105-D-11

WHITEHORSE COPPERMINES LTD

PARKE 3 77666

1 HOLE - 573 FT

105-D-11

WHITEHORSE COPPERMINES LTD

ROSS 1 FR (X18331)

1 HOLE 696 FT.

105-D-14

WHITEHORSE COPPERMINES LTD

ZIRCON 4 74187

1 HOLE - 300 FT

091125

105-D-11

09/125

WHITEHORSE COPPER MINES LTD

JEAN 28 85419

1 HOLE -340'

105-D-11

WHITEHORSE COPPER MINES LTD

JAY 6 93229

1 HOLE - 216 FT.

105-D-11

WHITEHORSE COPPER MINES LTD

NEW 6 90378

1 HOLE - 259 FT

105-D-11

WHITEHORSE COPPER MINES LTD

JEAN 1 85371

1 HOLE - 1288 FT

DD-31

Whitehorse Copper Mines Ltd.

MINING DIVISION - WHITEHORSE
YUKON TERRITORY

PROPERTY ARCTIC Chief	Claim No. PARKE 3	Strike W 582°10'W	Lat. 104+04N
Date 11/5 19 77	Section No. 104N	Dip -60 -59°36'	Dep. 53+59.6E.
Logged By A. Hureau	Plan No.	Level	Elev. 2881.97
			Hole No. AC 43
			Total Depth 573
			Page No. 1 of 4

FOOTAGE From	To		ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture
0	59	Ob	
59	137	5	mainly white - grey xtaline limestone with minor sections grey well bnded 40°-60° good coring
137	184	5b	grey thinly laminated well bnded graphitic limestone gen 60°-70°
184	240	5	white minor grey locally vaguely bndd cs 60°-70°
		5/3S	weakly serpentinized 213-215 & 223'
			6" fe staining @ 185'
		AA	breccia, with numerous healed fracts generally at low & to core
			197-201 Leached vuggy zone
			214-216 Contains anhedral xtals 1&2 mm black.

MINERALIZATION TYPE	%	Sample No	Width	ASSAY DATA Recov	%Cu	%Fe	Moly	Au/Ag	Insol

RECEIVED
9 NOV 1977
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

WHITEHORSE COPPER MINES

	INITIALS
PLOTTED 40' SECTIONS	CB
PLOTTED 40' ASSAY PLANS	—
PLOTTED 40' GEO. PLANS	—
ASSAYS CHECKED	—
CHECKED	—

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
240	244.3	5b	grey graphitic LS 60°										
244.3	296	5	white limestone, grey banded (30°-60°) section 264-266,										
		~	Core very broken 252-264 rusty weakly skarnified sections 264-264.4, 269.5-274 279-280, 289-296 lower contact at 10° (along core)										
296	305	8a/3	gd F, mottled, locally porphyritic felst, vague banding 60° toward end										
305	318.5	3	5dg/5, Skarnified limestone green brown, sections rusty										
		4g?	305.5 - 306 dark brown fracd										
		9b	section also at 214.5 - 217 Contact at 318.5 30°										
318.5	354.5	8a/3(4?)	grey green altered intrusive feldspar grains in grey or green ground mass vague banding gen 40°, may be dioritized clastic sed Several grey sections with porphyritic felsture appear to be cut by fresh diorite.										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-31

Hole No AC-42 Page No 3 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 %	ASSAY DATA Sample No.	Width	Recov.	%Cu	% Fe	Moly	Au/Ag	Insol
354.5	368	35	d/5 green white partially skarnified limestone, contains several 8a dykelets to 2"										
368	393	3	da/8/5 red green limey skarn with sections with dioritic texture, locally mn staining										
393	403	3	daqs/5 red green skarnified limestone locally rusty containing Fg Py wavy buding toward end										
403	452.8	5/35	white grey buded limestone partially serpentinized, buding 60-70° to 425' to 80° toward end,										
		AA	white LS fragments in grey buded LS										
452.8	456.2	8a	grey diorite dyke										
456.2	488	5/35	grey green well buded limestone Serpentine mainly associated with Fractures, buding gen 60° from 484.5-485 buding contorted along cone, 4" rusty pyritic zone at lower contact										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-31

Hole No. D-C-82 Page No. 4 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 %	ASSAY DATA Sample No.	Width	Recov.	%Cu	% Fe	Moly	Au/Ag	Insol
488	573	49	dark grey, alternating fine - coarse grain banded clastic sed, bnding 45°-70° pyritic throughout	Py	1/2								
		5	492-497 bnded limestone										
	573		Hole ends										

792 ft.

