HOLE No. NPD 5

PASMINCO EXPLORATION
DIAMOND DRILL CORE RECORD

Page of

LOCATION	TASMANIA
PROJECT	EL 8/90
PROSPECT	NORTH PINNACLES
DESIGNED BY	R. Poltock
LOGGED BY	R. Poltock
RELOGGED	–
COMMENCED	7-12-93
COMPLETED	15-1-94
DRILLED BY	FL. DL ORTNER
DRILL RIG	LONGYEAR 44

OBJECTIVE

Target Zn rich VHMS mineralization in the Brown's Tunnel host sequence (EL 44/88) beneath the Pinnacles Rhyolite.

RESULT

The hole remained in Pinnacles Rhyolite, drilling 737m of this unit.
Pervasive silicification intersected between 55-241m
Gold values in this zone ≤ 0.02g/t.

LOCATION/SURVEY DATA (AMG)

Grid	AMG		RL Collar m	560 m
Northing m	5387100 N		Bearing Collar	270°
Easting m	379275E		Dip Collar	-80°
DH Survey Type			Length Hole m	781.6m

Depth m	Bearing	Dip	Depth m	Bearing	Dip
49.8m	267	-81°			
100 m	261	-81°			
151 m	273°	-81°			
199 m	278°	-81°			
250 m	280°	-81°			
301 m	279°	-81°			
349 m	281°	-82°			
400 m	281°	-81°			
451 m	282°	-81°			
499 m	280°	-81°			
556 m	279°	-81°			
607 m	280°	-81°			
652 m	286°	-81°			
700 m	282°	-82°			

SIGNIFICANT INTERSECTIONS

From m	To m	Interval m	Pb	Zn				Comments
279.50	280.50	1	2.11%					Galena/sphalerite veins
360.00	362.00	2	0.38%	0.14%				Pyritic fault zone
677.00	679.20	2.2	0.23%	0.95%				Sphalerite in epiclastic

