl Phyll	lt. grn	f.g.	fotd.		Po,Py		100	minor qtz ($\pm$feld) veinlets	2-3% Po strs. & f.f.
		($\pm$ ser)			shrd.					& lenses	<1% Py (f.g.)
		(06)								at 7.78-7.87 m fotd. Qte	
										with minor qtz lenses &	
										v. minor chl	
										- concen. of qtz lenses at	
										7.92-8.20 m	
										- foln. 48°-55°; bndg.	
										parallel or slightly	
										shallower than foln.	
8.21	10.06	Chl-Qtz Phyll	grn	f.g.	fotd.		Py,Po,		100	minor qtz ($\pm$feld)veinlets	1% Py (f.g.) blebs
		(05)					PbS			& lenses	1% Po f.f.
										foln. 50°	Py is rounded to angular
										a few narrow more sil sections	
										- wavy bndg. at 9.62; AP=50°, FA=80°, opp. to foln.	tr PbS in qtz veinlet
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47221	0.34	0.78	0.44		100		2-3% Py, <1% ZnS, tr As	0.06	0.21	0.076	1.4	<0.1		
47222	0.78	1.78	1.00		99	0.01	1-2% Py, 1-2% ZnS, tr As & PbS	0.08	0.77	0.020	5.5	<0.1		
47223	1.78	2.78	1.00		99	0.01	1-2% Py, <1% ZnS, tr As & PbS	0.04	0.10	0.002	4.1	<0.1		
47224	2.78	3.78	1.00		99	0.01	1-2% Py, 1% ZnS, tr As & PbS	0.03	0.13	0.006	3.4	<0.1		
47225	3.78	4.29	0.51		100		" " "	0.13	0.44	0.005	4.8	<0.1		
47226	4.29	4.52	0.23		100		40% ZnS, 5-7% PbS, tr Po & Cpy	2.68	10.70	0.033	48.5	0.2		
47227	4.52	5.09	0.57		100		1% ZnS & Po, tr As, Cpy & PbS	0.11	0.45	0.203	4.8	<0.1		

DRILL HOLE NO. 84-15

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-16

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 16, 1984	PROJECT:	J&L
		COLLAR	- 0.2°	222.0°	DATE COMPLETED: October 16, 1984	N.T.S.:	82M/8E
					COLLAR ELEV.: 839.304	LOCATION:	830M drift
					NORTHING: 9,899.329		
					EASTING: 10,749.764		footwall
					AZIMUTH: 222°		
					DEPTH: 10.06 m	DATE LOGGED:	October 16, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY:	T. Garrow & C.O.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.0	0.82	Qtz-ser phyll	med. grn	f.g.	weakly	ser	Po		91	- v. uniform, moderately	5% f.g. Po in <1 mm
		(07)	-gy		fotd.					clean qte (0.00-0.39)	str. along foln.
										- minor ser on foln.	
										- gradational contact	
										increased ser towards	
										bottom	
										- tr sec. qtz; wh. transl.	
										qtz lens 0.78-0.80	
										- foln. @ 0.20 = 32° Po	
										- foln. @ 0.40 = 34° Ser	
0.82	1.70	Qtz-chl phyl	lt.& dk.	f.g.	fotd.	chl+minor	Po		100	- qtz/chl 55/45	2% f.g. Po in v. thin str.
		(06)	gy			ser				- wavy foln.	along several folns. &
										- 5% white sec. qtz	around sec. qtz lenses
										- @ 1.64-1.68 sec. qtz	
										+ v. large felds xtals	
										possibly brecciated	
										- foln @ 1.08 = 44° ser	

DRILL HOLE NO 84-16

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-16

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- med. bndd.; 35°-40°	
										- no ser below 1.23 m	
1.70	5.82	Qtz-chl phyl	lt. gy-	f.g.	fotd.	chl	Po,Py,		97	- moderately chloritic	- <1% f.g. Po str. along
		+Chl-Qtz Phyll	dk. grn				ZnS,As			- well foliated	foln.
		+minor Qte					PbS			- chloritic bnds. spaced	- tr Py f.g. diss.
		(06+05)								sporadically through unit	- tr ZnS m.g. red plus
										- 5-10% white sec. qtz	tr c.g. As + tr Po in
										lenses along foln.	sec. qtz vein @ 2.04; 53°
										- 1% thin str. of feld.	- thin ZnS str. & individual
										xtals+qtz along foln.	xtals along several folns.
										- several qte sections:	& tr PbS f.f. @ 4.80-4.98
										2.91-3.05, 3.76-3.99,	an area of tight isoclinal
										5.06-5.10	folding FA$\approx 40^{\circ}$
										- several chl-qtz phyl	- 3.90-3.96 - ZnS strs (red)
										sections: 2.20-2.30,	with PbS; strs x-cut bndg.
										2.59-2.70, 3.59-3.64,	slightly; 55°; isoclinal
										4.00-4.22, 5.10-5.24 m	fold, AP=40°, FA=40°,
										- foln. @ 2.50 = 40° chl S_3	folds bndg., cut by strs.
										- foln. @ 2.90 = 63° qtz+	
										felds, slip?	
5.82	6.40	Qtz-ser phyl	lt. gy -	f.g.	fotd.		Po,As,Py,		100	- minor sericite	5% f.g. Po in thin str.
		(07)	lt. grn				ZnS,PbS			- minor sec. qtz	along foln.
										- 5% m.g. feld xtals	tr dk. brn. f.g. ZnS
										in frags. along &	str. + tr f.g. PbS along

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-16

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										x-cutting foln.	foln. @ 5.90 & @ 6.35
										- poorly foliated, 45°-50°	- tr As, f.-m.g., brecciated
											at 6.27-6.28, 6.39-6.42
											- tr Py, f.-m.g., in foln.
											planes
6.40	10.06	Chl-qtz phyl	med. gy	f.g.	fotd.	chl	Po,As,Py,		100	- mod. well fotd., 38°-50°,	- 2% Po, f.g., thin strs.
		(05)					ZnS,PbS			wavy	throughout section, also
										- med. bndd., bands ~ parallel	along margins of qtz
										to foln.	lenses
										- several qtz-chl phyl/qte	- tr ZnS, f.-m.g., red-brn.
										sections: 6.49-6.58,	strs. ½ m - 1 mm at 7.91,
										6.93-7.09, 8.17-8.20,	7.93, 9.58, 9.93; 5 mm
										8.27-8.45, 8.48-8.54,	band at 7.65; 55°
										8.74-9.00, 9.96-10.06,	- tr As & Py, f.-m.g.,
										- 5% wh. trans. qtz lenses:	brecciated, fragments
										6.60-6.63, 6.67-6.69, 6.73-	≤4 mm, subrounded to
										6.74, 6.76-6.77, 6.85-6.90,	subangular; 7.65, 9.58,
										7.05-7.07, 7.25-7.27, 7.43-	9.90, 9.93; occur as vague
										7.44, 7.67-7.74, 8.07-8.08,	bands
										8.32-8.34, 8.50-8.52, 8.79-	- tr PbS, f.g., ½ mm strs.
										8.82, 9.16-9.18, 9.44-9.55,	at 9.93
										9.58-9.68; up to 1% felds;	
										chl in fractures	
										- folds: 7.51 - round hinge	
										mod. open, straight limbs;	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-16

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										AP=85°, FA=75°; folds bndg.	
										& Po strs	
										9.96 - round hinge one side,	
										sharp the other, straight	
										limbs; AP=65°, FA=55°;	
										folds bndg. & As band	
			- END OF CORE -							- END OF CORE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-17

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 16, 1984	PROJECT: J&L	
	-N-	COLLAR	1.6°	042.5°	DATE COMPLETED: October 16, 1984	N.T.S.: 82M/8E	
					COLLAR ELEV.: 839.352	LOCATION: 830M drift	
					NORTHING: 9,902.742		749.64E section
					EASTING: 10,749.427		hanging wall
					AZIMUTH: 042°		
					DEPTH: 10.06 m	DATE LOGGED: October 16, 1984	
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow & R. Pegg	

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
0.0	0.50	Core Lost							0		
0.50	0.80	Ser-Qtz Phyl	lt. gy -	f.g.	fotd.		Po,Py,		83	- core v. fissile & broken	- 1% Po smeared on foln.
		(04)	lt. grn				As,Cpy			(poor recovery)	& in sec. qtz
										- minor sec. qtz	- 2% m.g. Py in several
										- 2 cm white sec. qtz	bnds. @ end of unit
										@ bottom contact	- tr Cpy f.f. in sec. qtz
										- v. small f.f. of cpy & Po	at end of unit
										at right angles to M.S.,	- tr As f.g.-m.g.)
										contact below	
										- note top of sec. qtz	
										ground core, therefore	
										exact thickness unknown	
										- foln.=40°	
0.80	0.95	M.S.			milled		Po,As,		100	- massive Po with subangular	- 80% f.g. Po
		(12)					ZnS,PbS,			frags. of c.g. red ZnS <3 cm	- tr As - several 1 mm
							Py			along vague foln.	subround As xtals in Po
										- thin scattered 2-5 mm gy qtz	5% ZnS; 1% PbS (v.f.g.)
										frags. along vague foln.	
										- milled texture	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-17

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- <1% m.g. feld & tr sec. qtz	- 1% subround Py xtals
										along foln.	diss.
										- bottom contact cuts across	- tr Cpy, Po As, in f.f.
										foln.; irreg.	with sec. qtz @ bottom
										- minor sulphide f.f.	contact
										@ lower contact	
0.95	1.36	Qte	lt. gy	f.g.	fotd.	ser	As,Cpy,		98	- minor sericite bnds.	- tr Cpy str along foln.
		(06)					PbS,Po,			- 20% sec. qtz lenses	with As @ 1.01
							Py			poorly fotd., 45°	- 2% f.g. As str. along
										- abn. fracturing, core	foln.
										broken,	- 2% m.g. As f.f. in sec.
										- As along foln.& m.g.	qtz
										As in sec. qtz with	- tr PbS with the Cpy sulphs.
										minor feld xtals	are brecc.
										- minor m.g. As xtals	- tr Po f.f.
										@ bottom contact diss.	- tr Py (f.g.) blebs
										along foln.	
										- minor calc. f.f.	
1.36	1.83	M.S.					As,Po,		100	- massive sulph. & transl.	- 80% c.g. & f.g. As 1.36-
		(12)					Py,Cpy,			gy qtz bnd.	1.47
							ZnS			- f/w sulph. contact parallel	- tr Cpy f.f. in qtz & As
										sericite foliation; 38°	- tr Po f.f. @ bottom of
										- minor white sec. qtz	massive As; Pomatrix 1.47-
										- massive As 1.36-1.47	1.83

