93B/9W
93B-6,7,12,13

014141

12 Aug 1971,

Dept of Mines & Petroleum Resources,
Victoria B.C.,
Attn. Dr. A. Sutherland Brown.

Dear Dr Sutherland Brown;

Here are the logs for the holes which are in the tailings pond area, namely M.L.C Nos 5, 6, and 7.

If you require further information please let us know.

2444

Yours truly,

Bob

Robert J. Young.
Geologist: Gibraltar Mines Ltd(N.R.)

93B007

DEPT. OF MINES
AND PETROLEUM RESOURCES
Rec'd AUG 16 1971

SIL
ASS

PROPERTY FILE

For QD.
all 300':
> ASSAY 0.02 Cu
MOST TR TO 0.01

BOX 130
McLeese Lake
B.C.

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. MAC-5
SHEET No. 1 of 5

LOCATION Mackenzie Lake Section | BEARING _____ | LATITUDE 62 587 | CORE SIZE NQ / NL | LOGGED BY EHP
DATE COLLARED _____ | LENGTH 300' | DEPARTURE 52435 | SCALE OF LOG 1" = 10' | DATE July 22 1970
DATE COMPLETED _____ | DIP -90° | ELEVATION _____ | REMARKS _____

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG: Foliation, Alteration, Footage, Structure	Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS: Sample Number	ASSAY RESULTS: %	Estimated Grade
Qtz.	Plag.	K-Spar.	Mafic	Texture	Hardness												Cu.	Mo.	Cu.	Mo.	
								20													
				+1		Reg fol'd QD	ND				Overburden = 25'		Minor broken core @ 26' - 28'	26½		90	24013		.01		+10
								30													
				1		"	wk 50°		40°(+ 6)		Epi veinlets (lim) No Sulphides obs		Along foliation	34½ 38		95 95	14		Tr		+10
								40													
				1		4	Def 60°		?		Broken Aplite dike Epi veinlets & lim.		along Fol'n	43 48		95 90	15		Tr	.01	+10
								50													
				1		"	wk 70° ND		?		Q-Chl-S. Q-Chl (Py diss'd) Bull Q vein		Broken Q veins @ 50 - 52' Q-Chl vein mostly oxidized To lim	51 53		80 90	16		.01		+10
								60													
						4	ND				Q Chl - vein No Sulphides obs Bull Q vein		Broken core (65-70) wk bx'd text wk fault?	68		80	17		Tr		+10
								70													
				1		"	wk 70				Bull Q vein Epi - Py Granular Cpy Pyrr		Mod Broken Core (70-80) Epi vein. Fault zone	75'6" 76½		90 95	18		Tr		+10
								80													

FORM 130-LSD. 1

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. DH-5
SHEET No. 2 of 5

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				Estimated Grade
								Foliation Alteration	Footage	Structure									Sample Number		%		
Qtz.	Plag	K-Spar.	Matic	Texture	Hardness														Cu.	Mo.	Cu.	Mo.	
				1		Reg fol'd QD	WK 65°		80 / 30		30° / 45° / 50°	1/10" / 3/10" / 1.0'	Chl Q. $\underline{Py}$ - 1m Chl - 5		Fr. Q vein. Intense gouge zone FAULT	83 / 88		85 / 95	24019		Tr		∠.10
				1		Reg fol'd QD - Mod Silicified	ND		100		40°	1/2" / 1.0'	Epi - Chl No Sulphides		Minor bx'd Text (87-98) WK Fault	93 / 98		60 / 80	20		Tr	.004	∠.10
				1		Reg fol'd QD.	ND		110		45° / 10° / 30°	1 1/2" / 1/2" / 3/8"	Epi - Chl Q Chl vein Q Chl - (5) No sulphides		FRs. Q - Chl vein	108		95	21		.01		∠.10
				1		"	ND		120		?		Epi - 5 No sulphides obs'd		Along irreg Fr. Broken & bx'd core (115-120) - Minor Faulting	118		85 / 60	22		.01		∠.10
				1		" Silicified zones	ND		130		50%(+)	1/20"	$\underline{Py}$ - 1m - (5 Chl) No Cpy obs'd		Broken core @ 121 Broken Core 126-128 Bx'd Text	120.5 / 128 / 130		60 / 20	23		.01		∠.10
				1		Reg fol'd QD	ND		140		45°	1/4"	Q - Chl - Epi - P_y		Solid QD Fr	137		95	24		.01		∠.10
				1		- " -	WK 65°		150		30° / +50	1/4" / 1/2"	Ball Q Vein Chl - Epi - P_y		Minor broken core (148-150') Sheared Chl-Epi Veins	148 / 150		98 / 90	25		.01	.003	
				1																			