Ross 1 FR X18331
1 Hole 696 Feet

Whitehorse Copper Mines Ltd.

MINING DIVISION – WHITEHORSE
YUKON TERRITORY

QC1125

DD-31

PROPERTY BEST CHANCE	Claim No. BOSS #1 Fr	Strike 56°	Lat. 116N	Hole No. BC 39
Date 13 / 9 19 77	Section No. 116N	Dip -60°	Dep. 165 E	Total Depth 696'
Logged By A. HUBEAU	Plan No.	Level Surface	Elev. 2650'	Page No. 1 of 7

FOOTAGE From	To		ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	MINERALIZATION TYPE	%	ASSAY DATA Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	11	ob											
11	99	5	white xtalline limestone										
			sections leached, rusty										
			Fair coring, 64 to 68										
		≈	rubble & mud										
		3s	serpentinized 81 to 87										
99	109	3dgs/s	green limey skarn, minor										
			mag bnds rusty no sulphides										
			seen										
109	120	5	white xtalline LS as above										
			minor fe staining, minor	mag	<1								
			dissem mag from 118 <1%										
120	121	≈	rusty rubble frags 3d										
121	125.7	3d	51 green skarn rubble from										
		≈	123										
125.7	242	8a(4)	grey altered diorite, euhedral										
			hornblende & white feldspar										
			xtals in fine grained grey										
			groundmass										

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
125.7	242	8a/4	core very blocky & broken sections appear lchd & skarnified, white feldspar grains appear to be developed along fracture planes										
		~	2' Rec 237-242										
242	253	~	2' core recovered 5/3ds)										
253	270	~	mud & rubble (8a/4 & 5/3)										
270	286	~	4' of 5/3Sd with mn staining, with 6" rusty mud										
286	293	5/5b	white-grey recrystallized LS 4' Rec										
293	298.3	3dg	massive red green limey skarn, mn stained, mainly on joints Fe stain 295 no sulps seen, 296-297 8a/4 ground core may be from above										
298.3	300	~	rusty rubble after 3gd?										
300	305	3dg	as above rusty on joints										
305	310	~	rubble, limey, rusty, 3dg/5?										

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
310	315	5b/3s	dark grey partially serp'd LS locally heavy py, core very broken, rusty on joints	py	2								
315	321	5	white xtaline LS lower ct 60°										
321	342	3d g/es	green red skarn, buds serpentinized (minor), numerous veinlets & vug filling of quartz & Ca with subhedral serpentine grains, rusty toward lower ct										
342	356.7	5b	grey white graphitic limestone banding 30°-50°, lower ct 20°, 1" 3d developed on ct rusty on fract with fg. dissem brem in skarn.	hem	tr								
356.7	368	8a	altered quartz dionite 25% mafics, sections with remnants of altd seds. rusted pitted zone (1') at upper ct contains soft dark grey metallic mineral ccte? Sample 356.7 - 357.7	ccte	tr	83208	1'	1'	[illegible]				

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
368	375	8a	white pale green mottled altered diorite, core broken 372-373 more mafic section partially replaced by less mafic phase										
375	381.3	3	ade/s green rusty skarn, + brown carbonate, traces smoky qtz mal stain at start of section										
				Mal	TV								
			Sample 375-381		-	8018	6.3'	6.3'	.06			<.01/.01	
381	386	8a/3	dge white green skarnified diorite good coring										
			Sample 381 - 386			8019	5	5	.02			<.01/.06	
386	390	4g	dark grey - black fine grained meta sed, biotite rich fractured traces py										
				py		8020	+	4	.05			<.01/.06	
			Sample 386-390										
390	396	3/2	dae, green skarn, sections rusty, mal + cuprite on joints and occasional patch brown, rusty non magnetic mineral. bornite? remnants LS toward end.										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No bC39 Page No 5 of 7

