



# PAMINCO EXPLORATION DIAMOND DRILL CORE RECORD

HOLE No. BPD 78

Page 1 of

LOCATION		OBJECTIVE						LOCATION/SURVEY DATA (AMG)							
PROJECT	TASMANIA	Drill section 4 (EAF 6 & 9) is associated with the best Cu-Pb-Zn grades intersected to date at Browns Tunnels. BPD 78 was designed to test the down dip extent of the Browns Tunnel host sequence on this section.  <b>RESULT</b> The steep west dipping Browns Tunnel host sequence was intersected from 265.00 - 454.30m, and comprises siltstone, chert, felsic mafic flows and andesite lavas. The sequence is pervasively sericite-chlorite-carbonate-silica pyrite altered and includes a pyrite chalcopyrite stringer zone and massive pyrite lens.						Grid		AMG		RL Collar m		445 m	
PROSPECT	BURNS PEAK							Northing m		5384 700		Bearing Collar		101.50°	
DESIGNED BY	R. POLTOCK							Easting m		377 425		Dip Collar		-55°	
LOGGED BY	R. POLTOCK							DH Survey Type		EASTMAN CAMERA		Length Hole m		466.30	
RELOGGED	—							Depth m		Bearing		Dip		Depth m	
COMMENCED	27-9-'93	51		102.5°		-56.25°									
COMPLETED	18-10-'93	100		102.5°		-55°									
DRILLED BY	FRED ORTNER	154		103.5°		-54.75°									
DRILL RIG	MWD RIG F52	202		104°		-54°									
<b>SIGNIFICANT INTERSECTIONS</b>															
From m	To m	Interval m	Cu	Zn	Ag	Comments									
286.00	295.00	9.00	2.47%	0.21%	98 g/t	Pyrite chalcopyrite stringer									
322.90	333.00	10.10	1.39%	2.19%	53 g/t	Massive pyrite.									
<b>SIGNIFICANT CORE LOSS</b>															
From m	To m	% Lost	<b>POOR GROUND CONDITION ZONES</b>												
			From m	To m	Condition										
<b>HOLE SIZE</b>															
Size	Depth m	<b>HOLE CONDITIONS AFTER COMPLETION</b>													
HW	0-3	Collar	Steel Casing HW 0-6 m												
HQ	3-66	PVC Casing 0-466.30 m													
NQ	66-466.3	Ground Water													
		Wedge													
		Drill Pad													

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FROM	TO	SAMPLE	FROM	TO	SAMPLE
42.00	44.00	37397	330.00	331.00	37363
44.00	46.00	37398	331.00	332.00	37364
54.00	56.00	37399	332.00	333.00	37365
56.00	58.00	37400	333.00	335.00	37390
58.00	60.00	37501	335.00	337.00	37391
60.00	62.00	37502	337.00	339.00	37392
62.00	64.00	37503	339.00	341.00	37393
64.00	66.00	37504	341.00	343.00	37394
124.60	126.30	37344	355.00	357.00	37395
264.60	266.60	37366	357.00	359.00	37396
266.60	268.60	37367	400.00	402.00	37505
268.60	270.60	37368	402.00	404.00	37506
270.60	272.60	37369	404.00	406.00	37507
272.60	275.00	37370	406.00	408.00	37508
275.00	277.00	37371	408.00	410.00	37509
277.00	279.00	37372	410.00	412.00	37510
279.00	281.00	37373	412.00	414.00	37511
281.00	283.00	37374	414.00	416.00	37512
283.00	285.00	37375	416.00	419.20	37513
285.00	286.00	37345	419.20	421.20	37514
286.00	287.00	37346	421.20	423.90	37515
287.00	288.00	37347	423.90	426.00	37516
288.00	289.00	37348	426.00	428.00	37517
289.00	290.00	37349	428.00	430.00	37518
290.00	291.00	37350	430.00	432.00	37519
291.00	292.00	37351	432.00	434.00	37520
292.00	293.00	37352	434.00	436.00	37521
293.00	294.00	37353	436.00	438.00	37522
294.00	295.00	37354	438.00	440.00	37523
295.00	296.00	37355	440.00	442.00	37524
296.00	298.00	37376	442.00	444.00	37525
298.00	300.00	37377	444.00	446.00	37526
300.00	302.00	37378	446.00	448.00	37527
302.00	304.40	37379	448.00	450.00	37528
304.40	306.00	37380	450.00	452.00	37529
306.00	308.00	37381	452.00	454.00	37530
308.00	310.00	37382	454.00	456.00	37531
310.00	312.00	37383			
312.00	314.00	37384			
314.00	316.00	37385			
316.00	318.00	37386			
318.00	320.00	37387			
320.00	322.00	37388			
322.00	322.90	37389			
322.90	323.80	37356			
323.80	325.00	37357			
325.00	326.00	37358			
326.00	327.00	37359			
327.00	328.00	37360			
328.00	329.00	37361			
329.00	330.00	37362			

