

YUKON TERRITORY

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NEW IMPERIAL MINES LIMITED
MINING DIVISION - WHITEHORSE
YUKON TERRITORY

Hole No. V 17 Page No. 2

FOOTAGE				ROCK CLASSIFICATION EPID. DIOP. GARN. SERP. QTZ/SIL. ACTINO TREMO. CHLÖ. CRYSTALLINE. SHEARING. VEINS. FRACTURING. FOLIATION. GRAIN SIZE, TEXTURE	MINERALIZATION				ASSAY DATA					
From	To				TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL
386	418	5	5b	Blk - dk gy graphitic limestone, patches and irreg streaks, cte bnding vague 60 - 70° fossil remnants? good coring										
418	505.5	9a	b	pale grey dacite dyke loc porphyritic 1st ct 60° lower ^{ct} broken good coring, to 3% py										
505.5	506.8	5b		as above gy - blk, cts irreg.										
506.8	583.9	9a	b	grey dyke as above, xnocrysts to 1/4" toward lower ct, broken at contact, good coring, to 3% py										
583.9	671.8	5b		dk gy - blk graphitic limestone, num irreg fract fillings cte										
		Δ Δ		bx'd from 604 - 608										
		~		fault 609 - 610 calcite filled curved lines, shell remnants? 3" white cte from 637'										
671.8	847	5		white & grey limestone, bnding at 683' @ 60° minor 5b, good coring										

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FOOTAGE			ROCK CLASSIFICATION EPID. DIOP. GARN. SERP. QTZ/SIL. ACTING 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.
847	876	5b/5	dk gy & white limestone, sects bxd, fragments of dark Ls in cte matrix, loc vague ^N bding 60°, good coring										
876	964	5b	dk gy - blk limestone, patches & fracture fillings white cte 1" graphite @ 932' 917 - 922 core broken										
964	1101.8	5	white & grey limestone, gen massive - white to 101 ⁹ ₈ ' bnding 30° @ 1013 Continued										
964	1101.8	5	loc good ^N bding 45° - 60° ~ healed fract's @ 1063 & 1071 serp'd, 20°										
1101.8	1103.2	3s	L Pale grn skarn, vfg, mylonitized bnding 45°										
1103.2	1145.5	4q ≡≡	grey quartzite, loc hvy py (to 5%) very broken 1121 to 1124 1136 to 1145.5										
1145.5	1349	4q	grey fg - cg qte sections with fels grains to ^{1/2} "/ ₁₀ " num irreg cte filled joints, good coring										
1349	1351.5	4q X	Lchd broken 1/2" carb filled shear @ 1349'										

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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
1351.5	1369	4q	grey quartzite hvly carbonated num cte filled fracts to 1/8" dia tr fg py										
		≈	gouge - rubble from 1368										
1369	1430.3	4q	grey, carbd on joints, core highly fractd to 1414' angular fels grains toward end										
1430.3	1432	4q	pale green breccia, fractd & healed qtz vein? dissem fg py										
1432	1433	9b	dk gy fg basic dyke										
1433	1444	≈	4q rubble, fragments of qtz.										
1444	1497	4q	med gy qte good coring tr fg py, 6" rubble from 1484 4" cte from 1481										
1497	1513.5	4q	g, highly fractd loc leachd, num carb veinlets serp and mud on slips										
1513.5	1535	4q	grey grn num cte veinlets, good coring										
1535	1536.2	≈	sand cave - rubble										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOY.	%CU	%FE	MOLY	AU/AG	INSOL
1536.2	1554	4q	grey qte loc fels grains to 1/8" ^{cave} core at 1553'										
1554	1555	~	rubble (4q) hole caving										
1555	1735.2	4q	f feldspathic qte med gy, fels grains to 1/4", text loc dioritic, very good coring ~ 1657' 5" rubble hvy py at lower ct										
1735.2	1735.5	9b	dk gy porphyritic basic dyke cts irreg @ 60°										
1735.5	1754	4q	pale gy grn qte, highly sheaved ^r along core carbd on joints										
1754	1785	4q	f gy grn feldspathic qte moderately fract'd to 5% py from 1783'										
1785	1805	9b	dk gy - blk porphyritic basic dyke, cts 30° & 45°										
1805	1821.5	4q	f/3 grey grn vague bnding, along core to 20° carbd on joints										
1821.5	1824.5	9b	basic dyke, cts chilled 30° & 45°										
1824.5	1831	4q	3d pale grn qte bnding 30°										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL
		3H	at 1825.5 3/8" str hem with strks & blebs py and cpy at 30° sample 1825.5 - 1826	cpy	1/4%	3507	0.5	0.5					
		~	1829 - 1831 breccia & gouge										
1831	1865	4q	f grey feldspathic qte, coarse grained, good coring										
1865	1914.5	9a	b grey grn dacite? dyke, large xnocrysts from 1869 to 1910 - to 3/8" dia, fine grained chilled at cts 45° 6" qtz & cte 1866.2 to 1866.8										
1914.5	2009	4q	f med gy mg - cg feldspathic qte num, irreg carb filled fracts, good coring broken 2000 - 2002 & 2007 - 2008										
2009	2012.5	9b	dk gy grn basic dyke, cts 45°?										
2012.5	2014	4q	f grey feldspathic qte										
2014	2015	9b	dk grn basic dyke, -To be deepened										
2016	2016.3		Rubble	(A.Q. Core from here)									