FORM 130-LSD 2

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. MIC-5
SHEET No. 3 of 5

ROCK TYPES & ALTERATION							GRAPHIC LOG										ASSAY RESULTS				
Qtz.	Plag.	K-Spar.	Mafic	Texture	Hardness		∠ to Core Foliation	Foliation Alteration	Footage	Structure	Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	Sample Number Cu.	Sample Number Mo.	% Cu.	% Mo.	Estimated Grade
						Reg fol'd QD	Def 55		150 160		55°		Epi veining (Py)		Slightly broken core (150-160) Along fol° In Fr. // fol°	155		95	24026		.01		∠.10
				1-1		"	ND		160 170		?	4"	Q-Epi-Chl		Moderately broken core (160-170) Vuggy Q vein ass'd silA from (163-166)	167 168		80 95	27		Tr.		∠.10
				1		"	ND		170 180		35°(62)	∠1/20"	Epi in Frs. ((diss Py))		Solid QD.	178		98	28		.01		∠.10
				1		"	wk 55		180 190				(Py - lim).		Mod broken core (184-186) Irreg. Fr.	186		95	29		.01		∠.10
				1 / 1-1		"	wk 35 ND		190 200		60° ?	1/20"	Epi Fr veinlet No Sulphides observed		Mod ⇒ strongly broken core (198-200) - Strongly broken core - minor bx's	194 197 198		95 90 95	30		.01	.003	∠.10
				1-1		Strongly S.I'd QD	ND		200 210		30°	1/20"	Chl,		Along def fr's @ 30 Broken core and strong bx'd Text (204-208) Intense gouge.	202 208		90 65	31		Tr.		∠.10
				1		Reg fol'd QD Mod to Str. S.I'n	ND		210 220		40° 50° 50°	2/0" 3/5" 5"	Q-(Chl) Q-Chl Q-Chl.		Q vein Q vein Q vein	213 213		60 95	32		.01		∠.10

FORM 130-L.S.D. 2

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. M11-5
SHEET No. 4 of 5

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				
								Foliation Alteration	Footage	Structure									Sample Number		%		Estimated Grade
Qtz	Plag	K-Spar	Mafic	Texture	Hardness														Cu.	Mo.	Cu.	Mo.	
				∠1		Reg fold QD	ND		F2		60°	½"	Chl - Q - (Py)		Q-Chl veins.								
											30°	1.0"	Barren Q vein		(224-248) - Q-Chl-S								∠.10
															Com'd 2 zone Thick				24033				
				∠1		Wk Q-Chl-S	Def						No Cpy obs'd					95			TR		
						lam's	50		230						Fol'd & minor crenulation	228							
											40°	2"	Barren Q vein			233		95					
						Wk - strong	Def				0°	1"	Q - Chl - vein										
				∠1			40-70				70°	15"			(237-40) - Abundant Q								
						Q - Chl - S lam's	P						(Cpy) along F ½		- Chl veining in strong	237		95	34		.02	.006	∠.10
							irreg				50° x(8)	3° Ave	Q - Chl - (Py - Cpy)		Chl - lam - zone.	240		95					
				∠1		- 4 -	Py					½0"	(Cpy - Py) along Fol'n		(240 - 245) Broken core mostly Q-Chl vein & minor diss'd Cpy & Py	245½		30	35		.02		∠.10
											45°		Chl - Py			248		30					
						Reg fol'd QD	ND		250						Fr.								
												½"											
				1		Reg fol'd QD	ND						Q - Chl (Py)		Solid QD.				34		.01		∠.10
											?	2"?				258		95					
									260						badly Broken Q vein	260		85					
											30°		Epi - (Q)		Fr.								
				1		"	ND					½0"							37		Tr.		∠.10
													No sulph. des observed		Solid Q.D.	268		98					
									270														
				1		"	ND								Solid Q.D.				38		Tr		∠.10
											50°	½0"	Epi - (Py)			278		95					
									280						*Fr			90					
											40°												
											50°	2½"	Epi Vein		ass'd ¼" siliceous								
				1		"							Epi stringers		envelopes				39				
							ND				½°	½0" Ave	Barren Q vein		Badly broken Q-Chl	288		95			.005	.001	∠.10
									290		?	½" - 2" ?	Q - Chl - (Py)										

