PASMINCO EXPLORATION | **DIAMOND DRILL HOLE LOGGING** | Input

Hole_ID BOC 001	Project
Hole_Type RDH	Tenement No. 4/2000
Year 2004	Prospect
Geologist MICK SKIRKA	Date 2/9/04

1/

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 %						
	SXSA	wh.-Y gy.	0.0m. White to yellowish grey, bleached sandstone. Mainly fine grained. Top 2m appear brecciated.		Minor (~2%) weathered. pyrite as irregular veinlets & minor		irregular veinlets of weathered py		Broken ground & core loss 2-8m.		
5											
			Broken core. Massive appearance		blebs to 1 cm.				rubble @ 8m.		
10											
	SXSA	dk gy	10.6m: Med-dk grey, f. grained massive sandstone. Similar lithology to above. Common ferruginous veinlets (after pyrite)		Fe-ox veinlets (after pyrite?)				Broken from 13m		
15	SXSA	Y gy.	14.0: Yellowish orange to yellowish grey, goethitic, fine grained sandstone. Similar lithology to above.			Brecciated 14-16m					
	VFDA	l.gr gy.	17.0m: Light greenish grey, weathered, broken basaltic volcanic rock. Relict Fe_2 (plagioclase?) phenocrysts						Core loss.		
20											
			Brecciated texture from 22m.-24.5m						Broken ground		
25											

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID Boc 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist Mick SKIRKA	Date 3/9/04

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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 %					
	VFDA.	gr gy - y or.	Yellowish orange to greenish grey goethitic, feldspar phyric dacite.						weathering (2).	Fe-ox Fe-ox
30			Brecciated from 28 - 32 m. with jigsaw fab texture							
						33.1 m. Qv: 30° to l.c.a	Planar qtz veining @ 32.9 - 33.2 m.		weathering (1).	
35										
			From 35.5 m, joint oxidation only							
			Broken ground > 10 b.p.m.							
40										
				ser (1) with qtz veining						
45										
			Feldspar-phyric dacite.			Qv: 72° to l.c.a.	Fibrous qtz veins from 43.5 m. 2 cm qtz-ser vein @ 45.5 m.			
50										

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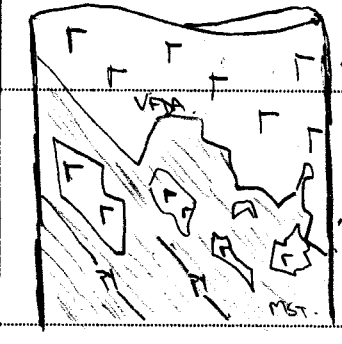
Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 3/9/04

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 %						
	VFDA	grey	Greenish grey, feldspar phyric dacite. Locally phenocryst-rich. Brecciated texture @ 52 m.								
55											
			56.1 - 56.5m : Blk mudstone with large angular dacitic clasts at contacts.  eg: 56.1m.	Ser (1) : assoc. with qtz veining	2% Py in blk mst. 56.1 - 56.5m. Minor pyrite assoc. with qtz-sericite veining.	Qtz-Ser Vein 59.2m : 60° to l.c.a.	qtz-ser (1)				
60											
							Fibrous qtz -Ser veining (2).		Breccia texture 61 - 62.5m		
65											
			Broken ground from 64m. >> 10 l.p.m				qtz (1)				HQ. 68m. NQ.
70									Core Loss.		
							qtz (1)				
75						72.0m. Qv. 60° to l.c.a.					

PASMINCO EXPLORATION | **DIAMOND DRILL HOLE LOGGING** | Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKURKA	Date 5/9/04

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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
	VFDA	med gy	Med grey, feldspar phyric dacite. Broken >> 10 b p.m.			75.5 m. Qv: 60° to l.c.a.	qtz (1) (fibrous).			
80			From 79.8 m, greenish grey							
		gr gy	Weak sericitic alteration	Ser (1)						
			From 833 m, moderate silicification & weak ser/chl alteration. Sporadic sph blebs & small veinlets	Sil (2) Ser (1) Chl (1)	Trace sph/gn from 84 m assoc. with silicification & qtz veins		qtz (2)			
90		med gy gr gy.	Silicified to 88 m. Broken >> 10 b p.m.				Fibrous qtz (1) +/- ser, chl.			
							qtz (1)			
95	VFDA.	gr gy	93.0 m: Greenish grey, sericite altered dacite (?) Rare relict primary textures	Ser (2) Chl (1)			qtz (1)			
100	SSSA	gy.	97.8. Mixed sequence of disrupted sandstone & mudstone beds.	Ser (1)	to py.				Rubbly core.	

