Hole No. MH-12-3
Property Maple Hovey MH-12
Location T8R3
Project Code X42021
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45° (-42° @ 200') 36° 440'
Drilling Date 10/3/88

Collared L16N 43W
Logged By PW Bateman
Date 10/6/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH (ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			10			OVERBURDEN			
		bedding 45° ca	20	<5% py		ash + lapilli tuff bedded 45° to core ~~mostly non-qtz bearing~~ much is qtz-eye-bearing lapilli some ash tuff as well	.044	.6	27
				<5% py		5-10% black 1-2mm lapilli - v. stretched pyrite as laminations ≤1mm and as ≤m long wisps and mostly as disseminations in matrix	.018	.8	22
				<5% py		carbonate (cc) is abundant, up to 5% of rock in light tuff frags. and in veins subparallel to the bedding (also dissem. in matrix)	.017	.5	33
		graded? ↑ fine at 34'?	30	5% py		rare fuchsite in lapilli	.093	.6	212
		1" qtz cc vein at 36'		<5% py		sericite/illite alteration common but not pervasive	.067	.9	105
		bedding ≈50° ca	40	5% py		30-32', 34-38' fine ash tuff, clay, w/qtz-cc frags and veins 32-34' v. fine ash tuff/mudstone 38-45' primarily fine ash tuff/mudstone, fine py	.054	1.6	70
	80%		50	<5% py		45-54' alt. clay with dk grey siltstone fragments and layers. matrix is illite? rare fuchsite cc v. rare here	.015	.3	7
				<5% py		55-64' ash tuff ± lapilli of qtz-cc-leucoxene-plag lapilli slightly altered grains <1mm minor py	.009	.3	6
				<5%		some clay/sericite alt.	.010	.5	20

Hole No. MH-12-3
Property Maple Hardy MH-12
Location TBR3
Project Code X42021
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45
Drilling Date 10-88

Collared L16N 43W
Logged By PWBatum
Date 10/6/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			80	<5% py		69'-70' poorly to moderately bedded ash tuff grains ~~[illegible]~~ not much alteration - some cc minor py - occasional 1-3cm layer of pyritic mudstone ie @ 67' 55° ca coarse section around 69-70' some frags lapilli size			
	92%	bedding 55° ca.	~~80~~ 70	<5% py		70-73' v. f.g. ash tuff or mudstone minor wispy py	.017	.4	55
						73-75.5' ash - lapilli tuff w/ cc ~~[illegible]~~ py (≈5% py)			
			80	<5%		~~75.5-8~~ 75.5-85 fine ash tuff, variably bleached	.004	0	7
		bedding 60-65° ca	90	<5%		85-96 crystal ash tuff ovoid xtals nowaltered, soft, prob were feldspars 60-65° ca	.003	.0	8
						96-100.5 ash tuff w/ py ≈5% as whisps, veins, disseminated cc veining			
			100	5%		100.5-105 as above with 5-20cm patches of buff - pale green ash tuff w/ py and occasional fuchsite cc veining	.073	1.1	115
		bedding 65° ca	110	<5%			.024	0.2	56
						NOTE 113 marked 123 in box - changed all down hole			

2

P3

Hole No. MH-12-3
Property DIAMOND - MH-12
Location TBR3
Project Code X41021
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E @ -45°
Drilling Date 10-88

Collared 16N 43W
Logged By [illegible]
Date 10/6/88
Comments

DIP = -42° @ 200'

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			120	<5% py po		105' - 127'	.011	<.1	7
				<5% py po		grey ash tuff with streaks, whisps of py at 122.5' 3 cm of semi-massive py abundant calcite			
			130				.017	0.2	46
		bedding 65° c.o.				127-131 light grey ash tuff minor py abundant cc veins, blebs			
				<5% py po		131 - 138' dark grey ash tuff w/ py in bands, whisps 2cm semi-massive at 133.5'			
			140				.012	0.3	31
						138' - 145.5' crystal ash ~~tuff~~ lapilli tuff pale coloured abundant qtz - cc veins, blebs xtals are ovoid saussuritized felag?			
			150	5% py		145.5 - 155 dk grey ash tuff w py as above	.007	0.1	4
				<5%		155 - 177 dk grey tuff as above w/ xtal tuff portions and porphyry			
			160			177 - 182' porphyry (feldspar, minor amphibole)	.006	0.1	2
				<5%		182 -			
			170				.005	<0.1	2

Hole No. MH-12-3
Property DIAMOND
Location T8R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By Pack
Date 10/6/88
Comments

DIP = -42° @ 200'

