Indian and Northern Affairs | Affaires indiennes et du Nord

P. O. Box 269
Watson Lake, Yukon
YOA 1CO

25 October, 1979

Your file Votre référence 094196

Our file Notre référence

REGIONAL DIRECTOR RESOURCES

Attn: Supervising Mining Recorder

RESTRICTED
REGISTERED MAIL

Enclosed for your information are Diamond Drill Logs submiited for assessment on the CLEA claims by Placer Development Limited. Drilling was done as follows:

Claim Name	Hole Depth	Total Cost
Clea 103 (79-1)	347.5 m	$30,581.00
Clea 62F (79-2)	163.7 m	17,220.00
Clea 42 (79-3)	150.8 m	21,806.00
Clea 50 (79-4)	102.8 m	11,156.00

This years core is stored at the Clea camp site which is located on mineral claim CLEA 100, map no. 105-I-13.

Yours truly,

V. W. Johanson
Mining Recorder
Watson Lake Mining District

PLM
Encl
cc: Regional Geologist

CANEX PLACER LIMITED

GRID: _____ HOLE No. _____ SHEET No. ___ of ___

LOCATION: SURF VALLEY BEARING: 35° LATITUDE: 62 55 11 PROPERTY: _____

DATE COLLARED: JULY 19/1972 LENGTH: 3466 DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: 1:100 DATE: JULY 21/72

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ				ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	GRAPHIC LOG LITHOLOGY	GRAPHIC LOG ∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		ASSAY RESULTS % Cu		ESTIMATED GRADE
									CASING TO	12 m		0	0											12		80%					
				10	50			30	some Sporadic calc-silicate	grey/black			25																	
									Specimens where core broken with hammer to reveal Banding, foliation parallel to or stretched out		well Foliated	70°	50									SILICA		49		100%					
									FOLD				75																	
												35 / 50 / 70°	100											79		100%					
												70°	125											115		95%					
												120												140		98%					

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: _____ HOLE No. C [illegible]
SHEET No. 2 of [illegible]

LOCATION: CLEA VALLEY 1 BEARING: 55° LATITUDE: 62 [illegible] N PROPERTY: [illegible]
DATE COLLARED: JULY 19/79 LENGTH: 346.6 DEPARTURE: 45 6295 E CORE SIZE: [illegible] LOGGED BY: J M K
DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: 1 [illegible] DATE: JULY 22/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	PYRITE	HEMATITE/LIMONITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY / ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
					60		30	SPOTTED BLACK HELS Beds strongly FOLIATED ~~CONTACT~~ Bedding	DK GY & BLACK	SPOTTED	35°	15.0			TR					SILICIFICATION	OCCASIONAL [illegible] MAY HAVE BEEN MUD CRISIS	17.2		90%					
								parallel to FOLIATION IN MANY PLACES			18°	19.2										17.7		100					
												20.0										19.2		100%					
											15°	20.4										20.4		100%					
											26°	25.6										25.4		100%					
											20°	27.5										26.5		95%					
											5°	30.0										29.6		100%					

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C 79
SHEET No. 2 of 2

LOCATION: CLEA VALLEY | BEARING: 55° | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19/79 | LENGTH: 346.6 | DEPARTURE: 45,6395E | CORE SIZE: B.G | LOGGED BY: JM K
DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1"100 | DATE: JULY 22/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CARBONATE	NON-DARK MINERALS	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	GRAPHIC LOG LITHOLOGY	GRAPHIC LOG TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
					50	25		BLACK HEIS SPOTTED IN SECTIONS. SOME SILICEOUS BEDS UP 4" 5 cm ACROSS	BLACK & DARK GREY	FINE GRAINED SPOTTED	/15°	30				TR					SILICA	FOLD VERY STRONG.							
											/10	32.5											32.6		100%					
											/15°	35																		
								SPOTTED ONLY OCCASIONALLY VERY FEW SANDY BEDS			/25°	37.5										FOLD VERY STRONG. BEDDING INDISTINCT	35.7		100%					
																							38.3		100%					
											/20	410										GRAPHITE ON MANY SHEAR FACES SOME CALCITE IN FRS	38.7							
											/30	412.5											411.8		100.9%					
											/15°	45											44.7		100%					

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C74-1
SHEET No. 4 of 7

LOCATION: CLEA VALLEY | BEARING: 550 | LATITUDE: 62,255 N | PROPERTY: CLEA
DATE COLLARED: JULY 19/79 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: B.G | LOGGED BY: JMK
DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1.100 | DATE: JULY 22.'79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				5	55	20		BLACK HFLS VERY SHEARED SPOTTED IN PLACES	BLACK	FINE GRAINED SOME SPOTTED SECTIONS		45				TR				SILICA		46.4		100%					
								417.9 - 20 cm gy SST Red				47.5										48.8		100%					
				5	80	10		LIGHT GREY	LIGHT	FINE		50			1	2.					PY IN								
								CHERTY HFLS DARK GY GRAINS GIVING FOL⁺ FINE GRAINED BUFF COLOURED IN PLACES.	GREY WITH DARK BITS	GRAINED CHERTY		52.5								SILICA.	FRS NORMAL TO REDUCE	50.9		100%					
											30	55											54		100%					
				5	55	15		FINE GRAINED BLACK HFLS. FEW SPOTTED SECTIONS SOME GRAPHITE ON FR'S.	BLACK	FINE GRAD. UNIFORM	40									SILICA.		55.6		100%					
																					THIN QTZ STKS // TO FOL⁺	56.7		100%					
											30	57.5		30								57		100%					
											30	60										59.5		100%					

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. CM-1
SHEET No. 5 of 7

LOCATION: CLEA VALLEY | BEARING: 550 | LATITUDE: 67,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19 / 1979 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: N.Q | LOGGED BY: JMK
DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1:100 | DATE: JULY 22 / 79.

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	FOOTAGE	GRAPHIC LOG LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				10	50	10		FINE GRAINED BLACK HFLS 60.5–61.1 ROCK VERY FR² 0 CHL THROUGHOUT CALCITE &			/30	60		20 40	TR					SILICA	FR'S.	61.1		78%					
																					CT FILLED FR'S.	61.9		90%					
												62.5		20								62.5		100%					
								GRAPHITE			/50			20							CALCITE FILLED FR'S.								
												65										64.3		100%					
				5	75	5		INTERBEDDED BL HFLS AND GY SANDY BDS well bedded.			/55				TR					SILICA	Beds 2-5cm thick interbedded	66.1		100%					
							653				/50	67.5																	
				10	50	10	60	FINE GRAINED BLACK HFLS FEW SPOTTED SECTIONS			/50			/30	TR					SILICA	FR FILLED BAN CT+Po 1cm thick	68.6		100%					
												70										69.8		100%					
											/40	72.5									FR 11 NO CONT HX IS SHEARED ROCK.	70.7		90%					
																						72.2		100%					
											/30			/15							SAME & FILLED FR								
											/125	75																	

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C 79-1
SHEET No. 6 of 21

LOCATION: CLEA VALLEY · BEARING: _____ LATITUDE: 62 255 N PROPERTY: CLEA

DATE COLLARED: JULY 19/1979 LENGTH: 346.6 DEPARTURE: 456 795E CORE SIZE: BQ LOGGED BY: JMK

DATE COMPLETED: _____ DIP: -90° ELEVATION: _____ SCALE OF LOG: 1:100 DATE: JULY 23/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANHYDRITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				10	50	TR	15	FINE GRAINED BLACK HELS well laminated SPOTTED INCLUSIONS.	BLACK	SPOTTED WELL LAM.	35 / 20	75 / 77.5		25		2.					SILICA.	27-.5 cm Po FILLED FR	75.3		100%					
											30	80		15 / 15								79.8 - cm Po FILLED FR	78.3		100%					
											55 / 45	82.5		30								massive Po Po FILLED FR. 5cm	81.4		100%					
				10	75	TR	15	some SILICEOUS CALC SILICATE INTER BEDS WITH BL. HELS			11°	85				2						Po IN MANY FR'S AT 15°	84.4		100%					
				10	80	5		LIGHT GREY SILICEOUS CALC SILICATE. Wall LAM.	LIGHT GREY	FINE GRAINED	5C / 87	87.5				TR.					SILICA	CORE QUITE WX and recemented with silica.	86.9		100%					
				5	75	5		INTERBEDDED BLACK HELS & CALC SILICATE - Beds 0.5% 2cm thick.			50	90				TR					SILICA.									

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C 79-1
SHEET No. 2 of 2

LOCATION: CLEA VALLEY | BEARING: E 55° | LATITUDE: 62 255 N | PROPERTY: CLEA
DATE COLLARED: JULY 19/1979 | LENGTH: 346.6 | DEPARTURE: 456,395 N | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1:100 | DATE: JULY 23/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	SILICA	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		ASSAY RESULTS: %		ESTIMATED GRADE
																											Cu		Cu		
				10	<20%	5		LT GY TO BUFF SILICEOUS CALC SILICATE			45°	90									SILICA		90.5		100%					
							92.2	BLACK HFLS				92.5																			
				15	70	2	5	INTERBEDDED WITH SIL CALC SIL ~~5% MARBLE~~			40					2.				SILICA		93.11		100%					
				5	80	5		< 5% MARBLE			50	95									SILICA									
				10	80	10		SILICEOUS CALC SILICATE INTERBEDDED WITH MARBLE 10% 5% BLACK HFLS INTERBEDS			45°			10°							NARROW SHEAR	96.6		100%					
				5	40	50		50% MARBLE BEDS			45°	97.5											99.7		100%					
				5	40	50		50% MARBLE BEDS			50	100																		
											45°												102.1		100%					
				5	40	50		50% MARBLE BEDS			40	102.5											102.7		100%					
											50	105																		

