

Whitehorse Copper Mines Ltd.

MINING DIVISION - WHITEHORSE
YUKON TERRITORY

1000 60°
1330 63°
1715 65°

PROPERTY <u>NORTH STAR</u>	Claim No. _____	Strike <u>W</u>	Lat. <u>24S</u>	Hole No. <u>NS 6</u>
Date <u>4/7/</u> 19 <u>80</u>	Section No. <u>245</u>	Dip <u>-58°</u>	Dep. <u>7+02 W</u>	Total Depth <u>1896</u>
Logged By _____	Plan No. _____	Level <u>Surface</u>	Elev. <u>2755'</u>	Page No. <u>1 of 15</u>

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
0	37	06											
56.5	80	14	Dioritized grt + on pyroxene 30% mafics, cl asph + mph 5% of rock bio, dissemin py carb in matrix, clots, small in cl ep, act & py, small angular siltstone incl, ep, act, & z on veins, incl 15-20% of rock C + @ 56.5 30°, 39, e, g + 2 act	py	2								
56.5	135.5	79	blchd siltstone, minor ss & cong, ep veins, & + 2 ca veins patchy epidote alt, occ patch siltstone, loc bndg grt + silt @ 66' 36°, gen massive, blching in veins & s @ 72' patch 3 d, g, e, in irreg 3" vein with K spar, @ 77' bnding 53°, epidote alt more dominant in grt bnds, py dissemin & fract Fr 120-132 grt & cong with siltstone bnds (39, e, d, a, Ca + py mafic rich greywacke, cong with	py	2								

WHITEHORSE COPPER MINES

PLOTTED 40' SECTIONS SEC. 1" = 100'	INITIALS SM
PLOTTED 40' ASSAY PLANS	///
PLOTTED 40' GEO. PLANS	///
ASSAYS CHECKED	NONE
INTXN. GRADE CHECKED	///

[illegible]

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From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag	Insol
		32g	194-195 massive sil										
		8a	195-196.5 alt diorite										
207	225	5/35	partly recrystallized mg dk grn ls patches & specs Serp dk grn & yellow frn bedding @ 221', 57°										
225	229.5	X	mainly 5/35 rubble act with 8										
229.5	266	8a	mg. epidiorite, Sects from 240 intensely bleached patches qe, & ca veins & patches X rubble 240-241.5 35/5 Serp ls incl 241-242.5 Fr 252 fresh - bleached in patches 6" rubble at end										
266	270	35	pale yellow grn with few blm bnds										
270	313	8a	mg - cg alt d. orite, grt + act diorite or dioritized sds? inclusion										
289	290.6	4g/3	bleached sil with act, e, py veinlets										
313	331	35	ca green s.s. with patchy d, q, contains phlog & minor mag bedding @ 310' 63°	py mag	Tr Tr								

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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From	To			TYPE	%	Sample No.	Width	Recov.	%Cu	%Fe	Moly	Au/Ag	Insol
1436	1562	90	67 F, porphyry dyke 2' chill 204- at top, 20% wh fields & crystals to 1 cm, occ crossed by 10-12, 149 3.5 - 1508 Fine grained Sacrificial dyke cutting F Ti dyke @ 2140 mag dyke 1500-1510, brown & greenish										
1584.5	1591.5	5	1531 1534 py breccia (43°) so along 1535-1536 py breccia 1537-1538 90 1539-1540.5 ls with siliceous py with Fe-rich zones 4 1541-1542 py breccia 1543-1544										
1584.5	1604	5	1420 ls, with occ siliceous above, few fract with S										
1604	1626	5	mg, medgy banded ls (60°) stain @ 1603 50-50 dol-ca										
1626	1632	9	90 Fqgru dyke 9, d, s margin mag & trcp on upper ct, py & act in skarn at lower ct 35°	mag CP	Tv Tv								

[illegible]

[illegible]

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From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag	Insol
1806.5	11813.3	9a	brn (Fe, py, xocrysts, upper + 46, lower ct, irreg sharp.										
1813.3	1815	4	blchd sandstone spots epidate & veins e, act & py, no dissem py										
815,	1896	9g/9	var blchd brn pyritic interbedded Siltstone & Sandstone, loc bedded gen massive, 30-40% blchd grn vein & patch, (beach deposits) few qtz veinlets, blchd sects 1819-1821, pervasive Chloritization of bio, few patches veiled bio, distinct veinlets white blchd halos, veins, of py, act, ep, to 1840, partly blchd sand & siltstone with few grit beds, 1.5cm dyke as above, by dissem mosz on fract @ 1829' From 1840 coarse sand to grit rip up clasts, ends sharply at 1846 19% dissem py, py also with qtz & ca in fract From 1846 brn mainly silty to 1876.5 20% breching vein related, pyritic, veins with act & py	mosz	Tr								
				py	2								
				py	2								

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From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au / Ag	Insol
1815	1896	792	banded zone + massive - 1822 as collect bedding 46° @ 1864, 1867, banded zone massive, bio some bl/chd grain with Feldspar @ 1870-72 Co @ 1872 43°, black grit below rock mass, feldspathic grit, coarse to end angular feldspar dissem py large essentially feldspar grains with moderate ss with feldspar, blending of massive loc above rock domestic appearance	py	2								
	1896		Hole stopped										