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID Boc 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 3/9/04

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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 %						
	SSSA	Y-gy	As above. Yellowish grey xstal rich sdst bds disrupted.	Ser (1)			qtz (1)		Broken Core		
	VDBR		Greenish grey & feldspar-phyric dacite & dacitic breccia.	Ser (1)	sph (1%) assoc. with irregular qtz veining.		qtz (2) irregular.				
105			Weak sericitic alteration, locally moderate								
			Breccia intervals comprised of & dacitic clasts in sericitic or muddy matrix.	Ser (1)	tr sph. typically as small veinlets		irregular qtz (2)		Broken Core		
110			Local silicification (eg. 108.5m)	Sil (1)							
	VEDR	gy/ blk	111.9. Variable interval of predominantly dacitic breccia with mudstone matrix.	Ser (1)	tr - minor sph assoc. with qtz veins		qtz (2).		Broken Core.		
115			Varies b/w clast supported & matrix supported.								
			Dacitic clasts variably sericitised & common fibrous qtz veins with trace - minor (up to 2%) sph.	ser (1)	ga/sph 1%.		qtz (2)		Broken Core.		
120											
	VFDA	med gy - gr gy	120.6m: Med gr to greenish grey, feldspar phyric dacite.	Sil (1)	tr sph.		qtz (2). Up to 4cm.				
125			Sericitic from 124.5m	Ser (1)							

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID	BOC 001	Project	
Hole_Type	DDH	Tenement_No.	
Year	2004	Prospect	
Geologist	MICK SKIRKA	Date	7/9/04

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
	VFDA	gr gy.	Greenish grey, feldspar phyric dacite. Sharp lower contact.	Sil (1)	tr PY.	Contact @ 80° to l.c.a.	qtz (1)			
	SSSA	Y gy.	127.1m: Broken zone of yellowish grey, banded f-med gr sandstone.		Minor - trace sph/gn assoc. with qtz veinings.		qtz (1)			
130										
	VPBX	blk. ~	130.0m: Matrix supported dacitic breccia. Blk mst matrix with angular VFDA clasts.		↓				CORE LOSS.	
	VFDA	gr gy.	131.2m: Greenish grey to light grey, feldspar-phyric dacite. Sporadic brecciated texture with minor blk 'stylolitic fabric'.	Ser (1)	Trace sph.		1-3cm qtz veins 133-135			
135										
	SSSI	Blk.	136.3m.: Variably bedded (massive to laminated) pyritic siltstone to f.g. sandstone		trace sph assoc. with irregular qtz veins					
			More massive intervals with minor pyrite blebs		Minor py (<1%) as blebs ~		rare qtz.			
140					1cm.					
			Rare qtz veins. Fibrous qtz veins @ 142.5m.			142.0m: So: 20° to l.c.a.				
	SSSA	Y gy.	143.2m. Yellowish grey. f-med gr sandstone. Blk slst beds @				Large (to 40cm)		Broken Core.	
145			144.3m. Increased volcanic component downhole.	ser (1)	Minor sph/gn assoc. with large qtz veins.		qtz veins (vuggy) ie 145.3-145.7m.			Qtz. Qtz. Qtz
150										

PASMINCO EXPLORATION | DIAMOND DRILL HOLE LOGGING | Input

Hole_ID BoC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist Micu Skiska	Date 7/9/04

