845124

PASMINCO EXPLORATION
DIAMOND DRILL HOLE LOG

Hole ID
BPD81

DRILLING

Location	EL44/88 BURNS PEAK
Project	BURNS PEAK
Prospect	BROWN'S TUNNEL
Design By	R.A.Poltock
Logged By	R.A.Poltock
Relogged	
Commenced	28/3/1994
Completed	26/4/1994
Drilled By	EAST COAST DRILLING
Drill Rig	LONGYEAR 38

OBJECTIVE

An along strike test (100m to south) of the copper rich stringer and massive pyrite zones intersected in BPD78 (EAF section 5300N). In addition the hole was designed to test the interpreted synclinal structure and the Pinnacles Shear Zone.

RESULT

A thicker than expected Brown's Tunnel host sequence (245m) was intersected under a relatively thin hanging wall Pinnacles Rhyolite (128.7). 0.7m of massive sphalerite chalcopyrite was intersected, this lense is underlain by sericite carbonate altered pumice breccias and siltstones with broad intervals of sub-economic zinc mineralization.

COLLAR SURVEY (AMG)

AMG mN	5384590.9	Bearing	102.0
AMG mE	377419.5	Dip	-50.0
mN	5200.0	Hole Length	421.6
mE	4665.0	DH Survey Type	Eastman single
RL	426.6		

DOWNHOLE SURVEY (AMG)

Depth	Bearing	Dip
0.0	-50.00	102.00
50.0	-50.50	101.00
100.0	-49.50	102.00
150.0	-49.00	107.00
200.0	-46.00	113.00
250.0	-45.00	116.00
300.0	-44.00	118.00
350.0	-43.00	119.00
400.0	-41.00	120.00

SIGNIFICANT CORE LOSS

From	To	Loss

POOR GROUND CONDITION ZONES

From	To	Condition
65	67	Broken ground.
249	251	Broken ground.

HOLE SIZE

From	To	Size
0	39	HQ
39	421.6	NQ

HOLE CONDITIONS AFTER COMPLETION

Collar	0-3m HW casing.
Steel Casing	0-3m HW casing.
PVC Casing	0 - 421.60m.
Ground Water	Nil
Wedge	Nil
Drill Pad	On logging track, not rehabilitated.

SIGNIFICANT INTERSECTIONS

From	To	Int	Cu	Pb	Zn	Ag	Au	Comments
203.60	209.90	6.30		0.36	1.66			Massive carbonate chlorite lens.
225.30	226.00	0.70	2.09	1.42	19.40	9	0.1	Massive sphalerite with chalcopyrite stringers.

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PASMINCO EXPLORATION
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HOLE No. **BPD81**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
0.00	12.30	ACID VOLCANICLASTIC Cream, Orange, Fine grained, Medium grained, Core very weathered (friable) and broken. Abundant fine grained quartz grains. Due to intensity of weathering it is not possible to determine if it is a volcaniclastic or lava breccia. CONTACT: Gradational,	Moderately Oxidised, Slightly Silicified. Slightly Sericitised. Very weathered.		0			
12.30	15.00	ACID VOLCANICLASTIC Grey, Cream, Fine grained, Medium grained, Massive, Core broken. Silicification associated with quartz veining and sericitization. May be a quartzose volcaniclastic or lava breccia. CONTACT: Gradational,	Moderately Oxidised, Moderately Silicified.		10			
15.00	22.20	ACID VOLCANICLASTIC Cream, Medium grained, Massive, Blocky, Quartz phyric, Matrix sericitized with abundant quartz grains (<2mm). Block outlines are poorly defined due to weathering and alteration, blocks (<50mm) may be pumice or very finely flow banded rhyolite. CONTACT: Gradational,	Slightly Oxidised, Moderately Sericitised.		20			BEDDING. A 45. Could be bedding or flow banding.
22.20	32.10	ACID VOLCANICLASTIC Cream, Yellow, Medium grained, Foliated, Blocky, Quartz phyric, Feldspar phyric, Lithic, Feldspar crystals occasionally replaced by pyrite. Trace of pyrite throughout the interval. CONTACT: Faulted,	Moderately Oxidised. Moderately Sericitised.	DISSEMINATED. trace pyrite Associated with sericitization and replacing feldspar crystals..				

