B.C.

P.O. BOX 4280
YUKON TERRITORY

Hole No_____ Page No_____

FOOTAGE From	FOOTAGE To	ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION TYPE	MINERALIZATION %	ASSAY DATA Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag	Insol
		HOLE #1 - HOBOE CREEK										
		The following log was made by D. Tenney and A. Hureau on March 18th, 1977, in the garage of Joe Florence in Atlin. He reports that this was the last deep hole drilled on Hoboe Creek, and sample tickets in the core were dated September, 1973. This agrees with other information we have been able to collect. The hole, according to Joe, was drilled by Arda Drilling, a company which is now defunct. All the core was split, and what remained was in good condition, with boxes numbered and core tags still in place. The log was made rapidly and only parts of the granite were tested for flourescence; results were negative. No testing was done for radioactivity.										

Whitehorse Copper Mines Ltd.

MINING DIVISION – WHITEHORSE
YUKON TERRITORY

PROPERTY Hoboe Creek	Claim No.	Strike ? W	Loc. N 400' SW of	Hole No. 1
Date March 18th, 19 77	Section No.	Dip ? -80°W	Dep. French Adit	Total Depth 1,052'
Logged By D. Tenney & A. Hureau	Plan No.	Level Surface	Elev.	Page No. 1 of 11

FOOTAGE From	FOOTAGE To		ROCK CLASSIFICATION (Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo / Crystalline Shearing Veins Fracturing Foliation Grain Size Texture)	MINERALIZATION TYPE	MINERALIZATION Cu%	ASSAY DATA Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	3.0		Overburden										
3.0	33.0	7	Pink granite heavy k-spar.										
33.0	56.0	9b	Fine grained dark grey/green basic dyke										
56.0	250.0	7	Pink granite heavy k-spar looks like mainly fair – good coring – granite is equigranular with tendency to be foliated in places: some light green chloritic alteration fine grained chalcopyrite widespread – traces molybdenite – small xtals pyrite.	cpy MoS py	< ½?								
			124 traces pyrite – possible molybdenite	py Mo									
			136, 138, 145, 147, 173, 182, 186 – traces grained chalcopyrite	cpy									
			179 – 180 dyke or alteration zone with very fine grained pyrite and chalcopyrite	py cpy									
			160 – 216 scattered disseminated chalcopyrite	cpy	< ½								
			219.0 traces molybdenite	MoS_2									
			244.0 trace chalcopyrite										

NEW IMPERIAL MINES LIMITED
MINING DIVISION - WHITEHORSE
YUKON TERRITORY

HOBOE CREEK

Hole No. 1 Page No. 2 of 4

FOOTAGE From	FOOTAGE To		ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION TYPE	MINERALIZATION %Cu	ASSAY DATA Sample No.	Width	Recov.	%Cu	%Fe	Moly	Au/Ag	Impy.
250.0	561.5	7	Pink and white granite - less k-spar than previous section - disseminated fine grained chalcopyrite 281; 338; 353; 386; 400 - 401; 429 - 452; 488; 500 - 507.5; 527; 549 - 561; disseminated chalcopyrite 291; 315; 340; 400; 429 - 452; disseminated pyrite	cpy	<½								
		≈	372 - 376 fault gravel										
		≈	465 - 475 jointed and broken										
			549 - 561 less quartz more diorite and disseminated chalcopyrite	cpy	½								
561.5	575.5	3/2/1d	black magnetite (80%) diopside skarn with minor serpentine; small section strong chalcopyrite	cpy	½								
		1d	570 - 571 heavy chalcopyrite	cpy	1½								
575.5	597.0	1(d)	magnetite (75%) skarn; heavy to very heavy chalcopyrite (no visible bornite) good ground	cpy	3+								
597.0	603.0	3a	light green serpentinous skarn - broken core	-	-								
603.0	608.0	3/1	magnetite (heavy) skarn with traces chalcopyrite	cpy	½								
608.0	611.0	6b/3	dyke and skarn with traces chalcopyrite										

NEW IMPERIAL MINES LIMITED
MINING DIVISION - WHITEHORSE
YUKON TERRITORY

HOBOE CREEK

Hole No. 1 Page No. 3 of 4

FOOTAGE From	FOOTAGE To		ROCK CLASSIFICATION (Epid, Diop, Garn, Serp, Qtz/Sil, Acting, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture)	MINERALIZATION TYPE	MINERALIZATION % Cu	ASSAY DATA Sample No.	Width	Recov.	%Cu	%Fe	Moly	Au/As	Insol.
611.0	634.0	1(d)	black magnetite (heavy) skarn with disseminated chalcopyrite	cpy	2½								
634.0	641.0	3ms	green and black magnetite serpentine skarn trace chalcopyrite	cpy	½								
641.0	645.0	3/2s	green talc serpentine skarn with chalcopyrite	cpy	<½								
645.0	657	3/1s	magnetite serpentine skarn with chalcopyrite	cpy	<½								
657	677	3/2sda	serpentine diopside actinolite skarn with red k-spar and fine grained chalcopyrite	cpy	½								
		1	672 - 674.5 heavy chalcopyrite										
677	698	3da/2	diopside actinolite skarn fine grained chalcopyrite	cpy	?								
		≈	680 - 682 broken fault										
698	989.5	7	red k-spar granite fine grained pyrite (1%)	py	1								
			green chloritized joints throughout - disseminated chalcopyrite @ 704; 731; 732.5; 755.5; 766; 788 (+qtz); 812 (specks); 937 - 938 (stronger); 900	cpy	<½								
		9b	775.5 - 776 fine grained dark grey basic dyke										

NEW IMPERIAL MINES LIMITED
MINING DIVISION - WHITEHORSE
YUKON TERRITORY

HOBOE CREEK

Hole No. 1 Page No. 4 of 4

FOOTAGE From	FOOTAGE To		ROCK CLASSIFICATION Epid. Diop. Garn. Serp. Qtz/Sil. Actino Trem. Chlo. Crystalline. Shearing Veins Fracturing. Foliation. Grain Size. Texture	MINERALIZATION TYPE	%	Sample No.	Width	ASSAY DATA Recov.	%Cu	%Fe	Moly	Au/Ag	Insol
			816.5 traces molybdenite and chlorite										
			929 fine grained pyrite										
			965 - 966.5 . pyrite and chalcopyrite	py cpy									
989.5	993	3/2/1[d]	green actinolite skarn and magnetite pyrite trace chalcopyrite	py cpy									
993	1,052	3[sl]	talc serpentine skarn (green) and magnetite										
			1,052 end of hole - AQ core - all split (ie assayed)										
			N.B.: 1) core in good condition not excessively fractured - looks like mainly good ground.										
			2) py and cpy disseminated throughout granite but no significant sections look like ore (1%+).										
				[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				