FORM 130-LSD 2

GRID _____ CANEX AERIAL EXPLORATION LTD. HOLE No. MLC-5 SHEET No. 5 of 5

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				Estimated Grade
								Foliation Alteration	Footage	Structure									Sample Number		%		
Qtz.	Plag.	K-Spar	Mafic	Texture	Hardness														Cu.	Mo.	Cu.	Mo.	
				1		Reg fol'd Q.D.			0				No STRUCTURES No Sulphides		Solid Q.D.	0 300			24040		.005	↓	4.10
									300		EOH = 300												

FORM 130-LSD. 2

GRID _____ **CANEX AERIAL EXPLORATION LTD.** HOLE No. KLC-7 SHEET No. 1 of 2

LOCATION _____ BEARING _____ LATITUDE 6981E CORE SIZE NQ Wire LOGGED BY _____

DATE COLLARED _____ LENGTH 300' DEPARTURE 45 S30 SCALE OF LOG 1" = 10' DATE July 23 '80

DATE COMPLETED _____ DIP -90° ELEVATION _____ REMARKS _____

ROCK TYPES & ALTERATION							GRAPHIC LOG											ASSAY RESULTS				
Clr	Plag.	K-Spar.	Mafic	Texture	Hardness		∠ to Core Foliation	Foliation Alteration	Footage	Structure	Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	Sample Number Cu.	Sample Number Mo.	% Cu.	% Mo.	Estimated Grade
									100													
				∠1		Fine Sol'd QD	WK 60		120				Overburden	70	118'	118						^	
				∠1		Reg fol'd QD	WK 60		160				NIL		Pervasive Lim alting of mafics and clay (?) alting of feldspars Moderate broken core & fracturing @ 90°	158		90	24063		.01		∠.10
				∠1		"	WK 55		170				NIL		Pervasive Lim. and clay altn	168		85	64		.01		∠.10
				∠1		Broken & gouged QD	ND		180				NIL	LIMONITE	(165-180) Extremely broken core - poor recovery: Fault No minerals observed	178 180		∠10 50	65		TR.	TR.	∠.10
				∠1		Reg Sol'd QD Some Chl - Espar unalterd	Dif 60		190			V4"	No Sulfides Epi Vein		Solid QD.	182 183		85 85	66		Tr.		∠.10
				∠1		"	Def 60		200				No Sulfides Obs'd		B'd QD + gouge STRONG FAULT.	178		50	67		Tr.		∠.10

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. [illegible]
SHEET No. 2 of 2

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				Estimated Grade
								Foliation Alteration	Footage	Structure									Sample Number		%		
Qtz	Plag	K-Spar	Mafic	Texture	Hardness														Cu.	Mo.	Cu.	Mo.	
				1		Reg. fol^{n} QD	Def 55°		200 210		45°	1/10"	*Epi vein No sulfide observed		Solid Q.D.	208		95	24063		Tr		∠.10
				1		"	WK 60		220		30° 60°	1/21" 2/10"	Epi vein No sulfides obsd.		. Minor gouge along Fr. Solid Q.D.	211 213		90 98	69		.01		∠.10
				∠1		"	ND		230		50°	2/10"	Epi vein (Lim)		(224-225) Broken core b/d Fract. Minor fault Wk alteration of mafics	228		95	70		Tr	TR.	∠.10
				∠1		"	Def 60		240				Lim No sulfides		Pervasive lim alt^{n} of mafics F.G. gld rock - Same b/d @ 233' - Broken core	238		98	71		Tr		∠.10
				∠1		"	WK 70		250				Nil		Pervasive Lim and clay 1/5 Throughout 10' section	248		65	72		Tr		∠.10
				∠1		"	Def 50		260		40°	2/16"	Epi vein No Sulfides		Solid Q D	258		90	73		Tr		∠.10
				1		"	Def 60		270				Nil		Solid Q.D.	268 270		90 90	74		.01		∠.10

FORM 130-LSD. 2

GRID _____ CANEX AERIAL EXPLORATION LTD.