SIGNIFICANT CORE LOSS

From m	To m	% Lost

POOR GROUND CONDITION ZONES

From m	To m	Condition

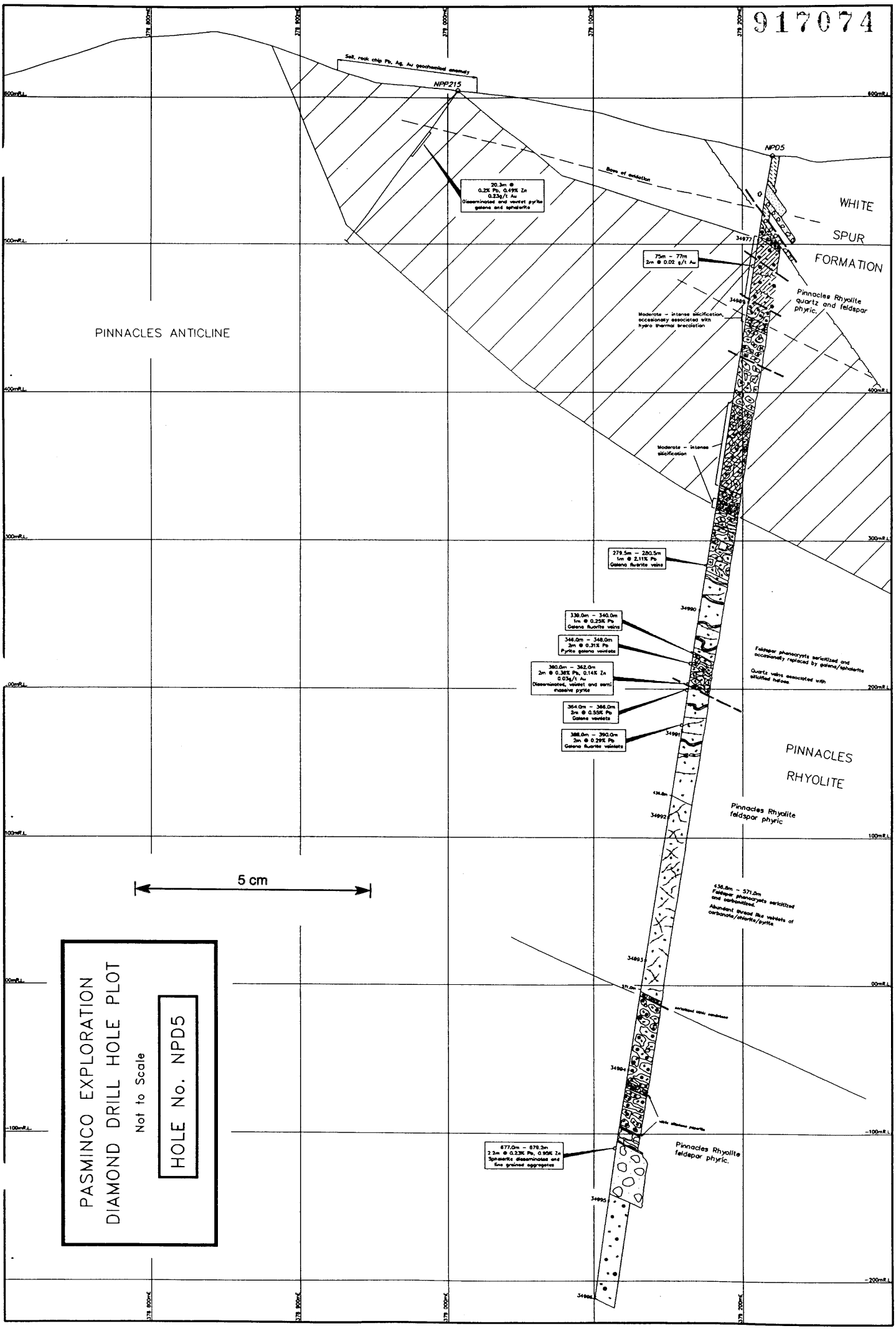
HOLE SIZE

Size	Depth m
HQ	0 - 51.1m
NQ	51.1 - 781.6

HOLE CONDITIONS AFTER COMPLETION

Collar	STEEL CAP
Steel Casing	3m HW.
PVC Casing	NIL
Ground Water	–
Wedge	–
Drill Pad	No rehabilitation, site on 4WD track.

91/2073


Soil, rock chip Pb, Ag, Au geochemical anomaly
NPP215
NPD5
Base of oxidation
20.3m @ 0.2% Pb, 0.49% Zn 0.23g/t Au Disseminated and vein pyrite galena and sphalerite
WHITE SPUR FORMATION
75m - 77m 2m @ 0.02 g/t Au
Pinnacles Rhyolite quartz and feldspar phyric.
Moderate - intense silicification occasionally associated with hydro thermal brecciation
PINNACLES ANTICLINE
Moderate - intense silicification
279.5m - 280.5m 1m @ 2.11% Pb Galena fluorite veins
330.0m - 340.0m 1m @ 0.25% Pb Galena fluorite veins
348.0m - 348.0m 2m @ 0.31% Pb Pyrite galena veinlets
360.0m - 362.0m 2m @ 0.38% Pb, 0.14% Zn 0.03g/t Au Disseminated, veinlet and semi massive pyrite
364.0m - 366.0m 2m @ 0.55% Pb Galena veinlets
388.0m - 390.0m 2m @ 0.29% Pb Galena fluorite veinlets
Feldspar phenocrysts sericitized and occasionally replaced by galena/sphalerite
Quartz veins associated with silicified halos
PINNACLES RHYOLITE
Pinnacles Rhyolite feldspar phyric
436.8m - 571.0m Feldspar phenocrysts sericitized and carbonatized. Abundant thread like veinlets of carbonate/chlorite/pyrite
677.0m - 679.2m 2.2m @ 0.23% Pb, 0.95% Zn Sphalerite disseminations and fine grained aggregates
Pinnacles Rhyolite feldspar phyric.
5 cm
PASMINCO EXPLORATION
DIAMOND DRILL HOLE PLOT
Not to Scale
HOLE No. NPD5

