PASMINCO EX ORATION — DIAMOND DRILL HOLE LOGGING — Input

P1

Hole_ID TBD1	ject
Hole_Type DDH	Tenem. No.
Year 2000	Prospect
Geologist CFD	Date 20-6-2000

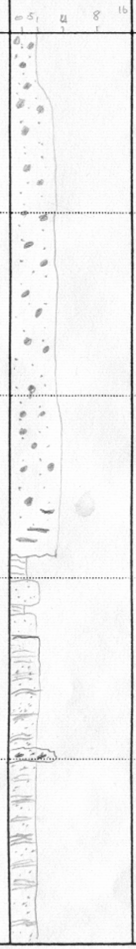
Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					mm 0.5 1 4 8 16	
0											
	XXXX	Or	Deeply weathered organics + clay.								
	CFSA	GyWh	Deeply weathered/bleached fine-medium grained qtz-feldspar sandstone.	3							
		GyGn	Silicified medium grained quartzo-feldspathic poorly sorted sandstone, weak to moderate foliation developed, parallel to bedding grains subrounded/flattened.	Se 1 Cl 1 pervasive 7.5 Si 1 Se 1 Cl 1 pervasive 9.4			9.4 1m thick vughy Si vn, 10.4 12.9 10-30cm thick vughy Si vn 14.1				
	CFMF	GnGy	poorly sorted fine grained quartzo-feldspathic volcaniclastic, variable percentages of feldspar and quartz in a fine grained matrix. Sporadically distributed xenocrysts of euhedral to subhedral 1-4mm dark grey qtz crystals. Volcaniclastic? Semi-massive appearance, bedding not discernible				22.7 – 23.3 60cm vughy Si Cl vn			

25

PASMINCO EX[punched hole]ORATION	DIAMOND DRILL HOLE LOGGING	Input

Hole_ID	TBD1	[punched hole]ject	
Hole_Type		Tenem[punched hole] No.	
Year		Prospect	
Geologist		Date	

P2

Depth	Lithology Code	Lithology Colour	Comments	Alteration (Up to 3 codes w. intensities (1-3))	Mineralisation (Up to 3 codes with %)	Structure	Veining	Faults		Graphic Log	
25					25·3 2-3mm veinlet of Sp, Cpy, Py, Asp, Gn						
27	CFMF	GnWhYe	Gradational increase in grainsize to medium-coarse sandstone, increased proportion of feldspars. Feldspars angular to subrounded, up to 3mm. Basal contact with shale has small thin (1-3mm) lamellae of disrupted shale up to 30cm from contact @ 39·3.	27 pervasive Si Se alt 1-1.5 some feldspars replaced by Se. In veins Se appears to have replaced Cl. 31·3			27·4 10cm Si vn, Se selvage. 29-30·1 3-10cm milky Si-Se vn. Se after Cl.				
				32·4 pervasive Si-Se-Cl (1-1.5) alt. Si alt more intense up to 5cm either side of veins. 39·1			32·4-35·3 3-10cm milky, vughy Si-Se vns.				
39·3	SSISH/SA	Bl/GnGy	Thin (1-5cm) beds of shale interbedded with poorly sorted angular, fine to medium grained, framework supported qtz rich sandstone. Flame structures indicate facing is uphole								
41·5	CFSA/SI	GnGy	Semi-massive fine-grained qtz-rich sandstone, with muddy matrix, interbedded with fine grained pale grey siliceous laminated siltstone. Siltstone beds 1-10mm thick. @ ~45m there is a 25cm bed of coarse, crystal rich, poorly sorted, qtz rich volcaniclastic mass flow	41·7 tr Sp in siltstone parallel to So. 44·9 tr Sp ∥ to So. 45·6 tr Sp ∥ to So	47·9 2% Py in Qtz vein		47·7-48·4 20-30cm massive SiCOCL vn.				
50											

N.B. ∥ - parallel

PASMINCO E[illegible]LORATION — DIAMOND DRILL HOLE LOGGING — Input

PB.