5 cm

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Vertical Scale 1 : 200

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PROJECT: BURNS PEAK

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
					30			
32.10	34.60	ACID LAVA Cream, Green, Fine grained, Flow brecciated, Quartz phyric, CONTACT: Gradational, Contact faulted.	Slightly Oxidised, Slightly Sericitised.					FAULT, A 30, Pug.
34.60	72.00	ACID LAVA Brown, Pink, Fine grained, Massive, Porphyritic, Quartz phyric, Feldspar phyric, Phenocrysts <2mm, feldspars sericitized. Rhyolite locally stipled, probably feldspar crystals associated with devitrification. From 58.20-72.00m stockwork of fine quartz veinlets. CONTACT: Faulted,	Slightly Oxidised.		40			FAULT, A 30, Pug.
					50			BROKEN CORE.

5 cm

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Vertical Scale 1 : 200

HOLE No. **BPD81**

PROJECT: BURNS PEAK

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
								BROKEN CORE,
		PUMICEOUS MASS FLOW Grey, Pink, Medium grained, Core very broken. Minor quartz veins. CONTACT: Faulted,						BROKEN CORE,
		FAULT ZONE (PUG)						
72.00	73.60	CONGLOMERATE MIXED WITH SILTSTONE MIXED WITH SANDSTONE Grey, Grey, Coarse grained, Fine grained, Bedded, Mass debris flow conglomerate with matrix and interbeds of grey to cream siltstone and crystal sandstone. Clasts in conglomerate to 10cm diameter of slightly fuchsite altered intermediate?, feldspar phyric, amygdaloidal lava? CONTACT: Conformable abrupt,	Moderately Sericitised, Moderately Silicified,		70			BROKEN CORE,
73.89	73.65	CHERT Grey, Brecciated, May be silicified siltstone. Contains abundant sericite and carbonate veinlets. CONTACT: Faulted,						FAULT, Brittle,
75.55	76.55	FAULT ZONE (PUG) Crush and pug zone at 10 LCA. CONTACT: Faulted,						FAULT, Pug,
77.20	79.30	ACID LAVA Fine grained, Amygdales, Amygdales quartz filled. CONTACT: Faulted,	Highly Bleached, Kaolinized?					BEDDING, A 30,
79.30	79.75	PUMICEOUS MASS FLOW Grey, Pink, Medium grained, Feldspar phyric, Galena and sphalerite replace some feldspar crystals. CONTACT: Faulted,						FAULT, A 10, Pug,
79.75	85.55	SILTSTONE White, Fine grained, Bleached and clay altered, adjacent to fault zone.			80			FAULT, Pug,
								FAULT, A 40,

5 cm

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PROJECT: BURNS PEAK

Vertical Scale 1 : 200

From	To	LITHOLOGY	ALTERATION	MINERALISATION	STRUCTURES
		SILTSTONE White, Fine grained, Bleached and clay altered, adjacent to fault zone. CONTACT: Faulted,			
85.55	88.35	ACID LAVA Brown, Pink, Fine grained, Massive, Brecciated, Quartz phyric, Feldspar phyric, Phenocrysts <3mm. Possible amygdaloidal mafic xenoliths at 81.75, 82.00 and 83.10m. Bleached zone between 79.75 - 80.70m. Crackle / hydrothermal brecciation between 84.00-85.35m. CONTACT: Conformable abrupt,	Slightly Sericitised, Slightly Silicified,		
88.35	92.30	SILTSTONE INTERBEDDED WITH SILTSTONE INTERBEDDED WITH SANDSTONE Grey, Fine grained, Fine grained, Massive, Laminated, Crystal, Siltstone slightly silicified and pyritic. Sandstone sericitized with clasts of carbonitized and fuchsite altered lava at 86.60m. CONTACT: Conformable abrupt,			BEDDING, A 30,
92.30	128.70	PUMICEOUS MASS FLOW Grey, Coarse grained, Massive, Aphyric, Patchy silica sericite alteration with disseminated pyrite and quartz carbonate sphalerite veinlets. CONTACT: Faulted,			FAULT, A 10, Shear, Sericitized shear at 0-20LCA.
		ACID LAVA Cream, Green, Massive, Flow banded, Feldspar phyric, Quartz phyric, Phenocrysts <3mm. Weak flow banding at 92.80m. Chilled glassy margin between 128.50-128.70m altered to sericite (feldspars carbonatized). CONTACT: Conformable abrupt,			FAULT, A 30, Shear, Sericitized.