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-17

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- massive Po 1.47-1.80	- 2% red c.g. ZnS in one
										- massive As 1.80-1.83	10 mm str. cross cutting
										- milled texture	vague foln. of qtz @ 1.54
										- 1% white subround sec.	in massive Po section
										qtz & stretched gy qtz	- 1% v.c.g. Py xtals, sub-
											round diss. in massive Po
											- 10% f.g. As in 2 cm &
											irreg. shapes in massive Po
											* Overall Po 45%, As 35%,
											Py 7%, ZnS 1%
											- 5% v.f.g. Py diss. in
											massive Po section
										- minor qtz-ser phyl	
										1.76-1.78, (frag?)	
										- massive As section	
										1.80-1.83 is v.	
										fractured & crosscuts	
										foln?	
1.83	2.49	Qtz-Ser Phyll	lt. gy	f.g.	fotd.		Po,Py		92	- minor sericite	- 2% f.g. Po str along
		(07)								- minor sec. qtz @ 1.88	foln. & smeared on foln.
										- foln. @ 2.30 = 63°, 2.10 =	1-2% f.g.-m.g. Py diss.
										60° ser & Po	along foln.
										- tr chlorite smeared on foln.	
										broken core 2.37-2.49 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-17

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
2.49	10.06	Chl-Ser Qtz	lt. grn	f.g.	fotd.		Po, Py,		100	- v. uniform, moderately	- 1% Po in v. thin str.
		Phyll					As			chloritic	along foln., & smeared on
		(05)								- well foliated	foln.
										- straight foln.	1% f.g.-m.g. Py diss.
										- v. minor calc. f.f.	along foln. & in blebs
										- <5% white sec. qtz	tr. f.g. As
										(largest at 6.81-6.87 m)	
										- minor 1 mm feld? veins +	
										qtz @ 65°	
										- foln. @ 4.57 = 57° S_3	
										- foln. @ 6.10 = 53° S_3	
										- foln. @ 7.32 = 55° S_3	
										- foln. @ 8.80 = 42° S_3	
										* - Gouge along foln. planes	
										6.46-6.52	
										abun. chevron folding @	
										7.47 @ 7.74 @ 9.00 @ 9.30	
										AP=77°, FA=85° (7.47)	
										folds bndg.	
										- minor Qtz-Chl Phyll bnds. at	
										2.98-3.30 m, 5.12-5.15 m, 5.44-	
										5.55 m	
										- gy coloured phyll (possibly	
										more Fe-rich chl) at 5.78-6.81 m	
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47228	0.50	0.80	0.30		83	0.05	2% Py, 1% Po, tr As	0.35	0.16	0.313	21.3	0.7		
47229	0.80	0.95	0.15		100		80% Po, 5% ZnS, 1% PbS, + Py, tr As & Cpy	1.93	7.56	2.420	60.7	3.0		
47230	0.95	1.36	0.41		98	0.01	4% As, tr PbS,Po,Py	0.10	0.18	4.840	6.4	1.9		
47231	1.36	1.83	0.47		100		45% Po, 35% As, 7% Py, 1% ZnS	1.10	4.92	9.930	35.7	8.2		
47232	1.83	2.49	0.66		92	0.05	2% Po, 1-2% Py	0.03	0.04	0.114	2.3	0.5		

DRILL HOLE NO. 84-17

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-18

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 16, 1984	PROJECT: J&L
		COLLAR	+ 0.6°	044.1°	DATE COMPLETED: October 16, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 839.020	LOCATION: 830M drift
					NORTHING: 9,912.719	10,718.44E Section
					EASTING: 10,718.235	hanging wall
					AZIMUTH: 042°	
					DEPTH: 9.75 m	DATE LOGGED: October 19, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										core ground @ 0.34 = 33 cm	
0.00	3.59	Ser-Qtz Phyll	lt. gy-	f.g.	fotd.		As,Py,		85	- Ser/Qtz - 50/50	- 10% As m.g. milled?
		(04)	lt. grn		folded		ZnS,Po			- foln. is extremely	over the whole unit
										contorted into small	(40% As 0.0-0.34)
										ptygmatic folds	- 2% f.g. Py diss. along
										- 0.0-0.67 almost M.S.	foln.
										40-45% sulphs. in	- tr Po along foln.
										Ser-Qtz Phyll	- tr red f.g. ZnS
										- 3.51-3.60 sec. white qtz	f.f. x-cutting & along
										+ v.c.g. feld xtals	foln. 0.80-0.93
										- chevron folds 0.80-0.93:	
										AP=90°, FA=90°, folds	
										ser. bands; ZnS x-cuts	
										bndg. in places	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-18

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
3.59	3.82	M.S.			milled		As, Py,		100	- top contact below c.g. qtz	- tr PbS in FF in sec. qtz
		(12)					ZnS,			+ feldspar xtals, still	@ top contact
							PbS, Po			some qtz+felds x-cutting	- tr f.g. Po @ 3.68
										into unit @ top	- 40% f.g. As matrix with
										- 10% sec. qtz top & bottom	minor c.g. As @ 3.76
										of unit	- 40% f.g. & c.g. Py
										- v. milled texture abn.	diss. throughout with
										round Py	abn. round milled xtals
										- coarser grained & less	- 10% red f.g. ZnS in sec.
										milled - vaguely bndd.	qtz & F.F. slightly x-
										towards bottom	cutting foln.
										- h/w contact slightly irreg.;	
										$\sim 50^{o}$	
3.82	4.19	Ser-Qtz Phyll	lt. gy-	f.g.	fotd.		Po, ZnS,		100	- Ser/Qtz - 50/50	- tr Po f.g. diss. along
		(04)	lt. grn				As			- wavy foln.	foln.
										- minor sec. qtz	- tr red ZnS f.g. str. in
										- minor c.g. feldspar xtals	sec. qtz along foln.
										along foln.	- 1% c.g. As mostly in 1 cm
										- foln. @ 4.00 = 54^{o}	bnd. @ 4.13 with sec. qtz;
											65^{o}
4.19	6.38	Chl-Ser-Qtz	dk. grn	f.g.	fotd.		Py, Po		97	- v. chloritic	- tr Py c.g. diss. along
		Phyll	-lt. gy							- minor sec. qtz lenses	foln.
		(05)								- v. uniform unit	- tr Po in a few thin str.
										- foln. @ 5.22 = 55^{o}	@ 6.20

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-18

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
6.38	7.35	Qtz-Chl-Ser	lt. gy	f.g.	fotd.		Po,Py		100	- minor sericite	- 1% f.g. Po in thin str.
		Phyll	med. grn		folded					- moderate amount of chlroite	along foln.
		(06)								- long gentle open fold	- tr Py diss. along foln.
										in core	
										- minor sec. qtz	
										- bottom contact x-cutting	
										sec. qtz + v.c.g. feld xtals	
										- foln. @ 6.58 = 45°	
										- foln. @ 6.98 = 0°	
7.35	8.11	Chl-Ser-Qtz	lt. gy -	f.g.	fotd.		Po		93	- moderately siliceous	- tr Po in str. along foln.
		Phyll	dk. grn		folded					much like unit above	
		(05)								but more chloritic	
										- open fold?	
										- minor sec. qtz & c.o. feld	
										@ top contact	
										- foln. @ 7.90 = 30°	
										- wavy bndg. @ 8.00: AP=60°,	
										FA≈90°	
8.11	9.21	Chl-Ser-Qtz	lt. gy -	f.g.	fotd.				100	- locally quite chloritic	- <1% c.g. Py diss. along
		Phyll	lt. grn							- v. wavy foln.	foln.
		(05)								- abn. sec. qtz 8.82-9.06	- 1% f.g. Po in siliceous
										also abn. chl & v. folded	bnds. along foln.
										- foln. @ 8.87 = 42°	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-18

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
9.21	9.75	Qte	lt. gy	f.g.	weakly		Po		100	- dirty qte	- tr Po in thin str.
		(06)			fotd.					- sericite along foln.	along several folns.
										- foln. @ 9.60 = 49°	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47273	0.00	0.67	0.67		51	0.33	40% As	0.74	0.28	12.700	19.1	6.2		
47274	0.67	0.93	0.26		100	0	5% ZnS, 2% Py	0.05	0.92	0.106	5.8	0.4		
47275	0.93	1.93	1.00		100	0	2% Py	0.03	0.03	0.713	7.3	0.3		
47276	1.93	2.93	1.00		90	0.10	2% Py	0.01	0.01	0.452	5.3	0.2		
47277	2.93	3.59	0.66		92	0.05	5% Py	0.06	0.43	0.499	7.0	0.5		
47278	3.59	3.82	0.23		100	0	40% As, 40% Py, 10% ZnS, tr Po, tr PbS	7.23	9.93	6.380	213.6	20.2		
47279	3.82	4.19	0.37		100	0	1% As, tr Po, tr ZnS	0.23	0.52	1.160	10.6	1.7		
47280	4.19	4.82	0.63		100	0	tr Py, tr Po	0.02	0.04	0.154	3.0	0.4		

DRILL HOLE NO. 84-18

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-19

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 16, 1984	PROJECT: J&L
		COLLAR	- 0.3°	222.7°	DATE COMPLETED: October 16, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.850	LOCATION: 830M drift
					NORTHING: 9,923.643	
					EASTING: 10,694.394	
					AZIMUTH: 222°	
					DEPTH: 10.06 m	DATE LOGGED: October 17, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg & C.O

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.43	Ser-Qtz Phyll	lt. grn	f.g.	fotd.	ser.	Po,Py		89	- foln. wavy, 30°-80°	2% Po f.f. & along foln.
		(04)	-gy		shrd.					- at 0.04-0.05 qtz+feld vein	1% Py (f.g.)
										narrow ser. bnds. (to 3 mm)	
										- fold: 0.22 m - cren.,	
										AP=28° (opp. foln.)	
										FA=40°, folds bndg. & Po	
										strs.	
0.43	0.58	Lst.	lt. gy	m.g.	shrd.		ZnS, Py,		100	- med. bndd., bndg. ~30°	5% ZnS (red to lt. brn.)
		(03)					PbS, As			at 0.42-0.49	3-5% PbS (f.g.-v.f.g.)
										- bndg. truncated by M.S.	5% Py (f.g.) blebs
										below; several sulp. filled	1-2% As (f.g.) blebs
										fractures at contact, off-	- visible sulphs. appear
										set bndg. up to 5 mm	rounded to sub-angular;
											≤2 mm
											- sulphs. concen. at 0.35-
											0.39 m

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-19

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
0.58	0.83	M.S.			shrd.	ser.	Py, ZnS,		100	- qtz & ser. grdmass.	20% Py (f.g.-m.g.)
		(12)					As, PbS,			- fold at 0.70 - rounded	20% ZnS (red to lt. brn.)
							Cpy, Po			hinge, wavy limbs,	5% As (f.g.-m.g.)
										AP=70°, FA≈55°, folds	5-7% PbS (v.f.g.)
										bndg. & ZnS strs.	- sulphs. rounded to angular
										- med. bndd., ~50°	& brecc.
											tr Cpy
											tr Po, f.g., along h/w
											contact
											- sulp. bndg: 0.49-0.53,
											Py rich; 0.53-0.58, ZnS,
											As; 0.58-0.60, Py, As;
											0.60-0.66, Py; 0.66-0.68,
											Py, As, ZnS; 0.68-0.72, Py
0.83	1.43	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.,	ser.	ZnS, Py,		58	minor open fracts, off-	5% Py (f.g.-m.g.)
		(07)	gy		shrd.		As, Po			set sulp.	2% ZnS (red to lt. brn.)
					& fract.					bndg. up to 2 mm	patches & strs.
										- v. thin ser. bnds.	3-5% As (f.g.-v.f.g.)
										- bndg. wavy, 30°-50°	mostly concen. in bnds.
										- grd. core at 1.00-1.29 m,	in h/w
										1.39-1.60 m	< 1% Po f.f.
											- Py & As brecciated, frag-
											ments ≤3 mm, sub-angular
											to rounded