## BPD78 MAGNETIC SUSCEPTIBILITY

depth	value (10-3cgs)	formation code	lithology code
2.50	0.02	PR	La
5.00	0.04	PR	La
7.50	0.03	PR	La
8.90	0.06	PR	La
11.30	0.08	PR	La
15.20	0.03	PR	La
18.30	0.01	PR	La
20.80	0.02	PR	La
21.80	0.03	PR	La
22.90	0.01	PR	La
24.30	0.01	PR	La
27.40	0.01	PR	La
30.60	0.02	PR	La
33.40	0.02	PR	La
35.50	0.01	PR	La
38.60	0.05	PR	La
42.80	0.15	PR	La
45.80	0.02	PR	La
48.00	0.06	PR	La
51.10	0.04	PR	La
54.20	0.06	PR	La
56.00	0.09	PR	La
59.10	0.02	PR	La
62.20	0.01	PR	La
65.30	0.03	PR	La
66.00	0.06	PR	La
70.30	0.05	PR	La
76.30	0.01	PR	La
82.30	0.02	PR	La
94.30	0.04	PR	La
100.30	0.01	PR	La
106.30	0.10	PR	La
124.30	0.01	PR	La
130.30	0.01	PR	La
130.90	0.01	PR	La
136.30	0.17	PR	La
142.30	0.03	PR	La
178.30	0.01	PR	cht
202.30	0.01	PR	La
214.30	0.10	PR	La
220.30	0.14	PR	La
226.30	0.08	PR	La
232.30	7.00	PR	La
238.30	0.12	PR	La
244.30	0.11	PR	La
250.30	0.10	PR	La
256.30	0.12	PR	La
262.30	0.18	PR	La
267.60	7.00	BTS	Va
274.10	0.12	BTS	Va
280.30	0.26	BTS	Va

286.30	0.09	BTS	Va
292.30	0.10	BTS	Va
298.30	0.26	BTS	Va
302.20	0.30	BTS	Va
307.30	0.14	BTS	Va
313.30	0.11	BTS	Va
319.30	0.06	BTS	cht
323.30	0.04	BTS	Va
328.30	0.43	BTS	Va
332.90	0.80	BTS	Va
337.30	0.08	BTS	t
343.30	0.36	HA	Ln
349.30	0.27	HA	Ln
355.30	0.61	HA	mf
360.00	0.11	BTS	mf
364.30	0.10	BTS	mf
370.30	0.08	BTS	pmf
376.30	0.09	BTS	pmf
378.70	0.15	BTS	pmf
380.80	0.11	BTS	mf
383.40	0.08	BTS	mf
388.30	0.16	BTS	mf
394.30	0.15	BTS	mf
394.60	0.05	BTS	mf
397.00	0.08	BTS	mf
399.30	0.11	BTS	mf
402.80	0.07	BTS	mf
409.30	0.05	BTS	mf
414.70	0.11	BTS	mf
421.20	0.09	CVC	Ia
425.30	0.08	BTS	slt
430.30	0.08	BTS	mf
434.00	0.06	BTS	slt
438.50	0.04	BTS	slt
441.80	0.08	BTS	mf
448.30	0.16	BTS	slt
454.30	0.08	CVC	pmf
460.30	0.08	CVC	pmf
466.00	0.05	CVC	pmf

