MINT PROPERTY

	Grid East	Grid North	Easting	Northing	Elev.	Depth (m)
ZONE:			505509	6852537	1682	343.51

SECTION:

HOLE: DDH-M12-03

CLAIM: YD99706

Contractor: Platinum Drilling

Drill: 1

Core size: NQ2 Reduced at: (m)

Casing depth: 30.48 (m) in / **out**

Drilling dates: July 6 - July 10, 2012

Geology logged by: NICK BUECKERT

TARGET:

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
0	330	-60	ranger	213.5	345.4	-61.1	
30.5	340	-60.2	ranger	244	345.6	-61.4	
91.5	344.2	-60.4	ranger	305	345.7	-61.5	
183	344.9	-60.9	ranger	335.5	346.7	-61.5	

SUMMARY

From (m)	To (m)	Interval	Unit	Comments
0.00	30.48	30.71	CAS	Casing (advanced from 9.14m)
11.78	102.54	90.76	V1	Clast-supported breccia; galena in ?gypsum? Vein;
				Volcanic 1 (andesite); propylitic > sericite alteration;
				local pyrite (<10%) and galena (<3%)
102.54	317.80	215.26	FEL	Brecciated sericite altered felsic dike; locally strong
				pyrite+/- ?chalcocite? Mineralization
317.80	343.51	25.71	V1	Volcanic 1 (andesite); propylitic and potassic alteration
	EOH			EOH @ 343.51m

SAMPLES

Numbers: M677240 - M677441

Total: 202

Batch: 8-13

Date Sent:

Certificate:

COMMENTS

EOH @ 343.51m

Geology Log

Hole: DDDH-M12-03 **Logger: Nick Bueckert** **Date: August 2012**

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
0.00	11.78	11.78	0.00																				Casing is advanced from 9.14m to 30.48; coring starts at 11.78m
11.78	30.71					V1		Lt	gy	bx						4	ser	3	2	di			VOLCANIC 1 (andesite)- clast-supported breccia - see DDH-M12-02 log for description. Pervasive oxidation throughout. Local gouge throughout. Dominantly clast-supported breccia (crackle breccia) with pyrite mineralized matrix. Local blebby pyrite occurs in matrix. Large blebs (<8mm) of galena? In ?gypsum/anhydrite? Vein. Minor zones of Matrix-supported Breccia
																	pro	2	1	di			
																				gn			
																				li	40		
			11.78	12.19		V1			wh	gg							ser	3	2	di			VOLCANIC 1 (andesite)- clast-supported breccia - bleached white, very gougey, disseminated galena(?) 'streaks' present + pyrite
																	pro	3					
			12.19	12.38		VN		lt	gy	bx							ser	3		gn	3		VOLCANIC 1 (andesite)- clast-supported breccia - bleached white, very gougey, disseminated galena(?) 'streaks' present + pyrite. Mineralized vein see secondary log; gougey
																	pro	2		gn	40	x	
																			4	bl			
			12.38	15.54		V1		lt	gy	bx							ser	3	3	di			VOLCANIC 1 (andesite)- clast-supported breccia - Pervasive oxidation along fractures and in breccia matrix. Crackle breccia with pyrite mineralization. Core relatively competent. Gouge zone (17 cm) with pervasive oxidation and increase in pyrite(<10%). Local blebby pyrite mineralization.
										gg							pro	4		gn	2		
																				li	40		
			15.54	15.81		GG		md	bn	gg							ser	3	3	di			GOUGE - core bleached + brown with coarse-grained pyrite and blebby pyrite throughout
																	pro	5	10	bl			
			15.81	16.57		V1				bx							ser	3					VOLCANIC 1 (andesite)- clast-supported breccia - Pervasive oxidation along fractures and in breccia matrix. Crackle breccia with pyrite mineralization. Core relatively competent. Gouge zone (17 cm) with pervasive oxidation and increase in pyrite(<10%). Local blebby pyrite mineralization.
			16.57	16.68		V1		lt	gn	bx							ser	3		mc			VOLCANIC 1 (andesite)- clast-supported breccia - Pervasive oxidation along fractures and in breccia matrix. Crackle breccia with pyrite mineralization. Core relatively competent. Narrow zone hosting malachite? Core greenish hue
									wh														
			16.68	18.04		V1				bx							ser	3					VOLCANIC 1 (andesite)- clast-supported breccia - Pervasive oxidation along fractures and in breccia matrix. Crackle breccia with pyrite mineralization. Core relatively competent.
			18.04	20.28		V1		md	gy	an						2	pro	1	1	di			VOLCANIC 1 (andesite) - unaltered to weakly propylitic altered aphanitic Volcanic 1. Stockwork limonite stained fractures
			20.28	24.80		V1		md	gy	an						2	pro	1	3	di			VOLCANIC 1 (andesite) - clast-supported breccia - type case texture but with pervasive oxidation. Pyrite mineralized matrix, less sericite altered than type case. Some fractures gougey; decreasing oxidization down hole
									or								ser	1	5	bl			
			24.80	27.15		V1		md	gy	bx						2	pro	1	3	di			VOLCANIC 1 (andesite) - breccia (distinct from previously described clast-supported breccia and matrix-supported Breccia). 50% matrix. Clasts 0.8cm - 3cm angular sericite altered Volcanic 1 - no pyrite mineralization. Matrix is green + white coarse- to very coarse-grained with coarse-grained pyrite throughout. Yellow stains around plagioclase phenocrysts.
								lt	gy														
			27.15	30.71		GG		lt	bn	gg						4							see secondary structure log

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
30.71	60.41					V1		lt	gy	po							ser	3	10				VOLCANIC 1 (andesite) - unaltered + sericite + propylitic altered. Large gougey zones (<1m); mineralogy and texture change from grey with 'washout' white plagiolcase grains to light grey with white plagioclase grains and coarse-grained green chlorite; pyrite mineralization decrease in this interval but locally <10%; core very rubbley to approximately competent; one 33 cm zone with disseminated galena?
								md	gy	gg										gn			
								wh									pro	1					
			30.71	35.30		V1		md	gy	po													VOLCANIC 1 (andesite) - unaltered - Medium-grained pink weathered K-spar +plag in crystalline grey matrix. Core very crumbley and rubbley
			35.30	35.66		V1			wh	po						3	ser	4		gn	3		VOLCANIC 1 (andesite) -clayey - Soft, white + light grey sericite altered volcanic . Coarse-grained disseminated galena? And medium-grained pyrite throughout. Local blebby pyrite <6%
																			6	bl			
			35.66	40.29		V1			wh	gg						4	ser	5	2	di			VOLCANIC 1 (andesite) - sericite altered - Strong to intense sericite alteration with pervasive oxidation; core gougey throughout; fine-grained disseminated pyrite throughout; local pyriteblebs <6% and trace galena?
									or										6	bl			
																				gn	1		
			40.29	41.43		V1											ser	3					VOLCANIC 1 (andesite) - unaltered + sericite + propylitic altered. Large gougey zones (<1m); mineralogy and texture change from grey with 'washout' white plagiolcase grains to light grey with white plagioclase grains and coarse-grained green chlorite; pyrite mineralization decrease in this interval;
			41.43	41.75		V1		lt	gy	gg							ser	4	3	di			VOLCANIC 1 (andesite) - sericite altered - type case; very gougey
			41.75	42.16		V1				po							ser	3					VOLCANIC 1 (andesite) - unaltered + sericite + propylitic altered. Large gougey zones (<1m); mineralogy and texture change from grey with 'washout' white plagiolcase grains to light grey with white plagioclase grains and coarse-grained green chlorite; pyrite mineralization decrease in this interval;
			42.16	42.19		V1		lt	gy	gg							ser	4	10	bl			VOLCANIC 1 (andesite) - sericite altered - type case; semi-massive pyrite along fractured core surface
			42.19	46.27		V1				po							ser	3					VOLCANIC 1 (andesite) - unaltered + sericite + propylitic altered. Large gougey zones (<1m); mineralogy and texture change from grey with 'washout' white plagiolcase grains to light grey with white plagioclase grains and coarse-grained green chlorite; pyrite mineralization decrease in this interval;
			46.27	50.10		V1		lt	gy	po						2	pro	1		di			VOLCANIC 1 (andesite) - (PROPYLITIC ALTERED) - Weak alteration; Py-li stringers and veinlets present; weak pervasive oxidation (see secondary structures log)
																			4	st			
			50.10	57.23		V1		md	gy	po						2							VOLCANIC 1 (andesite) - (UNALTERED) - Plagioclase-phyric in grey crystalline matrix; stockwork li stringers
			57.23	58.91		V1			bn	ox						4	ser						VOLCANIC 1 (andesite) - (OXIDIZED SERICITE ALTERED?) Core too oxidized to identify; likely sericite altered (soft and fine-grained pyrite present)
			58.91	60.41		V1		lt	gn	bx							ser	2	4	bl			VOLCANIC 1 (andesite) - brecciated - Dominantly clast-supported (10% matrix); clasts are subrounded propylitic and sericite altered volcanic. Matrix - limonite and blebby pyrite are present. Pyrite stringers overprint breccia. Bottom of interval - approximately 50 cm of 'flow breccia' - irregular flow bands present. Vuggy ankerite? present (1%).
								md	gn								pro	3					
									bn														
60.41	102.54					V1		lt	gn	po							pro	1	1	di			VOLCANIC 1 (andesite) - - Plagioclase absent; more felsic matrix - weak propylitic altered (chlorite > mafics); disseminated pyrite common
			60.41	78.33		V1		lt	gn	po							pro	1	1	di			VOLCANIC 1 (andesite) - - Plagioclase absent; more felsic matrix - weak propylitic altered (chlorite > mafics); disseminated pyrite common

