

# DRILL HOLE LOG

HOLE No79B-7  
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COORDINATES 0 + 15N - 4 + 50E  
ELEVATION 5330'  
DIP 52°  
AZIMUTH 275°

CORE SIZE BQ  
HOLE STARTED 28/09/79  
HOLE COMPLETED 1/10/79  
LOGGED BY J. Schmidt

FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
0				
10	Bedrock			
20	Pbmcs* BIOTITE MARBLE AND SCHIST: dark blue grey siliceous biotite schist and siliceous biotite dolomitic marble with light grey brown altered equivalents.			
30	70° pegmatite quartz monzonite sill 40°, perpendicular to foliation 60° rusty limonite staining along fractures. calcite, minor sandy gouge, small core fragments.	(7)	T	I
40	KTqfp* DARK GREEN DYKE: medium-dark green equi-granular fine grained amygdaloidal dyke rock with white calcite filled amygdules. Fine grained phenocrysts, dark green crystals in grey green matrix.			
50	yellow brown oxide or carbonate.	(32)	T	I
	Pbmcs* BIOTITE MARBLE AND SCHIST: bleached and siliceous equivalents of biotite schist.			

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COORDINATES  
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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
60	Pbmcs * BIOTITE MARBLE AND SCHIST continued: bleached and altered siliceous biotite schist unit; grey and tan colour with abundant hairline fractures.	(30)	T	2
70	tan coloured sandy gouge Dark grey and blue grey siliceous biotite schist with biotite, hard blue grey porphyro- blasts; chlorite? gradational to dolomite schist; core is weakly limy.	(30)	T	2
80	altered quartz monzonite dyke. Light grey, more siliceous variety of biotite schist, less lime.			
90	quartz vein quartz vein	(1)	T	1
100	quartz vein Dark grey and blue grey siliceous biotite schist unit with dolomitic schist sections.			
110	pinkish grey bleached altered siliceous equivalent.	(3)	T	1

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
120	10° clay gouge Pbmcs* BIOTITE MARBLE AND SCHIST continued light brown weathered equivalent of grey biotite siliceous dolomitic marble.			
130	35° Dark grey foliated biotite siliceous dolomitic marble; chloritic with blue grey porphyroblasts, hardness about 5-6; also light grey hard siliceous sections and light brown weathered equivalents; weathering along hairline fractures and joints.			
140	light brown weathering	(1)	T	I
150				
160				
170	Pcss* BANDED SKARN AND CALC-SILICATE SCHIST: light green banded pyroxene-wollastonite-vesuvianite garnet quartz skarn Garnet is pink, pyroxene light green. -wollastonite, Pggi GREY AND GREEN INTERBANDED SCHIST: vesuvianite, pyroxene. Dark grey siliceous biotite schist with minor skarn or calc-silicate gneissic bands.	(20)	T	I
	Pcss* BANDED SKARN AND CALC-SILICATE SCHIST: light green banded pyroxene vesuvianite wollastonite garnet banded skarn; contact 40° to core.	0.02	20	
	20° quartz Psk* DARK GREEN MASSIVE SKARN: dark green weakly banded to massive pyroxene-garnet-vesuvianite skarn with dark green pyroxene, red brown garnet, dark brown vesuvianite, minor disseminated and vein pyrite, pyrrhotite	0.24	20	
20° 10°	pyrrhotite quartz chlorite pyrrhotite pyrite vein.			

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
180	quartz vein Psk*	0.01	T	
	fracture with quartz, pyrite, 10°, rusty. Kqm*	0.08	20	
	Pggi*			
190	light green banded pyroxene-wollastonite-vesuvianite-biotite calc-silicate gneiss. Pyroxene band.	(35)	T	3
	Quartz monzonite dyke 10° to core with graphic texture, tourmaline.	0.01	10	
	Dark green and light green banded pyroxene vesuvianite garnet wollastonite skarn Biotite marble			
200	White and green banded pyroxene-wollastonite-vesuvianite-garnet skarn with pink garnet and green pyroxene. Pbmcs*	(10)	T	2
	quartz monzonite sill, 4" wide. Psk*			
	DARK GREEN MASSIVE SKARN: dark green massive and banded pyroxene-vesuvianite-garnet wollastonite skarn, light and dark green pyroxene, pink and red brown garnets, dark brown vesuvianite.			
210	Pbmcs*	<0.01	T	
	BIOTITE MARBLE AND SCHIST: Fault zone-fragments of biotite marble in sandy clay gouge, also with calcite stringers. 60-80% core recovery.			
220	Psk*	0.14	30	
	DARK GREEN MASSIVE SKARN: highly fractured, dark green, pyroxene skarn breccia with calcite stringers, weakly disseminated mineralization, some mineralized fractures and some quartz vein related.			
	Pbmcs*	0.06	T	
230	BIOTITE MARBLE AND SCHIST: biotite marble breccia filled with sandy clay matrix and gouge.			
		(14)	T	3
240				

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
240	Pbmcs* BIOTITE MARBLE AND SCHIST continued: fault zone continued, biotite marble breccia with sandy clay matrix.			
	end of fault zone			
250	50° Pggi* GREY AND GREEN INTERBANDED SCHIST -quartz monzonite dark grey siliceous biotite dolomitic marble sill, 4" wide. with variable silica content and light green pyroxene bands. light green pyroxene			
260	+ quartz monzonite dyke- altered - medium grained biotite quartz monzonite. Quartz monzonite - tourmaline light brown weathering breccia. Light green pyroxene biotite calc-silicate gneiss.	(9)	T	2
270	70° 4" quartz monzonite sill			
	Psk* DARK GREEN MASSIVE SKARN: dark green weakly laminated to massive pyroxene garnet skarn, calcite vein dark green pyroxene, red garnets, minor biotite with minor pyrrhotite and pyrite.	0.10	40	
280	light green pyroxene, garnets rimmed by dark green mineral. Calcite vein. Light green pyroxene bands. Pggi*			
	GREY AND GREEN INTERBANDED SCHIST dark grey and light green banded siliceous biotite schist and dolomitic marble with pyroxene bands.	(5)	T	1
290	light green pyroxene bands. chalcopyrite in fracture at 30° Altered garnets - chlorite? with garnet cores.			
300	fracture 10°			