## BPD78 SPECIFIC GRAVITY

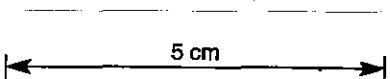
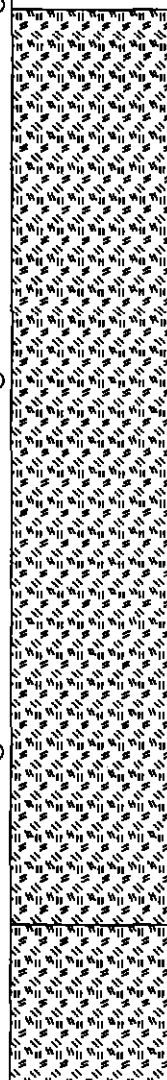
depth	value	formation code	lithology code
82.30	2.57	PR	La
114.10	2.69	PR	La
130.90	2.52	PR	La
163.60	2.50	PR	cht
214.20	2.59	PR	La
262.00	2.61	PR	La
303.00	2.54	BTS	Va
319.90	2.55	BTS	cht
346.00	2.68	HA	Ln
360.20	2.62	BTS	mf
421.10	2.59	CVC	Ia
460.30	2.68	CVC	pmf

PASMINCO EXPLORATION  
DIAMOND DRILL CORE LOG  
Vertical Scale 1 : 200

HOLE No. **BPD78**

PROJECT: BURNS PEAK

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DESCRIPTION		GRAPHIC		CODES						
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
0.00	24.40	<p>ACID LAVA Cream, Orange, Fine grained, Feldspar phyrlic, Quartz phyrlic, Oxidised, Core very broken, poor recovery.</p> 	<p>on fractures. Limonite and manganese on joints and fractures..</p>	0				L La		ox
24.40	62.00	<p>ACID LAVA Cream, Orange, Flow brecciated, Feldspar phyrlic, Quartz phyrlic, Oxidised, Slightly Silicified, Breccia blocks all quartz feldspar phyrlic but variable textures from massive to flowbanded.</p>		10					L La	

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PASMINCO EXPLORATION

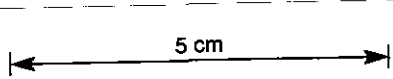
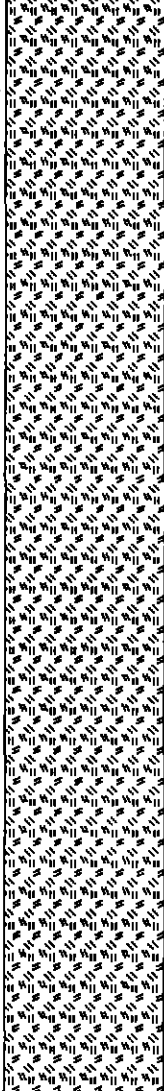
HOLE No. **BPD78**

DIAMOND DRILL CORE LOG

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

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DESCRIPTION		GRAPHIC			CODES						
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT	
				30							
						40					
				STRONGER, minor pyrite Fine grained silica pyrite in breccia matrix..							
				STRONGER, minor pyrite Fine grained silica pyrite in breccia matrix, from 61.5-69.4 associated with cherty stringers. Trace of sphalerite at 61.2m..		50					

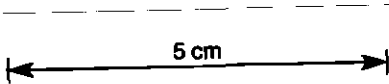
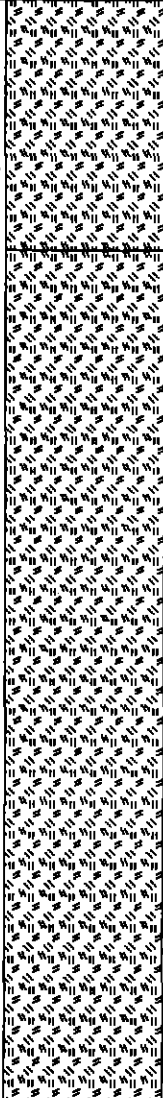
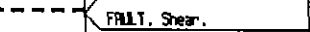
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PASMINCO EXPLORATION  
 DIAMOND DRILL CORE LOG  
 Vertical Scale 1 : 200