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
			78.33	78.65		V1		dk	pu	an							pot	5					VOLCANIC 1 (andesite) (formerly "MAFIC DIKE?") (OR POTASSIC ALTERATION?) - magnetic, blackish purple; aphanitic texture. Host rock (if any) unidentifiable. If mafic dike not the same as Diabase Dike.
			78.65	87.47		V1		lt	gn	po							pro	1	1	di			VOLCANIC 1 (andesite) - - Plagioclase absent; more felsic matrix - weak propylitic altered (chlorite > mafics); disseminated pyrite common
			87.47	87.77		DD		md	bn							3	pro	1	1	di			Oxidized, rubbley core. Limonite stringers; pyrite and limonite veinlet at bottom
																			4	bl			
			87.77	102.54		V1		lt	gn	po							pro	1	1	di			VOLCANIC 1 (andesite) - - Plagioclase absent; more felsic matrix - weak propylitic altered (chlorite > mafics); disseminated pyrite common
102.54	176.93					FEL			wh	an									3	di			FELSITE - White-greyish white, aphanitic felsic dike with fine-grained to medium grained disseminated pyrite throughout. All silicate minerals are bleached white. Medium-grained turquoise-stained pits common. Pyrite mineralized+/-sphalerite+/-galena? Breccias several metres long common (general increase in sulphide mineralization in these zones).
										bx									40	py			pyrite <40%
																				sph	10		sphalerite <10%
																				gn	10		galena <10%
			102.54	118.81		FEL			wh	an							ser	5	2	di			FELSITE - type case - not brecciated one gougey fracture with 15% py. Colour changes to light grey in 'baked' zones (~10 cm average)
								lt	gy														
																				gn	3		
			118.81	121.28		FEL			wh	bx							ser	5	3	di			FELSITE - brecciated case; most breccia is 5-15% matrix with zone of 30% matrix (30 cm average). Clasts are dominantly subangular and subrounded; zones (30 cm) of rounded clasts (= increase in fluid flow). Overall pyrite mineralization increase. Centimetre-scale zones of blebby to semi-massive pyrite in matrix. Clasts range from 1-7cm on average. Rare gougey zones host coarse-grained pyrite (<10%); zones of Cc? present throughout (~30cm).
								lt	gy										40	bl			blebby pyrite <40%
																				sph	20		sphalerite <20%
																				cc	5		chalcocite(?) <5%
			121.28	121.71		FEL		lt	gy	bx							ser	5	5	di			FELSITE - large vug (5cm) with colloform orange mineral infill. sphalerite > galena(?) > pyrite form semi-massive masses (infill?) proximal to vug. Pyrite commonly forms <8mm euhedral dodecahedrons. Breccia below vug has sphalerite + pyrite mineralization
									or	vu										sph	20	x	
																				gn	5		
			121.71	128.35		FEL			wh	bx							ser	5	3	di			FELSITE - brecciated case; most breccia is 5-15% matrix with zone of 30% matrix (30 cm average). Clasts are dominantly subangular and subrounded; zones (30 cm) of rounded clasts (= increase in fluid flow). Overall pyrite mineralization increase. Centimetre-scale zones of blebby to semi-massive pyrite in matrix. Clasts range from 1-7cm on average. Rare gougey zones host coarse-grained pyrite (<10%); zones of Cc? present throughout (~30cm).
								lt	gy										40	bl			blebby pyrite <40%)
			128.35	128.53		FEL		md	gy	vu							ser	5	9	bl			FELSITE - small vugs (1 cm elongate) with increase in pyrite mineralization in matrix
										bx							ser						
			128.53	130.75		FEL			wh	bx							ser	5	3	di			FELSITE - brecciated case; most breccia is 5-15% matrix with zone of 30% matrix (30 cm average). Clasts are dominantly subangular and subrounded; zones (30 cm) of rounded clasts (= increase in fluid flow). Overall pyrite mineralization increase. Centimetre-scale zones of blebby to semi-massive pyrite in matrix. Clasts range from 1-7cm on average. Rare gougey zones host coarse-grained pyrite (<10%); zones of Cc? present throughout (~30cm).
								lt	gy										40	bl			blebby pyrite <40%

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, I = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
			130.75	135.91		FEL		lt	gy	an							ser	5	3	di			FELSITE - Classic case with sheeted pyrite veinlets; stringers have 1 cm wide white envelopes
									wh														
			135.91	139.44		FEL		lt	gy	bx							ser	5	1	di			FELSITE - sublte breccia; clast-supported. Clasts are 8-10 cm on average. Infrequent pyrite stringers
									wh														
			139.44	141.22		FEL			wh	an							ser	5	2	di			FELSITE - type case with 50 cm breccia zone at top of interval; clasts are 8-15 cm and decrease to 5 cm downhole. Zones of gougey clay (8cm and 13 cm long) are intensely sericite altered and are associated with an increase in pyrite mineralization.
										bx									35	di			
			141.22	141.55		IPD		dk	gy	po													INTERMEDIATE PORPHYRY DIKE - Dark grey colour, with white crowded plagioclase (medium- to coarse-grained); non-magnetic; Five stockwork stringers present
			141.55	142.10		FEL			wh	bx							ser	5	4	di			FELSITE - classic breccia case - with 5mm pyrite stringer 45 degrees to core axis
																			7	bl			
																				cc	4		
			142.10	142.75		IPD		dk	gy	po													INTERMEDIATE PORPHYRY DIKE - see 141.22 - 141.55 m interval; white stringers (stockwork) 25/m
			142.75	150.57		FEL		md	gy	an							ser	5	2	di			FELSITE - type case; minor blebby pyrite and pyrite mineralized fractures. Dark disseminated sulphide chalcocite? too fine-grained to identify
																					cc	1	
									wh														blebby pyrite <6%
			150.57	151.97		FEL		md	gy	bx							ser	5					FELSITE? - Cobble breccia with 10 cm clasts in dark grey crystalline matrix. Some clasts are oxidized; coarse-grained pyrite on fracture surfaces
			151.97	154.24		FEL			wh	an							ser	5	2	di			FELSITE - type case with several breccia zones 5-15 cm long. Breccia hosts pyrite mineralization in hard, orange mineral with fizz (ankerite?). Trace chalcopyrite with pyrite blebs
										bx									5	bl			
																				cp	2		
			154.24	154.66		IPD			bk	po													INTERMEDIATE PORPHYRY DIKE? - magnetic; plagioclase-phyric in crystalline black matrix
			154.66	160.91		FEL		lt	gy	an							ser	5	3	di			FELSITE - 60% type case 40% pyrite mineralized breccia; vugs are common associated with very coarse-grained pyrite. Breccia zones are in 15-40 cm intervals - elevated sulphide mineralization in these zones.
									wh	bx									6	bl			blebby pyrite <6%
										vu										gn	2		
			160.91	162.02		FEL			wh	an							ser	5	2	di			FELSITE - type case - pyrite mineralized fractures
			162.02	162.23		FEL		dk	gy	bx							ser	5	20	bl			FELSITE - Breccia with dark grey crystalline matrix and pyrite and chalcocite|? Vein. (Core has heft)
																				cc	5		
			162.23	168.08		FEL		lt	gy	bx					4		ser	5	2	di			
								md	gy										4	di			disseminated <4%
																				cc	2		
																				sph	1		
			168.08	168.54		FEL		lt	gn	an							pro	1					PROPYLITIC ALTERED FELSITE? - Two black stringers present
			168.54	171.14		FEL			wh	an					4		ser	5					FELSITE WITH SILICIC ZONE- Type case felsite with transition into 1m silicified zone
								md	gy														
			171.14	172.00		FEL		md	gy	bx							ser	5	40	bl			FELSITE - Cobble breccia zone (25cm) transition into crackle breccia with a zone (10cm) of semi-massive pyrite mineralization within milky-white quartz-carbonate-bearing matrix. Breccia texture
			172.00	173.70		FEL			wh	an							ser	5					FELSITE - Type case; Pyrite mineralized fractures present

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
								lt	gy														
			173.70	174.75		FEL		md	gy	bx							ser	5	3	di			FELSITE - clast-supported breccia with subrounded Felsite clasts (1-8cm) and three very large clasts (<15cm). Matrix (2%) is light grey and consists of coarse-grained brecciated felsite and hosts disseminated and local strong blebby to semi-massive pyrite mineralization.
								dk	gy										50	bl			
			174.75	174.90		IPD			gy	po													Intermediate Porphyry Dike - type case
176.93	180.50					V1		lt	gn	po							pro	1					VOLCANIC 1 (andesite) - - Chlorite-phyric with white and green crystalline felsic matrix. Plagiocalse phenocrysts and mafics are absent. Infrequent pyrite stringers with white envelopes (5mm). Matrix increasingly felsic toward downhole contact. Chlorite is altered to a yellow mineral. Disseminated pyrite mineralization occurs throughout interval.
180.50	240.93					FEL		lt	gy	bx													FELSITE - Large interval of dominantly brecciated > nonbrecciated Felsite, minor Diabase Dike and Intermediate Porphyry Dike. Felsite is typically aphanitic with fine-grained disseminated pyrite mineralization. Metre-scale zones of chlorite-phyric porphyritic rock (Felsite?) occur throughout interval. Clast-supported and crackle breccias are most common and have zones (10-30cm) of increased blebby pyrite mineralization +/- vugs. Vug and breccia infill is dominantly milky quartz-carbonate and pyrite. Pyrite stringers, veinlets and mineralized fractures are common but infrequent. Dikes are 10-80cm wide.
									wh	an													
								dk	gy														
			180.50	184.45		FEL		lt	gy	bx							ser	5	2	di			FELSITE - Nonbrecciated Felsite in general with frequent minor zones of brecciation throughout (2 - 50cm intervals) which host 2-10%, locally <25% pyrite mineralization. Pyrite mineralized fractures are common.
										an									40	bl			blebby pyrite <40%
			184.45	184.50		FEL		lt	gy	bx							ser	5	25	bl			Semi-massive pyrite mineralization in breccia matrix
			184.50	188.29		FEL		lt	gy	bx							ser	5	2	di			FELSITE - Nonbrecciated Felsite in general with frequent minor zones of brecciation throughout (2 - 50cm intervals) which host 2-10%, locally <25% pyrite mineralization. Pyrite mineralized fractures are common.
										an													
			188.29	188.35		FEL		lt	gy	bx							ser	5	15	bl			FELSITE - Breccia with pyrite mineralization and 3cm zone at 60 degrees to core axis of vuggy quartz-carbonate and coarse-grained pyrite infill of fracture.
										vu													
			188.35	188.58		FEL		lt	gy	bx													FELSITE - typical for interval
			188.58	189.46		FEL		lt	gy	bx							ser	5	3	bl		x	FELSITE - Crackle breccia with blebby pyrite mineralization (same as 188.58-189.46m). Matrix hosts blebby stringers of pyrite. Clasts are subrounded (strong fluid pressure?). Top of zone weakly brecciated. Most pyrite mineralized is fracture controlled
									wh														
			189.46	190.56		FEL			wh	an							ser	5	1	st			FELSITE - type case - pyrite mineralized fractures common
			190.56	190.87		FEL		lt	gy	bx							ser	5	4	bl			FELSITE - Crackle breccia with blebby pyrite mineralization (same as 188.58-189.46m interval) except 3-20% matrix and slight increase in pyrite mineralization; pyrite also coarse-grained. Clasts are rounded and zoned. Increase in milky quartz-carbonate infill
									wh														
			190.87	191.67		DD		dk	pu	an							ser	5	4	bl			DIABASE DIKE - magnetic; dark purple and medium-grained
									gy														
			191.67	194.90		FEL		lt	gy	bx							ser	5	2	di			FELSITE - Brecciated Felsite (50%) aphanitic Felsite (40%), and weakly propylitic propylitic altered Felsite (10%). Propylitic altered Felsite - chlorite and plagioclase present. Pyrite mineralized fractures throughout. Infrequent quartz-carbonate+/-pyrite (coarse-grained) infill. Quartz variably present. One prominent pyrite-chalcopyrite veinlet with 4cm of offset.