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 2 of 2

LOCATION: CLEA VALLEY | BEARING: _____ | LATITUDE: 62 2.5 N | PROPERTY: CLEA

DATE COLLARED: JUNE 19 1946 | LENGTH: 346.6 | DEPARTURE: 456 39.5 E | CORE SIZE: NQ | LOGGED BY: JMK

DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1"100 | DATE: JULY 22/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANHYDRITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				5	80	15		INTERBEDDED CALC SILICATE AND MARBLE <10% MARBLE	WHITE AND GREY	well LAM	/45	105								SILICA		104.8		100%					
											/45	107.5																	
											/45	110										108.8		100%					
																									100%				
											/35	112.5										111.9		100%					
				20	70	10	112.8	INTERBEDDED CALC SILICATE AND BIOTITE HFLS 40% BIOTITE HFLS.	WHITE AND BROWN	well LAM	/50	115								SILICA BIOTITE		114.9		100%					
								SLIGHTLY CONTORTED BEDS.			/25																			
											/40	117.5																	
											/25											118		100%					
											/30	120																	

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C 79-1
SHEET No. 9 of 2

LOCATION: CLEA VALLEY | BEARING: -55° | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1:100 | DATE: JULY 23, 1979

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE/ANHEDRITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: TO CORE CONTACT	MINERALIZATION: PY	po	CPY	Bn	Cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				20	70	10	INTERBEDDED SILICEOUS CALC SILICATE AND BIOTITE HFLS	BROWN & WHITE	well LAM	55	120			0	0	0				SILICA BIOTITE	Bedding QUITE CONTORTED	121		100%					
				10	70	15	SILICEOUS CALC SILICATE containing some THIN MARBLE BEDS UPTO	white/grey black	well bedded	35	122.5									SILICA GARNET								
							10 cm thick. OCCASIONAL ZONES OF INTERBEDDED BL HFLS & CS.			45												124.1		100%					
							5% MARBLE 10% H.F.LS. Bed S.			50	125																			
				5	70	20	10% MARBLE 5-10 HFLS.			60													127.1		100%					
		2		5	65	25	10% MARBLE 10% HFLS			50	127.5										A Few SLIGHTLY SKARNIFIED SECTIONS NO SCHEELITE								
										50	130											130.1		100%					
		5		5	65	25	20% MARBLE			55	132.5																		
		5		0	65	25	20% MARBLE			40												133.1		100%					
										50	135																		

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: ____

HOLE No. C79-1
SHEET No. 10 of 2

LOCATION: CLEA VALLEY | BEARING: -55° | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19 1979 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: BQ | LOGGED BY: SMK
DATE COMPLETED: ____ | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: JULY 24/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
								INTERBEDDED SILICEOUS CALC SILICATE + MARBLE SOME SECTIONS INTERBEDDED WITH BLACK HFLS WELL LAM. 50° BC HFLS			45	135									SILICA.									
												137.5											136.1		100%					
				5	60	35		30% MARBLE			50																			
											45	140											139.3		100%.					
											45	142.5											142.3		100%					
											50	145										144 – 148 Bedding QUITE CONTORTED AND INDISTINCT								
											45	147.5											145.4		100%					
											55												148.4		100%					
											55	150																		

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 11 of 21

LOCATION: CLEA VALLEY | BEARING: -55° | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: JM IK
DATE COMPLETED: | DIP: -90° | ELEVATION: 456,395E | SCALE OF LOG: 1:100 | DATE: JULY 24, 1979

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				5	65	25		INTERBEDDED SILICEOUS CALCSIL. AND MARBLE some sections INTERBEDDED HALS. UP TO 5-7%			60	150								SILICA		151.5		100%					
											55	1525																	
											35	155										154.5		100%					
											60																		
											60	157.5										157.6		100%					
											40																		
											60	160																	
											45											160.6		100%					
												162.5																	
											40											163.7		100%					
											50	165																	

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. CA-1
SHEET No. 12 of 2

LOCATION: CLEA VALLEY | BEARING: -55° | LATITUDE: 62 25SN | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: 456, 395E | CORE SIZE: BQ | LOGGED BY: JM IC
DATE COMPLETED: ____ | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: JULY 24/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE		ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				5	65	25		INTERBEDDED SILICEOUS CALC SIL AND MARBLE FEW SECTIONS OF INTERBEDDED HFLS	WHITE GREY BLACK	well LAM	55	165									SILICA		166.7		100%					
											60	167.5																		
											50											169.5-169.8 well LAM HFLS & CS.									
											50	170											169.8		100%					
											55	172.5											172.8		100%					
											56	175											175.9		100%					
											65	177.5											178.9		100%					
											55	180																		

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 13 of 21

LOCATION: CLEA VALLEY | BEARING: 55° | LATITUDE: 62,255 N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: 456,395 E | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: ____ | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: JULY 24/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				5	65	25		INTERBEDDED SILICEOUS CALC SILICATE AND MARBLE UP TO 40% MARBLE 1-5% AFLS	WHITE & GREY	well bedded	50	180									SILICA									
											55	182.5										1820		100%					
								INTERBEDS			55																			
											45	185										185.0		100%					
							185.3																							
				20	70	5		BIOTITE HFLS SOME BL HFLS INTERBEDS SOME SPOTTED SECTIONS	BROWN WITH BL BANDS	well LAM SPOTTED	60	187.5				TR					SILICA BIOTITE									
											55	190										189.1		100%					
								Bedding indistinct.			55	192.5										191.1		100%					
																						192.6		100%					
											65	195										192.6 - 20 cm calc silicate bed. 194.2		100%					

SKARN DRILL LOG FORM NO. 1774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 14 of 2?

LOCATION: CLEA VALLEY | BEARING: 55° | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: ____ | DIP: 90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: JULY 24/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE				ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cu		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				20	70	5		BIOTITE HFLS			55	195									SILICA BIOTITE									
				196																										
				10	80	5	2	50% BIOTITE HFLS 50% CALC SILICATE				197.5									SILICA		197.2		100%					
				199.7							65																			
				20	70	5		BIOTITE HFLS				200																		
								5% CALC SILICATE Beds			55										SILICA BIOTITE		200.3		100					
											60	202.5																		
				10	80	5	2	50% BIOTITE HFLS 50% CALC SILICATE			55										SILICA		203.3		100					
											50	205																		
											50												206.3		100					
											50	207.5																		
											55																			
											60	210											209.4		100%					

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 1 of 2

LOCATION: CLEA VALLEY | BEARING: S5° | LATITUDE: 62 255N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: ____ | DIP: -90° | ELEVATION: ± | SCALE OF LOG: 1:100 | DATE: JULY 24/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDRADITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	GRAPHIC LOG LITHOLOGY	GRAPHIC LOG ∠ TO CORE CONTACT	MINERALIZATION PY	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				25	60		15	BIOTITE HFLS 10-20% CALC SILICATE BEDS	BROWN BLACK WHITE		50	210								BIOTITE SILICA	211.9 - 212.4 SILICEOUS CALC SILICATE.	212.4		100					
											65	212.5									214.7 - 214.9 CS Bed.	214.0		100					
											60	215									215.4-216. CALC SILICATE Bed.	217.0		100					
											55	217.5																
											60																	
											50	220										220.1		100					
				10	80	TR		SILICEOUS CALC SILICATE. 10% BIOTITE HFLS	WHITE BROWN		60	222.5								SILICA BIOTITE								
											50											223.1		100					
											45											224.6		100					
				25	60		5	BLACK HFLS.	BLACK			226									BIOTITE-SILICA								

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C 79-1
SHEET No. 16 of 2

LOCATION: CLEA VALLEY | BEARING: -55° | LATITUDE: 62,255 N | PROPERTY: CLEA
DATE COLLARED: JULY 19/1979 | LENGTH: 346.6 m | DEPARTURE: 456,395E | CORE SIZE: B Q | LOGGED BY: JMK
DATE COMPLETED: _____ | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1:100 | DATE: JULY 24/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				20	70			BLACK HFLS 10% CS Beds	BLACK WHITE	well lam	50	225								SILICA BIOTITE									
				10	80			50% BIOTITE HFLS 50% CALC SILICATE Beds UP	BROWN WHITE	well LAM	50	227.5								SILICA BIOTITE		227.7		100%					
								TO 20-30 cm thick			40																			
											50	230																	
											50											230.7		100%					
												232.5																	
				25	70			INTERBEDDED BIOTITE AND BLACK HFS MOSTLY BLACK HFLS	BLACK BROWN	well LAM.	50									SILICA BIOTITE		233.8		100%					
												235																	
											55										235.5-236.0 CALC SILICATE BAND								
																					236.7-237.2 sheared BLACK HFLS cemented with lime		236.8		100%				
								INTERMIXED			40	237.5																	
				10	80			CALC SILICATE AND BLACK HFLS 50-50	WHITE BLACK		50									SILICA									

SKARN DRILL LOG FORM NO. XFP4

GRID: ____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 17 of 25

LOCATION: CLEA VALLEY | BEARING: 55° | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979 | LENGTH: 346.6 | DEPARTURE: 456,395E | CORE SIZE: B.Q | LOGGED BY: JMK
DATE COMPLETED: ____ | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: JULY 25/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	FELDSPAR	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
TR				10	80	TR		50% CS 50% BL HFLS	WHITE BL	well LAM	60°	240								SILICA BIOTITE									
							244.1				65°	242.5										242.9		100%					
				15	75			BLACK HFLS. some BIOT HFLS	BL BR	well 1mm	60	245								SILICA BIOTITE									
								SECTION CONTAINING CALC SILICATE			70											246		100%					
JR				10	80			50% BLACK HFLS	BL		70	247.5																	
								50% CALC SILICATE	WHITE BR	well 1mm	65	250								SILICA BIOTITE		249		100%					
				15	75			BLACK HFLS some BIOT HFLS.	BL BR.	well 1mm.	60 70	252.5								SILICA BIOTITE		252		100%					
											70 70	255									256-263 v-c ss Beds 254½ CALC SIL 254?) Beds slightly SKARNIFIED	253		100%					