DD-5C

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
390	396		Contd, locally bnded @ 70°										
				mal	.5								
			Sample 390-396	bo	?	8021	6	6	.08			.01/.08	
396	399	5	35 white grey limestone, partially serpentinized										
399	413	5b	grey well bnded limestone gen 30°-40° good coring										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No. BC 39 Page No. 6 of 7

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
413	453.2	5b/5	grey white limestone banding gen 40° becomes destroyed toward lower ct Pale brn staining from 451 to 452.8										
		3dg	3" 3dg at lower ct bnding 45°										
453.2	560.5	8/8a	grey medium grained diorite with occ remnant of recrystallized sed mafics (25%) biotite hornblende locally altd to chlorite-serpentine, feldspathization along bands (locally) old fracture planes?										
		3deg/8	557 - 558										
560.5	567.2	3d/5	pale green vuggy stockworked LS										
567.2	601	5/3S	grey green serpentinized limestone banding highly contorted where visible										
		9b	± 581 to 581.3										
		8a	592 - 593										
	621.5	3S d/5	green limey stain, locally pitted - rusty locally mn staining										
		8a	611.5 - 612.5 altd diorite										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No. BC39 Page No. 7 of 7

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
621.5	631.6	3d	F/8a green white mottled Saussuritized diorite, locally pitted & rusty										
631.6	696	8a/4	bnds "Fresh" hornblende biotite granodiorite with bnds grey white mottled dioritized sediment, good coring										
631.6	696		Hole ends From 315' good - fair coring										

DD-31

Whitehorse Copper Mines Ltd.

MINING DIVISION – WHITEHORSE
YUKON TERRITORY

09112S

PROPERTY WAR EAGLE	Claim No. ZIRCON 4	Strike E.	Lat. 128+00N.
Date JULY 28th 19 77	Section No. 128N	Dip -60° E	Dep. 22+50E.
Logged By D. TENNEY.	Plan No.	Level SURFACE	Elev. 2549'

Hole No. HS-6.	Total Depth 300 ft.	Page No. 1 of 2

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	%	Sample No	Width	Recov	ASSAY DATA %Cu	%Fe	Moly	Au/Ag	Insol
0.0	11.0	o/b	overburden										
11.0	35.0	4g/g	pale to dark grey and pale green sediments patchy banding 40° – mainly fine grained moderate jointing										
35.0	37.0	5	dull light grey limestone – (CO_2 with acid).										
		==	11-21 broken ore.										
37.0	119.0	4g/g	pale to dark grey, brown, pale green sediments 45° epidote + pyrite.	banding	rare	35°.	moderate jointing						
			small sections pale green diopside tremolite skarn + pyrite specks.										
		3/4"	70-71 pale green tremolite diopside skarn	copy MoS	—								
			specks pyrite – specks chalcopyrite										
			ore speck molybdenite										
		3"	93-95 pale green diopside skarn										
		==	82-100 jointing										
			57' – compaction structures in sediment.										
		--	107-108 jointing										
119.0	120.3	9b	fine-medium grained dark grey basic dyke 1-3 cm chilled bright green contacts 45°.										
120.3	194.0	4g/g	dk. dull brown dull green fine grained siliceous sediments moderate jointing no prominent banding.										