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other				Other		
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
									wh										4	bl			blebby pyrite <4%
								lt	gn	po							pro	1					
			194.90	195.28		FEL		lt	gy	bx							ser	5	2	bl			FELSITE - Vuggy breccia hosting sphalerite > pyrite > chalcopyrite mineralization in miilky quartz-carbonate infill. Druzy quartz on core end. General increase in sulphide mineralization
										vu										sph	4		
																				cp	2		
			195.28	201.70		FEL		lt	gy	an							ser	5	3	di			FELSITE - Pyrite mineralized fractures; quartz-carbonate stringers +/- pyrite mineralization present. Netted texture with minor breccia zones. General increase in quartz-carbonate infill
										bx										fx			
										vu													
			201.70	202.30		FEL		md	gn	po							pro	3					FELSITE - Propylitic altered with plagioclase-phyric with crystalline green-black matrix. No magnetism.
			202.30	218.08		FEL		lt	gy	an							ser	5	3	di			FELSITE - Dominantly crackle breccia (1-10% matrix). Matrix hosts 3-6%, locally 15-30% disseminated and blebby pyrite mineralization. Quartz-carbonate infill is common and associated with most pyrite mineralization. Three narrow zones (20-25cm) of green propylitic altered Volcanic 1 (plagioclase-phyric) occur in interval. Clast sizes range from 5-12cm and are hard to distinguish from matrix. Metre-scale zones of nonbrecciated Felsite occur throughout interval. Pyrite mineralized fractrues are common throughout. An orange/yellow mineral is locally present. Chlorite is locally present.
										bx							pro	2	30	bl			blebby pyrite <30%
										vu													
			218.08	220.08		FEL		dk	pu	po							pot	4	1	di			FELSITE - Potassic altered Felsite (alteration looks similar to Diabase Dike? From 190.87-191.67m). Alteration is magnetic; Felsite very coarse-grained; potassic alteration (wisps and streaks of Felsite in potassic alteration. Felsite (50cm) occurs in the middle of interval.
										pa													
			220.08	236.17		FEL		lt	gy	an							ser	5					FELSITE - Very similar to 202.30m - 218.08m interval except for a decrease in length and frequency of localized pyrite mineralization. Increase in pyrite stringers. Some pyrite veinlets have plagioclase-phyric envelopes (<8mm) with grey crystalling groundmass.
										bx													
										vu													
			236.17	236.95		FEL		dk	gy								pot	3					FELSITE - Potassic alteration (?)
			236.95	240.93		FEL			wh	an							ser	5	2	di			FELSITE - Type case; one zone (15cm) of intense sericite alteration
240.93	257.21					FEL		lt	gn	po							pro	2					FELSITE? - Chlorite-phyric felsite. Pyrite and mafics are absent; coarse-grained to very coarse-grained crowded chlorite (soft) is present in white crystalline matrix. No sulphide mineralization.
									wh														
257.21	317.80					FEL			wh	bx							ser	5	3	di			FELSITE - Matrix-supported Felsite breccia. Long interval of light grey to white matrix-supported breccia (40-70% matrix). Clasts (2-8cm, <12cm) are subrounded felsite. Matrix is light grey; weak, moderate, and strong disseminated pyrite mineralization in matrix (weak pyrite mineralization in clasts). Some sulphides look darker than pyrite (galena? or chalcocite?) Texture and pyrite mineralization consistent throughout interval. Metre-scale zones of elevated pyrite+/- Cu oxide abundance occur throughout interval and are distinguished by the presence of coarse-grained pyrite +/- Cu oxide, vugs and semi-massive and euhedral pyrite. Core is fairly competent. Stringers and veins are absent. Local pyrite mineralized fractures occur throughout interval. Medium-grained quartz is locally present in matrix.
								lt	gy	vu									<25	di			

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
																			<40	eu			
			275.77	286.84		FEL			wh	bx							ser	5	6	di			FELSITE BRECCIA (See 257.21m-317.80m interval description) - Increase in dissmeninated pyrite mineralization +/- Cu sulphide? Turquiose stained pits present (Cu oxide?). Zone of pyrite stringers (see secondary structure log). Disseminated chalcocite? Present with pyrite. Core is competent
								lt	gy										<10	bl			
																				cc?	3		
			286.84	295.16		FEL			wh	bx							ser	5	17	di			FELSITE BRECCIA - (See 257.21m-317.80m interval description) - Greater increase in disseminated pyrite mineralization. Pyrite disseminations are coarse-grained and mineralization is strong in the breccia matrix. Vugs with euhedral pyrite (<6mm) are common and are associated with local increases in disseminated pyrite mineralization (10-25%). Disseminated ?chalcocite? is associated with pyrite. Yellow and white quartz-carbonate (ankerite?) infill is present in several vugs. Core is competent except for one zone of soft crumbly rubble (70cm)
								lt	gy	vu									40	eu			euhedral <40%
			295.16	301.69		FEL		lt	gy	bx							ser	5	3	di			FELSITE BRECCIA - (See 257.21m-317.80m interval description) - Decrease in disseminated pyrite mineralization. A coarse-grained yellow mineral is present in most clasts. General increase in clast size (8-12 cm on average). Clasts are zoned. Local increase in pyrite mineralization around clay altered/gougey core (5cm wide)
									wh										7				
			301.69	303.30		FEL			wh	an							ser	5	2	di			FELSITE - type case with pyrite stringers. Core is competent
			303.30	315.25		FEL		lt	gy	bx							ser	5	4				FELSITE BRECCIA - (See 257.21m-317.80m interval description) - Disseminated pyrite abundance is variable (abundace increases and decreases every 60cm - 1m). Flow banding and cobble breccia are present. Yellow mineral locally present in clasts.
									wh														
			315.25	317.80		FEL			wh	an							ser	5	3	di			FELSITE - type case except matrix for increase in yellow mineral in matrix. Disseminated medium-grained pyrite; pyrite abundance decreases and becomes fine-grained close to contact.
317.80	343.15					V1		lt	gn	po							pro	2	1	di			VOLCANIC 1 (andesite) - weak to intense propylitic and potassic alteration of Volcanic 1. Patchy metre-scale alteration throughout the interval. Intense propylitic altered breccia is present. Minor zones of sericite alteration.
								md	gn	bx							pro	5					
								dk	pu	pa							pot	4					
			317.80	323.42		V1		lt	gn	po							pro	2	5	di			VOLCANIC 1 (andesite) - Weak propylitic alteration; mafics, plagioclase, and chlorite present
			323.42	327.99		V1		dk	pu	po							pot	4	5	di			VOLCANIC 1 (andesite) - Strong potassic alteration; mineralogy unidentifiable; chlorite is present on fracture surfaces. Core is magnetic
			327.99	331.13		V1		md	gn	po							pro	5	2	di			VOLCANIC 1 (andesite) - Chlorite and epidote are abundant in strong propylitic altered Volcanic 1. Pyrite stringers are common. Trace galena? veinlet occurs gougey area sericite or mineralization.
																				gn	2		
																			3	st			
			331.50	341.45		V1		dk	gn	bx							pot	5	2	di			
								dk	pu								pro	5					
																							VOLCANIC 1 (andesite) - Intermittent propylitic and potassic alteration. (60% propylitic alteration, 40% potassic alteration). Potassic altered core is magnetic.
			341.45	343.51		V1		md	gn	bx							pro	5	2	di			VOLCANIC 1 (andesite) BRECCIA - Propylitic altered polymictic breccia. Rounded and irregular shaped clasts of aphanitic and plagioclase-phyric Volcanic 1, sericite altered Volcanic 1 and minor propylitic altered Volcanic 1. No sulphide mineralization. Core is competent

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Geology Log

GENERAL INTERVAL			DETAILED INTERVAL			LITHOLOGY					ALTERATION								MINERALS				DETAILED DESCRIPTION
																	Other			Other			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Shade	Colour	Texture	Propylitic	Argillic	Phyllic	Potassic	Silic	Limonitic	Type	Intensity	Pyrite	Type	Conc. (%)	Photo	
				EOH				lt	gn														EOH @ 343.51m

n = none, t= <1%, w = 1-3%, f = 3-5%, m = 5-7%, ms = 7-10%, s = 10-15%, l = 15-20%, (write % for >20%)

Contact Log

Hole: DDH-M12-03 Logger Name: Nick Bueckert Date: August 2012

Depth (m)	DESCRIPTION
60.41	VOLCANIC 1 (PORPHYRITIC) - VOLCANIC 1 (APHANITIC)
78.33 - 78.65	VOLCANIC 1 (APHANITIC) - DIABASE DIKE - VOLCANIC 1 (APHANITIC) - 30 degrees to core axis (both contacts) - sharp lithological boundary, texture and colour change
102.54	VOLCANIC 1- FELSITE - 30 degrees to core axis - Gradational colour change from dark grey to white; contact faintly visible
151.97	FELSITE (BRECCIA) - FELSITE (BRECCIA) - 30 degrees to core axis; from cobble breccia to clast-supported breccia; grey shade change from dark to light grey; sharp change in texture
154.24,154.66	FELSITE-?INTERMEDIATE PORPHYRY DIKE? - FELSITE - 80-90 degrees to core axis; sharp colour change from white to brownish grey and back to white; colour change 'washout' or gradual/faintly visible
176.93	FELSITE-VOLCANIC 1 (PROPYLITIC ALTERED) - 60 degrees to core axis ; sharp contact; py stringers on FELSITE hanging wall; colour change from dark grey to green
180.50	VOLCANIC 1 (PROPYLITIC ALTERED) - FELSITE (BRECCIA) - 90 degrees to core axis - see log for mineralogy changes; yellow mineral (replaced chlorite or vice versa?) present for 1 m on both sides of contact
188.80	FELSITE - FELSITE (BRECCIA) - 30 degrees to core axis; change in texture only; fractures parallel to contact on hanging wall
189.46	FELSITE (BRECCIA) - FELSITE 90 degrees to core axis; jagged 'saw-tooth' shape contact
190.56	FELSITE - FELSITE (BRECCIA) - 40 degrees to core axis; 40 degrees to core axis; sharp contact; texture change distinct;
190.87	FELSITE (BRECCIA) - DIABASE DIKE - 40 degrees to core axis; sharp contact; texture change distinct - diabase dike = reason for brecciation?
191.67	DIABASE DIKE - FELSITE (BRECCIA) - 90 degrees to core axis; 'washout' colour change is gradual from very dark grey/black to light grey; 20 cm zone of breccia then felsite with 40 degree to core axis pyrite mineralized sheeted fractures
218.08	FELSITE - FELSITE (POTASSIC ALTERED) - finger-like whisps of felsite into potassic alteration; stringers in potassic alteration are 40-65 degrees to core axis and ?related to contact orientation?
220.08	FELSITE (POTASSIC ALTERED) - FELSITE - 20 degrees to core axis; sharp, irregular contact; colour change from dark
240.93	FELSITE - FELSITE (PROPYLITIC ALTERED) - 90 degrees to core axis; faint colour change from white to green white; chlorite present in both units (in felsite for 30 cm away from contact)
257.21	FELSITE (PROPYLITIC) - FELSITE (BRECCIA) - 15 degrees to core axis - sharp contact; propylitic alteration is bleached white for 20 cm; 4 cm 'quenched' margin between lithologies; footwall is grey breccia
301.69	FELSITE (BRECCIA) - FELSITE (APHANITIC) - 55 degrees to core axis - sharp undulatory contact; colour change from light grey to white
303.30	FELSITE (APHANITIC) - FELSITE (BRECCIA) - 40 degrees to core axis - sharp, planar contact; no colour change (whites throughout); texture change from aphanitic to brecciated; very strong pyrite mineralization (coarse-grained disseminated) in footwall at contact
315.25	FELSITE (BRECCIA) - FELSITE (APHANITIC) - 20 degrees to core axis - gougey along planar surface; no colour change; texture change from brecciated to aphanitic