GRAPHIC: Depth | Lith | Structures

90

100

110

5 cm

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5 cm
Vertical Scale 1 : 200

HOLE No. **BPD81**

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DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
					120			
128.70	140.20	PUMICEOUS MASS FLOW Cream, Pink, Coarse grained, Foliated, Feldspar phyric, Feldspar crystals carbonatized and in some cases replaced by sulfides. CONTACT: Conformable abrupt,	Moderately Sericitised, Slightly Carbonatised. Feldspar crystals carbonatized.		130			
140.20	142.00	ACID LAVA Cream, Pink, Fine grained, Massive, Quartz	Moderately Sericitised,		140			

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Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
140.20	143.00	ACID LAVA Cream, Pink, Fine grained, Massive, Quartz phyric, Feldspar phyric, Phenocrysts <3mm. Feldspars carbonaitized. CONTACT: Faulted,	Moderately Sericitised, Moderately Carbonatised. Pervasive pink manganiferous carbonatization plus cream carbonitization of feldspars.		140			FAULT. A 20, Sericitized and quartz veined.
143.00	199.60	FAULT ZONE (PUG) Sericitized and quartz veined. PUMICEOUS MASS FLOW Pink, Cream, Medium grained, Foliated, Pumiceous, Feldspar phyric, Some sericite patches may be stylolites rather than pumice fragments. Scattered fine grained cream clasts occur between 156 - 170m. A lens or block of fine grained rock occurs between 178.4 - 178.7m. CONTACT: Conformable abrupt,			150 160			

5 cm

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DIAMOND DRILL CORE LOG
Vertical Scale 1 : 200

HOLE No. **BPD81**

PROJECT: BURNS PEAK

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
					170			
			Highly Sericitised, Sericitization overprint in shear zone.					
			Moderately Sericitised, Moderately Carbonatised, Pervasive pink manganiferous carbonatization.					BROKEN CORE, Increased sericitization and foliation.
					180			FAULT, D 35, Crush zone.
			Intensely Chloritised.	DISSEMINATED, 2% pyrite				
			Slightly Chloritised, Slightly Sericitised, Moderately Silicified,	DISSEMINATED, 5% pyrite				
		5 cm			190			
			Intensely Chloritised,	DISSEMINATED, 10% pyrite Pyrite disseminated to semimassive. Cubic..				
195.50	202.60	CHERT Grey, Fine grained, Massive, Massive to weakly bedded. Abundant disseminated and semimassive pyrite	Intensely Sericitised.	DISSEMINATED, 1% pyrite				BEDDING, A 33,

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HOLE No. **BPD81**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
195.50	202.60	CHERT Grey, Fine grained, Massive, Massive to weakly bedded. Abundant disseminated and semimassive pyrite (200.9m). CONTACT: Conformable abrupt,	Intensely Sericitised, Slightly Silicified, Slightly Chloritised,	DISSEMINATED, 1% pyrite				BEDDING, A 33,
		MIXED WITH UNASSIGNED Yellow, Green, Fine grained, Feldspar phyric, Intensely sericitized, flecked with fine feldspar crystals? Abundant disseminated pyrite.						BEDDING, D 65, Sericitized.
		ALTERATION ZONE Green, Cream, Fine grained, Massive to irregularly banded. Cream to pink carbonate flecked with dark green chlorite. Disseminated fine grained cream sphalerite and veinlet chalcopyrite.		DISSEMINATED, 5% pyrite	200			BEDDING, D 67, Sericitized.
			Intensely Chloritised.					FIRST CLEAVAGE, D 58,
202.60	206.10	CONTACT: Conformable abrupt,	Intensely Carbonatised, Moderately Chloritised, Massive carbonate zone.	MASSIVE, carbonate trace chalcopyrite disseminated, trace galena disseminated, trace sphalerite disseminated. Massive to semimassive fine grained carbonate intergrown with fine grained chlorite. Irregular blotchy texture. Could be the lateral equivalent of a massive sulfide lens..				FIRST CLEAVAGE, D 70,
		MIXED WITH ALTERATION ZONE Minor but intense sericitization.						
		MASS FLOW Grey, Yellow, Medium grained, Poorly sorted, Lithic, Clasts to 40mm and include massive fine grained carbonate.						
206.10	211.85	CONTACT: Conformable abrupt,	Intensely Sericitised, Slightly Chloritised,	DISSEMINATED, 5% sphalerite sphalerite in veinlets, Sphalerite cream to black. 208.74-208.77 massive sphalerite clast?.				
		INTERBEDDED WITH MASS FLOW Grey, Yellow, Coarse grained, Crystal, Polymict, Clasts include fine grained cherty mudstone, fine grained massive sphalerite (208.75m) and massive silica pyrite (209.75m).	Moderately Sericitised,	DISSEMINATED, 2% pyrite	210			BEDDING, A 40.
		WITH MINOR CHERT Grey, Fine grained, Siliceous mudstone.						BEDDING, A 65.
211.85	220.00	INTERMEDIATE LAVA Cream, Green, Fine grained, Massive, Amygdales, Amygdales of carbonate chlorite. CONTACT: Faulted,	Highly Carbonatised, Slightly Fuchsitic, Fuchsite replacing feldspar phenocrysts.					
		WITH MINOR ALTERATION ZONE Fine grained carbonate.		STRINGER, trace chalcopyrite				
			Moderately Carbonatised, Slightly Fuchsitic,	VEIN, sphalerite pyrite				
220.00	243.40	PUMICEOUS MASS FLOW Cream, Grey, Medium grained, Massive, Lithic, Feldspar phyric, Interval is intensely altered and pumice fragments are the only discernable texture preserved in the matrix. Clasts include massive pyrite (224.7m), massive carbonate/sphalerite/pyrite (225.1-225.15m), massive sphalerite/chalcopyrite (225.32-225.38m and 225.60-225.97m), pyritic siltstone (232.4m) and fine grained silica/pyrite (232.85m)	Moderately Sericitised, Slightly Silicified, Slightly Carbonatised,	DISSEMINATED, trace sphalerite trace chalcopyrite Disseminated and veinlet..	220			
				CLAST, pyrite				
				CLAST, carbonate Clast? with trace pyrite>chalcopyrite>sphalerite..				
			Moderately Carbonatised, Slightly Sericitised,	CLAST, 20% sphalerite massive, 5%				