RECEIVED
9 NOV 1977
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

WHITEHORSE COPPER MINES	INITIALS
PLOTTED 40' SECTIONS	
PLOTTED 40' ASSAY PLANS	
PLOTTED 40' GEO. PLANS	
ASSAYS CHECKED	
INTERN. GRADE CHECKED	

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-31

Hole No. HS-6 Page No. 2 of 2

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
			pale green - alteration (? skarnification) in places										
		=	127-140 strongly fractured core										
			160 - 194 better coring (still not good!).										
194.0	207.0	4g/3d	pale to dark green, grey brown weakly to strongly skarnified siliceous sediments - strong banding in places @ 60° Trace brown garnet. specks pyrite	py - 1% Mo S2	1% —								
			202.0 speck molybdenite.										
207.0	235.0	4g/3d	brown fine grained siliceous sediments lighter green grey alteration (skarnified) zones.	pyrite	on joints								
			225.0 specks chalcopyrite on fractures										
235.0	252.5	4/3d	pale grey green skarnified sediment + diopside tremolite										
		3/2rd	247.5 - 250.0 White pale green diopside tremolite skarn specks blebs pyrrhotite (4%) specks pyrite (1%) specks chalcopyrite - trace	cpy pyt/py	tr								
252.5	300.0	4g/3d	dull brown dull light green siliceous sediments fair coring moderate to strong jointing										
		8°/3	@ 90.5 - 292.0 grey skarnified diorite 1% pyrrhotite										
			Hole ends @ 300. ft.										

DD-31

Whitehorse Copper Mines Ltd.

MINING DIVISION – WHITEHORSE
YUKON TERRITORY

PROPERTY WAR EAGLE	Claim No. JEAN 22	Strike EAST.	Lat. 112+00 N
Date JULY 22ND 19 77	Section No. 112+00 N.	Dip -60°.	Dep. 1+00 W
Logged By D. JENNEY.	Plan No.	Level SURFACE	Elev. 2632'

Hole No. HS-7
Total Depth 340'
Page No. 1 of 5

FOOTAGE From	To		ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	MINERALIZATION TYPE	Cu%	Sample No	Width	ASSAY DATA Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0.0	7.0	O/B	sand and gravel.										
7.0	24.0	3gd	- 8' lost core - possibly boulders w										
			weathered bedrock - minor pieces (2) mafic diorite	moderate	jointing								
		3/2gd	20.0 blebs chalcopyrite and molybdenite										
		9b	7.0-7.5 fine grained dark grey basic dyke.										
24.0	36.0	3/2gd	brown and green garnet diopside skarn traces	cpy.	1/4°								
			banding (clastic sediments?) specks chalcopyrite	MoS_2	tr.								
			and molybdenite good coring moderate jointing										
36.0	42.0	3gd	pale brown/green garnet diopside tremolite skarn										
			fair coring - jointed/broken @ 41'.										
42.0	57.0	4g/3/2d	pale green skarnified sediment + diopside	cpy.	1%								
			specks pyrite, chalcopyrite molybdenite	cpy.	<1/4%								
57.0	61.0	3/2gd	brown and green garnet diopside skarn specks	MoS_2	tr.								
			chalcopyrite and molybdenite good coring	cpy	1/4%								
61.0	64.0	4g/3d	dull green/grey skarnified sediments 1% pyrite	MoS_2	tr.								
			+ diopside minor brown garnet.					62-67'	—		10'	core	in boxes. *
64.0	68.2	3/2gd	brown green garnet diopside skarn good	cpy.	tr.						log	not	corrected for this error
			coring specks chalcopyrite										
68.2	71.0	4gg	dull brown weakly skarnified sediments										
71.0	77.0	2d/3	dull pale green diopside tremolite skarn	cpy bo	1/2%								
			specks and blebs chalcopyrite bornite										
77.0	84.0	4gg	dull brown weakly skarnified sediment good coring										
		2g	182.0-82.3 brown garnet skarn bornite chalcocite	bo. cc's	1 1/2%								

RECEIVED
9 NOV 1977
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

WHITEHORSE COPPER MINES
PLOTTED IN SECTIONS — INITIALS
PLOTTED ON ASSAY PLANS
PLOTTED ON GEO. PLANS
ASSAYS CHECKED
INTERN. GRADE CHECKED