Contact Log

Depth (m)	DESCRIPTION
317.80 - 318.13	FELSITE (APHANITIC) - VOLCANIC 1 (PROPYLITIC) - 0 degrees to core axis - undulatory contact; extends down core axis for 33 cm; pyrite stringers parallel to contact; colour change from white to dark grey with medium-grained plagioclase
323.42	VOLCANIC 1 (PROPYLITIC ALTERED - VOLCANIC 1 (POTASSIC ALTERED) 35 degrees to core axis - sharp contact, colour change from green to dark purple

Secondary Structure Log

Hole: DDH-M12-03 **Logger Name:** Nick Bueckert **Date:** August 2012

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS Type	MINERALS Conc. (%)	DESCRIPTION	Photo
	11.78	14.32			10			Stockwork soft white veinlets (gypsum? Anhydrite?)	
VN	12.19	12.38	20		1	gn	40	?Gypsum/anhydrite?? Vein (white, soft, non-reactive, radial habit) hosting soft, cubic, blue sulphide - gn? - blebby to semi-massive and coarse-grained pyrite	x
						py	3		
GG	15.54	15.81	14			py	10	Gouge zone - core bleached and brown colour with coarse-grained disseminated pyrite throughout + blebby pyrite <10%	
FX	18.04	20.28	25		15	Li	1	Stockwork fractures 25-35 degree to core axis are dominant. Limonite stained	
			55		5				
GG	27.15	30.71						Oxidized gouge - fault? Core approximately competent; could be clay altered or strongly sericitized Volcanic 1	
VT	46.27	50.10	25		15	py		Limonite+/-pyrite stringers and veinlets; stockwork; local increase in pyrite and increase in veinlet density; grain size increase to coarse-grained	
			45		6	py			
ST	50.10	57.23	20		49	Li		Stockwork limonite stringers - no visible mineralization range from 20 to 45 degrees to core axis (7/m)	
ST	50.10	57.23	45					Stockwork limonite stringers - no visible mineralization range from 20 to 45 degrees to core axis	
	86.76	86.89	2		1	gn	30	Galena? With calcite veinlet	
	104.45	104.70	20		1	py	15	Gougey pyrite + galena? Veinlet 0.8cm	
						gn	3		
VT	130.75	135.91	50		10	py		Pyrite mineralized sheeted fractures - discontinuous pyrite mineralization; white stringers 0-10 degrees to core axis with white selvages	
ST/FX			25						
VT	135.91	139.44	50		2	PY		Pyrite veinlets and discontinuous pyrite mineralized fractures (8/m)	
					24	py			
ST	153.33	153.43	40		3	py		Sheeted pyrite stringers	
VN	162.02	162.23	30		1	py	20	Pyrite + galena? Semi-massive in 1cm milky carbonate	
						gn	5		
ST/FX	172.08	173.47	8		2	py		Pyrite mineralized fractures (stockwork)	
			40		12	py			
VT	187.09	187.25	5		2	py	1	Two sheeted, weakly pyrite mineralized veinlets with stockwork stringers; 2cm between veinlets is weak propylitic alteration	
ST/FX	188.58	188.80	30		10	py	2	Discontinuouse pyrite mineralized fractures parallel to felsite-felsite breccia contact	
ST/FX	189.46	190.56	45		9			Discontinuouse pyrite mineralized fractures parallel to felsite-felsite breccia contact	
			25		2				
VT	193.13	193.29	15		1	py	98	Massive pyrite-chalcopyrite veinlet; 4 cm offset by pyrite stringer at 70 degrees to core axis	
						cp	2		
ST/FX	195.28	201.70	2		10	py	2	Discontinuous pyrite mineralized fractures	

Secondary Structure Log

2° Structure Type	From (m)	To (m)	Attitude (TCA)	Attitude (TRFE)	Count	MINERALS		DESCRIPTION	Photo
						Type	Conc. (%)		
			65		30				
VN?	223.02	223.20	40		1	py	30	Pyrite (<30%) mineralized breccia with quartz-carbonate infill (breccia is two zones - 2 cm and 5 cm thick)	
VT	223.47	223.51	60		2	py	100	Two sheeted pyrite veinlets	
ST/VT	280.70	281.76	65		18	py	3	Zone of 60-70 degrees to core axis; pyrite stringers and veinlets cross-cut breccia	
ST	301.69	303.30	57		15	py	2	Approximately sheeted pyrite stringers with one or two at low angle to core axis	
					2	py	2		
ST/VT	330.10	331.13	55		6	py	1	Pyrite stringers and veinlets < 3mm and 1 chalcocite? Veinlet (3mm) in gougey core	
					1	cc	2		

Sample Log

Hole: DDH-M12-03 **Date: August 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
11.78	12.78	1.00	1.00	100	M677240	8				Casing (advanced) 0-30.48m, coring @ 11.78m
12.78	14.32	1.54	1.48	96.1	M677241	8				
14.32	15.56	1.24	1.24	100	M677242	8				
15.56	18.04	2.48	2.44	98.4	M677243	8				
18.04	20.28	2.24	2.04	91.1	M677244	8				
20.28	21.51	1.23	1.22	99.2	M677245	8				
					M677246	8				STANDARD ML-4
21.51	23.46	1.95	1.95	100	M677247	8				
23.46	24.80	1.34	1.26	94	M677248	8				
24.80	27.10	2.30	2.21	96.1	M677249	8				
					M677250	8				BLANK
27.10	29.77	2.67	1.20	44.9	M677251	8				rock fractured - very poor recovery
29.77	32.61	2.84	1.89	66.5	M677252	8				rock fractured - very poor recovery
32.61	35.30	2.69	1.70	63.2	M677253	8				rock fractured - very poor recovery
35.30	36.58	1.28	1.10	85.9	M677254	8				
					M677255	8				STANDARD ML-2
36.58	38.70	2.12	1.83	86.3	M677256	8				
38.70	40.29	1.59	1.39	87.4	M677257	8				
40.29	42.19	1.90	1.67	87.9	M677258	8				
42.19	44.10	1.91	1.78	93.2	M677259	8				
44.10	46.29	2.19	2.13	97.3	M677260	8				
46.29	48.50	2.21	2.21	100	M677261	8				
					M677262	8				DUPLICATE
48.50	50.89	2.39	2.39	100	M677263	8				
50.89	53.94	3.05	2.96	97	M677264	8				
53.94	56.99	3.05	3.05	100	M677265	8				
56.99	58.95	1.96	1.01	51.5	M677266	8				core oxidized, rubbley - poor recovery
58.95	61.07	2.12	2.12	100	M677267	8				
					M677268	8				COARSE REJECT DUPLICATE
61.07	63.09	2.02	2.02	100	M677269	8				
63.09	66.14	3.05	2.93	96.1	M677270	8				
66.14	69.18	3.04	2.96	97.4	M677271	8				
69.18	72.23	3.05	3.00	98.4	M677272	8				
					M677273	8				BLANK
72.23	75.28	3.05	3.05	100	M677274	8				
75.28	78.33	3.05	2.76	90.5	M677275	8				
78.33	81.38	3.05	2.68	87.9	M677276	8				
81.38	84.42	3.04	2.85	93.7	M677277	8				
84.42	87.47	3.05	3.00	98.4	M677278	9				
87.47	88.47	1.00	1.00	100	M677279	9				
88.47	90.52	2.05	1.93	94.1	M677280	9				
90.52	93.57	3.05	3.05	100	M677281	9				
93.57	96.62	3.05	3.05	100	M677282	9				

Sample Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
					M677283	9				COARSE REJECT DUPLICATE
96.62	99.66	3.04	2.80	92.1	M677284	9				
99.66	102.71	3.05	3.02	99	M677285	9				
102.71	104.17	1.46	1.46	100	M677286	9				
104.17	106.70	2.53	2.53	100	M677287	9				
					M677288	9				STANDARD ML-2
106.70	108.81	2.11	2.00	94.8	M677289	9				
108.81	111.86	3.05	2.93	96.1	M677290	9				
111.86	114.90	3.04	2.95	97	M677291	9				
114.90	116.81	1.91	1.83	95.8	M677292	9				
					M677293	9				DUPLICATE
116.81	119.81	3.00	3.00	100	M677294	9				
119.81	121.71	1.90	1.83	96.3	M677295	9				
121.71	124.31	2.60	2.39	91.9	M677296	9				
124.31	126.06	1.75	1.72	98.3	M677297	9				
126.06	128.22	2.16	2.16	100	M677298	9				
					M677299	9				BLANK
128.22	130.75	2.53	2.50	98.8	M677300	9				
130.75	133.82	3.07	3.00	97.7	M677301	9				
133.82	135.91	2.09	2.08	99.5	M677302	9				
135.91	136.92	1.01	1.00	99	M677303	9				20 cm dike
					M677304	9				STANDARD ML-2
136.92	139.44	2.52	2.52	100	M677305	9				
139.44	140.44	1.00	1.00	100	M677306	9				
140.44	142.10	1.66	1.65	99.4	M677307	9				Includes 30 cm dike
					M677308	9				BLANK
142.10	143.10	1.00	1.00	100	M677309	9				
143.10	145.38	2.28	2.28	100	M677310	9				
145.38	147.55	2.17	2.16	99.5	M677311	9				
147.55	150.04	2.49	2.28	91.6	M677312	10				
150.04	152.31	2.27	2.20	96.9	M677313	10				
152.31	154.53	2.22	2.22	100	M677314	10				
154.53	155.76	1.23	1.23	100	M677315	10				
155.76	158.30	2.54	2.52	99.2	M677316	10				
					M677317	10				STANDARD ML-4
158.30	159.40	1.10	1.10	100	M677318	10				
159.40	160.91	1.51	1.51	100	M677319	10				
160.91	162.03	1.12	1.12	100	M677320	10				
162.03	164.03	2.00	2.00	100	M677321	10				
					M677322	10				COARSE REJECT DUPLICATE
164.03	166.53	2.50	2.50	100	M677323	10				
166.53	168.38	1.85	1.83	98.9	M677324	10				
168.38	171.14	2.76	2.76	100	M677325	10				
171.14	172.14	1.00	1.00	100	M677326	10				
					M677327	10				BLANK
172.14	173.70	1.56	1.54	98.7	M677328	10				
173.70	174.75	1.05	1.00	95.2	M677329	10				
174.75	175.87	1.12	1.12	100	M677330	10				
175.87	176.93	1.06	1.05	99.1	M677331	10				

