APPENDIX III

DIAMOND DRILL LOGS

Part 2
of 3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,313

FILMED

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No. G-DDH-1	Dip Tests
Location 92+00N, 48+18E	Dep.	Sheet No. 1 of 5	Dip: -45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by Paul Reynolds	M.Vulmiri
Depth	Slope	AZIMUTH: 232°	

Property GRACE PROPERTY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
0	3.05	CASING												
3.05	48.9	FRAGMENTAL ANDESITE CRYSTAL TUFF. Fragments up to 2cm. fragments preferentially altered to Ep. & Chl. Interbeds of hematitic & chloritic layers. Xcut by multi-strage qtz-chalcedony -Cc veins and bx every 2-5 cm.												
		3.05 - 6.40 INTENSE CHL. & EP ALT'N . Minor Py (1%) with intense hematitiically stained feldspar in matrix. Ep replace Plag. Phenocrysts ep in fractures. X-cut by chalcedony fracture fillings every 10-15cm.												
		6.40 - 6.55 WALLROCK BECOMING MORE BLEACHED.	7851	6.00	6.50				39	5.9				
			7852	6.50	7.50				30	1.3				
		6.55 - 7.40 CHALCEDONY BX ZONE WITH INTENSE SILICIFICATION & BLEACHING OF WALLROCK. XCUT by bull Cc veins.												
		7.40 - 8.53 Same as 6.40 - 6.55	7853	7.50	8.50				41	2.6				
		8.53 8.84 Bull Cc veins with banded chalcedony stringers @ 80° to C.A.	7054	8.50	9.00				12	1.9				
		8.84 - 10.1 Primary fragments preferentially altereing to Ep. Mafics intensely chloritized. Hematitic stained feldspar.	7055	9.00	10.00				6	0.5				
		10.01 - 11.7 Intensely chloritized and bleached wallrock xcut by chalcedony microbx @ 80° to C.A.	7056	10.00	11.00				38	3.4				
		11.7 - 12.2 Xcut by byll Cc fracture fillings @ 80° - 45° to C.A. in lesser altered fragmental wallrock	7057	11.00	12.00				42	4.1				
		12.2 - 13.1 RELATIVELY UNALTERED WALLROCK with Ep fracture filings.	7058	12.00	13.00				12	0.9				
		13.1 - 13.5 Wallrock xcut by quartz chalcedony fracture fillings with 2-3mm wide alteration envelopes.												

P Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 2	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		13.5 - 13.66 Cc vein with chalcedony frag's in centers &												
		chalcedony in walls @ 80° to C.A.												
		13.66 - 16.4 Wallrock partially bleached & intensely altered	7859	13.00	14.00				54	7.2				
		to chl. & Ep in places. xcut by minor chalcedony fractures.	7860	14.00	15.00				29	0.7				
		2cm wide chalcedony Cc fracture @ 15.66m	7861	15.00	16.00				12	1.3				
		16.1 - 16.5 Fracture controlled Cc box.	7862	16.00	16.40				29	4.9				
		16.4 - 16.5 PARTIALLY BLEACHED WALLROCK												
		16.5 - 16.72 CHALCEDONY BX WITH REBRECCIATED &												
		BANDED CHALCEDONY FRAGMENTS & MATRIX INTENSE AGRILLIC												
		WALLROCK FRAG'S VISIBLE ELECTRUM. Argentite & minor												
		chalcedony py in matrix. Up to 40% SiO2. Cream to												
		gray chalcedony matrix. Possible k-spar in adjacent												
		wallrock. Banding & veing @ 80° to C.A.												
		16.72 - 16.80 BLEACHED & CLAY ALTERED WALLROCK	7863	16.40	16.70				88	10.8				
		16.80 - 17.10 PARTIALLY BLEACHED WALLROCK.	7864	16.70	17.00				53	1.8				
		17.10 - 17.45 Relatively unaltered wallrock.												
		17.45 - 17.60 PARTIAL BLEACHING												
		17.60 - 17.90 FRACTURE CONTROLLED BANDED CHALCEDONY-												
		CC BX with minor silicification & bleaching of wallrock.												
		Banding @ 45-80° to C.A.												
		18.20 - 18.29 PARTIALLY BLEACHED & SILICIFIED. Ep	7865	17.00	18.00				3.1	16				
		& chl altered wallrock.												
		18.29 - 18.40 CHALCEDONY BX with cc centres & x-cutting												
		fractures. Cream to gray chalcedony matrix up to 10%												
		silica, wallrock fragments intensly altered to clay.												
		18.40 - 19.90 Intense chl altn with fracture controlled	7866	18.00	18.50				24	4.0				
		chalcedony microbx.	7867	18.50	19.00				1270	67.50				
		19.90 - 20.35 FRACTURE CONTROLLED CHALCEDONY-CC BX	7868	19.00	20.00				105	11.4				
		with cc in centers of matrix & chalcedony on walls												
		of frag'. Wallrock frag's intensely silicified with												
		imprenated hematite. Minor bleaching & hematite in												
		upper wall												
		20.35 - 21.34 MINOR CHL & EP ALT'N. x-cut by banded chalcedony												
		qtz veinlets.	7869	20.00	20.50				795	69.20				
			7870	20.50	21.00				24	4.3				

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 3	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		21.34 - 24.40 Feldspar phenocrysts completely destroyed	7871	21.00	22.00				49	3.2				
		with relict chloritzed mafics chl envelopes.	7872	22.00	23.00				30	2.4				
		22.40 - 23.00 CHALCEDONY-CC VEINING with intense	7873	23.00	24.00				39	1.3				
		chloritized wallrock @ 0-45° to C.A.												
		23.86 - 23.89 BANDED QTZ-CC vein with cc centres												
		@ 70° to C.A.												
		24.40 - 25.00 HEMATITIC CC-CHALCEDONY VEIN with banded												
		chalcedony on walls @ 70° to C.A. x-cut by minor clay												
		fractures. Up to 80% cc & 10% SiO2.												
		25.00 - 25.30 INTENSELY BLEACHED SILICIFIED & CLAY ALTERED	7874	24.00	25.00				18	2.4				
		WALLROCK.	7875	25.00	26.00				109	9.6				
		25.40 - 26.10 FRACTURE CONTROLLED CHALCEDONY BX with cc												
		centres. Minor silicification & bleaching of wallrock												
		up to 5% SiO_2. Angles to C.A. 45°, 80° &0°												
		26.10 - 28.00 INTENSE CHL ALT'N x-cut by minor chalcedony	7876	26.00	27.00				12	2.2				
		& cc fractures.	7877	27.00	28.00				14	3.0				
		28.00 - 28.90 RELATIVELY UNALTERED WALLROCK.	7878	28.00	29.00				4	0.6				
		28.90 - 29.50 Epidotized & chloritized wallrock with	7879	29.00	30.00				5	0.5				
		ep fractures. X-cut by banded chalcedony & cc veins.												
		29.50 - 29.85 CC-CHALCEDONY BX ZONE with banded												
		chalcedony @ margins. Minor bleaching wallrock envelopes												
		70° to C.A.												
		29.85 - 31.00 RELATIVELY UNALTERED WALLROCK.	7880	30.00	31.00				3	0.6				
		30.25 - 30.60 Banded chalcedony-cc vein @ 5° to C.A.												
		x-cut by hematitic cc fractures @ 45° & 10° to C.A.												
		31.00 - 36.18 INTENSE CHL & CLAY ALTERED WALLROCK	7881	31.00	32.00				23	1.7				
		possibly due to faulting.	7882	32.00	33.00				25	2.5				
		30.80 - 32.31 Broken core due to faulting.	7883	33.00	34.00				8.	2.0				

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 4	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		35.10 - 35.18 Bull cc-minor chalcedony vein @ 80° to C.A.	7884	34.00	35.00				36.	3.0				
		36.18 - 39.30 Fragmental crystal tuff with matrix prefern-tially bleached & chl altered. X-cut by minor cc & chalcedony veins.	7885	35.00	36.00				12	1.9				
			7886	36.00	37.00				25.	2.8				
		38.10 - 38.34 Bull cc vein @ 40° to C.A.												
		39.30 - 39.75 CHAL & CLAY ALTERED WALLROCK x-cut by minor chalcedony & hematite fractures.												
		39.77 - 39.90 REBRECCIATED CHALCEDONY-CC BX with chalcedony & cc frag's in carb-clay altered matrix gray to cream chalcedony frags. Minor Jasper.												
		39.90 - 44.15 INTENSE CLAY & CHL ALTERED WALLROCK with complete destruction of porphyritic texture. X-cut by chalcedony microbx & cc veins.												
		43.10												
		43.40 - 44.70 ~~CC veins to 10cm wide @ 10° & 80° & 45° to C.A.~~												
		44.10 - 47.80 CHALCEDONY-CC BX ZONE with bull cc centres & matrix. Banded rebrecciated chalcedony frags in centre & along margins. Intense silicification of wallrock frag's. Up to 40% SiO2 & 60% cc chalcedony varies from brown to dark grey. Some wallrock frag's completely altered to clay. Cc impregnated with hematite in places.												
		47.30 - 47.40 Intensely clay altered & silicified wallrock x-cut by caly fractures.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 5	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
		47.40 - 48.90 FAULT ZONE with highly broken core.
		Broken core consists of chalcedony frag's as well as
		wallrock Fault gouge @ 45.90 70° to C.A.
48.90	6035	QUARTZ ANDESITE CRYSTAL TUFF with lapilli sized-2cm
		hematitic fragments & hematitic matrix. 1-2mm qtz eyes
		x-cut by minor chalcedony & ep fracture fillings.
		48.90 - 49.99 Intensely silicified & bleached wallrock
		with chalcedony veins with diffused margins.
		49.99 - 50.17 Chalcedony bx with rebrecciated chalcedony
		& silicified wallrock frags. X-cut & bx by cc fractures.
		50.17 - 57.20 Extensibely bleached wallrock x-cut
		by ep fracture fillings. Minor chalcedony chl microbx
		ebery 10-30cm. 0, 45° & 85° toC.A.
		Plag phenocrysts altering to ep.
		58.20 - 60.35 Unaltered wallrock.
		60.35 E.O.H.

CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT

DIAMOND DRILL HOLE RECORD

Property GRACE

Level	Lat.	Hole No. G-88-2	Dip Tests
Location 91+75N, 48+18E	Dep.	Sheet No.	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P. Reynolds	
Depth	Slope	M. Vulmiri	Azimuth 232°

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au% (PPB)	Ag% (PPM)	RECOVERY RUN	SHORT
0	3.05	CASING								
3.05	43.56	REWORKED FRAGMENTAL ANDESITE CRYSTAL TUFF WITH EPICLASTIC	7903	8	9		3	0.5		
		TESTURES. Size of fragments up to 4cm leamatiic matrix.	7904	9	10		152	1.0		
		Chlorite and epidote altn in places. Layering 70°	7905	10	11		64	2.8		
		to C.A. cross-cut by calcite fracture fillings 10° to	7906	11	11.5		28	2.1		
		C.A. minor hematitic staining within veins. Banded chalcedony								
		veinlets with calcite centers and epidote altn envelopes	7907	11.5	12.5		24	1.8		
		at 50°, 10 & 100° to C.A. 2% pyrite in chloritic matrix.	7908	12.5	13		13	1.4		
			7909	13	14.5		26	4.8		
		3.05 - 4.00 Broken core.	7910	13.5	14.5		7	1.6		
			7911	14.5	15		79	5.7		
		4.00 - 8.40 RELATIVELY UNALTERED WALLROCK with minor	7912	15	15.5		280	23.5		
		epidote-altered fragments cross-cut by minor 9 -calcite-	7913	15.5	16.5		25	2.1		
		veinlets and microbreccias at 45, 80 & 135° to C.A.	7914	16.5	17.5		128	3.4		
		Banded chalcedony veinlets up to 3mm and and calcite	7915	17.5	18.5		91	8.5		
		centres 45° to C.A.	7916	18.5	19.5		67	6.4		
		4.15 - 4.20 Calcite vein with chalcedony fragments	7917	19.5	20.5		55	3.1		
		hematitic staining around fragments. Banded chalcedony	7918	20.5	21.5		39	2.5		
		along margins. Brecciated calcite fragments with chloritic	7919	21.5	22.5		83	5.4		
		matrix in the centre. 50° & 70° to C.A.	7920	22.5	23.5		34.15	339.9		
		4.33 - 5.49 Same as 4.15-4.20 30° to C.A.	7921	23.5	24.5		1645	397.6		
			7922	24.5	25.5		12.15	161.7		
		8.40 - 8.63 Chalcedony-calcite breccia with hematite	7923	25.5	26.00		1035	138.5		
		staining and fracture. X-cut by chlorite fractures.	7924	26.00	27.2		1905	221.3		
			7925	27.2	28.00		138	17.1		
		8.63 - 10.43 INTENSELY EPIDOTIZED MATRIX AND FRAGMENTS.	7926	28.00	29.00		68	6.1		
		Hematite in matrix and staining in feldspars. Some	7927	29	30.00		15	0.9		
		zonation in feldspars.	7928	30	31		18	2.4		
		9.01 - 9.07 Banded chalcedony & calcite vein with	7929	31	32		54	5.6		
		coarse crystalline hematitic calcite at 45°-60°	7930	32	33		13	1.6		
		to C.A. X-cut by epidote ffs at 30° minor desplacement	7931	33	34		43	4.2		
		minor wallrock fragments. X-cut by pyrite-chl ffs.	7932	34	35		46	5.7		
			7933	35	36		44	6.2		
		10.43 - 11.56 RELATIVELY UNALTERED WALLROCK.	7934	36	37		27	3.0		
			7935	37	38		21	2.8		
		11.56 - 14.15 10-20cm wide chalcedony-calcite veins	7936	38	39		18	3.0		
		and breccias with chloritized wallrock fragments.	7937	39	40		17	3.1		
			7938	40	41		50	3.2		

P. Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au %	Ag %	RECOVERY RUN	SHORT
		Minor hematitic staining x-cut by chlorite fractures.	7939	41	42		95	2.2		
		10-15% SiO_2 e.g. 11.66-11.8, 12.2-12.47, 12.82-12.97	7940	42	42.3		53	1.2		
		8 13.19-13.28 45° to C.A. Wallrock relatively unaltered.	7941	42.3	43.3		96	4.6		
			7942	43.3	44		129	4.4		
		16.15 - 14.50 Banded, chalcedony veinlets and calcite	7943	44	45		37	3.6		
		centres with HIGHLY BLEACHED WALLROCK envelopes up to	7944	45	46		21	2.7		
		4cm wide. CRYSTALLINE EPIDOTE AND CHLORITE in junction	7945	46	47		40	2.3		
		of two veins chalcedony ffs in adjacent, wallrock 45-90°	7946	47	48		6	0.4		
		to C.A.	7947	48	49		5	0.4		
		14.50 - 15.08 Same as 11.56 - 14.00.								
		14.70 - 14.74 Banded chalcedony & calcite veins								
		14.84 - 14.92 with bxted banded chalcedony and wallrock								
		Minor chlorite and epidote.								
		15.08 - 15.70 BANDED CHALCEDONY QTZ CALCITE BRECCIA								
		cream to white chalcedony. Minor rebxted chalcedony frags.								
		x-cut by hairline calcite ffs 0-15° to C.A. silicified								
		wallrock fragments with bleached envelopes. Minor								
		epidote partures. 30% SiO_2 and 30% chalcite. Breccia								
		60° to C.A.								
		15.70 - 16.08 Relatively unaltered wallrock.								
		16.08 - 17.12 FRACTURE-CONTROLLED CHALCEDONY-CALCITE								
		BRECCIA. Subtly banded chalcedony matrix with calcite								
		centres. Epidotized wallrock fragments up to 3cm.								
		Breccia x-cut by chlorite & epidote fractures. 5-10%								
		SiO_2 minor bleaching of wallrock. 50°, 30° & 80° to C.A.								
		17.12 - 18.59 Intense clay & chlorite altered wallrock								
		possibly DUE TO FAULTING. Broken core: x-cut by chalcedony								
		veinlets up to 5mm 45°-60° to C.A. minor silicification.								
		18.59 - 21.40 Alternate chloritic and hematitic layers.								
		Minor bleached and clay-altered wallrock.x-cut by calcite								
		banded chalcedony fractures and veinlets at 0°, 45° to								
		C.A.								

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		20.50 - 20.56												
		20.70 - 20.77 ~~CHALCEDONY-CALCITE VEIN WITH calcite & chlorite centres. Banded chalcedony 5°, 45° to C.A. MIN. ARGENTITE? ELECTRUM & DARK CHALCEDONY IN CENTRE.~~												
		21.03 - 21.20 Calcite vein with chalcedony adjacent to walls. Minor x-cutting chlroite ffs. Chalcedony bxted near wallrock. Slight displacement along 15° to C.A.												
		21.20 - 21.83 Chloritized wall rock with calcite-chalcedony-chlorite veins and vreccias. Minor bleached wallrock envelopes veins at 21.40 to 21.83.												
		21.83 - 22.65 BLEACHED & CLAY-ALTERED WALLROCK with minor silicification. Primary fragments lesser altered x-cut by calcite ffs and chalcedony veinlets.												
		22.65 - 27. 15 CHALCEDONY-CALCITE BRECCIA AND VEINING WITH INTENSE BRECCIATED CHALCEDONY and wallrock fragments. Well banded with clacite centres. Wallrock frags completely bleached of fafics. Up to 30% JASPER color of chalcedony cream to green to dark gray up to 40% SiO_2 electrum and argentite in chalcedony matrix.												
		23.14 - 23.39 Silicified and chloritized wallrock x-cut by chalcedony ffs 22.29-23.39 and broken core.												
		23.66 - 24.00 Same as above.												
		26.60 - 26.70 Same as above.												
		27.09 - 27.14 INTENSELY SILICIFIED AND BLEACHED WALLROCK x-cut by banded chalcedony veinlets at 70° to C.A.												
		27.15 - 27.87 Chloritized and silicified wallrock lematitic feldspar relicts. x-cut by chalcedony and calcite ffs 0-30° to C.A. Banded chalcedony-calcite vein 1-2cm wide at 45°-70° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		27.87 - 28.47 FRACTURE-CONTROLLED CHALCEDONY BRECCIA WITH CALCITE CENTRES. Pink hematitic clacite in places. Minor silicification and bleaching of wallroxk. Chalcedony-calcite vein 10cm in the upper wall. 30° to C.A.												
		28.47 - 29.21 Chloritized and epidotized wallrock, slightly bleached. Hematitic stained feldspars.												
		29.21 - 29.31 Calcite vein with chalcedony centres.												
		29.31 - 33.30 CHLORITIZED WALLROCK x-cut by epidote and calcite fractures.												
		29.40 - 29.70 Calcite-chalcedony breccias of veins with												
		29.90 - 29.95 chalcedony centres, banded chalcedony												
		30.00 - 30.17 frags. Banded chalcedony margins with bleached wallrock envelopes up to 4cm 90°, 45° & 60° to C.A.												
		30.60 - 31.11 Calcite-chalcedony breccias of veins with												
		31.25 - 31.40 chalcedony centres, banded chalcedony frags.												
		31.60 - 32.03 Banded chalcedony margins with bleached												
		32.14 - 32.16 wallrock envelopes up to 4cm 90°, 45° & 60° to C.A.												
		33.30 - 33.70 Chalcedony-calcite breccia zone WITH POST-MINERAL FAULTING. CHLORITIC SHEARS. Some hematitic staining in calcite and along margins. Bleached wallrock up to 3cm.												
		33.70 - 36.23 INTENSELY CHLORITIZED WALLROCK both in matrix and 1-2cm sized frags. Minor bleaching. x-cut by chalcedony calcite veinlets and chloritic shears at 0 & 45° to C.A.												
		34.80 - 34.93 Fracture-controlled breccia is banded												
		35.17 - 35.37 chalcedony & clay shears.												
		36.23 - 39.01 INTENSELY BLEACHED AND SILICIFIED WALLROCK WITH FRACTURE-CONTROLLED CHALCEDONY BRECCIAS AND CALCITE VEINS. up to 10% SiO_2												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		36.30 - 37.00 Crystalline calcite.												
		37.70 - 38.00 Chalcedony-chalcite vein with minor												
		brecciation.												
		38.24 - 38.38 Fractue-controlled chalcedony												
		38.70 - 39.00 breccia.												
		39.01 - 42.20 CALCIATE-chalcedony breccia												
		39.01 - 40.30 Calcite-chalcedony breccia with grey to												
		cram chalcedony frags in minor rebrecciated chalcedony												
		and chloritic wallrock frags.												
		40.30 - 42.20 Calcite breccia with coarse crystalline												
		white calcite matrix and dark grey calcite fragments.												
		Lower contact, chalcedony breccia with diffused fragment												
		boundaries. Color of c;halcedony white to pink.												
		42.20 - 43.40 REBRECCIATED CHALCEDONY BRECCIA WITH												
		CRAM TO DARK GREY SLIGHTLY ROUNDED CHALCEDONY FRAGMENTS,												
		and intensely clay-altered and silicified wallrock frags.												
		The siliceous matrix appears to be gouge like, suggesting												
		THE BRECCIA ZONE WAS EMPLACED IN ACTIVE FAULT ZONE.												
		43.40 - 44.14 FAULT ZONE with shattered chloritized wallrock												
		and chalcedony fragments gouge at 43.94-44.14.												
		44.14 - 54.25 QUARTZ ANDESITE CRYSTAL TUFF with minor												
		lapilli, cross-cut by chalcedony-calcite ffs every 15.20cm												
		epidote in fractures and in matrix. Hematitic matrix and												
		heamtie stained feldspars.												
		44.14 - 45.30 Minor bleached and dlay-altered eallrock												
		with fracture-controlled chalcedony breccias, up to 3%												
		SiO_2. Minor banding. X-cut by calcite and chlorite												
		and chlorite fractures at 50° to C.A.												
		45.30 - 46.23 FAULT ZONE shattered and broken wallrock												
		60° to C.a. chloritic gouge.												
		46.23 - 48.16 Minor bleached wallrock. x-cut by minor												
		epidote=-calcite ffs.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE		DESCRIPTIONS	CORE ASSAYS										RECOVERY	
FROM	TO		No.	FROM	TO	FEET	%	%					RUN	SHORT
		48.16 - 54.24 Chlorite & epidote-altered wallrock x-cut												
		by epidote ffs and chalcedony veinlets. Minor k-spar												
		veinlets in places.												
		51.61 1cm banded chalcedony veinlet 45° to C.A.												
		49.97 - 50.20 k-spar quartz veinlet 35° to C.A.												
		52.65 Banded chalcedony-calcite vein 3cm wide with												
		epidote in open space												
		53.60 Minor epidote & chloritic fracturs												
		54.25 E.O.H.												