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No HS-7 Page No 145

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
84.0	94.7	3gd/2	brown pale green garnet diopside skarn minor Tremolite trace bornite chalcocite 86-94.7	bo cc/cc	<1/4%								
94.7	95.5	8a/3	strongly skarnified diorite (green and brown) dioritic texture preserved.										
95.5	97.8	3/2d	dull green diopside skarn after sediment + fine grained chalcopyrite.	cpy.	1/4%								
97.8	99.1	8a	medium grained black/white diorite										
99.1	118.0	3gdt/2	green, brown white diopside garnet tremolite skarn specks molybdenite - specks bornite chalcocite	MoS_2	.1%								
				bo/cc/cc	1/4%								
			118.0 large flakes (5mm) molybdenite.										
			114.0 wedge fine grained chalcocite/bornite.										
118.0	126.0	4gg	brown siliceous and weakly skarnified sediment 1% pyrite										
126.0	128.8	3d	rich green diopside skarn. specks pyrite.										
128.8	139.3	3g	brown garnet skarn minor green diopside white tremolite	bo.cc/cc	tr								
			trace specks bornite chalcocite molybdenite	MoS_2	tr.								
139.3	144.3	3/2dg	green and brown diopside garnet skarn specks	bo cc/cc cpy.	1/4%								
			bornite chalcocite + molybdenite chalcopyrite.	$1\%S_2$	tr								
144.3	145.3	8a	very altered grey black diorite 1% pyrite										
145.3	158.0	3gt	brown and white garnet tremolite skarn.										
158.0	172.0	4gg	dark brown and green feldspathic sediments 2% fine grained pyrite. weakly skarnified in places + diopside										
172.0	175.7	3/2dt	white pale green diopside tremolite skarn specks bornite/chalcocite chalcopyrite 174-175½ 1mm cpy-Bo, 5° micro	bo.cc/cc cpy	1/4%								
175.7	181.3	3dt	pale green diopside tremolite skarn traces										

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
			bornite chalcocite molybdenite	Secke/bo	tr								
181.3	188.5	3d/4	brown feldspathic sediments completely skarnified in places + diopside - specks pyrite throughout trace chalcopyrite 184'	MoS_2	tr								
188.5	195.9	2/3d	green and brown diopside garnet skarn specks blebs stringers bornite chalcopyrite - specks molybdenite	bo. cpy	½%								
				MoS_2	tr.								
195.9	205.9	3dt	brown garnet skarn minor sections tremolite - speck molybdenite	MoS_2	—								
205.9	208.1	5	pale grey limestone - weak banding 15°.										
208.1	229.5	2/3 gdt	brown garnet skarn with green diopside white tremolite specks blebs bornite/chalcocite + chalcopyrite	bo/cckc	½%								
				cpy									
229.5	236.7	2d	green diopside skarn heavy fine grained bornite chalcocite + chalcopyrite.	bo.cckc cpy	2½%								
236.7	240.1	5/2	dark grey brecciated and weakly skarnified (serpentine) carbonate zone + chalcopyrite	cpy	1%								
		N	239.7-240.1 broken and leached - small fault.										
240.1	241.0	5	grey limestone.	—	—								
241.0	245.3	2dt	pale green white diopside tremolite skarn - specks blebs patches bornite/chalcocite.	bo.cckc	1½%								
245.3	322.5	3 gdt	brown and green garnet diopside skarn minor white tremolite										
			249.8-251.5 specks Molybdenite bornite chalcocite	bo cckc MoS_2	tr								
			252.5-252.6 —"—										
			261.5-262.5 chalcopyrite molybdenite specks	MoS_2 - 1% cpy	tr								
			266.7 specks molybdenite	MoS_2	—								
		==	269-270.5 broken core										
			277-280 euhedral brown garnets in green diopside skarn										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No. H3-7 Page No. 475