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-19

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
1.43	3.68	M.S.	red-brn.,	f.-m.g.	milled		ZnS, Py,		100	- lst. frags. & qtz gangue	15% ZnS (red to lt. brn.)
		(12)	brass &				As, PbS			- mostly white & dk. qtz	20% As (f.g.-c.g.)
			silver								35% Py (f.g.-c.g.)
											2-3% PbS (v.f.g.)
											- a few coarse aggregates
											of Py (up to 2 cm across)
										- grd. core at 1.60-	- incr. in Py & decr. in
										1.85 m (minor), 2.22-	As at f/w
										2.30 m, 2.44-2.55 m	- sulphs. (As & Py) mostly
											rounded to subrounded &
											brecc.
											- Py rich section 2.03-2.17,
											ZnS rich section ~2.60-
											2.67
3.68	4.24	Lst.	gy	m.g.	fract.		ZnS, Py		100	whole unit is broken core	<1% ZnS (red to brwn.) strs.
		(02)								- med. bndd., ~60°	tr Py (f.g.) blebs
4.24	10.06	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.	ser.	Po, Py,		100	- numerous qtz (±feld)	- 2% Po, f.g., f.f. & strs.
		(07)	gy		shrd.		As, ZnS,			lenses & veins	along foln.
							Cpy			- mod. well fotd., 45°-55°,	- <1% Py, f.-m.g., brecc.,
										wavy	fragments ≤2 mm, sub-
										- med. bndd., parallel to	angular to rounded; in
										foln.	vague bands
										- folds: 4.53 - chevron,	- tr As, f.-m.g., brecc.,
										AP=90°, FA≈60°, folds	with Py

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-19

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										bndg. & Po/Py strs.	- tr ZnS, f.g., red-brn.,
										5.41 - chevron, f/w limbs	a few thin strs.
										long, AP=90°, FA=85°,	- tr Cpy, f.g., a few grains
										folds bndg. & Po strs.	(4.27-4.38)
										5.87 - round hinge wavy	
										limbs, mod. open AP=90°,	
										FA=90°, folds bndg. & Po	
										6.79-6.89 - chevron, AP=70°,	
										FA=70°, fold bndg.	
										8.21 - wavy bndg., AP=60°	
										(opp. to foln.) FA=70°	
										8.84 - round & sharp hinges,	
										wavy limbs; AP=75°, FA=70°;	
										folds bndg. & Py/Po strs.	
										- broken core 5.03-5.06, 5.36-	
										5.39	
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47252	0.00	0.43	0.43		74	0.11	2% Po, 1% Py	0.02	0.02	0.098	4.0	0.1		
47253	0.43	0.58	0.15		100		5% ZnS, 3-5% PbS, 5% Py, 1-2% As	1.75	1.62	7.620	69.6	7.2		
47254	0.58	0.83	0.25		100		20% Py, 20% ZnS, 5% As, 5-7% PbS	2.40	5.54	8.680	79.2	14.7		
47255	0.83	1.43	0.60		80	0.12	5% Py, 3-5% As, 2% ZnS, <1% Po	0.57	1.43	3.330	23.5	2.5		
47256	1.43	2.18	0.75		72	0.21	15% ZnS, 25% As, 30% Py	2.17	4.43	7.750	72.2	10.8		
47257	2.18	2.93	0.75		87	0.10	20% ZnS, 20% As, 35% Py	7.17	18.60	9.290	161.7	17.2		
47258	2.93	3.68	0.75		100		10% ZnS, 15% As, 35% Py	3.14	13.70	7.880	69.5	13.5		
47259	3.68	4.24	0.56		100		<1% ZnS, tr Py	0.21	0.89	0.367	5.5	0.7		
47260	4.24	5.24	1.00		91	0.09	2% Po, <1% Py, tr As, ZnS, Cpy	0.04	0.10	0.118	4.4	0.4		

DRILL HOLE NO. 84-19

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-20

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 16, 1984	PROJECT: J&L
		COLLAR	- 0.3°	043.7°	DATE COMPLETED: October 16, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.856	LOCATION: 830M drift
					NORTHING: 9,926.490	
					EASTING: 10,694.106	hanging wall
					AZIMUTH: 042°	
					DEPTH: 10.06 m	DATE LOGGED: October 16, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow & C.O.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.0	1.08	Qte	lt. gy	f.g.	weakly	ser+chl	Py		92	- clean qte	- tr m.g. Py diss. along
		(06)			fotd.					- minor ser. on foln.	foln.
										- trace chlorite on foln.	
										- increase chlorite towards	
										bottom contact	
										- gradational contact	
										- foln. @ 0.73 = 53° S_2	
										- med. banded, bands parallel	
										to foln.	
										- broken core 0.00-0.59	
1.08	6.16	Chl-Ser-Qtz	med. grn	f.g.	fotd.	chl+ser.	Py, Po		100	- v. chloritic	- tr m.g. Py diss. along
		Phyll								- wavy bndg., ~parallel to	foln.
		(05)								foln.	- tr Po smeared on foln.
										- mottled appearance	planes
										- 10% white sec. qtz lenses	
										some appear to be fold noses	
										- abn. small qtz lenses 1.20-3.50	

DRILL HOLE NO. 84-20

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-20

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- mod. well fotd., 37^{o}-53^{o}	
										- broken core 1.14-1.29,	
										1.44-1.56	
6.16	6.79	Qte	lt. gy	f.g.	mass.	minor			100	- v. clean qte	
		(06)				ser+chl				- tr ser & chl on foln.	
										- tr sec. white qtz & tr	
										feld xtals @ 6.20	
										- moderately sharp contacts	
6.79	7.77	Chl-Ser-Qtz	lt.-	f.g.	fotd.	chl+ser	Po,Py,As		100	- v. chloritic	
		Phyll	med. grn							- uniform mottled appearance	- tr Po in thin str. along
		(05)								- v. thin qtz f.f. @ 7.60 @	foln. & smeared on foln.
										90^{o} to S_3	- tr m.g. Py diss. along
										- foln. @ 7.01 = 48^{o} S_3, chl	foln.
										- foln. @ 7.60 = 42^{o} S_3, chl	- tr As, m.g., several sub-
										- med. bndd., 7.51-7.77;	angular grains at 7.41 m
										47^{o}-50^{o}	
										- thin (½-2 mm) bands lt. gy	
										transl. qtz with $\leq$50% felds	
										fairly common; 40^{o}-50^{o};	
										steeper than bndg.; one	
										6 mm thick band at 7.66	
										- minor feld xtals along foln.	
										- gradational contact with	
										increased qtz towards bottom (7.51-7.77)	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-20

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
7.77	8.00	Qte	lt. gy	f.g.	mass.	minor	PbS		100	- v. clean qte	- tr PbS, f.g., a few
		(06)				chl+ser				- tr ser. & tr chl on foln.	grains in felds/qtz bands
										- faint foln., ~50°	
										- minor discont. felds/qtz	
										bands, <70% felds; 60°-70°	
8.00	10.06	Chl-Ser-Qtz	lt. gy-	f.g.	fotd.	chl+minor	Po,Py,As,		100	- 15% white sec. qtz	- tr Po, f.g., thin strs.
		Phyll	lt. grn			ser	PbS			lenses, many appear	along foln.
		(05)								slightly folded	- tr Py, f.-m.g., diss.
										- moderately chloritic	along foln.
										- tr feld xtals in sec. qtz	- tr As, f.g., in fractures
										- several more silicic	in qtz lenses & near
										sections: 8.00-8.19, 8.53-	margins
										8.59	- tr PbS, f.g., a few grains
										- folds: 8.29 isoclinal,	along margins of qtz
										rounded hinge, straight	lenses & in fractures
										limbs, AP=60°, FA=70°;	- Po & Py also along margins
										h/w limb sheared off	of qtz lenses & in frac-
										along foln.	tures
										- chl concen. along margins	
										of qtz lenses	
										- broken core: 8.58-8.62	
										- foln. ~50°	
		- END OF HOLE -								- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-21

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 17, 1984	PROJECT: J&L
		COLLAR	- 1.1°	223.5°	DATE COMPLETED: October 17, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.763	LOCATION: 830M drift
					NORTHING: 9,926.334	
					EASTING: 10,671.630	
					AZIMUTH: 222°	
HOLE TYPE J.V.					DEPTH: 9.75 m	DATE LOGGED: October 17, 1984
					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.17	Qtz-Ser Phyll	lt. grn-	f.g.	shrd.		ZnS, Py		100	minor qtz (±feld) lenses	3% ZnS (red to lt. brn.)
		(07)	gy				As, Cpy			ser-rich patches	strs.
										minor calc. f.f.	3-5% As (f.g.) blebs
											10% Py (f.g.-m.g.)
											euhedral to subhedral
											- As concen. at h/w
											- sulphs. rounded to angular
											tr diss. Cpy (f.g.)
0.17	0.97	M.S.		f.g.-m.g.	shrd.		Py, As,		100	incr. lst. matrix	25% Py (f.g.-c.g.)
		(12)					ZnS, PbS			towards f/w	40% As (f.g.-m.g.)
										- gy sil. matrix but	3-5% ZnS (red to honey)
										highly calc.	1% PbS (v.f.g.)
											- ZnS concen. in first 34 cm
											- sulphs. rounded to angular
											& brecc.
											- Py concen. at 0.67-0.91 m
											- bnd. of ZnS-As-Py at h/w
										irreg. f/w contact	contact, 60°

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-21

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
0.97	1.30	Lst.	gy	m.g.	shrd.		ZnS, Py,		100	wh. qtz vein at 1.18 m	3% As (f.g.-m.g.)
		(02)			bndd.		As,			qtz-cal. vein at 1.10-1.13 m	1% Py (f.g.)
							Meneg.			bnd. at 56°	1% ZnS (lt. brn. to honey)
										gentle open folds	tr Meneg.
										above As bnd.	As concen. at 1.08-1.10 m
1.30	1.54	Lst. (sil.)	gy	f.g.	shrd.	sil.	ZnS, Py,		100	dk. grey & sil. matrix	5% ZnS (red-brn. to lt.
		(02)					As, Cpy,			minor qtz lenses	brn.) strs.
							PbS			- less calc. to f/w	5% Py (f.g.-m.g.) blebs;
											>1% PbS (f.g.)
											1% As (f.g.) blebs; tr
											diss. Cpy
											- sulphs. concen. at 1.43-
											1.54
											- sulph. bnd at h/w contact,
											60°
1.54	1.71	M.S.	gy		shrd.		Py, As,		100	qtz & ser. gangue	50% Py (f.g.-m.g.) rounded
		(12)					ZnS			qtz mostly gy &	to subrounded & brecc.
										translucent	1% As (f.g.) at 1.63 m &
										abundant calc. f.f.	1.65 m
										f/w contact at 70°;	tr ZnS (lt. brn.) diss.
										h/w contact 60°	
1.71	2.60	Qtz-Ser Phyll	lt. grn-	f.g.	shrd.		Py, As,		100	minor wh. qtz veins &	7% Py (f.g.-m.g.) blebs
		(07)	gy		fotd.		ZnS, Po,			lenses	& diss.
							Cpy			minor gy qtz (±feld)	>1% As (f.g.-m.g.) blebs