HOLE No. **BPD78**

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
										
62.00	111.70	ACID LAVA Cream, Grey, Brecciated, Feldspar phyrlic, Quartz phyrlic, Silicified, Slightly Sericitised, Brecciation hydrothermal(breccia scale 1-20cm), silica/sericite/carbonate/pyrite alteration in matrix and block margins(locally intense). Sparsely quartz feldspar phyrlic <2mm.						L La		sil ser
										fit

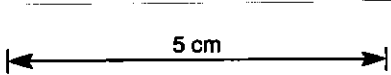

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PASMINCO EXPLORATION  
 DIAMOND DRILL CORE LOG  
 Vertical Scale 1 : 200

HOLE No. **BPD78**

PROJECT: BURNS PEAK

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
										
			STRANGER, minor pyrite Fine grained silica pyrite in breccia matrix..	90						
				100						
			STRANGER, very minor pyrite Fine grained silica pyrite in breccia matrix..	110						
111.70	119.00	ACID LAVA						L La		ser

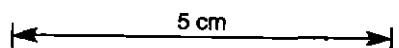
953088

PASMINCO EXPLORATION  
DIAMOND DRILL CORE LOG  
Vertical Scale 1 : 200

HOLE No. **BPD78**

PROJECT: BURNS PEAK

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DESCRIPTION		GRAPHIC			CODES						
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT	
111.70	119.00	ACID LAVA Cream, Yellow, Flow banded, Feldspar phyrlic, Quartz phyrlic, Stylolites, Moderately Sericitised, Sericitized patches are feldspar>quartz phyrlic as for the surrounding material, the sericite may be alteration stylolites or after glass.  MIXED WITH CHERT Grey, Cherty material as matrix to breccia, associated with fine pyrite.	pyrite in breccia matrix..  STRINGER, abundant pyrite Pyrite fine grained associated with cherty peperite?.					L La		ser	
119.00	129.00	ACID LAVA Cream, Yellow, Flow banded, Feldspar phyrlic, Sericitised, Moderately Silicified, Alternating sericitized and unaltered bands defining glass and devitrified material.  	DISSEMINATED, IX sphalerite galena in veinlets. sphalerite galena  DISSEMINATED, sphalerite galena in veinlets, sphalerite galena Sphalerite) galena disseminated to sparsely spotted, possibly replacing feldspar phenocrysts. Widest vein between 136.2 -136.3, mainly sphalerite associated with a shear..	120				D 60.	L La		ser sil
129.00	147.00	ACID LAVA Cream, Fine grained, Flow banded, Feldspar phyrlic, Quartz phyrlic, Moderately Sericitised, Sericite zones are sparsely feldspar/quartz phyrlic to aphyric, sericite may be after glass or alteration stylolites.		130				D 45.	L La		ser
				140							

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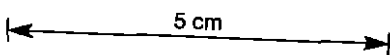
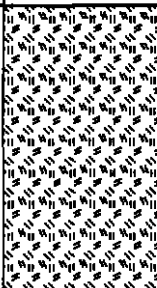
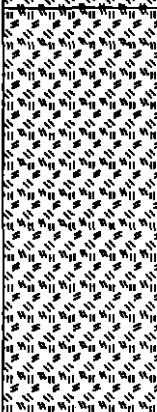