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	
	SSSA	gr gy.	As above.	Sil (1) ser (1)							
	CFSA	gr gy	151.1 Greenish grey to yellowish grey volcaniclastic sdst. Moderate silicification in parts ie: 152.5m. Common qtz veining.	ser (1) sil (1)	trace sph diss in chloritic intervals. & in qtz veins		qtz (2). large qtz veins to 10cm				
155											
	SXMU	blk.	156.0m. Blk pyritic Mudstone				qtz (1).				
	CFMF	blk	157.1m. Matrix supported volcaniclastic mass flow: Felsic clasts in blk mst.								
	QTZ VEIN	wh.	157.9m. Qtz vein with blk mst	intervals.							
160			159.3: Matrix supported mass flow.				Qtz vein @ 160.5m.				
	CFMF		Dacitic clasts in mudstone matrix.	ser (2)							
	SSSI	blk. dk gy.	161.0m. Weakly bedded, disrupted, blk siltstone/mudstone. Sporadic fine g' sdst beds & sdst clasts from 164.0m. Contained sericitised, veined CFSA clasts @ ~164.7m								
165											
	SSSA		167.0m: Silicified quartz & quartz-lithic sandstone. Extensive qtz veining with chloritised host rock fragments. Blebs of sph/ga (to 1cm) assoc. with qtz veining. Moderate silicification	Sil (2) chl (1) ser (1)	sph/ga: 1% fr cpy. Minor py.	as blebs assoc. with qtz veining. S_o: 30° to l.c.a.	Qtz (3)				
170											
	SSSA	dk gy - l. gy	172.7: Banded fine grained qtz-mica sandstone.		2% pyrite along S_o.	S_o: 50° to l.c.a	qtz (1)				
175											

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID BOC 001	Project
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Geologist MICK SKIRKA	Date 7/9/04

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 %						
	SSSA	dk gy.	Interbedded f-med grained qtz & qtz-lithic sandstone. Banded appearance. Minor coarse grained graded beds. ie: 179.5m. Sporadic, thin (< 1cm) pyritic bands (ie: 177.2m) & pyrite blebs along S_o & assoc. with qtz veining	Strong ser(2) @ 176.4m	2-3% py.	S_o: 178m. 53° to l.c.a	qtz (1)				Facing ↑
180											
			fine grained sdst >> f-med gr sdst. Minor (5cm) c.gr sericitic volcaniclastic sdst bed @ 183.1m.	ser (1)	2-3% py as blebs, laminae & f.g alteration selvedge.	S_o: 183.5m 59° to l.c.a	qtz (1)	Small fractures ⊥ to S_o offset S_o by 2-3cm.			
185											
			Bedding dlsd by small fractures.		3-4% py as S_o ∥ blebs & bands.	S_o: 188.5m 51° to l.c.a.	rare irregular qtz veinlets	a.a.			
190											
			Broken from 192.2m.		1-2% py.	S_o: 193.0m. 40° to l.c.a	qtz (1)		↑ Rubbly core. ↓		
195											
			Weak silicification								
	SSSA	Med gy	198.1 Medium grey, med gr qtz-lithic sandstone.		1% py	S_o: 50° to l.c.a.	qtz (1)				
200											

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PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID BoC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 7/9/04

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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 %						
205	SSSA	dk gy - l. gy.	Variable cycles of fine - med gr qtz-lithic sandstone.		1% py.	So: 204m. 52° to l.c.a	qtz (1) 2cm qtz vein @ 202.3m : 40° to l.c.a				Facing.
					tr py.	So: 209m 58° to l.c.a	a.a				
210	SSSA	med gy	207.4 : Massive med grained, qtz-mica-lithic sandstone. x-bedded at top.		–		qtz (1)				x-bedding.
			Irregular based contact.		–		a.a.				
215	SSSA	dk gy med gy.	213.5m: Variable cycles of v.f gr to med gr qtz & qtz-mica-lithic sandstone. Beds vary from <1 cm to 50 cm.		–		rare qtz veinlets				
220			Sporadic irregular qtz veinlets ⊥ to So. Generally 2-4 v.p.m.		tr pyrite.	So: 216.5m. 47° to l.c.a.	generally ⊥ to So.				
					–	So: 222.0m. 50° to l.c.a.	a.a.				
225	SSSA	med gy.	224.0m: Massive med gr qtz-mica sdst.		–						