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-21

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										veins & lenses	tr ZnS (red to lt. brn.)
										foln. (contorted) 35^{o}-70^{o}	strs.
										minor calc. f.f.	- As & ZnS & Cpy concen. at
											2.55-2.60 m sulphs.
											mostly rounded to sub-
											rounded espec. to f/w;
											sulphs. brecc.
											<1% diss. Po f.f.; tr diss.
											Cpy
2.60	4.12	Lst.	lt. gy	m.g.	shrd.		ZnS, Py,		100	abund. calcite	tr ZnS (lt. brn.) strs. &
		(02+sweatouts)			fract.		As			veins & lenses (20%)	diss.
										abund. fine carbon.	1% Py (f.g.-m.g.) blebs
										f.f. & patches	tr As (f.g.-m.g.) blebs
										- at 3.24 folding (A.P.≈005^{o})	- As & ZnS concen. at 2.60-
										open fracts. at 3.17 m &	2.71 m
										3.78 m; abundant calcite	
										tension gashes	
										- broken core at 3.84-3.89 m	
										bndd.	
										- unit is well folded but tension gashes highly disruptive	
4.12	5.38	Lst.	dk. gy	m.g.	fract.		Py, ZnS,		100	minor calcite (±qtz)	1% Py (f.g.-m.g.) blebs
		(02)	to bk				As			veins & sweatouts	tr ZnS (red-brn. to lt.
										minor carbon f.f.	brn.) diss.
										abundant disrupted	tr f.g. As at 4.35 m
										isoclinal folding	ZnS at 4.73 m

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-21

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										(A.P. at $\approx 85^{\circ}$)	
										broken core at 4.09-4.27 m,	
										4.27-4.30 m, 4.66-4.72 m &	
										at 5.38 m	
5.38	5.99	Ser-Chl-Qtz	lt. grn-	f.g.	fotd.		Po, Py,		82	foln. 55°	2% Po f.f.
		Phyll	gy		shrd.		As			slips at 5.81 & 5.87 m	tr Py (f.g.) & blebs
		(04)								minor calc. f.f.	tr As (f.g.) f.f. & blebs
5.99	9.75	Chl-Ser-Qtz	grn	f.g.	fotd.		Po, Py,		100	foln. 55° (irreg.)	2-3% Po f.f. & along foln.
		Phyll			shrd.		As				1% Py (f.g.-m.g.)
		(05)								grd. core at 8.23 m	tr As (f.g.-m.g.) concen.
										abundant qtz ($\pm$feld)	7.55 m with qtz-feld vein
										lenses and veins	& at 8.79 m, 9.01 m
										(largest at 7.42-7.46 m,	
										7.52-7.55 m)	
										v. minor calc. f.f.	
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47246	0.00	0.17	0.17		100		3% ZnS, 3-5% As, 10% Py	0.33	0.10	3.670	10.7	1.6		
47247	0.17	0.97	0.80		100		25% Py, 40% As, 3-5% ZnS, 1% PbS	0.71	1.59	11.900	25.1	7.8		
47248	0.97	1.30	0.33		100		3% As, 1% Py & ZnS, tr Meneg.	0.48	0.31	4.360	14.4	8.2		
47249	1.30	1.54	0.24		100		5% ZnS & Py, 1% As	1.20	1.64	2.580	24.2	3.2		
47250	1.54	1.71	0.17		100		50% Py, 1% As, tr ZnS	0.77	0.55	3.530	24.5	3.6		
47251	1.71	2.60	0.89		100		7% Py, >1% As, tr ZnS, <1% Po	0.36	0.63	2.450	9.0	3.4		

DRILL HOLE NO. 84-21

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-22

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 17, 1984	PROJECT: J&L
		COLLAR	+ 0.3°	043.4°	DATE COMPLETED: October 17, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.794	LOCATION: 830M drift
					NORTHING: 9,929.151	
					EASTING: 10,671.356	
					AZIMUTH: 042°	
					DEPTH: 9.14 m	DATE LOGGED: October 17, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.67	M.S.			shrd.		As, Py,		94	lst. frags. & lenses 15%	10% Py (f.g.-m.g.)
		(12)					ZnS,Po,			ser. frags. & lenses 30%	euhedral to subhedral
							PbS,Cpy			minor wh. qtz lenses	30% As (f.g.-v.f.g.)
										ser. bnds. at 90°	euhedral to subhedral
										at h/w	10% ZnS (red to lt. brn.);
										- calc. f.f.	tr PbS & Cpy (v.f.g.)
										- folds 0.47-0.55: rounded	- sulphs. at low angle to
										hinges, AP=85°, FA=65°,	c.a.
										sheared	- sulphs. rounded to angular
											& brecc.
											tr Po blebs & f.f.
0.67	1.16	Ser-Qtz Phyll	lt. grn-	f.g.	fotd.		Py, ZnS,		100	minor qtz lenses &	- tr ZnS (red to brn.) with
		(04)	gy		shrd.		Cpy,Po,			veins at 0.93 m, 1.08 m	qtz
							PbS			(up to 6 mm wide)	5% Py (f.g.-m.g.) blebs
										foln. 65°	1% Po f.f. & blebs
										minor calc. f.f.	> tr Cpy (in qtz veins)
											tr PbS (in qtz veins)

DRILL HOLE NO 84-22

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-22

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
1.16	1.38	M.S.			milled		As, Py,		100	white qtz lenses (5-7%)	20% ZnS (red to honey)
		(12)					ZnS,Cpy			which are irreg.	40% As (f.g.-m.g.)
										minor calc. f.f.	10% Py (f.g.);
										- f.g. to > f.g. sulph. matrix	1-2% PbS (v.f.g.)
											< 1% Cpy (f.g.) diss.
										- f/w contact 60°	- decr. in grain size to h/w
										well milled 1.33-1.40 m	- sulphs. mostly rounded
										- bndg. 60°	to subrounded & brecc.
											- a few ZnS-PbS rich narrow
											bnds. (espec. 1.33-1.40 m)
1.38	1.71	Qtz-Ser Phyll	lt. grn-gy	f.g.	shrd.		Po, Py,		91	minor qtz veins &	3-5% Po f.f. & along foln.
		(07)			fotd.		PbS,As			lenses	1-2% Py (f.g.-m.g.) blebs
										grd. f/w contact	tr PbS (in qtz lenses)
										foln. 50°	< 1% As (f.g.)
										grad. h/w contact	
										minor calc. f.f.	
1.71	2.46	Chl-Ser-Qtz	lt. gy-grn	f.g.	fotd.		Po,Py,		100	foln. 45°	3-5% Po f.f. & along
		Phyll			shrd.		As,Cpy			slips at 1.90 m & 2.15 m	foln.
		(05)								slight grd. core at 1.96 m	1% Py (f.g.) blebs
										broken core at 2.22-2.29 m	tr As (f.g.) blebs
										wh. qtz veins & lenses at	tr Cpy (v.f.g.) diss.
										1.80 m, 2.32 m, 2.35 m,	
										2.40 m	
										- minor ser.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-22

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
2.46	3.16	Qte	dirty wh.	f.g.	fotd.		Po,Py		100	minor ser. along foln.	2-3% Po f.f. & along foln.
		(06)								foln. 45°-55°	2% Py (f.g.-m.g.) mostly
										minor qtz veins	in narrow bnds./strs.
										minor slips at 2.93 m, 3.01 m	along foln. (euhedral to
										minor chl along some folns.	subhedral)
										(incr. towards h/w)	
										grad. h/w contact	
3.16	9.14	Chl-Ser-Qtz to	grn.	f.g.	fotd.		Po, Py,		98	foln. 42°-47° (slips)	
		Qtz-Chl Phyll					As,ZnS,			minor Qte bnds. at 3.94-	
		(05 - 06)					PbS			4.04 m, 4.20-4.24 m, 8.03-	
										8.07 m	
										number of qtz (±feld)	
										lenses & veins at 3.39-3.44 m,	
										3.74-3.77 m, 4.86 m, 4.91 m,	
										6.20-6.23 m, 7.65 m, 8.03 m	
										- a few more chl-rich, irreg.,	
										narrow sections	
										* at 8.07-9.14 phyll appears somewhat porph. with white 3-5%	
										f.g. subrounded to angular grains (corroded feld?)	
										(decr. towards end of hole; prominent at 8.07-8.23 m)	
										- broken core 8.70-8.96 m	
										- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47268	0.00	0.67	0.67		94	0.04	30% As, 10% Py + ZnS, tr PbS + Cpy	0.74	1.63	6.780	27.8	9.9		
47269	0.67	1.16	0.49		100		5% Py, 1% Po, tr Cpy, ZnS & PbS	0.08	0.09	0.136	8.6	0.3		
47270	1.16	1.38	0.22		100		40% As, 20% ZnS, 10% Py, <1% Cpy	8.85	9.20	13.200	269.2	19.5		
47271	1.38	1.71	0.33		91	0.03	3-5% Po, 1-2% Py, <1% As, tr PbS	0.30	0.30	0.475	11.5	0.8		
47272	1.71	2.46	0.75		100		3-5% Po, 1% Py, tr As, Cpy	0.06	0.06	0.106	4.0	0.1		

DRILL HOLE NO. 84-22

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-23

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 17, 1984	PROJECT: J&L
		COLLAR	+ 0.2°	222.3°	DATE COMPLETED: October 17, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.675	LOCATION: 830M drift
					NORTHING: 9,935.580	
					EASTING: 10,637.788	footwall
					AZIMUTH: 222°	
					DEPTH: 13.11 m	DATE LOGGED: October 17, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.0	1.52	Lst.	lt. gy	f.g.	fotd.		ZnS, As,		70	- moderately dirty lst.	- tr honey ZnS in str.
		(03)					Py			- poorly fotd.	@ 0.98
										- minor argl. material	- tr f.g. As in 5 mm bnd.
										increasing towards	with qtz & lst. @ 1.28
										bottom	- tr Py (f.g.-m.g.) blebs
										- locally abn. subround	
										dk. gy qtz frags. along	
										foln. example @ 1.28	
										- foln. @ 1.36 = 39°	
										- core ground @ 1.06 = 50 cm	
1.52	1.98	M.S.					Py, As,		100	- h/w contact conformable	- 50% c.g. & f.g. Py with a
		(12)					ZnS			@ 43°	minor number of rounded
										- top 10 cm mod. calcareous	milled Py xtals top 10 cm
										- milled texture top 10 cm	- 35% f.g. & c.g. As diss.
											top 10 cm f.g. As, remainde
											c.g. As
										- f/w contact conformable @ 46°	- 10% f.g. red ZnS from 1.62-