Hole_ID	TBD1	Project	
Hole_Type		Te[illegible]nt_No.	
Year		Prospect	
Geologist		Date	

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %						
50											
50.1	CFSA/ S1/SH	DkGyGrn	A mixed package of alternating coarse to medium grained, laminated, poorly sorted qtz>>feldspar mass flow volcaniclastics up to 30cm thick, interbedded with 1-4cm units of weakly laminated siltstone/fine sandstone and thin rare (<3cm) beds of shale. Grading in sandstone is weakly developed.								
59.3	SSSH / SSSH	LtGy/DkGy	Thin beds (5-15mm) of pale grey siltstone interbedded with thin (<2mm) beds of shale. Unit contains rare 3-5cm thick beds of coarse poorly sorted qtz-feldspar volcaniclastics								
61.9	CFSA	GyGrn	Dominantly coarse (2-5mm) angular to sub-rounded clasts of qtz+feldspar, poorly sorted. xtals supported in a sand/mud matrix. Matrix is weakly to moderately chloritically altered. Bands of chlorite alteration (1-2mm wide) give the appearance of bedding, however, bedding is not discernible.	cl 1-1.5 pervasive.							
75.7 EOH.											

PASMINCO E LORATION — DIAMOND DRILL HOLE LOGGING — Input

Hole_ID TBD 2	Project
Hole_Type DDH	Tenement_No.
Year 2000	Prospect
Geologist CFD	Date 22-6-200

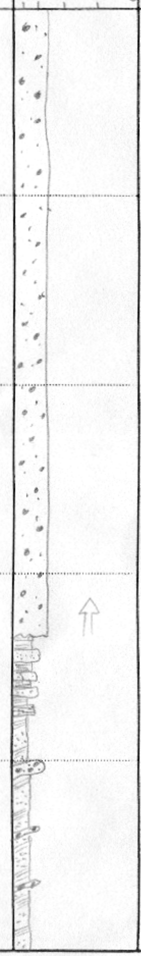
Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					mm 0.5 4 8 16
0	XXXX	Or	Organics and clay ~ 1.7 m core loss.							
1.7	CFMF	Cy Wh	Fine to medium angular to sub rounded, occassionally fractured qtz grains in a poorly sorted sand/fine sand matrix. Rare altered feldspar and lathes up to 2 mm are present. Weathering ant of minerals has given							
			upper 10 cm a slightly porous texture. Mixed grain-size and lack of sorting suggest a water suspended mass flow.							
							-9.1m; 3cm vuggy qtz vn.			
7.6		Wh Cy Or								
9.8										
10.2		Cy Gn	Slight grainsize increase of qtz to 2-5 mm. Feldspar xtals, angular to sub-rounded, commonly elongate or fractured up to 2-3 mm comprise ~15-20% of crystal component.	pervassive 1 S;						
			Pseudo-bedding due to thin 1-4 mm bands of chlorite alteration parallel to weakly developed foliation.							
		Gn Pk					-18.2m 10cm massive milky qtz vn. -19m 10cm massive milky qtz vn.			
		Cy								

25

PASMINCO E[illegible]LORATION | DIAMOND DRILL HOLE LOGGING | Input

Hole_ID TBD2	Project
Hole_Type	Ten[illegible]nt_No.
Year	Prospect
Geologist CFD	Date

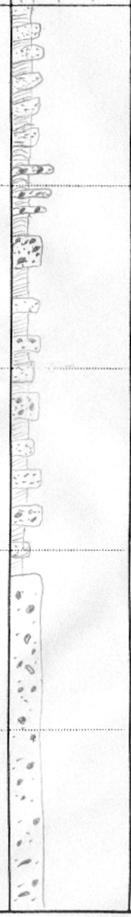
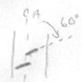
Depth	Lithology Code	Lithology Colour	Comments	Alteration (Up to 3 codes w. intensities (1-3))	Mineralisation (Up to 3 codes with %)	Structure	Veining	Faults		Graphic Log	
25										0.5 1 4 8 16 mm	
	CFMF	Gy			29.7 - 30.3 1-3mm veinlets COPy + Sp. tr dissem Sp.						
		GnWhite									
			38.3 Thin 1-2mm undulose bands of darker material - may be bedding ~~ch~~ / foliation alteration				37.0 - 38.5 2 - 15cm sub milky breccia vughy SiSeCl cm				
41.6	SSSH/ CFSA	Bl/GnGy	Finely laminated sandy shales up to 20cm thick interbedded with laminated (pseudo-bedded) fine grained qtz-rich ± feldspar ± lithic volcaniclastic sandstone, poorly sorted	pervasive 1 Se	tr dissem Sp. in shales only						
43.9	SSSI/ CFSA	Gn Gy	Thin 2-5mm beds of pale grey siltstone interbedded with 1-5cm beds of green/grey fine grained (<1mm) poorly sorted quartz-feldspar volcaniclastic sandstone with a muddy matrix. Rare beds, up to 20cm of poorly sorted, coarse qtz-feldspar-lithic xtals in muddy matrix (resembling mass flow units) occur.								
50											