Sample Log

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample Number	Batch	Au (g/t)	Ag (g/t)	As (ppm)	Comments
176.93	178.52	1.59	1.59	100	M677332	10				
					M677333	10				DUPLICATE
178.52	180.60	2.08	2.00	96.2	M677334	10				
180.60	182.16	1.56	1.53	98.1	M677335	10				
182.16	183.88	1.72	1.72	100	M677336	10				
183.88	184.88	1.00	1.00	100	M677337	10				
184.88	185.90	1.02	1.00	98	M677338	10				
					M677339	10				STANDARD ML-2
185.90	188.21	2.31	2.31	100	M677340	10				
188.21	189.46	1.25	1.25	100	M677341	10				
189.46	190.85	1.39	1.25	89.9	M677342	10				
					M677343	10				BLANK
190.85	191.85	1.00	1.00	100	M677344	10				
191.85	193.31	1.46	1.46	100	M677345	10				
193.31	194.37	1.06	1.06	100	M677346	10				
194.37	195.92	1.55	1.55	100	M677347	10				
195.92	197.20	1.28	1.28	100	M677348	11				
197.20	198.52	1.32	1.32	100	M677349	11				
198.52	200.25	1.73	1.73	100	M677350	11				
200.25	202.00	1.75	1.75	100	M677351	11				
					M677352	11				STD ML-4
202.00	203.49	1.49	1.49	100	M677353	11				
203.49	206.34	2.85	2.85	100	M677354	11				
206.34	207.34	1.00	1.00	100	M677355	11				
207.34	209.39	2.05	2.05	100	M677356	11				
					M677357	11				COARSE REJECT DUPLICATE
209.39	211.85	2.46	2.46	100	M677358	11				

Density Log

Hole: DDH-M12-03 **Date:** August 2012

From (m)	Length (cm)	Diameter (cm)	Weight in Air (g)	Weight in Water (g)	Rock Type	Texture	Alteration		Minerals		Density	Specific Gravity	DESCRIPTION
							Type	Intensity	Type	Conc. %			
			2001.5	1739.8	STD							7.64807	Standard - 2kg weight
16.35	10.05	5.03	523.5	324.0	CBX	BX	SER	3	PY	3	2.621349	2.62406	Weathered Clast-supported breccia with pyrite in Volcanic 1 clasts
25.34	9.27	5.04	464.9	280.6	V1	BX	PRO	1	PY	1	2.513789	2.522518	Weak propylitic altered Volcanic 1 breccia; trace disseminated pyrite throughout
63.00	10.05	4.97	502.2	306.8	V1	PO	PRO	2	PY	2	2.575775	2.570113	Volcanic 1? Felsite dike hosting trace disseminated pyrite
92.56	8.33	5.04	457.6	285.2	V1	PO	PRO	2			2.753532	2.654292	Weak-moderate propylitic altered Volcanic 1 - type case
103.70	9.40	5.03	483.3	299.9	FEL	AN	SER?	5	PY	2	2.587397	2.635224	Strongly sericite altered felsic dike; trace disseminated pyrite throughout - type case
118.10	9.70	5.03	503.0	388.9	FEL	BX	SER?	5	PY	3	2.609579	4.408414	Strongly sericite altered brecciated felsic dike; trace disseminated pyrite throughout
154.15	9.90	5.03	515.4	325.7	FEL	BX	SER?	5	PY	3	2.619892	2.716921	Brecciated Felsite
154.50	9.40	5.00	497.3	387.0	IPD	PO					2.694392	4.508613	Intermediate Porphyry Dike
177.73	10.10	5.00	493.7	296.6	V1?	PO	PRO	2	PY	5	2.489498	2.50482	Propylitic altered Volcanic 1; weak disseminated pyrite throughout
212.10	10.01	5.00	513.9	318.4	FEL	BX	SER?	5	PY	2	2.614657	2.628645	Strongly sericite altered brecciated Felsite; trace disseminated pyrite throughout
238.10	9.80	5.00	482.1	368.7	FEL	AN	PRO	2	PY	1	2.505424	4.251323	Felsite - type case
250.10	9.70	5.00	508.2	316.3	FEL	PO	SER?	5			2.66829	2.648254	Propylitic altered Felsite
257.50	9.40	5.05	485.5	299.0	FEL	BX	SER?	5	PY	4	2.578628	2.603217	Blebby pyrite mineralization in Felsite Breccia
			2002.0	1739.7	STD							7.632229	Standard - 2kg weight
286.44	9.82	5.03	480.1	364.8	FEL	BX	SER?	5	PY	5	2.460336	4.16392	Felsite breccia with disseminated pyrite
316.74	9.18	5.01	463.7	282.6	FEL	BX	SER?	5	PY	3	2.562295	2.560464	Felsite breccia with disseminated pyrite
320.60	10.34	5.01	523.5	325.3	V1	PO	PRO	2			2.568212	2.641271	Volcanic 1 - weak propylitic alteration
342.74	10.75	5.01	575.5	364.7	V1	BX	PRO	5	PY	1	2.715636	2.730076	Volcanic 1 - breccia with strong to intense propylitic alteration

Geotechnical Log

Hole: DDH-M12-03 **Tech Name: Liz Bueckert** **Date: July 10thth 2012**

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Strength	Joint Sets				DESCRIPTION
								Freq (/m)	Attitude (tca)	Shape	Roughness	
14.32	17.37	3.05	2.95	96.7	2.29	77.6	3s	0.21	50	1	2	1-2
17.37	20.41	3.04	2.50	82.2	1.66	66.4	3s	0.17	55	3	2	
20.41	23.46	3.05	2.91	95.4	2.56	88.0	3s	0.17	60	1	2	
23.46	26.51	3.05	2.79	91.5	1.95	69.9	3s	0.20	60	1	2	
26.51	29.56	3.05	1.50	49.2	1.26	84.0	1s	0.43	60	2	3	1s/3s
29.56	32.61	3.05	1.64	53.8	0.44	26.8	3s	0.33	n/a			a lot of irregular shaped rubble. Could not find an average attitude
32.61	35.66	3.05	2.44	80.0	0.77	31.6	3s	0.30	55	1	1	
35.66	38.70	3.04	2.33	76.6	1.49	63.9	1s	0.25	55	2	2	1s/3s
38.70	41.75	3.05	2.30	75.4	1.15	50.0	3s	0.23	60	2	2	
41.75	44.80	3.05	2.88	94.4	1.15	39.9	3s	0.20	50	1	2	1-2
44.80	47.84	3.04	2.80	92.1	1.50	53.6	3S	0.23	55	1	1	
47.84	50.89	3.05	2.95	96.7	1.71	58.0	3s	0.19	55	1	1	
50.89	53.94	3.05	2.71	88.9	1.91	70.5	3s	0.23	55	1	1	
53.94	56.99	3.05	2.85	93.4	1.74	61.1	3s	0.17	60	1	2	1-2
56.99	60.04	3.05	1.90	62.3	1.25	65.8	3s	0.40	70	2	2	rubble
60.04	63.09	3.05	3.01	98.7	2.65	88.0	3s	0.27	55	1	1	
63.09	66.14	3.05	2.83	92.8	2.43	85.9	3s	0.30	55	1	1	
66.14	69.18	3.04	2.85	93.7	1.83	64.2	3s	0.20	55	1	1	
69.18	72.23	3.05	2.91	95.4	1.80	61.9	3s	0.30	60	1	1	
72.23	75.28	3.05	2.96	97.0	2.64	89.2	3s	0.23	55	1	1	
75.28	78.33	3.05	2.80	91.8	0.95	33.9	3s	0.19	55	1	1	a lot of rubble
78.33	81.38	3.05	2.89	94.8	0.98	33.9	3s	0.29	55	1	1	
81.38	84.42	3.04	2.94	96.7	1.55	52.7	3s	0.33	55	1	1	a lot of rubble
84.42	87.47	3.05	2.97	97.4	2.18	73.4	3s	0.21	55	1	1	
87.47	90.52	3.05	2.66	87.2	2.67	100.4	3s	0.27	50	1	1	
90.52	93.57	3.05	3.00	98.4	2.42	80.7	3s	0.25	60	1	1	
93.57	96.62	3.05	2.89	94.8	1.98	68.5	3s	0.20	55	1	1	
96.62	99.66	3.04	2.47	81.3	1.90	76.9	3s	0.38	55	1	1	
99.66	102.71	3.05	3.00	98.4	1.57	52.3	3s	0.18	55	1	1	
102.71	105.76	3.05	2.81	92.1	2.15	76.5	3s	0.23	55	1	1	rubble
105.76	108.81	3.05	2.98	97.7	2.13	71.5	3s	0.27	50	2	1	1-2