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C-79-1
SHEET No. 18 of 32

LOCATION: CLEA VALLEY | BEARING: 55 | LATITUDE: 62.255 N | PROPERTY: CLEA
DATE COLLARED: JULY 19, 1979. | LENGTH: 346.6m | DEPARTURE: 456,395 E | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: _____ | DIP: -90 | ELEVATION: _____ | SCALE OF LOG: 1:100 | DATE: JULY 25/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	GRAPHIC LOG LITHOLOGY	GRAPHIC LOG TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER		%		ESTIMATED GRADE
																											Cu		Cu		
				15	75			BL WOLS			65	255									SILICA BIOTITE		255.1		100%					
TR				10	80			50% BL HFLS & CS. SOME BIOT HFLS				257.5									SILICA BIOTITE	257.5 - 15cm SK containing 0.5% WO_3								
				20	75			BL HFLS SOME BIOT HFLS			50										SILICA BIOTITE		258.2		100%					
								50% BL HFLS			70	260																		
TR				10	80			CS. SOME BIOT HFLS			70										SILICA BIOTITE	260.1 - TWO FRT cont. SCHEELITE	261.2		100%					
TR				20	75	2		BL HFLS SOME BIOT HFLS. SOME CS BEDS			65	262.5									SILICA BIOTITE	261.5-262. CALC SILICATE Bed containing some GALCAB & DIOPSIDE								
								20-30% BIOT HFLS.			70												264.3		100%					
											65	265										264.7 - 10cm CS Bed								
											70	267.5										264-266.8 CS Beds 267.2-267.4 CALC SILICATE BEDS	267.3		100%					
											70	270																		

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C-79-1
SHEET No. 19 of 2-

LOCATION: CLEA VALLEY | BEARING: 56 | LATITUDE: 62,255N | PROPERTY: CLEA
DATE COLLARED: JULY 19 1979 | LENGTH: 346.6m | DEPARTURE: 456,395E | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: ____ | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: JULY 25/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE		ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		% Cu		ESTIMATED GRADE
TR				15	70			BLACK HFLS OCCASIONAL CALC SILICATE BANDS.			60 / 60	270											270.4		100%					
					40	P		LIMEY CALC SILICATE MASSIVE EQUIGRANULAR VERY LITTLE LAMINATION SEEN.	WHITE	equigranular		272.5									SILICA LIMY	QUITE DIFFERENT THAN ANY OTHER CALC SILICATE SEEN.	273.4		100%					
												276											276.5		100%					
												277.5																		
												280											279.5		100%					
												282.5											282.5		100%					
											75	285													100%					

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C 79-1
SHEET No. 20 of 24

LOCATION: CLEA VALLEY | BEARING: _____ | LATITUDE: 62 25 5N | PROPERTY: CLEA
DATE COLLARED: JULY 19/1979 | LENGTH: 346.6 m | DEPARTURE: 456 395E | CORE SIZE: T2. Q | LOGGED BY: JMK
DATE COMPLETED: JULY 28/1979 | DIP: -90° | ELEVATION: _____ | SCALE OF LOG: 1:100 | DATE: JULY 28/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	GRAPHIC LOG LITHOLOGY	GRAPHIC LOG TO CORE CONTACT	MINERALIZATION py	po	cpy	sn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
TR					80	15		LIMEY SILICEOUS CALC SILICATE	WHITE	UNIFORM	70	285				TR				SILICA	ROCKS FISSILE VERY HARD	285.3		100					
											70	287.5																		
											70											288.3		100						
												290										288.8 - 5cm SK cont QTZ + WO3								
				10	60	2		BIOTITE HFLS INTERBEDDED WITH BL HFLS & SOME CS	BL BR.		65									SILICA		291.4		100					
TR				5	75	15		LIMEY CALC SILICATE. FAIRLY UNIFORM	WHITE BLACK		70	292.5									SILICA	ROCKS F.S.S							
								TEXTURE OCCASIONAL BL HFLS INTERBEDS			60	295										VERY HARD 294.1 - 295.9	294.7		100					
												297.5										MOSTLY BLACK HFLS								
											70	300										299.0 - 5cm SK cont WO3 299.3 - 5cm SK cont WO3 299.8 - 5K cont WO3	297.8		100					

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: _____

HOLE No. CL79-1
SHEET No. 2 of 2

LOCATION: CLEA VALLEY
DATE COLLARED: JULY 19, 1979
DATE COMPLETED: JULY 28/1979
BEARING: _____
LENGTH: 346.6 m
DIP: -90°
LATITUDE: 62,255 N
DEPARTURE: _____
ELEVATION: 456,395E
PROPERTY: CLEA
CORE SIZE: B.Q
SCALE OF LOG: 1:100
LOGGED BY: JMK
DATE: JULY 28/1979

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE		ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
TR				5	70	10		SILICEOUS CALC SILICATE. SOME BIOT & BL HFLS INTERBEDS UP TO 50% BIOT HFLS.	WHITE	UNIFORM	60	300				TR						SILICA		300.0		100					
							302.9					302.5																			
				15	70			Black HFLS Some BIOT HFLS INTERBEDS & CS INTERBEDS			60	305				5%						SILICA	Po + Py along Bedd. + Spting. Bx'd in Places w/ Qtz cement Bx.	303.9		100					
											70																				
											60	307.5											306.9		100					
				15	60	5		30% BIOT HFLS			60	310										SILICA		310		100					
								50% SILICEOUS CALC SILICATES 20% BLACK HFLS			60	312.5				TR.						BIOTITE	310 - CALCAREOUS SPRINKLED CONT. WOJ								
											65	315												313		100					

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 22 of 24

LOCATION: CLEA VALLEY
DATE COLLARED: JULY 19/79
DATE COMPLETED: JULY 28/79.
BEARING: _____
LENGTH: 346.6 m
DIP: -90°
LATITUDE: 62,255N
DEPARTURE: 456,395E
ELEVATION: _____
PROPERTY: CLEA
CORE SIZE: BQ
SCALE OF LOG: 1:100
LOGGED BY: JMK
DATE: JULY 28/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CARBONATE ANDALUSITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	sl	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				15	60	5%	50% CS 50% BL HFLS			65	315								SILICA BIOTITE									
				10	70		BLACK HFLS 5% S.I beds			65	317.5				3				SILICA		316.1		100					
										70																		
				15	60	5	50% BL HFLS 50% CS.			60	320				2				SILICA		319.1		100					
				15	70	TR	75% BL HFLS 25% CS. ↓			60	322.5				5					Po along bedding plains	322.2		100					
							BL HFLS some sandy interbeds upto 10% CS beds			60 / 30	325										325.2		100					
										60 / 65	327.5																	
										65	330										328.3		100					

SEARS DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C-79-1
SHEET No. 22 of 24

LOCATION: CLEA VALLEY
DATE COLLARED: JULY 19/79
DATE COMPLETED: JULY 28/79
BEARING: ____
LENGTH: 346.6 m
DIP: -90°
LATITUDE: 62,255N
DEPARTURE: 456,395E
ELEVATION: ____
PROPERTY: CLEA
CORE SIZE: B.Q
SCALE OF LOG: 1:100
LOGGED BY: JW IC
DATE: JULY 30/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE		ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				20	75		331.6	BLACK HFLS SPOTTED IN PLACES	BLACK	WELL LAM.	50	330				5					SILICA	331.0 - 5cm MASSIVE Po.	3313		100%					
TR				10	90	5		CALC SILICATE 20% BC. HFLS Beds	WHITE GREY	Well bedded		332.5									SILICA DIOPSIDE	331.6 - 332 CS IS SKARN. FINE CMT & 1% WO3								
								CS SKARN. FIED IN PLACES CONTAIN WO3			50 45	335				TR						3327: TR WO3 IN CS. 3342: 0.5% WO3 IN 10 cm CS. BAND	3325		100%					
				20	75			BLACK HFLS. F.	BLACK	FINE GRND WELL LAM.	45	337				5					SILICA		3336		100%					
											55																			
2				10	80	TR		50% CS 50% BLACK HFLS	WHITE BLACK	Well LAM FINE GRND.	55 20	340				2					SILICA									
											50	342.5																		
											40 50	345																		

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: _____ HOLE No. _____ SHEET No. ___ of ___

LOCATION: CLEA VALLEY BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: JULY 19/79 LENGTH: 346'. DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____

DATE COMPLETED: JULY 28/79 DIP: -90 ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Q			ROCK TYPE	COLOUR	TEXTURE	↙ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	LITHOLOGY	↙ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
2				10	90	1L		BLACK HELS & CALC SILICATE	WHITE → BL.	WELL LAM F. GRND		345				2					SILICA		345.9		100%				
																							346.6		100%				
								EOH				346'																	

SKARN DRILL LOG FORM NO. X774

GRID: 0 m S

CANEX PLACER LIMITED

FINAL DIP.

HOLE No. C-79-2
SHEET No. 1 of 1

LOCATION: 9558.65E, 6121.0N | BEARING: | LATITUDE: | PROPERTY: Clez

DATE COLLARED: July 30/79 | LENGTH: 161.75 | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: M.F

DATE COMPLETED: Aug 5/79 | DIP: 90° - 84° | ELEVATION: | SCALE OF LOG: 1" = 100' | DATE: Aug 2/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Tremolite	Idocrase	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	Mo	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		% Cu		ESTIMATED GRADE
										←		C	A	S	2.5	1		N	-	Gr				→							
														5.0										Broken Core							
2			2	5	70					mainly DK GREY HORNFELS with minor interbeds of brown horn grey green silc/sil. ¼" Qtz vein	DK grey	fine grained	75° / 70°	7.5			Tr	1	Tr			Tr	SILICA Biotite	-5.25-5.9 bl cal/sil -5.9 Qtz vein with mu, cpy > po minor inter bed 1% diop. SEAMN.	5.9		90%					
														8.2										-7.9 - 8.2 SEAMN Tr py veins.	8.2		95%					
										Equigranular Grn Dyke contains some calcite and Qtz vein	Dk green	med grain		9.65			Tr						Chlorite Sericite	fg disseminated Calcite content due to exchange w/th interbeds.	9.45		95%					
										Interbedded biotite hornfels + thin silicate rich cut by Grn veins + Qtz vein with 1% mineralization	Dk green	fg	75° / 60°	10.0																	
5				10	60	5			1					12.5			Tr	Tr				Tr	Diopside Silica Biotite	-10.45-.80 SEAMN -.2 WO3 -11.9-12 SEAMN, biotite diop. QB. -2% WO3	10.67 12.5		90% 100%					
													55°	12.4		75°								sil cal sil still contain-								
										Equigranular Grn	H grey	med grain		15.0										FRESH UNALTERED		14.33		100%				

