

BOX					Core		LITHOLOGY, ALTERATION, STRUCTURE		MINERALIZATION		GRAPHIC LOG		SAMPLE		ANALYTICAL		
Box	Run	Core	% R	R.D.									Sample No.	INTERCEPT	CORE LENGTH	O.P.T. An	O.P.T. As
8		HQ	75	16													
9			75	Ø													
10			70	Ø	1400-2570	Clastic Lapilli Tuff											
11			70	Ø													
12			70	Ø													
13			60	.08									8753	1780-186.5	8.5	.001	.01
14			70	Ø													
15			70	Ø													
16			70	Ø													
17			65	Ø													
18			75	Ø													
19			80	Ø													
20			90	.13									8754	2445-2448.0	3.5	.001	.01
21			100	.55									8755	264.6-269.4	4.8'	.001	.01

					DIAMOND DRILL HOLE No. 87-100-1-1000 3 01 6								
BOX	Run	Core	% R	R.D.	LITHOLOGY, ALTERATION, STRUCTURE	MINERALIZATION	GRAPHIC LOG	FT	SAMPLE		ANALYTICAL		
									Sample No.	INTERCEPT	CORE LENGTH	O.P.T. Au	O.P.T. Ag
22		100	.15		272.4-278.0 v.l.g. med. gr. felsic dyke, sheared & lower part crystal tuff rehealed by fine dikes	fine dikes in flow fractures		270					
		100	.24		278.0-280.0 Crystal Tuff - upper cut phase but less in core, some w/ lower cut, dk grey matrix w/ aligned rounded mineral 2-4 mm plg xls both thin fractures rehealed by chlorite								
		95	.14		280.0-350.8 Flows of Clastic Tuff (LAPILLI) - layers of felsic to intermediate tuff w/ felsic clasts 3-15mm, angular & subrounded, contacts of flows marked by clay shears and sometimes brown w/ calcite matrix; clasts not aligned or oriented, rusty staining in shears at 286.0, occasional layers 1-2' thick of fine to med. grained crystal tuff, dark in colour; clastic tuff varies from grn/gry to dk gry in colour, from 319 to 322 brown w/ calcite veining	the < 1% disse py & in shears						elevated Sb, As	
		90	.09										
23		95	.08					290					
		100	.55										
24		95	.34										
		100	.41										
25		95	.57					310					
		100	.26		From 323-334 strongly silicified and change to dk gry colour clasts not as easily seen, some small areas of crystal tuff 2-6mm plg xls	trace disse py							
26		100	.21										
		100	.41		334-340 see v. strong potassic alter, pinkish colour, strongly crackle fractured & rehealed by calcite, still silicified w/ some remaining iron-bearing unit								
27		100	.69					330					
		100	.17										
28		100	.55		intermixed clastic tuff w/ large clasts of crystal tuff from 340 to 350.8								
		100	.64										
29		100	.33					350					
		100	.50		350.8-357.2 Coarse Grained Crystal Tuff - interfingered up cut w/ out showing alter, but cut shows welding level & decrease in xls size, med. gr. aphanitic matrix w/ rounded plg xls & some w/ 357-405.2 Medium to Coarse Grained Clastic Tuff (LAPILLI) - interfingered up cut from crystal tuff, moderately altd matrix & clasts mafic -> chlorite, poss. epidote, hematite altn on some iron oxides, fractures at 25°, 45° and 70° to C.A., some open & some calcite rehealed - strongly silicified to 386, colour change from dk gry to med gry from dk grn/gry; poss. w/ chlorite alter								
30		100	.32										
		100	.32										
31		100	.35					370					
		100	.42										
32		100	.39		at 386 - 387.2 band of dk gry crystal tuff w/ v. sharp cnts & strong chlorite & clay altered shear for 5' at 387.8								
		100	.88		382-382.4 band of xl tuff at 386								
33		100	.92					390					
		95	.08										
34		90	0										
		90	0										
35		95	0										
		95	0										
36		90	0		405.2-411 Crystal Tuff - as at 280-280, interfingered up alter - cnts mostly lost in rubby core, xls 2-5mm			410					
		95	0										
37		100	0		411.1-420.8 Fine Grained Magnetic Intermediate? - v.l.g. intermediate, likely ash tuff, 15 x 1mm plg laths, moderately magnetic, dk gry colour, w/ly silicified, fractures at 35° & 60° to C.A.			420					
		100	0										