Geotechnical Log

108.81	111.86	3.05	2.90	95.1	1.80	62.1	3s	0.30	50	2	1	1-2
111.86	114.90	3.04	2.89	95.1	1.80	62.3	3s	0.25	45	1	1	
114.90	117.95	3.05	2.95	96.7	2.09	70.8	3s	0.27	55	1	1	
117.95	121.00	3.05	2.85	93.4	2.14	75.1	3s	0.43	55	1	1	
121.00	124.05	3.05	2.80	91.8	1.49	53.2	3s	0.33	55	1	1	
124.05	127.10	3.05	2.82	92.5	1.89	67.0	3s	0.21	60	1	1	
127.10	130.14	3.04	2.97	97.7	1.95	65.7	3s	0.33	60	2	1	
130.14	133.19	3.05	2.71	88.9	2.39	88.2	3s	0.30	60	2	1	
133.19	136.24	3.05	2.92	95.7	2.87	98.3	3s	0.38	60	1	1	
136.24	139.29	3.05	2.99	98.0	2.30	76.9	3s	0.27	55	2	1	
139.29	142.33	3.04	2.97	97.7	2.17	73.1	3s	0.21	55	2	1	
142.33	145.38	3.05	3.00	98.4	2.57	85.7	3s	0.30	55	1	1	
145.38	148.44	3.06	2.95	96.3	2.45	83.1	1s	0.19	60	1	2	a lot of clay and mud. "reamed down" noted by drillers on marker blocks.
148.44	151.48	3.04	2.79	91.8	2.55	91.4	3s	0.30	60	2	1	joint breaks are more "irregular" than "undulating"
151.48	154.53	3.05	2.94	96.4	1.65	56.1	3s	0.43	50	2	1	joint breaks are more "irregular" than "undulating"
154.53	157.58	3.05	2.95	96.7	2.86	96.9	3s	0.51	60	2	1	joint breaks are more "irregular" than "undulating"
157.58	160.62	3.04	2.96	97.4	2.52	85.1	3s	0.43	55	2	1	joint breaks are more "irregular" than "undulating"
160.62	163.67	3.05	2.98	97.7	2.62	87.9	3s	0.43	55	2	1	joint breaks are more "irregular" than "undulating"
163.67	166.72	3.05	2.95	96.7	2.62	88.8	3s	0.61	60	2	1	joint breaks are more "irregular" than "undulating"
166.72	169.77	3.05	2.85	93.4	2.02	70.9	3s	0.43	55	2	1	joint breaks are more "irregular" than "undulating"
169.77	172.82	3.05	2.97	97.4	2.57	86.5	3s	0.38	60	2	1	joint breaks are more "irregular" than "undulating"
172.82	175.87	3.05	2.95	96.7	2.47	83.7	3s	0.50	60	2	1	joint breaks are more "irregular" than "undulating"
175.87	178.91	3.04	2.98	98.0	2.41	80.9	3s	0.38	60	1	1	joint breaks are more "irregular" than "undulating"
178.91	181.96	3.05	2.84	93.1	2.47	87.0	3s	0.43	60	2	1	joint breaks are more "irregular" than "undulating"
181.96	185.01	3.05	2.93	96.1	2.75	93.9	3s	0.61	60	2	1	joint breaks are more "irregular" than "undulating"
185.01	188.06	3.05	2.97	97.4	2.74	92.3	3s	0.58	60	2	1	joint breaks are more "irregular" than "undulating"

Geotechnical Log

188.06	191.10	3.04	2.89	95.1	2.60	90.0	3s	0.43	60	2	1	joint breaks are more "irregular" than "undulating"
191.10	194.15	3.05	3.02	99.0	2.67	88.4	3s	0.61	65	2	1	joint breaks are more "irregular" than "undulating"
194.15	197.20	3.05	3.02	99.0	2.82	93.4	3s	0.51	60	2	1	joint breaks are more "irregular" than "undulating"
197.20	200.25	3.05	2.99	98.0	2.72	91.0	3s	0.61	60	2	1	joint breaks are more "irregular" than "undulating"
200.25	203.30	3.05	2.97	97.4	2.54	85.5	3s	0.61	65	3	1	joint breaks are more "irregular" than "undulating"
203.30	206.34	3.04	2.98	93.4	2.65	93.3	3s	0.61	65	2	1	joint breaks are more "irregular" than "undulating"
206.34	209.39	3.05	2.84	94.4	2.86	99.3	3s	0.59	60	3	1	joint breaks are more "irregular" than "undulating"
209.39	212.44	3.05	2.88	94.4	2.47	85.8	3s	0.43	50	2	1	joint breaks are more "irregular" than "undulating"
212.44	215.49	3.05	2.88	96.7	2.74	92.9	3s	0.76	65	2	1	joint breaks are more "irregular" than "undulating"
215.49	218.54	3.05	2.95	90.2	2.77	100.7	3s	0.51	65	2	1	joint breaks are more "irregular" than "undulating"
218.54	221.58	3.04	2.75	87.5	2.56	96.2	3s	0.50	60	2	1	joint breaks are more "irregular" than "undulating"
221.58	224.63	3.05	2.66	93.8	2.46	86.0	3s	0.61	65	2	1	joint breaks are more "irregular" than "undulating"
224.63	227.68	3.05	2.86	87.2	2.78	104.5	3s	0.76	65	2	1	joint breaks are more "irregular" than "undulating"
227.68	230.73	3.05	2.66	90.8	2.14	77.3	3s	0.43	60	2	1	joint breaks are more "irregular" than "undulating"
230.73	233.78	3.05	2.77	90.8	2.10	75.8	3s	0.30	60	2	1	joint breaks are more "irregular" than "undulating"
233.78	236.82	3.04	2.73	89.8	2.50	91.6	3s	0.55	60	2	1	joint breaks are more "irregular" than "undulating"
236.82	239.87	3.05	2.87	94.1	2.50	87.1	3s	0.51	55	2	1	joint breaks are more "irregular" than "undulating"
239.87	242.92	3.05	2.73	89.5	1.67	61.2	3s	0.43	60	2	1	joint breaks are more "irregular" than "undulating"
242.92	245.97	3.05	2.91	95.4	2.48	85.2	3s	0.51	50	2	1	joint breaks are more "irregular" than "undulating"
245.97	249.02	3.05	2.72	89.2	2.00	73.5	3s	0.38	50	2	1	joint breaks are more "irregular" than "undulating"