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SHARMA	Date 7/9/04

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 %						
	SSSA	med gy	Massive, med grained qtz-mica sandstone. + lithic grains		-		qtz (1)				
	SSSA	med gy	227.6m. Variable cycles of generally med gr qtz-lithic-mica sandstone. Minor interbedded f.gr qtz sdst.		tr py.	So: 227.8m. 57° to l.c.a.	qtz (2) to 2cm.				Facing
230											
			Generally massive. Small intervals of parallel laminations (i.e: 227.8m) & soft sediment deformation (eg: 235.9m)		rare tr pyrite.	So: 234m 48° to l.c.a.	qtz (1)				
235											
			lithic grains to 1mm.		-		rare qtz veinlets.				
			Massive med gr qtz-lithic-mica sandstone.			So: 240.5m 49° to l.c.a					
240											
			Broadly graded cycles with common stobedding near top of cycle.		-		qtz (1).				
245											
			-		-	So: 246.0m 55° to l.c.a.	qtz (1)	Small fault @ 247.8m			
250											

PASMINCO EXPLORATION **DIAMOND DRILL HOLE LOGGING** Input

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Geologist MICK SKINKA	Date 7/9/04

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 %						
255	SSSA	med gy.	As above. Variable cycles of med. gr qtz-lithic-mica sdst. Small intervals of fg qtz-sdst	–	–	S_0: 253.5m. 56° to l.c.a	qtz (i)				
260			Med grained qtz-lithic-mica sdst generally massive with sporadic elongate mst 'clasts' to 3mm	–	–	S_0: 260.0m 56° to l.c.a	qtz (i)				
265				–	Rare trace pyrite blebs.		qtz (i)				
270			3cm mst clast @ 268m.	–	–	S_0: 267.5m 60° to l.c.a	qtz (i)	Small fault @266.1m			
275			Small (2cm) silicified (after fsp?) bed @ 274.9. Moderate dil/ser alteration	ser (i) chl (i)	–	S_0: 271.8m 64° to l.c.a.	qtz (i)				

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DIAMOND DRILL HOLE LOGGING

Input

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Year 2004	Prospect
Geologist MICK SKIRKA	Date 7/9/04

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 %						
	SESA	med gr dk gy.	As above. Variable cycles of L. gr qtz sdst & med gr qtz-lithic-mica sdst.		—		Sporadic irregular qtz veins				
280			Coarser grained intervals generally massive. Contains 4 mel lithic grains to 2mm.		—	So: 282.0m 53° to l.c.a	q.a.				
285			Becoming more broken down hole.		—		a.a.				
290					—		2cm qtz-bx vein @ 288.9m.				
					—		a.a				
295					—	So: 297.0m. 75° to l.c.a	a.a.				
300											

PASMINCO EXPLORATION — **DIAMOND DRILL HOLE LOGGING** — Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SHIRKA	Date 7/9/04

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	
	SESA	dk gy	Similar to above. Mixed cycles of f-g qtz sdst & f-med gr qtz-lithic-mica sdst.			S_o: 304.5m 65° to l.c.a	rare qtz-cb veinlets.				ANIMAL CK. GREYWACKE.
305											
	SELW	med gy	305.6m. C.gr qtz-fsp-lithic greywacke.				—		large (3cm) volcanic clast @ 305.6m.		—
	SSSA	med gy	306.5m. Medium grey f-g siliceous sdst. minor f-med gr greywacke intervals (ie: 307m, 310.5m)	Sil (1) chl (1).		S_o: 307.8m. 58° to l.c.a.	qtz-cb (2)				BLACK NARRY BEDS
310			Irregular thin qtz veinlets Weak silicification & chloritic alteration selvedge to veining.				qtz-cb (1)				
315						S_o: 314.0m 65° to l.c.a.					
	SELW	gr gy.	315.0m: Med-c gr qtz-fsp-lithic greywacke. Greenish grey. Matrix supported with sporadic * mst clasts Weak-moderate chlorite +/- sericite alteration.	chl (1) ser (1)			qtz-cb (1) Sporadic discontinuous qtz vns.				
320			Sharp irregular lower contact.								
	SSA	med gy dk gy.	320.8m: Fine-med gr qtz sdst. Generally med grained with restricted f-g intervals.			S_o: 323.6m. 64° ⇒ 132 AMC.	q-cb (1)				C.O.Q 323.5m.
325											