DIAMOND DRILL HOLE RECORD

Property: GRACE

Level	Lat.	Hole No. GDDH-3	Dip [redacted]
Location 91+50N, 48+21E	Dep.	Sheet No. 1	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P. Reynolds, M. Vulimiri	Azimuth 232°
Depth	Slope		Scale: 1:50

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	3.05	CASING
3.05	13.30	TODDOGGONE ASH FALL TUFF 1-2mm Qtz. fragments in red hematitic matrix. No mafics. Selective replacement of plagioclase feldspar by Fp. Xcut by Cc frac @ 30 to 45 to C.A. Layering @ 70 to C.A.
13.30	13.41	Minor shear zone with clay gouge.
13.41	37.8	ANDESITE HEMATITIC CRYSTAL LAPILLI TUFF, with hematite matrix, wallrock frag's up to 2cm layering @ 45 to C.A. 1-2% Py in matrix.
		13.41 - 14.10 Clay altered due to faulting. Clay fractures @ 0 - 80 to C.A.
		14.1 - 14.2 CHALCEDONY QTZ ZONE with Cc centres cream to gray chalcedony frags. Bleached & chloritic wallrock. Up to 20% chalcedony
		14.3 - 15.0 Broken core due to minor shearing.
		15.0 - 16.5 Xcut by Chl & Fp and cc & minor chalcedony fracture fillings with NARROW BLEACHED WALLROCK ENVELOPES. 16.45 - 16.5 2cm Fp - Cc minor qtz veinlet with 1cm bleached wallrock envelopes @ 60 to C.A.
		16.5 - 17.9 RELATIVELY UNALTERED WALLROCK with minor chalcedony & Cc fractures.

CORE ASSAYS

No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)
7948	13	14		4	0.5
7949	14	15		17	1.4
7950	15	16		1	3.7
7951	16	17		1	0.5
7952	17	18		316	1.3
7953	18	19		3	1.2
7954	19	20		1	0.2
7955	20	21		3	0.8
7956	21	22		9	1.5
7957	22	23		5	1.5
7958	23	24		28	2.8
7959	24	25		43	5.3
7960	25	26		275	16.8
7961	26	27		245	3.0
7962	27	27.5		245	5.6
7963	27.5	28.2		7835	149.5
7964	28.2	29.00		265	19.6
7965	29.	30.		535	82.3
7966	30	31		13115	135.9
7967	31	32		835	108.3
7968	32	33		96	7.1
7969	33	34		54	11.6
7970	34	35		67	11.1
7971	35	36		63	3.9
7972	36	37		44	1.3

RECOVERY

RUN	SHORT

P. Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 2	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
		~~17.9 - 18.8 FRACTURE CONTROLLED Cc CHALCEDONY bX. with chalcedony fragments in Cc matrix Bx @ 70 to C.A. Chalced. frag's cream to dark gray. RELATIVELY UNALTERED WALLROCK.~~
		~~19.2 - 26.6 WELDED LAPILLI TUFF, welding @ 50 to C.A. Lapilli preferentially altered to Ep & Chl.~~
		~~19.2 - 20.0 Epidotized lapilli in RELATIVELY UNALTERED matrix. Xcut by chalcedony & Cc microbox & veinlets @ 30 & 45 .~~
		~~19.66 - 19.9 chalcedony cream to dark gray.~~
		~~20.0 - 20.43 Intensely epidotized & bleached LAPILLI & MATRIX Xcut by chalcedony to Cc veinlets every 1-3cm.~~
		~~20.43 - 21.7 Intense chloritized & epidotized AND BLEACHED LAPILLI & MATRIX. Xcut by chalcedony Cc veins & Bx with Cc centres & grey chalcedony margins.~~
		~~20.66 - 20.8) Bx zones~~
		~~21.1 - 21.2) @ 45 , 135, 80 &~~
		~~21.6 - 61.65) to 0 to~~
		~~21.7 - 22.2 Lesser altered wallrock with MINOR BLEACHING.~~
		~~22.2 - 22.3 Chalcedony microbx.~~
		~~23.3 - 23.7 Same as 20.43 - 21.7~~
		~~23.7 - 23.9 Cc vein with chalcedony margins @ 5 & 70 to C.A.~~
		~~23.9 - 24.9 Lesser chl. & Ep altered wallrock~~
		~~23.65 - 23.85 Cc microbx.~~

CORE ASSAYS No.	FROM	TO	FEET	Au %	Ag %					RECOVERY RUN	SHORT
7973	37	38		.24	2.8						
7974	38	39		.16	1.9						
7975	39	40		.34	3.5						
7976	40	41		.21	2.2						
7977	41	42.06		.20	2.6						

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 3	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	RECOVERY RUN	SHORT
		~~23.85 - 24.9 Chalcedony fracture fillings & Cc chalced. microbx from 3mm to 3cm wide @ 30, 85 to 0 to C.A. chalcedony subtly banded from cream to dk gray.~~								
		~~24.9 - 25.3 INTENSE BLEACHED WALLROCK WITH Ep altered lapilli.~~								
		~~25.3 - 25.55 CHALCEDONY BX ZONE WITH MINOR Cc xcut by minor chl. fractures. Jasper along margins. Chalcedony cream to green. Up to 80% S:02 70 to C.A.~~								
		~~25.55 - 26.6 BLEACHED WALLROCK with chloritized & Epidotized lapilli. Xcut by Ep. fractures.~~								
		~~26.6 - 26.9 FRACTURE CONTROLLED CHALCEDONY BX. zone Xcut by Cc veins @ 30 & 85 to C.A. Cc gray to hematitic. Minor silicified wallrock. UP TO 20% S:02.~~								
		~~26.9 - 27.75 Same as 25.55 - 26.6~~								
		~~27.75 - 28.2 CHALCEDONY BX ZONE with dark gray to cream chalcedony margins and frag's Cc centres. JASPER ON MARGINS. VISIBLE ELECTRUM & ARGENTITE. 80 & 30 to C.A.~~								
		~~28.2 - 29.0 Chloritized wallrock xcut by Cc chalcedony veinlets. Banded chalcedony margins.~~								
		~~29.0 - 29.35 CHALCEDONY JASPER BX ZONE with Cc centres & open~~ ~~29.56 - 29.87 space Cc fillings. Chalcedony cream to green. Visible Electrum & Argentite. 45 , 30 & 80 to C.A. Relatively unaltered wallrock between the two bx zones.~~								
		~~29.87 - 30.0 Intense Ep altered wallrock and minor bleaching.~~								

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 4	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		30.0 - 32.5 CHALCEDONY BX ZONE with cream to dark gray chalced. and Jasper up to 31.2. Below 31.2 mostly cream chalcedony with rebrecciation. Visible argentited electrum in dark gray chalced. AND JASPER MATRIX. INTENSELY BLEACHED & SILICIFIED WALLROCK FRAGS. Top contract @ 70 to C.A. Up to 60% S:02.												
		32.5 - 36.3 INTENSELY BLEACHED & SILICIFIED WALLROCK complete destruction of porphyritic textures. Xcut by up to 1 cm chalced. veinlets.												
		36.3 - 37.3 CHALCEDONY BX ZONE with round and milled chalcedony frag's with siliceous gouge like matrix. Up to 70% S:02.												
		35.4 - 35.9 Broken core due to faulting.												
		36.6 - 37.0 Hematitic chalcedony with white qtz vein @ 80 to C.A.												
		37.3 - 39.0 Fault zone with chalcedony & clay altered wallrock frag's.												
39.0	42.06	QUARTZ EYE ANDESITE CRYSTAL TUFF with faulting.												
		39.01 - 39.7 Chalcedony Bx zone with cream to brown chalced. in siliceous wallrock matrix.												
		41.2 - 41.3 }												
		41.5 - 41.6 } SMALL FAULT ZONES.												
		41.9 - 41.95 }												
42.06		END OF HOLE												

DIAMOND DRILL HOLE RECORD

Property: GRACE Property

Level	Lat.	Hole No. G-DDH 88-4	Dip Tests
Location 92+00N, 48+48E	Dep.	Sheet No. 1	-45°
Date Started	Elev.	Core Size	
Date Finished	Azimuth: 232°	Logged by P Reynolds	
Depth	Slope	M. Volimir	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	SHORT
0	5.49	CASING								
5.49	14.63	ANDESITE FRAGMENTAL CRYSTAL TUFF Fragments chloritic & Epidotized up to 4cm. Xcut by chalcedony Cc Bx & micro. bx. every 1-5cm. Some with rebrecciated chalcedony frags. Chalcedony brown to gray.								
		5.49 - 14.63 Broken core to shearing and faulting.								
		7.6 - 7.67 CHALCEDONY MICROBOX. with Cc matrix @ 80 to C.A.								
		8.46 - 8.85 Chl. & clay altered wallrock due to faulting ?								
		8.85 - 9.22 CC CHALCEDONY BX zone with hamatized & silicified Dark gray to green to cream chalcedony frag's along margins & centres in Cc matrix.	7978	8.8	9.8		18	2.9		
			7979	9.8	10.8		8	1.6		
		9.22 - 9.56 Clay altered host rock due to faulting.								
		9.56 - 10.0 Fault zone. Shearing @ 45 to C.A.								
		10.0 - 10.2 CC CHALCEDONY MICROBX. @ 40 to C.A.								
		10.2 - 10.82 Broken core with clay & Cc shears.	7980	10.8	11.8		14	1.2		
		11.0 - 11.04 CC CHALCEDONY MICROBX.								
		11.5 - 11.58 HIGHLY BLEACHED WALLROCK FRAG WITH CLOTS OF HEMATITIE & CHL.	7981	11.8	12.8		10	1.3		
		11.58 - 12.54 Xcut by Cc & clay shears.	7982	12.8	13.8		11	1.5		

P Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 2	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	Au % (PPB)	AG % (PPM)	RECOVERY RUN	RECOVERY SHORT
		12.54 - 12.57 CHALCEDONY CC BX ZONE WITH REBRECCIATED CHALCEDONY FRAGS. AND BLEACHED WALLROCK TO 1CM.							
		12.57 -13.45 XCUT BY 1-2MM WIDE CC CHALCEDONY FRACTURES WITH NARROW BLEACHED WALLROCK ENVELOPES.	7983	13.8	14.6	20	25.		
		13.5 - 13.6 Cc vein (10cm) @ 80 to 70 to C.A.							
		13.6 - 14.63 Xcut by Cc and greenish clay gouge shears. 13.75 } gouge zones 14.1 }							
14.63	29.87	HIGHLY LIGHIFIED HEMATITIC WELDED TUFF with flattened eye shaped lappilli @ 60 to C.A. Fragmental in places. Up to 2cm frag's Xcut by chl. & Ep fracture fillings @ 0-5 to C.A. Feldpsar phenocrysts replaced by Ep. 1/2mm - 1mm minor mafics. Few hairline qtz-Cc fracture fillings @ 30 to 60 to C.A. A few lapilli are preferentially latered to Ep.							
		14.63 - 14.83 FAULT ZONE WITH CLAY SHEARS @ 80 TO C.A.							
		22.6 - 22.7 Xcut by Ep shears @ 30 to C.A.							
		23.0 - 23.1 Qtz hairline fracture filling @ 30 & 45 to C.A.							
		23.1 - 23.47 Xcut by chl. - qtz frac's @ 0+45 to C.A.							
		27.3 - 28.1 Well layered with flatterned and stretched lapilli.							
		28.1 - 29.87 Unit is less and less hematitic.							

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 3	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	SHORT
29.87	72.05	FRAGMENTAL CRYSTAL LAPILLI TUFF with minor welding. Lapilli being replaced by Fp & chl. Lapilli oriented @ 45 to C.A.								
		30.48 - 30.85 BLEACHED & Epidotized wallrock xcut by qtz. chalcedony fracture fillings which are again xcut by Cc fractures.	7984	30	30.5		31	2.7		
			7985	30.5	31.5		4	0.3		
		30.85 - 31.2 INTENSELY BLEACHED & SILICIFIED WALLROCK. xcut by clay fractures.								
		31.2 - 32.0 FRACTURE CONTROLLED CC CHALCEDONY BX with chalcedony frag's in Cc matrix. Chalcedony is cream to dark gray. Bleached wallrock frag;s to 1cm. Within the bx, 28% SiO2.	7986	31.5	33.00		10	1.2		
		32.0 - 33.25 HIGHLY SILICIFIED & BLEACHED wallrock with banded hematitic qtz. chalcedony fracture fillings @ 30 to 80 to C.A. Hematitic wallrock matrix in places.								
		33.25 - 33.75 QTZ CHALCEDONY BZ zone with Cc centres & chalcedony frag's in Cc matris. Banded chalcedony cream to gray., with intense clay altered wallrock. Bx @ 30 to C.A.								
		33.75 - 34.28 HIGHLY SILICIFIED & BLEACHED wallrock with chalcedony fracture fillings.	7987	33.00	34.00		26	2.9		
		33.95 3cm Banded chalcedony vein with Cc centres. Xcut by cc fractures Chalcedony cream to dark gray.								
		34.28 - 34.48 CC BX OF VEINING. White to pink coarse xtalline Cc and frag's @ lower contact.								

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 4	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	RECOVERY SHORT
		34.48 - 35.60 HIGHLY SILICIFIED & BLEACHED WALLROCK. Hematitic Plag feldspar remnants. Xcut by Cc fracture fillings. Occasional chalcedony frag's.	7988	34	35		102	6.8		
		35.20 chalcedony vein & fragments for 1cm.								
		35.60 - 36.00 SLIGHTLY BLEACHED WALLROCK. Xcut by Cc fractures @ 45 .	7989	35	36		24	1.8		
		36.0 - 36.26 CHL & EP ALTERED WALROCK Hematitically altered Plag. frag's. Occasional bleached wallrock frag.								
		36.26 - 36.40 FRACTURE CONTROLLED bx Cream to gray banded chalcedony Matrix and frag's. Chl & Ep altered wallrock frag's.								
		36.40 - 36.56 CC VEINING AND MICROBX @ INTERSECTION at 45 & 100 veinlets. White & hematite stained Cc. Chloritic and slightly bleached wallrock. Chalcedony fractures @ 20 .								
		36.56 - 37.53 CC & CHALCEDONY VEINING AND BX AND FRACTURE BX. Cream to dark gray banded chalcedony matrix with chloritized & hematized wallrock frag's xcut by 1-5cm coarse xtalline Cc vein.	7990	36.	37		16	0.2		
		37.05 - 37.14 } Cc veins with hematite @								
		37.53 - 56 } 30 & 40 to C.A.								
		36.89 - 36.99 } Relatively unaltered hematitic welded tuff.								
		37.53 - 37.80 Bleached & silicified wallrock.	7991	37	37.75		61	3.0		

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 5	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	RECOVERY SHORT
		37.80 - 41.78 CC CHALCEDONY BX & VEINING BANDED & REBRECCIATED CHALCEDONY with epidotized and bleached wallrock frag's. Brecciated Cc veins with banded chalcedony margins. Visible ARGENTITE in siliceous matrix. Some hematitic margins. Chalcedony cream to dark gray. Chalcedony cream to dark gray. Chalcedony xcut by hairlin Cc fractures.	7992	37.76	39.		16	4.0		
		39.40 - 39.78 Xcut by clay gouge.	7993	39	40		55	6.0		
			7994	40.	40.76		99	8.6		
		41.78 - 42.03 HIGHLY BLEACHED WALLROCK XCUT BY CHALCEDONY & CC VEINLETS & FRACTURES.	7995	40.75	42.00		93	5.9		
		42.03 - 42.78 EP AND CHL ALTERED WALLROCK xcut by cc fractures @ 30 to 45 to C.A.								
		42.42 - 42.45 FRACTURE CONTROLLED CC CHALCEDONY BX. with banded chalcedony frag's and hematite stained Cc.								
		42.66 - 41.79 Cc chalcedony vein. Chalcedony margins & centres.								
		41.78 - 42.85 MODERATELY BLEACHED & SILICIFIED WALLROCK.								
		42.85 - 43.10 FRACTURE CONTROLLED CHALCEDONY CC BX. Banded cream to green to dk. gray chalcedony with Cc centres. Highly bleached. Sometimes hematitic wallrock fragments. Visible ARGENTITE in siliceous martix.	7996	42.	43		4385	199.6		
		43.10 - 44.25 HIGHLY BLEACHED WALLROCK with few. CHALCEDONY Cc VEINLETS & BX. Banded chalcedony frag's & visible ARGENTITE.	7997	43	44		655	56.5		