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

HOLE No. **NPD5**

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
0.00 – 16.30 m SILTSTONE Grey, Fine grained, Laminated, Moderately Oxidised, 0.00 – 16.30 m CONTAINING LAMINAE OF SANDSTONE Cream, Medium grained, Crystal, Quartz phyric, Feldspar phyric, Slightly Oxidised, Sandstone bands <50mm thick, fine to medium grained, composed of crystal fragments. 5 cm	DISSEMINATED, minor pyrite Pyrite mainly in sandstone lenses..	0 10			BEDDING, A 80, Younging uphole. BEDDING, A 50, Younging uphole, Uphole facing indicated from grading and load/flame structures.	S slt S sst	ss ss	ox ox
16.30 – 19.00 m SANDSTONE Grey, Green, Fine grained, Bedded, Slightly Oxidised, CONTACT: Gradational,		20				S sst		ox
19.00 – 27.70 m SANDSTONE Grey, Green, Medium grained, Coarse grained, Massive, Crystal, Quartz phyric, Feldspar phyric, Slightly Oxidised, CONTACT: Gradational,	sphalerite in veinlets, Sphalerite>galena in fine discontinuous veinlets and spots..				BEDDING, A 75,	S sst	ss	ox
27.70 – 33.00 m SANDSTONE Grey, Medium grained, Coarse grained, Upwards fining sequence, Matrix supported, Crystal, Lithic, Slightly Oxidised, Clasts to 75mm, polymict, subrounded, mainly felsic volcanics, some pyritic. CONTACT: Conformable abrupt,		30				S sst		ox
33.00 – 39.40 m SILTSTONE Dark, Grey, Fine grained, Laminated, Base of oxidation at 34.8m. CONTACT: Faulted, Possible fault movement on contact	DISSEMINATED, 0.5% pyrite Fine disseminated pyrite on bedding plus coarser				BEDDING, A 80,	S slt	ss	

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

HOLE No. **NPDS**

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
SILTSTONE Dark, Grey, Fine grained, Laminated, Base of oxidation at 34.8m. CONTACT: Faulted, Possible fault movement on contact. CONTAINING LAMINAE OF SANDSTONE Cream, Medium grained, Coarse grained, Poorly sorted, Crystal, Lithic,	Fine disseminated pyrite on bedding plus coarser pyrite grains on joint faces..				FOLD, Small scale folding associated with faulting and cleavage development.		fold ss	
39.40 - 44.00 m CONGLOMERATE Cream, Pink, Very coarse grained, Poorly sorted, Polymict, Crystal, Clasts <200mm of feldspar/quartz phyric lava (Pinnacles Rhyolite), black siltstone, sericitized glass and coarse quartz feldspar crystal sandstone. Conglomerate is clast to matrix supported. CONTACT: Conformable abrupt, WITH MINOR SANDSTONE Cream, Medium grained, Bedded, Crystal, Lithic, CONTAINING LAMINAE OF SILTSTONE Dark, Grey, Fine grained, Laminated, Some black siltstone may be rafts within a mass flow conglomerate.	DISSEMINATED, minor pyrite Disseminated in matrix and as fine grained blebs..	40			BEDDING, A 45.	S cong		
44.00 - 55.60 m ACID LAVA Cream, Brown, Fine grained, Hyaloclastitic, Porphyritic, Feldspar phyric, Quartz phyric, Slightly Sericitised, Slightly Albitised, Feldspar more abundant than quartz phenocrysts, both <2mm. Hyaloclastite breccia interpreted as quenched upper margin of flow. Minor disseminated and blebby pyrite. CONTACT: Gradational,		50			FAULT, A 45, Chlorite, Carbonate, FAULT, A 30, Chlorite, Carbonate,	L La	flt	ser alb
55.60 - 70.60 m ACID LAVA Brown, Fine grained, Massive, Feldspar phyric, Quartz phyric, Moderately Silicified, Mainly coherent massive lava with minor hyaloclastite breccias. CONTACT: Faulted, 5 cm		60			PRIMARY FABRIC, A 40, Alternating colour banding (chlorite/albite?) on a scale of 1-2cm.	L La	so	sil
70.60 - 71.00 m ACID LAVA Cream, Grey, Fine grained, Sheared, Feldspar phyric, Quartz		70			FAULT, A 35, Quartz, Sericite, Fault zone			