PASMINCO EXPLORATION | **DIAMOND DRILL HOLE LOGGING** | Input

Hole_ID BOC 001	Project
Hole_Type DDH.	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 10/9/04

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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 %						
330	SSSA	dk gy.	: Dark grey, f.gr qtz sdst. Minor intervals of f-med grained qtz-lithic sandstone : ie: 326.6m. Predominantly massive. Common cb-bx veins.		Py 1% as diss & on fractures.		cb (2)			cb cb cb	
335			 eg: 330.5m.		Py 1% e.a. also rare blebs to 1cm.		Irregular CO_3 veining. cb (2)			cb cb cb	
340					Py trace.		cb-(2)			cb cb cb	
			Faulted contact: Disrupted bedding.						10 cm gouge & fault.	F	
345	SSSA	med gy	341.5 Fine-med grained qtz-lithic-mica sandstone Massive to weakly bedded. Minor f.g qtz sdst intervals. ie: 342.9 - 343.4m.		tr pyrite.		qtz-cb (1)				
350			Coarse beds with flattened mudstone clasts to 2cm. eg: 343.7m. Some f.g beds with ± bedding.		tr pyrite.	So: 345m. 55° to l.c.a.	qtz-cb (1)			cb	

PASMINCO EXPLORATION

DIAMOND DRILL HOLE LOGGING

Input

Hole_ID BOC 001.	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 10/9/04.

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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 %						
	SSSA	gy.	A. Above. F-med gr. qtz-lithic sdst. Weakly graded. Brecciated locally.	ser (1)		Fault: 40° to l.c.a.				F	
	SSSA	med gy. – gr gy	352.0 Med gr to greenish grey, siliceous, f-grained qtz-lithic sandstone. Generally massive,	s:l (1)		1	qtz-cb (1)		5cm gouge F Fault @ 351.7m	cb	
355											
			Common irregular cb-qtz veinlets	S:l(1)			qtz-cb (2)			cb q cb	
360			Typically 8-10 v.p.m.								
			Weakly silicified.	S:l (1)	tr sph as diss & irregular veinlets.		qtz-cb (2)			q cb	
365											
				S:l (1)	tr sph as blebs, diss & small veinlets.		qtz-cb (2)			sp q cb	
370											
			fine-med grained from 370m.	S:l (1)	trace sph as blebs, diss & irregular veinlets		qtz-cb (1)			sp q cb cb	
375											

PASMINCO EXPLORATION **DIAMOND DRILL HOLE LOGGING** Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 11/9/04

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 %						
380	SSSA	med gy	Similar to above. Med gy fine- med grained siliceous sandstone. Generally massive.	ser (1)	trace sph as blebs in small cb-qtz veinlets.		cb (1% sph) (1).			cb, sp, cb	
					trace - minor (<1%) sph assoc with cb veinlets sub// to l.c.a.		cb-sph veinlets sub// to l.c.a.			cb, sp, sp	
385	SSLW	medgy.	383.5 : Medium grey, medium grained qtz-lithic greywacke.		Minor diss. sph.					sp	
390			Qtz & lithic grains to 1mm. Sporadic, larger (to 2cm) elongated lithic clasts. eg: 388.0m. Locally coarse- v. coarse grained ie: 390.4m.		Minor diss. sph.	S_o: 389.0m. 24° ⇒ 128	cb (1)			sp, cb	C.O @ 389.5m
395	SSSA	dk gy	392.3m: Dark grey, f. grained qtz-lithic sandstone. Massive to weakly bedded.		Trace - minor (<1%) pyrite.		30cm Qtz-cb-chl vein @ 392.0m with volcaniclastic material (qtz-ftp).			Qtz-cb.	
			Fine- med grained at base of cycles. Base contacts, sharp & irregular.		a.a.	S_o: 65° to l.c.a.	cb (1)			FACING.	
400			398.2-398.3m: CO_3-Qtz vein.							Cb-Qtz Vein	
	SSSA	dk gy	398.7m: Fine grained qtz lithic sdst.		Trace Py.		Cb (2)				