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
			286-291 quggy garnet skarn										
			293 Specks molybdenite in diopside skarn	MoS_2	tr								
			297.2-299.3 specks chalcopyrite molybdenite	cpy MoS_2	tr								
			303-304 specks pyrite, chalcopyrite molybdenite in green diopside skarn	py. cpy MoS_2	tr								
			307.5-308.5 —— " ——	MoS_2 cpy	tr ½%								
			315.5 molybdenite anpoint	MoS_2	—								
			322.7 trace chalcopyrite + specks pyrite	cpy	tr								
327.5	335.8	3d/4	weakly to strong skarnified brown feldspathic sediments + green diopside 1% pyrite — specks chalcopyrite	cpy	tr.	contact in	core	@	10°	(↑ bedding)			
335.8	340.0	8a	medium to fine grained grey diorite specks pyrite and chalcopyrite. — contact @ 45°.	py cpy	1% tr.								
			Hole ends @ 340' - BQ core (split for assay) casing left in hole. Coron Diamond Drilling										
			coring mainly good moderate jointing 0-40; 132-151; 269-271; 327-330.										
			Samples: 24-30			8199	6.0	6.0	.12				
			30-36			8200.	6.0	6.0	.34				
			67-72			8201	5.0	5.0	.44				
			80-82			8202	2.0	2.0	2.80				

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-31

Hole No. NS-7 Page No. 5 of 5

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
			113-118.			8203	5.0	5.0	.24	/			
			172-175.7			8204	3.7	3.7	.44	/			
			188.5-192			8205	3.5	3.5	.06	/			
			192-195.9			8206	3.9	3.9	.38	/			
			209.1-213			8207	4.9	4.9	.68	/			
			213-218			8	5.0	5.0	.04	/			
			218-223			9	5.0	5.0	.22	/			
			223-228			8210	5.0	5.0	.10	/			
			228-233			11	5.0	5.0	1.92	/			
			233-238			12	5.0	4.2	2.90	/			
			238-240.1			13	2.1	2.1	.26	/			
			240.1-241.0			14	0.9	0.9	.04	/			
			241.0-245.3			8215	4.3	4.3	1.62	/			

DD-31

Whitehorse Copper Mines Ltd.

MINING DIVISION – WHITEHORSE
YUKON TERRITORY

09125

PROPERTY KOPPER KING TAVERN | Claim No. JAY 6 | Strike S | Lat. 5344 S ?KK | Hole No. KK7
Date 28/10 19 77 | Section No. 28E | Dip -70° | Dep. 28E (GRID) | Total Depth 217
Logged By A. HUREAU | Plan No. | Level Surface | Elev. | Page No. 1

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	%	ASSAY DATA Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	176		overborden, boulders + sand										
176	215	49	grey medium grained, pyritic, feldspathic sediment bndng locally 45° generally vague locally contorted, possibly turbidite, biotite rich (10%) cut by numerous white quartz veinlets.	py	2								
			Hole ends										

DD-31

Whitehorse Copper Mines Ltd.

MINING DIVISION – WHITEHORSE
YUKON TERRITORY

01125

PROPERTY	BIG CHIEF	Claim No.		Strike	64°15'(E)	Lat.	12250N	Hole No.	LC116
Date	3/10/77 19	Section No.	12250N	Dip	-55°	Dep.	5300E	Total Depth	259'
Logged By	A. HUREAU	Plan No.		Level	Surface	Elev.	2587'	Page No.	1 of 2

FOOTAGE From	FOOTAGE To		ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture
0	37	ob	
37	38	9b½	dark grey fine grained basic dyke
38	104	4g	Coarse & Fine grained grey clastic (TUFF morrisson) Pyrca on joints,
		8a	69.7 – 72 bleached altd diorite Remnant of Sed 71 – 71.5
		9b½	88 – 90.5 black porphyritic dyke
104	176.5	4g	grey, red, Coarse & Fine grained clastic as above very broken & Carbonated on joints to 123', reddish cast appears to be destroyed along joint planes & disappears Completely by 165' banding along core 141 – 145 Several diaritic xinlets to 3cm 120 – 130'

MINERALIZATION TYPE	%	Sample No	Width	ASSAY DATA Recov	%Cu	%Fe	Moly	Au/Ag	Insol

RECEIVED
9 NOV 1977
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

WHITEHORSE COPPER MINES	INITIALS
PLOTTED 40' SECTIONS	DB
PLOTTED 40' ASSAY PLANS	—
PLOTTED 40' GEO. PLANS	—
ASSAYS CHECKED	—
INTXN. GRADE CHECKED	—