5 cm

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Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
		(225.1-225.15m), massive sphalerite/chalcopyrite (225.32-225.38m and 225.60-225.97m), pyritic siltstone (232.4m) and fine grained silica/pyrite (233.85m). CONTACT: Conformable abrupt,	Moderately Carbonatised, Slightly Sericitised,	CLAST, 20% sphalerite massive, 5% chalcopyrite as stringers, Irregular texture..				
			Moderately Sericitised, Slightly Silicified,	CLAST, 20% sphalerite massive, 5% chalcopyrite as stringers, Irregular texture..				
			Moderately Carbonatised, Slightly Sericitised, Pink manganiferous carbonate veins. Feldspar phenocrysts carbonatized.	DISSEMINATED, 2% sphalerite disseminated, trace chalcopyrite disseminated, trace galena disseminated.	230			FIRST CLEAVAGE, 0 85,
			Moderately Sericitised, Slightly Silicified, Sulphides replacing feldspar phenocrysts.	STRINGER, 1% sphalerite in veinlets, 1% galena in veinlets, trace chalcopyrite in veinlets.				
				STRINGER, 5% sphalerite as stringers, 1% galena as stringers, Sulfides occur as discontinuous veinlets and replacing feldspar phenocrysts..	240			
243.40	244.20	MASS FLOW Cream, Yellow, Medium grained, Poorly sorted, Matrix supported, Lithic, Quartz phyric, Clasts mainly fine grained silicified, may be siltstone/chert or lava.		DISSEMINATED, 1% pyrite disseminated, trace sphalerite in veinlets.				
244.20	255.90	ACID LAVA Cream, Grey, Fine grained, Peperitic, Feldspar phyric,	Slightly Carbonatised, Slightly Sericitised, Slightly Silicified, Silicified peperite matrix.		250			
		MIXED WITH CHERT Grey, Fine grained, CONTACT: Faulted,						

5 cm

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PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. **BPD81**

PROJECT: BURNS PERK

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
255.90	257.40	ACID LAVA Cream, Fine grained, Peperitic, Quartz phyric, CONTACT: Gradational,						
		MIXED WITH CHERT						
257.40	264.50	SANDSTONE Grey, Brown, Fine grained, Massive, Feldspar phyric, CONTACT: Gradational,						
		MIXED WITH MASS FLOW Grey, Medium grained, Lithic, Feldspar phyric, Sandstone mass debris flow. Clasts of fine grained quartz feldspar phyric felsic volcanic.		VEIN. 2% galena trace chalcopyrite in veins, Fault zone with hydraulic fracturing, breccia matrix quartz carbonate galena veined..	260			BROKEN CORE, Pug zone 263.50-263.60m
264.50	281.80	MASS FLOW Grey, Cream, Medium grained, Massive, Crystal, Lithic, Crystals feldspar > quartz. Lithics felsic volcanic, sericitized glass? and quartz feldspar porphyry. CONTACT: Conformable abrupt, Erosional		STRINGER, trace sphalerite Veinlets best developed in black and vitric siltstone beds. Massive fine grained pyrite lens at 279.95m..	270			
		CONTAINING CLASTS OF SILTSTONE Grey, Fine grained, Bedded, Rafts of black siltstone and laminated grey fine grained feldspathic sandstone.			280			PRIMARY FABRIC, Younging uphole, Mass debris flow unit facing uphole. Base predominantly ripup clasts of siltstone.