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				Estimated Grade
								Foliation Alteration	Footage	Structure									Sample Number		%		
Qtz	Plag.	K-Spar.	Mafic	Texture	Hardness														Cu.	Mo.	Cu.	Mo.	
				1		Reg Fol'd QD	Def 55°		270		25°	1/2"	Q·Chl Vein (Epi) (dies'd Py)		As stringers along foln and irreg.	278		90	24075		Tr		4.10
				1		"	Def 55°				45°	6"	Q·Epi Vein			288 230		95 95	76		Tr.	Tr.	4.10
				1		4	Def 60°		290 300		45°	4/10"	No Sulphides		Solid QD	300		98	77		Tr	✓	4.10
											E.O.H.												

CANEX AERIAL EXPLORATION LTD.

HOLE No. MLC-6
SHEET No. 1 of 4

GRID ____

LOCATION McKee-E Lake Copper | BEARING ____ | LATITUDE 67 510 | CORE SIZE NQ / HQ | LOGGED BY RCB
DATE COLLARED ____ | LENGTH 300' | DEPARTURE 51 675 | SCALE OF LOG 1"=10' | DATE July 22/70
DATE COMPLETED ____ | DIP -90° | ELEVATION ____ | REMARKS ____

ROCK TYPES & ALTERATION							GRAPHIC LOG											ASSAY RESULTS				
Qtz.	Plag.	K-Spar.	Mafic	Texture	Hardness		∠ to Core Foliation	Foliation Alteration	Footage	Structure	Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks	Composites	Estimated Core Recovery %	Sample Number Cu.	Sample Number Mo.	% Cu.	% Mo.	Estimated Grade
									70														
				21		Broken Core Mostly andesite dikes	ND		90		(2)	40'?	OVERBURDEN = 77.0' Andesite dikes		Broken & bx'd core (77-99)	77							
				21		Reg. fol'd Q.D.	Def 65°		90				Nil		Strong sandy gouge (80-82)	85		85	24041		.01		∠.10
				21		" broken & bx'd	WK 55°		100				Chl - lim		Badly Broken (82-99) abundant along Fol° & irreg. Fr.	93 / 226		85 / 60	42		.01		∠.10
				21		Reg fol'd Q.D.	Def 55° / ND		110		70° / 35°	6" / 1/20"	Q - lim No Sulphides		Strongly bx'd Q.D. Fr. Solid Q.D.	108		90	43		.005		∠.10
				21		- " -	WK 70		120		55°	1/10"	Barren Q vein No sulphides		SOLID Q.D.	111 / 118		95 / 95	44		.005	Tr.	∠.10
				21		- " -	WK 65°		130		56°	1/10"	Epi ((diss'd Py)		Fr.	128		98	45		Tr.		∠.10