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL
2016.3	2024.8	4f/3?	felds rich sed, grains to 1/10"										
			cte strg & veinlets, serpentized healed fract										
2024.8	2026.5	5/3	e, a, wh, grn skarnified Ls										
2026.5	2044	4f	mg, gy wh, blk feldspathic grit moderate jointing										
		9b	2041.8 - 2042.3 chilled										
			basic dykelet, 60° & 45°										
2044	2045.3	5/3	e g a, wh skarnified Ls, minor hem										
2045.3	2056.8	4f	as above										
			wh, pale gy, grn diorite?										
			stringer along core 1", from 2046' - 2047										
2056.8	2063.9	9b	1" chill ct at 25°, lower ct not chilled @ 30°										
2063.9	2084.6	4f	med grained feldspathic grit, fg blebs epidote										
			weakly skarnified - altd. good coring										
2084.6	2089.6	9b	fg gy grn basic dyke										
			chilled cts @ 20° & 80°, irreg.										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL
2084.6	2089.6	4f	as above, weak dioritic text? breccia frags angular - sub rounded, 1/2" dia sparse, fair coring										
2089.6	2117.9	4f q	gy grn med grained from 2111 broken altd.										
		9b	2114.6 - ^{2115.5} 215.5 fg grn basic dyke cts @ 40° color and text similiar to seds										
2117.9	2186	9b	pale gy fg basic dyke, fair - moderate coring inclusions? felds seds 2137 - 2140, 2127-2128 , incls skarn (3 d ² e) 2136' - 2137' with Hem broken core 2150 - 2156, 2½' lost 2168.5 - 2178 very broken, 9' lost 2187 - 2188 broken, chilled cts 35° & 25°										
2186	2224.4	4f g	feldspathic grit, fair coring py on joints										
2224	2236	9b	dk gy blk fg, 1 - 2 m m wh xenocrysts, broken 10' lost core,										
2236	2284.5	4fg	broken gy grn, fair recovery, fg dissem py, minor epidote										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL.
		9b	2262.4 - 2263.7										
			cts @ 70°, broken from 2262										
2284.5	2286.9	4A	bx d ct at 40°										
2286.9	2304.4	4f	g felds sed as above										
2304.4	2328.5	9b	ct @ 40° (upper) fg, gy, grn, basic dyke, well jointed										
		4f	g incl altd seds 2312. 4' - 2319.3'										
			gy felds grit altd, cts broken 60°?										
			2320.4' chilled ct, 45°, wh cte strs thruout.										
			1/2" wh cte 25% py 30°										
2328.5	2338.2	4	q f med gy broken, num cte strs										
2338.2	2340.8	9b	lower ct 65°										
2340.8	2349.1	4f	g q heavily carbonated minor py										
			2343 - 2349 broken, 1' lost										
			2344 - 2346 broken & mud										
2349.1	2353.5	9b	well jointed										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL
2353.5	2355.4	4f	g altd hvy carbd										
2355.4	2356.3	9b	fg grn basic dyke cts 30° - 50°										
2356.3	2358.8	4f	g ^a altd well jointed, hvy carb	py	2								
2358.8	2360.8	9b	basic dyke, chilled cts 30°										
^e 2360.8	2362	4f	g altd, dk gy, carbd hvly										
2362	2363.2	9b	basic dyke, chilled ct 40°										
2363.2	2363.9	4f	g altd, carbd as above										
2363.9	2364.5	9b	basic dyke										
2364.5	2396.2	4f	q/5? Hvly carb'd med gy well jointed - broken										
		9b	2385.8 - 2386.1 fg basic dyke 45°										
		~	2388 - 2390 shattered core										
			2386 - 2386.5 epidotized										
			2391 - 2391.5 broken										
		3s	2391.5 - 2392										
		--	2393 - 2397 broken										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL
2396.2	2397.8	9b	fg grn micro γ										
2397.8	2408.5	4q/f	well jointed gy grn possible dyke, included										
2408.5	2411.5	9b	fg dk grn basic dyke, small blk xnocrysts										
2411.5	2449	4f	γ 2433 - 2438 v broken 1' lost										
2449	2466	4f	/3 g d e, well developed garnet epidote skarn in feldspathic sed, good coring										
2466	2468.6	9b	lower ct 30° irreg										
2468.6	2479	4f	/3 g e d wkly skarnified felds sed well developed garnet in patches esp along joints										
2479	2500	3g	d e /4f good coring gy grn brn, dissem py, Tr cp dissem 2479.5	py cp	1/2 Tr								
2500	2512	4q	f altd felds qte not strongly skarnified, jointed, cte veinlets										
		--	2500 - 2502 broken										

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From	To			TYPE	%	SAMPLE NO.	WIDTH	RECOV.	%CU	%FE	MOLY	AU/AG	INSOL.
2512	2522.9	3g	brn massive garnet skarn minor e, a, leach & broken in patches 2517 - 2524, 2' lost										
2522.5	2528.5	5	white gy ls minor, ^S l, g, a, vuggy with cte xtals. 3% dissem py										
2528.5	2530.6	3a	d g e/5 pale grn, vuggy dissem py, fg										
2530.6	2536.4	4g	f hvly carbd, 2% py, fair coring altd										
2536.4	2538.2	9b	v fg grn basic dyke, chilled cts @ 45°										
2538.2	2543	3a	dk gy hvly carbd, after 4? py	py	2								
2543	2554.8	9b	fg micro ^u basic dyke hvly carbd ct 45° (lower) inclusion, 2544.4 - 2446 inclusion carbd gy seds vuggy 1st ct 1/2" epidotized slip 2549 - 50 broken core										
2554.8	2579	3a	f/4 hvly carbd, after limestone? felds xenocrysts relics of sediments, good coring 2" qtz vein @ 2 568'	Hole at 3238' 28 feb in Sharnified feldspathic Sediments Locally dioritic texture Hole will be continued into diorite if possible									