DRILL HOLE NO. 84-23

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-23

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- 1.52-1.62 5% Lst.	-1.98 as v. thin str.
										- 1.62-1.98 5% qtz(lt. gy	or f.f. shot throughout
										interstitial)	
1.98	10.33	Lst.	lt. gy	m.g.	fotd.		ZnS,As,		100	- gy bndd. uniform Lst.	- <1% red & yellow f.g. ZnS,
		(03)					Py			- sheared isoclinal folds	small str @ 2.04 & several
										3.60-5.20, AP=65°, FA=60°	c.g. Py xtals
										- pure white c.g. calc. 5.70-	- <1% c.g. As xtals diss.
										5.85 with yellow ZnS str.	along foln. @ 3.06-3.35 m
										@ bottom	@ 6.28-6.80 m
										- 10% thin bnds. argl.	- tr c.g. Py same as As
										Lst.(vaguely like styolites)	- yellow ZnS str @ 5.85 m.
										- sporadic thin limy bnds.	
										with As & Py xtals &	
										subround dk. gy qtz frags.	
										- 5% white sec. calc. along	
										foln. & x-cutting	
										- foln. @ 7.95 = 53°	v. barren of sulphides
										- x-cutting gash veins	after 6.80 m
										of calc. @ 7.80 = 40°	
										to core @ 90° to foln.	
										- gradually increasing	
										argl. material towards	
										bottom	
										- small S fold @ 7.95	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-23

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- foln. @ 8.53 = 42°	
										- more abn. x-cutting calc.	
										f.f. 7.70-8.30 & 9.70-	
										10.06 m.	
10.33	11.39	Argl-Gr-Lst	bk	f.g.	fotd.		Py,ZnS,		100	- v. argillaceous Lst.	- 5% c.g. Py in fracture
		(02)					As			- tr graphite	Zone 10.33-10.48
										- foln. v. contorted	& tr Py along foln. 11.37-
										- 5% white sec. calc. along	11.48
										foln.	- <1% red f.g. ZnS @ 10.33-
										- 2% gy sec. qtz towards	10.48 & 11.37-11.48
										bottom of unit	- <1% f.g. As 11.37-11.48
										- whole unit v. calcareous	
										* gouge 10.48-10.60 abn. calc.	
11.39	13.11	Chl-Ser-Qtz	dk. grn	f.g.	fotd.		Py,As,		100	- qtz-ser phyll + minor bk.	- 3% c.g. Py diss. along
		Phyll					ZnS			argillaceous material	foln.
		(05)								- non calcareous	- 2% .c.g. & f.g. As diss.
										- v. lensy foln. - with abn.	along foln.
										stretched gy qtz lenses	- tr red ZnS in thin str.
										- top 20 cm mod. siliceous	along foln.
										- rest of unit v. chloritic	
										- v. wavy foln.	
										- <5% sec. qtz	
										- END OF HOLE -	

DRILL HOLE NO. 84-23

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47292	0.52	1.52	1.00		52	0.48	tr ZnS, tr As	0.37	0.17	0.611	9.5	0.8		
47293	1.52	1.98	0.46		100		50% Py, 35% As, 10% Zns	10.30	15.00	5.320	249.0	11.5		
47294	1.98	2.98	1.00		99.5	0.05	<1% ZnS, <1% As, tr Py	0.39	0.40	0.318	1.6	0.5		
47295	0.00	0.52	0.52		88	0.06	tr As & Py	0.07	0.08	0.044	2.5	0.3		

DRILL HOLE NO. 84-23

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-24

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 17, 1984	PROJECT: J&L
		COLLAR	+ 0.8°	042.0	DATE COMPLETED: October 17, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.691	LOCATION: 820M drift
					NORTHING: 9,938.012	10637.73E section
					EASTING: 10,637.790	hanging wall
					AZIMUTH: 042°	
					DEPTH: 9.75 m	DATE LOGGED: October 17, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow & C. Oke

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- core ground @ 0.30	
										approx. 0.18 cm	
										- core ground @ 0.78	
										approx. @ 18 cm	
										- core ground @ 1.11	
										approx. 18 cm	
0.00	0.68	Qte	lt. gy	f.g.	mass.	minor ser	Po, Py		71	- core ground @ 1.81	- tr v.f.g. Po diss. along
		(06)			weakly					approx. 18 cm	foln.
					fotd.					- v. clean qte	- tr euhedral c.g. Py
										- minor ser on foln.	
										- increase darker colour	
										towards bottom	
										- foln. @ 0.60 = 40°	
0.68	2.05	Qtz-Chl-Ser	lt. gy	f.g.	fotd.	chl+ser	Po, Py		60	- v. siliceous	- <1% Po in thin str. along
		Phyll	lt. grn							- tr chl on foln.	foln. & on margins of
		(06)								- minor ser	qtz lenses
										- med. bndd. 40°-45°	- tr f.g. Py diss.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-24

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- tr sec. qtz	
										- minor m.g. feld xtals along	
										foln.	
										- foln. @ 1.60 = 42°	
2.05	3.21	Qte	lt. gy	f.g.	mass.		ZnS,Py,		100	- v. clean qte	
		(06)			weakly		Po			- minor ser. on foln.	- tr Po smeared on foln.
					fotd.					- minor sec. qtz	- tr Py m.g. xtals along
										- abn. feldspar xtals @	foln.
										3.20 along foln.	- tr red f.g. ZnS in thin
										- foln. @ 3.00 = 42°	stringers @ 2.40
										- faint med. bndd., 50°-60°	
3.21	3.92	Qtz-Chl Phyll	lt. gy-	f.g.	fotd.	chl	Po,Py		83	- v. siliceous	- tr Po along foln.
		(06)	lt. grn							- minor chl	- tr f.g. Py along foln.
										- minor feld? on foln.	& diss. blebs ≤2 mm
										- foln. @ 3.80 = 55°	
										- med. bndd., ~50°	
3.92	4.65	Qte	lt. gy	f.g.	fotd.	minor	Po,ZnS		100	- dirty qte	- tr Po along foln.
		(06)				chl+ser				- minor sericite on foln.	- tr ZnS, f.g., red-brwn.,
										- minor chl on foln.	along margins of qtz/felds
										- minor sec. qtz	bands at 4.02-4.05; v.
										- minor feld xtals in thin	thin strs. at 4.24
										(½-2 mm) bands; up to 30%	
										qtz; ~ parallel to foln.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-24

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- foln. @ 4.30 = 49°	
										- gradational contacts	
										- fine-med. bndd.; ~50°,	
										dip dir. ~5° from foln.	
4.65	5.14	Qtz-Chl Phyll	med. gy	f.g.	fotd.	chl	Po, ZnS		100	- similar to unit above	- tr f.g. Po in thin str.
		(06)								but more chl	along foln.
										- v. gradational contacts	- tr red f.g. ZnS in thin
										- abn. qtz & feld @ top	str. along foln. @ 4.90
										contact	
										- foln. @ 4.87 = 50°	
										- foln. @ 4.90 = 53°	
										- med. bndd., ~50°	
5.14	5.64	Qte	lt. gy	f.g.	weakly	minor chl	Py		100	- moderately clean qte	- tr f.g. Py, diss. along
		(06)			fotd.	& ser				- minor ser. on foln.	foln.
										- minor chl on foln.	
										- abn. c.g. feld @ bottom	
										contact beside	
										sec. qtz lens	
										- foln. 50°-53°	
										- med. bndd.; 40°-45°; dip	
										dir. ~15° from foln. dip	
										dir.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-24

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core fractures	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
5.64	6.47	Qtz-Chl Phyll	med. grn	f.g.	fotd.	chl	Py		100	- foln. 50°-55°	- tr Py, f.g., diss. blebs
		(06)	-gy							- faint-med. bndd., ~parallel	≤2 mm
										to foln.	
										- minor sec. qtz	
										- abn. v. small chl spots	
6.47	7.80	Qte	lt. gy	f.g.	fotd.	chl	Po,Py,As		100	- dirty qte	- tr Po, f.g., on foln.
		(06)								- mod. well fotd., 45°-60°	planes & a few strs.
										- med. bndd., 60°-65°	- tr Py & As, m.g., in qtz
										- transl. wh. qtz lenses:	lens 6.47-6.57
										6.47-6.57, 6.92-6.96,	
										7.33-7.37	
										- qtz/felds bnad with up	
										to 50% felds common	
										- minor chl on foln.	
										- f/w contact grad.	
7.80	8.45	Qtz-Chl Phyll	med. grn	f.g.	fotd.	chl	Po,Py		100	- moderately chloritic	- tr Po, f.g., thin strs.
		(06)	-gy							- mod. well fotd., 50°-60°	along foln. & smeared on
										- med. bndd., 45°	foln. planes
										- qtz bands with up to	- tr Py, f.g., a few thin
										50% felds fairly common;	strs parallel to foln.
										½-10 mm	
										- fold at 8.07-8.08; rounded	
										hinges mod. open straight	
										limbs; AP=foln = 57°, FA=60°; folds bndg.	

DRILL HOLE NO. 84-24

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-24

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
8.45	9.43	Qte	lt. gy	f.g.	mass.,	minor	Po, Py		100	- clean qte	- tr Po, f.g., on foln.
		(06)			weakly	ser&chl				- tr ser. tr chl on foln.	planes
					fotd.					- weakly fotd., 45^{o}-50^{o}	- tr Py, f.g., on foln.
										- med. bndd., bands folded &	planes
										sheared; AP~foln.	
9.43	9.75	Qtz-Chl Phyll	med. grn	f.g.	fotd.	chl	Po		100	- mod. well fotd., 55^{o}-60^{o}	- tr Po, f.g., thin strs.
		(06)	-gy							- faint med. bndd., bands	parallel to foln. & diss.
										~parallel to foln.	in foln. planes.
										- small chl blebs common	
										($\frac{1}{4}$-$\frac{1}{2}$ mm)	
			- END OF HOLE -							- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-25

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 17, 1984	PROJECT: J&L
		COLLAR	+ 0.3°	223.4°	DATE COMPLETED: October 17, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.543	LOCATION: 830M drift
					NORTHING: 9,941.401	10,607.92E section
					EASTING: 10,607.987	footwall
					AZIMUTH: 222°	
					DEPTH: 11.58	DATE LOGGED: October 17, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow & C. Oke

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										ground core @ 0.40 = 25 cm	
										ground core @ 0.97 = 25 cm	
										ground core @ 1.43 = 25 cm	
										ground core @ 1.94 = 25 cm	
0.00	1.91	Lst.	bk & med.	f.g.	fotd.		As,Po,Py		55	- mod. well fotd.,	- 1% c.g. As in 3 cm bnd.
		(02)	gy							- med. bndd., 60°-70°	@ 0.65
										- x-cutting calc. f.f. @	- tr Po - several v. small
										1.79-1.85 @ 47° to core	specks
										90° to foln.	- tr Py, m.g. with As
										- gradation contact @ bottom	
										- foln. @ 1.43 = 62°	
										- Lst. (03) band 1.65-1.80	
1.91	3.60	Lst.	lt. gy	f.g.	weakly		ZnS,Py,		86	- weakly fotd., parallel to	- <1% honey ZnS, f.g., strs.,
		(03)			fotd.		As,PbS			bndg.	2.49, 2.54, 2.89
										- faint-med. bndd., 50°-55°	- <1%, f.-m.g. Py, 2.62-
										- minor white sec. calc. qtz	2.63, 2.68, 3.05, 3.24 ,