SKARN DRILL LOG FORM NO. X774

GRID: WITNESS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 2 of 11

LOCATION: 455685E, 6121ON
DATE COLLARED: July 30/79
DATE COMPLETED: Aug. 5/79
BEARING: ---
LENGTH: 161.75m
DIP: 90°
LATITUDE: ---
DEPARTURE: ---
ELEVATION: ---
PROPERTY: Clea
CORE SIZE: BQ
SCALE OF LOG: 1:100
LOGGED BY: M. Foster
DATE: August 2 /79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	AMPHIBOLE / TREMOLITE	IDOCRASE	ROCK TYPE	COLOUR	TEXTURE	BEDDING / FOLIATION TO CORE	FOOTAGE	LITHOLOGY / FRACTURE TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		ASSAY RESULTS: % Cu	ASSAY RESULTS: % WO3	ESTIMATED GRADE
					70	2			Hornfels Cal-Sil	lt grey	med grain	53°	15.0							SILICA									
									Qtz. Interbedded Cal-Sil & dk grey hornfels	lt grey	med grain	50°	17.5							Sericite Chl	2nd top contact with Skarn Cal-Sil noted 15.2 (carbon 2C contact)	17.37		95%					
			2		70	4		2	Equigranular Qtz.	lt grey	med grained		19.25							Chlorite	large Qtz dyke (old Qtz veining) calcite due to (sericite) with Cal-Sil								
					60	4			Interbedding of dk grey hornfels & BK hornfel	grey black	fine grained	50°	20.0							Silica									
					70	1			BK hornfels	BK	fine	60°	20.3			Tr				Silica	very Silicified	20.42		95%					
			3	2	60	5		1	Cal-Sil with interbed of varying comp.	BK green	fine grained		21.1		Tr					Silica									
					70	1			BK hornfels with almost Silicified Cal-Sil areas	BK	fine		21.6		1					Silica									
4			1	1	60	5			Silicious Cal-Sil with disrupted hornfels	grey black	fine	65°	22.1	50°	Tr						very Cal-Sil rock - most fractures filled with Cal-Sil								
									Interbeds of Sil grey				22.5																
					70	5			Cal-Sil & BK hornfels	Grey black	fine		23.3							Silica	Sulphide & Qtz fracture filling								
5		3	10		70				Skarn - garnet, epidote, Sulfide - diop.	Pistachio green	med.		23.8							Diopside	~ .55 WO_3	23.5		100%	52901		0.008	0.14	0.55-WO_3
				2	70	5	2		Black hornfels with minor calc silicate & interbeds of diopside & carbonate also has more silica rich portions	Black	fine grained		25.0								24.5 - 25.5 bleached zone								
												50°	27.5	85°	1	1				Silica Mica brittle	Sulphide development in Cal-Sil beddings, planes and within fractures.	26.5		95%					
																					Veining both parallel to	27.4		98%					
												62°	29.0								Beddings & across bedding	28.0							
																					Chlorite development along fractures	29.6		100%					

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 3 of 4

LOCATION: 4556852, 6121ON BEARING: ____ LATITUDE: ____ PROPERTY: Clez
DATE COLLARED: July 30, 1979 LENGTH: 161.75 m DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: M. Fock
DATE COMPLETED: Aug 5/79 DIP: 90 ELEVATION: ____ SCALE OF LOG: 1":100' DATE: August 2/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Hematite	Idocrase	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
													∠75	32.0										Small entrained xls ? spotted appearance of hornfels due to andalusite - well bedded								
														32.5																	
3				5	60	2				Interbeds - grn calc-sil & biotite Hornfels; Quite thinly bedded in place		fine grained	∠65			∠80°	Tr						Biotite silica		34.1		98%				
2			2		60	3				Grn calc-sil	Hgreen		∠65	35.0											39.4		99%				
				5	70	4				Interbeds of mainly blk hornfels with biotite (10%) Hornfels and calcsil (10%)	grey blk	fine grained	∠65°	37.5		∠45	1	TR.					Silica Biotite	more bleached units, tend to be calcareous. small qtz-mica dyke (calcareous?) Sulphides are fracture filling and parallel to bedding in sulphides also occur in pc's	35.7		100%				
					70	5				grn calc-sil. Rusty calcareous	Lt grey	med.	∠60°			∠20°									38.7		98%				
										Qm				40.0										FRESH for the most part - some mineral development. Flowers epidote	In some are... porphyritic							
1					70	5	2			Siliceous calc-sil interbedded w/ black Hornfels	grey black	med grained	∠55°	41.5					Tr						For the most part well bedded Spotted hornfels - andalusite Fractures are both qtz & calcite	41.75		100%				
														45.0		∠20°								filled	44.6		100%				

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 4 of 4

LOCATION: 455C8513, 612110N | BEARING: — | LATITUDE: — | PROPERTY: Clea
DATE COLLARED: Aug. 4, 1979 | LENGTH: 161.75m | DEPARTURE: — | CORE SIZE: BQ | LOGGED BY: J.M.M., M.E.
DATE COMPLETED: Aug. 5/79 | DIP: 90° | ELEVATION: — | SCALE OF LOG: 1:100 | DATE: August 2/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Tremolate	Idocrase	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
			Tr.							44.8 - 45.7 - Lt. grey tr. calcite calc. silicate.	Lt. gy to med grey		65	45				Tr.						Po occurs along beddwg								
			Tr/2%	2-4% B.						45.7 - 46.5 - Qtz - Monz. dike with associated calcite containing reaction rim.	Lt. gy to med. grey.		60 // 60 V 80 //				Tr fract.						Epidote alteration present in dike	Dike shows epidote - calcite reaction rim with calc. silicate.	47.9		100%					
										46.5 - 47.9 - calc. silicate.	Lt. gy																					
										47.9 - 50.4 - Mixed. qtz-diorite & calc. silicate (90% - 10%),	med grey.			50																		
			5-%		20					50.4 - 51 - epidote rich marble.	med.												epidote -	epidote rich marble - may be reaction zone to dikes.	50.9		99%					
			Tr-5%	- 25	75 70	10				51 - 54.2 = interc - sil calc. silicate & biotite hornfels (85% - 15%)	green med grey to dark.		65 V	52.5				Tr in calc silicate						Biotite, chlorite, epidote..	51 - f - biotite: w center of veins chloride - ep. outside.								
				f.						54.2 - 62.8 - Bik hornfels: interealated with med. grey hornfels (20% - 80%)	dark grey to black.	f. grain	65 V	55				Tr-1% in pods							Note transitional contact. Po is in pods but along bleached beds. and veins	53.9		95%					
			-	Tr. f.	90	Tr					med to dark grey	f.g.	75 V	57.5				Tr-1% in pods							Note Lt. grey siliceous veins bleaches med. grey hornfels. Note tr. felted biotite	57		98%					
				Tr-5%	90						dark grey	f.g.	65 V	60		50 V bleach		Tr to 1% in pods								60.0		100%					

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 5 of 11

LOCATION: 455685E, 6121ON | BEARING: | LATITUDE: | PROPERTY: Clea
DATE COLLARED: July 30/79 | LENGTH: 161.75. | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: J.M.M.
DATE COMPLETED: Aug. 5/79 | DIP: 90° | ELEVATION: | SCALE OF LOG: 1:100 | DATE: August 3/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz / calcite	Andalucite / Tremolite	Idocrase	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	sch.	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		% Cu	% WO3	ESTIMATED GRADE
				Tr.	90			Mixed blk & dark grey hornfels. ↓ ↓ ↓	med to dark grey	f.g.	65	60																			
												62.5																		
Tr-2%		Tr.		1% f.	85	Tr 2%		-62.8-71.2 - calc silicate 62.8-63.9 - vari-coloured sil. cale-silicate 63.9-65.0 -	mixed Lt. grey Lt. green Lt. red.	med grain	60													63.1		100%						
												65											Tr. diopside & biotite is very f.g. producing Lt. colours. 62.8 - ?S siliceous calc silicate								
Tr 30%		Tr 10%		Tr.	90 85.			mixed grey sil. cale-silicate and skarn (90% - 10%). 65.0-65.3 marble. 65.3-67.2 - skarn -	Dk green to Lt. Red	med. to coarse	65											skarn - diopside, garnet, felted biotite.	63.9-64.1 SKARN +SO4							
												67.5											65.3 - Diopside-garnet skarn. Beddwg.	66.1		100%	52907		0.002	0.13	0.80
																											52902		0.06	0.17	1.0%
0.5%		0-2%			+95			67.2-68.2 - marble with tr diopside skarn.	off white	coarse	60												evident. W WO3 67.2-68.2 SKARN W hi WO3							
																											52903		0.001	0.23	1.0%
40%		10%			50%			68.2-70.2 Skarn - bedded diopside-garnet skarn.				70											Beddwg is preserved W skarn. Garnet W pods, and	69.2		100%					
																											52904		0.003	0.15	1.1%
Tr			Tr.	Tr.	95 +90			70.2-71.8 - intere. Lt. grey sil. calc. silicate and Lt. grey hornfels. 71.8-72.7 - Dk grey hornfels. 72.7-74.2	Lt to dark grey. Dk grey	fine-med. med grain	40					Tr.						fine-dissem diopside, and/or epidote.	W Garnet lam. with some biotite ~1.1 WO3	72.2		100%					
												72.5																		
1%				10-15%	80			Biotite hornfels cut by at monz-dike 74.2-81.9-Qtz-monzonite dike.	Lt grey	med grain	70 70												Felted biotite is conc. related to bedding. Biotite is locally foliated.								
				10-15	15							75																		

SKARN DRILL LOG FORM NO. X774

GRID: UTM's

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 6 of 11

LOCATION: 455 685 E, 6121 0N BEARING: ___ LATITUDE: ___ PROPERTY: Clez
DATE COLLARED: July 30, 79 LENGTH: 161.75m DEPARTURE: ___ CORE SIZE: BQ LOGGED BY: J.M.M.
DATE COMPLETED: Aug. 5 / 79 DIP: 90° ELEVATION: ___ SCALE OF LOG: 1:100 DATE: Aug 3 / 79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Tremolite	Idocrase	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY ∠ TO CORE CONTACT	MINERALIZATION: PY	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				10-15 B f	15					~81.9 - Qtz monzonite dike.	med to Lt grey	med grain.		75							very little - is a fresh looking Rx.	dike is banded with variation w biotite books evident.	75.3		98%					
				10-15 B f	15						"	"	60 ∠	77.5 / 80									78.3		99%					
				10-15 B f	15					81.9 - 84.3 - Intere. Lt. grey to blk horn fels.	"	"		82.5								Note some biotization but Rx still hornfels. Biotite w beds & veins.	81.4		100%					
		?		2-5 f	85					(locally biotized). 84.3 - 92.7 Dk grey to blk	med to dark grey blk.		55 ∠	85							minor biotization		84.4		100%					
					+90					horn fels (30% Dk grey - 70% blk.)	med to dark grey.	f.g.		87.5		Tr						Note po w pods	87.5		99%					
					95							f.g.		90.		Tr.					much of Lt. grey hornfels due to bleaching near veins	associated with Lt grey hornfels.								