P3

PASMINCO E[illegible]LORATION | DIAMOND DRILL HOLE LOGGING | Input

Hole_ID	TBD2	Project	
Hole_Type		Te[illegible]nt_No.	
Year		Prospect	
Geologist	CFD	Date	

Depth	Lithology Code	Lithology Colour	Comments	Alteration: Up to 3 codes w. intensities (1-3)	Mineralisation: Up to 3 codes with %	Structure	Veining	Faults		Graphic Log (mm: 0-5 1 4 8 16)	
50	SSSI/ CFSA	GnGy									CA/So ~50° 
53.9	SSSI/ SSSH	GyBl	Thinly laminated siltstone beds (1-4mm) interbedded with laminated black shale. Unit contains common beds up to 20cm thick of poorly sorted qtz-feldspar mass flow coarse volcaniclastic sandstone.	1 SiCl				-56-56.3 zone of faulting 1-2cm Pel faults in shale.			
56.7	CFMF/ CFSA/SI	DkGnGy	30-40cm beds of poorly sorted matrix supported coarse grained mass flows containing angular-subrounded 2-5mm, sometimes fractured qtz xtals, common sub-rounded and blocky 1-3mm feldspars in a fine muddy/qtz sand matrix. Matrix is commonly weakly chloritised. Interbedded thin 1-2cm beds of of siltstone and fine volcaniclastic sandstone make up ~60% of unit.	pervasive 1 SiCl			-56.7 60cm milky SiCO2 vn				
65.8	CFMF/ SA	GyGn	Semi-massive, medium-coarse grained poorly sorted, matrix supported mass flow unit, consisting of 1-5mm angular-sub-rounded quartz crystals with lesser subrounded feldspars up to 2-3mm in a sandy/mud matrix. Matrix is variably chloritised. Rare flattened lithic clasts of shale define a weak foliation which may be sub-parallel to bedding. Overall average grain-size is ~2.5-3mm. Large crystals are often fractured and are often not uniformly distributed								Clast (shale) angle to CA ~60° 
75											

PASMINCO E LORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	TBD2	Project	
Hole_Type		Ten t_No.	
Year		Prospect	
Geologist	CFD	Date	

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
75	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16 mm	
				pervassive 1 SiCl.							
							-82.1-82.8 5-25cm milky massive SiClCO vns.				
							-86.6 10cm SiClCO tension infill vn tr Py -87.8 20cm SiCl vn -89.3 40cm SiCl Kspar vn.				
				minor Kspar selvage on vn			-91.7 40cm br SiClCO vn.				
							-97.1 10cm SiClCO vn				
100											

PASMINCO E)LORATION

DIAMOND DRILL HOLE LOGGING)

Input

Hole_ID TBD2	Project
Hole_Type	Ter t No.
Year	Prospect
Geologist CFD	Date

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
100	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16	
							*103.65 55cm multipulse tensional Si CLCO Kspar vn.				
							-105.2 40 cm Si K-spar CL vn.				
				114.							
				patchy 1 Kspar Si Cl							
				119.2							
				105 Kspar Si							
				120.9							
				1.5-2 Si Cl							

125

PASMINCO E)LORATION

DIAMOND DRILL HOLE LOGGING)

