

Hole No. 56-83-3
 Property Maine Land Co. T5R6
 Location 50NE, 10.9SE
 Project Code 0069
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 0 - 60'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
	0.0		0			0 - 12' Overburden.				
			10			12 - 15.7' Andesite: greenish grey (5GY 6/1-5G 6/1); fine grained, equigranular appearing; fizzes pervasively and strongly; irregular calcite veins and veinlets present; sharp contact approximately 30°.				
100%			20			15.7 - 21.3' Mixed unit of crystal-ash tuff (fragments?) and altered, partially silicified dacite porphyry (tuff?): pale olive (10Y 6/2) to greenish grey (5G 6/1); aphanitic-fine grained; calcareous fragments and veinlets present throughout; unit appears brecciated throughout and locally sheared; unit does not have the distinctive quartz fragments that are typical of dacite porphyry.				
			30			21.3-33' Mixed unit of andesite (fragments?) (same as 12-15.7), dacite porphyry type matrix, silica rock, silicified dacite porphyry, silicified (or silicarock) fragment breccias, very fine grained moderate olive brown (5Y 4/4) to greyish olive green (5GY 3/2) matrix with trace disseminated pyrite.				
			40			34.6 - 42' Dacite porphyry (?); subangular to subrounded quartz fragments comprise 80% of unit, boundaries with matrix are sometimes indistinct possibly due to remobilization of silica; matrix is aphanitic-fine grained, dusky green (5G 3/2).				
100%			50			37.6' Red, irregular sphalerite streaks. 41.6' Red, irregular sphalerite streaks gradational boundary				
83%			60			42 - 63.7' Dacite porphyry: greenish grey (5GY 6/1) to dark greenish grey (5G 4/1) to greyish green (10GY 5/2-5G 5/2); very fine grained-fine grained groundmass, porphyritic; white quartz phenos up to .3" diameter comprise 25-35% of rock; some mafic phenos present; epidote and chlorite appear to be present in groundmass; disseminations and streaks of calcite present throughout				

most of section; rock locally shows weak to moderate shearing and weak preferred orientation of phenocrysts (some or all of this could be primary); very finely disseminated pyrite locally present; fragments of dacite porphyry locally present.

47' Very fine grained disseminated pyrite in groundmass.

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 60 - 120'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
	100%	9.1		60			62' Slickensided surface at 30°. Sharp contact at approximately 55°.				
				70			63.7 - 88' Dacite porphyry: The first 4' of this section are dusky green (5G 3/2) with 10% white quartz phenos in a fine grained ground mass, then section gradually becomes similar to 42-63.7', pyrite is erratically distributed in the dacite porphyry throughout the hole.				
				80			73.5' Possible inclusion of fine grained diorite (greenstone). 76.4' Slickensided fracture surface at 28°. 78' Possible inclusion of fine grained diorite.				
	100%			90			88 - 101.6' Dacite porphyry: Variable white quartz pheno content (5-30%); calcite disseminated, streaks and masses.				
				100			98.5 - 99.7' Possible fine grained greenstone. 101.4' Possible fragments of tonalite. Sharp contact at approximately 35°.				
				110			101.6 - 108.1' Tonalite: M.g - C.g; composed of anhedral quartz, mafics (biotite?), plag?; looks like a coarse grained variety of dacite porphyry; possible chloritization of mafics and saussuritization (light olive color) of plag.; calcite dissemination, streaks and masses.				
	100%			120			Sharp contact at 35°. 108.1 - 127.5' Dacite porphyry: white quartz pheno. content variable (0-20%); calcite dissemination, streaks and masses.				