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-25

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- x-cutting calc. f.f. 3.40-	brecc., fragments sub-
										3.50	angular to sub-rounded; 55°
										- at 3.24 1 cm bnd. of	- <1% As, f.-m.g.; at 2.62-
										dk. gy 1 mm qtz frags.	2.63, 2.68, 2.89, 3.15,
										along foln.	3.19; brecc., frag. sub-
										- foln. @ 2.90 = 52°	angular to sub-rounded
										- foln. @ 3.54 = 53°	- tr PbS, f.g., in As/Py
										- broken core 2.29-2.44	bands
											- As & Py in brecc. bands,
											~50°, 5-10 mm thick
3.60	6.68	Lst.	lt. gy	f.g.	fotd.,		ZnS,Py,		100	- mod. well fotd., 35°-60°	- tr honey f.g. ZnS @ 4.32-
		(02)	& bk		shrd.		As,PbS			- med. bndd., bndg. folded	4.38, 5.11, 5.40, 5.45,
										- 20% cb. sweatouts, bands	5.81
										≤3 cm, folded & x-cutting	- <1% f.g.-m.g. Py diss.
										foln.	along foln. throughout
										- complex folds: 4.02-4.40;	greater concentration of
										AP~foln. = 50°, FA=50°;	Py @ 6.44-6.50
										sharp & rounded hinges,	- tr As, f.-m.g.; at 5.20,
										sheared; 5.45-5.49 - chevron,	5.99-6.01, 6.36
										AP=50°, FA=55°	- tr PbS, f.g., at 5.40
										6.37 - chevron, AP=40°,	
										FA=80°;	
										bndg. folded througout	
										section	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-25

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
6.68	11.58	Lst.	med. gy	m.g.	fotd.		Py,As,		100	- well fotd., parallel to	- <1% f.-m.g. Py, brecc.,
		(03)					ZnS,PbS			bndg.	frag. sub-angular to sub-
										- med. bndd., bndg. folded	rounded, ≤6 mm; concen.
										6.68-7.95; fairly constant	7.66, 8.44 (60°), 8.60,
										7.95-11.58, 40°-45°	9.88, 10.00, 1.24, 10.48-
										-~10% bk argl. bands	10.50, 11.30
										- minor x-cutting calc. f.f.	- tr As, f.-m.g., brecc.,
										6.65-7.01	frag. sub-angular to sub-
										- cb. sweats fairly common	rounded, ≤4 mm; concen.
										(<1%), 3-10 mm,~ parallel	7.17-7.20, 7.28, 7.66,
										to foln.	9.88, 10.24, 10.48-10.50,
										- broad open fold 7.26-7.62;	11.30
										AP=90°, FA=90°	- tr ZnS, f.g.; thin strs.;
										- folds: 6.74 - round hinges,	honey yellow & red-brwn.;
										straight limbs mod. open;	concen. 7.35, 8.97, 9.26,
										AP=80°, FA=60°; many	9.88, 11.30 (52°, along
										other complex folds,	fracture)
										generally sheared	- tr PbS, f.g., concen. 9.88,
										- broken core 7.68-7.74,	10.00, 10.24
										8.84, 10.36	- As & Py generally occur
											in vague bands
		- END OF HOLE -	-							- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47285	0.00	1.00	1.00		55	0.45 m	1% As	0.03	0.10	2.870	4.7	5.6		

DRILL HOLE NO. 84-25

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-26

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 17, 1984	PROJECT: J&L
		COLLAR	+ 0.3°	044.1°	DATE COMPLETED: October 17, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.551	LOCATION: 820M drift
					NORTHING: 9,944.448	10,607.92E section
					EASTING: 10,607.720	hanging wall
					AZIMUTH: 042°	
					DEPTH: 12.50 m	DATE LOGGED: October 17, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										ground 25 cm core @ 2.13	- 40% v.f.g. & subround
0.00	0.09	M.S.			milled		Py,ZnS,		100	- 95% sulphs. 5% gy qtz	c.g. As
		(12)					As,PbS			- good milled texture	- 30% v.f.g. red ZnS in
										with 2 mm subround As	v. thin irreg. str. around
										xtals	As
										- bottom contact v. broken	- 20% f.g. Py diss.
										but appear to be abn.	- 5% f.g. PbS f.f. in the
										str. of ZnS into unit	top 3 cm
										below	
0.09	0.47	Qtz-Ser Phyll	lt. gy	f.g.	fotd.		ZnS,As,		92	- moderately sericitic	- tr m.g. Py along foln.
		(07)	lt. grn				Py			- well fotd. & open folding	- <1% red ZnS in thin str.
										- lensy foln.	along foln.
											- 5% m.g.-c.g. As in wedge
											@ 0.30

DRILL HOLE NO. 84-26

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-26

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.47	0.66	M.S.			bndd.		Py, As		100	- 80% sulphs. & 20% qtz-ser. phyll	- 40% m.g. & c.g. Py
		(12)								- conformable contacts	- 40% m.g. & c.g. As mixed
										- no obvious shearing	with Py
										- sulphides appear to have grown in or replaced phyll along foln.	
										- f/w contact 66°; h/w contact 55°	
0.66	0.76	Qtz-Ser Phyll	lt. gy -	f.g.	fotd.		Py, As		100	- lensy foln.	- 2% c.g. & f.g. Py along
		(07)	lt. grn							- no sec. qtz	foln.
											- 2% f.g. & m.g. As along foln.
0.76	1.23	M.S.			milled		As, ZnS,		94	- sulphides x-cut a qtz-ser unit that is tightly	- 60% f.g. & v.c.g. As some v. round
		(12)					Py, PbS			folded on one half of core (lengthwise)	- 20% red f.g. ZnS As f.f. around As xtals
										- 5% white sec. qtz with f.f. of c.g. red ZnS, PbS, tr Cpy	- 15% v.f.g. Py 0.97-1.06
										- f/w contact 70°	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-26

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
1.23	1.72	Qte	lt. gy	f.g.	weakly		Py		100	- minor sericite along	- tr f.g. Py diss. along
		(06)			fotd.					foln.	foln.
										- dirty qte	
										- core broken	
										- foln. @ 1.40 = 60°	
										- locally calcareous	
										- straight but weak	
										foln.	
1.72	12.50	Argl. Lst.	dk. gy-	f.g.	fotd.		Py, ZnS		100	- v. dark gy lst.	- tr m.g. Py in sec. calc.
		(02)	bk							- 20-30% bk argl. bnds.	- tr ZnS, f.g., red, str.
										but abn. bk argl. diss.	@ 4.94 (50°)
										- 20-30% white sec. calc.	
										often folded? in tight	
										isoclinal folds & re-	
										folded example @ 11.20	
										- v. uniform unit	
										- minor x-cutting v. thin	
										calc. str. @ 32° almost	
										perpendicular to foln.	
										- foln. @ 5.08 = 57°	
										- foln. @ 9.45 = 48°	
										- foln. @ 12.50 = 48°	
										- med. bndd., 50°-60°	
		- END OF HOLE	-							- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47286	0.00	0.09	0.09		100		40% As, 30% ZnS, 20% Py, 5% PbS	7.49	8.52	10.200	204.7	18.9		
47287	0.09	0.47	0.38		92	0.03	tr Py, < 1% ZnS, 5% As	1.78	0.76	2.390	34.6	1.7		
47288	0.47	0.76	0.29		100		40% Py, 40% As +10 cm Qtz-Ser Phyll	0.16	0.11	9.040	8.1	24.1		
47289	0.76	1.23	0.47		94	0.03	60% As, 20% ZnS, 15% Py	4.56	10.50	14.400	103.0	36.9		
47290	1.23	1.72	0.49		100		tr Py	0.38	0.57	1.090	12.0	1.7		
47291	1.72	2.23	0.51		50	0.25	tr Py	0.29	0.12	0.176	7.7	0.5		

DRILL HOLE NO. 84-26

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-27

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 18, 1984	PROJECT:	J&L
		COLLAR	- 0.3°	222.0°	DATE COMPLETED: October 18, 1984	N.T.S.:	82M/8E
					COLLAR ELEV.: 838.272	LOCATION:	830M drift
					NORTHING: 9,948.551		
					EASTING: 10,574.467		
					AZIMUTH: 222°		
					DEPTH: 17.68 m	DATE LOGGED:	October 18, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY:	R. Pegg & C.O

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.09	Lost Core									
0.09	0.56	Qte	white	f.g.	weakly	ser.	Py, As		100	foln. 50°-60°	10% Py (f.g.-m.g.)
		(06)			fotd.					ser. in areas of sulphs.	5% As (f.g.-m.g.)
										& from 0.50-0.56 m	most sulphs. concen. at
											0.25-0.31 m & 0.45-0.50 m
											(ser. concen.)
											- grains are rounded to
											angular & brecc.
											- sulp. bands 60°-62°
0.56	0.92	Lst.	gy	m.g.	bndd.		Py		92	wavy bndg., ~45°	tr f.g. Py
		(03)									
0.92	4.17	Lst.	dk. gy	m.g.-f.g.	bndd.	sil.	Py, ZnS,			foln. 55°-65°	1% Py (f.g.) blebs & f.f.
		(02)					As, PbS			minor bnd. of qtz-ser	tr ZnS (v. lt. brn.) strs.
										phyll (1.37-1.52 m)	& diss.
										minor calcite bnds. &	- Py throughout & sulph.
										lenses	concen. 0.92-1.02 m

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-27

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- ser. bnds. with sulphs.	- tr As, f.-m.g., brecc.,
										- grad. f/w contact & decr.	at 3.69
										in carb. sweatouts	- tr PbS, f.-m.g., at 3.69
										- bndg. generally contorted	& 3.77 (band 74°)
										- broken core: 0.92-1.35,	- ZnS at 3.69 is orange brwn.
										1.83-1.89	band 52°
4.17	4.81	Lst.	lt. gy to	m.g.	faintly		ZnS,Py,		91	- fairly sharp f/w contact	- tr f.g. Py blebs
		(03)	dirty		bndd.		PbS			- bndg. 60°	- tr ZnS (honey) diss.
			white								- tr PbS, f.g., in fracture
											at 4.47 & a few grains at
											4.76
4.81	5.83	Lst.	dk. gy	m.g.	shrd.		Py		100	- carb. sweatouts;	- tr f.g. Py blebs
		(02)								large one at 5.22-5.42 m &	
										5.50-5.71 m	
										- bndg. 50°	
										fold at 5.70: fairly sharp	
										hinge, mod. open, straight	
										limbs, AP=60°, FA=55°	
5.83	6.40	Lst.	lt. gy to	m.g.	bndd.		Py		100	- med. bndd., 45°-50°	- tr f.g. Py, diss.
		(03)	dirty								
			white								