Input

Hole_ID TBD2	Project
Hole_Type	Ter)t_No.
Year	Prospect
Geologist CFD	Date

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
125	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16	
	CFSA/ CSST	DkGn	Very fine grained matrix supported angular - sub rounded dark grey qtz xtals <1 mm, irregularly distributed rare elongate lithic/xtal fragments <0.5-1 mm, poorly sorted, semi-massive overall appearance, grading not evident, interbedded with thin (<5mm) beds of volcaniclastic derived siltstone/very fine sandstone. Bedding is not uniform - appears to be wavy cross stratified - possibly reworked by minor current direction variations. Grading is poorly developed due to fine grained nature of sediments.	1 Si Kspar Cl pervassive						So/CA ~75° CA 70	
	CFMF		Gradational change to Medium to coarse grained poorly sorted feldspar > qtz volcaniclastic mass flow. Fspars 1-5mm subrounded to blocky, milky to dark blue/grey angular to subrounded 1-3mm qtz xtals, minor lithic fragments up to 5mm elongate sub parallel to foliation. Matrix is very fine grained sand to mud sized particles, and has been weakly chloritically + feldspar altered.	141.6 pervassive SeCl Si 1-5-2. 143.6	143.1-143.3 Py ~5%, Sp ~1%. 143.8 tr diss. Sulf Sp.			143.0m F 20mm PuRu		
		142.0m Lt Gn/ Ye Gn 143.6m									
		DkGn		pervasive 1 Si Cl.	146.1 15mm vn of Cl Sp Py Gn						

150

PASMINCO E LORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID TBD2	Project
Hole_Type	Tenement No.
Year	Prospect
Geologist CED	Date

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
150	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16
				151- 151.5 pervassive Se 1				-151.3 Fault 5mm Pu Ru		
				1 Si Cl.						
				153.8 1.5 Si Cl.	-154.2 tr fine-grained blocky + selvage Py -156.3		-154.2 5-50 mm, milky white, massive Si-Cl-Kspar veins. -156.3			
				160 pervasive 1.5 Kspar-Si						
				pervasive 1 Cl						
								-165.4 Fault 5mm Pu		
				171 1.5 Si-Cl pervasive						
				175 pervassive 1 Kspar Si						

175

PASMINCO E[illegible]LORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID TBD2	Project
Hole_Type	Te[illegible]nt No.
Year	Prospect
Geologist CFD	Date

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16
175				pervasive 1 Sil Cl						
				1.9 pervasive						
				1 Kspar-Si						
				184 pervasive						
				1.5 Si						
							186-186.9 20-40 mm Si-kspar Cl Br vn			
							187.9-188.2 40-60 mm Si Kspar Cl CO vn			
							190.3 150mm Si-Kspar-Qz-Co Br vn			
					193.7 vn Sp~3% Gn~2% CPy~1%		193.7 100 mm Si vn.	193.7 5 mm Fault		
					194-194.2 1mm veinlets of Sp, minor Sph disc. Py					
					199.3 10mm Si conformable semi-massive Sp 50%, Py 45% Gn 5%					

200

PASMINCO E LORATION — DIAMOND DRILL HOLE LOGGING — Input

Hole_ID TBD2	Project
Hole_Type	Target No.
Year	Prospect
Geologist CFD	Date

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					mm 0.5 1 4 8 16	
200											
							201.5 - 201.7 10-40mm Si Cl vn				
							202.4 - 202.8 10-150mm Si Cl vn				
		203.2		203 - 204 1 Se Py Si Cl				203.6 Fault 5mm Si Pa Ru			
		Ie Gn		patchy 1 Si Kspar							
		202.8									
				208.6 pervasive 1.5 Si							
							214.1 - 214.4 20-40mm Si Kspar Cl Py vns				
				215.6 - 216.2 2 Si Se Cl pervasive 1.5 Si Kspar				216 Fault 40mm Si Pa Ru			
							216.8 - 217.3 40-50mm Si Cl vn				
				219.5							
				1.5 - 2 pervasive Si							
225											

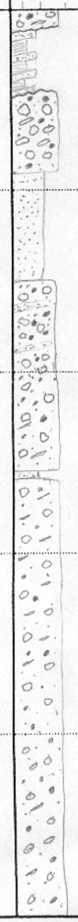
PASMINCO E[illegible]LORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	TBD2	Project	
Hole_Type		Ter[illegible]nt_No.	
Year		Prospect	
Geologist	CFD	Date	