					DIAMOND DRILL HOLE NO. 101-5-3888		97						
BOX	Run	Core	% R	R.Q.D.	LITHOLOGY, ALTERATION, STRUCTURE	MINERALIZATION	GRAPHIC LOG	FT	SAMPLE			ANALYTICAL	
									Sample No.	INTERCEPT	CORE LENGTH	O.P.T. Au	O.P.T. Ag
34			100	.28	428.8-429.2 Clastic Tuff	trace dissemin py	50'	426	8760	444.2 - 423.0	2.2'	.001	.02
			70	.10	- dk grey clasts 5-10mm, silicified, sharp up & down cnts, spotty dissemin. py, some = 25mm veins at underlying layers								
			90	Ø	429.2-432.8 Ash Fall Tuff								
			90	Ø	- v. dk grey & f.g. w/ small plg yls 5mm, prod for 2" fine fractures								
35			100	.30	- calcite & silicified, some hematite on fractures								
			100	Ø	- Clastic Tuff								
			90	Ø	Ash Fall tuff as at 429.2								
			90	Ø									
36			90	Ø	442-471.2 Interbedded Ash & Crystal Tuff			440					
			90	Ø	- badly broken core, rubbled core, up cnt sharp, low cnt gradnl								
			95	Ø	- crystal tuff bands 2-6" mixed w/ clastic tuffs, clasts 5-12mm	wk dissemin py			8761	448.9 - 451.5	2.4'	.021	.01
			90	Ø	- felsic to intermediate, plg x'l in crystal tuff are 5-10mm								
37			90	Ø	& subhedral, pervasive wk chlorite altn, highly fractured	trace dissemin py			8762	456.0 - 458.0	2.0'	.001	.01
			90	Ø				460					
			95	Ø									
			95	Ø									
38			95	Ø	471.5-488.6 Fine Grained Ash Fall Tuff								
			95	0.09	- med-dk grey colour w/ clasts .5-1mm, up cnt sharp & sheared								
			100	Ø	- low cnt gradnl into wk sericite								
			100	Ø	488.6-504 Clastic Tuff	wk dissemin py & silicn			8764	488.0 - 493.5	5.5'	.001	.01
39			85	Ø	- medly sericitized, minor clay altn & calcite on fracture, epidote in fractures, med grained								
			85	Ø									
			95	.25	504-522 Interbedded Clastic & Crystal Tuff	wk dissemin py			8765	504.0 - 507.5	3.5'	.001	.03
			90	.09	- layers of med grained crystal tuff and med to coarse clastic								
40			90	.07	tuff, moderately chlorite altd, calcite in v-cutting fractures								
			85	Ø	- badly broken core poss. due to numerous layer cnts								
			95	Ø									
			75	Ø									
41			100	.09	522-534 Very Fine Grained Tuff			520					
			100	.10	- v. fine grained, very dark grey-phanitic layer, moderately magnetic								
			100	.23	and strongly silicified, strongly chlorite altd, sharp up & down cnts	wk dissemin py & silicn			8766	528.0 - 534.0	6.0'	.001	.01
			85	Ø	534-527 Medium Green Clastic Tuff, wkly altd								
42			80	Ø	527-541 medium grained crystal tuff								
			70	Ø	541-566.7 Clastic Tuff			540					
			75	Ø	- med to lt. grn clastic tuff, chlorite, sericite, & wkly clay altd								
			90	Ø	- pervasive dissemin py & small amt in fractures, shears at 10" to C.A. w/ grey gunge, up cnt sharp & lost in broken core	pervasive dissemin py and in fractures			8767	555.0 - 561.0	6.0'	.001	.01
43			90	Ø	- low cnt sharp & sheared w/ bryon				8768	561.0 - 566.0	5.0'	.001	.01
			100	.30									
			100	.35		1/4" to vein			8773	566.0 - 571.0	5.0'	.001	.02