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: UTM's

HOLE No. C-79-2
SHEET No. 7 of 11

LOCATION 455685E, 6121ON BEARING: ____ LATITUDE: ____ PROPERTY: C1e2
DATE COLLARED: July 30/79 LENGTH: 161.75m DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: J.M.M.
DATE COMPLETED: Aug. 3/79 DIP: 90° ELEVATION: ____ SCALE OF LOG: 1:100 DATE: Aug. 4/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	calcite	And.	Trem.	Ilo.	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	Bi	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		% Cu	% WO3	ESTIMATED GRADE
			Tr to 5%	Tr	+95					Inter d mixed med grey & blk hornfels. -same.			50 ↘	90										90.5		100					
										↓ 92.7 - 93.1				92.5																	
Tr-3%			Tr	Tr	~80					sil. calc. silicate with minor (<5%) marble 93.1 - 94.4 -	Lt grey to Lt green	med grain	70 ↘									Weak f.g. diopside	skarn ~93.1-97 ~.1% WO3	93.6		100.	52905		0.001	<0.02	.1%
						Mixed marble and skarn. 93.1 - 93.7 -								95				Tr.														
5-30%	?	Tr-10%			50-90%			Tr.		Diopside-garnet-skarn. 93.7 - 96 - Biotite hornfels			50 ↘																		
Tr-3%				5-10%	80					96 - 97.3 - blk hornfels with tr. marble & skarn														96.6		98%					
0/20		Tr.			90					97.3 - 97.7 sil.				97.5				Tr					98.8. qtz-calc vein 1cm wide has assoc.								
						calc. silicate with some diopside																		breccia 97.3 - note Tr to 10% marble w. sil. calc. silicate								
			Tr-5%	~	Tr.					97.7 - 99.2 - chloritized monzonite dike	Lt grey to Lt green	med grained					Tr.						10-15% chlorite replaces mafics								
						99.2 - 101.9 - blk hornfels.								100											99.2	99.6		100%					
					+90					101.9 - 102.2.	Dk. grey.	f.g. e.g.						Tr				Po in pods along relic beds.								
		1-3%		~		Tr 40		25	5	mixed skarn and marble (			50 ↘																	
										102.2 - 108.8				102.5				5%				Note minor biotization	skarn is a chlorite							
					+90	Tr.			P 5%	blk hornfels. ↓ ↓ ↓ ↓	Dk grey to blk.		70 ↘					Tr				hote bleaching around veins.	Tremolite-garnet skarn with minor epidote ~.27 WO3	102.7		100%	52906		0.005	<0.02	0.27%
														105																

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 8 of 11

LOCATION: 455685E, 61210N BEARING: _____ LATITUDE: _____ PROPERTY: _____

DATE COLLARED: July 30/79 LENGTH: 161.75 DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: J.M.M.

DATE COMPLETED: Aug. 5/79 DIP: 90° ELEVATION: _____ SCALE OF LOG: _____ DATE: August 9/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	quartz	Cal. And	Trem Talc	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	sp	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
								to 108.8 - blk hornfels - same	med to dark grey.		11/20 70	105									note qtz-trem w veins. Larger pods of po. are assoc. with bleaching. Hornfels is locally spotted.	105.8		100%					
												107.5				Tr.													
0-25		Tr-10				70		108.8 - 40cm. of mixed marble and diopside garnet skarn. 109.2 - 112.7			70	110										108.8		100%					
								mixed blk and med. grey hornfels	med. grey to blk	f-g to m-g.	75	112.5										111.9		100%					
				0-20% f	70-90			112.7 - 116.5 Biotite hornfels. - mixed biotite hornfels and blk to dark grey hornfels.	Lt pinkish brown to dark grey.	fine silt to fine sand size	50	115				Tr.					Biotite alteration is strongly influenced by bedding	Locally note apalitic dikelets which ll bedding but locally cut and brecciate	114.9		100%					
				15 B.	10			116.5 - 15cm of biotite qtz monzonite dike 116.7 - 119.5			50	117.5			Tr.						very fresh l.Hle alt.	hornfels.							
				0-10 f 10-15	70-90+ 15	Tr.		mixed blk hornfels and biotite hornfels. 119.5 - 120.4 Biotite qtz-monzonite dike.	blk to dark grey to dark pinkish brown		60	120				Tr. Tr.					note high felted biotite xenoliths	117.6 - 7cm of calcite. Locally note biotite alt. w blk hornfels with new bleaching Tr. hornblend.	118		100%					

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 9 of 11

LOCATION: 455685E, 6121ON BEARING: ____ LATITUDE: ____ PROPERTY: Clez
DATE COLLARED: July 20, 79 LENGTH: 161.75m DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: J. mm.
DATE COMPLETED: Aug 3, 79 DIP: 90° ELEVATION: ____ SCALE OF LOG: 1:100 DATE: August 4/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	qtz	cal	And.	Trem	Talc	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		ASSAY RESULTS: %		ESTIMATED GRADE
																											Cu		Cu		
				0-25% f	40-90					120.4-126.6 Biotite hornfels mixed with L 40% blk hornfels; 121.7-31 cm. monzonite sill	med grey to blk to pinkish brown		65	120 / 122.5				Tr							121.0		100%					
								10%		122.9-123.6 biotitic qtz monzonite; 124.4-6cm of biotitic qtz monzonite			70 / 60	125									Note tr epidote alt in qtz monzonite 5-10% tremolite	123-note 2cm xenolith w dike. Note some qtz veins assoc. with dikes.	124.1		100					
				0-35% f						124.4-126.6 Biotite hornfels with 40% grey to blk hornfels.	Dark grey to		70 / 80	127.5											127.1		100					
				15-20% B.						126.6.-131.1 Biotitic qtz monzonite equigranular				130			Tr.							Note 2-5% hornblend.								
				15-20						131.1-133.5 Porphyritic qtz monzonite				132.9										Contact is gradational. Note biotite	130.2		100.					
				patches				Tr		133.5-133.85 chlorite altered equigranular qtz monzonite; 133.85-133.9 Porphyritic qtz monzonite	med to dk green			135									Tr. epidote in veins. Locally	and minor hornblend. occur w clots Alkali feldspars up to 2cm long. ½ cm across	133.2		100					

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: UTM's

HOLE No. C-79-2
SHEET No. 10 of 11

LOCATION: 455685E, 61210N | BEARING: | LATITUDE: | PROPERTY: Clez

DATE COLLARED: July 30/79 | LENGTH: 161.75 m | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: M.F.

DATE COMPLETED: Aug 5/79 | DIP: 90° | ELEVATION: | SCALE OF LOG: 1:100 | DATE: Aug. 6/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
									135								Local chlorite + epidote alteration (green appearance) rock.	A few small & isolated ACS aggregates ranging from .5-2cm in diam	136.2		98%					
									137.5																	
									140										139.2		100%					
									142.5										142.3		96%					
					140.9 - 145.05 Porphyritic Q. rhyolite	med grey	fine grain		145.																	
					145.05 - 156.8 Porphyritic Q. rhyolite	red grey	red grain		147.5								silica	A few small vugs OK Hornfels also contain pinnacyl? & AlkZrSi Halotype	145.4		98%					
									150										148.4							

SKARN DRILL LOG FORM NO. X774

GRID: UTM)

CANEX PLACER LIMITED

HOLE No. C-79-7
SHEET No. 11 of 11

LOCATION: 455685E, 6121N BEARING: ____ LATITUDE: ____ PROPERTY: Clea

DATE COLLARED: July 30/79 LENGTH: 161.75m. DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: M.F

DATE COMPLETED: August 5/79 DIP: 90° ELEVATION: ____ SCALE OF LOG: 1:100 DATE: Aug 6/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
								152.5											151.5		100 %					
								155.											154.5		100 %					
					156.5 – 157.85 fine-grained Qtz Porphyry			157.5																		
					157.5 – 161.5 Med. Grain Porphyritic Qtz	med grey	med grained	160.									Rock chlorite Epidote									
								162.5											162.6		100 %					
					EOH			163.7											163.7		100 %					

SKARN DRILL LOG FORM NO. X774

UTMS
GRID: NTS

CANEX PLACER LIMITED

HOLE No. C-74-1
SHEET No. 1 of 10

LOCATION: CLEA VALLEY | BEARING: | LATITUDE: 61 235N | PROPERTY: CLOZ
DATE COLLARED: AUG 8/79 | LENGTH: 150.8 m | DEPARTURE: 456 235E | CORE SIZE: BQ | LOGGED BY: MP
DATE COMPLETED: AUG 11/79 | DIP: 90° | -72° | ELEVATION: | SCALE OF LOG: 1" = 10' | DATE: Aug. 9/79.