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 6	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)					RECOVERY RUN	SHORT
		44.25 - 44.55 CHL. & EP ALTERED WALLROCK.												
		44.40 - 44.45 Brecciated chalcedony.												
		44.55 - 44.60 Banded chalcedony vein with chalcedony bx in centre.												
		44.60 - 44.75 HIGHLY BLEACHED WALLROCK.	7998	44	45		87	5.6						
		44.75 - 45.21 CC CHALCEDONY BX with hematite stained Cc matrix & banded chalcedony and slightly bleached wallrock frag's.												
		45.21 - 46.60 EP AND CHL ALTERED WALLROCK WITH SLIGHT BLEACHING xcut by cc & Ep fractures.	Q7999	45	46		14	1.3						
		46.60 - 47.70 Ep altered and moderate bleached wallrock xcut by Ep fractures and chalcedony stringers.	8000	46	47		38	2.5						
		46.66) 46.97) 47.15) 47.67) CHALCEDONY VEINS UP TO 1CM WITH CREAM TO DARK GRAY CHALCEDONY.												
		47.7 - 47.77 Banded chalcedony Cc vein. Cream to kark gray chalcedony. Margins. Cc centres.												
		47.77 - 47.84 HIGHLY BLEACHED and silicified wallrock xcut by chl & Ep shears. 15% S:02.												
		47.84 - 48.56 CHALCEDONY CC VEINS AND FRACTURE CONTROLLED BX in highly bleached and epidotized wallrock. Cream to dark gray chalcedony veins and frags.	Q2001	47	48		68	9.7						
			2002	48	49		86	10.1						
			2003	49	50		42	5.6						
			2004	50	51		16	1.1						
			2005	51	52		16	0.6						
			2006	52	53		52	3.5						
			2007	53	54		785	68.6						
			2008	54	55		72	11.7						

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 7	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	SHORT
		55.11 - 55.12)								
		55.28 - 55.29) CHALCEDONY CC VEINLETS. BANDED CHALCEDONY								
		55.59 - 55.60) WITH Cc centres. 30 to 45 to C.A. Occasionally								
		55.88 - 56.00) with hematitic margins.								
		56.30 - 56.40)	2009	55	56		167	35.7		
			2010	56	57		22	3.7		
		57.55 - 57.75 Cc chalcedony bx. Cc matrix with chalcedony and highly epidotized wallrock frag's.								
		57.75 - 58.33 HIGHLY BLEACHED wallrock. Lightly silicified xcut by banded chalcedony veinlets @ 30 & 45 to C.A. up to 1cm wide every 15 - 20 cm. 20% S:02.	2011	57	58		27	4.7		
		57.33 - 57.82 CHALCEDONY VEINING AND BOX. Banded chalcedony matrix to fragments. Bleached wallrock frag's.								
		57.50 - 57.57 Py fracture fillings @ 45 to C.A.								
		57.82 - 61.57 HIGHLY BLEACHED & SILICIFIED WALLROCK S:02 feldspar ghosts. Chl & Ep frags.	2012	58	59		17	3.8		
			2013	59	60		79	12.3		
		60.90 - 60.93 Chalcedony Cc veins								
		61.06 - 61.11 Chalcedony centres, Cc margins								
		61.27 - 61.29 Some hematitic fractures. 30% S:02	2014	60	61		16	4.6		
		61.57 - 62.50 CC CHALCEDONY BX WITH white to red Cc matrix and banded chalcedony frag's. Dark colored shears @ 50 with VISIBLE ARGENTITE?	2015	61	62		15	2.9		
			2016	62	63		168	24.2		
			2017	63	64		9	2.7		
		62.50 - 67.25 HIGHLY BLEACHED & SILICIFIED WALLROCK. 20% S:02. Xcut by chalcedony fractures and veinlets to 4mm @ 0,30 45 ,& 135 to C.A.	2018	64	65		14	2.6		
			2019	65	66		23	2.9		
		67.26 - 64.50 Cc box with few chalcedony frag's & bleached wallrocks frag's.	2020	66	67		120	17.3		
		65.85 - 66.08 CC CHALCEDONY VEIN with Cc centres and banded chalcedony rims. Chalcedony from cream to dk. grey. JASPER with the chalcedony.								
		66.83 - 67.12 CC VEIN @ 30 TO C.A. Some bx with banded chalcedony								

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 8	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au% (PPB)	Ag% (PPM)	RECOVERY RUN	SHORT
		68.94 - 69.63 CC CHALCEDONY VEINING AND BX. with banded chalcedony								
		frag's & highly bleached & silicified wallrock frag's. Some JASPER.	2021	67	68		124	33.6		
		Some JASPER. Chl fracture filling @ 10 & 30 to C.A.	2022	68	69		18	2.2		
			2023	69	69.6		12	2.2		
		69.63 - 70.06 Broken core due to faulting								
		70.06 - 70.20 Chl & Ep altered wallrock with chalcedony & Jasper frag's.								
		70.20 - 70.36 Broken core due to faulting								
		70.36 - 71.37 Chl & Ep altered wallrock with chalcedony frags. Some	2024	69.6	71		73	3.4		
		broken core.	2025	71	72		2293	8.8		
		71.37 - 72.13 Broken core and clay fault gouge.	2026	72	73		6	0.1		
72.13	78.64	HEMATITIC QTZ-ANDESITE FRAGMENTAL CRYSTAL TUFF with 1-3mm qtz. eyes.								
		xcut by Cc fracture filling @ 30 , 45 & 60 - 90 to C.A.								
		72.13 - 74.60 Xcut by chalcedony veinlets @ 30 to 90 to C.A.								
		73.80 - 74.30 Mudstone bed.								
		74.60 - 78.64 Unaltered wallrock.								
78.64		END OF HOLE.								

DDH 88-5

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No. 92+25N, 48+18E	Dip Tests
Location 92+25N, 48+18E	Dep.	Sheet No. 1 of 7	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P. Reynolds	
Depth	Slope	Azimuth 232°	

Property GRACE

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	3.05	CASING.
3.05	17.68	HIGHLY LITHIFIED HEMATITIC WELDED TUFF with flattened eye shaped lapilli @ 70° to C.A. fragmental in places up to 3cm frag's x-cut by ep & cc fractures @ 0-30° to C.A. feldspar phonocrysts replaced by ep few capilli preferentially altere to ep.
		3.05 - 3.40 Broken core due to faulting.
		14.53 - 17.68 Increasingly darker coloured core.
17.68	58.65	FRAGMENTAL CRYSTAL LAPILLI TUFF with minor welding lapilli being replaced by ep & chl lapilli oriented @ 35° 50° to C.A.
		17.68 - 19.23 Bleached, chl & ep altered wallrock x-cut by cc & hematite fractures.
		18.74 - 19.14 CC-chalcedony veining & bx slight displacements banded chalcedony black & white cc.
		19.23 - 22.63 Chl & ep altered wallrock slightly bleached wallrock in places. Feldspar phenocrysts altered to hematite & ep or chl cc-chalcedony veinlets and micro bx every 30cm veinlets @ 45° & 60° to C.A. and up to 5mm wide.
		22.63 4cm SERPENTINE FRAGMENT?
		22.77 - 23.15 CC-chalcedony veinlet & fracture controlled bx in chl & ep altered wallrock. Some bleached wallrock frags. Cc centres & banded chalcedony margins. 4cm bleached wallrock envelope.
		23.25
		23.32 cc centres.
		23.45

CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
2027	17.90	18.60				40	2.4				
2028	18.60	19.60				10	0.8				
2029	19.60	20.60				12	0.5				
2030	20.60	21.60				25	1.9				
2031	21.60	22.60				20	0.5				
2032	22.60	23.80				21	2.3				
2033	23.80	24.80				4	0.2				
2034	24.80	26.00				18	1.2				
2035	26.00	27.00				9	0.8				
2036	27.00	28.00				11	1.1				
2037	28.00	28.50				15	0.9				
2038	28.50	29.10				14	1.2				
2039	29.10	23.90				8	0.8				
2040	29.90	30.40				19	1.0				
2041	30.40	30.90				3	0.4				
2042	30.90	32.00				5	0.4				
2043	32.00	33.00				93	2.7				
2044	33.00	34.00				3	0.3				
2045	34.00	35.00				7	0.4				
2046	35.00	36.00				10	0.5				
2047	36.00	37.00				15	0.4				
2048	37.00	37.50				4	0.3				
2049	37.50	38.50				23	0.8				
2050	38.50	39.50				10	0.2				
2051	39.50	40.00				5	0.4				

P. Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 2	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		23.73 - 23.77 CC-chalcedony vein. Cc-chalcedony vein.	002	40.00	41.00				4	0.4				
		CC centres & banded chalcedony margins.	003	41.00	42.00				7	0.5				
			004	42.00	43.00				13	0.3				
		24.00 - 24.40 Banded chalcedony veinlet to 1cm @ 0-10° to	005	43.00	44.00				41	0.2				
		C.A.	006	44.00	44.50				4	0.1				
			86007	44.50	45.00				8	0.4				
		24.46 - 24.70 Up to 1cm bleached wallrock fragments.												
		25.12 - 25.15 Cc vein @ 45° to C.A. hematitic fracture	008	45.00	46.00				13	0.5				
		filling.	009	46.00	47.00				25	0.3				
			010	47.00	47.00				11	0.8				
		25.15 - 25.62 Broken core & clay gouge. Talc?	011	48.00	49.00				9	0.8				
		25.30 - 25.32 CC-chalcedony vein with banded chal-	012	49.00	49.50				10	1.8				
		cedony margins & cc centres.	013	49.50	50.00				15	2.3				
			014	50.00	50.50				3	0.3				
		25.63 - 25.66 1cm chl & cc shears @ 30° to C.A.	015	50.50	51.50				3	1.1				
			016	51.50	52.50				61	7.4				
		25.66 - 26.00 Hematitic wallrock with ep fracture fillings												
		chloritic frag's.												
		26.37 - 26.40 Ep fractures @ 60° to C.A.												
		26.40 - 26.52 Chalcedony veinlets @ 30° & 50° to C.A.												
		27.17 - 27.80 Cc veinlets @ 0, 30 & 90° to C.A. veinlets												
		up to 5mm wide veinlets every 10cm.												
		28.20 - 28.24 Cc-chalcedony vein up to 15mm @ 60° to												
		C.A. banded chalcedony margins with cc centres.												
		28.48 - 28.54 Cc-chalcedony vein @ 45° to C.A.												
		28.63 - 29.19 CC-CHALCEDONY VEINING & FRACTURE CONTROLLED												
		BX. Banded chalcedony margins & frag'. Bleached wallrock												
		fragments. Coarse x-talline cc matrix.												
		29.30 - 29.30 Cc vein & micro bx.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 3	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		29.46 5mm cc veinlets @ 45° & 90°												
		29.53 to C.A.												
		29.86 - 30.21 FRACTURE CONTROLLED CC-CHALCEDONY BX												
		with chloritized & bleached wallrock frags.												
		30.24 - 30.41 CC-chalcedony vein & bx banded chalcedony												
		margins and fragments chloritized & epidotized wallrock												
		frag's. Contact @ 30° to C.A.												
		30.41 - 30.84 Hematitic matrix in wallrock.												
		30.84 - 33.90 Chl & ep altered eallrock x-cut by												
		cc-chalcedony veins & veinlets @ 45° & 90°.												
		33.90 - 33.95 CC vein @ 60° to C.A. chloritic margins.												
		33.95 - 34.64 BLEACHED wallrock with ep chl & cc												
		fractures.												
		34.58 - 34.60 15mm cc vein @ 45° to C.A.												
		34.65 - 35.00 CC-CHALCEDONY VEIN & BX with banded												
		chalcedony margins & fragments. Bleached wallrock frag's												
		cc & banded chalcedony matrix.												
		35.00 - 35.16 BLEACHED wallrock.												
		35.16 - 36.00 CC-CHALCEDONY VEINING & FRACTURE CONTROLLED												
		BX banded chalcedony margins with cc centres.												
		36.02 - 36.70 CC-CHALCEDONY VEING & FRACTURE CONTROLLED												
		BX banded chalcedony matrix & frags. Bleached wallrock												
		frag's red to white x-talling cc centres.												
		36.70 - 37.10 HIGHLY BLEACHED WALLROCK x-cut by												
		hairline cc fractures.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 4	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		37.10 - 37.56 White to hematiic cc vein @ 45° to C.A. Few chalcedony frag's vein @ 45°-60° to C.A.												
		37.56 - 38.43 FRACTURE CONTROLLED CHALCEDONY BX. Banded chalcedony matrix with intensely bleached wallrock & cc frag's.												
		38.43 - 38.75 MOD BLEACHED wallrock with epidotized & chloritized fractures.												
		38.75 - 39.46 Same as 37.56 - 38.43 but with more cc.												
		39.46 - 39.60 INTENSELY BLEACHED WALLROCK.												
		39.60 - 39.89 RELATIVELY UNALTERED wallrock.												
		39.89 - 40.06 FRACTURE CONTROLLED CHALCEDONY BX with banded chalcedony matrix & slightly bleached wallrock frag's.												
		40.06 - 40.20 Bleached & epidotized wallrock.												
		40.20 - 40.32 Hematitic to white cc vein with chalcedonic & chloritic margins.												
		40.32 - 40.40 Bleached & epidotized wallrock.												
		40.40 - 40.70 Relatively unaltered wallrock x-cut by cc-chalcedony veins @ 45-50° to C.A.												
		40.90 - 41.30 Hematitic & ep altered wallrock.												
		41.30 - 41.58 Chl & ep altered wallrock. X-cut by banded chalcedony & cc veinlets & microbx.												
		41.58 - 41.70 CC bx with bleached wallrock & chalcedony frags.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 5	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	RECOVERY RUN	SHORT
		41.70 - 42.00 EPIDOTIZED & BLEACHED wallrock.								
		42.00 - 42.50 Cc-chalcedony veining & fracture controlled bx vanded chalcedony margins with red to white cc centres cc matrix in bx with chalcedony & bleached wallrock frag's								
		42.50 44.14 Highly bleached wallrock with ep fractures. X-cut by cc-chalcedony veins @ 45° to C.A.								
		42.76 - 42.78 CC-chalcedony veins.								
		42.95 - 43.00 CC centres. Banded chalcedony								
		43.30 - 43.40 margins. y								
		43.89 - 44.05 CC-chalcedony vein & bx.								
		44.14 - 44.53 Epidotized & bleached wallrock.								
		44.53 - 44.95 CC VEINING & bx. Banded chalcedony margins. Bleached wallrocked chalcedony frags. ep & chl fractures.								
		45.04 - 45.10 FRACTURE CONTROLLED CHALCEDONY BX. with INTENSELY BLEACHED WALLROCK FRAG'S.								
		45.10 - 45.57 BLEACHED & EPIDOTIZED WALLROCK with Chl. & Ep. fractures.								
		45.57 - 45.70 Cc-chalcedony vein @ 30° to C.A. Hematite to white Cc. Few chalcedony frag's & wallrock frag's. Open space qtz filling. Pyritic & chloritic frac's .								
		45.7 - 47.35 BLEACHED & EP ALTERED WALLROCK xcut by chalcedony & Ep fractures @ 45 & 135 .								
		46.04 - 46.41] Cc-chalcedony veining &								
		46.33 - 46.42] fracture controlled Bx. white to black to hematite Cc.								
		46.75 - 47.01 Cc chalcedony vein. White to black to hematitic cc. Subtly banded chalcedony margins.								

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 6	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		47.08 - 47.20 Fracture controlled Cc chalcedony bx with chlorite altered and bleached wallrock frag's.												
		47.35 - 47.94 Cc chalcedony vein @ 45° to 60° to C.A. Subtly banded chalcedony margins with Cc centres. Cc white to hematitic chl fractures.												
		47.94 - 48.16 Chl & Ep altered wallrock.												
		48.16 - 48.29 Same as 46.75 - 47.01												
		48.29 - 48.66 Hematitic matrix in wallrock.												
		48.66 - 48.81 Same as 46.75 - 47.01 but with brecciated, chalcedony frag's.												
		48.81 - 49.51 Chl & Ep altered wallrock with Moderate bleaching and silicification. 3% S:02.												
		49.51 - 49.89 CC CHALCEDONY BX banded chalcedony and intensely bleached wallrock frag's and clay frag's to 1cm.												
		49.89 - 51.45 CCVEIN with a few banded chalcedony frags to 1cm Cc black to white to hematitic. Coarse xtalline Cc.												
		51.45 - 52.38 Same as 49.51 - 49.89												
		52.38 - 52.43 Ep altered wallrock.	017	52.50	53.60				63	2.5				
			018	63.60	54.00				12	1.3				
		52.43 - 52.98 CC CHALCEDONY BX with subtly banded chalcedony	019	54.00	55.00				22	4.1				
		and intensely bleached wallrock frag's to 1cm.	020	55.00	56.00				143	25.0				
			021	56.00	57.00				62	7.0				
		52.98 - 53.41 Banded chert (chalcedony ?) bx with epidote	022	57.00	58.00				28	5.5				
		altered bleached frag's.	023	58.00	59.00				118	4.5				
			024	59.00	60.00				3	0.1				
		53.41 - 54.14 Chl. & Ep altered wallrock.	025	60.00	61.00				4	0.2				
		54.14 - 54.28 Broken rock due to faulting.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 7	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		54.28 - 54.88 Wallrock xcut by fault gouge.												
		54.88 - 57.50 INTENSELY BLEACHED AND MODERATELY SILICIFIED wallrock with banded chalcedony frag's and occasional fracture controlled bx 10% S:02 xcut by chl. fractures @ 30° to 45° to C.A. JASPER WITH THE CHALCEDONY.												
		57.4 - 58.35 Wallrock xcut by clay banded chalcedony frag's. Chloritic fractures. Up to 2% Py in the clay.												
		58.35 - 58.65 Highly siiceous, hematite wallrock xcut by Cc and chl. fractures @ 30°, 45° & 70° to C.A.												
		58.65 - 58.64 Chlorite altered wallrock with clay shears.												
58.64	72.54	HEMATITIC QTZ ANDESITE FRAGMENTAL CRYSTAL TUFF 1 - 2mm qtz. eyes. Xcut by cc & chalcedony fractures every 10-15cm.	86026	66.80	67.80				4	2.2				
		65.0 - 66.90 Xcut by 5mm - 1cm chalcedony veinlet every 15 - 30cm.												
		66.90 - 67.70 Fracture contolled chalcedony Cc bx. Cc centres Xcut by Cc veinlets to 2mm @ 45° ti C.A.												
		69.97 - 72.54 Increasingly chloritic wallrock.												
72.54		END OF HOLE												

DIAMOND DRILL HOLE RECORD

Property GRACE

Level	Lat.	Hole No. G-DDH 88-6	Dip Tests
Location 92+00N, 48+78E	Dep.	Sheet No.	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P. Reynolds	
Depth	Slope	Azimuth 232°	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
0	4.57	CASING.
4.57	14.63	QTZ ANDESITE CRYSTAL LAPILLI TUFF variably hematitic chl & ep altered. 1-3mm qtz eyes. X-cut by cc fracture fillings. Hematitic & ep altered plagioclase feldspar.
		4.57 - 7.15 BROKEN CORE.
		5.32 - 5.49 Hematite altered mafics. Some mafics zoned with hematie & epidote. Chloritic lapilli. Ep filled vugs.
		71.15 - 8.53 Hematite & ep altered plag. Zoned ep centres, hematite margins. Intensely chloritized matrix. x-cut by cc veinlets & fractures. Veinlets @ 30°-45° to C.A.
		8.53 - 8.97 Hamatie matrix.
		8.97 - 9.02 CHALCEDONY-CHERT BX chert frag's in chalcedony matrix chl & ep altered wallrock frag's.
		9.02 - 9.09 CERT BED @ 45° to C.A. cc & JASPER fracture @ 45° to C.A.
		9.09 - 11.58 SILICIFIED WALLROCK. Up to 3% SiO_2.
		9.30 - 9.54 Hematitic matrix with CHLORITE & EPIDOTE altered fragment.
		9.54 - 9.56 CHALCEDONY vein with cc centres @ 45° to C.A.
		9.56 - 9.74 CHL & EP ALTERED wallrock. Mildly bleached. 10% SiO_2.
		9.74 - 10.30 Grades from hematitic to chloritic matrix, hematitic pheocrysts.
		10.70 - 11.58 Same as 9.74-10.30.
		11.58 - 14.63 Generally CHL & EP ALTERED wallrock with up to 7cm frag's of reworked hematitic andesite crystal tuff.

CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT

P. Reynolds

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM	TO	FEET	%	%	PPB Au	PPM Ag	As	Cu	RECOVERY RUN	SHORT
		12.73 - 12.79 CC-CHALCEDONY VEIN with banded chalcedony margins & cc centre. FEW BRECCIATED CHALCEDONY FRAG'S.												
14.63	32.92	REWORKED FRAGMENTAL ANDESITE CRYSTAL TUFF WITH EPICLASTIC TEXTURES Fragments to 5cm hematitic matrix CHL & ALT'N IN PLACES. X-cut by cc fracture fillings @ 60°, 80° & 45° to C.A. Zoned hematitic & epidote alt'n of feldspar phenocrysts. Banded chalcedony veinlets with cc centres @ 45°, 60° & 90° to C.A.												
		15.56 - 15.59 Cc vein with chalcdony frag's. CC whte to hematitic feldspar frag's. Cc whte to hematic chl fracture fillings.	86161	16.00	17.40				21	0.6				
		14.63 - 15.40 CHL & EP ALTERED WALLROCK. Hematitic fledspar frag's. SLIGHTLY BLEACHED & SILICIFIED Matrix. 5% SiO2.												
		15.40 - 17.25 RELATIVELY UNALTERED WALLROCK.												
		17.35 - 17.73 Cc vein with coarse crystalline white to hematitic cc & banded chalcedony frag's. FEW BLEACHED WALLROCK FRAG'S. Ep fills open spaces. Very @ 50° to 60° to C.A. 10cm BLEACHED WALLROCK ENVELOPE.	162	17.73	18.50				66	0.6				
		17.98 18.15 CC veinlets (5mm) @ 18.31 45° to C.A.	163	18.50	21.33				27	0.6				
		18.66 Cc veinlets (5mm) @ 30° toC.A. 18.99 few chalcedony frag's.												
		20.29 Cc veinlet (5mm) @ 80° to C.A.												
		20.44 Cc-chalcedony veinlet (5mm) with chalcedony margins & cc centres 80° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		20.73 - 21.00 SILICIFIED WALLROCK CHLORITE & EP												
		A:TERED MATRIX. SLIGHTLY BLEACHED PHENOCRYSTS. 5% SiO_2.												
		21.70 - 22.00 Few bleached fragments. Fragments to 6cm	164	21.33	22.33				9	0.7				
		in size.												
		21.30 - 21.51 CC-CHALCEDONY BX chalcedony & hematite												
		ep altered wallrock frag's. ep open space fillings.												
		Chalcedony cream to dk gray cc matrix 5cm lightly bleached												
		wallrock envelope.												
		22.86 - 23.38 MOD BLEACHED WALLROCK matrix. Slightly	165	22.33	23.56				15	0.8				
		silicfied (3%).												
		23.38 - 23.45 RELATIVELY UNALTERED WALLROCK.												
		23.55 - 23.65 FRACTURE CONTROLLED CHALCEDONY CC BX.	166	23.56	25.00				4	0.4				
		Chalcedony matrix & fragments cc centres. Chalcedony												
		& fragments cc centres. Chalcedony banded from cream												
		to dk gray some margins chloritic. 10cm BLEACHED ROCK												
		ON HANGING WALL. Reddish-brown alt'n @ bottom.												
		23.65 - 23.70 Broken core due to faulting.												
		24.00 - 24.12 SILICIFIED wallrock with SLIGHTLY BLEACHED												
		frag's (5% SiO2).												
		24.44 - 24.53 Epidotized frag with hematitic phenocrysts.												
		26.00 - 26.10 SLIGHTLY BLEACHED MATRIX.	167	25.00	26.00				3	0.6				
			168	26.00	27.00				2	0.4				
		26.84 5mm cc veinlet with chlorite & ep												
		27.04 along margins.	169	27.00	28.00				22	1.3				
		27.32												
		27.24 - 27.44 BLEACHED MATRIX												
		27.65 - 27.85 Ep fracture fillings @ 30° & 45° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		28.10 (5mm) chalcedony veinlet @ 80° to C.A.	170	28.00	29.00				22	1.3				
		28.10 - 28.32 BLEACHED WALLROCK MATRIX.												
		28.39												
		28.44												
		28.49 Ep fractures @ 80° to C.A.												
		28.56 - 28.60 EPIDOTIZED MATRIX.												
		28.70 - 30.28 SILICIFIED WALLROCK (3% SiO2)	171	29.00	30.00				27	1.6				
		28.75 - 28.84 Banded chalcedony vein dark gray @	172	30.00	31.00				100	4.1				
		margins. Cream in centre.												
		28.98 - 29.04 X-cut by clay gouge @ 70° to C.A.												
		29.15 - 30.55 Ep & hematite fractures @ 45°, 135°												
		& 70° to C.A. Fractures every 10-15cm.												
		29.66 - 29.76 FRACTURE CONTROLLED CHALCEDONY BX												
		with cc centres & hematitic wallrock frags.												
		29.96 - 30.06 EP ALTERED WALLROCK matrix hematitic												
		phonocrysts.												
		30.06 - 30.24 FRACTURE CONTROLLED CHALCEDONY BX												
		with cc & bleached wallrock frag's Jasper with py												
		@ chalcedony margins.												
		30.40 - 30.41 Chalcedony vein fractured due to faulting.												
		30.61 - 30.68 Chalcedony veinlets x-cut by clay gouge.												
		30.68 - 30.78 Broken core due to faulting.												
		30.78 - 31.58 Wallrock x-cut by clay gouge & ep shears.	173	31.00	31.53				16	1.2				
		31.58 - 31.90 Fautl gouge.	174	31.53	32.92				13	2.2				
		31.90 - 32.92 Broken core due to faulting.	175	32.92	34.00				3	0.3				
32.92	48.00	FRAGMENTAL QTZ-ANDESITE LAPILLI TUFF 1-2 mm qtz eyes.	176	34.00	35.00				9	1.1				
		Layering @ 70° to C.A. x-cut by cc & chalcedony fractures @	177	35.00	36.00				17	0.5				
		45° & 135° & 60° to C.A. chl & ep altered wallrock sometimes												
		hematitic 1-3%.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	PPB Au	PPM AG	As	Cu	RECOVERY RUN	SHORT
		32.92 - 33.20 Chl & ep altered matrix x-cut by chal	178	36.00	37.00				10	0.6				
		& ep fractures @ 45° to C.A. slightly bleached phenocrysts												
		33.0. 3mm cc shears @ 45° to C.A.												
		33.20 - 36.23 Chal & ep altered matrix hematitic phenocrysts												
		x-cut by ep fractures @ 30° & 45° to C.A. 35.45 - 35.53												
		cc vein @ 45° to C.A. few chalceodny frag's chl & ep												
		along top contact.												
		36.23 - 38.64 Chl & ep altered & slightly bleached	179	37.00	38.00				18	2.1				
		matrix.	180	38.00	38.60				3	0.3				
		38.10 - 38.17 CC veinlets to 4mm displaces slightly	181	38.60	39.08				29	1.7				
		by epidotized shears.												
		38.64 - 38.70 5mm chalcedony veinlets @ top fractures												
		controlled chalcedony bx below chal & ep altered wallrock												
		frag's in banded chalcedony matrix.												
		38.92 - 39.08 Fracture controlled chalcedony bx with	182	39.08	40.00				9	0.9				
		banded chalcedony matrix & bleached & chloritized												
		wallrock frags. Ep open space filling.												
		39.20 - 45.00 Chl & epidote altered, slightly bleached	183	40.00	41.00				59	0.6				
		wallrock. Hematitic phenocrysts some with epidotized	184	41.00	42.00				45	2.2				
		rims. X-cut by fractures @ 0,45° & 70° to C.A.	185	42.00	43.00				92	8.1				
		39.40 - 39.48 CC-chalcedony-Jasper vein @ 45° to C.A.	186	43.00	44.00				106	10.9				
		subtly banded chalcedony Margins & cc centres. Jasper	187	44.00	45.00				82	5.3				
		between cc & chalceodny.	188	45.00	46.00				50	3.4				
		35.23 - 35.70 Broken core due to faulting?												
		40.84 - 40.92 Fracture controlled cc-chalcedony												
		bx. Banded chalcedony & chl & ep altered wallrock												
		frag's in predominately cc matrix.												
		40.13 - 40.26 Broken core due to faulting?												
		40.70 - 45.08 CC-chalcedony vein @ 45° to C.A.												
		Banded chalcedony margins with cc centres.												
		45.00 - 47.46 Same as 39.20-47.67 but frequency of	189	46.00	47.00				76	3.2				
		cc-chalcedony veins has increased.	190	47.00	48.00				161	9.8				

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
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Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
		45.41 - 45.44 CC vein @ 80° to C.A.
		45.50 - 45.51 Chalcedony vein @ 45° to C.A.
		45.73 - 45.80 5-7mm chalcedony veinlet @ 30° to C.A.
		45.86 - 45.88 1cm chalcedony vein with minor chl
		altered wallrock frags.
		45.13 - 45.26 CC-chalcedony vein @ 50° to C.A. banded
		chalcedony margins with white to heamtitic cc centres.
		45.43 - 45.49 Fracture controlled chalcedony bx
		45.54 - 45.59 with ep & chal altered wallrock & few
		chalcedony frags.
		45.71 - 45.80 2cm cc vein @ 30° to C.A. white cc
		margins & fine grained black cc centres with few white
		cc frags.
		45.83 - 45.96 Wallrock x-cut by clay & chl shears.
		45.98 - 45.03 5mm cc veinlet @ 45° to C.A.
		45.03 - 46.22 CC - chalcedony vein @ 35° to C.A. banded
		chalcedony margins with cc centres. Some jasper with
		the chalcedony color of chalcedony fraom cream to green
		to dk gray.
		46.22 - 46.43 Fracture controlled cc-chalcedony bx
		with chalcedony & lightly bleached & chloritized
		epidotized wallrock frag's.
		46.45 - 46.94 CC-chalcedony bx with banded chalcedony
		frag's & epidotized & chalcedony frag's & epidotized
		& bleached wallrock frag's. Few re-bx chalcedony frag's
		chl & ep shears.
		47.22 - 47.28 CC vein @ 45° to C.A. white & hematitic
		coarse x-talline cc with fine grained black cc.
		47.31 - 47.32 1cm banded chalcedony vein with cc centres.
		47.46 - 47.82 Fracture controlled banded chalcedony bx
		with epidotized & bleached wallrock frag's. Chalcedony
		from white to cream to dk gray.

CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
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FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		47.83 - 48.00 Wallrock x-cut by chl shears & with few chalcedony frag's.												
48.00	62.72	HIGHLY LITHIFIED HEMATITIC WELDED TUFF with flattened eye shaped lapilli @ 70° to C.A. fragmental in pl.aces x-cut by ep & cc fractures @ 30° to 70° to C.A. feldspar phenocrysts replaced by ep few lapilli preferentially altered to ep.	191	48.00	49.00				5	0.2				
		68.75 - 69.72 Darker brown core.												
69.72	99.67	FRAGMENTAL CRYSTAL LAPILLI TUFF with slightly flattened lapilli @ 45° to C.A. feldspar phenocrysts replaced by hematite chalorite & ep altered. Variably bleached throughout most of section. X-cyt by cc fractures @ 30° & 45° to C.A. 1% disseminated py.	86192	69.00	69.75				2	0.2				
			193	69.75	71.00				68	3.3				
			194	71.00	72.00				24	1.5				
			195	72.00	73.00				192	19.9				
			196	73.00	74.00				825	2.9				
			197	74.00	75.00				750	66.1				
		69.84 - 69.89 CC-chalcedony microbx formed @ intersection of 30° & 35° cc veinlets few REBRECCIATED CHALCEDONY FRAG'S.	198	75.00	76.00				116	11.1				
			199	76.00	77.00				1740	165.9				
			200	77.00	78.00				23	1.9				
			201	78.00	79.00				505	39.3				
		69.89 - 70.82 HIGHLY BLEACHED WALLROCK x-cut by cc fractures @ 60°, chl fractures @ 30° & chalcedony stringers @ 30° to 45° to C.A. silicified (3% SiO2).	202	79.00	80.00				172	9.7				
			203	80.00	81.00				31	1.0				
			204	81.00	82.00				16	1.2				
		70.09 - 70.27 Brokenrock due to faulting.	205	82.00	82.80				37	2.5				
			206	82.80	83.60				237	20.6				
		70.82 - 70.95 FRACTURE CONTROLLED CHALCEDONY BX WITH MINOR DISPLACEMENT. X-cut by cc fractures @ 45° to C.A.	207	83.60	84.20				710	55.1				
			208	84.20	84.70				353	31.7				
			209	84.70	86.00				31	3.0				
		70.95 - 72.37 CHL & EP ALTERED WALLROCK x-cut by cc fractures @ 45° to C.A. & chalcedony veinlets every 20cm.	210	86.00	87.00				22	2.6				
			211	87.00	88.00				35	5.2				
		71.10 - 71.25 CC-chalcedony vein & fracture controlled bx. Banded chalcedony margins & cc centres.	212	88.00	88.80				64	8.7				
			213	88.80	90.00				156	12.6				
		71.98 - 72.09 Broken core due to faulting?	214	90.00	90.50				905	81.6				
			215	90.50	91.50				61	3.5				
		72.37 - 83.21 BLEACHED & HEMATITE ALTERED WALLROCK. BLEACHED MATRIX x-cut by cc & ep fractures @ 45° & 60° to C.A. to C.A. chalcedony veinlets up to 5mm wide @ 45° to C.A. every 5-10cm.	216	91.50	92.50				69	7.3				
			217	92.50	93.50				93	8.9				
			218	93.50	94.10				12	2.8				
			219	94.10	95.00				27	3.0				

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		74.45 - 75.23 HIGHLY SILICIFIED ZONE 80% SiO2 in veinlets	220	95.00	95.80				18	1.2				
		& wallrock. Some JASPER with the chalcedony.	2	95.80	96.50									
		74.43 - 74.53 1cm banded chalcedony stringers @ 45°	221	96.50	97.00				4	0.8				
		to C.A. cream to dk gray chalcedony.	222	97.00	98.00				4	0.2				
		75.59 - 77.00 CHALCEDONY STRINGERS & FRACTURE CONTROLLED	223	98.00	99.00				13	1.2				
		bx chalcedony banded cream to dk gray minor hematite along	224	99.00	99.67				4	0.4				
		margins. cc centres fragments of HIGHLY BLEACHED WALLROCK												
		Stringers every 5cm x-cut by cc fractures @ 45° &												
		135° to C.A.												
		77.00 - 78.15 Up to 1cm chalcedony veinlets @ 10°,												
		45° & 135° to C.A.												
		78.17 - 78.29 CHALCEDONY VEIN & FRACTURE CONTROLLED												
		BX with highly bleached wallrock frag's minor JASPER												
		chloritic shears @ 45° to C.A.												
		78.29 - 78.38 Relatively unaltered wallrock.												
		78.38 - 78.43 1cm cc-chalcedony veinlet @ 45° to C.A.												
		banded chalcedony margins with cc centres. Minor chl												
		@ centre.												
		78.43 - 82.35 Intensely bleached and variably silicified												
		wallrock up to 30% SiO2 in places. X-cut by chalcedony												
		veinlets @ 10°, 45° & 70° to C.A. cc & ep fractures												
		@ 0, 30° & 45° to C.A.												
		78.43 - 78.95 HIGHLY SILICIFIED ZONE with some FRACTURE												
		CONTROLLED BX 30% SiO2.												
		78.95 - 79.24 Chalcedony vein @ 30° to C.A. x-cut												
		& brecciated by cc up to 4mm banded chalcedony frag's.												
		82.35 - 82.56 CC-CHALCEDONY FRACTURE CONTROLLED BX												
		with intensely bleached wallrock frag's. Banded												
		chalcedony rims with cc centres. Few chalcedony frag's.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		82.84 - 83.15												
		83.21 - 83.58												
		83.76 - 83.92 Same as 82.35 - 82.56 with relatively												
		84.16 - 84.25 unaltered wallrock between them.												
		84.25 - 84.63 CC vein @ 70° to C.A. with few BLEACHED												
		WALLROCK FRAG"S. & chalcedony frags. cc white to hematitic.												
		84.63 - 88.73 INTENSELY BLEACHED & MOD SILICIFIED												
		(5% SiO2) wallrock with chloritiz frag's to 1cm x-cut												
		by 1-3mm chalcedony frag's @ 45° & 60° to C.A. every												
		10-15cm.												
		85.27 - 85.33 CC veining & microbx @ 45° to C.A.												
		85.69 - 85.71 Banded chalcedony vein @ 60° to C.A.												
		85.93 - 86.94 CC-chalcedony vein with sublty banded												
		chalcedony margins & cc centres. Few chalcedony												
		frag's vein @ 45° to C.A.												
		86.34 - 86.45 Fracture controlled cc-chalcedony bx.												
		88.73 - 89.58 FRACTURE CONTROLLED CHALCEDONY BX with												
		Epidotized & INTENSELY BLEACHED WALLROCK frag's												
		chalcedony is banded dk gray to cream Minor Jasper.												
		89.58 - 89.68 CC-vein hematitic to white cc-chal												
		fractues. 2% py & argentite?												
		89.68 - 89.94 Intensely bleached & silicified wallrock												
		x-cut by chalcedony stringers @ 45° to C.A.												
		89.94 - 90.34 Inensely bleached wallroc x-cut by chalcedony												
		veins & clay gouge. Few bleached wallrock frag's Bottom												
		contact @ 30° to C.A.												
		90.34 - 90.51 Intensely bleached wallrock x-cut by												
		5mm chalcedony veinlet @ 30° to C.A.												
		90.51 - 90.54 CC vein @ 45° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		90.54 - 90.87 BX ZONE. up to 1cm INTENSELY BLEACHED WALLROCK frag's & rebrecciated chalcedony frag's in banded chalcedony-cc matrix. Some frag's with chalcedony rims x-cut by cc fractures @ 45° to C.A. ep & CHAL ALONG FRAG MARGINS MINOR Jasper.												
		90.87 - 91.33 CC VEIN WITH BRECCIATED WALLROCK FRAG'S Hematitic to white cc wallrock frag's x-cut by chalcedony stringers bottom contact @ 45° to C.A.												
		91.33 - 91.71 CC-Chalcedony Bx with bleached wallrock & chalcedony frag's chalcedony frag's have Jasper margins. X-cut by cc & ep fractures. Frag's to 2cm.												
		91.71 - 91.94 Same as 91.33-91.77 but with more cc & smaller frag's frag's to 1cm.												
		91.94 - 92.03 FRACTURE CONTROLLED CHALCEDONY BX with intensely bleached wallrock frag's.												
		92.13 - 92.16 92.27 - 92.31 CC veins @ 45° to C.A. few brecciated wallrock frags.												
		92.37 - 92.45 Chl & ep shear @ 30° to C.A.												
		92.45 - 92.85 HIGHLY SILICIFIED WALLROCK with CHALCEDONY STOCKWORK & FRACTURE CONTROLLED BX throughout. Minor JASPER CHL & ep fracture fillings.												
		92.85 - 82.99 Same as 90.54 - 90.87.												
		92.99 - 94.04 BX ZONE INTENSELY BLEACHED WALLROCK FRAGS & RE-BRECCIATED CHALCEDONY in a siliceous matrix x-cut by cc shears.												
		94.04 - 94.89 INTENSELY BLEACHED WALLROCK x-cut by chalcedony stringers every 5cm. x-cutting cc @ 60° every 10cm microbx forsm @ intersection of stringers.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au	Ag	As	Cu	RECOVERY RUN	SHORT
		94.27 - 94.37 CC-CHALCEDONY BX with minor JASPER.	224	93.										
		94.89 - 95.75 Broken core due to faulting.												
		95.75 - 96.80 Mud.												
		96.80 - 97.75 Broken core due to faulting.												
		97.75 - 99.67 Wallrock x-cut by clay gouge and chalcedony stringers.												
99.67	111.22	HEMATITIC QTZ EYE ANDESITE CRYSTAL TUFF 1-2mm qtz eyes. X-cut by cc fractures @ 90°, 45° & 30° to C.A. Few chloritic & hematitic fragments to 1cm.	225	99.67	100.5				4	0.1				
		104.61 - 105.98 Volcanagenic sediment contact @ 45°.												
		111.22 E.O.H.												