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			180	<5%		182 – 193 sheared, altered tuff w/ porphyry qtz ± cc veins at 182 (10cm) 188 (5cm) 192.5 (8cm) minor	.005	0.1	<2
			190	<5% py po		193 – 196 altered porphyry qtz vein at 196 (3 cm)	.006	0.1	3
			200	<5% py po		196 – 219 mixed altered tuff, porphyry highly contorted ~~in places~~ thru 206 – 212 qtz veins at 198 (20cm) abundant qtz – cc veins some at 90° to bedding	.010	<0.1	4
			210	<5% py po			.008	<0.1	7
			220	<5% py po		219 – porphyritic intermediate rock w/ qtz – (cc) filled amygdules up to 1cm (generally around 0.5 cm) felsite dike (sill) at 223.5 – 224.5' has abundant qtz veins ⊥ to contacts contacts are ∠ 50 – 60° ca	.008	<0.1	10
			230	<5% py po			.005	0.1	4
				<5% py po					

Hole No. MH-12-3
Property DIAMOND
Location T8R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PWB
Date 10/7/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			240	<5% py po		268 intermediate porphyritic amygdular volcanic	<.005	<.1	4
			250'	<5% py po			<.005	<.1	4
			260	<5% py po			<.005	<.1	6
		1" q.v. at 271.5'	270	~5%		270 – 344' general's v.f. ash tuff ± mudstone variable clay + sericitic alteration abundant py as disseminations in matrix, fine laminations and wispy cc common as thin veinlets and interstitial fillings	.014	0.1	8
		bedding 66° c.a.	280	~5%		2" q.v. at 285.5' 299-303.5 smaller tuff, lower py	.005	<.1	<2
			290	~5%			<.005	<.1	5
			300						

Hole No. MH-12-3
Property DIAMOND
Location T8R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PW Bateman
Date 10-6-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			300	~5% py			.039	.1	13
			310	~5% py		313' – 322' ash to lapilli tuff frags ≈ 1-3 mm	.020	.1	15
			320	~5% py		322' – 334' abundant qtz-cc veining ≈ 0.5 cm with veins	.015	.1	14
		bedding 70° c.a.	330	5-10% py		@ 332' pale yellow-green alt over 10 cm, minor fuchsite	.038	.4	13
			340	~5% py		344' – 360' lapilli tuff, fragmental avoid grey frags. up to 3 cm ~~rimmed~~ rimmed by py frags are ash – lapilli tuff sim to matrix	.089	1.9	68
			350	~5% py		2" qtz. ~~and~~ @ 344'	.078	2.2	34

Hole No. MH-42-3
Property DIAMOND
Location T8 R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By FGR
Date 10/17/88
Comments

DIP = 30° @ 440'

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			360	15%		360 - mostly ash tuff as above w/ some intercalated lapilli tuff as above moderate alteration (clay, sericite) disseminated py (fine)	.146	1.5	122
			370	~5%		coarser py ash 363-364 w/ minor buff-yellow 364 alteration rare fuchsite	.282	4.1	211
			380	~5%		378' - 386' minor buff-yellow green alteration same coarsening of py	.228	5.5	170
			390	5-10%			.085	3.8	179
			400	~5%		402' - 407 minor buff - pale yellow green alteration same coarsening of py rare fuchsite	.117	2.5	227
		bedding 70 -25° ca	410			fuchsite - illite patches at 412', 413'	.040	0.7	36
			420						

Hole No. MH-12-3
Property DIAMOND
Location TBR3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By P W Bateman
Date 10-6-88
Comments

DIP = -30° @ 440'

RECOVERY	STRUCTURE	DEPTH (ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
		420	10% py		ash tuff	.017	.3	11
		430	<5% py		427' - 450' amygdalar, porphyritic? grey volcanic qtz-cc amygdular breccias (flow top?) at 430' 443' tops probably up hole	<.005	<.1	4
		440	<5% py		qtz-cc veining at 439', 440' x 2" interflow sediment at 449'	.009	<.1	3
		450	<5% py		450' - 476' porphyritic intermediate flow and crystal lapilli ash/lapilli tuff lapilli up to 2cm long, black shale or mafic frags phenos are feldspar			
		460						
		470	<5%		476 - 480' breccia w/ large 2-3" fragments of rhyolite? in mafic fissile matrix	.048	<.1	2
		480						

Hole No. MH-12-3
Property DIAMOND
Location T8R3 me.
Project Code
Drilling Co.

Total Depth 546'
Elevation
Azimuth, Dip S 60°E @ -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PW Bateman
Date 10-6-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As			
			480			480' - 496' ash tuff w/ minor rhyolite?	.053	<.1	3			
			490			496 - BOHO massive poorly bedded crystal ash/lapilli tuff xtalline feldspar lapilli up to 1" dark grey tuff, chlorite and/or mafic vole.	.005	<.1	3			
			500			qtz ~~[illegible]~~ cc vein w/ good colloform banding at 523.5 - 524.5 and 543.5 to 544						
			510									
			520				.014	<.1	4			
523.5 - 524.5												
			530									

p14-1

Hole No. MH-12-3
Property DIAMOND
Location T8 R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E @ -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PW Bateman
Date 10-6-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As		
			540				.053	<.1	<2		
						BO HO 546'					