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

HOLE No. **NPD5**

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
70.60 - 71.00 m ACID LAVA Cream, Grey, Fine grained, Sheared, Feldspar phyric, Quartz phyric, Moderately Sericitised, CONTACT: Faulted,	STRINGER, in veinlets, carbonate trace sphalerite pyrite Carbonate veinlets irregular <2mm wide. Minor fluorite in vein at 73.6m..	70			FAULT, # 35, quartz, Sericite, Fault zone associated with sericite alteration with quartz veining with trace galena>sphalerite.	L La	flt	sil ser
71.00 - 97.90 m ACID LAVA Grey, Yellow, Fine grained, Massive, Brecciated, Feldspar phyric, Quartz phyric, Intensely Silicified, Moderately Sericitised, Massive with localized hydrothermal? brecciation, the latter associated with more intense silicification. Alteration mainly silicification with minor sericitization, sericite with fine leucoxene spotting. CONTACT: Faulted,		80						
5 cm		90						
97.90 - 108.50 m ACID LAVA Cream, Green, Fine grained, Flow banded, Brecciated, Feldspar phyric, Quartz phyric, Slightly Albitised, Slightly Chloritised, Flow banding 0 - 80 LCA. Abundant leucoxene spotting. Carbonate veinlets. CONTACT: Gradational,	STRINGER, in veinlets, carbonate	100				L La		alb chl

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DIAMOND DRILL CORE LOG

HOLE No. **NPD5**

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	RLT
108.50 - 113.40 m ACID LAVA Pale, Grey, Fine grained, Flow banded, Brecciated, Feldspar phyric, Intensely Silicified, Feldspar phenocrysts <2mm, quartz phenocrysts not apparent possibly due to alteration. CONTACT: Gradational,	STRINGER. quartz pyrite trace sphalerite Fine chalcedonic silica in veins and flooding rock..	110				L La		sil
113.40 - 115.30 m ACID LAVA Green, Fine grained, Flow banded, Flow brecciated, Feldspar phyric, Moderately Chloritised, CONTACT: Gradational,						L La		chl
115.30 - 135.90 m ACID LAVA Yellow, Pink, Fine grained, Flow brecciated, Flow banded, Feldspar phyric, Moderately Sericitised, Slightly Silicified, Breccia is monomict comprising feldspar phyric rhyolite, blocks to 15cm, variable texture from massive to flowbanded. Sericitization mainly of matrix (after glass), silicification primarily of blocks. Feldspar phenocrysts <2mm, some rhyolite nearly aphyric. CONTACT: Faulted,		120			FAULT, A 20, Carbonate, Sericite, Carbonate and sericite vein filling of fault.	L La	flt	ser sil
		130			FAULT, A 30, Mainly broken core associated with sericitization.			
135.90 - 157.80 m ACID LAVA Pink, Cream, Fine grained, Flow brecciated, Feldspar phyric, Moderately Albitised, Moderately Silicified, CONTACT: Gradational,	STRINGER. trace sphalerite Sphalerite in scattered irregular veinlets..	140				L La	flt	alb sil

5 cm

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DIAMOND DRILL CORE LOG

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Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		140						
		150						
157.80 - 169.00 m ACID LAVA Pink, Green, Fine grained, Flow brecciated, Feldspar phyric, Slightly Albitised, Slightly Chloritised, Breccia of fine grained feldspar phric rhyolite, blocks variably textured include massive/flowbanded/glass (after sericite). CONTACT: Gradational,		160				L La		alb chl
169.00 - 225.30 m ACID LAVA Grey, Fine grained, Flow brecciated, Intensely Silicified, 5 cm	STRINGER, trace sphalerite trace galena Sphalerite and galena occuring in scattered irregular veinlets and diffuse spots (<2mm)..	170				L La		sil

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Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		180			FAULT, A 35, Sericite, Carbonate,		flt	
		190			FAULT, A 5,		flt	
		200						
		210						

5 cm

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Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		210			FAULT, A 80, Associated with quartz veining and silicification.		flt	
5 cm		220						
225.30 - 234.60 m ACID LAVA Pink, Green, Medium grained, Hyaloclastitic, Feldspar phyric, Slightly Albitised, Slightly Chloritised, May be a flow breccia or hyaloclastite, fragment boundaries are diffuse. CONTACT: Gradational,		230				L La		alb chl
234.60 - 241.10 m ACID LAVA Pale, Grey, Medium grained, Hyaloclastitic, Feldspar phyric, Highly Silicified, Same lithology as above but different alteration style. Minor pink albitized zones.		240				L La		sil
241.10 - 245.20 m ACID LAVA Pink, Green, Medium grained, Flow brecciated, Feldspar phyric, Slightly Sericitised, Slightly Chloritised, Clasts <50mm, all feldspar phyric but texturally variable, include chloritized glass, massive and flow banded lava. CONTACT: Gradational,						L La		ser chl