WHITEHORSE COPPER MINES LTD.
P.O. BOX 280
YUKON TERRITORY

DD-31

Hole No 4-C-116 Page No 2 of 2

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
115.5	259	8/8a	grey white medium grained diorite, minor sericitization & saussuritization of mafics. Serpentinized on joints. numerous Ca filled fracts & rare K feldspar dyelet										
	259'		Hole ends										
			B.Q. Core Canyon D Drilling										

Whitehorse Copper Mines Ltd.
MINING DIVISION – WHITEHORSE
YUKON TERRITORY

ACID TESTS 900' 55°

PLOTTED ON SECTION SEPT./77

09125

PROPERTY WAR EAGLE	Claim No. JEAN 1	Strike E	Lat. 54N DWE EXPL Grid	Hole No. WE 73
Date 1/9/77 19 77	Section No. 5400N	Dip -60	Dep. 2850W	Total Depth 1288'
Logged By A. HUREAU	Plan No.	Level SURFACE	Elev. 2863	Page No. 1 of 8

RECEIVED 9 NOV 1977 MINING RECORDERS OFFICE WHITEHORSE, Y.T.

From	To		ROCK CLASSIFICATION Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	MINERALIZATION TYPE	%	Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
0	10	OB											
10	194.6	49	Dark – lt grey fine grained pyritic "quartzite" (TUFF morrison) pyrite both disseminated & on shears pale grey green sections tend to have more pyrite pyrrhotite, very fine grained, bnding 45°-70° CA on fracts										
		70	hornblende biotite granodiorite dykes @ 90 to 90.5, 111 to 112 113.5 to 114.5.										
		4/5	Pale grey sections tend to be limey, (dolomitized?) lime content increasing from 155'										
194.6	200.7	90	Medium grey porphyritic dyke rounded anhedral feldspar grains to 1 cm in fine grained grey groundmass										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No. W-E73 Page No. 2 of 8

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
200.7	486	4/5/3	light and dark grey green well bnded limey quartzite dark tuff bnds alternating with light dolomitized? siliceous sediment, bnding generally 40°-60°, @ 218' highly contorted, numerous examples of TUFF fragments caught up in lighter colored sediment "Rip up Structures" (Morrison) 2" garnet Skarn @ 274 Pyrite & Pyrrhotite throuout. lower contact gradational	Py Po	3								
486	589.5	4/3/5	pale grey green well bnded limey silicified sediment dark TUFF bnds above 486' no longer existent. disseminated VFg py po, bnding generally 40-60°	Py, Po	3								
		AA	1' ca rich breccia 532.5 - 533.5										
589.5	594.8	7b	Medium grained biotite granodiorite dyke c/s 70°										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No W-E73 Page No 30 of 83

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
594.8	832.8	4f/3k	pale green grey fine grained meta sediment, rare remnant of dark grey - red tuff bnd, banding not as prominent as above generally 60° locally to 30° cut by numerous healed fracts Fine grained disseminated py, po; also as fract fillings	py po	3-5								
		7b	grano diorite dykes 716 - 716.5 726 - 727.5 766.8 - 770										
			mafics chloritized, dissem py tr mosz @ 727 & 810	mosz	Tr								
832.8	833.8	9b	dark grey fine grained basic dyke Contacts 60°										
833.8	859.0	4f/3	dk dark to light grey green meta sediment, dark phase being replaced by pale green limey phase, numerous healed fracts. less py than above	py	1								
859.0	859.8	7b	altd granodiorite with dissem py & tr cp										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-31

Hole No. WE73 Page No. 4 of 8

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
859.8	944	4/3	dark - light grey green meta sediment (TUFF?) fewer pale green limey sections than above banding vague, numerous healed fracts. dissem py po?	py po	2								
944	946	7b/3	white green altered granodiorite pyritic	py	3								
946	1000	4b/3	pale grey green, sugary textured meta sediment, banding vague generally 60°, probably dolomitized, numerous dolomite filled fracts heavy py, po	py, po	3-5								
1000	1016.5	4b/3	grey green skarnified sediment banding vague, 60° dissem py, po garnet developed on lower ct, sections limey	py	3								
1016.5	1021.4	7b	medium - coarse grained hornblende granodiorite inclusion skarnified sed 1016.7-1017	py	1								
1021.4	1024.9	4/3	inclusion of skarnified sediment, minor garnet developed disseminated py, tr cp mosz	py cp mosz	3 tr Tr								