DIAMOND DRILL HOLE RECORD

Property GRACE

Level	Lat.	Hole No. G-DDH88-7	Dip Tests
Location 91+75N,48+48N	Dep.	Sheet No.	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P.Reynolds	
Depth	Slope	G. Wessa	Azimuth 232°

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	RECOVERY RUN	SHORT
0	3.05	CASING								
3.05	10.30	FRAGMENTAL ANDESITE CRYSTAL LAPILLI TUFF Lapilli @ 50° to C.A. up to 2cm frags, clorite & epidote altredplag feld replaced by hem x-cut by hairline cc frac fillings @ 30° 50° to C.A. 1% py.								
		3.14 - 3.23 Frac-contolled chlced brx w̄ subtle banded chalced matrix cc centres, chlor- epid altrd w/r frags.								
		3.43 - 3mm chalced veinlet @ 45° to C.A.								
		4.03 - 4.04 4.13 - 4.15 4.32 - 4.45 1cm banded chalced veinlet w̄ cc centres @ 45° to C.A. 3mm chalced veinlet @ 0-10° to C.A.								
		5.15 - 5.18 Chalced vein x-cut by cc shears @ 60°, 45°, 30°to C.A.								
		5.18 - 5.33 1-5mm banded chalced veinlet @ 5° to C.A. cc centres, minor epid along margins.								
		5.83 - 5.89 Chalced vein w̄ cream colored cc centres; banded chalced w̄ cream to dk grey chalced.								
		6.70 - 6.93 CC-chalced veining & brx. banded chalced margins; chalced cream to lt grey; cream to hematitic cc centers w̄ banded chalced frags. All cut by cc fracs @ 10°, 30°, 45° to C.A.								
		7.46 - 7.92 Wallrock x-cut by clay gouge few chalced frags. 7.72 - 7.92 Intensely broken core FAULT ZONE.								
		7.92 - 8.01 Chalced-cc brx w̄ chloritic w/r frags & banded chalced frags x-cut by cc frac's @ 30°, 45°, 80°, 135° to C.A. brx zone @ 60° to C.A. @ top contract.								

P. Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	SHORT
		8.15 - 8.17 Chalced vein & brx w̄ chlor & hem-altered w/r frags.												
		9.51 - 9.73 CC-chalded brx; banded chalced frags; cc from cream to hem-black diss py w̄ cc. W/r frags chlritic altered top contact @ 45° to C.A.	86226	7.9	9.3				2	0.4				
			86227	9.3	10.3				7	2.0				
		9.86 - 10.12 Frac-controlled cc-chalced brx epidote & chlorite altered w/r frags as well as banded chalced frags in a cream to hematitic cc matrix w/r frags x-cut by chalced fracs @ 20°, 45°, 135°, 70° to C.A.												
		12.15 - 12.25 Frac-controlled cc-chalced brx w banded chalced frags, chlor-epid altered w/r frags cc is wte to black.												
10.30	25.48	HIGHLY LITHIFIED WELDED HEMATITIC LAPILLI TUFF w̄ flatted, epidote-altered lapilli @ 45° to C.A. few chloritic frags up 1cm in size play feld phenos replaced by hem. x-cut by cc frac's @ 45°, 60°, 100° 30°, 135° to C.A.												
		14.00 - 18.20 Darker brown color.												
		16.16 - 16.46 Broken core due to faulting?												
25.48	28.82	SLIGHTLY REWORKED FRAGMENTAL CRYSTAL TUFF w̄ plag feld phenos stained by hem. @45° to C.A. w/r chlorite & epidote altered. x-c8t by cc & epid fracs 2% py in w/r matrix.												
		25.48 - 25.78 X-cut by clay gouge.												
		25.92 - 26.21 Broken core due to faulting.												
		26.21 - 27.19 X-cut by clay gouge & chlorite shears by 3-5cm.												
		27.29 - 27.55 Broken core due to faulting.												
		27.55 - 27.68 Chalced-cc stringers @ 0° and 70° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	RECOVERY SHORT
		27.68 - 27.80 Chlorite & clay shears @ 5° to C.A.												
		28.60 - 28.81 Chalced veins & veinlets up to 1cm @ 30°	86228	25.48	26.5				6	2.0				
		to C.A. highly frac prob due to faulting cc frac veins.	86229	26.5	27.5				3	0.9				
			86230	27.5	28.5				3	0.7				
28.82	35.82	FRAGMENTAL CRYSTAL LAPILLI TUFF w̄ minor welding flattened	86231	28.5	29.5				10	0.6				
		chlorite lapilli @ 45° hem-replaced plag phenos x-cut by	86232	29.5	30.5				8	0.6				
		cc & epid fracs @ 0°, 45°, 150° to C.A. Chlorite & epidote	86233	30.5	31.5				4	0.6				
		altered wallrock. Selective replacement of Lapilli by	86234	31.5	32.5				10	1.6				
		epidote.	86235	32.5	33.5				8	0.9				
			86236	33.5	33.85				17	1.1				
		29.20 - 29.40 Chlorite & cc shears @ 5° to C.A.	86237	33.85	34.25				10	1.0				
			86238	34.25	35.25				230	1.1				
		29.40 - 30.17 Broken core due to faulting.	86239	35.25	35.83				32	3.0				
			86240	35.83	37.0				8	1.2				
		30.17 - 30.85 X-cut by chloritic & clay @ 45° to C.A.												
		30.57 - 30.59 Chalced-cc veinlets @ 70° to C.A.												
		individ veinlets up to 4mm.												
		31.50 - 32.70 INTENSE CHLORITE & CLAY SHEARS.												
		32.12 - 32.15 Gouge.												
		32.15 - 32.22 Chalced frags in w/r and frac veinlets.												
		32.70 - 33.07												
		33.30 - 33.53 ~~Broken core due to faulting.~~												
		33.80 - 34.18 FRACT CONTROLLED CHALCED BRX w̄ banded												
		chalded margins & cc centers chalced & BLEACHED W/R FRAGS,												
		minor jasper w̄ the chalced zone cut by cc frac's @ 30°												
		to C.A. bleached w/r envelope for 10cm.												
		34.32 5cm chalced veinlet w̄ cc centers.												
		35.03 - 35.15 Frac controlled chalced brx w̄ chlor &												
		epidote altered w/r frags epidote fracs @ 45° to C.A.												
		35.15 - 35.17 CC vein @ 45° to C.A.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
		35.20 - 35.40 Same as 35.03 - 35.15. 35.37 - 5m cc veinlet @ 45° to C.A.												
35.82	39.43	Same as 25.48 - 28.82.	86241	37.0	38.25				4	0.7				
			86242	38.25	38.75				11	1.0				
		37.59 5mm cc veinlets @ 45° to C.A.	86243	38.75	40.0				24	1.5				
		37.84	86244	40.0	41.0				20	2.8				
			86245	41.0	42.0				48	1.2				
		38.33 - 38.43 Frac-controlled chalced brx w banded chalced	86246	42.0	42.4				10	1.0				
		frags & slightly bleached w/r frags.	86247	42.4	42.7				21	3.2				
		38.64 - 38.71 CC-chalced brx w epid altered w/r frags & chalced frags banded chalced from dk green to cream cc is cse cryst, wte to hematiitic; fine grained blac cc also.												
39.43	69.42	FRAGMENTAL CRYSTAL LAPILLI TUFF same as 28.82 - 35.82												
		39.43 - 39.48 CC-chalced vein @ 70° to C.A. banded chalced margins w cc centers.												
		39.76 - 39.91 Intense epid altn.												
		40.52 - 40.71 Chalced-vein up to 2cm wide @ 30° to C.A. minor brx's chalced frags, in cc matrix 45° and 90° to C.A. minor displacements @ 70° -90° to C.A.												
		40.93 - 40.98 Chalced vein @ 45° to C.A. banded chalced w cc centers.												
		41.03 5mm chalced veinlet @ 45° to C.A. minor displacemtns causing slight brecciation.												
		41.18 - 41.43 CC veinlets up to 5mm every 5cm.												
		41.86 - 41.88 CC vein @ 70° to C.A.												
		42.03 - 42.09 CC vein @ 50° to C.A.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPM)			RECOVERY RUN	RECOVERY SHORT
		42.29 - 42.58 CC-CHALCED BRX w banded chalced frags & LIGHTLY BLEACHED W/R FRAGS. CC matrix few rebrecciated cc frags lower contact @ 90° to C.A.												
		42.70 - 42.74 CC veins 1cm wide @ 45° to C.A.	86248	42.7	44.0				36	1.0				
			86249	44.0	45.0				30	0.4				
		42.96 - 42.98 1cm cc vein @ 45° to C.A.	86250	45.0	46.0				47	0.7				
			86251	46.0	47.0				18	1.3				
		43.63 - 43.82 Hematitic frag 10cm in size.	86252	47.0	48.0				24	3.7				
		43.91 - 44.03 Highly epid altered frag w difused boundary.												
		44.37 - 44.47 Highly epidotized frag.												
		44.76 - 44.81 Chalced veinlet, 3mm @ 30° to C.A.												
		45.06 - 45.10 Frags to 15mm in size in highly epidotiezed carbonaceous matrix.												
		45.15 - 45.34 Siliceous w/r w̄ 5% SiO_2.												
		45.35 - 45.51 Epidotized w/r.												
		45.61 - 45.68 CC- chalced vein, chalced margins, cc centers , cc.hem to wte to blk.												
		45.93 - 45.96 CC-chlced vein - same as 45.61-45.68 minor Jaspar.												
		45.96 46.12 Silicified & highly epidote altered w/r 3% silica.												
		46.31 - 46.35 Chloritic frags w̄ cc & epid margins.												
		46.80 - 47.12 Frags to 3cm in size.												
		47.04 - 47.05 CC-chalced brx 1cm wide @ 60° to C.A.												
		47.13 - 47.24 CC vein @ 60° + 90° to C.A. minor brecciation w chlced and chloritized w/r frags. Minor Jasper w chalced cc wte to hem to black.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	RECOVERY SHORT
		47.34 - 47.52 Same as above.												
		47.60 - 47.70 Chalced 2cm wide, 5° to C.A. w/r x-cut by cc & epidote veinlets & fracs @ 45° + 135° to C.A. micro brx formed @ intersection of veinlets.												
		47.71 - 47.91 Hem. w/r matrix x-cut by chalced veinlets up to 3mm wide @ 30°, 45° to C.A.												
		48.12 - 48.22 Chlorite + epidote fracs x-cut by epidote fracs.	86253	48.0	49.0				23	1.1				
			86254	49.0	50.0				18	2.2				
			86255	50.0	51.0				1	3.9				
			86256	51.0	52.0				240	18.8				
		48.45 48.53 Up to 3m cc veinlets @ 45°, 90°, 135° to C.A.												
		48.59												
		48.61 Epidotized frag w hem margins.												
		48.98 - 49.00 15mm cc vein @ 50% to C.A.												
		49.52 - 49.64 CC vein @ 45° to C.A. cse cryst cc-wte to hem.												
		49.97 - 50.08 CC-chalced vein @ 45° to C.A. banded chalced margins w cc centers.												
		50.60 - 41.63 X-cut by cc veinlets & minor cc-chalced brx @ 5-10cm.												
		51.40 - 51.63 x-cut by chalced veinlets @ 0°-45° to C.A.												
		51.63 - 51.85 Frac-controlled chalced-cc brx banded chalced matrix w chlorite & epidote altered w/r frags.												
		52.04 - 52.12 1cm banded chalced vein @ 45° to C.a.												
		52.26 - 52.80 Silicified w/r up to 10% SiO_2.												
		52.33 - 52.39 CC-chalced veining @ 60° to C.A.												
		52.40 - 52.80 MOD BLEACHED W/R x-cut by cc & epidote fracs & chalced veinlets @ 0°-45° to C.A.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	RECOVERY SHORT
		52.90 - 53.17 Chloritic & carbonaceous shears @ 20° to C.A.												
		53.11 - 53.17 Chalced vein @ 45° to C.A. 1-2cm wide.												
		53.95 - 57.60 MOD BLEACHED W/R x-cut by up to 5mm	86257	52.0	53.0				290	28.8				
		chalced veinlets @ 30° to 40° to C.A. every 10-20cm	86258	53.0	54.0				91	11.7				
		54.52 - 54.60 CC vein @ 45° to C.A. cse cryst. wte	86259	54.0	55.0				450	5.1				
		to hem cc.	86260	55.0	56.0				88	9.9				
		55.55 - 55.66 Chalced vein @ 45° to C.A. cream to dk	86261	56.0	57.0				14	2.8				
		grey banded chalced open-space cc filling.	86262	57.0	58.0				23	3.5				
			86263	58.0	59.0				14	2.8				
		57.60 - 58.27 Epidote altered w/r.	86264	59.0	60.0				23	2.1				
			86265	60.0	61.0				295	44.5				
		58.27 - 58.39 CC-chalced vein @ 45° to C.A. vanded	86266	61.0	62.0				19	2.6				
		chalced margins w̄ cse cryst cc centers cc cream to hem												
		in color.												
		58.59 - 58.61 CC @ 45° to C.A. cse cryst, wte to hem cc.												
		59.14 - 59.21 CC veining w chalced margins and minor brx												
		frags cc wte to cream to hematitic 2% py w̄ cc.												
		59.26 - 59.38 CC-CHALCED BRX ZONE w̄ chlorite & epid												
		altrd, BLEACHED W/R FRAGS & banded chalced frags w												
		JASPER along margins matrix is cse cryst wte to cream												
		to hem cc w fg blk cc 4% py along chlced-cc borders.												
		60.46 - 60.67 Chalced vein w̄ banded chalced margins												
		& cc centers-cse cryst minor JASPER w̄ chalced & MINOR												
		BRECCIATION.												
		62.04 - 62.28 CC filled shears @ 10° to C.A.												
		62.33 - 62.53 CC BRECCIA ZONE w̄ banded chalced frags												
		& chalced frags & chlorite -epid altered frags												
		cse cryst cc matrix silicified & BLEACHED W/R ENVELOPES												
		FOR 5cm.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPM)			RECOVERY RUN	RECOVERY SHORT
		62.67 - 62.80 Same as above w rebrecciated chalced frags.												
		62.80 - 63.14 BLEACHED W/R x-cut by chalced veinlets	86267	62.0	63.0				39	2.6				
		every 1cm.	86268	63.0	64.0				250	13.3				
			86269	64.0	65.0				3	1.8				
		63.14 - 63.18 CC vein w minor brecciation.	86270	65.0	66.0				14	2.6				
			86271	66.0	67.0				20	5.4				
		63.48 - 63.66 CC vein @ 50° to C.A. chalced veinlets	86272	67.0	68.0				55	3.4				
		@ base of section.	86273	68.0	69.5				32	3.7				
			86274	69.5	70.5				7	1.2				
		64.04 - 65.07 CSE CRYST CC VEIN & BRECCIA, cream												
		to wte to hem matrix w f.g. cc matrix minor chlaced frags												
		x-cut by chloritic shears @ 45° to C.A. bottom 20cm												
		more brecciated w up to 1cm brx frags.												
		65.12 - 65.32 Same as above w̄ REBRECCIATED CHALCED.												
		65.32 - 65.43 CHALCED BRX W CHLOR ALTR'D & BLEACHED												
		W/R FRAGS. CC matrix x-cut by cc fracs @ 0°, 30° 45°												
		135° to C.A.												
		65.43 - 66.04 CC-CHALCED BRX ZONE W REBRECCIATED CHALCED												
		& CC FRAGS w chlor altrd & BLEACHED W/R frags minor												
		Jaspar w chalced possibly stress related contugate fracs												
		@ 45° + 135° to C.A.												
		66.04 - 68.20 HIGHLY SILICIFIED SECTION W FRAC CONTROLLED												
		CHALCED BRX W EPID ALTR'D & BLEACHED W/R FRAGS. Minor												
		Jaspar w chalced up to 30% SiO_2 x-cut cc fracs @ 30, 45												
		135° to C.A. 2½% cse py.												
		68.20 - 68.70 Wallrock x-cut by epid fracs @ 30°, 45°												
		60° to C.A. clay & chlorite shears @ 50° to C.r.												
		68.70 - 69.00 Wallrock x-cut by clay gouge.												
		69.00 - 69.26 W/r x-cut by cc fracs @ 30°, 45°, 90°												
		to C.A.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		69.26 - 69.59 LIGHTLY BLEACHED W/R X-CUT by chlorite & clay shears @ 45° to C.A.												
69.42	78.33	FRAGMENTAL HEMATITIC QTZ-EYE ANDESITE CRYSTAL TUFF up to cm frags, 1-3mm qtz eyes, chlorite & epid altered x-cut by cc fracs @ 30°, 45°, 100°, to C.A.												
		72.60 - 74.45 Intense epidote altn x-cut by epidote fracs @ 45° to C.A.												
		74.45 - 78.33 Relatively unaltered wallrock.												
		78.33 E.O.H.												

DIAMOND DRILL HOLE RECORD

Property GRACE

Level	Lat.	Hole No. G-DDH-88-8	Dip Tests
Location 92+25N,48+48E	Dep.	Sheet No.	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P. REYNOLDS	
Depth	Slope	Azimuth 232°	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
0	4.57	CASING												
4.57	35.05	FRAGMENTAL ANDESITE CRYSTAL LAPILLI TUFF. Frags to 1cm in size, epidote & chloritie altered, occationally hem-altered. Plag, feld sp selectively replaced by 1cm w/r x-cut by cc & epid. fracs.												
		4.57 - 5.30 Rubble.												
		5.30 - 8.24 Broken core.	86275	5.5	6.5				38	2.9				
			86276	6.5	8.25				5	0.7				
		Chloritic altered lapilli.	86277	8.25	8.50				4	0.6				
			86278	8.5	9.5				1	1.0				
		6.64 - 6.87 CC-chalced veining w̄ bleached w/r envelope for 5cm	86279	9.5	10.5				1	2.5				
			86280	10.5	11.5				1	2.5				
			86281	11.5	12.5				1	4.8				
		10.68 - 12.83 Intense epidote alteration.	86282	12.5	13.5				25	1.6				
		11.11 - 11.20 Chlorite-clay shear @ 10° to C.A.	86283	13.5	14.5				11	1.3				
		11.28 - 11.26 X-cut by chorite & clay shears. @ 30°, 45° to C.A.	86284	14.5	15.5				3	1.2				
		12.00 - 12.10 CC veined @ 80° to C.A. minor brecciated chalced frags chlorite open-space filling.												
		12.33 - 12.51 Broken core due to faulting.												
		13.19 - 13.24 X-cut by clay gouge.												
		13.70 - 13.89 Broken core due to faulting.												
		14.47 - 14.49 Cc vein @ 70° to C.A.												
		14.55 - 20.30 Frags to 1cm in size chloritic & hematitic altered frags.												
		15.50 CC veinlet, 6mm, @ 70° to C.A.												
		15.93 - 15.98 CC vein @ 45°-60° to C.A.												