5 cm

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PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. **BPD81**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

From	To	LITHOLOGY	ALTERATION	MINERALISATION	STRUCTURES
					predominantly ripup clasts of siltstone.
281.80	292.50	SILTSTONE Grey, Vitric, CONTACT: Faulted, Fault plane 70LCA.			BEDDING, D 60,
		INTERBEDDED WITH SANDSTONE Cream, Fine grained, Feldspar phyric,			BEDDING, D 60,
		MASS FLOW Cream, Coarse grained, Lithic, Matrix siltstone, clasts sericitized quartz feldspar phyric lava and quartz feldspar porphyry. CONTACT: Faulted,			BEDDING, D 55,
		SANDSTONE Cream, Fine grained, Bedded, Vitric,			BEDDING, D 65,
292.50	293.00				BEDDING, D 55, Vitric siltstone/sandstone, grading may indicate above hole facing/younging, ie bedding at ◊ LCA and drill hole in same west dipping plane as bedding.
293.00	295.20	MASS FLOW Cream, Coarse grained, Lithic, Matrix sandstone, rip up clasts of siltstone and quartz feldspar porphyry blocks. CONTACT: Faulted,			BEDDING, D 45, Bedded vitric siltstone and sandstone, grading may indicate facing/younging above hole, ie drilling down dip.
295.20	296.30	SILTSTONE Cream, Fine grained, Vitric, This unit and it's relationship with adjacent lithologies is very similar to that between 270 - 278m. This repetition may explained by an anticline, vitric siltstone between 281.8 - 292.5m are in the fold closure. CONTACT: Conformable abrupt,			BEDDING, D 20, Vitric siltstone.
296.30	299.65	INTERBEDDED WITH SANDSTONE Cream, Crystal,		DISSEMINATED, 1% pyrite 5% sphalerite as stringers, Pyrite disseminated and in semimassive lenses. Sphalerite in quartz carbonate veinlets..	BEDDING, D 45, Vitric siltstone.
299.65	303.70	WITH MINOR SILTSTONE Black,	Moderately Sericitised, Slightly Silicified.		BEDDING, D 30.
		ACID LAVA Cream, Fine grained, Peperitic, Feldspar phyric, Quartz phyric,	Slightly Silicified, Slightly Sericitised.		BEDDING, D 37.
		MIXED WITH SILTSTONE Grey, Fine grained, Peperitic, Siltstone in peperite is silicified but thicker lenses are unaltered.		MASSIVE, 5% pyrite 2% sphalerite in veinlets, Narrow pyrite lenses..	
303.70	304.00				
304.00	310.60	MINERALISATION ZONE Semimassive pyrite with black siltstone and disseminated sphalerite.	Moderately Silicified, Moderately Sericitised, Silicified peperite matrix, Sericitized clasts.		
		ACID LAVA Cream, Fine grained, Peperitic, Feldspar phyric, Quartz phyric,			

GRAPHIC

Depth | Lith | Structures

280
290
300

5 cm

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PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. **BPD81**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
		phyric, Quartz phyric, MIXED WITH SILTSTONE						
310.60	312.50	SANDSTONE Cream, Fine grained, Vitric, CONTACT: Faulted, MIXED WITH SANDSTONE Grey, Green, Medium grained, Abundant fine chloritic fragments, glass or mafics?		VEIN, 0.5% sphalerite Scattered vein and blebby sphalerite..	310			
312.50	313.70	FAULT ZONE (PUG) Shear zone in mixed siltstone and sandstone.						FAULT, Shear, Shear in siltstone sandstone. Crush zone at 313m.
313.70	325.60	SILTSTONE Cream, Grey, Laminated, Vitric, WITH MINOR SANDSTONE Coarse grained, Lithic,		VEIN, trace sphalerite Carbonate quartz sphalerite vein 10mm at 0 LCA..	320			FAULT, Fault zone partially healed with quartz/chlorite/carbonate/sphalerite veining. 319m fault orientation 284.80 (RMG). 319.8m fault orientation 122.85(RMG).
325.60	338.35	ACID LAVA Grey, Pink, Fine grained, Peperitic, Quartz phyric, Feldspar phyric, Porphyry with variable texture, massive with fine grained unaltered groundmas/ wragged fine grained pink fragments/sericitized (after glass). CONTACT: Gradational, MIXED WITH SILTSTONE Grey, Fine grained, Peperitic,			330			FAULT, A 20,