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 120 - 180'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
	100%	0.0-0.1		120			121.3' Shear zone at approximately 20° with ≥ ¼" breccia and gouge.				
				130			127.5 - 133' Tonalite; medium grained; similar to 101.6 - 108.1'				
	92%						132.5' Possible fragment of andesite porphyry (same as dacite porphyry without white quartz phenos) sharp contact at 15-20°.				
				140			133 - 168.1' Dacite porphyry: variable white quartz pheno content (0-20%); calcite dissemination, streaks and masses.				
							133 - 137' 0% white quartz phenos (andesite porphyry).				
	100%			150			142.6' Slickensided fracture surface at 27°.				
							150' Dark greenish black very fine grained matrix around dacite porphyry fragments and quartz phenos(?).				
				160			162' Irregular quartz-calcite vein.				
							162.2' Slickensided fracture at 30°.				
							162.4' Moderate olive brown altered shear(?) zone.				
				170			163 - 163.5' Dark greenish black to moderate olive brown very fine grained matrix.				
							168 - 170' 0% white quartz phenos.				
							169' Fine grained pyrite cubes and masses associated with greenish black very fine grained matrix.				
							Sharp contact is FeO, MnO coated fracture surface at 35°.				
	100%			170			170 - 176.7' Tonalite: phaneritic appearing but less distinct texture than 101.6 - 108.1.				
							170.2' Slicks on fracture at 37°				
							172' Quartz-calcite vein.				
				180			Sharp contact along slickensided quartz vein at 40°.				
	96%						176.7 - 193.1' Dacite porphyry.				

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 180 - 240'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
	96%	0.1	f 50°	180	py 1%		189 - 190.4' Tonalite?				
				190			Sharp contact at 65°.				
	100%						193.1 - 198.4' Tonalite				
							196.7' - Quartz-calcite vein at 40°.				
				200			198.4 - 201.1' Dacite porphyry				
							Sharp contact at 45° along a 2" thick zone of very fine grained olive grey matrix.				
							201.1 - 205.8' Green crystal porphyry transition zone includes zones (fragments?) of greenstone, silicified greenstone (?), quartz-feldspar porphyry or crystal tuff in matrix of greenstone.				
				210			205.8 - 243.6 Green crystal porphyry: greenish grey (5G 6/1) to greyish green (10G 4/2); fine grained; high calcite content as streaks, veinlets, masses and some disseminations; no obvious megascopic epidote; occasional streaks of dark greenish black very fine grained matrix.				
				220			220.5' Fragments of pale green aphanitic rock.				
	100%						226' Quartz fragments (?).				
				230							
				240							

GETTY MINING COMPANY

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 300 - 360'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERAL- IZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
	0.0-0.1	b / 60°	300	py tr						
97%		c / 50°	310							
		b / 55°	320							
100%		fo,c / 55°	330							
			340							
100%		fo,c / 60°	350							
			360							

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 360 - 420'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
100%	0.0-0.1			360	py tr		362.25 - 363.3' Broken Rock.				
80%											
			58°	370			374 - 380' Massive pyrite laminations present.				
98%											
			55°	380							
88%							390 - 98.4' Core is more broken than the rest of section.				
100%											
63%							396.7' ≥ 2" Thick quartz vein.				
				400			400 - 412.7' Much broken rock; includes some sheared graphitic zones up to 3" long.				
78%							406, 407' Irregular quartz masses (veins?)				
				410							
							414' Possible tuff layer or fragment.				
94%							414.5 - 417' Irregular to concordant massive quartz veining.				
				420							

GETTY MINING COMPANY

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co Maine Diamond Drilling (Kennebec)

Depth 480 - 540'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERAL - IZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS					
	55%	0.1		480	py tr								
	52%			490									
				500									
				510									
				520			514' ± 1" fault zone at approximately 50'						
				530									
				540			536 3" massive pyrite zone in quartz and calcite matrix.						

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 540 - 600'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
	0.0 - 0.1			540	py tr		544 - 546' Broken rock and rubble.				
				550							
				560							
				570							
				580							
				590							
				600							

c, fo / 64°

c / 60°

c / 71°

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 600 - 660'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS					
	0.0-0.1			600	Py tr								
				610									
			b / 65° c / 70°	620									
				630									
			c / 66°	640									
				650									
			c / 72°	660									

Hole No. 56-83-3
 Property Maine Land Co.
 Location 50NE, 11SE
 Project Code _____
 Drilling Co. Maine Diamond Drilling (Kennebec)

Depth 720 - 756'
 Elevation _____
 Azimuth, Dip N45°W, -60°
 Drilling Date _____

Collared _____
 Logged By R. Peale
 Date Feb. 83
 Comments _____

SAMPLE LOCATIONS	RECOVERY	MAGNETIC SUSCEPT.	STRUCTURE	DEPTH	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS			
		0.01		720	Py tr						
				730							
				740							
				750							
							756' Total depth.				
							Acid tests				
							266' - 51°				
							480' - 50°				
							733' - 44°				