

# DRILL HOLE LOG

HOLE No. 79B-8  
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COORDINATES 0 + 15N - 4 + 50E  
ELEVATION 5330'  
DIP -90°  
AZIMUTH \_

CORE SIZE BQ  
HOLE STARTED 01/10/79  
HOLE COMPLETED 05/10/79  
LOGGED BY U. Schmidt

FOOTAGE		DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
		Bedrock			
10	Pbmcs*	BIOTITE MARBLE AND SCHIST: blue-grey siliceous biotite-schist and marble; weakly limy with variable silica content and grey-green altered sections. -biotite-chlorite schist & limy equivalents			
	grey-green weak chloritic alteration				
20	20°		(45)	T	I
30	qtz	rusty weathering			
	rusty weathering along fractures				
40	60°	pyrite in quartz vein			
	KTqfp*	DARK GREEN DYKE: amygdaloidal; dark green, fine grained with calcite amygdules.	(28)	T	I
	30°				
50	quartz monzonite dyke	BIOTITE MARBLE AND SCHIST: blue-grey biotite siliceous dolomitic marble and schist continued.			
	Pbmcs*				
	10°				
	bleached and fractured		(11)	T	I
60	quartz monzonite sill - broken up quartz				

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
60	Pbmcs* - bleached and altered pale rusty colour - rusty weathering and fractured			
70	Biotite schist with quartz bands. 70°			
	olive green, weakly altered schist	(13)	T	1
80	Dark grey and greenish equivalents Siliceous blue-grey schist with chloritic matrix in some areas, also light coloured altered equivalents. Biotite-chlorite-muscovite schist with pale epidote, talc 70° pyrite			
90	80° - weakly altered grey-brown chloritized equivalent } rusty pale yellow brown altered basic rocks	(5)	T	1
100	Pale green siliceous chlorite epidote?; tan altered porphyroblasts.	0.12	T	
	trace scheelite appearance of metamorphosed detrital rock			
	Blue-grey siliceous biotite schist and marble. - biotite-chlorite-muscovite schist			
110	quartz tourmaline vein 2" quartz monzonite sill	(40)	T	2
	pale rusty brown weathering and alteration			

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FOOTAGE		DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
120	Pbmcs*	Biotite Marble and Schist continued: Blue-grey biotite siliceous schist and dolomitic marble; also altered, chloritized equivalents, minor garnet. - pale rusty carbonate alterations along fractures			
130	Kap*	WHITE APLITE Sill: white aplite sill with intermittent disseminated biotite and biotite clusters.			
140		grain size increases with depth	(2)	T	1
150	Pcss*	BANDED SKARN AND CALC-SILICATE SCHIST : pale to dark green weakly foliated to massive pyroxene-vesuvianite-garnet skarn. Mainly dark green pyroxene, red and red-brown garnet.	0.05	30	
160	Pcss*	BIOTITE MARBLE AND SCHIST: medium grey siliceous biotite schist.			
		Light green quartz, altered schist equivalent.	0.11	50	
	Pcss*	BANDED SKARN AND CALC-SILICATE SCHIST	0.10	30	
		Dark green massive pyroxene-garnet-vesuvianite skarn	0.03	T	
170	Pggi*	GREY AND GREEN INTERBANDED SCHIST interbanded pyroxene-biotite schist gneiss. Evidence of pyroxene alteration of siliceous biotite schist.			
	Pcss*	BANDED SKARN AND CALC-SILICATE SCHIST: banded pyroxene-wollastonite-vesuvianite- garnet skarn. Minor biotite lenses. Pale green pyroxene, pink garnet, dark brown vesuvianite.	(12)	T	3
	Pggi*	GREY AND GREEN INTERBANDED SCHIST			
		Biotite schist and pyroxene gneiss interbedded			

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FOOTAGE		DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
180		Pggi* GREY AND GREEN INTERBANDED SCHIST continued biotite-pyroxene schist gneiss			
		Pcss* BANDED SKARN AND CALC-SILICATE SCHIST: light and dark banded, pyroxene-garnet- vesuvianite-wollastonite-calcite skarn; mainly light coloured but also dark skarn. Pale and dark green pyroxene Pink garnet Dark brown vesuvianite.	(60)	T	1
	gouge and breccia		0.05	20	
190	pyrrhotite 80°		(60)	T	1
		Pbmcs* BIOTITE MARBLE AND SCHIST: blue-grey siliceous biotite schist with altered and limy equivalents. Dark grey and grey green siliceous biotite schist and dolomitic marble sections which are weakly limy; also minor pyroxene- bearing bands. - biotite-chlorite-muscovite schist			
	quartz and quartz monzonite sill 80°				
200	quartz				
	brown weathering olive grey green				
210	white quartz vein and foliation with a trace of molybdenite and tourmaline.		(11)	T	1
	quartz vein and fracture				
	calcite coated fracture 5° to core				
220					
	rusty red-brown weathering light green altered biotite schist equivalent. - pale olive epidote, rusty fractures				
230		Psk* DARK GREEN MASSIVE SKARN: dark green mottled pyroxene-garnet vesuvianite skarn.	0.03	T	
		Pggi* GREY AND GREEN INTERBANDED SCHIST pale green and dark grey interbanded siliceous chlorite schist gneiss; garnets are rimmed by dark green chlorite?	(15)	T	1