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Hole_Type DDH.	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 13/9/04

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	
	SSSA	dk gy - med gy	Medium - dark grey, fine grained qtz-lithic sandstone. From 400-6m, generally massive. Broken ground 403.5m.	chl (1).	Trace pyrite. Trace - minor sph assoc. with cb veinlets.	S_0: 65° to l.c.a.	cb-chl (1)			cb sp cb	405.3m galena grain .3mm
405					sph: 1% to ga: trace. in cb veins & veinlets, trace pyrite.		cb-chl-sph (2)			sph sp cb sp	
	CFMF	gr gy	407.8m. Greenish grey coarse to v.c grained volcaniclastic mass flow.	Ser (1)	tr pyrite, tr sph.					cb	
410			Angular clasts of sericitic rhyolite & sediment with qtz & fsp + stals. Clasts generally 2mm - 5mm. Weakly chloritised matrix.	ser (1) chl (1)	trace sph. trace py.		cb (1)			cb sph	
415			Massive appearance.								
	SSSA	gr gy dk gy	415.1: Dark greenish grey, fine grained siliceous qtz-lithic sandstone. Minor med grained beds at top. Massive from 416m.	Ser (1) 420 - 421m	trace - minor sph (<1%)	S_0: 65° to l.c.a	cb (2) +/- sph			cb cb sp cb sp	
420											
	SESA/ CFSA	l.gy.	422.0m. Coarse - v. cgr volcaniclastic sandstone to mixed sandstone. Poorly sorted. Minor f-med gr qtz-lithic sdst beds	ser (1). chl (1) (ie: 424.5 - 424.9m)	trace - minor sph as mmscale blebs		rare cb.			cb.	
425											

PASMINCO EXPLORATION — **DIAMOND DRILL HOLE LOGGING** — Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 13/9/04

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 %						
	SESA/ CPSA	l. gy.	As. above. Poorly sorted volcaniclastic sdst. Angular volcanic clasts, mst clasts & qtz crystals.	chl (1) ser (1)	sph : 1% as blebs & veinlets.		cb (1)				
430			427.7m: Light greenish grey, fine & grained, siliceous qtz-lithic ~~sandstone~~.		trace sph		cb (1)		Broke @ 429.5m		
435	SSSA	l. gr gy	Massive appearance.		trace py/cpy @ 435m.		cb (1)				
440					trace sph veinlets.		cb (1)				
445			Broken from 444m.		trace sph. trace py		cb (1)				
450			Weakly silicified.	ser (1) Sil (1)	trace sph veinlets trace pyrite.		cb (1)				

PASMINCO EXPLORATION **DIAMOND DRILL HOLE LOGGING** Input

Hole_ID BoC001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 14/9/04

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 %						
	CFSA	gr gy	450.0. Greenish grey, coarse to v. c. grained, felsic volcaniclastic Sandstone.		Sph: 1% as blebs & veins.		cb (1)				
			Broken to 452.2m.	ser (1)	tr PY						
455			Comprises 1-2 mm fsp-qtz & lithic grains								
					PY ~ 1% diss.						
			Locally, qtz fragments to 1cm. eg: 458.8m.	ser (1)	trace sph.		cb (1)				
460											
					PY ~ 1%						
				ser (1)	trace sph.		cb (1)				
465											
	CFMF	gr gy - Y. gy.	465.9m: Polymict, greenish grey to yellowish grey, felsic, volcaniclastic mass flow.	ser (1) variable.	PY ~ 1%.		cb (1)				
			Angular rhyolite & ductile clasts to 10 cm		trace - minor sph: diss 0.5 - 1%.						
470											
					a.a. ~ 1% sph						
	SSSA	md gy - gr gy	472.8m: Medium grey to greenish grey, fine grained qtz-lithic sandstone. Siliceous. Weakly bedded.	Sil (1)	1% PY tr sph in cb veining	S_0: 53° to l.c.a.	cb (1)				
475											

