

PROPERTY: Plata

HOLE: DDH-PL-08-47

Core size:	HQ		
Casing depth:	(m)	in/out	out

Logged by: M.Turner

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	4	-55					

Target: P4 Vein

[illegible]

SAMPLES				
Numbers:				
Total:				
Date sent:				

COMMENTS	
Hole abandoned @ 37.10 due to ground conditions	

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Struct.		LITHOLOGY								ALT.		MINERALS		SAMPLES							Blocks			GEOTECHNICAL							JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		Notes:						From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness
Type	Altitude																								(m)	Percent	(m)	Percent								
		0	2.2	2.2	OVR			No Recovery														0	3.35	3.35	1.05	31.34	0	0.00	HW	W	100	50	2	3	BK	
								Mixture of interbedded ARG (65%) and QTE (35%). ARG is quite banded and variably deformed, sometimes fissile, with colours ranging from BN to DK GY to TN to BNish GY. QTE is BN to GY, w/rusty alteration and up to 10% Qz/Cb flooding and erratic fracture filling.																												
		2.2	37.1	34.9	ARG/QTE																															
								2.20 - 4.88 m Mostly BN QTE with small (10-15 cm) area of ARG foliated at 50°														3.35	4.88	1.53	1.42	92.81	0.14	9.15	HW	W	40	50	2	3	BK	
Fn	50							4.88 - 9.00 m Foliated, slightly crumbly, strongly banded ARG. Fn 50° when planar, though often it is folded.														4.88	6.40	1.52	1.14	75.00	0	0.00	HW	W	40	50	1	2	BK	
																						6.4	7.92	1.52	1.41	92.76	0.37	24.34	HW	W	25	70	3	2	FE	
								9.00 - 9.43 m crumbly and gougey														7.92	9.45	1.53	1.07	69.93	0	0.00	MW	W	100	75	3	2	GO	
								9.43 - 17.07 m BN QTE with crosscutting (10-15%) Cb/Qz filled fractures. Weak Fn 60-70°. Many Cb/Qz veinlets crosscut Fn, with DK BN alteration around it. Rusty fracture weathering as well.																												
Fn	65																					9.45	10.97	1.52	1.17	76.97	0.38	25.00	HW	S	25	70	1	3	QZ	
																						10.97	12.50	1.53	0.72	47.06	0.13	8.50	MW	W	15	70	4	2	QZ	
																						12.5	14.02	1.52	0.86	56.58	0.12	7.89	MW	W	10	65	2	3	QZ	
																						14.02	15.54	1.52	1.01	66.45	0.15	9.87	HW	W	13	70	5	3	BK	
																						15.54	17.07	1.53	1.42	92.81	0	0.00	MW	W	10	75	3	2	BK	
Fn	55							17.07 - 19.70 m Deformed and banded GN to OR BN ARG with numerous broken regions and gougey sections.														17.07	18.59	1.52	1.39	91.45	0	0.00	HW	W	50	55	2	3	GO	
								19.70 - 24.69 m BN to GNish GY QTE, fine to medium grained with some Fn visible in less altered regions. 15% Qz/Cb VTs form local brecciation and crosscut foliation.														18.59	20.12	1.53	0.83	54.25	0	0.00	HW	W	50	60	5	3	GO	
																						20.12	21.64	1.52	0.68	44.74	0	0.00	MW	W	25	60	3	3	BK	
Fn	35							22 m 35° Fn with non-opposite 70° crosscutting healed Fx (Qz/Cb)														21.64	23.16	1.52	1.31	86.18	0.62	40.79	MW	S	20	75	2	3	BK	
								24.50 m 45° Fn, slightly corroded and vuggy, with opposite 50° Qz/Cb VTs														23.16	24.69	1.53	1.31	85.62	0.3	19.61	SW	S	20	70	1	3	QZ	
								24.69 - 24.86 m LT BN gouge with small ARG pieces.														24.69	26.21	1.52	1.09	71.71	0.39	25.66	MW	W	20	55	1	2	FE	
								24.86 - 27.08 m LT GN TN (BG), somewhat defined but generally planar. BN banding and OR alteration. LT BN gouge in a few fractures.														26.21	27.74	1.53	1.42	92.81	0.33	21.57	MW	W	20	60	4	2	FE	
Fn	70							27.08 - 29.26 m mix of BK/BN to TN banded ARG with BN to GY finer grained QTE.														27.74	29.29	1.55	1.33	85.81	0.19	12.26	MW	W	20	75	1	2	FE	

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Struct.		LITHOLOGY							ALT.		MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier							From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering		Hardness	Frequency	Attitude	Shape	Roughness	Infilling	
									Notes:																													
									29.26 (+/-0.10) m QTE with 25% Qz + minor Cb flood. Fn at 65° , with 70° crosscutting VTs and large flood, meandering Cb STR roughly parallel TCA.														29.29	30.78	1.49	1.38	92.62	0.54	36.24	MW	W	20	70	2	3	QZ		
Fn	30								30 m Fn 50° (banded ARG)														30.78	32.31	1.53	0.90	58.82	0.24	15.69	SW	W	12	70	5	3	BK		
Fn	45								30.19 - 32.30 m Banded ARG, foliated and planar														32.31	33.83	1.52	0.97	63.82	0.23	15.13	HW	VW	11	65	5	3	BK		
									32.83 - 33.07 m 20-30% Qz/Cb flooded ARG w YW ish Cb running down CA (VT) and Qz/Cb flooding roughly down foliation and then chaotically branching off.																													
									33.07 - 37.10 m Broken, gritty QTE and QTE cobbles, along with BN/OR sand, gravel, clay, and a few pieces of broken up ARG.														33.83	35.36	1.53	0.33	21.57	0	0.00	EW	EW	100	-	-	-	GO		
																							35.36	36.88	1.52	0.83	54.61	0	0.00	EW	EW	100	-	-	-	GO		
																							36.88	37.10	0.22	0.12	54.55	0	0.00	HW	W	100	-	-	-	BK		
									**Hole ended at 37.10m due to drilling problems. Restarted on same pad with same azm and slightly steeper dip as DDH-PL-08-48																													