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Hornfels	Idocrase	ROCK TYPE	COLOUR	TEXTURE	√ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY · RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
														2.5																	
2			2	20	70	2				2.6-5.4 Interbedded Biotite Hornfel (60%) with black hornfels 30%, and impure siliceous calc-sil (10%) Unit has highly contorted bedding	Brown Black	fine grained	45°	5.0		62°	Tr	Tr			Biotite Silica	Bands of pyrite mineralization recrystallized Bo - occurs in veins + along cleavage planes "intrabeds ~ 50% of unit	5.2		98%					
9			5	20	70	5				5.4-19.85 Well bedded Interbed Biotite hornfels (45%) siliceous calc-sil. (40%) and black hornfels 15%) Beds ~ 1-2cm thick	brown grey	Fine - med.	48°	7.5		50°		1				Black hornfels where it occurs is thinly bedded to massive in part bedded. Siliceous cal sil occurs as lenses and disrupted by med grey (Bo) qtz								
														10.0										2.7-9.9 epidote alteration Where fractures occur bleaching trends outward tendency to prevail med grey ~1 cal unit 2cm Zones of calcareous	8.2		98%					
														12.5		30°									11.3		95%				
										Note the thickness of beds decreases towards the end of the unit 14.85 - 15.3			45°	15m									3.2-13.5 SKARN? Tuffaceous?		14.3		100%				

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: _____ HOLE No. _____ SHEET No. 2 of _____

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: Clem

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: BQ LOGGED BY: M.F

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: 1" = 10' DATE: Aug. 9/74

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	TREMO-ACT.	IDOCRASE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		ASSAY RESULTS: %		ESTIMATED GRADE
																												Cu		Cu		
					70	5				Quartz-calcsilicate vein	white	med	90°	6.3				1						Highly contorted							
			>1	20	70	2				15.3–18.8 Interbedded Biotite hornfels and light grey Hornfels (50–50)	grey-brown	fine	60° / 55°	17.5		30°						Biotite / Silica	Quite thinly bedded ~.05 m thick. minor very ~ 1/8" indiscrim carbonate-calcite	17.1		95%				
													60°	18.8																		
5		5	5		70	2				18.8–20.2 silicate-silt.	med green	med		20.0				Tr					Silica / Diopside	Highly contorted unit							
				20	65					20.2–21.4 Interbed Biotite hornfels & spotted lt grey hornfels	grey brown	fine	70°	20.2 / 21.4		40		Tr					Biotite	Well bedded - mainly in assay	20.1		95%				
2			2	15	70					21.4–21.9 well bedded BK/lt grey & Biotite Hornf (45–25–35) Calc silt	grey brown	fine		21.9				Tr					Biotite – Silica								
				20	70					Biotite & lt grey hornfel	grey brown	fine		22.5																		
										22.5–24.95 Interbedded Biotite (45) BK (20 + lt grey Hornfels (50) with minor disp/tech silt-calcsil bed	grey brown	fine	65°					1					Silica / Biotite	BK hornfels is apparently thinly bedded to occasionally massive, plus cleavage-fracture-vein bysmall calcite veins 24.3–24.5 disp/tech silt/calsil	23.2		100%				
				20	70					24.95–25.7 Interbedded Biotite & lt grey hornfels	grey brown	fine	50°	25.0		60							Biotite	Bedding is initially thinly sl/contorted, later it becomes more massive no access							
														25.7																		
5		3	2	5	70	5				25.7–26.5 silt with minor biotite & lt grey hornfels	med green	fine		26.5				1					Diopside	mostly contorted calc-silicate composition with zoning apparent	26.2		100%				
										26.5–27.6 Interbed lt or biotite hornfels	grey brown	fine	65°	27.6				Tr					Biotite	Thinly bedded at ends of unit, but massive over most of interval							
2		2	2		70	2				Silicate-silt. BL HORNFELS	med green / bk.	fine				40		Tr					Silica	cut by fracture-vein with biotite selvage-alteration of calcsil bands							
										Interbedded Biotite & lt grey hornfels with minor bk or								1					Biotite		29.3		100%				
2		2	2	5	70	2				30.0–30.0 Silt/calsil with minor biotite hornfels	med green	fine	65	30.0									Diopside	Bedding cut by fracture trend 35°							

SKARN DRILL LOG FORM NO: X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C-793
SHEET No. 3 of ____

LOCATION: ____ BEARING: ____ LATITUDE: ____ PROPERTY: Clez

DATE COLLARED: ____ LENGTH: ____ DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: M.E

DATE COMPLETED: ____ DIP: ____ ELEVATION: ____ SCALE OF LOG: 1:100 DATE: 9/8/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andradite	Tremolite	Idocrase	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
				15	70	2				30.00 – 33.2 Interbedded biotite & light grey hornfels (60 – 40)	brown grey	fine grain	65			60	Tr	1				Biotite	Basalt 12m thick. Cut by numerous fractures that display bleaching & carry epidote								
														32.5																	
										33.2 – 34.7 sil – czl sil.	light green	fine				40°		1				Diopside	some biotite in beds mainly massively bedded, semi-sil cut by Po occurs along fractures & pervasive bed.								
										34.7 – 43.3			65	35.0																	
				20	60	2				Interbedded biotite & light grey hornfels with minor thin bands of black hornfels (basalt)	brown grey	fine		37.5								Biotite	some light grey hornfels are semi-sil calcareous banding parallel to core 36.6 thinly bedded & contorted	38.4		100%					
													75°	40.0		25°							36.1 qtz vein, 2 cm thinly bedded unit 38.9 thin fracture bedded to core	38.4		100%					
														42.5										41.5		100%					
										sil-czl sil 43.3-43.7	light green	med		43.3		40						Diopside	contorted bedding								
										43.7 – 45 Interbedded biotite hornfels (60) and med grey hornfels (35)	brown grey	fine		45.0										44.5		100%					

SKARN DRILL LOG-FORM NO. X774

CANEX PLACER LIMITED

GRID: _____ HOLE No. C-79-3
SHEET No. 4 of ____

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: CK-
DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: BQ LOGGED BY: M.F
DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: 1" = 100' DATE: _____

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE		ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cu		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER		% Cu		ESTIMATED GRADE
2		>2	1		65	2		Asp - 45.5 silicified skarn 43.3 - 43.5	med green	med	70					1					Diop	skarn = epidote Po								
				10	70			Lt grey BK + Biotite hornfels 20	BK-grey	fine	80°			50	Tr	1.					Silica	bedding disrupted by fractures Po along bedding								
2		>2	1		70			45.0 - 45.5 Sil Cal Sil Skarn 46.6 - 46.1			75°										Diopside	skarn = Diop, Ep. Po along comp bands								
				15	70	2		46.5 - 47.6 Interbed Bic. (45) Biotite 20 light grey (20)	BK-brown	fine	70°	47.5		90°								mineral cal sil	47.5		100%					
				20	70			47.6 - 49.8 Biotite + Lt grey Horn			55°										Biotite	mainly massive bedded cut by fractures which cal and biotite change from lt grey to biotite appears to be gradational								
1			1		70			49.8 Sil Cal Sil	Lt green			500									Diop	Epidote replaced								
								50.0 - 53.6 massively bedded Biotite & Lt grey Hornfels						55°							Biot.	fractures filled w/ calcite. Lt grey hornfels tends to be calcareous	50.9		100%					
												525																		
											60°																			
2		2	2		70	5		50.6 - 54.3 SKARN	med green	med.						2					Diop	Diop, epidote rock Bic 40B rock + Po vein 40°	53.9		100%					
				20	70			54.3 - 55.5 Interbedded biotite & Lt grey hornfels (60-40%)				55.0																			
3		2	3		70	3		55.5 - 56.5 Sil Cal - Sil	lt green	fine	70										Diopside	compositionally banded								
>1			>1	15	70	2		Biotite & med grey hornfels w/ minor interbed Sil Cal Sil													Biotite		57		100%					
3			1					SKARN - Diopside - Po				57.5																		
				20	70			57.5 - 59.3 Biotite BK & med grey Hornfels	grey brown	fine	60					Tr Tr	Tr					Biotite Silica	Well bedded Biotite is massively bedded								
3		2	2		70	2		59.3 - 60 Sil - Cal - Sil - diopside rich minor skarn	med			60.0		30		2					Biotite	Po in fracture	60.0		100%					

SKARN DRILL LOG FORM NO. X774

GRID: NTS

CANEX PLACER LIMITED

HOLE No. C-79-2
SHEET No. 5 of

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: Clez

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: BQ LOGGED BY: M.P

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: 1:100 DATE: Aug. 10

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	TREMOLITE	HORNBLENDE	ROCK TYPE	COLOUR	TEXTURE	√ TO CORE FOLIATION	FOOTAGE	LITHOLOGY	√ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				15	70					50-60.3 BIOTITE (60) LT GREY Arnor 30% Dark grey/Hornfels	grey-brown	fine	55°				TR					BIOTITE	fractures & rec'd healed mainly arrasive, fine breccia, thinly bedded	1							
				20	65					60.3-62.5 Massively bedded biotite hornfels with minor <5% LT grey Hornfels	brown	fine	60°	62.5		25°	TR					Biotite	massively bedded								
				20	70					62.5-63.6 Interbedded biotite (45%) LT grey (30) & black (10) hornfels	brown-black	fine																			
										63.6-64.5 Interbedded biotite (45%) LT grey (30) and siliceous calc-silicate (10)	brown-black	fine	50°			45°						Biotite	Core is broken & fractured (rec'd) healed fract. but because of it minerals transition LT Grey	63.1		100%					
1			1		70	2				64.5-66.1 Interbedded LT grey (20) and siliceous calc-silicate (60)	green grey	fine	70°				TR	TR				Silica								
				20	60					66.1-66.7 BX BIOTITE HORNFELS	DK-BROWN	FINE																			
					70	2				66.7-69.3 SI CALC SILICATE LT GREY HORNFELS	green grey	fine		65.6			TR						& occurs intermixed								
>1			>1	20 10	70	2				69.25 69.3 Interbedded biotite (40) BX hornfels & LT grey (30) hornfels with minor calc-sil sil (60)	grey brown	fine	60°	67.5		75°	TR	TR				Biotite Silica	66.1 = ormolite dike contact @ 75° 68 ormolite dike contact @ 40° 66.7-68.25 silicate sil (60) 67.25 Biotite hornfels intrusive	66.1		100%					
													75°			40°							fractures contain Po + calcite	69.2		100%					
										69.3-70.0				70.0								Local chlorite and sericite								
										Gyr granular Qm Dyke													contains window of Biotite Hornfels fracontact = 60° localized content fracture filling parallel to also along bedding planes								
1			1	5	70	2				70.0-72.1 Silicate sil (50) 80% with minor BX (10) and Biotite hornfels (10)	green	fine	50°	72.5		45°	TR	TR						72.2		100%					
										72.1-74.2 Interbedded Biotite (30) Black (30) and LT Grey (40) Hornfels Silicate sil (20%)	brown black	fine	90°			100°	TR					Silica Biotite	Fractures disrupt bedding BX occurs along bedding structures								
										74.2-77.5 Interbedded LT grey (70) BX (10), Biotite (10) &			90°	75.0									Well bedded at the outset, then bedding becomes								

