

MINING DIVISION - WHITEHORSE
YUKON TERRITORY

100, 200, 400, 750
600, 800, 1000

1400 78°
1400 78°
1600, 1800 78°

PROPERTY <u>NORTH STAR</u>	Claim No. _____	Strike <u>EC</u>	Lat. <u>2800 S</u>	Hole No. <u>NS8</u>
Date <u>2/7/</u> 19 <u>80</u>	Section No. <u>295</u>	Dip <u>-73 1/2</u>	Dep. <u>7+22 W</u> ✓	Total Depth <u>1866'</u>
Logged By <u>G Morrison A. Herrera</u>	Plan No. _____	Level <u>Surface</u>	Elev. <u>2752'</u> ✓	Page No. <u>1</u>

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FOOTAGE		ROCK CLASSIFICATION Epid, Diop, Gorn, 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
614	625	35/dg w hly mag 1+ grn - blk siltst pyroxenite & hornblende	mag	Tr								
629	667.5	35//dg/8a 1+ grn & blk siltst with sections of mag with pale green rhyolite diorite loc bedding 30-50°, loc w hly mag	mag	Tr								
67.5	680.5	4g red brown pyritic siltstone upper ct irreg 24° bedding along core to 20° in siltstone cut by 2.5' section black 8a from 673' veinlets act, py, qtz, py in siltstone 1cm cl veinlet @ 10° to core @ 679' with streaks & black py black oxts, epidote alt d 8a @ lower ct	2-3%									
680.5		35/8a 1+ grn to blk serp siltst with siltst 8a 8a 689 to 702, 3dg/ls 705.5 to 708, bedding in 35 gen 40° 8a 729 to 743 alt diorite 4g 1' bed pyritic siltstone, act, epidote serp alt n.										

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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
	1326	3sc blotchy texture dark green crystalline serpentine (ex fo?) with interstit carbonate	irreg contact		70° at 1326							
	1348	5/35 bleached & part grey-green Tinted m.g. dolomite & limestone										
	1354-6	3s dark green serpentine patchy to 1350 then light green calcite serp ± diop no magnetite										
	1369	5 bleached white limestone few patches dark green serp	25° @ 1369'									
1369	1380	3sc patchy texture serpentine skarn with dark green, bright green & yellow buff pseudomorphs of forsterite? (from xtal shape) with calcite matrix (30-60%) no magnetite.	spec 1375 for + s. irreg contact		36° @							
1380	1396.5	5 white - lt gy bleached limestone < 10% dolom veins patches relic mid grey m-c.g. very sharp contact	duplicate log to 1437 contact 51° with skarn									
1396.5	1399	Impg dark grey brown magnetite garnet calcite qtz skarn massive m.g. granular mt (30%) c.g. euhedral dark honey brown garnet (30%) interstitial c.g. calcite, quartz minor diopside ± act no obvious reaction relations m-g. granular chalcopyrite locally with mt	mt cp	20% 0.2%								
1399	1408	3smc dark green - black massive - irregular banded serpentine magnetite qtz calcite ± diopside skarn	mt cp banded 63° mt lvs. irregular	30% < 0.1% Cu								

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From	To			TYPE	%	Sample No.	Width	Recov.	% Cu	% Fe	Moly	Au/Ag	Insol
1399	1408	9.5m	contd minor gnt + cp at upper contact serp + diop 40% mt 30% qtz, cc, fo? ± phlog f.g. granular mt in matrix of stringy serp + diop minor massive veg bladed mt at 1401 massive cp band 3in wide near 1405 Sharp contact lower										
1408	1414.5	3m	massive black f-mg magnetite rich skarn with patches-bands & interstitial qtz-cc-humite? minor serpentine 60-80% mt irregular banding qtz-cc 77° at 1412	mt	70%								
1414.5	1437	3dms	massive patchy-banded mostly green diopside-mt-cc or mt-serp-cc or mt-humite?-cc f.g. mt rich 1415-1417.5 - 1427 m-f.g. serp ± act rich - 1432 mt rich f.g. granular mt cavity v.c.g. calc + diop xst - 1436 minor dark honey gnt + radiating humite + diopside matrix f.g. mt. (10%) - 1437 serp-mt-diop-cc fr sphalerite?	mt cp + r	15%								

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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
1433.2	1435.8	3	lgm, green & brown skarn with lenses & patches magnetite few specs bs & cetc, bedding loc 40°	mag	10								
				cp	12								
1435.8	1437	3	sdm, green & black skarn, diopside xtals to 4mm dissem fg mag lower ct ivreg @ 70°	mag	90								
1437	1450.2	5	1/3 s white & pale green partially scupd xtaline dolomite limestone @ 1449 bedding 30° garnet developed @ upper ct										
1450.2	1462	9b, 35m	dark grey green, serpentinized type, numerous ivreg ca filled fract's 3mm in fract @ 1453' 6" 35dm from 1457' with cts @ 60° & 40° ct @ 1462' 30°										
1462	1466.3	8a	1/3 s green & white skarn & skarnified diorite, luggy to 1364' contains dissem mag ct @ 1466.3 appears gradational vague bedding ± 40°	mag	< 3								

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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
1466.3	1509	9a	b74 gty white & green feldspar porphyry dyke felds grains equidial to rounded to 1cm in green groundmass, xenocrysts locally chloritized, from 1499' bleached along fractures with patches (rounded) of epidote, sheared @ lower ct 40°										
1509	1534	3	dc/5g light green smarr with patches dark green serpentine latter at times with dissem mag occ patches red brown garnet, + cp & bo @ 1532 ~ core very broken 1510-1511.5 ~ & 1526-1527	mag	<1								
				cp	Tr								
1534	1544.6	8a	1/3 deg sm, sections smarr and alt d liavite, 3/4 deg From 1539 to 1541 green & black smarr with occ specs 30% 3/4 bo & cp, 1535 to 1536.3 gty derived smarr lower ct 50°	bo cp	.5								
				mag	5								
1544.6	1557.3	2	de ms green/black smarr with patches bicks & dissem mag, dissem cp streaks bo & cp on fract @ 1549'	cp bo	.75								
				mag	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
1557.3	1570.3	3 1/2	de, s, m, green skarn as above but with less serp & mag, occ spec cp, cp on fossils @ 1568.5 remnant of ls @ 1568', good coring	mag cp	<1 .3								
1570.3	1586	2	de, s, m, med grn / black skarn mag and serp as patches & specs replacing 2 de, cp as dissemin specs & fault filling occ spec bot & core? 2" ca @ 1577' 90°, minor garnet to 1575, mainly diopside, more garnet to 1584	cp, bo core?	1								
1586	1600.6	3 1/2	de, s, m, green skarn as above but with buds 35m toward end, occ spec cp good bedding in 35m @ 1600' 55° core v broken to 1595-1597, tv bo 1586-1587 mag vining serp, vining serpentine	cp bo	.3 Tr								
1600.6	-1640	3	de, s, m, green & black skarn mag serp skarn as specs patches & buds replacing 3 de, occ specs fq cp, perth garnet @ 1633 core v broken 1602-1603 1616-1617, 1631-1633, to 1600-1604.5 gtd diorite. endo strain to 1610, less diopside more carb & serp from 1616'	cp mag bo	.3 2 <1								

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