BOX		Run	Core	% R	R.Q.D.	LITHOLOGY, ALTERATION, STRUCTURE	MINERALIZATION	GRAPHIC LOG	FT.	SAMPLE		ANALYTICAL		
										Sample No.	INTERCEPT	CORE LENGTH	O.P.T. Au	O.P.T. Ag
44			100	.41		568.7-574.5 Breccia Zone - lt to med grn, strongly sericitized & v. clay altd esp. at shear zone upr & lwr cts; matrix siliceous S.T.			570	8769	571-574.9	3.9'	.001	.01
			100	.15		574.5-594.5 Intermediate Fine Grained Tuff				8770	5792-582.5	4.3'	.001	.02
			100	.28		- fine grained medium green w/ pervasive hematite giving reddish cast, strongly fractured, reheated by calcite, fractures at 45° to C.A.	dissemin by calcite filled shear			8771	582.5-588.5	5.0'		
			100	.25		Particles 1-5 mm w/ some anhedral plagioclase & 4 mm fractures at 58° reheated by fine dk Sx? v. reddish sheared upr cnt & gradal & sheared lwr cnt			590	8772	588.5-593.5	5.0'	.001	.01
45			100	.64										
			100	.11		594.3-605.0 Medium Grained & Tuff								
			100	.61		- sheared upr cnt w/ clay gouge, 2-4 mm plagioclase, mod sericite altn								
			100	.72		CRYSTAL TUFF, MOD. GRAIN. & MOD. GRAIN. CLASTIC TUFF								
46			100	.34		605-624 Clastic Tuff								
			100	.69		- med grained w/ small 2-3" layers of xlt tuff interbedded, upr cnt sharp w/ slight shear, lwr cnt gradal, unit pervasively sericitized and med green; matrix → chlorite, v. wky fractured, some fractures reheated by calcite; matrix supported	dissemin py & silice			8774	613.3-616.7	3.4'	.001	.01
			100	.32		624-678.8 Crystal Tuff								
			100	.80		- fine to med grained, plagioclase 1-2 mm, some triangular clasts (ash fall?) - hematite, calcite & fine dissemin. py	hematite in calcite filled fracture							
47			100	.67		678-695 Clastic Tuff								
			100	.52		- Upr cnt sharp marked by fracture w/ wky clay along, lwr cnt 15° to C.A. shear, calcite filled & wky gouge, carbonate & clay filled fractures at 45° to C.A.	dissemin py & silice			8775	6320-636.0	4'	.001	.01
			100	.18		695-697 Brecciated & Hematite Stained Clastic & Crystal Tuff				8776	636.0-640.2	4.2'	.001	.02
			100	.29		- upr cnt sharp marked by shear, lwr cnt gradal & marked by change in altn, intermixed fine (ash fall?) to med grained clastic w/ thin sections of fine grained crystal tuff (plagioclase 3 mm) generalized to dk green colour w/ reddish cast, breccia accompanied by calcite infilling and strong hematite staining as at 643.7, 648.0 & 667.0; wky silicified in places w/ dissemin. or anhedral py, matrix → chlorite, some strong sericite altn near breccia areas & at bottom of unit	hematite & breccia w/ dissemin. py			8777	643.4-646.3	2.9'	.001	.01
48			100	.34						8778	646.3-651.0	4.7'	.001	.01
			100	.09										
			100	.08										
49			100	.35										
			100	.25										
			100	.23		697-705.0 Hematized Clastic Tuff								
50			100	Ø		- upr cnt gradal, lower cnt sharp but set in broken core, mixture of interbedded crystal, ash & clastic tuff, all strongly hematized & silicified, pass. sericite altn. overprinted by heavy major fracture set at 30° to C.A.	pervasive hematite w/ spotty dissemin. py			8782	681.3-686.8	5.5'	.001	.02
			100	.15										
			100	Ø										
51			100	Ø										
			45	Ø						8783	698.5-704.9	6.4'	.001	.01
			70	Ø										
			50	Ø		705.0-724.0 Ash & LAPILLI Tuff				8784	704.9-712.0	7.1'	.001	.01
			40	Ø		- fine grained, chlorite altn, dk grn/gry colour, badly broken core, no certain fracture ref	trace dissemin. py							
52			50	Ø										

[illegible]