Geotechnical Log

249.02	252.06	3.04	2.92	96.1	2.67	91.4	3s	0.33	50	2	1	joint breaks are more "irregular" than "undulating"
252.06	255.11	3.05	2.73	89.5	2.47	90.5	3s	0.43	50	2	1	joint breaks are more "irregular" than "undulating"
255.11	258.16	3.05	2.99	98.0	1.86	62.2	3s	0.33	55	2	1	joint breaks are more "irregular" than "undulating"
258.16	261.21	3.05	2.70	88.5	2.15	79.6	3s	0.43	50	2	1	joint breaks are more "irregular" than "undulating"
261.21	264.26	3.05	2.90	95.1	2.15	74.1	3s	0.33	60	2	1	joint breaks are more "irregular" than "undulating"
264.26	267.26	3.00	2.38	79.3	1.86	78.2	3s	0.43	60	2	1	joint breaks are more "irregular" than "undulating"
267.31	270.36	3.05	2.92	95.7	2.62	89.7	3s	0.33	60	2	1	joint breaks are more "irregular" than "undulating"
270.36	273.41	3.05	2.83	92.8	2.30	81.3	3s	0.27	50	2	1	joint breaks are more "irregular" than "undulating"
273.41	276.46	3.05	2.77	90.8	1.77	63.9	3s	0.30	50	2	1	joint breaks are more "irregular" than "undulating"
276.46	279.50	3.04	2.67	87.8	0.86	32.2	3s	0.23	60	2	1	rubble section - joint breaks are more "irregular" than "undulating"
279.50	282.55	3.05	2.72	89.2	1.82	66.9	3s	0.49	60	1	1	
282.55	285.60	3.05	2.81	92.1	2.67	95.0	3s	0.61	60	1	1	
285.60	288.64	3.04	2.95	97.0	2.32	78.6	3s	0.30	60	1	1	
288.64	291.64	3.00	2.64	88.0	2.01	76.1	3s	0.43	60	2	2	irregular
291.69	294.74	3.05	2.96	97.0	2.36	79.7	3s	0.30	60	2	2	irregular
294.74	297.79	3.05	3.02	99.0	2.71	89.7	3s	0.61	60	1	1	
297.79	300.84	3.05	2.92	95.7	2.67	91.4	3s	0.43	60	1	1	
300.84	303.89	3.05	2.83	92.8	2.09	73.9	3s	0.30	60	1	1	
303.89	306.93	3.04	2.87	94.4	1.93	67.2	3s	0.43	60	2	1	irregular
306.93	309.98	3.05	2.90	95.1	2.71	93.4	3s	0.33	60	1	1	
309.98	313.03	3.05	2.93	96.1	2.80	95.6	3s	0.51	60	2	1	irregular
313.03	316.08	3.05	2.80	91.8	2.05	73.2	3s	0.43	60	1	1	
316.08	319.13	3.05	2.80	91.8	2.35	83.9	3s	0.38	60	1	1	
319.13	322.18	3.05	2.90	95.1	2.25	77.6	3s	0.43	60	2	1	irregular
322.18	325.23	3.05	2.70	88.5	2.37	87.8	3s	0.43	60	2	1	
325.23	328.27	3.04	2.99	98.4	1.98	66.2	3s	0.38	60	2	1	irregular
328.27	331.32	3.05	2.77	90.8	1.76	63.5	3s	0.33	60	2	1	rubble sections
331.32	334.37	3.05	2.82	92.5	1.50	53.2	3s	0.61	60	2	1	rubble sections
334.37	337.42	3.05	2.89	94.8	2.82	97.6	3s	1.01	60	2	1	
337.42	340.47	3.05	2.96	97.0	2.83	95.6	3s	3.05	60	2	1	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
12.00	0.232	
13.00	0.150	
14.00	0.269	
15.00	0.595	
16.00	0.356	
17.00	0.319	
18.00	0.208	
19.00	0.368	
20.00	0.097	
21.00	0.266	
22.00	0.167	
23.00	0.209	
24.00	0.305	
25.00	0.115	
26.00	0.124	
27.00		no recovery
28.00		no recovery
29.00	0.173	
30.00	0.695	
31.00	0.036	
32.00	0.175	
33.00	0.220	
34.00	0.583	
35.00	0.167	
36.00	0.180	
37.00	0.216	
38.00	0.261	
39.00	0.139	
40.00	0.172	
41.00	0.315	
42.00	0.419	
43.00	0.549	
44.00	0.481	
45.00	0.458	
46.00	0.452	
47.00	0.298	
48.00	0.302	
49.00	0.405	
50.00	0.509	
51.00	3.156	
52.00	0.321	
53.00	0.388	
54.00	0.556	
55.00	1.225	
56.00	0.388	
58.00	0.431	
59.00	0.666	
60.00	0.547	
61.00	0.334	
62.00	0.383	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
63.00	0.265	
64.00	0.285	
65.00	0.430	
66.00	0.166	
67.00	0.193	
68.00	0.288	
69.00	0.477	
70.00	0.281	
71.00	0.366	
72.00	0.341	
73.00	0.584	
74.00	0.280	
75.00	0.318	
76.00	0.365	
77.00	0.467	
78.00	0.247	
79.00	0.189	
80.00	0.223	
81.00	0.219	
82.00	0.174	
83.00	0.270	
84.00	0.251	
85.00	0.669	
86.00	0.295	
87.00	0.137	
88.00	0.198	
89.00	0.343	
90.00	0.438	
91.00	0.212	
92.00	0.215	
93.00	0.319	
94.00	0.280	
95.00	0.256	
96.00	0.148	
97.00	0.446	
98.00	0.158	
99.00	0.437	
100.00	0.233	
101.00	0.137	
102.00	0.359	
103.00	0.152	
104.00	0.155	
105.00	0.088	
106.00	0.144	
107.00	0.041	
108.00	0.148	
109.00	0.446	
110.00	0.158	
111.00	0.040	
112.00	0.390	
113.00	0.545	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
114.00	0.180	
115.00	0.314	
116.00	0.119	
117.00	0.383	
118.00	0.180	
119.00	0.180	
120.00	0.248	
121.00	0.129	
122.00	0.179	
123.00	0.189	
124.00	0.383	
125.00	0.201	
126.00	0.054	
127.00	0.169	
128.00	0.469	
129.00	0.311	
130.00	0.424	
131.00	0.213	
132.00	0.268	
133.00	0.122	
134.00	0.277	
135.00	0.184	
136.00	0.816	
137.00	0.129	
138.00	0.338	
139.00	0.202	
140.00	0.182	
141.00	0.341	
142.00	0.177	
143.00	0.104	
144.00	0.047	
145.00	0.311	
146.00	0.285	
147.00	0.455	
148.00	0.060	
149.00	1.851	
150.00	0.046	
151.00	0.121	
152.00	0.272	
153.00	0.632	
154.00	0.439	
155.00	0.332	
156.00	0.321	
157.00	0.199	
158.00	0.109	
159.00	0.116	
160.00	0.448	
161.00	0.313	
162.00	0.300	
163.00	0.380	
164.00	0.140	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
165.00	0.121	
166.00	0.182	
167.00	0.169	
168.00	0.213	
169.00	0.122	
170.00	0.129	
171.00	0.109	
172.00	0.121	
173.00	0.182	
174.00	0.124	
175.00	0.182	
176.00	0.201	
177.00	0.198	
178.00	0.274	
179.00	0.122	
180.00	0.68	
181.00	0.138	
182.00	0.343	
183.00	0.442	
184.00	0.142	
185.00	0.131	
186.00	0.428	
187.00	0.552	
188.00	0.101	
189.00	0.155	
190.00	0.442	
191.00	0.425	
192.00	0.186	
193.00	1.787	
194.00	0.333	
195.00	0.108	
196.00	0.19	
197.00	0.264	
198.00	0.216	
199.00	0.06	
200.00	0.033	
201.00	0.167	
202.00	0.415	
203.00	0.137	
204.00	0.277	
205.00	0.193	
206.00	0.292	
207.00	0.378	
208.00	0.184	
209.00	0.394	
210.00	0.251	
211.00	0.192	
212.00	0.17	
213.00	0.173	
214.00	0.255	
215.00	0.109	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
216.00	0.224	
217.00	0.189	
218.00	0.184	
219.00	0.201	
220.00	0.124	
221.00	0.305	
222.00	0.149	
223.00	0.27	
224.00	0.408	
225.00	0.284	
226.00	0.149	
227.00	0.203	
228.00	0.291	
229.00	0.22	
230.00	0.887	
231.00	0.11	
232.00	0.155	
233.00	0.154	
234.00	0.051	
235.00	0.152	
236.00	0.535	
237.00	0.567	
238.00	0.348	
239.00	0.098	
240.00	0.244	
241.00	0.134	
242.00	0.217	
243.00	0.205	
244.00	0.22	
245.00	0.152	
246.00	0.147	
247.00	0.111	
248.00	0.176	
249.00	0.152	
250.00	0.397	
251.00	0.414	
252.00	0.19	
253.00	0.771	
254.00	0.116	
255.00	0.229	
256.00	0.28	
257.00	0.883	
258.00	0.274	
259.00	0.189	
260.00	0.127	
261.00	0.24	
262.00	0.094	
263.00	0.421	
264.00	0.171	
265.00	0.102	
266.00	0.079	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
267.00	0.108	
268.00	0.038	
269.00	0.074	
270.00	0.05	
271.00	0.297	
272.00	0.051	
273.00	0.129	
274.00	0.144	
275.00	0.06	
276.00	0.051	
277.00	0.044	
278.00	0.088	
279.00	0.118	
280.00	0.124	
281.00	0.165	
282.00	0.451	
283.00	0.438	
284.00	0.12	
285.00	0.049	
286.00	0.06	
287.00	0.477	
288.00	0.169	
289.00	0.049	
290.00	0.297	
291.00	0.069	
292.00	1.026	
293.00	0.195	
294.00	1.244	
295.00	0.478	
296.00	0.077	
297.00	0.028	
298.00	0.181	
299.00	0.331	
300.00	0.125	
301.00	0.271	
302.00	0.244	
303.00	0.251	
304.00	0.391	
305.00	0.035	
306.00	0.133	
307.00	0.121	
308.00	0.107	
309.00	0.376	
310.00	0.022	
311.00	0.107	
312.00	0.052	
313.00	0.1	
314.00	0.133	
315.00	0.166	
316.00	0.383	
317.00	0.05	

Magnetic Susceptibility Log

Depth (m)	Magnetic Susceptiblity	DESCRIPTION
318.00	0.197	
319.00	0.075	
320.00	0.499	
321.00	0.244	
322.00	0.158	
323.00	0.259	
324.00	0.144	
325.00	11.97	
326.00	0.544	
327.00	6.23	
328.00	11.76	
329.00	0.439	
330.00	0.225	
331.00	0.602	
332.00	0.464	
333.00	0.451	
334.00	1.105	
335.00	14.45	
336.00	0.573	
337.00	5.322	
338.00	0.428	
339.00	0.697	
340.00	0.801	
341.00	1.203	
342.00	0.409	
343.00	0.667	EOH

Box Log

Hole: DDH-M12-03 Date: July

Box #	From (m)	To (m)
1	11.78	17.27
2	17.27	22.58
3	22.58	29.16
4	29.16	35.66
5	35.66	41.43
6	41.43	46.53
7	46.53	51.77
8	51.77	57.11
9	57.11	63.33
10	63.33	68.97
11	68.97	74.44
12	74.44	79.01
13	79.01	84.42
14	84.42	90.15
15	90.15	95.69
16	95.69	100.98
17	100.98	106.44
18	106.44	112.80
19	112.80	119.75
20	119.75	123.39
21	123.39	128.88
22	128.88	134.49
23	134.49	140.13
24	140.13	145.88
25	145.88	149.56
26	149.56	155.40
27	155.40	161.24
28	161.24	161.24
29	167.05	172.60
30	172.60	178.20
31	178.20	184.89
32	184.89	190.60
33	190.60	194.14
34	194.14	201.26
35	201.26	207.71
36	207.71	212.44
37	212.44	218.24
38	218.24	224.10
39	224.10	229.15
40	229.15	235.37
41	235.37	240.89
42	240.89	246.50
43	246.50	252.06
44	252.06	258.09
45	258.09	263.73
46	263.73	269.44

Box Log

47	269.44	275.26
48	275.26	280.79
49	280.79	286.44
50	286.44	292.01
51	292.01	297.89
52	297.89	303.49
53	303.49	309.05
54	309.05	314.78
55	314.78	320.55
56	320.55	326.06
57	326.06	331.67
58	331.67	337.64
59	337.64	343.15
60	343.15	343.51 EOH

	Depth (m)	Magnetic Susceptiblity
DDH-M12-03	12.00	0.232
DDH-M12-03	13.00	0.150
DDH-M12-03	14.00	0.269
DDH-M12-03	15.00	0.595
DDH-M12-03	16.00	0.356
DDH-M12-03	17.00	0.319
DDH-M12-03	18.00	0.208
DDH-M12-03	19.00	0.368
DDH-M12-03	20.00	0.097
DDH-M12-03	21.00	0.266
DDH-M12-03	22.00	0.167
DDH-M12-03	23.00	0.209
DDH-M12-03	24.00	0.305
DDH-M12-03	25.00	0.115
DDH-M12-03	26.00	0.124
DDH-M12-03	27.00	nill
DDH-M12-03	28.00	nill
DDH-M12-03	29.00	0.173
DDH-M12-03	30.00	0.695
DDH-M12-03	31.00	0.036
DDH-M12-03	32.00	0.175
DDH-M12-03	33.00	0.220
DDH-M12-03	34.00	0.583
DDH-M12-03	35.00	0.167
DDH-M12-03	36.00	0.180
DDH-M12-03	37.00	0.216
DDH-M12-03	38.00	0.261
DDH-M12-03	39.00	0.139
DDH-M12-03	40.00	0.172
DDH-M12-03	41.00	0.315
DDH-M12-03	42.00	0.419
DDH-M12-03	43.00	0.549
DDH-M12-03	44.00	0.481
DDH-M12-03	45.00	0.458
DDH-M12-03	46.00	0.452
DDH-M12-03	47.00	0.298
DDH-M12-03	48.00	0.302
DDH-M12-03	49.00	0.405
DDH-M12-03	50.00	0.509
DDH-M12-03	51.00	3.156
DDH-M12-03	52.00	0.321
DDH-M12-03	53.00	0.388
DDH-M12-03	54.00	0.556
DDH-M12-03	55.00	1.225
DDH-M12-03	56.00	0.388
DDH-M12-03	57.00	

DDH-M12-03	58.00	0.431
DDH-M12-03	59.00	0.666
DDH-M12-03	60.00	0.547
DDH-M12-03	61.00	0.334
DDH-M12-03	62.00	0.383
DDH-M12-03	63.00	0.265
DDH-M12-03	64.00	0.285
DDH-M12-03	65.00	0.430
DDH-M12-03	66.00	0.166
DDH-M12-03	67.00	0.193
DDH-M12-03	68.00	0.288
DDH-M12-03	69.00	0.477
DDH-M12-03	70.00	0.281
DDH-M12-03	71.00	0.366
DDH-M12-03	72.00	0.341
DDH-M12-03	73.00	0.584
DDH-M12-03	74.00	0.280
DDH-M12-03	75.00	0.318
DDH-M12-03	76.00	0.365
DDH-M12-03	77.00	0.467
DDH-M12-03	78.00	0.247
DDH-M12-03	79.00	0.189
DDH-M12-03	80.00	0.223
DDH-M12-03	81.00	0.219
DDH-M12-03	82.00	0.174
DDH-M12-03	83.00	0.270
DDH-M12-03	84.00	0.251
DDH-M12-03	85.00	0.669
DDH-M12-03	86.00	0.295
DDH-M12-03	87.00	0.137
DDH-M12-03	88.00	0.198
DDH-M12-03	89.00	0.343
DDH-M12-03	90.00	0.438
DDH-M12-03	91.00	0.212
DDH-M12-03	92.00	0.215
DDH-M12-03	93.00	0.319
DDH-M12-03	94.00	0.280
DDH-M12-03	95.00	0.256
DDH-M12-03	96.00	0.148
DDH-M12-03	97.00	0.446
DDH-M12-03	98.00	0.158
DDH-M12-03	99.00	0.437
DDH-M12-03	100.00	0.233
DDH-M12-03	101.00	0.137
DDH-M12-03	102.00	0.359
DDH-M12-03	103.00	0.152
DDH-M12-03	104.00	0.155
DDH-M12-03	105.00	0.088
DDH-M12-03	106.00	0.144
DDH-M12-03	107.00	0.041
DDH-M12-03	108.00	0.148
DDH-M12-03	109.00	0.446
DDH-M12-03	110.00	0.158
DDH-M12-03	111.00	0.040
DDH-M12-03	112.00	0.390