CANEX PLACER LIMITED

GRID: _____ HOLE No. S-74-3 SHEET No. 6 of ____

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: Clea

DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: BQ LOGGED BY: M.T

DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: 1:100 DATE: Aug. 11/74

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Trems	Idu	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
										Sil cal sil. (10)			50°											somewhat indistinct, followed by change in bedding	75.3		100%					
>1			>1	5	70	2					grey	fine						1P	Tr.				± Biotite & Diop	Po in fractures, bedding & pods								
													30°	77.5		50°																
										77.5 - 92.4 Sil. cal sil Tr Bt (90%) with minor lt grey hornfels (5%) Biotite (3%) + Black (>1%)													Unit is somewhat calcareous - fractures common Po occurs bedding concordant bleaching along fractures. Biotite & Lt grey Hornfels occur as								
2		>1	2	>4	70	2					light green	Medi				45°			1	Tr			Diopside		78.3		100%					
														80.0																		
																								irregular inclusions Biotite Hornfels show irregular bedding.								
													60°											BIAS irregular @ 10° axis.	81.9		100%					
														82.5																		
				10	70	1				82.5 - 83.1 Interbedded Lt grey (60) BK (20) Biotite (15) and sil cal sil (5)	Lt grey	fine	60°			65°																
1										83.1 - 83.8 Lt grey BS Sil cal sil 25 and Biotite Hornfels 10	Lt grey	fine	60°					Tr														
				10	70					83.8 - 84.6 Interbed BK 60 + BIO (40)	Brown black	fine				85°		1					Po occurs in pods	84.6		100%					
										84.6 - 88.0 Biotite (49%) Lt grey (49%) BK hornfels (2%)				85.0		50																
				25	60						brown grey	fine				38°			1	Tr			Biotite	massive bedding near end of section note occurrence BK Hornfels Biotite merges into light grey Hornfels								
														87.5		30°									87.5		100%					
										88 - 95.4 Interbedded BK (60) Biotite (30) and Lt grey (10) Hornfels													Bedding is mainly massive								
														90.0																		

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: _____ HOLE No. C-79-3 SHEET No. 2 of ____

LOCATION: CLEA VALLEY BEARING: _____ LATITUDE: 61235N PROPERTY: Clea

DATE COLLARED: AUGUST 1/79 LENGTH: _____ DEPARTURE: 456235E CORE SIZE: BQ LOGGED BY: M.F

DATE COMPLETED: AUGUST 11/79 DIP: 90° ELEVATION: _____ SCALE OF LOG: 1"=10' DATE: Aug 11/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	TREMO-TOURMALINE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
												80°	92.5			1	2	Tr				silica	91.3-91.5 thinly banded with interbedding								
															75								Po also occurs in pods & along fractures	53.6		100%					
													95.0		70								95. qm dyke (contact @ 55°) 95.2 qm dyke (1m)								
				15	65				92.4-95.8 BIOTITE & LT GREY HORNFELS	LT GREY	FINE	55°	20°										BIOTITE								
									95.8-97.2 Equigranular Qm.	grey-grey	med										chlorite	Some disseminated sulfides	76.6		100%					
									97.2-99.3				97.5																		
				10	60	2			mainly lt grey hornfels (BG) with minor BK (40) 2nd Biotite Hornfels	grey	Fine				60		Tr				Biotite	97.8 cut by Qm dyke 55° contact & .3m thick 98.6 another Qm dyke .15m thick 65°								
				20	50	TR			99.3 LIGHT GREY ~~MUSCOVITE HFLS~~ PROBABLY BIOTITE HFLS THAT HAS BEEN ALTERED TO MUSCOVITE. 5-10% INTERBEDDED BIOTITE HFLS	GREY	MED. GRAINED FLAKEY XTALLINE	75	100.0										BIOTITE	- bedding decomposed by Qtz vein 99.7'	99.7		100%					
																						MUSCOVITE SILICA	unit begins w/ minor lt grey hornfels interbed; intrusive appears Py & Py along Siliceous Beds SLIGHT CHLORITIZATION								
									30% Musc			68° 75°	102.5 105.0			1	5						TINGE FROM CHLORITE.	102.7		100%					

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C-79-3
SHEET No. 1 of ____

LOCATION: CLEA VALLEY | BEARING: ____ | LATITUDE: 61235N | PROPERTY: Clea
DATE COLLARED: AUG 1/79 | LENGTH: 1 | DEPARTURE: 456235E | CORE SIZE: BQ | LOGGED BY: ____
DATE COMPLETED: AUG 11/79 | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1" = 10' | DATE: Aug 11/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	AMPHIBOLE/TREMOLITE	IDOCRASE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: Cu %	ASSAY RESULTS: Zn %	ASSAY RESULTS: Mo %	ESTIMATED GRADE
TR				20	50	TR			BIOTITE - MUSCOVITE HFLS. APPEAR LIKE A BIOTITE HFLS PARTIALLY ALTERED TO MUSCOVITE HFLS	DK GY.	FLAKEY COARSE CRYSTALLINE	/55	107.5			2	5				MUSCOVITE BIOTITE	SEVERAL QTZ-PO VEINS ACROSS Bedding.	105.8		100%					
									80% MUSC - PO SOME BIOTITE HFLS MANY QTZ. Pb VEINS.				110.0									108.8		100%					
					10				MUSCOVITE CONTENT HIGHER NEAR QTZ VEINS. ALTERATION HAS DESTROYED MUCH OF THE BEDDING.			/40 /50 /50	112.5			Tr	2						111.9		100%					
													115.0								Muscovite	113.8-114.6 QTZ-Pb VEIN.	114.9		100%					
					10							/40	117.5													52926	0.	0.02	0.04	
5		1	5	5	60	10	5			green grey	med.	/60	120									117.5-118.4 QTZ Pb VEIN	118		100%	52927		0.02	0.02	
																										52928		0.02	<0.02	

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. ~~C-79-3~~
SHEET No. 9 of 10

LOCATION: CLEA VALLEY | BEARING: ___ | LATITUDE: 61235N | PROPERTY: Clea
DATE COLLARED: ____ | LENGTH: ____ | DEPARTURE: 456235E | CORE SIZE: BQ | LOGGED BY: ____
DATE COMPLETED: AUGUST 11/79 | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: Aug 11/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Andalusite	Tremo	Idocrase	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: % Cu	ASSAY RESULTS: % WO3	ESTIMATED GRADE
				20	50					BIOTITE MUSCOVITE HFLS: 30% MUSCOVITE TR CHLORITE	BUFF GREY	Med Grd xtalline		120			1	5	Tr			muscovite BIOTITE	Quartz veining disrupted bedding 120-120.4 - QTZ. CALCITE. Po vein	121.0		100%	52929	0.01	<0.02	
																											52930	0.02	<0.02	
										Bedding indistinct				122.5													52931	~~0.01~~	~~<0.02~~	
																							123.2-123.9 QTZ-Po RICH ZONE. may also be part of A GRANITE DYKE				52932	0.01	<0.02	
														125.0										129.0		100%	52933	0.01	<0.02	
																							ROCK APPEARS TO BE PARTLY GRANITIZED.				52934	0.01	<0.02	
													LV														52935	0.01	<0.02	
														127.5										127.1		100%	~~52936~~	~~0.01~~	~~<0.02~~	
																											52937	0.01	<0.02	
														130										130.1		100%	52938	0.01	<0.02	
																											52939	0.01	<0.02	
									132.6					132.5																
										QUARTZ MONZONITE DYKE														133.2		100%				
									134.2																					
				20	50					BIOTITE HFLS SOME MUSCOVITE	BUFF	Xtalline		135			1					BIOTITE MUSCOVITE	134.6-.85cm QM. VLL							

SKARN DRILL LOG FORM NO. X774

ALTERATION

CANEX PLACER LIMITED

GRID: ____

HOLE No. C79-3
SHEET No. 16 of 16

LOCATION: CLEA VALLEY
DATE COLLARED: ____
DATE COMPLETED: AUG 11/79

BEARING: ____
LENGTH: 150.8 m
DIP: -90°

LATITUDE: 61235 N
DEPARTURE: 456,235 E
ELEVATION: ____

PROPERTY: CLE
CORE SIZE: B.Q
SCALE OF LOG: 1:100

LOGGED BY: DMK
DATE: AUG 16/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ			ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	FOOTAGE	GRAPHIC LOG LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
				30	50		135.4	BIOTITE NEIS SOME MUSCOVITE ALTL QUARTZ MONZONITE INTRUSIVE	GREY	XTALLINE Med.		135				1				BIOTITE MUSC.	135 - 10cm QMS VG	136.2		100%					
												137.5																	
								Becoming PORPHYRITIC AT 136 MA.				140									139.2 - FRACTURE ZONE FOR 10cm CONTAINING TOURMALINE AND MUSCOVITE	139.3		100%					
												142.5										142.3		100%					
												145																	
																						145.4		100%					
												147.5																	
																						147.8		100%					
												150																	

150.8 100%

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. C-74-4
SHEET No. 1 of 2

LOCATION: OMO VALLEY
DATE COLLARED: AUG 12/79
DATE COMPLETED: AUG 15/79
BEARING: _____
LENGTH: 102.7m
DIP: -90°
LATITUDE: _____
DEPARTURE: _____
ELEVATION: _____
PROPERTY: CLEA
CORE SIZE: BQ
SCALE OF LOG: 1:100
LOGGED BY: JMK
DATE: AUG 16/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	TREMOLITE	ACTINOLITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
														0																	
														2.5																	
									CASING TO 3.3m																							
				15	70	TR.				well bedded BLACK HFLS. Beds about 5cm thick with Po+Py	BLACK	F. GRNP well bedded	35				2-5					SILICA BIOTITE									
														5.0																	
										about 1cm thick as interbeds Some minor BIOTITE HFLS INTERBEDS BIOTITE HFLS			50										5.9-6.5 - white siliceous CS Bed.	5.2		100%					
													30	10.5																	
										~~FORMS SOME~~ INTERBEDS instead OF SULPHIDES Some grey HFLS OR siliceous calc silicate Beds. interbedded			45											8.2		100%					
													35	10.0																	
													30										10.3 - THIN. GREY CS Bed		11.3		100%					
													25	12.5																	
													30																		
													30	15									14.0-14.8. GREY SILICEOUS HFLS Bed.		14.3		100%					

SKARN DRILL LOG FORM NO. X774

CANEX PLACER LIMITED

GRID: ____

HOLE No. C79-4
SHEET No. 3 of 7

LOCATION: OMO VALLEY | BEARING: ____ | LATITUDE: ____ | PROPERTY: CLEA
DATE COLLARED: AUG 12/79 | LENGTH: 102.7 m | DEPARTURE: ____ | CORE SIZE: BQ | LOGGED BY: JMK
DATE COMPLETED: AUG 15/79 | DIP: -90° | ELEVATION: ____ | SCALE OF LOG: 1:100 | DATE: AUG 16/79.