P. Reynolds

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	RECOVERY SHORT
		16.25 - 16.26 1cm cc vein @ 60° to C.A.												
		16.58 - 16.97 X-cut by cc & epidote fracs @ 0-45° to C.A. fracs every 2cm.	86285	15.5	16.5				1	0.5				
			86286	16.5	17.5				1	0.7				
			86287	17.5	18.5				1	1.0				
		17.80 - 17.85 W/R x-cut by chloritic shears @ 45° to C.A. & 2cm cc veining.	86288	18.5	19.5				1AA	5.9				
			86289	19.5	20.5				1	1.3				
			86290	20.5	21.5				10	0.9				
		17.85 - 18.93 Silicified w/r - 5% SiO_2.	86291	21.5	22.5				18	1.1				
		18.37 5mm cc veinlet @ 60° to C.A.												
		18.97 - 19.08 FRAC-CONTROLLED CHALCED BRX AND VEINLETS Subtly-banded chalced matrix @ CHLOR & EPID ALTRED w/r frags.												
		19.17 - 19.06 CC vein @ 4.5° to C.A. cc is cream to hematitic w̄ chlorite filled fracs. MINOR BRECCIATION.												
		19.31 - 19.35 2cm cc vein @ 45° to C.A. w̄ up to 5mm chalced veinlets @ base of section.												
		19.52 - 20.17 Chalced veinlets up to 5cm across @45° to C.A. minor micro-brecciation @ intersection of 2 or more veinlets hematitic w/r matrix.												
		20.91 - 20.94 CC-chalced vein @ 20° to C.A. banded chalced margins w̄ chloritic cc. centres.												
		21.03 - 21.18 Cc veining & frac-controlled chalced brx w̄ chloritic w/r frags.												
		21.32 - 21.41 Frac-controlled cc-chalced brx. w̄ chlor & epid altered w/r frags.												
		22.84 - 22.91 Cc vein, brecciated, @ 30° to C.A. wte, cse cryst cc frags surrounded by f.g. blac cc & chlorite.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (ppm)			RECOVERY RUN	SHORT
		23.20 - 23.24 Chalced veinlets & frac-controlled brx												
		w̄ epid & chlor altra w/r frags.												
		23.33 - 23.74 Cc vein & brx w̄ wte cse cryst cc frags.	86292	22.5	23.5				1	1.2				
			86293	23.5	24.3				6A	8.c				
		23.74 - 24.32 Broken core, possibly due to faulting.	86294	24.3	25.0				2	0.9				
			86295	25.0	26.0				8	0.9				
		24.33 - 24.92 Cc veinlet & minor brecciated wte to hem	86296	26.0	27.0				3	1.1				
		cc w̄ chloritic hairline frac filling mat'.	86297	27.0	28.0				1	0.6				
			86298	28.0	29.0				2	0.8				
		24.92 - 24.98 Up to 5mm chalced veinlets @ 60° & 45° to	86299	29.0	30.0				1	0.9				
		C.A.												
		26.52 - 26.77 Fault zone w̄ clay gouge & mud.												
		27.17 - 27.42 W/r matrix intensely epidotized.												
		22.53 - 27.55 Cc vein @ 60° to C.A.												
		28.47 - 28.74 Cc vein w̄ minor brecciation w̄ minor												
		frac-controlled brecciation epidote altnd w/r frags.												
		2-.13 - 29.31 FRAC-CONTROLLED CHALCED BRX W̄ HEM. & EPID ALTRD												
		SLIGHTLY BLEACHED W/R FRAGS. X-cut by chalced veinlets												
		@ 30° to C.A.												
		29.45 - 29.49 Chalced veinlets @ 30° & 120° to C.A.												
		x-cut by cc & chlorite shears @ 30° to C.A. minor												
		displacement & folding.												
		29.56 - 30.60 Mod bleached w/r x-cut by chalced stringers												
		@ 35°, 90°, 135° to C.A. every 2-5cm.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (ppm)			RECOVERY RUN	SHORT
		30.06 - 30.09 Cc vein @ 80° to C.A.												
		30.18 - 30.21 1cm cc vein w̄ rounded w/r frags minor												
		brecciation at bottom of section. Chlor frac fillings.												
		30.32 - 30.37 Cc-chalced brx w̄ banded chalced frags												
		& chloritic w/r frags.												
		30.61 - 30.78 Broken core due to faulting.												
		30.78 - 31.65 Intensely bleached w/r x-cut by chalced	86300	30.0	31.0				14	0.9				
		stringers & veinlets up to 5mm @ 30°, 45° & 45° to C.A.	86301	31.0	33.0				6	4.3				
		31.09- 31.15 Cc-chalced vein w̄ minor brecciation. Banded	86302	33.0	34.0				4	0.4				
		chalced margins & cse cryst centers. Bleached w/r frags.	86303	34.0	35.0				2	0.1				
		31.30 - 31.42 1cm chalced vein @ 30° & 45° to C.A.	86304	35.0	36.0				1	0.1				
		micro-box formed @ INTERSECTION of 2 veins. Epidote												
		open space fillings.												
		31.65 - 31.92 Broken core w̄ clay gouge.												
		32.92 - 33.72 Highly bleached w/r.												
		33.82 - 34.32 Volcanogenic sediments (?) (ash tuffs?)												
		w̄ flattened mati.												
		34.32 - 34.69 Epid & chlor altered w/r.												
		34.43												
		34.46												
		34.50 Hem-stained chalced veinlets @ 45° - 70° to												
		34.62 C.A.												
		34.69 - 35.05 Broken w/r due to faulting.												
35.05	57.30	H. LITHIFIED HEMATITIC WELDED TUFF w̄ clay altered, flattened												
		frags to 2cm x-cut by epid & cc fracs @ 30°, 45° & 70°												
		to C.A.												
		35.05 - 35.73 Broken core due to faulting.												
		35.05 - 36.08 Darker brown cator												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
		56.50 - 56.99 Darker brown core.												
		57.00 - 57.30 Broken core due to faulting.												
57.30	79.00	FRAGMENTAL CRYSTAL LAPILLI TUFF with minor welding lapilli												
		bring replaced by ep & chl lapilli oriented @ 45° to												
		C.A. x-cut by cc fractures @ 30° 45° & 60° to C.A.	86305	57.35	58.0				1	5.2				
		Slightly bleached chl & ep altered.	86306	58.0	59.0				21	3.1				
			86307	59.0	60.0				12	1.5				
		57.30 - 57.61 CLAY ALTERED WALLROCK x-cut by clay gouge	86308	60.0	61.0				26	3.3				
		& pyrophyllite? @ 30° & 45° to C.A.												
		57.67 - 57.69 15mm cc vein @ 60° to C.A. margins												
		57.80 - 58.03 CLAY SHEARS @ 45° to 60° to C.A.												
		58.03 - 58.10 Clay fault gouge.												
		58.10 - 58.72 Wallrock x-cut by clay frac's @ 30°, 45°												
		70° & 90° to C.A.												
		58.23 - 58.50 1cm banded chalcedony vein with cc												
		centres @ 30° to C.A.												
		59.01 - 59.06 CHALCEDONY BX WITH REBRECCIATED CHALCEDONY												
		FRAG'S ep & cc in matrix.												
		59.55 - 59.85 Wallrock x-cut by cc & chalcedony stringers												
		every 2cm stringers @ 30° - 40° to C.A.												
		59.96 - 59.99 5mm cc veinlet @ 30°-40° to C.A.												
		60.40 - 60.50 1cm cc vein @ 90° to C.A.												
		60.11 - 60.20 CC-CHALCEDONY, VEIN & BX @ 45° to C.A.												
		chalcedony, margins & cc centres minor chalcedony bx												
		frag's.												
		61.03 - 61.15 3mm chalcedony veinlet 10-30° core acis x-cut												
		by calcite fractures 45° to C.A. minor displacement along												
		fractures.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
		61.26 - 61.07 X-cut chalcedony veinlets 30-45° C.A.												
		61.99 - 62.30 CALCITE CHALCEDONY FRACTURE CONTROLLED BX	86309	61.0	62.0				64	6.6				
		w/banded chalcedony fragments & BLEACHED WALL ROCK FRAGMENTS	86310	62.0	63.0				32	3.1				
			86311	63.0	63.8				71	7.4				
		62.70 - 63.42 FRACTURE CONTROLLED CALCITE/CHALCEDONY BX	86312	63.8	65.0				2830	193.5				
		w/ banded chalcedony fragments & matrix, intensely	86313	65.0	65.75				7825	212.4				
		BLEACHED WALLROCK FRAGMENTS.	86314	65.75	67.0				640	39.1				
			86315	67.0	67.8				56	2.2				
		63.42 - 63.76 CHL AND EP ALTERED WALLROCK.												
		63.76 - 64.45 CALCITE-CHALCEDONY FRACTURE CONTROLLED												
		BX w/chlorite altered & slightly bleached wallrock												
		fragments minor clay on fractures surfaces.												
		64.45 - 65.34 CHALCEDONY CALCITE FRACTURE CONTROLLED												
		BX AND VEINING BLEACHED WALL ROCK FRAGMENTS and chalcedony												
		frag in banded chalcedony matrix ep & cc fractures at 30°												
		C.A. mineralization includes pyrite, ARG. AND POSSIBLY												
		ELECTRUM.												
		65.43 - 65.66 Calcite vein w/calcite margins and minor												
		chalcedony bx fragments visable ARGENTITE.												
		65.80 - 70.14 EP AND CHLORITE ALTERED & MOD BLEACHED												
		Wall Rock, w/ feldspar phenocryts replaced by hemotoe.												
		66.10 - 66.17 Calcite chalcedony vein at 45° C.A.												
		banded chalcedony margins, clacite centers.												
		66.46 - 66.55 Same as above.												
		67.03 - 67.09 Chalcite vein 45° C.A. minor bx wall												
		rock fragments.												
		67.17 - 67.42 CC CHALCEDONY FRACTURE CONTROLLED BX												
		W/ BANDED CHALCEDONY FRAGMENTS & SLIGHTLY BLEACHED WALL												
		ROCK frags in a cc matrix.												
		67.63 - 67.78 Up to 5mm cc veinlets 0°-30° C.A. ep												
		margins micro bx form at inersections of 2 veinlets.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	RECOVERY SHORT
		67.78 - 68.17 Coarse crystal in cc vein at 30-45° C.A.												
		69.60 - 69.75 Chalcedony & cc veinlets at 0,30 &45°												
		to C.A. bx chalcedony & bleached wallrock fragments												
		in cc matrix.												
		69.93 - 70.00 Broken wall rock due to FAULTING cc &	86316	67.8	68.15				10	2.7				
		chlorite on sheer surfaces at 30&70° C.A.	86317	68.15	69.0				6	0.4				
			86318	69.0	70.0				144	2.7				
		70.00 - 73.60 INTENSELY BLEACHED & SILICIFIED WALL ROCK	86319	70.0	71.0				15	1.4				
		20% Si),, w/ep altered frag up to 2cm in size, fracture	86320	71.0	72.0				22	0.5				
		controlled chalcedony bx, and stock work, tc on sheers at 30°	86321	72.0	73.0				31	1.4				
		to C.A.	86322	73.0	74.0				34	3.5				
			86323	74.0	75.0				16	1.6				
		73.60 - 74.63 EP ALTERED & SLIGHTLY BLEACHED WALL ROCK.	86324	75.0	76.0				11	0.7				
		74.65 - 74.75 Minor chalcedony bx fragments.	86325	76.0	77.0				31	0.4				
			86326	77.0	78.0				48	3.2				
		74.75 - 75.08 Broken core due to FAULTING.												
		75.08 - 77.00 INTENSLY BLEACHED WALL ROCK x-cut by												
		chalcedony veinlets and stringers at 30, 45, 60 & 90°												
		C.A. every 2cm ep fracture fillings at 45° C.A.												
		76.00 - 76.24 X-CUT BY CHLORITE, CC AND CLAY SHEERS.												
		77.00 - 77.70 CHLORITE & EP ALTERED WALL ROCK W/MINOR												
		BLEACHING x-cut by chalcedony vienlets at 45° C.A.												
		77.70 - 79.30 FAULT ZONE, intensly crushed & broken wall												
		rock w/clay gouge.												
79.30	83.82	FRAGMENTAL QTZ EYE-ANDOSITE, HEMOTITIC CRYSTAL TUFF.												
		w/1 to 2mm qtz eye x-cut by cc fractures at zero 30&45° to												
		C.A.												
		79.90 - 80.16 Broken core due to FAULTING.												
		82.90 - 83.49 Ep altered all rock, x-cut by chlorite &												
		ep fractures to 45-60° to C.A.												
		83.82 E.O.H.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No. G-DDH-88-9	Dip Tests
Location 92+25N,48+78E	Dep.	Sheet No.	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P. REYNOLDS.	
Depth	Slope	Azimuth 232°	

Property GRACE

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
0	3.66	CASING.												
3.66	63.09	FRAGMENTAL ANDESITE, CRYSTAL TUFF. Chl & ep altered, sometimes hematitic wallrock with chl & ep altered fragments up to 4cm in SiZe. xpcut by cc fractures @ 30°, 45° & 70°to C.A. miner lapills 1% py.												
		3.66 - 3.76 Broken core.												
		3.76 - 6.50 Chl & ep altered wallrock with chloritic frag's x-cut by cc & ep fractures @ 30° 45° & 70° to C.A.												
		4.26 - 4.28 4.80 4.87 - 4.88 Cc veinlets up to 8mm @ 45°, 70° & 60° to C.A.												
		6.50 - 7.75 Broken core due to FAULTING.												
		7.75 - 8.00 Epiclotized wallrock x-cut by clay & chl shears @ 45° to C.A.												
		8.00 - 10.61 SLIGHTLY BLEACHED wallrock, hematitic plagioclase with diffuse bdy's ep & chl lapilli. 8.20 - 8.25 8.50 8.55 - 8.58 8.73 - 8.74 8.89 - 8.90 Up to 8mm cc veinlets @ 45° & 60° to C.A. x-cut by ep fractures @ 15° - 45° to C.A.												
		10.61 - 14.46 Reworked wallrock with chloritic matrix. Chloritic & hamatitic frag²s up to 2cm in size cc open space fillings. 10.62 - 10.65 10.80 10.89 - 10.90 10.91 - 10.94 11.05 - 11.06 Up to 1cm cc veinlets @ 45°, 50°, 70° & 90° to C.A.												

P Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM	TO	FEET	%	%	RECOVERY RUN	SHORT
		14.07 - 14.46 Minor graded bedding.								
		14.46 - 14.90 Green to red volcanogenic sed's with minor chert?								
		14.90 - 15.15 Epidotized wallrock matrix.								
		15.15 - 15.27 Epidotized wallrock with chloritized fragments. Minor clay & chl shear @ 80° to C.A.								
		15.27 - 15.86 Light green ep altered & slightly bleached wallrock x-cut by cc & ep fractures @ 45° & 60° to C.A.								
		15.81 5mm banded chalcedony veinlet @ 45° to C.A. displaced slightly @ 135° to C.A.								
		15.86 - 15.87 1cm chalced-cc vein @ 45° to C.A. chalced margins cc centres.								
		15.87 - 16.07 Highly chloritized wallrock matrix.								
		16.07 - 26.15 Wallrock with up to 5cm frag's. EPICLASTIC TEXTURE. Hematitic wallrock matrix with chl & ep altered frag's. Some frag's with minor bleaching x-cut by cc fractures & stringers every 20-30cm.								
		23.47 - 23.75 Minor shearing @ 0-10° to C.A.								
		26.15 - 26.52 Ep altered wallrock x-cut by cc & ep fractures @ 45° & 135° to C.A.								
		26.31 5mm banded chalced veinlet @ 45° to C.A.								
		26.43 5mm cc veinlet @ 70° to C.A.								
		26.46 - 26.52 2-3cm cc vein with chl frag's & ep margins & open space fillings.								
		26.52 - 26.84 Chl & ep altered & slightly bleached wallrock x-cut by cc frac's @ 10°, 45° & 135° to C.A. 3% py.								
		26.65 5mm chalcedony veinlet with ep centres @ 60° to C.A.								
		26.84 - 26.93 Chalcedony-cc fracture controlled bx with chalcedony & slightly bleached wallrock frag's. ep along margins chl & ep open space fillings.								