FORM 130-L.S.D. 1

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. 82-6
SHEET No. 2 of 4

ROCK TYPES & ALTERATION							GRAPHIC LOG												ASSAY RESULTS				
Qtz	Plag	K-Spar	Matic	Texture	Hardness		∠ to Core Foliation	Foliation Alteration	Footage	Structure	Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	Sample Number Cu.	Sample Number Mo.	% Cu	% Mo.	Estimated Grade
									130														
				1		Reg fol'd QD	Def 60		144		40°	1/10"	Epi veinlet. (Idioz'd Py)		Abundant Epi stringers // Fol'n	138		98	2 40946		Tr		∠.10
				1		Reg. fol'd QD Thinly fol'd	Def 60		150		40° 35°	1/2" 1/16" Ave	Q-Chl-Py Epi veining No Cpy obs'd		Q vein = 1/2" Epi vein @ upper contact Solid QD.	148		98	47		.005		∠.10
				1	1	Reg. fol'd QD.	wk 60 to ND		160		60°	1"	wk Q-Chl/am No sulfides obs'd		(lim abag Fol'n) Core slightly broken @ 157'	158		98	48		.005		∠.10
				1		Reg fol'd QD.	wk 60		170		70° 65° 50° 45°	1/4" 1/10" 1/10" 1/4"	Chl Epi Fr. Chl-Epi vein Q-Chl vein		Fr's Solid QD	168		98	49		Tr	.001	∠.10
				1		" Cgrid anhedral grains of Q (1.5cm) prominent	wk 55°		180		50° 30° 10°	1/20" 1/2" 1 1/2"	Epi stringers Q Cpy-(Py) F grid Q-Chl vein		(170-180) Massive Cpy in Q vein	178		98	50		.01		.11
				1		"	wk 60		190		40°	1/20" Ave	Epi stringers No sulphides		(180-190) Solid QD	188		98	51		Tr		∠.10
				1		"	wk 60		200		30° (x2)	1/20"	Epi stringers		Solid Q.D.	198		98	52		Tr		∠.10

FORM 130-LSD. 2

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No. [illegible] 6
SHEET No. [illegible] of [illegible]

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				Estimated Grade
								Foliation Alteration	Footage	Structure									Sample Number		%		
Qtz.	Plag.	K-Spar	Mafic	Texture	Hardness														Cu.	Mo.	Cu	Mo.	
				1		Reg fol'd QD - c gr'd Q prom	WK 65°		200 210		50°	1"	Q-Epi-Chl No Sulphides		L Q vein SOLID QD	208		98	24053		Tr	Tr	∠.10
				1		"	WK 65°		220				No structures ((diss'd py))		SOLID QD	218		98	54		.005		∠.10
				1		"	WK 60		230				No structures No sulphides obs'd		SOLID QD	228		98	55		.005		∠.10
				1		"	Def 60		240		50°	7/10"	Q-Chl-(Py) (Py) No Cpy obs'd		Q vein) along Fr N Fol'n SOLID QD	236		98	56		.005		∠.10
				∠1		Silicified QD: - mod broken core	WK 60		250		50° 30°	∠1/20"	Epi-Chl-S-(Py) Chl-(Py)		in Fr @ 50(240-250) Chl vein	241 246		95 95	57		.005		∠.10
				1	∠1	Reg fol'd QD	Def 55°		260		50°(x2)		No Sulphides Chl-Epi-(Py)		mod. broken core (250-260) Chl-Epi-vein	256		98	58		Tr.	Tr	∠.10
				∠1		" - strong br'd text in sections	WK 60 ND		270		70°	8"	Br'd QD + gouge. Barren Q vein		Fault (262-265)	262		95	59		.01		∠.10

FORM 130-LSD 2

GRID _____

CANEX AERIAL EXPLORATION LTD.

HOLE No MLC 6
SHEET No. 4 of 4

ROCK TYPES & ALTERATION							∠ to Core Foliation	GRAPHIC LOG			Veins ∠ to Core Axis	Width of Vein	Mineralization	Sericite Zone	Remarks	Footage Blocks.	Composites	Estimated Core Recovery %	ASSAY RESULTS				
								Foliation Alteration	Footage	Structure									Sample Number		%		Estimated Grade
Qtz	Plag	K-Spar	Mafic	Texture	Hardness														Cu.	Mo.	Cu	Mo.	
				1		Reg fol'd QD			270			3'			Broken core (270-282) Bx'd QD. + gouge (Fault) Bx'd QD. - (279-282)	272.5 277		95 70	24060		Tr	↑	4.10
				1		Reg fol'd QD - v. Q rich rock - e g-r'd	ND		290				No structure No sulphides obs'd			281 284 286 290		60 70 80 85	61		Tr	Tr	4.10
									300		E.O.H. @ 300'		No sulphides		Broken core (@291) Bx'd but solid QZ (299-300)	300			62		Tr	↓	4.10

FORM 130-LSD. 2