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-27

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
6.40	7.36	Lst.	dk. gy	m.g.	shrd.		Py		100	- fine-med. bndd., 45°-60°	- tr f.g. Py, diss. grains
		(02)								- carb. sweatout 6.51-6.68	& blebs
										- thin carbon bands contorted	
7.36	7.92	Lst.	med. gy	m.g.	bndd.		Py		100	- fine-med. bndd., 40°-45°	- tr f.g. Py, diss.; f.-m.g.,
		(03)								- f/w contact grad.	brecc. concen. 8.50-8.60
7.92	9.42	Lst.	dk. gy	m.g.	bndd.		Py		100	- med. bndd., 40°-45°	
		(02)			shrd.					- complex sheared folds	
										8.04-8.23; AP≈70°,	
										FA≈80°; numerous	
										small folds	
										- cb. sweatouts common,	
										1-10 cm; cut & offset	
										bndg. in many places	
										- f/w contact grad.	
9.42	16.25	Lst.	med. gy	m.g.	bndd.		Py,As,		100	- fine-med. bndd.; 50°-60°	- tr Py, f.-m.g., diss. &
		(03)					ZnS,PbS			- mod. well der. foln.,	in brecc. bands with As
										parallel to bndg.	- tr As, f.-m.g., brecc.,
										- bndg. distorted & sheared	fragments ≤2 m, sub-angular
										15.68-16.25	to subrounded; in bands
										- a few cb. sweats 3-6 mm	with Py at 9.59, 9.67,
										thick	10.13, 10.38, 10.42
										- f/w contact sharp	- tr ZnS, f.g. yellow, str.
										- broken core: 9.98-10.03,	at 10.42 (60°); f.g., brown

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-27

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										10.62, 10.86-11.00, 11.24-	in cb. sweats(?) at
										11.40, 11.80-11.94, 12.50,	12.85 & 13.39 (60°)
										14.94, 16.00-16.25	- tr PbS, f.g., at 10.42
										- folds at 15.87-15.94:	& 12.62
										rounded hinges & limbs,	
										AP = 85°, FA=80°	
16.25	17.68	Chl-qtz phyll	dk. grn-	f.g.	fotd.	chl	Py,Po,As			- well fotd., ∧ 60°	- tr Py, f.-m.g. diss. grains
		(05)	gy							- med. bndd., bands parallel	& blebs & f.f. in qtz
										to foln.	lenses
										- transl. lt. gy-wh qtz	- tr Po, f.g., thin strs. on
										lenses common; 5 mm to	foln. planes
										3 cm; ∼ parallel to foln.;	- tr As, f.-m.g., brecc.,
										up to 5% felds.	one band at 16.62
		- END OF HOLE	-							- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47261	0.00	0.56	0.56		84	0.09	10% Py, 5% As	0.50	0.10	4.180	67.6	2.3		
47262	0.56	0.92	0.36		92	0.03	tr Py	0.04	0.03	0.115	2.6	0.1		
47263	0.92	1.92	1.00		98	0.02	2% Py	0.55	0.82	1.290	13.8	1.9		

DRILL HOLE NO. 84-27

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-28

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 18, 1984	PROJECT: J&L
		COLLAR	0.00	042.2	DATE COMPLETED: October 18, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.255	LOCATION: 830M drift
					NORTHING: 9,951.418	
					EASTING: 10,574.140	
					AZIMUTH: 042°	
					DEPTH: 9.60 m	DATE LOGGED: October 18, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.30	M.S.					As, Py		97	wh. calc. matrix	35% As (f.g.-m.g.)
		(12)								abund. calc. f.f.	25% Py (f.g.-c.g. aggre-
										- h/w contact 55°,	gates)
										(slightly irreg.)	- sulphs. rounded to
											angular & brecc.
											- first 16 cm is As, 3 cm
											of lst., rest is mainly
											Py with lst. & minor As
0.30	1.15	Lst.	wh.	f.g.	bndd.	ser.	As, Py,		100	grad. h/w contact	1% As (f.g.)
		(03)					PbS			incr. in ser. to h/w	1-2% Py (f.g.-c.g. aggre-
										mostly clean wh. lst. +	gates)
										minor v. thin carbon bnds.	sulphs. found in bnds.
										foln. 50°	(~50°)
											(0.47 m, 0.55 m, 0.74 m,
											1.03 m)
											tr PbS (v.f.g.)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-28

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
1.15	1.45	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		Po,Py		100	foln. 53°	<1% Po f.f.
		(07)	gy		shrd.					core broken	tr Py f.g.
										minor chl (incr. to f/w)	
										- grd. core at 1.33 m	
1.45	4.22	Chll-Ser-Qtz	grn	f.g.	fotd.		Py,Po,As		96	- minor ser.	1% Py (f.g.)
		Phyll								- minor Qtz-Chl bnds.	tr As (f.g.)
		(05)								(2.45-2.72 m, 3.78-3.80,	1% Po f.f.
										3.81-3.83 m)	1 (3 mm) bnd. of Po-Py-As
										minor qtz (±feld) lenses	at 3.42 m (52°)
										& veins	
										foln. 45°-50°	
										minor calc. f.f.	
										abundant qtz-feld veins at	
										3.40-4.17 m	
4.22	5.81	Qtz-Chl-Ser	lt. grn	f.g.	fotd.		Po,Py,As		100	- foln. 49°-54°	1-2% Po f.f. & along foln.
		Phyll			shrd.					- minor qtz (±feld) lenses &	tr Py (f.g.)
		(06)								veins	tr As (f.g.) blebs
										minor fract Qte (+chl)	
										at 4.65-4.80 m	narrow (2 mm) bnd. of Po
										- minor Chl-Ser-Qtz Phyll	at 5.44 m (48°)
										at 4.50-4.65 m	
										minor calc. f.f.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-28

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
5.81	7.02	Chl-Ser-Qtz	lt. gy-	f.g.	fotd.		Po,As,		87	foln. 50°-55°	1-2% Po f.f. & along foln.
		Phyll	grn		shrd.		Cpy,PbS,			minor Qtz-Chl Phyll	(1 bnd. is 5 mm wide at
		(05)					Py			at 6.07-6.23 m (calc. f.f.)	6.15; 53°)
											tr As (c.g. at 6.15 m)
										lost core between 5.79-	tr Cpy & PbS (v.f.g.) at
										6.55 m (lost 15 cm)	6.15 m
										minor calc. f.f.	tr Py at 6.15 m (c.g.)
										folded & shrd.	
										(A.P. 85°, F.A. 70° @ 6.91)	
										refolded with A.P. parallel	
										to c.a.	
7.02	7.36	Qtz-Chl Phyll	lt. gy-	f.g.	fotd.		Py		100	minor qtz + feld veins	tr Py (v.f.g.)
		(06)	grn							foln. 50°-55°	
7.36	9.60	Chl-Ser-Qtz	lt. gy-	f.g.	fotd.		Py,Po,		100	grd. core at 8.08 m	1% Po f.f. & along foln.
		Phyll	grn				Cpy			foln. 52°	1% Py (f.g.) diss. & blebs
		(05)								minor qtz (±feld)	- tr Cpy (f.g.) diss. at
										lenses & veinlets	8.05 m
											- Po-Py bnds. at 8.05 m
											(57°) & 8.85 m (63°;
											steeper than foln.)
		- END OF HOLE -								- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47281	0.00	0.30	0.30		97	0.01	35% As, 25% Py	0.05	0.02	15.100	16.2	1.6		
47282	0.30	1.15	0.85		100		1% As, 1-2% Py, tr PbS	0.02	0.02	1.220	8.6	0.3		
47283	1.15	1.45	0.30		100		<1% Po, tr Py	0.01	0.01	0.096	2.5	0.2		
47284	1.45	2.45	1.00		100		1% Py, tr As, 1% Po	<0.01	0.01	0.094	4.1	<0.1		

DRILL HOLE NO. 84-28

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-28

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 18, 1984	PROJECT: J&L
		COLLAR	0.00	042.2	DATE COMPLETED: October 18, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.255	LOCATION: 830M drift
					NORTHING: 9,951.418	
					EASTING: 10,574.140	
					AZIMUTH: 042°	
					DEPTH: 9.60 m	DATE LOGGED: October 18, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: R. Pegg

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.00	0.30	M.S.					As, Py		97	wh. calc. matrix	35% As (f.g.-m.g.)
		(12)								abund. calc. f.f.	25% Py (f.g.-c.g. aggre-
										- h/w contact 55°,	gates)
										(slightly irreg.)	- sulphs. rounded to
											angular & brecc.
											- first 16 cm is As, 3 cm
											of lst., rest is mainly
											Py with ~~lact~~ lst. & minor As
0.30	1.15	Lst.	wh.	f.g.	bndd.	ser.	As, Py,		100	grad. h/w contact	1% As (f.g.)
		(03)					PbS			incr. in ser. to h/w	1-2% Py (f.g.-c.g. aggre-
										mostly clean wh. lst. +	gates)
										minor v. thin carbon bnds.	sulphs. found in bnds.
										foln. 50°	(~50°)
											(0.47 m, 0.55 m, 0.74 m,
											1.03 m)
											tr PbS (v.f.g.)

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-28

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
1.15	1.45	Qtz-Ser Phyll	lt. grn-	f.g.	fotd.		Po,Py		100	foln. 53°	<1% Po f.f.
		(07)	gy		shrd.					core broken	tr Py f.g.
										minor chl (incr. to f/w)	
										- grd. core at 1.33 m	
1.45	4.22	Chl-Ser-Qtz	grn	f.g.	fotd.		Py,Po,As		96	- minor ser.	1% Py (f.g.)
		Phyll								- minor Qtz-Chl bnds.	tr As (f.g.)
		(05)								(2.45-2.72 m, 3.78-3.80,	1% Po f.f.
										3.81-3.83 m)	1 (3 mm) bnd. of Po-Py-As
										minor qtz (±feld) lenses	at 3.42 m (52°)
										& veins	
										foln. 45°-50°	
										minor calc. f.f.	
										abundant qtz-feld veins at	
										3.40-4.17 m	
4.22	5.81	Qtz-Chl-Ser	lt. grn	f.g.	fotd.		Po,Py,As		100	- foln. 49°-54°	1-2% Po f.f. & along foln.
		Phyll			shrd.					- minor qtz (±feld) lenses &	tr Py (f.g.)
		(06)								veins	tr As (f.g.) blebs
										minor fract Qte (+chl)	
										at 4.65-4.80 m	narrow (2 mm) bnd. of Po
										- minor Chl-Ser-Qtz Phyll	at 5.44 m (48°)
										at 4.50-4.65 m	
										minor calc. f.f.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-28

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
5.81	7.02	Chl-Ser-Qtz	lt. gy-	f.g.	fotd.		Po,As,		87	foln. 50°-55°	1-2% Po f.f. & along foln.
		Phyll	grn		shrd.		Cpy,PbS,			minor Qtz-Chl Phyll	(1 bnd. is 5 mm wide at
		(05)					Py			at 6.07-6.23 m (calc. f.f.)	6.15; 53°)
											tr As (c.g. at 6.15 m)
										lost core between 5.79-	tr Cpy & PbS (v.f.g.) at
										6.55 m (lost 15 cm)	6.15 m
										minor calc. f.f.	tr Py at 6.15 m (c.g.)
										folded & shrd.	
										(A.P. 85°, F.A. 70° @ 6.91)	
										refolded with A.P. parallel	
										to c.a.	
7.02	7.36	Qtz-Chl Phyll	lt. gy-	f.g.	fotd.		Py		100	minor qtz + feld veins	tr Py (v.f.g.)
		(06)	grn							foln. 50°-55°	
7.36	9.60	Chl-Ser-Qtz	lt. gy-	f.g.	fotd.		Py,Po,		100	grd. core at 8.08 m	1% Po f.f. & along foln.
		Phyll	grn				Cpy			foln. 52°	1% Py (f.g.) diss. & blebs
		(05)								minor qtz (±feld)	- tr Cpy (f.g.) diss. at
										lenses & veinlets	8.05 m
											- Po-Py bnds. at 8.05 m
											(57°) & 8.85 m (63°;
											steeper than foln.)
		- END OF HOLE -								- END OF HOLE -	