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (ppm)			RECOVERY RUN	SHORT
		26.95 - 26.99 Chalced-cc vein *15mm) @ 70° to C.A. ep & chl along fractures.												
		26.99 - 27.10 Fragmental wallrock x-cut by cc fractures @ 30° & 45° to C.A.	86327	26.25	27.25				2	1.0				
			86328	27.25	28.25				670	42.5				
			86329	28.25	29.25				3	1.0				
		27.10 - 27.53 Wallrock x-cut by chalced stringers & ep frac's.	86330	29.25	30.25				1	0.7				
			86331	30.25	31.25				1	0.4				
		27.17 Chalced-cc veinlet (5mm) @ 70° to C.A.	86332	31.25	32.25				2	0.4				
			86333	32.25	33.25				1	0.4				
		27.53 - 27.88 Wallrock x-cut by chl & clay gouge 5% py	86334	33.25	34.25				2	0.4				
		27.79 - 27.82 Wallrock x-cut by cc-chalced vein @ 45& 70° to C.A. Chalced margins with cc centres.												
		27.88 - 27.91 Coarse xtalline cc vein @ 50° & 80° to C.A.												
		27.91 - 27.99 HIGHLY SILICIFIED w/r with FRAC CONTROLLED CHALCED BX with CHLORITIC & EPICLOTITE FRAG'S.												
		27.91 - 29.97 Reworked wallrock with chloritic matrix x-cut by cc fractures @ 0°, 30°, 45° & 145° to C.A. flattened chloritic lapilli.												
		27.91 - 27.96 5mm cc veinlet @ 20° to C.A.												
		28.03 - 28.04 1cm cc-chalced vainlet @ 80° to C.A.												
		28.16 - 28.19 1cm cc vein @ 60° to C.A. minor displacement @ 0° to C.A.												
		29.57 - 29.90 Broken core due to FAULTING.												
		29.97 - 33.83 Wallrock with fine grained hematitic matrix xpcut by cc & hematitic cc fra'c @ 0,30, 45, & 150° to C.A.												
		33.83 - 33.38 Chl altered wallrock x-cut by chlorite & clay shears.												
		33.38 - 33.63 Chloritic w/r x-cut by ep & chl shears.												
		33.63 - 34.10 Chl shears @ 0-10° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	RECOVERY SHORT
		34.10 - 35.00 Wallrock x-cut by chl & clay shears.												
		35.00 - 36.40 Fragmental wallrock with minor EPICLASTIC testures. Hematitic matrix with chl & ep altered frag's.												
		36.40 - 36.68 Broken core due to FAULTING.	86335	34.25	35.25				2	0.7				
			86336	35.25	36.25				5	0.5				
		36.38 - 37.83 Reworked wallrock with flattened chl lapilli	86337	36.25	37.25				18	1.9				
		@ 45° to C.A.	86338	37.25	38.25				129	13.1				
		36.83 cc vein (1cm) @ 45° to C.A.	86339	38.25	39.25				53	6.1				
			86340	39.25	40.25				4	1.2				
		36.99												
		37.10 - 37.17 Cc veinlets @ 45-70° to C.A.												
		37.47 - 37.49 Cc-chalced vein @ 70° to C.A. chalcedony margins, cc centres 13mm wide.												
		37.83 - 38.15 SLIGHTLY BLEACHED wallrock x-cut by cc fractures @ 45°, 70° & 135° to C.A.												
		37.92 - 37.94 15mm banded chalcedony vein a 60° & 80° to C.A.												
		38.07 - 38.09 Cc veinlet (15mm) @ to C.A.												
		38.15 - 38.29 Chl altered wallrock.												
		38.29 - 38.68 FRACTURE CONTROLLED CHALCED BX with bleached wallrock & chalcedony frag's in a banded chalcedony & cc matrix.												
		38.68 - 39.68 Chloritic wallrock matrix wallrock x-cut by chl shears @ 60° to C.A.												
		39.50 - 39.68 Broken core.												
		39.68 - 39.93 Slightly bleached wallrock.												
		39.93 - 40.07 FRACTURE CONTROLLED CC-CHLCEDONY BX with ep altered & slightly bleached wallrock frags & chalcedony frag's in banded chalcedony & cc matrix.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
		40.19 - 40.22 2cm chalcedony vein @ 45° to C.A.												
		40.22 - 42.54 RELATIVELY UNALTERE WALLROCK.												
		40.64 - 40.65 1cm cc vein @ 45° to C.A.	86341	40.25	41.1				1	1.0				
		41.16 - 41.45 CC: CHALCED BX WITH SLIGHTLY BLEACHED	86342	41.1	42.0				8	1.8				
		WALLROCK & chalcedony frag's in cc & banded chalcedony	86343	42.0	43.0				10	2.6				
		matrix cc white to hematitic.	86344	43.0	44.0				2	2.2				
		41.96 - 42.04 15mm cc-chalced vein @ 30! to C.A.	86345	44.0	45.0				1	0.1				
			86346	45.0	46.0				1	0.3				
		42.54 - 42.55 8mm cc-chalced veinlet @ 60° to C.A.	86347	46.0	47.0				2	0.2				
			86348	47.0	48.0				12	1.8				
		42.55 - 44.22 Wallrock x-cut by chl & clay shears @	86349	48.0	49.0				22	1.9				
		0,30 & 45° to C.A.												
		43.02 - 43.15 Broken core due to FAULTING												
		43.60 - 43.90 " " " " "												
		43.50 - 43.65 CLAY GOUGE.												
		44.22 - 47.45 RELATIVELY UNALTERED WALLROCK.												
		47.45 - 47.59 15mm cc-chalced vein & bx @ 45° to C.A.												
		banded chalcedony margin with cc centre. Minor banded												
		chalced only frag's.												
		47.59 - 47.64 MOD BLEACHED WALLROCK Ep fractures @ 45°												
		to C.A.												
		47.64 - 47.74 CC-CHALCEDONY VEIN & BX BANDED chalcedony												
		margins & cc centre REBRECCIATED CHALCEDONY frag's &												
		CHLORITIC WALLROCK FRAG'S in cc matrix chalcedony is												
		cream to dk gray.												
		47.74 - 49.45 LIGHTLY BLEACHED W/R x-cut by cc & ep												
		frac's @ 45° & 135° to C.A.												
		47.93 - 48.02 CC BX WITH BLEACHED WALLROCK												
		48.06 - 48.16 & CHALCEDONY FRAG'S												
		48.41 - 48.50 5mm - 1cm cc veinlet @ 45° to C.a.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (ppm)	Ag (ppb)			RECOVERY RUN	RECOVERY SHORT
		49.45 - 50.36 HIGHLY SILICIFIED WALLROCK WITH FRAC CONT-ROLLED CHALCEDONY BX. Banded chalcedony matrix with chalcedony & SLIGHTLY BLEACHED WALLROCK FRAG'S. cc in matrix @ top of section.												
		50.36 - 52.41 LIGHT TO MOD BLEACHED W/R x-cut by ep fractures @ 45° to C.A. chalcedony stringers @ 10-30°, 45° & 60° to C.A.	350	49.0	50.0				6150	280.6				
			86351	50.0	51.0				1525	139.2				
			86352	51.0	52.0				7	1.3				
			86353	52.0	53.0				18	2.9				
		52.41 - 52.57 Chalced-cc vein @ 70°-80° to C.A. banded chalcedony margins & cc centres.	86354	53.0	54.0				20	3.3				
			86355	54.0	56.39				15	3.1				
			86356	56.39	59.59				5	1.4				
		52.57 - 53.95 HIGHLY BLEACHED WALLROCK with chalcedony stringers @ 45° to C.A.	86357	59.59	60.0				12	2.5				
			86358	60.0	61.0				5	1.6				
		52.85 - 53.04 Broken core due to FAULTING.	86359	61.0	62.0				8	1.3				
			86360	62.0	63.0				14	1.3				
		53.95 - 56.20 Broken core due to FAULTING.	86361	63.0	64.0				1	0.6				
		56.20 - 57.28 MOD BLEACHED WALLROCK xpcut by cc fractures @ 30 & 45° to C.A.												
		57.28 - 59.40 Broken core due to FAULTING.												
		59.40 - 63.09 Slightly bleached w/r x-cut by chalcedony stringers @ 30 & 45° to C.A. ep fractures @ 45° to C.A.												
		62.00 - 62.04 CC-CHALCED BX with banded chalcedony & chloritic w/r frag's.												
63.09	80.26	HIGHLY LITHIFIED HEMATITIC WELDED TUFF												
		63.09 - 64.00 Transition zone dark brown coloured core, often broken due to faulting. With day altered & fluttened lapilli xpcut by cc fractues @ 45°, 60°, 11-° & 135° to C.A.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
80.26	99.88	FRAGMENTAL ANDESITE CRYSTAL TUFF with minor qtz eyes.												
		Chloriitc frag's to 1cm in size. Feldspar phenocrysts												
		selectively replaced by hematite. W/R matrix hamatite												
		altered, chl & ep altered and very slightly bleached.												
		X-cut by cc &ep fractures.												
		80.95 - 81.27 W/R xpcut by chl shears @ 30° to C.A.												
		81.27 - 81.53 W/R xpcut by cc fractures @ 45°, 60°												
		& 125° to C.A. every 5mm cc fractures offset chalced												
		stringer @ 135° to C.A.												
		81.53 - 81.89 MOD BLEACHED W/R.	86362	81.0	82.0				3	1.2				
			86363	82.0	83.0				8	2.2				
		81.89 - 82.00 W/R x-cut by clay & chl shears.	86364	83.0	84.0				13	2.5				
			86365	84.0	85.0				5	1.0				
		82.00 - 83.24 LIGHT TO MOD BLEACHED w/r xcut by	86366	85.0	86.0				6	0.9				
		calcedony stringers every 15-20cm.	86367	86.0	87.0				2250	191.2				
		83.24 - 83.65 W/R x-cut by chl shears @ 30° to C.A.												
		83.65 - 89.20 HEMATITIC W/R MATRIX, x-cut by chalcedony												
		stringes @ 30°, 45° & 135° to C.A. every 5-15cm.												
		84.94 - 84.99 5mm banded chalcedony stringer @												
		45° to C.r. offset by 5mm cc veinlet @ 60° to C.A.												
		85.22 - 85.30 8mm banded chalcedony stringers @												
		40° to C.A. x-cut by ep fractures @ 30-45° to C.A.												
		85.47 - 85.50 3-5mm banded chalcedony veinlet @												
		45-60° to C.A.												
		85.73 - 85.78 5mm chalced-cc stringer banded chalcedony												
		margin with cc centres.												
		86.10 - 87.16 W/r x-cut by chalced stringers @												
		30° -45° to C.A. every 1-2cm.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	RECOVERY SHORT
		87.00 - 87.16 W/R x-cut by chl shears @ 30° to C.A.												
		87.48 - 87.75 CC VEINING & FRACTURE CONTROLLED BX	86368	87.0	88.0				4	0.7				
		COURS X TALLINE cc with HEMATITIEC W/R FRAG'S w/r	86369	88.0	89.0				13	1.6				
		frag's x-cut by chalced stringers.	86370	89.0	90.0				12	2.2				
			86371	90.0	91.0				26	2.4				
		89.20 - 90.50 INTENSELY BLEACHED W/R with chalcedony	86372	91.0	92.0				17	2.0				
		stringers every 1-2cm. Minor clay alt'n x-cut by	86373	92.0	93.0				7	1.8				
		clay frac's @ 30°, 45°, 60°, & 135° to C.A.	86374	93.0	94.0				5	0.5				
		89.89 - 89.90 1cm cc vein @ 80! to C.A.	86375	94.0	95.0				6	0.4				
		90.37 - 90.43 Up to 5mm cc stringers @ 45 & 135°	86376	95.0	96.0				3	0.2				
		to C.A. micro bx forms @ intersection of 2 veinlets.												
		90.50 - 90.77 CC VEIN @ 70° to C.A. xpcut by chl												
		shears @ 45° to C.A. MINOR BRECCIATED, CLAY ALTERED W/R												
		FRAG'S.												
		90.77 - 90.94 Bleached W.R with chert? frag's.												
		90.94 - 91.32 CC BX ZONE HIGHLY BLEACHED & CLAY ALTERED												
		W/R FRAG'S & REBRECCIATED CHALCEDONY FRAG'S in cc matrix												
		minor chloritic w/r frag's chalcedony banded cram to												
		dk gray.												
		91.30 - 91.48 Cc vein @ 80° to C.a. course xtalline												
		white to hematitic cc.												
		91.48 - 92.14 BX ZONE bleached & clay altered w/r												
		frag's & banded chalcedony frag's in a chalcedony matrix.												
		92.14 - 92.33 Broken core possibly due to faulting.												
		92.33 - 93.35 BLEACHED W/R x-cut by chalcedony stringers												
		every 10-20cm.												
		92.33 - 92.56 CHALCEDONY-CC Bx with banded chalcedony												
		frag's & minor JASPER in chalcedony & cc matrix.												
		93.12 - 93.35 CC-CHALCEDONY BX with SLIGHTLY BLEACHED												
		w/r frags & banded chalcedony frag's.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
		93.35 - 93.50 FRACTURE CONTROLLED CHALCEDONY BX with intensely bleached w/r frag's with mariposite? frag's in a banded chalcedony matrix.
		93.50 - 94.50 INTENSELY BLEACHED W/R with chloritic frag's & minor chert frag's minor mariposite?
		94.50 - 95.50 FRACTURE CONTROLLED CHALCED-BX with intensely bleached w/r frag's & minor mariposite.
		95.50 - 96.25 Intensely bleached w/r xpcut by chalcedony stringers every 15.20cm minor chloritic frag's.
		95.79 - 95.81 Cc vein @ 90° to C.A. banded chalcedony margin at bottom contact.
		96.04 - 96.21 Minor brecciation in a chl, clay shear zone.
		96.15 - 99.06 FAULT ZONE Intensely broken wallrock with gouge.
		99.06 - 99.64 VOLCANOGENIC SEDIMENT green minor graded bedding.
		99.64 - 99.88 Bleached & chl & clay altered wallrock.
99.68	102.41	FRAGMENTAL QTZ EYE ANDESITE CRYSTAL TUFF X-cut by cc fractures @ 30°-45° 1-2mm qtz eyes. Minor ep fractures slightly bleached @ top of section.
		102.41 E.O.H.

CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No. G-DDH 88-10	Dip [redacted]
Location 91+75N, 48+78E	Dep.	Sheet No. 1	-45°
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by P.Reynolds	
Depth	Slope	Azimuth: 232°	

Property GRACE

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	SHORT
0	5.18	CASING.								
5.18	42.98	FRAGMENTAL QTZ-EYE ANDESITE CRYSTAL TUFF TO FRAGMENTAL	8271	15.0	16.0		1	0.7		
		ANDESITE LAPILLI TUFF with 1-3mm qtz eyes. Chl &	272	16.0	17.0		102	1.5		
		hematite altered frag's to 4cm in sie x-cut by cc	273	17.0	18.0		11	1.2		
		fractures @ 30°, 45°, 70° & 90° to C.A. Generally	274	18.0	18.7		42	2.2		
		chl & ep altered with hematite replaced plag phenocryst.	275	18.7	20		10	1.1		
			276	20	21		18	0.7		
		5.18 - 6.71 Broken core & rubble.								
		6.71 - 11.28 Broken core x-cut by cc veinlets up to								
		1cm every 30° veinlets @ 60° to C.A.								
		11.28 - 18.30 Fragmental x-tal tuff - almost agglomercitic								
		in texture. Fragments variably altered hematitic chl								
		& ep lightly bleached x-cut by ep & c fractues @ 0-30°								
		45°, & 90° to C.A.								
		12.26 - 12.30 Coarse x-talling cc vein & bx @ 50°°to C.A.								
		Chl and Ep altered and hematitic with frags.								
		18.3 - 18.7 Lightly bleached W/R xcut by clay gouge @ 45								
		- 60° C.A.								
		18.7 - 19.66 Lightly bleached W/R xcut. by Cc fractures								
		@ 30, 45, 70 & 125° to C.A. Minor hematite along frac's								
		2% diss. Py.								
		19.66 - 20.53 Med bleached W/R xcut by Cc frac's @ 45 to								
		135 to C.A.								
		19.89 - 20.2 Silicified W/R with chalcedony stringers &								
		Bx frags. 3cm Cc chalcedony. By @ bottom of section.								
		20.53 - 20.68 Chl & Ep altered W/R with chl. shears @ 45°								
		to C.A. Cc fracture fillings.								
		20.68 - 23.08 Ep & chl altered W/R matrix with slightly								
		bleached frag's. Xcut by Ep fractures.								

P. Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%	RECOVERY RUN	SHORT
		20.56 - 20.59 Cc vein @ 90 to C.A. with rounded chal. frags to 1 dm in size. Minor hematite @ W/R margins.								
		21.29 - 21.45 Cc Bx Ep & chl altered W/R frag's & minor chalced. frags in Cc matrix.								
		21.6 - 21.61 chalced vein Cc 90° to C.A. chalced margins. Cc centres.								
		22.18 - 22.27 Broken core.								
		23.08 - 24.10 Chl & Ep altered W/R Minor bleaching hematit. replacing plagioclase phenocrysts cc & ep fractures.	277	22	23		36	1.8		
			278	23	24		12	0.5		
			279	24	25		1	0.9		
		22.35 - 22.80 Mod bleacheing & silicification 6-10% SiO_2.	280	25	26		1	0.8		
			281	26	27		14	0.8		
		23.26 - 23.29 CC bx with chl & ep altered w/r frag's. Minor bleached w/r frag's.	282	27	28		10	0.6		
			283	28	29		14	0.5		
			284	29	30		30	0.9		
		24.10 - 24.20 Cc-chalced frac controlled px.	285	30	31.7		4	0.9		
			286	31.7	32		2	0.1		
		24.20 - 24.55 Relatively unaltered w/r with minor qtz eyes. X-cut by cc veinlets @ 60°-80° to C.A. & 2-3mm chalcedony veinlets @ 10-40° to C.A.	287	32	33		3	0.3		
			288	33	34		7	0.3		
			289	34	35		9	1.0		
			290	35	36		10	0.1		
		24.53 - 25.72 Chl & ep altered w/r with bleaching. Hematitic plagioclase phenocrysts with diffuse bdy's. X-cut by cc & chalcedony stringers.	291	36	37		1	0.2		
			292	37	38		3	0.8		
			293	38	39		8	1.2		
		24.90 - 24.92 Cc & chalcedony vein @ 80° & 90° to C.A. chalced margins with cc centres. Minor brecciated chalced frag's.	294	39	40		15	2.3		
			295	41	42		20	2.0		
			296	42	43		26	3.3		
		25.26 - 25.32 Frac. controlled cc bx with unaltered w/r frac's.	*297	40	41		43	5.5		
		25.72 - 27.95 Chl & clay altered w/r x-cut by cc ep frac's 1-2% py few pyritic shears.								
		26.60 - 26.72 1cm cc veinlets @ 45° & 120° to C.A.								

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
		26.86 Up to 5mm cc veinlets.
		26.92 - 26.94
		27.24 - 27.29 2cm cc vein @ 60° to C.A. minor chalcedony centres.
		27.40 - 27.90 Cc-chalcedony bx with subtly banded chalcedon frag's & bleached w/r frag's in chloritic matrix.
		27.95 - 29.77 Chl & ep altered, silicified w/r 5% SiO2 Hematite altered feldspar phenocrysts with diffuse bdy's.
		28.40 - 29.00 Fracture controlled cc-chalcedony bx with banded chalcedony frag's in cc matrix. Bleached & silicified w/r matrix.
		29.77 - 30.30 Chl & minor clay altered w/r x-cut by cc-chalcedony stringers.
		30.30 - 35.00 Chl & ep altered, mod bleached & intensely silicified w/r. X-cut by cc-chalcedony veins & bx every 10-15cm.
		30.67 - 30.89 Cc-chalcedony bx with banded chalcedony frag's & bleached w/r frag's in bleached w/r matrix.
		31.00 - 31.60 Fracture controlled cc & cc-chalcedony bx & microbx with slightly bleached w/r.
		31.75 - 32.00 Same as 31.00 - 31.60.
		32.70 - 32.90 Same as 31.00 - 31.60.
		35.00 - 42.08 Alternating chlorite & epidote & bleached w/r x-cut by ep fractures and chalcedony stringers.
		39.60 - 39.83 Cc vein @ 45° & 60° to C.A.
		40.37 - 40.45
		41.30 - 41.45 Cc-chalcedony vein @ 45° to C.A.
		41.60 - 41.80 Cc & chl vein @ 60° to C.A.
		42.48 - 42.70 W/r x-cut by clay gouge.

CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
42.08	54.30	Highly lihtified hematitic welded tuff. Minor cc fractures for bottom 30cm. Upper contact gradational.
		54.30 Faulted contact.
54.30	104.24	FRAGMENTAL QTZ-EYE andesite crystal tuff with 2-3mm qtz eyes. Chl & ep altered x-cut by cc & minor ep frac's, hematitic fragments to 1cm in size.
		54.30 - 48.25 Relatively unaltered w/r.
		57.48 Clay fracture @ 80° to C.A.
		58.25 - 59.60 Mild chl & ep altn, w/r x-cut by cc & chalcedony veins & bx every 15cm.
		58.33 - 58.41 Cc vein @ 60° to C.A.
		58.41 - 58.53 Fracture controlled chalcedony bx.
		58.90 - 59.55 Cc vein & bx @ 0-5° to C.A. Minor chalcedony along margins.
		59.97 - 60.10 Cc vein @ 70° to C.A.
		60.10 - 63.40 Intense ep altered w/r x-cut by chalcedony-cc veinlets & bx every 20cm.
		60.56 - 60.77 CHALCEDONY-CC BX ZONE with BANDED CHALCEDONY FRAG'S IN CC MATRIX. Bleached w/r envelopes for 5cm. Plagioclase phenocrysts replaced by hematite.
		60.95 - 61.25 FRACTURE CONTROLLED CHALCEDONY BX with intense chal & ep altered w/r frag's silicified w/r 10% SiO_2.
		60.17 Minor fault gouge @ 60° to C.A.
		61.80 - 61.95 Cc vein @ 0 & 90° to C.A.
		62.13 - 62.43 Intensely silicified w/r. 40% SiO_2 Chal & clay altered w/r.
		62.43- 62.60 FAULT ZONE. Broken core & clay gouge.
		63.40 -73.63 INTENSELY CHAL & CLAY ALTERED, SILICIFIED W/R. 10-20% SiO2. Plagioclase feldspar preferentially replaced by hematite.x-cut by cc & cc-chalcedony veins & bx.