5 cm

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Vertical Scale 1 : 200

HOLE No. **BPD81**

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DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
338.35	340.10	SILTSTONE Cream, Fine grained, Bedded, Vitric, MIXED WITH SANDSTONE Cream, Fine grained,	Moderately Silicified,	STRINGER, 2% sphalerite	340			FAULT, A 30, Pug,
340.10	346.30	SILTSTONE Grey, Fine grained, Laminated, Abundant quartz carbonate veinlets. Massive pyrite lenses between 344.3-344.4m. CONTACT: Faulted,		DISSEMINATED, 5% pyrite 0.5% sphalerite in veinlets,				BEDDING, D 78, BEDDING, D 75,
346.30	347.80	MASS FLOW Cream, Grey, Coarse grained, Lithic, Clasts of cream fine grained felsic and sericitized pumice. Matrix pyritic.	Moderately Sericitised, Slightly Silicified,					FAULT, A 30,
347.80	353.60	SILTSTONE Grey, Laminated, Abundant veinlets. CONTACT: Faulted,		STRINGER, 2% sphalerite trace galena in veinlets, Carbonate veinlets..	350			BROKEN CORE, BEDDING, D 75,
353.60	356.90	MASS FLOW Grey, Pervasive alteration (due to porosity?), matrix pyritic. WITH MINOR SILTSTONE Black,	Moderately Silicified, Slightly Sericitised,	DISSEMINATED, trace pyrite 1% sphalerite in veinlets,				FAULT, D 75,
356.90	360.70	SILTSTONE Pale, Grey, Fine grained, Massive, Silicified. CONTACT: Gradational, INTERBEDDED WITH SILTSTONE Grey, Fine grained, Laminated, WITH MINOR SANDSTONE Cream, Medium grained, Vitric,		DISSEMINATED, trace pyrite trace sphalerite				BEDDING, D 85, BEDDING, D 85,
360.70	361.80	DACITE Pale, Green, Fine grained, Perlitic, Amygdales, Feldspar phyric, May be thin flow, sill or clast. Contacts are sharp, with similar siltstone above and below suggesting that it is a sill. Perlitic texture occur at 361.7m. Phenocrysts chloritized. CONTACT: Conformable abrupt, Sharp.	Moderately Silicified. Associated with the margins of a dacite? sill?		360			
361.80	370.90	SILTSTONE Pale Grey, Fine grained, Massive						PRIMARY FABRIC, Younging uphole, Graded unit.

5 cm

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PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. **BPD81**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
		CONTACT: Conformable abrupt, Sharp. SILTSTONE Pale, Grey, Fine grained, Massive, INTERBEDDED WITH SILTSTONE Grey, Laminated,		DISSEMINATED, pyrite 2% sphalerite in veinlets,	370			uphole. Graded unit.
370.90	421.60	PUMICEOUS MASS FLOW Cream, Pink, Medium grained, Feldspar phyric,	Moderately Silicified, Moderately Sericitised, Slightly Silicified, Slightly Sericitised, Pink colour may be albite/Kfeldspar/carbonate, check whole rock.		380 390			

5 cm

845139

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. **BPD81**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
			check whole rock.					
			Slightly Sericitised,		400			
			Slightly Sericitised, Slightly Carbonatised, Feldspars carbonatized.	STRINGER. minor galena Galena quartz carbonate veinlets..				
			Moderately Silicified, Slightly Sericitised.					
			Slightly Sericitised, Slightly Carbonatised, Feldspars carbonatized.		410			
				VEIN, galena Galena quartz carbonate vein parallel LCA..	420			FAULT, A 40, Shear,

5 cm

845140

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG
Vertical Scale 1 : 200

HOLE No. **BPD81**

PROJECT: BURNS PEAK

DESCRIPTION					GRAPHIC			
From	To	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Structures	STRUCTURES
					420			FAULT. A 40. Shear. Sericitized.
					430			
					440			

5 cm