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	AMPHIBOLE	IRON-OX. INCREASE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	GRAPHIC LOG LITHOLOGY	GRAPHIC LOG TO CORE CONTACT	MINERALIZATION py	po	cpy	sp	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu	Sn.	% Cu	WO3	ESTIMATED GRADE
				15	75	TR			BLACK HFLS FINE GRAINED well bedded in bedding PLANES - Po, Py AND BIOT + FLK	BLACK	BANDED FGRND	/25	15			2	5				SILICA BIOTITE									
												/20	17.5										17.4	100%						
									some interbedded calc silicate with Po up to 20% cs beds.			/30	20									19.8 - cs bed contains trace WO3								
												/30											20.4		100%					
												/30	22.5																	
												/20	25										23.5		100%					
5				10	80	5		2.5	SILICEOUS CALC SILICATE	WHITE GREY		/30	27.5										26.5		100%					
25		5	5	10	50	5		TR	DIOPSIDE QUARTZ GARNET CHLORITE SKARN	GRNSH	med grnd	/40					TR				DIOPSIDE	SKARN IS mineralized with scheelite				52951	.001	27.5	0.02	0.3% WO3.
												/50											29.6		100%	52957	.001		0.02	
5		5		1	20	40			MARBLE				30									Some SKARN						29.6		

SKARN DRILL LOG FORM NO. X774

GRID: UTMS

CANEX PLACER LIMITED

HOLE No. CM-4
SHEET No. 3 of 7

LOCATION: OMO VALLEY
DATE COLLARED: AUG 12/79
DATE COMPLETED: AUG 15/79
BEARING: --
LENGTH: 102.7 m
DIP: 90°
LATITUDE:
DEPARTURE:
ELEVATION:
PROPERTY: CLEA
CORE SIZE: TS.6
SCALE OF LOG: 1" 100
LOGGED BY: JMK
DATE: AUG 17/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDRADITE FROM ACT	IDOCRASE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		% Cu		ESTIMATED GRADE
5	10	5			15	60		TR	MARBLE 5% Cs Beads 10% wall SK.	white	irregular	0° / 50 / 35°	30				TR					stream	30.2 - 5cm Po & WO2 WO3. 30.8 - 5cm SK cmt TR WO3 31.1 - 5cm SK cmt 5% WO3 31.4 Dy-Pb dike	32.6		100%					
									marble for the most part it is sugary textured			/ 20 / 40	35																				
													37.5										33.4 - 35.05 Dy-Pb dike	35.7		100%					
													40										38.2 - 38.4 Dy-Pb dike	38.7		100%					
													42.5											41.8		100%					
									↓			35°	45		/ 25°							fractures show silicate envelope (diopside)	42.2 - 43.65 well fractured Epidote stain along fract. 43 - 44.5 strong pale Dy								

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C79-1
SHEET No. 4 of 7

LOCATION: OMO VALLEY
DATE COLLARED: AUG 12/79
DATE COMPLETED: AUG 15/79
BEARING: ____
LENGTH: 102.7 m
DIP: -90°
LATITUDE: ____
DEPARTURE: ____
ELEVATION: ____
PROPERTY: CLEA
CORE SIZE: BQ
SCALE OF LOG: 5" : 100'
LOGGED BY: M.F.
DATE: AUG 19/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	QUARTZ	CALCITE	ANDALUSITE	TREMOLITE	IDOCRASE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu	SAMPLE NUMBER	% Cu	%	ESTIMATED GRADE
														46.0				tr					CS 30% garnet, Diop wollast. with patches of epidote & veins	45.4		100%					
					70	5				DK GREY HORNFEL 46-46.8 unit contains 15% bleached bands Lt grey horizons	GREY BLACK	Fine	60°								Silica	very sulphide rich bed; 1cm dissem py 2cm - 15% py								
1				10	70					46.8-47.9 CS																						
										47.9 - 46.74			35°	47.5								Silica	sulphide rich beds								
					70		5			DK GREY HORNFEL Intense development of 2 rd silicate XLS	GREY BLACK	Fine	55°			75°	1	tr				Silica	48.5-48.8 LT GREEN HORNFELS Po rich Altered dk fine tuff development of PO along fracture & bed.	47.9		98%					
2		2	tr							49.74 - 50.0				50.0								DIOPSIDE	Diop, Epidote garnet veins & alteration								
										50.2 - 50.9 HORNFELS	BLACK	FINE	40°									Silica	50.5-50.8 FELDSPAR Stringers Diop minerals ext. into	50.9		98%					
22		72			60	2				50.1-51.5 CS.	LT GREEN	FINE																			
					70					51.5-52.2 DK HORNFELS well bedded	BLACK	FINE				75	2					Silica								
										52.2-54.7 CS MARBLE (Grey and white 30% garnet 10% Si cal silicate etc).				52.5										52.2-52.7 well bedded Po & garnet								
22	21	21		2		5	2				GREY LIMEY	FINE GRAIN	50°									Diopside Silica	52.6-53.9 Diop, Po ~1% MoS2	53.9		98					
										54.7 - 94.75				55.0																	
22				25	70					Interbeds of Si cal sil 60 Brown hornfels 20 LT GREY HORNFELS 40%	LT GREY	med-fine		57.5								Muscovite alteration found in the light	sulphides occur both within bedding planes, and along fractures								
											green	Fine		60.0		250						Grey hornfels	some Py & Po veins apparent	59.4		98%					
																									W.O		95%				

SKARN DRILL LOG FORM NO. X774

GRID: _____

CANEX PLACER LIMITED

HOLE No. C-79-4
SHEET No. 5 of 7

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: Clea

DATE COLLARED: Aug 12/79 LENGTH: 102.8 DEPARTURE: _____ CORE SIZE: BQ LOGGED BY: MF

DATE COMPLETED: Aug 15/79 DIP: -90° ELEVATION: _____ SCALE OF LOG: 1:100 DATE: 19/8/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: LITHOLOGY	GRAPHIC LOG: ∠ TO CORE CONTACT	MINERALIZATION: py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER		ASSAY RESULTS: % Cu		ESTIMATED GRADE
																							Cu		Cu		
						grey green	med fine	/30°	62.5								Biotite muscovite Diopside	LT GREY (MOSTLY FELSIC MIN. SERICITIZED PLAGIOCLASE (muscovite) - only minor trace of py Ir > .001	61.3		100%					
									65.0		/30°								63.4		95%					
								/35°			/80°								66.1		100%					
								/45°	67.5																	
								/30°	70.0										69.2		96%					
								/30	72.5										72.2		100%					
						↓	↓	/30°	75.0		/45 80						↓										

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. C79-9
SHEET No. 6 of 7

LOCATION: Omer Valley BEARING: ____ LATITUDE: ____ PROPERTY: Clez

DATE COLLARED: Aug. 12/79 LENGTH: 102.8 DEPARTURE: ____ CORE SIZE: BQ LOGGED BY: M.F

DATE COMPLETED: Aug 15/79. DIP: -90° ELEVATION: ____ SCALE OF LOG: 1:100 DATE: 19/8/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	ROCK TYPE	COLOUR	TEXTURE	TO CORE FOLIATION	GRAPHIC LOG FOOTAGE	LITHOLOGY	TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc	ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
						grey grad	med - fine	/20°	77.5								Silica Brittle muscovite Diopside	Brittle layers are screened & coarse grained	75.3		95%					
								/25	80.0		/26								78.3		100%					
									82.5									Sulphides appear mainly as Po and minor cpy along bedding & within fracture	81.4		95%					
								/20	85.0		/20°							Bedding is poorly developed - disrupted	84.4		100%					
								/350	87.5										87.5		100%					
								/40° /350	89.25 90.0									Bedding is well developed.								

SKARN DRILL LOG FORM NO. X774

GRID: ____

CANEX PLACER LIMITED

HOLE No. S-79-4
SHEET No. 7 of 7

LOCATION: Omo Valley | BEARING: - | LATITUDE: | PROPERTY: Clen
DATE COLLARED: 12/8/79 | LENGTH: 102.8 | DEPARTURE: | CORE SIZE: BQ | LOGGED BY: M.F.
DATE COMPLETED: 15/8/79 | DIP: -90° | ELEVATION: | SCALE OF LOG: 1"=50 | DATE: 19/8/79

DIOPSIDE	WOLL.	GARNET	EPIDOTE	BIOTITE	Quartz	Calcite	Actinolite	Tremolite	Idocrase	ROCK TYPE	COLOUR	TEXTURE	∠ TO CORE FOLIATION	FOOTAGE	LITHOLOGY	∠ TO CORE CONTACT	MINERALIZATION py	po	cpy	bn	cc		ALTERATION	REMARKS	FOOTAGE BLOCKS	COMPOSITES	ESTIMATED CORE RECOVERY %	ASSAY RESULTS: SAMPLE NUMBER Cu		% Cu		ESTIMATED GRADE
													/20°			/35°									90.5		100%					
													/35°	92.5											93.0		100%					
										92.5-102.8 Aplite				93.0										Rock begins								
										Qm	LT Green rock			97.5									chlorite	20 an zone and grades towards Qm. @ end of hole rock is 20	96.0		100%					
														100.0										equigranular Qm.	99.1		98%					
														102.5																		
										E O H.				105.0										E O H	102.8		100%					

SKARN DRILL LOG FORM NO. X774