CORE ASSAYS

No.	FROM	TO	FEET	Au%	Ag%
298	43	44		1	0.1
299	44	58.4		1	0.1
300	58.4	59.0		2	0.3
301	59.0	60		55	0.9
302	60	61		1	0.1
303	61	62		1	0.3
304	62	63		5	0.6
305	63	64		2	0.7
306	64	65		3	0.5
307	65	66		4	1.0
308	66	67		5	0.5
	67	68			

RECOVERY

RUN	SHORT

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au %	Ag %	RECOVERY RUN	SHORT
		63.64 - 64.40 Fracture controlled cc-chalcedony bx with banded chalcdony & cc matrix chl & clay altered w/r frag's.								
		66.45 - 66.70 CHALCEDONY BRECCIA with subtly banded chalcedony fragments & clay altered w/r fragments bleached & silicified matrix.								
		66.85 - 67.00 Broken core to faulting.								
		67.00 - 67.20 Banded chalcedony veinlets up to 1cm wide 0-80° to C.A.								
		68.15 - 68.45 Calcite chalcedony breccia at 80° to C.A.	89309	68	69		1	0.3		
			310	69	70		2	0.6		
		68.66 - 68.80 Broken core due to faulting	311	70	71		18	1.0		
		70.10 - 70.30 CC CHALCEDONY BRECCIA. Banded chalcedony fragments & clay altered W/R fragments in Cc matrix.	312	71	72		25	1.2		
			313	72	73		35	2.2		
		70.50 - 70.55 Cc chalcedony vein 70° to C.A. Cc centres minor chalcedony margins.	314	73	74		12	0.9		
			315	74	75		10	1.4		
		70.90 - 71.50 Broken core due to FAULTING.	316	75	76		5	0.4		
		71.95 - 72.05 Same as 70.50 - 70.55	317	76	77		38	4.1		
		73.20 - 73.43 FRACTURE CONTROLLED CC BRECCIA WITH CHLOR EPIDOTE & BLEACHED W/R FRAGMENTS.	318	77	78		183	12.9		
			319	78	78.5		550	56.2		
		73.50 - 73.60 Cc vein @ 40° to C.A.	320	78.5	79		1360	129.7		
		73.60 - 76.80 CHL. & EP. ALTERED W/R. cross cuts by chalced & Cc veinlets every 20 - 30cm.	321	79	80		275	18.4		
		74.70 - 74.72 Cc vein 15mm @ 40° to C.A.								
		75.00 - 75.03 Cc chalcedony vein and micro breccia's @ 60° to C.A.								
		76.80 - 78.15 Intensly Chl & CLAY altered W/R cross cut by Cc and chalcedony veins and breccia's every 10cm.								
		77.07 - 77.15 Broken core due to faulting								
		77.21 - 77.85 Cc chalcedony breccia. Banded & rebreccia-ated chalcedony fragments in a Cc matrix bleached W/R envelope for 5 cm. Minor Jasper.								
		74.45 - 78.00 Fracture controlled. Chalcedony Cc breccia with banded chalcedony plus minor Cc matrix. Intensely bleached and silicified W/R fragments, minor hematite.								
		78.15 - 78.85 Fracture controlled chalcedony breccia with intensely Chl.& clay altered W/R fragments in chalcedony & Jasper matrix.								

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	Au % (PPB)	Ag % (PPM)	RECOVERY RUN	SHORT
		78.85 - 83.60 Chl. & clay altered W/R cross cut by chalcedony								
		veins & Ep. & Zeolite fractures, slightly altered 10% S:02.								
		78.94 - 79.00 1cm chalcedony vein @ 90 to C.A.								
		79.05 - 79.30 Fracture controlled chalcedony breccia								
		with subtly banded chalcddony matrix & intensely bleached								
		clay altered W/R fragments.								
		79.75 - 80.00 Chalcedony veins. @ 30 - 120 to C.A. Cc	322				176	12.7		
		fracture @ 120° to C.A.	323				73	5.2		
		80.98 - 81.15 Fraccture controlled chalcedony breccia	324				42	4.1		
		with banded chalcedony matrix & chl. & clay altered W/R	325				38	2.5		
		fragments.	326				87	0.6		
		81.25 - 81.26] 1cm banded chalcedony	327				250	9.1		
		81.48 - 81.50] vein @ 45° to C.A.	328				105	3.7		
		81.70 - 83.30 W/R cross-cut by chalcedony fractures &	329				56	2.3		
		veinlets every 10 cm.	330				63	2.0		
		83.30 - 83.60 Fracture controlled chalcedony breccia.	331				56	1.5		
			332				72	3.6		
		83.60 - 85.25 Hematitic W/R variably bleached cross cut by	333				39	2.2		
		chalcedony and Ep fractures.	334				38	1.7		
			335				56	7.1		
		85.25 - 94.70 Intensly bleached & clay altered & silicified	336				29	1.2		
		W/R up to 30% S:02 cross cut by Ep and Zedite fractures.	337				105	7.2		
		Plagioclase feldspar preferentially replaced by hematite.								
		85.25 - 85.50 FAULT ZONE broken core & gouge								
		85.50 - 87.50 FRACTURE CONTOLLED BANDED CHALCEDONY								
		breccia with intensly clay altered w/r fragments								
		minor cc and Jasper.								
		87.65 - 87.78 Broken core due to FAULTING.								
		88.39 - 88.42 Cc & chl vein at 80° to C.A.								
		88.78 - 88.86 Intensly altered w/r cross cut by chalcedony								
		fractures at 50° to C.A.								
		89.15 - 89.25 Cc chalcedony breccia.								
		90.20 - 90.75 FRACTURE CONTROLED cc chalcedony breccia								
		@ 0-30° to C.A.								
		91.30 - 91.75 W/r cross cut by cc chalcedony stringers								
		every 2cm.								
		92.50 - 92.55 Cc breccia @ 50° & 90° to C.A.								

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE		DESCRIPTIONS	CORE ASSAYS										RECOVERY	
FROM	TO		NO.	FROM	TO	FEET	%	%					RUN	SHORT
		93.10 - 93.50 Fault zone broken coore any clay gouge.												
		93.60 - 94.70 W/R cross cut by chalcedony cc micro												
		breccias & veinlets.												
		94.70 - 104.84 Quartz eye andesite crystal tuff w/ minor												
		heamtite fragments chl &ep altered cross cut by ep &												
		chalcedony fractures.												
		94.70 - 99.70 FAULT ZONE wallrock intensely broken												
		94.70-95.50 clay gouge.												
		99.70 - 104.24 Relatively unaltered w/r.												
		104.24 E.O.H.												

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No. G-88-11	Dip Tests
Location 91+75N, 50+69E	Dep.	Sheet No.	Dip -50°
Date Started	Elev.	Core Size	
Date Finished	Bearing 070°	Logged by PAUL REYNOLDS	
Depth	Slope		

Property GRACE PROPERTY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	SHORT
-0	8.22	CASING												
8.22	37.16	REWORKED ANDESITE CRYSTAL TUFF with minor Qtz eyes. Fragmental replaced by hematite - chloritic matrix. silicified throughout 5% SiO_2 2% disseminated Py in chloritic matrix ep & chl open space fillings.												
		8.22 - 11.00 Silicified w/r with chalcedony stringers & fracture controlled veinlets every 2-5cm feldspar replaced by hematite.	86 377	10.0	11.0				2	3.2				
		8.73 - 8.80 8mm chalcedony veinlet @ 40° to C.A.	86 378	11.0	12.0				3	4.2				
			86 379	12.0	12.5				4	3.5				
			86 380	12.5	14.0				1	3.8				
			86 381	14.0	15.0				1	1.5				
		11.00 - 11.86 FRACTURE CONTROLLED CHALCEDONY BX with reworked w/r frag's Frag's composed of rounded sand sized grains minor clay alt'n.	86 382	15.0	16.0				5	4.0				
			86 383	16.0	17.0				2	3.8				
			86 384	17.0	18.0				1	2.7				
		11.86 - 12.55 W/R x-cut by chl fractures & shears @ 20° - 40° to C.A.												
		12.55 - 13.38 Broken core due to faulting.												
		13.38 - 14.00 Same as 8.22 - 11.00 but with fewer chalcedony stringers veinlets.												
		14.00 - 15.36 W/R x-c8t by chal shears @ 0-30° to C.A. 5% Py.												
		14.46 - 14.52 W/R x-cut by chalcedony veinlets (3mm) @ 30° to C.A. veinlets x-cut by chert @ 90° to C.A.												
		15.36 - 16.12 W/R x-cut by chalcedony fracture controlled stringers every 1cm feldspar replaced by hematite minor bleaching chloritic fractures & shears. 5% py.												
		16.12 - 16.30 Crushed w/r with chl & clay shears 5% py.												
		16.30 - 17.00 Same as 15.36 - 16.12 but with less chalcedony												

P Reynolds

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS NO.	FROM (m)	TO (m)	FEET	%	%	Au (ppb)	Ag (ppm)			RECOVERY RUN	SHORT
		17.00 - 17.83 Highly silicified w/r 10% SiO_2 chalcedony stringers every 5mm slightly bleached chl & ep fracture fillings.												
			86 385	18.0	19.0				3	3.2				
		17.83 - 19.96 Reworked w/r 2% SiO_2 minor chloritic frag's minor clay alt'n.	86 386	19.0	20.0				1	4.2				
			86 387	20.0	21.0				15	5.5				
			86 388	21.0	22.0				41	6.0				
		19.96 - 20.87 Same as 17.83 - 18.96 but more highly silicified 15% SiO_2 minor chloritic frag's minor hematite. X-cut by chalced stringers every 1-2cm 2% py.	86 389	22.0	23.0				17	4.1				
			86 390	23.0	23.5				1	0.6				
			86 391	23.5	24.5				4	1.2				
		20.52 - 20.57 8mm chalced veinlet @ 45° to C.A.	86 392	24.5	25.0				2	2.2				
		20.61 - 20.64 3cm frag with hematitic margin	86 393	25.0	26.0				17	5.4				
		5% py.	86 394	26.0	27.0				4	2.9				
		20.87 - 21.78 Reworked fragmental crystal tuff with highly bleached & silicified frag's. Minor chalcedony frag's chl matrix cc fracture fillings. Hematitic margins up to 5% py with the hematite minor clay alt'n.												
		21.78 - 22.76 Fractue controlled chalced bx with bleached w/r & chalced frag's chalced fracture filling's w/r frag's with hematitic margins feldspar replaced by hematite 1% py.												
		22.60 - 22.70 Broken core due to FAULTING.												
		22.76 - 23.90 Fracture controlled chalced stringers & veinlets microbx forms @ intersection of 2 or more veinlets. Hematite replaceing plag feldspar in wallrock ep fracture fillings 2% py. Minor hematite @ chalcedony margins.												
		23.90 - 24.39 Relatively UNALTERED WALLROCK 1% SiO_2.												
		24.39 - 25.05 Same as 22.76 - 23.90.												
		25.05 - 26.90 Relatively unaltered w/r x-cut by chl & clay shears @ 0-30° to C.A.												
		25.21 - 25.45 Intensely broken core & day gouge.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM (m)	TO (m)	FEET	%	%	Au (PPB)	Ag (PPm)			RECOVERY RUN	RECOVERY SHORT
		26.90 - 27.58 Silicified w/r up to 3% SiO2												
		27.56 - 27.69 W/r x-cut by chalcedony veins up to 15mm wide and chalcedony stringers. Minor hematite 1% py minor clay alt'n.												
		27.69 - 27.80 Silicified w/r x-cut by fracture controlled chalcedony stringers.												
		27.80 - 28.14 W/R x-cut by fracture controlled chalcedony veinlets. Minor clay alt'n 3% py.	86395	27.0	28.0				14	2.9				
			86396	28.0	29.0				5	1.7				
			86397	29.0	30.0				4	1.1				
		28.14 - 28.91 MINOR BLEACHING of w/r. W/r x-cut by chalcedony stringers & veinlets. Veinlets up to 1cm wide @ 45°-70° to C.A. stringers @ 0-90° to C.A. ep fractures @ 30° to C.A. 5% py.	86398	30.0	31.0				1	1.1				
			86399	31.0	32.0				1	1.3				
			86400	32.0	33.0				2	1.7				
			86401	33.0	34.0				4	1.6				
			86402	34.0	35.0				1	2.4				
		28.91 - 29.88 CHL * EP ALTERED W/R x-cut by up to 3mm chalcedony veinlets @ 0-50° to C.A. plag phenocryst replaced by hematite 5% py.	86403	35.0	36.0				1	3.0				
			86404	36.0	36.4				12	1.1				
			86405	36.4	37.15				15	4.6				
			86406	37.15	38.0				14	3.8				
		29.88 - 31.60 MINOR BLEACHING OF W/R W/R (2% py) x-cut by ep fractures @ 30° to C.A. and chalcedony stringers every few cm.												
		31.50 - 31.57 31.66 - 31.71 ~~Fracture controlled chalced bx with minor clay alt'n in w/r frags.~~												
		31.60 - 33.67 RELATIVELY UNALTERED W/R.												
		33.67 - 36.28 FRACTURE CONTROLLED CHALCEDONY BX with bleached w/r frag's frag's x-cut by fractures. Bottom of section increasingly brecciated 3% py.												
		36.28 - 36.41 White colored vein @ 45° to C.A. slight orange-red stain @ top part.												
		36.41 - 37.16 CALCEDONY BX with rebrecciated chalcedony frag's matrix x-cut by chl shears 3-5% py with chl.												

DIAMOND DRILL HOLE RECORD

Property

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No.	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		36.61 - 36.70 Intensely broken w/r with clay gouge.												
37.16	53.95	REWORKED QTZ-EYE ANDESITE CRYSTAL TUFF AND VOLCANOGENIC SEDIMENTS with 1-2mm qtz eye. X-cut by cc fractures. Minor graded bedding. chl & ep altered. Generally fine grained with few lapilli size chl minor hematite in fractures.												
		37.16 - 41.80 Volcanogenic sed's x-cut by cc frac's @ 30° & 45° to C.A. Minor ep & hematite fractures.												
		41.80 - 43.51 Reworked qtz-andesite crystal tuff with minor chl lapilli. X-cut by cc & ep fractures. Minor cc-chalcedony veinlets to 5mm wide. Minor clay alt'n.												
		43.51 - 43.95 Fracture controlled chalcedony veinlets chalcedony banded fraom cream to dk gray, feldspar pheno's replaced by hematite. Minor clay alt'n in w/r												
		43.95 - 44.35 Same as 41.80-43.50												
		44.35 - 44.98 Same as 43.51 - 43.95.												
		44.98 - 48.23 Same as 41.80 - 43.51 but with no chalcedony veinlets.												
		48.23 - 53.95 Same as 44.98 - 48.23 but with w/r x-endiths up to 4cm in size. Chl & ep altered w/r. Hematite fractures @ 45° to C.A.												
		53.95 E.O.H.												

DIAMOND DRILL HOLE RECORD

Property GRACE

Level	Lat.	Hole No. DDH-12	Dip
Location 91+64N 50+50E	Dep.	Sheet No. 1 of 4	-50°
Reynolds	Elev.	Core Size	
Date Finished	Bearing	Logged by P. Reynolds	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS No.	FROM	TO	FEET	%	%					RECOVERY RUN	SHORT
		0-57.61 DEWORKED ANDESITIC CRYSTAL TUFF WITH INTERLAYERED FRAGMENTAL ANDESITE CRYSTAL TUFF & VOLCANOGENIC SEDIMENTS. Matrix generally chloritic with subhedral plagioclase phenocrysts fragments up to 7cm in size.												
		0-23.16 Chloritic matrix. Plagioclase feldspar preferentially replaced by hematite.												

P Reynolds

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 2	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by	
Depth	Slope		

Property

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS FROM	TO	FEET	%	%	RECOVERY RUN	SHORT
23.16	25.75	VOLCANOGENIC SEDIMENT Hematitic matrix Minor graded bedding. Xcut by Cc frac's.							
		23.67 - 23.74 Fracture controlled chalcedony veinlets up to 4mm wide.							
25.75	31.80	SAME AS 0-23.16 BUT WITH MORE Ep. Altn. and silicification. 5% S;02 2% disseminated Py.							
		27.63 - 27.74 Chalcedony vein @ 45 & 60 to C.A. Minor orange-pink stain in the chalcedony and along margins > probably due to hematite (or feldspar?)							
		29.53 - 29.55 Fracture controlled chalcedony veinlets @ 30 to C.A.							
		30.28 - 30.53 4mm chalcedony stringers @ 30 to C.A.							
31.80	39.30	RELATIVELY UNALTERED W/R. Hematitic matrix xcut by C. frac's @ 30 & 45 to C.A.							
		33.42 - 33.64 Fracture controlled chalcedony veins and veinlets. Veins to 15mm wide. Subtle banding; color cream to dark gray.							
		34.12 - 34.22 1 cm chalcedony veinlets @ 45 to C.A.							
		34.22 - 39.30 Chalcedony stringers @ 30 - 45 to C.A. Every 30 - 40 cm.							

DIAMOND DRILL HOLE RECORD

Property: Grace 12

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 3	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by Paul Reynolds	
Depth	Slope		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS	CORE ASSAYS (ppb) Au	(ppm) Ag	RECOVERY RUN	RECOVERY SHORT
39.30	51.60	BLEACHED & SILICIFIED W/R. 5% S:02. 2-5 % Py. Matrix				
		becoming increasingly bleached towards bottom of				
		intersection. Chalcedony stringers & fracture				
		controlled veinlets every 10-15cm. Cc & Ep fractures.				
		41.43 - 41.60 Fractrure controlled chalcedony bx with				
		chhl. & Ep. altered W/R frags.				
		42.00 - 42.06 Chalcedony veinlet up to 7mm in				
		chloritic in chloritic shear.				
		44.09 - 44.19 1cm chalcedony vein @ 25 to C.A.				
		44.42 - 44.50 5 mm chalcedony veinlets				
		44.53 - 44.64 @ 30 to C.A.				
		44.85 - 44.94 Chalcedony vein @ 45 to C.A.				

NO.	FROM	TO	FEET	%	%	Au	Ag
8407	41.00	42.00				36	5.4
408	42.00	43.00				87	8.2
409	43.00	44.00				2	0.7
410	44.00	45.00				1	0.1
411	45.00	46.00				1	0.1
412	46.00	47.00				1	0.2
413	47.00	48.00				69	1.6
414	48.00	49.00				87	5.8
415	49.00	50.00				17	1.8
416	50.00	51.00				14	0.9

DIAMOND DRILL HOLE RECORD

Level	Lat.	Hole No.	Dip Tests
Location	Dep.	Sheet No. 4	
Date Started	Elev.	Core Size	
Date Finished	Bearing	Logged by Paul Reynolds	
Depth	Slope		

Property Grace 12

FOOTAGE FROM	FOOTAGE TO	DESCRIPTIONS
		45.42 - 45.46 4mm chalcedony veinlet @ 45 to C.A.
		45.87 - 45.90 Same as 45.42 - 45.46
		45.94 - 45.98 Chalcedony vein with minor brecciation. Relatively unaltered W/R bx frag's.
		47.14 - 47.17 5 mm chalcedony veinlets @ 47.74 - 47.78 45 to C.A.
		48.01 - 48.07 5mm chalcedony veinlet @ 45 to C.A.
		48.33 - 48.47 Up to 1 cm chalcedony veinlet with minor microbox. Xcut by Ep shears @ 35 to C.A. Minor displacement along shear.
		48.63 - 48.74 4mm chalcedony veinlet @ 30 to C.A.
		49.06 - 49.27 Fracture controlled chalcedony veinlets up to 5mm wide.
		49.42 - 49.45 Chalcedony veinlet (5mm) @ 45 to C.A.
		49.45 - 49.70 Ep. shears @ 15 to C.A.
		50.62 - 50.78 4mm chalcedony veinlet @ 40 to C.A.
51.60	57.61	SAME AS 39.30 - 51.60 but with chalcedony veinlets and fracture controlled bx. every 5cm.
		51.6 - 51.69 1cm chalcedony veinlet @ 45 to C.A.
		52.55 - 52.73 5mm chalcedony veinlet @ 25 - 30 to C.A.
		52.88 - 54.56 W/R xcut by chl & Ep. shears.
		55.17 - 55.30 Fracture controlled chalcedony bx. with bleached W/R frags.
		56.15 - 56.35 W/R xcut by chl & clay frac's.

CORE ASSAYS No.	FROM	TO	FEET	%	%	(PPb) Au	(PPm) Ag			RECOVERY RUN	SHORT
417	51.00	52.00				25	2.7				
418	52.00	54.58				530	59.0				
419	54.58	56.00				11	1.2				
420	56.00	57.00				16	3.2				
421	57.00	57.61				12	0.8				

57.61 END OF HOLE (Hole abandoned due to broken casing)