

From	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates			Core Angles			Description	METRES	
-1			0.9m											
		3.2m												
			0.6m											
-5														
-10														
-15														
		18.2m												
			0.6m											
-20		21.2m												
			0.6m											
		23.2m												
-25		24.7m	0.8m											

NO CORE RECOVERY

0-30.3m TERTIARY BASALT: Highly to partially oxidized, vesicular, very low core recovery in places, massive in places. Probably includes interflow sediments.

METRES

From	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates		Core Angles		Description	METRES
						py	po	B	V		
25		25.2	0.9m								25
		27.2	1.1m								
		28.0	0.6m								
	28.4		0.4								
		29.2	0.8m								
30	29.7		0.5m								30
		31.7	2.0m		Δ Δ Δ						
			2.6m		Δ Δ Δ						
		34.7			~ ~ ~						
35			1.2m		~ ~ ~						35
		37.7			~ ~ ~						
			3.0m		~ ~ ~						
40		40.7			~ ~ ~						40
			3.0m		Δ Δ Δ						
		43.7			Δ						
45			3.0m		Δ Δ Δ						45
		46.7			Δ Δ Δ						
			2.1m		Δ Δ Δ						
		48.8			Δ Δ Δ						
50			2.4m		~ ~ ~						50

30.3 - 37.7m SHALE: Partially oxidised, brown-grey to black, brecciated in places, sheared in places, coarsely micaceous and with disseminated pyrite near base of section. Lightly veined w/ dark chlorite

37.7 - 41.2m: SILTSTONE: Grey, massive to weakly bedded, lightly fractured and veined, 1-2% py as veinlets and as disseminated grains

41.2 - 43.3m DIOPSIDE SKARN: Olive green massive to bracc., chloritic micaceous, fractured, minor black veins, w/ po/py as blebs and vein infills

43.3 - 48.8m: DIOPSIDE SKARN BRECCIA: Light green grey, olive green and dark green, variably brecciated, strongly altered, strongly chloritic micaceous, abundant black veins with 1-10% py as veins and blebs.

Black vein material is distinctive, brecciation is gas milling related.

48.8 - 49.6m: INTERBEDDED SANDSTONE AND SILTSTONE Light grey, bedded, unaltered sediments

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates		Core Angles			Description	METRES
								B	V	F		
		75.6	2.0									75-
	76.0		← 0.2									
		78.2	2.2									
-80		81.2	3.0									80-
		83.0	1.8									
		85.2	2.1									85-
		87.2	2.0									
		89.3	2.1									
-90		91.7	2.4									90-
		94.7	2.7									
-95		97.7	3.0									95-
		99.2	0.6									
-100												100-

DEFORMED GREYWACKE (continued)

In less deformed sections bedding to core axis is 60°. Zones of 'higher strain show bedding to core axis at 15°.

Tr - 2%
Zone of less strain.

86.5-100.7m: BIOTITIC SHEAR ZONE:

Mottled brown to light gray/brown, biotite altered strain zone w/ shear fabric commonly parallel to core axis. Fractured in places with a late stage stockwork of calcite veinlets. Brown biotite as disseminated fine grains. Tr - 1% cordierite as spotty white grains. Tr - 1% py in veins and as disseminated grains. Trace marcasite on fractures.

SHEAR ZONE
X
X
X
X
X
X

From	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates		Core Angles			Description	METRES
						py		B	V	F		
		100.7	1.4					/		X		100-
			3.0					/		X		
		103.7						/		X		
-105		105.2	0.4		Fractured			/		X		105-
			2.3					/		X		
		107.5						/		X		
		108.9	1.4					/		X		
		109.7	0.3		Fractured			/		X		
-110		110.7	1.0		Fractured			/		X		110-
			1.8					/		X		
			3.0		Fractured					X		
-115		115.7						/		X		115-
			1.2		Fractured low core recovery			/		X		
		119.5	2.3					/		X		
-120			2.2					/		X		120-
		121.7						/		X		
			3.0		Fractured			/		X		
-125		124.7			Fractured			/		X		125-

100.7 - 112.7m: DEFORMED FRACTURED TO WEAKLY BRECCIATED GREYWACKE
 Light grey, weakly silicified, fractured to slightly brecciated with dominant bedding to core axis at 15°, weakly mottled, minor late stage Calcite veining.
 Tr - 2% pyrite as vein infill and along fracture planes.

112.7 - 122.9m: WEAKLY BIOTITIC SHEAR ZONE / FRACTURED GREYWACKE.
 Mottled brown and grey brown, sheared biotite - cordierite schist with shear fabrics closely paralleling core axis, grading to less deformed slightly silicified greywacke with bedding planes at 60° to core axis.
 Tr - 1% py along fracture planes.
 Tr - 1% marcesite along fractures
 Rare carb/chlor./phlogopite veins as late stage fracture infill.

122.9 - 129.3m: FRACTURED GREYWACKE
 Light grey, weakly silicified, fractured to slightly

From	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates		Core Angles		Description	METRES
								B	V		
-150					AAA	1-2%	1-2%	B	V	149.7 - 153.1m: PARTIALLY SKARN REPLACED GREYWACKE BRECCIA: Brecciated greywacke with diopside replacement zones and open space infill pyrite veins. 1-2% dissem. py	150
		153.2			AA	1-2%	1-2%				
-155		156.2	0.9			1-2%	1-2%			153.1 - 160.7m: STRONGLY FRACTURED GREYWACKE	155
		157.7	0.7							Highly broken core: greywacke w/ 1-2% py along fracture planes.	
		158.3	0.5								
-160		159.7	0.3								
		160.7	0.3								160
END OF HOLE : 160.7m											