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FOOTAGE		DESCRIPTION		WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
240	•	Kqm*	QUARTZ MONZONITE: white, low mica, equi-granular quartz monzonite.			
250	•	Pbmcs*	Biotite-Chlorite-Muscovite-Garnet Schist			
	•	black mineral? chlorite?	dark grey and pale green interbanded siliceous biotite schist and altered equivalents with dark green altered garnets. - carbonate along fractures			
260	•					
	•	50°				
270	•	Pggi*	Grey and pale green interbanded siliceous biotite schist and pyroxene gneiss, pale green pyroxene quartz schist altered equivalent of biotite schist. Garnets rimmed by dark green to black chlorite. Irregular pyroxene development caused by pre-pyroxene fracture.	(33)	T	1
	•					
280	•	Pcss*	BANDED SKARN AND CALC-SILICATE SCHIST: pale green to dark green banded pyroxene-vesuvianite-garnet skarn with minor wollastonite and massive dark green sections.	(80)	T	1
	•	Pggi*	GREY AND GREEN INTERBANDED SCHIST grey and pale green banded siliceous biotite-pyroxene schist gneiss.			
290	•	Psk*	DARK GREEN MASSIVE SKARN: dark green mottled vesuvianite garnet skarn.	0.16	30	
	•	Pggi*	GREY AND GREEN INTERBANDED SCHIST pale green and minor grey siliceous pyroxene biotite schist. Pale green pyroxene is after biotite. Minor pyrrhotite along fractures.	0.05	T	
290	•			0.35	T	
	•	white quartz monzonite - garnet, vesuvianite- pyroxene	Minor pyrrhotite in fractures 20° to core; mottled white and green texture altered equivalent of biotite schist. Dark green altered garnets in biotite schist.	0.05	T	

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FOOTAGE		DESCRIPTION	WO <sub>3</sub> % (ppm)	Ppb Au	Ppm Sn
300		<b>Pggi*</b> GREY AND GREEN INTERBANDED SCHIST continued: banded biotite pale pyroxene siliceous schist gneiss . - equivalent of biotite-chlorite-muscovite schist -quartz veins Pale green to white banded pyroxene gneiss (altered biotite schist)	(60)	T	2
310		<b>Psk*</b> DARK GREEN MASSIVE SKARN: dark green massive to banded pyroxene-garnet skarn; minor pyrite and pyroxene disseminated along fractures.	0.40	T	
		<b>Pggi*</b> GREY AND GREEN INTERBANDED SCHIST pale green and grey banded siliceous biotite-pyroxene schist gneiss. With pale green pyroxene, dark green altered garnet and trace wollastonite.	0.12	T	
320		-altered quartz monzonite	0.04	T	
		-altered quartz monzonite with green fluorite	0.19	30	
		5-10° <b>Psk*</b> DARK GREEN MASSIVE SKARN: dark green massive pyroxene-vesuvianite skarn with minor pyrrhotite. -altered quartz monzonite with pyrrhotite and scheelite mineralization.	0.31	T	
330		<b>Pcss*</b> Highly altered pyroxene and biotite siliceous schist cut by thin quartz monzonite apophyses mineralized with coarse scheelite.	0.05	T	
		<b>Pggi*</b> GREY AND GREEN INTERBANDED SCHIST banded pale green and dark grey pyroxene biotite schist with minor skarn bands (vesuvianite, pink garnet)	5.70	T	
			3.05	T	
340			0.05	T	
		-calcite filled fracture 5-10°			
		30°	(13)	T	2
350		40° -green chloritized equivalents, chlorite-epidote.			
		<b>Pcss*</b> - BANDED SKARN AND CALC-SILICATE SCHIST: medium green banded pyroxene garnet vesuvianite skarn	0.05	80	
		<b>Pbz*</b> - BIOTITE ZONE: grey and green banded zone, pale green banded biotite chlorite calcite silicate schist, pale green equivalent of grey and green banded	1.76	780	
360					

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
360	Pbz* BIOTITE ZONE continued: pale green and white banded, mottled biotite schist altered equivalent.	0.18 1.60 0.13	380 T	
370	altered medium Kqm* grained quartz monzonite with epidote, chlorite and quartz 40° quartz vein 50° altered equivalents			
380	50° calcite vein 10°	(3)	T	1
390				
400	light brown altered equivalent chlorite quartz feldspar quartz epidote chlorite			
410				
420	orange "potassic"? alteration in feldspar along fractures and matrix.	(1)	T	1

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FOOTAGE	DESCRIPTION	WO <sub>3</sub> % (ppm)	ppb Au	ppm Sn
420	weak orange alteration also quartz dolomite epidote.			
	aplitic quartz feldspar dyke 5°, kaolinized feldspars along fractures.			
430	calcite in fractures at 10° altered, epidote chlorite and minor potassic			
		(30)	T	1
440	20° also quartz chlorite epidote alteration high fracture density			
450				
460	altered quartz monzonite; orange brown potassic alteration along fractures and olive grey green, chloritic and epidote alteration.	(1)	T	8
	End of Hole			
470				