PASMINCO EXPLORATION  
DIAMOND DRILL CORE LOG

HOLE No. **BPD78**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
				-140						
147.00	158.00	<p>ACID LAVA Pink, Grey, Flow banded, Flow brecciated, Feldspar phyrlic, Moderately Sericitised, Sericitic domains are feldspar phyrlic, represent chilled glass bands. Flow brecciation below 155m. CONTACT: Gradational.</p>		-150				L La		ser
158.00	158.90	<p>SILTSTONE Pale, Grey, Brecciated. CONTACT: Faulted, at 30 degrees to LCA. MIXED WITH SANDSTONE</p>						S silt		
158.90	162.10	<p>Lithic, Siltstone siliceous cherty. Sandstone pebbly, mainly siliceous siltstone fragments.</p> <p>ACID LAVA Cream, Grey, Fine grained, Massive, Feldspar phyrlic, Quartz phyrlic, Slightly Sericitised, Feldspar &gt; quartz phyrlic (&lt;2mm), feldspar sericitized. CONTACT: Conformable abrupt, Contact sharp and irregular, rhyolite sericitized possibly after chilled glassy contact.</p>		-160				L La	flt	ser
162.10	163.80	<p>CHERT</p>						S chrt		
163.80	175.30	<p>ACID LAVA Pale, Grey, Fine grained, Massive. CONTACT: Conformable abrupt, at 10 degrees to LCA.</p> <p>ACID LAVA Cream, Grey, Fine grained, Massive, Feldspar phyrlic, Quartz phyrlic. at 50 degrees to LCA. Margins of flow weakly flowbanded.</p>						L La		
								D 50.		
								FALLT. D 30.		

060096

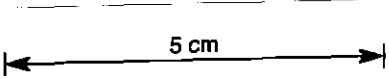
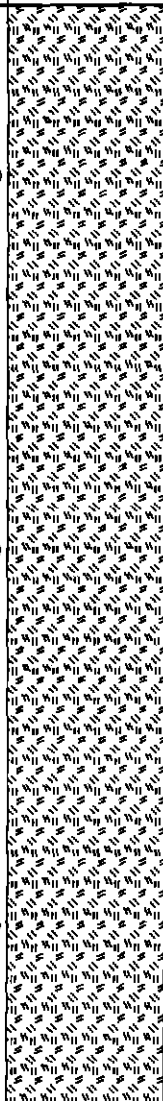


PASMINCO EXPLORATION  
 DIAMOND DRILL CORE LOG  
 Vertical Scale 1 : 200

HOLE No. **BPD78**

PROJECT: BURNS PEAK

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DESCRIPTION		GRAPHIC			CODES						
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT	
				200							
				210							
				220							
							0 20. Flow banding varying from 0 - 40LCR.				

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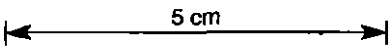
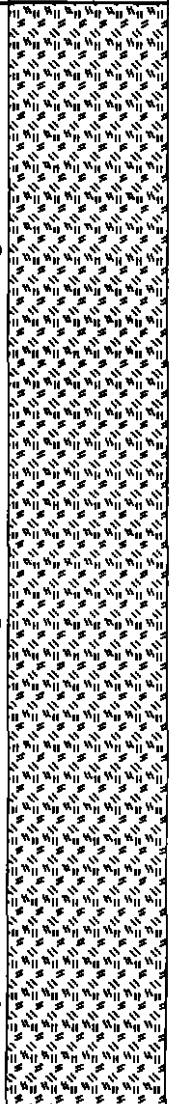
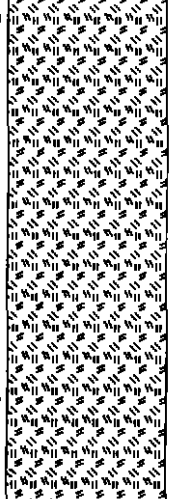

PRSMINCO EXPLORATION  
DIAMOND DRILL CORE LOG

HOLE No. **BPD78**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

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DESCRIPTION			GRAPHIC			CODES				
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
				-230						
				-240						
				-250						

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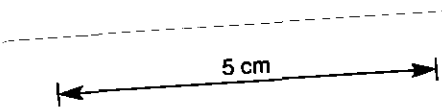

PASMINCO EXPLORATION  
DIAMOND DRILL CORE LOG

HOLE No. **BPD78**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
				260						
265.00	285.00	<p>ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Green, Cream, Medium grained, Pumiceous, Feldspar phytic, Highly Sericitised, Slightly Carbonatised, Massive to weakly banded, sparsely feldspar phytic (carbonate sulfide altered), apparent lithological variability due to varying styles and intensities of alteration.</p>	<p>DISSEMINATED, trace pyrite trace galena trace sphalerite chalcocopyrite disseminated.</p>	270			<p>FAULT, D 50.</p> <p>BROKEN CORE. Fault.</p>	V Va pmf	fit bk	ser co
			DISSEMINATED, pyrite	280			<p>FAULT, Sericitic gouge and pale pink carbonate vein.</p>		fit	