PASMINCO EXPLORATION **DIAMOND DRILL HOLE LOGGING** Input

Hole_ID BOC 001.	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKRKA	Date 27/9/04

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 %						
480	SSSA	gr-gy	Greenish grey, weakly bedded, f-med grained qtz-lithic sandstone. Weak silicification. medium grained toward base.	Sil (1)	Minor (1-2%) sph as small veinlets & minor diss.	S_0: 58° to t.c.a.	cb-sph (2)				
485	CFSA to CFMF	med gy.	480.5m. Coarse-very coarse grained volcaniclastic x-stal rich sandstone to mass flow. Sporadic angular clasts (to 1cm) of sdst/slst.	Ser (1) chl (1)	Minor sph/py as blebs & diss. ~1-2%. Minor (1-2%) diss. pyrite		cb (1)				
490			Increased chl/ser alteration, 485-488m.	chl (2) ser (2).	sph (1%) py (1%)		cb (1) qtz (1)				
495	CRDR	white.	491.3m. White, rhyolitic breccia Bleached appearance. Greenish grey, chloritic, x-stal rich matrix. Minor sericitic alteration.	ser (1) chl (2)	pyrite 1%. rare tr. sph.		qtz (1)				
500	CFMF	gr-gy.	496.0m: Massive to weakly foliated dacitic volcaniclastic mass flow. Comprises large (to 3cm) x clasts of felsic volcanics & qtz-fsp x-stals. Disseminated sericitic alteration	chl (1) ser (1)	tr. py.				Broken 494.2 - 500m		

PASMINCO EXPLORATION **DIAMOND DRILL HOLE LOGGING** Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 27/9/04

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 %						
505	CFMF	Variable gr-gy to red-orange	Massive, poorly sorted, felsic, volcaniclastic mass flow. Angular clasts to 5cm of dacitic & rhyolitic volcanics.	Ser (1) reddish orange, hematitic? alteration to base.			cb (1)				
510			t-shal rich, sericite/chlorite altered matrix.	Ser (1) hem? (1)			cb (1)		Broken @ 505m.		
515			Generally 2-3 b.p.m.	Ser (1) chl (1).			cb (1)				
520			More coherent appearance. Rare volcanic clasts.	Ser (1).			cb (1) qtz-cb (1).				
525		y-gy to g.gy	2-4 b.p.m. Rhyolitic from ~ 522 m. Gradational to below.	Ser (1).		cb Vein. 36° to l.c.a.	cb (1). qtz-cb (1)				

PASMINCO EXPLORATION | **DIAMOND DRILL HOLE LOGGING** | Input

Hole_ID BOC 001	Project
Hole_Type DDH	Tenement_No.
Year 2004	Prospect
Geologist MICK SKIRKA	Date 27/9/04

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
			525.0m.							
	VFRH	Y-gy.	Yellowish grey to greenish grey, f- med grained rhyolitic volcanic & volcanic breccia.	hem (1)			cb-qtz (1)			
				ser (1)						
			Gradational transition from above.							
530			Weak reddish orange (hematitic?) alteration.							
				hem (1)			cb (1)			
							qtz (1)			
555			Jigsaw-fit breccia texture from 534m.							
			Reddish orange, l-gr rhyolitic (?) clasts.	hem ? (2).			cb (1)			
							qtz (1)			
540			539.5							
	VFDA	gr-gy.	Greenish grey, c. grained, fsp-phyric dacitic volcanic.	ser (1)						
			Weak sericite alteration.				cb (1)			
545										
			Reddish-orange, hematitic (?) alteration. 547-550m.	ser (1)						
				hem? (1)			cb (1)			
551.5										

EOH @ 551.5m.

EOH @ 551.5m.