Depth	Lithology Code	Lithology Colour	Comments	Alteration (Up to 3 codes w. intensities (1-3))	Mineralisation (Up to 3 codes with %)	Structure	Veining	Faults		Graphic Log	
225										0.5 1 4 8 16	
	CFSA/ CFSI	DkGy/BnYe	Thin beds to 5cm of fine to very fine sandstone of volcanic origin interbedded with thin (2-10 mm) lamellae of light brown-yellow siltstone. Sandstone contains rotated sigma clasts subparallel to foliation	pervassive 2 Cl Se	-225.5 tr Sp in Fault.			-225.5 Fault 5mm Rh Si?			S_1/C.A. ~ 70°
	CFMF	DkGnGy	Coarse grained poorly sorted qtz + feldspar mass flow unit. angular-subrounded, milky to dk blue/grey, 2-5mm qtz xtals with lesser dominantly subrounded 2-4mm feldspar xtals in a fine grained sandy/muddy qtz matrix. Minor 2-3mm elongate lithics subparallel foliation.	227 pervassive 1.5 Kspar SiCl	-228.6-228.9 tr Py, CPy, PO, Gn in vn		-227.3 150mm SiCl (Kspar?) vn. -228.6 600mm SiCl Kspar vn				226.0 (core Orient.) S_0 = 80° to 255° Mag
	CFSA	GnPi	Fine grained qtz-feldspar sandstone, comprising 1-2mm subrounded qtz grains, 1mm subrounded feldspars, minor lithics, framework supported, semi-massive appearance, alteration bands give appearance of bedding, however, bedding or grading not discernible.								226.9 S_0 ~ 85° to 250° Mag.
	CFMF	GnGyPi	Interbedded coarse-grained beds 2-20cm thick of angular subrounded 2-5mm qtz, subrounded to elongate 2-5mm feldspars matrix supported, interbeds of 2-5cm thick fine sandstones and siltstones of same composition as coarser beds.								231.2m S_0 = 70° to 244° (Mag) 231.7m S_0 = 70° to 258° (Mag)
		RePi		-235.4 - 235.7 2 Kspar			-236.3 150mm Si-Kspar-Cl vn				
		GnGy	-237.8 20cm bed dk gy fine grained qtz-feldspar - minor lithic sandstone	pervassive 2 SiCl Kspar							
240		GnPi									
243.8		Lt Gn		-244.4-245.2 pervassive ClSe							
244.8		Lt GyBu		-245.2 pervassive 3 SiSe				-247.1 10cm zone of faulting Si Py Po.			
248.7		Lt GnBu		-248.6 pervassive 2 Si ± Py ± Se							
250											



P11

PASMINCO E LORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID TBD2	Project
Hole_Type	Ter nt_No.
Year	Prospect
Geologist CFD	Date

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					
250										mm 0.5 4 8 16
		252.2		251.7						
		Cu Re		2S; K spar						
		253.9 Re Cu								
			255.5 Transitional change to medium-fine grained mass flow units. Mineralogy remains the same at coarser units however, the large xtals of qtz are almost absent and the grainsize is now more equigranular. The precise contact between fine + coarse units has been marked by moderate-strong alteration. Average grainsize is 1-2 mm and grains are dominantly sub-rounded. Moderate sorting							
		257.6 Cu Re								
		259		259						
				pervassive 1-1.5 Si Cl.						
		Dk Cu			262.8 2% 5-10mm euhedral Sp + Py		262.8 200mm Si Cock Br va			
					265.1 tr Sp.		265.1 25mm Si Cock + fluorite va	265.1 25mm Si Pu Br va.		
					273 tr Py + 1% fluorite.			273 2-5mm Pu.		
275										

PASMINCO E ORATION — DIAMOND DRILL HOLE LOGGING — Input

Hole_ID	TBD2	Project	
Hole_Type		Tenement No.	
Year		Prospect	
Geologist	CFD	Date	

