

Spring Sun 917' - 71° 20' 108' - 71°
962' - 71° 20' 1127' - 69°
984' - 71° 20' 1132' - 69° 10'
1070' - 71°
1046' - 70° 2'

Whitehorse Copper Mines Ltd.

MINING DIVISION - WHITEHORSE
YUKON TERRITORY

Wedged from 515W 1 @ 875'

PROPERTY <u>North Star</u>	Claim No. _____	Strike _____	Lot. _____	Hole No. <u>NS 15 W2</u>
Date <u>1/10/1981</u>	Section No. _____	Dip _____	Dep. _____	Total Depth <u>2307</u>
Logged By <u>A. Hancock</u>	Plan No. _____	Level _____	Elev. _____	Page No. <u>1</u>

FOOTAGE		ROCK CLASSIFICATION		MINERALIZATION		ASSAY DATA							
From	To		Epid Diop Garn Serp Qtz Sil Actino Tremo Chlo Crystalline Shearing Veins Fracturing Foliation Grain Size Texture	TYPE	%	Sample No	Width	Recov	%Cu	%Fe	Moly	Au/Ag	Insol
			Reamed from 875-882										
			See NS 15										
882	913	8a/13	alt d mag diorite with inclusion & smannered Cap, dioritic diorite 1' Serp chl rich sect @ 888-889' occ veins hornfels.										
913	927.5	3	lgd/s pale green & red SM bits buds w/ky mag	mag	Tn								
927.5	935	3	s/m d/s 1' & d/s green s/m d/s										
935	938.2	8a	alt d diorite dyke										
938.2	939	9b	ty Ep dyke 40°-20°										
939	940.8	5/135											
940.8	941.1	9b	dyke										
941.1	953.5	3	sm/s budding 40° + r py in bin buds										
		3/2	dg 2' sect with dissem CP + trmsz 944.5 - 946.5	-P mosz	.3 Tn								

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PLOTTED 40' SECTIONS	INITIALS
PLOTTED 40' ASSAY PLANS	lm
PLOTTED 40' GEO. PLANS	
ASSAYS CHECKED	lm
INTXN. GRADE CHECKED	✓

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FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au / Ag	Insol
1047	1052	3	agg, ls interstitial w/ ca										
1052	1072.4	3	d, g, a, s & ca qtz brn ss with patches & sects to 1.5' of ca cts 60-80° toward end										
1072.4	1097	5	w/ marble with remnant of qtz buds loc 50°, patches & fract filling to 3mm of ls as below from 1093.5										
1097	1099.5	1	ls mag shown with strks + dissem cp patches val interstitial bding 65°	cp, val	2								
1099.5	1102	5	w/ marble										
1102	1106		reamed										
1106	1106.5	5	w/ marble										
1106.5	1107.6	1	ls as above cts 80°	cp val	2								
1107.6	1114	5	w/ & qtz recrystallized dolo ls 37°										
1114	1113.2	1	ls as above lower ct 40°	cp val	2								

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FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag	Insol
1343.5	1347.2	8e	13dg endo SM										
1347.2	1349	35	grn SIT										
1349	1352	3	deg/8a pale grn SM										
1352	1353	3	S as above										
1353	1357	3	dg/8e + Ca										
1357	1362.2	3	5/5, limy 1st dk grn SM										
1362.2	1366	4 1/3d	gy grn Fg hornfelsic serpd on fract's possibly dyke dissimpy	py	1								
1366	1446	8e	mggalt'd dioritic gneiss Fg clastic sed or volcanics near upper Ct. OCC K fcl's K fcl's + patches epidote good coring increasingly silicified 1400-1425' bldg wh - pale grn 1424-1446 sect + S Fg mafic rock bldg CP in stratified sect @ 1443'										
1446	1449	3 1/2	Sde & Ca grn SM with occ bldgs Do, lower Ct 47°	Do	.5								

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FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au / Ag	Insol
1536.5	1558	8a	1/3 e, d, s + co, hly ctd metamorphosed diomite lower ct + 25°, incl 513 5/3 @ 1547' ±"										
1558	1561.4	9a b	gy grn andesite dyke										
1561.4	1573	8a	pale grn ctd diomite mafic content increasing to 50% from 1568' lower ct + 30°										
1573	1581	3	5/5, dr grn sil lower ct gradational, occ patch qtz + diop. 31g pale brn grn Sect 1576.5-1577.5										
1581	1587	5	1/35 wh, gy pale grn marble vogue budding 45° toward end										
1587	1590.3	3	1/3, Serp mag SK with occ specs CP, 40°, loc content	CP	tr								
1590.3	1591.4	5	1/35m, gy grn marble with mag as dissem patches to 3mm										
1591.4	1594.3	5	1/35 wh grn marble lower ct 80°										
1594.3	1597.5	1	blk SK with ca on fract CP dissem & buds to 5mm discontinuous 65° minor de, vol,	CP, b, vol	5								

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FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No.	Width	Recev.	% Cu	% Fe	Moly	Au/Ag	Insol
1597.5	1600	1	S.C, blk grn SM patchy dissem bo tr cp, lower ct + gradational	bo, cp	1								
1600	1608	5	lvs marble, w pale grn occ dk grn sp patches mag grains dissem to 3mm to 1601'	mag Tr									
1609	1609.8	9b	gy grn chloritized dyke cts 65°										
1609.8	1611.3	3	sld gy grn sh bxd + ckt bckd along fract's										
1611.3	1617	3 1/2	lvs gy grn massive sh with patchy dissem cp lower ct 25%	cp	.5								
1617	1617.5	9b	gy grn dyke as above										
1617.5	1625.7	5	wk/pale grn marble, patch dk grn sh @ - 1620', ct @ 30° @ end										
1625.7	1632	9ab	gy grn dyke cut by num car filled fract's bckd along other fract's, pale grn fcis veinlets @ 1629.5, facis 5 @ 1631 ct @ 1632', 20°										

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FOOTAGE			ROCK CLASSIFICATION Epid, Diop, Garn, Serp, Qtz/Sil, Actino, Tremo, Chlo, Crystalline, Shearing, Veins, Fracturing, Foliation, Grain Size, Texture	MINERALIZATION		ASSAY DATA							
From	To			TYPE	%	Sample No.	Width	Recov.	%Cu	%Fe	Moly	Au/Ag	Insol
1632	1642.6	5	1/35 qy loc pale grn ls loc good bedding 50°										
1642.6	1655.5	9	ab qy grn dyke as above lower ct 10°										
1655.5	1657.3	5	1/35 as above										
1657.3	1679.5	9	ab dyke as above epidote patches incl 5 @ 1669.2 - 1670.2, cte end 34°										
1679.5	1681.5	5	1/35 qy marble with occ patches mag	mag	Tr								
1681.5	1683	3	1 mag sk with interstitial ca tr serp, chl, tr cp bo	cp	Tr								
1683	1687	3	1, 5 m phlog rich sk occ bleb cp	cp	Tr								
1687	1691.5	3	1/2 d.e, 1/2 grn sk occ patch serp, phlog, patchy specs cp bo	cp, bo	.3								
1691.5	1698	3	s, c, dr grn sk, no sulphides seen										
1698	1700	2	s/c, dr grn sk with blebs cp	cp	1.5								

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