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CORE SIZE  
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FOOTAGE		DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
300	<p>Pbmcs</p> <p>Pale green pyroxene band.</p> <p>Calcite filled fracture 10°.</p>	BIOTITE MARBLE AND SCHIST: dark grey siliceous schist and marble.			
310	<p>Pale pyroxene dark green altered garnet and quartz.</p> <p>Pggi*</p>	<p>Olive and grey green altered equivalent of biotite schist and dolomitic marble, rusty weathering along fractures.</p> <p>GREY AND GREEN INTERBANDED SCHIST</p> <p>banded siliceous biotite schist, siliceous dolomitic marble with pyroxene bands. Dark grey and light green banded siliceous biotite garnet schist interlayered with pyroxene quartz bands and minor garnet wollastonite pyroxene vesuvianite bands.</p>	(40)	10	5
320	<p>Quartz carbonate veins 40°.</p> <p>Pyroxene quartz rich.</p> <p>Rusty altered olive green equivalents.</p>	<p>Biotite about 50%, pyroxene bands about 50%.</p>			
330	<p>Pcss*</p> <p>Pggi*</p>	<p>BANDED SKARN AND CALC-SILICATE SCHIST: weakly banded pyroxene garnet skarn, minor pyrrhotite. Biotite and pyroxene gneiss. Pale green pyroxene garnet vesuvianite banded calc-silicate gneiss.</p> <p>GREY AND GREEN INTERBANDED SCHIST</p> <p>dark grey siliceous biotite garnet schist, many garnets chloritized.</p>	0.12	75	
340	<p>pyroxene, vesuvianite, garnet.</p> <p>50°</p> <p>20° quartz vein.</p> <p>vesuvianite, wollastonite, garnet, pyroxene.</p>	<p>Pale green pyroxene vesuvianite garnet calc-silicate gneiss interbanded with dark grey siliceous biotite garnet schist, minor wollastonite calcite quartz. Bands are generally from 1-4". Dark green altered garnets common with later pink garnets in calc-silicate bands.</p>	(20)	T	I
350	<p>wollastonite, vesuvianite, pyroxene, garnet skarn</p> <p>Vesuvianite garnet wollstonite pyroxene.</p>		(100)	T	I

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
360	<p>Psk * DARK GREEN MASSIVE SKARN: dark green massive to weakly foliated pyroxene garnet vesuvianite skarn. Very fine grained disseminated scheelite parallels foliation.</p> <p>Fragments of pyroxene rich rocks are suspended in pyrrhotite breccia which has 30-40% pyrrhotite with minor chalcopyrite, abundant quartz. Mineralized with fine grained scheelite, also coarse scheelite. Grey and dark green mottled and brecciated quartz pyroxene skarn</p>	0.40	60	
370	<p>Kap * QUARTZ BRECCIA: quartz, pyrrhotite breccia with coarse scheelite; probably a quartz-feldspar-fluorite aggregate; highly fractured white quartz breccia in pyrrhotite matrix, with fluorite, coarse scheelite in sulphide matrix, fine grained disseminated foliated mineralization and coarser scheelite along fractures.</p> <p>30-40% pyrite, pyrrhotite matrix Boxwork structures with hollow cores.</p>	0.40 1.63	30 200	
380	<p>Pbmcs * BIOTITE MARBLE AND SCHIST: dark blue grey biotite garnet quartz schist with minor dolomitic marble and light green pyroxene quartz bands.</p> <p>65° quartz carbonate 25° perpendicular to foliation. Pyroxene quartz garnet band. calcite vein</p>	0.22 0.41	180 65	
390	<p>Altered low biotite quartz monzonite dyke 30° quartz monzonite quartz vein</p>	0.10	20	
400	<p>Quartz monzonite sill and quartz vein, low biotite, muscovite quartz feldspar equigranular. 70° quartz Quartz monzonite dyke coarsely porphyritic biotite quartz monzonite.</p>	(30)	T	I
410	<p>Pbz * BIOTITE ZONE: A ZONE TYPE MINERALIZATION dark green and white banded pyroxene quartz dolomitic marble with minor brown biotite bands; very finely disseminated weakly foliated scheelite mineralization, minor remobilized mineralization along fractures. Grey brown banded biotite pyroxene quartz dolomitic marble biotite has replaced pyroxene, mottled texture, indistinct mineralization</p>	0.84	140	
420				

# DRILL HOLE LOG

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COORDINATES  
ELEVATION  
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CORE SIZE  
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FOOTAGE		DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
420	Pbz ↓	BIOTITE ZONE continued	0.19	35	
	Pbmcs *	BIOTITE MARBLE AND SCHIST: blue grey and brown biotite garnet quartz dolomitic schist.			
	70°				
	Kqm *	QUARTZ MONZONITE: grey coarse porphyritic quartz monzonite with areas of yellow brown alteration, quartz epidote-chlorite.			
	trace scheelite				
430	weak quartz epidote chlorite.				
	70°	Minor scheelite along fractures, frequent joints at 70°.			
440	trace scheelite		(225)	T	I
450	quartz vein				
456	End of Hole				