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
275	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					mm 0.5 1 4 8 16
		277 Lt Cn Cly		277.2 pervassive 2 Si	278.4 n% Py 2% PO to fluorite		278.4 350mm Si Cl vn			
		281 Lt Cn Bu			281.5 60mm VN Py, Asp, fluorite		281.5 60mm Si Br Bn vn			
		282.5 Lt Cy Cn		282.2 2 Si Se Py						
				284.1 1 Se Cl						
				285 1 Si Se Cl ± Py pervassive						
		286.2 DK Cy Cn								
		287.6 Lt Cn Bu								
				289.2 pervassive						
		291.5 Bu Cy Ye		29; Se Cl ± Py						
				291.1 pervassive 2 Si Se Py				291.6 200mm Pu Rw		
			@ 293.5 fault contains blades up to 5mm of siderite + talc + 5-8mm cubes of clear fluorite.		293.6 - 294.6 vn + diss Py		293. 100mm Bn/Br Si vn + Py	293 - 293.6 600mm zone of Pu Rw		
		295.7 Cy		295.6 pervassive 2-2.5 Si ± Py	295.6 100mm zone of 5-10mm Py cubes + 10mm of Asp in vn + tr diss Cn + CPy		295.2 500mm milky-grey Bn/Br Si vn + Se Py			
		297.8 Re Cy		297.8 pervassive 2 K spar Si						
		299 Cy		299 pervassive 1.5 Si						

300

P13 PASMINCO E LORATION DIAMOND DRILL HOLE LOGGING Input

Hole_ID TBD2	Project
Hole_Type	Ten t No.
Year	Prospect
Geologist CED	Date

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
300	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					mm 0.5 1 4 8 16
300.2	IFPO	GyPi	Dark grey-pink coarse grained, massive porphyry consisting of 5-10mm subhedral pink feldspars evenly distributed in a groundmass of >80% pale grey/pink to dark grey 2-5mm subhedral qtz xtals, some of which show resorption rims, in a dark grey black glassy matrix. Either side there is a 50cm chill margin accompanied by decreasing grain size	pervassive 2 Si						
303.6	CFMF	PkGy	Fine-medium grained moderately sorted sediments consisting of 1-2mm subrounded qtz grains up to 60%, 30% subrounded 1-2mm feldspars in a glassy/altered (silicified) matrix. Resembles silicified mass flow deposits.	303.6 2 Si + diss Py	-304.4-306.6 5-20mm va PyPO @ 306.6 va Py 80%, PO 20% Sp 5% CPy 3%. -309.7 200mm zone of fr PO + CPy -309.5 100mm zone of fr Sp.					
				pervassive 2 Si	-312-313.5 va Py PO @ 312.8 fr diss Sp.					
					-315.7 8mm va of PO 55%, Py 40% -319.8 10mm Si Py va					
		320.8 YeBu		320.8 diss, pervassive 2 Si Se Py.				-323.2 40mm Au		
		323.8 Gy	@ ~324m minor 2-5mm deformed sands/rip-up clasts of shale/mudstone are present within mass flow unit	323.8 pervassive 2 Si Py.						

325

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PASMINCO E LORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID TBD2	Project
Hole_Type	Tenement No.
Year	Prospect
Geologist CFD	Date

Depth	Lithology		Comments	Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0·5 1 4 8 16	
325					326·1 2-3% PO in Si vn.		326·1 100mm Si Ch vn				
				pervassive 2Si							
		Lt YeGn		331 pervassive 1 Si Se	331·2 - 331·4 vn Asp + fluorite		331·2 - 331·6 5-10mm SiSe vn	331·3 5-10mm Rh Br			
		GyGrn	332	332·1							
		DkGyRd	Gradational coarsening in grainsize to 2-3 mm with occassional xtals up to 5mm sorting remains poor and xtals are matrix supported.	332·8 perv 1 Si perv 1 Kspar Si							
		DkGyGn		333·6 pervassive 1-2 Si							
	CFMF										
			340·1 Gradational change over 20-30cm to medium grainsize averaging 1-1·5mm. Compositionally the unit remains qtz-feldspar phyric								
		348·2 YeGn		348·2 pervassive 2 Si Se Py			348·2 multiple 1-5mm Si Se Py Pharsite vns. 349				
		349 Gy		349 pervassive 2 Si							

350

PASMINCO E LORATION — DIAMOND DRILL HOLE LOGGING — Input

Hole_ID	TBD2	Project	
Hole_Type		Tenement No.	
Year		Prospect	
Geologist	CFD	Date	