DDH-M12-03	113.00	0.545
DDH-M12-03	114.00	0.180
DDH-M12-03	115.00	0.314
DDH-M12-03	116.00	0.119
DDH-M12-03	117.00	0.383
DDH-M12-03	118.00	0.180
DDH-M12-03	119.00	0.180
DDH-M12-03	120.00	0.248
DDH-M12-03	121.00	0.129
DDH-M12-03	122.00	0.179
DDH-M12-03	123.00	0.189
DDH-M12-03	124.00	0.383
DDH-M12-03	125.00	0.201
DDH-M12-03	126.00	0.054
DDH-M12-03	127.00	0.169
DDH-M12-03	128.00	0.469
DDH-M12-03	129.00	0.311
DDH-M12-03	130.00	0.424
DDH-M12-03	131.00	0.213
DDH-M12-03	132.00	0.268
DDH-M12-03	133.00	0.122
DDH-M12-03	134.00	0.277
DDH-M12-03	135.00	0.184
DDH-M12-03	136.00	0.816
DDH-M12-03	137.00	0.129
DDH-M12-03	138.00	0.338
DDH-M12-03	139.00	0.202
DDH-M12-03	140.00	0.182
DDH-M12-03	141.00	0.341
DDH-M12-03	142.00	0.177
DDH-M12-03	143.00	0.104
DDH-M12-03	144.00	0.047
DDH-M12-03	145.00	0.311
DDH-M12-03	146.00	0.285
DDH-M12-03	147.00	0.455
DDH-M12-03	148.00	0.060
DDH-M12-03	149.00	1.851
DDH-M12-03	150.00	0.046
DDH-M12-03	151.00	0.121
DDH-M12-03	152.00	0.272
DDH-M12-03	153.00	0.632
DDH-M12-03	154.00	0.439
DDH-M12-03	155.00	0.332
DDH-M12-03	156.00	0.321
DDH-M12-03	157.00	0.199
DDH-M12-03	158.00	0.109
DDH-M12-03	159.00	0.116
DDH-M12-03	160.00	0.448
DDH-M12-03	161.00	0.313
DDH-M12-03	162.00	0.300
DDH-M12-03	163.00	0.380
DDH-M12-03	164.00	0.140
DDH-M12-03	165.00	0.121
DDH-M12-03	166.00	0.182
DDH-M12-03	167.00	0.169

DDH-M12-03	168.00	0.213
DDH-M12-03	169.00	0.122
DDH-M12-03	170.00	0.129
DDH-M12-03	171.00	0.109
DDH-M12-03	172.00	0.121
DDH-M12-03	173.00	0.182
DDH-M12-03	174.00	0.124
DDH-M12-03	175.00	0.182
DDH-M12-03	176.00	0.201
DDH-M12-03	177.00	0.198
DDH-M12-03	178.00	0.274
DDH-M12-03	179.00	0.122
DDH-M12-03	180.00	0.68
DDH-M12-03	181.00	0.138
DDH-M12-03	182.00	0.343
DDH-M12-03	183.00	0.442
DDH-M12-03	184.00	0.142
DDH-M12-03	185.00	0.131
DDH-M12-03	186.00	0.428
DDH-M12-03	187.00	0.552
DDH-M12-03	188.00	0.101
DDH-M12-03	189.00	0.155
DDH-M12-03	190.00	0.442
DDH-M12-03	191.00	0.425
DDH-M12-03	192.00	0.186
DDH-M12-03	193.00	1.787
DDH-M12-03	194.00	0.333
DDH-M12-03	195.00	0.108
DDH-M12-03	196.00	0.19
DDH-M12-03	197.00	0.264
DDH-M12-03	198.00	0.216
DDH-M12-03	199.00	0.06
DDH-M12-03	200.00	0.033
DDH-M12-03	201.00	0.167
DDH-M12-03	202.00	0.415
DDH-M12-03	203.00	0.137
DDH-M12-03	204.00	0.277
DDH-M12-03	205.00	0.193
DDH-M12-03	206.00	0.292
DDH-M12-03	207.00	0.378
DDH-M12-03	208.00	0.184
DDH-M12-03	209.00	0.394
DDH-M12-03	210.00	0.251
DDH-M12-03	211.00	0.192
DDH-M12-03	212.00	0.17
DDH-M12-03	213.00	0.173
DDH-M12-03	214.00	0.255
DDH-M12-03	215.00	0.109
DDH-M12-03	216.00	0.224
DDH-M12-03	217.00	0.189
DDH-M12-03	218.00	0.184
DDH-M12-03	219.00	0.201
DDH-M12-03	220.00	0.124
DDH-M12-03	221.00	0.305
DDH-M12-03	222.00	0.149

DDH-M12-03	223.00	0.27
DDH-M12-03	224.00	0.408
DDH-M12-03	225.00	0.284
DDH-M12-03	226.00	0.149
DDH-M12-03	227.00	0.203
DDH-M12-03	228.00	0.291
DDH-M12-03	229.00	0.22
DDH-M12-03	230.00	0.887
DDH-M12-03	231.00	0.11
DDH-M12-03	232.00	0.155
DDH-M12-03	233.00	0.154
DDH-M12-03	234.00	0.051
DDH-M12-03	235.00	0.152
DDH-M12-03	236.00	0.535
DDH-M12-03	237.00	0.567
DDH-M12-03	238.00	0.348
DDH-M12-03	239.00	0.098
DDH-M12-03	240.00	0.244
DDH-M12-03	241.00	0.134
DDH-M12-03	242.00	0.217
DDH-M12-03	243.00	0.205
DDH-M12-03	244.00	0.22
DDH-M12-03	245.00	0.152
DDH-M12-03	246.00	0.147
DDH-M12-03	247.00	0.111
DDH-M12-03	248.00	0.176
DDH-M12-03	249.00	0.152
DDH-M12-03	250.00	0.397
DDH-M12-03	251.00	0.414
DDH-M12-03	252.00	0.19
DDH-M12-03	253.00	0.771
DDH-M12-03	254.00	0.116
DDH-M12-03	255.00	0.229
DDH-M12-03	256.00	0.28
DDH-M12-03	257.00	0.883
DDH-M12-03	258.00	0.274
DDH-M12-03	259.00	0.189
DDH-M12-03	260.00	0.127
DDH-M12-03	261.00	0.24
DDH-M12-03	262.00	0.094
DDH-M12-03	263.00	0.421
DDH-M12-03	264.00	0.171
DDH-M12-03	265.00	0.102
DDH-M12-03	266.00	0.079
DDH-M12-03	267.00	0.108
DDH-M12-03	268.00	0.038
DDH-M12-03	269.00	0.074
DDH-M12-03	270.00	0.05
DDH-M12-03	271.00	0.297
DDH-M12-03	272.00	0.051
DDH-M12-03	273.00	0.129
DDH-M12-03	274.00	0.144
DDH-M12-03	275.00	0.06
DDH-M12-03	276.00	0.051
DDH-M12-03	277.00	0.044

DDH-M12-03	278.00	0.088
DDH-M12-03	279.00	0.118
DDH-M12-03	280.00	0.124
DDH-M12-03	281.00	0.165
DDH-M12-03	282.00	0.451
DDH-M12-03	283.00	0.438
DDH-M12-03	284.00	0.12
DDH-M12-03	285.00	0.049
DDH-M12-03	286.00	0.06
DDH-M12-03	287.00	0.477
DDH-M12-03	288.00	0.169
DDH-M12-03	289.00	0.049
DDH-M12-03	290.00	0.297
DDH-M12-03	291.00	0.069
DDH-M12-03	292.00	1.026
DDH-M12-03	293.00	0.195
DDH-M12-03	294.00	1.244
DDH-M12-03	295.00	0.478
DDH-M12-03	296.00	0.077
DDH-M12-03	297.00	0.028
DDH-M12-03	298.00	0.181
DDH-M12-03	299.00	0.331
DDH-M12-03	300.00	0.125
DDH-M12-03	301.00	0.271
DDH-M12-03	302.00	0.244
DDH-M12-03	303.00	0.251
DDH-M12-03	304.00	0.391
DDH-M12-03	305.00	0.035
DDH-M12-03	306.00	0.133
DDH-M12-03	307.00	0.121
DDH-M12-03	308.00	0.107
DDH-M12-03	309.00	0.376
DDH-M12-03	310.00	0.022
DDH-M12-03	311.00	0.107
DDH-M12-03	312.00	0.052
DDH-M12-03	313.00	0.1
DDH-M12-03	314.00	0.133
DDH-M12-03	315.00	0.166
DDH-M12-03	316.00	0.383
DDH-M12-03	317.00	0.05
DDH-M12-03	318.00	0.197
DDH-M12-03	319.00	0.075
DDH-M12-03	320.00	0.499
DDH-M12-03	321.00	0.244
DDH-M12-03	322.00	0.158
DDH-M12-03	323.00	0.259
DDH-M12-03	324.00	0.144
DDH-M12-03	325.00	11.97
DDH-M12-03	326.00	0.544
DDH-M12-03	327.00	6.23
DDH-M12-03	328.00	11.76
DDH-M12-03	329.00	0.439
DDH-M12-03	330.00	0.225
DDH-M12-03	331.00	0.602
DDH-M12-03	332.00	0.464

DDH-M12-03	333.00	0.451
DDH-M12-03	334.00	1.105
DDH-M12-03	335.00	14.45
DDH-M12-03	336.00	0.573
DDH-M12-03	337.00	5.322
DDH-M12-03	338.00	0.428
DDH-M12-03	339.00	0.697
DDH-M12-03	340.00	0.801
DDH-M12-03	341.00	1.203
DDH-M12-03	342.00	0.409
DDH-M12-03	343.00	0.667