DRILL HOLE NO. 84-28

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47281	0.00	0.30	0.30		97	0.01	35% As, 25% Py	0.05	0.02	15.100	16.2	1.6		
47282	0.30	1.15	0.85		100		1% As, 1-2% Py, tr PbS	0.02	0.02	1.220	8.6	0.3		
47283	1.15	1.45	0.30		100		<1% Po, tr Py	0.01	0.01	0.096	2.5	0.2		
47284	1.45	2.45	1.00		100		1% Py, tr As, 1% Po	<0.01	0.01	0.094	4.1	<0.1		

DRILL HOLE NO. 84-28

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-29

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 18, 1984	PROJECT: J&L
		COLLAR	+ 0.4°	221.7°	DATE COMPLETED: October 18, 1984	N.T.S.: 82M/8E
					COLLAR ELEV.: 838.268	LOCATION: 830M drift
					NORTHING: 9,949.332	
					EASTING: 10,550.615	footwall
					AZIMUTH: 222°	
					DEPTH: 15.85 m	DATE LOGGED: October 18, 1984
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										3 cm of core ground @	
										each of locations @ 0.40	
										@ 0.80 @ 1.05 @ 1.16 @ 1.27	
0.00	0.56	Lst.	lt. gy	m.g.	fotd.		ZnS,Py,		100	- lt. & dk. gy lst. with 30%	- tr honey ZnS f.g. in
		(02)	& bk				As,PbS			bk thin bnds. of argl. &	several thin bnds. along
										traces of graphite on	foln. @ 0.51-0.52
										foln. planes	- tr m.g. Py & tr m.g. As
										- 2% white sec. calc.	with honey ZnS @ 0.51-
										- unit v. calcareous	0.52
										- lt. gy lst. appears to	- tr PbS, f.g., thin str.
										have coarser recrystallized	at 0.08
										texture	
										- foln. @ 0.26 = 59°	
										- foln. @ 0.50 = 60°	
										- med. bndd., 63°-65°	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-29

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
0.56	7.28	Lst.	lt. gy	m.g.	mass.		ZnS,Py		100	- v. uniform medium-coarse	- tr honey f.g. ZnS
		(03)			weakly					recrystallized texture	- tr f.g. Py in bnd. along
					fotd.					- v. barren of sulphides	foln. @ 0.72 between two
										- minor thin argl. bnds.	thin argl. bnds.
										@ 0.70 @ 1.64-1.80 @	- tr m.g. Py @ 0.78 @ 0.95
										1.05-1.13 @ 3.62-3.78	- tr As, f.g. in band at
										@ 4.72-4.84 @ 6.65-6.82	0.72
										- core badly broken @	- tr PbS, f.g., at 0.77,
										4.37-4.49 @ 4.97-5.02	0.95
										@ 5.26-5.37 @ 5.70-5.75	
										@ 5.86-5.94	
										- folds: 3.79 - isoclinal,	
										hinge rounded; AP=65°,	
										FA=60°	
7.28	9.20	Argl.-Gr. Lst.	lt. gy	f.g.	fotd.				100	60% bk argl. bnds.	- tr Py @ 8.30 @ along foln.
		(02)	& bk							with tr graphite on	& @ 8.93 in sec. calc.
										foln. planes	
										- straight foln. with only	
										v. minor folding	
										- 5% c.g. white x-cutting calc.	
										f.f. @ approx. 90° to foln.	
										- foln. @ 7.47 = 45°	
										- f/w contact sharp	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-29

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
9.20	14.85	Gy. Bndd. Lst. (03)	lt. & dk. gy	m.g.	fotd.		ZnS, Py, As		100	- v. uniform gy bndd. lst. with very minor bk argl. interbnds. - lt. gy bnds. appear to have a coarser recrystallized texture - v. minor calc. f.f. @ 90° to foln. - 12.68-12.85 c.g. white calc. vein x-cutting minor Py - @ 12.93 possible styolites - increasing argl. bnds. towards f/w - 14.85 - @ 14.12-14.48 & 14.63-14.74 v.c.g. calc. veins approx. conformable with abn. argl. material (styolites) above & below - gy mottled appearance - tr Py - foln. @ 14.00 = 34°	- tr yellow f.g. ZnS str. along foln. @ 9.51 @ 9.65 @ 9.85 - tr m.g.-c.g. Py along foln. @ 9.51 @ 9.65 @ 9.85 @ 10.50 @ 10.67 @ 11.90 - tr c.g. As along foln. @ 9.30 @ 9.74

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-29

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
14.85	15.85	Chl-Ser Phyll	lt.-	f.g.	fotd.		Po,Py		100	v. chloritic	- tr Py diss. along foln.
		(05)	dk. grn							- abn. slip plane v. closely	- tr Po smeared on foln.
										spaced, v. shrd.	planes
										- little or no siliceous	
										material	
										- minor sec. qtz. along foln.	
										- foln. @ 15.85 = 46°	
		- END OF HOLE	-							- END OF HOLE -	

DRILL HOLE NO. 84-29

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-30

DRILLING CO. CONNORS	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: October 18, 1984	PROJECT: J&L	
		COLLAR	- 0.1°	043.2°	DATE COMPLETED: October 18, 1984	N.T.S.: 82M/8E	
					COLLAR ELEV.: 838.257	LOCATION: 820M drift	
					NORTHING: 9,952.544		10,550.6 E section
					EASTING: 10,550.291		hanging wall
					AZIMUTH: 042°		
					DEPTH: 9.75 m	DATE LOGGED: October 18, 1984	
HOLE TYPE J.V.					CORE SIZE: B.Q.	LOGGED BY: T. Garrow	

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										core ground @ 0.58 = 24 cm	
										core ground @ 1.20 = 24 cm	
										core ground @ 1.60 = 24 cm	
										core ground @ 2.13 = ½ cm	
										core ground @ 6.75 = 22 cm	
										core ground @ 8.53 = 22 cm	
0.00	0.25	M.S.			milled		As,ZnS,		100	- 95% sulphides - 5% gy qtz	- 50% f.g. & c.g. as more
		(12)					Py,PbS			- h/w contact conformable 47°	abn. in centre of unit -
										- non calcareous	minor m.g. As is milled
										- mass. c.g. As appears to be	& diss.
										cracked or fractured	- 25% f.g. red ZnS As x-
										- milled 1 mm Py & As	cutting f.f. through other
											sulphs.
											- 20% f.g.-m.g. Py diss. -
											most is milled
											- tr PbS in f.f.

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-30

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0.25	0.51	Qtz-Ser Phyl	lt. gy-	f.g.	fotd.		As,Py		100	- moderately sericitic	- 1% m.g. Py diss. along
		(07)	lt. grn							- wavy foln.	foln.
										- 2% sec. white qtz	- 2% m.g.-c.g. As diss. in
											siliceous bnds. along foln.
0.51	0.82	M.S.			milled		As,ZnS,		23	- milled texture	- 50% Py c.g., about half
		(12)					Py			- f.g. As + ZnS + milled	f.g. milled
										Py top portion & c.g. Py	- 30% f.g. As
										+ f.g. As + tr PbS bottom	- 20% f.g. red ZnS str.
										portion	along foln.
										- ZnS str. along foln. @	- tr PbS with Py
										h/w, 63°	
										- irregular contacts	
										- qtz-ser phyll centre of	
										unit	
0.82	1.56	Qtz-Ser Phyl	lt. gy -	f.g.	fotd.		As,Py,Po		65	- weakly sericitic	- <1% m.g.-c.g. Py along
		(07)	lt. grn							- h/w contact gradational	foln.
										with increased chl	- <1% f.g. Po in thin str.
										- more sulphides towards	along foln.
										top of unit	- <1% c.g. As along foln.
										- foln. @ 1.50 = 58°	
1.56	6.50	Chl-Ser-Qtz	dk. grn	f.g.	fotd.				100	- top 40 cm moderately	- tr Py m.g. along foln.
		Phyll								siliceous - gradational	
		(05)								contact - rest v. chloritic	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-30

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										- cg. feld xtals in qtz	
										@ 2.70	
										- no sec. qtz	
										- minor gouge along foln.	
										between 3.70-3.85	
										- slightly more diss. Py	
										from 6.40-6.50 also core	
										v. broken	
										- foln. @ 3.00 = 49°	
										- foln. @ 4.88 = 47°	
										- wavy bndg. @ 2.79, AP=65°	
										(opp. foln.), FA=80°	
6.50	8.75	Qtz-Ser Phyll	lt. gy-	f.g.	fotd.		Py, Po		97	- top contact gradational	- 1% Py f.g. diss. along
		(07)	dk. gy-							- varying proportions of	foln. & v.c.g. @ 6.71-
			med. brn							sericite throughout unit	7.10 in sec. qtz & str.
										- 7.30-7.90 definite med.	of c.g. @ 7.91 & 8.21
										brn colour to sericite?	- 1% f.g. Po str. along foln.
										still v. siliceous	with Py 7.90-8.30
										- minor sec. qtz along	
										foln. except @ 6.71-	
										7.10 60% sec. qtz x-	
										cutting - abn. c.g.	
										feld xtals	
										foln. @ 7.42 = 49°	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. 84-30

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	% core recovery	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
8.75	9.34	Ser-Qtz Phyll	med. gy	f.g.	fotd.		Po,Py		100	- uniform sericitic unit	- <1% Po smeared on foln.
		(04)	brn.							- minor chl on foln.	planes
										- minor feld xtals in	- tr Py smeared on foln.
										qtz along foln.	planes
										- foln. @ 9.26 = 48°	
9.34	9.66	Qtz-Ser Phyll	lt. -	f.g.	fotd.		Po,Py		100	- moderate sericite	- <1% f.g. Po along foln.
		(07)	dk. gy							- minor c.g. feld along	- <1% f.g. Py along foln.
										foln.	
										- tr sec. qtz	
										- v. uniform	
										- foln. @ 9.42 = 52°	
										- gradational contacts	
9.66	9.75	Chl-Ser-Qtz	dk. grn	f.g.	fotd.		Po		100	- uniform weakly fotd.	- tr Po
		Phyll								- moderately siliceous	
		(05)								- moderately chloritic	
										- tr Po & feld xtals	
										@ top contact	
										- foln. @ 9.75 = 45°	
		- END OF HOLE	-							- END OF HOLE -	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		% Pb	% Zn	% As	g/t Ag	g/t Au		
47264	0.00	0.25	0.25		100	0	50% As, 25% ZnS, 20% Py	6.14	11.10	11.900	203.6	29.5		
47265	0.25	0.82	0.57		58	0.24	20% Py, 15% As, 10% ZnS	1.93	5.54	2.870	54.6	4.4		
47266	0.82	1.56	0.74		65	0.24	<1% Py, <1% Po, <1% As	0.12	0.22	0.686	3.5	0.6		

DRILL HOLE NO. 84-30