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
350	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16
		350.8 Gy Rc		350.8 pervasive 2 Kspar-Si						
		353.6 Ye Bu Wh		353.6 pervasive 2-2.5 Si ± Se ± Py			-354.3 150mm Br Si COPy vn	-354.3 150mm Ah Br		
		357.1 Dk Gy Lt Gn spots due to alteration	358-360.5 patches of Se-Cl-Si are associated with 1-2mm blebs of Sp.	355-355.5 patchy Se(?) ± Py ± PO	- tr Sp associated with Se patches. - 356-356.6 tr diss Sp.		-356.4 10mm Br Si vn + Py ± PO ± Sp			
	CFMF			357.1 pervasive 1-1.5 Si Se ± Cl patches to 80mm of Se-Cl-Si	-360.3 15mm-5mm elongate blob Sp					
			All mineralisation (Sp) is associated intimately as growths with Cl-Se alteration patches. Sp is typically most closely associated with chlorite		-358.8 elongate blebs to 35mm of Sp					
					-370.3 3-5% Sp in 20mm vn. -371.5 10mm blob of Sp		-370.3 20mm Si-Cl-Py-Sp vn			
		Lt Gy/Gn		372.1 pervasive 1-5 Se Si			-372.5 150mm Si Se + fluorite vn	-372.5 150mm Ah Br		
		Dk Gy		373.1 Si Cl Se rare 2-5mm blebs of Ch Sp						

375

PASMINCO E .ORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID TBD2	Project
Hole_Type	Ten t_No.
Year	Prospect
Geologist CED	Date

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log
375	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					0.5 1 4 8 16
				pervasive						
				1 Si Cl Se						
				382.4						
				pervasive 1-5 Si Cl						
				385						
				patchy (up to 40mm) Se Cl						
					387.1 5% Sp, 5% Py in vn		387.1 30mm Si Cl Se vn 387.4 50mm Si Cl Br vn 388.1 80mm Si Cl Se + Py vn			
				393						
				pervasive 1-5 Si Cl.			393.3 - 393.7 10-40mm Si Cl Se Py vns			
	396				395.9 trace Sp.		395.9 40mm Br Si Se Py filaments vn			
		Dk Grn			397.6 <5% in Sp.		397.1 - 397.6 10-150mm Si Cl Se Py vns 397.9 100mm Si Cl vn			

400

D17 PASMINCO E[illegible]ORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	TB02	Project	
Hole_Type		Ten[illegible]t_No.	
Year		Prospect	
Geologist	CFD	Date	

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %					mm 0.5 1 4 8 16	
400					-400.7 vn PO~1%		-400.7-401 10-150mm SiCl PO vn				
		408 LtGnGy		408			-408.1-408.9 Bn/Br SiCO/fluorite Se vn				
				pervasive 1.5SeCl	-412.2 2-5mm cubic Py		-411.9-412.4 5-10mm SiCOCl vn				
		412.8 DkGnGy		413.4							
					-414.7 10mm vn Py 10% CPy 20% -415.5 20mm Cl band ~5%Py, 5%PO			-414.7 40mm Br Pu Si/fluorite Cl vn	-414.7 40mm Pk Pu Br		
		DkGnGy LtGn/Ye spots due to alteration ↓		416.3 1SiClSe 5-40mm elongate to rounded blebs of sericite? ↓							
425											

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PASMINCO E. ORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	TBD	Project	
Hole_Type		Tenement No.	
Year		Prospect	
Geologist	CED	Date	

Depth	Lithology			Alteration	Mineralisation	Structure	Veining	Faults		Graphic Log	
425	Code	Colour	Comments	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %						
		spotting due to alteration									
428.8	SSSI/ CFMF		5-60cm thick beds of thinly laminated pale grey/green to brown siltstone, interbedded with 2-10cm thick beds of poorly sorted medium to coarse grained matrix supported qtz-dacite (2-5mm subrounded xtals) mass flow sediments	1 Si Sa Cl Py pervasive/ patchy							
		Cy/Gn/Bn			431.5 2-3mm vn Sp 50%, Py 50%						
					434 ~5% vn Cp ~1-2% Sphalerite Sp		434 50mm Cl/ flourite vn				
434.9	CFMF	DkGn	Poorly sorted medium grained qtz-feldspar mass flow sediments. Qtz grains are subrounded, some fractured and range from 1-3mm average 2mm. Feldspars are altered but relict grains are subrounded 1-2mm. Silicification and chloritisation tends to swamp feldspars and replace matrix/destroy primary textures	pervasive 1 Si Cl Sa	436.6 diss. 100mm 5% Py 5% PO band		437.9 30mm Si Ck vn				
443											E.O.H.