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PRSMINCO EXPLORATION  
DIAMOND DRILL CORE LOG

HOLE No. **BPD78**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

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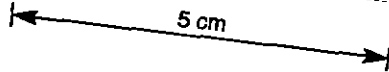
DESCRIPTION			GRAPHIC			CODES				
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
			DISSEMINATED, pyrite	280			pink carbonate vein.			
			DISSEMINATED, pyrite Sphalerite galena as blebs..				D 60, Pug. Sericite pyrite and carbonate vein.			
			DISSEMINATED, pyrite							
285.00	293.80	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Green, Cream, Medium grained, Pumiceous, Feldspar phyrlic, Intensely Silicified.	STRANGER, pyrite & chalcopyrite On contact at 286.45 approx 10cm of spotty pale brown sphalerite rimmed by dark brown sph..	290				V Va pmf		sil
293.80	297.70	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Cream, Medium grained, Pumiceous, Feldspar phyrlic, Intensely Chloritised.						V Va pmf		chl
297.70	304.10	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Cream, Medium grained, Pumiceous, Feldspar phyrlic, Moderately Sericitised.		300				V Va pmf		ser
			DISSEMINATED, pyrite							
304.10	306.80	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Green, Medium grained, Pumiceous, Feldspar phyrlic, Highly Chloritised.						V Va pmf		chl
306.80	311.50	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Cream, Medium grained, Pumiceous, Feldspar phyrlic, Highly Sericitised, Highly Silicified.						V Va pmf		ser sil

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PASMINCO EXPLORATION

HOLE No. **BPD78**

PROJECT: BURNS PEAK



DIAMOND DRILL CORE LOG

Vertical Scale 1 : 200

DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		Cream, Medium grained, Pumiceous, Feldspar phyrlic, Highly Sericitised, Highly Silicified.						pmf		sil
			DISSEMINATED, pyrite	310						
311.50	316.30	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Cream, Green, Medium grained, Pumiceous, Feldspar phyrlic, Moderately Chloritised, Moderately Silicified.						V Va pmf		chl sil
316.30	321.40	CHERT PUMICEOUS MASS FLOW Pale, Grey, May be an intensely silicified fine to medium grained volcaniclastic.	DISSEMINATED, pyrite as stringers, pyrite Localized veins of sph>ccp..	320				V cht pmf		
321.40	323.90	ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Green, Yellow, Fine grained, Medium grained, Intensely Sericitised, Texturally variable, weakly banded to massive. Scattered pale grey siliceous clasts to 12mm.	DISSEMINATED, 1% sphalerite Sphalerite disseminated and blebs <10mm..					V Va pmf		ser
323.90	322.90	<b>MASSIVE PYRITE</b>	MASSIVE, pyrite 1% chalcocopyrite disseminated, Pyrite massive to interbanded with chlorite, several generations of pyrite may occur varying from fine grained to 5mm cubes. Disseminated to blebby chalcocopyrite occurs throughout 0.5 - 1.0%. Pale brown sphalerite as scattered blebs to 20mm occur between 328.5 - 328.7 and 332.0 - 332.2m..	330						
		ACID VOLCANICLASTIC PUMICEOUS MASS FLOW Yellow, Green, Highly Chloritised, Intense sericitization makes protolith difficult to establish.								
332.80	333.40	CHERT PUMICEOUS MASS FLOW	DISSEMINATED, pyrite Minor veinlets of sph gna ccp..							
333.40	333.90	CHERT PUMICEOUS MASS FLOW Pale, Grey, Highly Silicified, Highly Sericitised.						V Va		sil
333.90	335.00	ACID VOLCANICLASTIC UNASSIGNED Yellow, Green, Highly Silicified, Highly Sericitised.						S t ?		ser
335.00	338.90	TURBIDITE UNASSIGNED								