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No WE-73 Page No 5 of 8

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
1024.9	1031.5	7b	hornblende granodiorite 20% mafics disscm py, po, traces cp mosz										
1031	1062	3d/4	grey, green, red SHEARED/FOLIATED clastic, banding generally destroyed FS° where visible, incipient garnet minor epidote & ca toward end	py	3-5								
				cp	1/4								
				bo	tr								
			disscm py throuout, patchy disscm fine grained cp, also in blebs & fracts from 1060.5 with tr bo										
		9b	tr 1049.9 - 1051 dk green - blk basic dyke cts 30°										
1062	1112.4	7b	medium to coarse grained hornblende granodiorite, sections of dioritized remnants of clastics, generally ± 30% mafics	bo	1/4								
			fracture filling of cp bo	cp	1/4								
			with minor mosz from 1064.5	mosz	1/4								
			to 1066.7 gen 1cm, also	py	tr								
			cp, mosz in fg disseminations & occ fract filling										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-31

Hole No WE-73 Page No 688

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
1112.4	1157.8	3/4/8	bnds of green, red, Skarnified quartzite (TUFF?) as above, with sections of altered intrusive (hornblende granodiorite Containing Xenoliths of dioritized clastics, 1123 - 1124.2 green red limey Serpentinous Smear with dissem cp (1/2% cp)	py cp	1-2 1/4								
1157.8	1160.4	7b	Hornblende granodiorite, medium grained, feldspars partially Saussuritized, traces dissem py cp	py cp	Tr Tr								
1160.4	1165	4g/3/-	dark grey minor green altered clastic, (TUFF?) dioritized along fracts dissem py occ Spec cp	py cp	1/2 tr								
1165	1168	7b	as above with inclusions 4g tr cp, py	cp py	Tr Tr								

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

DD-3

Hole No WE73 Page No 288

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
1168	1240.3	7b	hornblende granodiorite 20% mafics with numerous xenoliths of qq some of which are skarnified to massive pale green skarn patchy disseminated py in intrusive & in inclusions, numerous Ca filled fracts cutting skarn section 1225 to 1229	py cp	<1 tr								
1240.3	1270.5	8a/3	dark green-white altered intrusive lower ct 10° partially serpentinized, limey, tr py	py	Tr								
1270.5	1279.2	3d	fine grained pale green limey skarn tr py	py	Tr								
1279.2	1288	8a/3	green, calcareous, serpentinized diorite										
	1288		Hole ends Caron Drilling Casing left in Hole										

WHITEHORSE COPPER MINES LTD.
P.O. BOX 4280
YUKON TERRITORY

Hole No. WE13 Page No. 8 of 8

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 PPm	Au/Ag	Insol
			Samples 1020-25			8299	5	5	.08		51		
			-30			8300	5	5	.08		51		
			-35			1	5	5	.20		47		
			-40			2	5	5	.20		47		
			-45			3	5	5	.28		70		
			-50			4	5	5	.28		70		
			-55			5	5	5	.38		50		
			60			6	5	5	.38		50		
			65			7	5	5	1.50		71		
			70			8	5	5	1.50		71		
			75			9	5	5	.06		76		
			80			10	5	5	.06		76		
			85			11	5	5	.04		135		
			90			12	5	5	.04		135		
			95			13	5	5	.06		65		
			1100			14	5	5	.06		65		
			05			15	5	5	.34		105		
			10			16	5	5	.34		105		
			15			17	5	5	.64		59		
			20			18	5	5	.64		59		
			25			19	5	5	.36		62		
			30			20	5	5	.36		62		
			35			21	5	5	.14		20		
			40			22	5	5	.14		20		
			45			23	5	5	.22		27		
			50			24	5	5	.22		27		
			55			25	5	5	.20		42		
			60			26	5	5	.20		42		
			65			27	5	5	.12		58		