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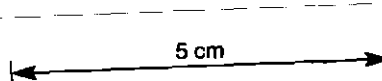
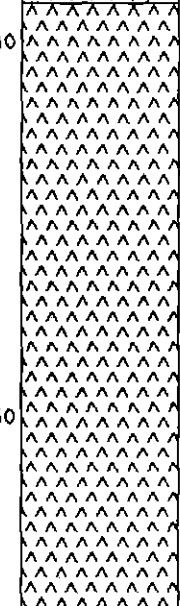
PASMINCO EXPLORATION  
DIAMOND DRILL CORE LOG

HOLE No. **BPD78**

PROJECT: BURNS PEAK

Vertical Scale 1 : 200

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STA	ALT
338.90	355.20	<p>Yellow, Green, Highly Silicified, Highly Sericitised.</p> <p><b>TURBIDITE UNASSIGNED</b> Fine grained, Coarse grained, Bedded, Lithic, Slightly Sericitised, Ambient sedimentation fine siliceous siltstone and sandstone with thin turbidite/mass flows derived from felsic volcanics, ripup clasts of mudstone and abundant sericitized glass/pumice. Grading probably up hole.</p> <p><b>ANDESITE UNASSIGNED</b> Grey, Green, Fine grained, Massive, Amygdales, Moderately Carbonatised.</p> <p><b>WITH MINOR CHERT LIMESTONE</b> Cherty laminated mudstone between 345.40-345.50 and possible limestone pepperite between 347.50-347.60m.</p> 	<p>VEIN. 2% sphalerite pyrite disseminated. pyrite Veins also with a trace of gna cqp..</p> <p>VEIN. quartz carbonate Veins with a trace of sph cqp..</p>	340				L Ln ?		co
355.20	365.50	<p><b>MASS FLOW LIMESTONE</b> Grey, Brown, Fine grained, Medium grained, Lithic, Feldspar phyrlic, Quartz phyrlic, Slightly Sericitised, Contacts with enclosing sediments appear gradational with localized blocky texture in the andesite. Abundant sericitized glass/pumice clasts and ripup clasts of grey vitric siltstone &lt;50mm. Graded beds and load castes indicate uphole facing at 360.2m.</p>	<p>VEIN. 5% sphalerite pyrite Veins subparallel to core axis..</p> <p>VEIN. trace sphalerite Veins and blebs of sphalerite, locally more abundant in siltstones adjacent to the quartz feldspar porphyry (419.15-423.90m)..</p>	360			<p><b>FAULT, D 10, Shear.</b> Annealed with sphalerite/pyrite/chalcopyrite.</p> <p><b>BEDDING, D 70.</b></p>	S mf 1st	flit	ser

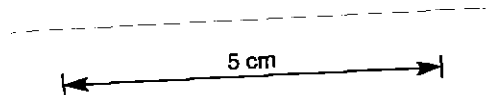
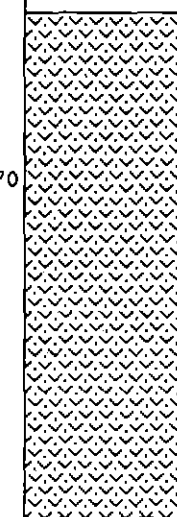
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DIAMOND DRILL CORE LOG  
Vertical Scale 1 : 200

HOLE No. **BPD78**

PROJECT: BURNS PERK

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DESCRIPTION		GRAPHIC		CODES						
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
							BEDDING, D 70.		ss	
							BEDDING, D 90.		ss	
365.50	379.00	<p>PUMICEOUS MASS FLOW ACID VOLCANICLASTIC Pink, Grey, Coarse grained, Blocky, Slightly Sericitised, Increasing size and abundance of grey cherty pyritic ripup clasts downhole.</p> 		370				V pmf Va		ser
379.00	392.50	<p>MASS FLOW ACID VOLCANICLASTIC Grey, Cream, Fine grained, Medium grained, Bedded, Vitric, Feldspar phyric, Quartz phyric, Scattered dark grey cherty siltstone ripup clasts.</p>		380			FAULT. Sericitic	S mf Va		flt
				390						

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PASMINCO EXPLORATION  
DIAMOND DRILL CORE LOG

HOLE No. **BPD78**

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
392.50	403.70	<p>MASS FLOW ACID VOLCANICLASTIC Grey, Fine grained, Coarse grained, Bedded, Polymict, Feldspar phyrlic, Quartz phyrlic, Cherty siltstone top to coarse grained polymict base. Clasts include siliceous siltstone, crystal sandstone, quartz feldspar porphyry and minor fine massive pyrite.</p> <p style="text-align: center;">5 cm</p>		400				S mf Va		
403.70	406.50	<p>SILTSTONE ACID VOLCANICLASTIC Dark, Grey, Interlayered with vitric siltstone and felsic mass debris flows.</p>						S silt Va		
406.50	407.40	<p>MASS FLOW ACID VOLCANICLASTIC Cream, Grey, Medium grained, Contact at 407.4 load castes indicating up hole facing.</p>						S mf		
407.40	408.30	<p>SILTSTONE ACID VOLCANICLASTIC Grey, Massive, Laminated, With minor vitric siltstone.</p>						S silt		
408.30	411.90	<p>MASS FLOW ACID VOLCANICLASTIC Fine grained, Coarse grained, Massive, Lithic, Feldspar phyrlic, Quartz phyrlic.</p>		410				S mf Va		
411.90	416.40	<p>MASS FLOW ACID VOLCANICLASTIC Fine grained, Coarse grained, Polymict, Graded unit from coarse base to sandstone top. Clasts include sericitized crystal rich glass/pumice, quartz feldspar porphyry and siltstone ripup clasts.</p>						S mf Va		
416.40	419.15	<p>SILTSTONE ACID VOLCANICLASTIC Dark, Grey, Laminated, Lamina frequently soft sediment deformed.</p> <p>WITH MINOR SILTSTONE ACID VOLCANICLASTIC Cream, Vitric.</p> <p>WITH MINOR MASS FLOW ACID VOLCANICLASTIC</p>					BEDDING, 0.75.	S silt Va	SS	
419.15	423.90	<p>ACID INTRUSIVE ACID VOLCANICLASTIC Cream, Grey, Medium grained, Massive, Feldspar phyrlic, Quartz phyrlic, Moderately Silicified, Groundmass fine grained.</p>		420				T la Va		sil

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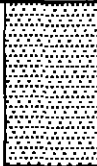
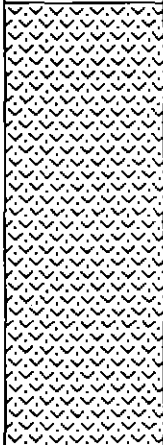


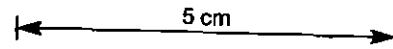
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DIAMOND DRILL CORE LOG  
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HOLE No. BPD78

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		<p>INTERBEDDED WITH SILTSTONE ACID VOLCANICLASTIC Pale, Grey, Vitric.</p> <p>WITH MINDR SANDSTONE ACID VOLCANICLASTIC Feldspar phyrlic, Quartz phyrlic.</p>		450		<p>BEDDING, D 55.</p> <p>BEDDING, D 45.</p> <p>BEDDING, D 60.</p> <p>BEDDING, D 53.</p>		SS		
451.75	454.30	<p>MASS FLOW ACID VOLCANICLASTIC Medium grained, Coarse grained, Lithic, Lithics include siltstone ripup clasts, vitric siltstone and sericitized crystal rich glass/pumice.</p>						S mf Va		
454.30	466.30	<p>PUMICEDUS MASS FLOW ACID VOLCANICLASTIC Cream, Pink, Fine grained, Medium grained, Feldspar phyrlic, Quartz phyrlic, Stylolites, Moderately Silicified, Slightly Sericitised.</p> <p>GRADING TO SILTSTONE ACID VOLCANICLASTIC Vitric.</p>		460				V pmf Va		sil ser
				470						



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