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Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
~~Flow banded lava.~~ CONTACT: Gradational, 245.20 - 283.00 m ACID LAVA Pink, Green, Medium grained, Flow brecciated, Feldspar phyric, Moderately Chloritised, Slightly Sericitised, Blocks <100mm, feldspar phyric, predominantly massive, some with quartz amygdales. Bleached and slightly silicified zone around quartz veining between 254.6-259.7m, veins at 80LCA. Between 270-283m lava breccia is dominated by fine grained lava blocks. CONTACT: Faulted,	VEIN, 1% galena carbonate Veined zone with haloe of bleaching and silicification from 254.6-259.7m.. VEIN, 5% galena fluorite Bleached and silicified haloe around veining	250 260 270 280			VEIN, A 80, VEIN, A 90,	L La	vein vein	chl ser

5 cm

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
	Bleached and silicified halos around veining between 277.6-280.0m..	280			VEIN, A 90,		vein	
					FAULT, A 70, Associated with quartz veining.	L La	flt	chl
283.00 - 338.90 m ACID LAVA Grey, Green, Fine grained, Massive, Flow banded, Feldspar phyric, Slightly Chloritised, Sparsely feldspar phyric (<2mm). Feldspars frequently sericitized and occasionally replaced by galena/sphalerite. Veined zones with haloes of bleaching and silicification between 299.50-300.60m, 318.80-320.30m, 327.50-330.20m and 335.40-337.10m. CONTACT: Gradational.					FAULT, A 30,		flt	
		290			PRIMARY FABRIC, A 30, Flow banding.		so	
	VEIN, quartz carbonate trace galena Veins at 90LCA, selvage of hydrothermal brecciation, haloe of bleaching around veining between 299.50-300.60m..	300			PRIMARY FABRIC, A 30, Flow banding.		so	
		310						

5 cm

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		320						
		330						
5 cm	STRINGER, galena in veinlets, Minor galena veinlets with narrow haloes of dark grey very fine grained sulfide (galena?)..							
338.90 - 344.80 m ACID LAVA Pink, Green, Flow brecciated, Feldspar phyric, Slightly Sericitised, Slightly Chloritised, Lava fragments texturally variable, chlorite after glass, massive and flow banded. CONTACT: Gradational,	STRINGER, trace galena in veinlets, fluorite in veinlets, Scattered veinlets of fluorite, galena, quartz and carbonate..	340				L La		ser chl
344.80 - 349.80 m ACID LAVA Grey, Green, Fine grained, Flow banded, Massive, Feldspar phyric, Slightly Sericitised, Slightly Chloritised, Feldspar phenocrysts sericitized. CONTACT: Gradational,	STRINGER, trace galena in veinlets, pyrite trace sphalerite Scattered veinlets through interval..					L La		ser chl
349.80 - 352.00 m	STRINGER, galena in veinlets, sphalerite in	350				L La		

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DIAMOND DRILL CORE LOG

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PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
349.80 - 352.00 m ACID LAVA Grey, Green, Flow brecciated, Feldspar phyric,	STRINGER, galena in veinlets, sphalerite in veinlets, quartz carbonate Bleached zone around veining, galena+spalerite trace only..	350				L La		
352.00 - 359.50 m ACID LAVA Grey, Green, Fine grained, Flow banded, Massive, Feldspar phyric,	VEIN, galena VEIN, sphalerite in veinlets, pyrite in veinlets,					L La		
359.50 - 361.80 m ACID LAVA Grey, Green, Flow brecciated, Feldspar phyric, CONTACT: Faulted,	STRINGER, pyrite galena Disseminated, semimassive and veinlet pyrite > sphalerite. Associated with quartz carbonate veining..	360				L La		
361.80 - 436.80 m ACID LAVA Grey, Green, Massive, Feldspar phyric, Slightly Chloritised, Slightly Sericitised, Sparsely feldspar phyric, phenocrysts <2mm. Mainly massive with localized flow banding and flow brecciation. Bleaching and sericitization occurs around carbonate veining between 382.80-385.30, 392.20-394.70 and 420.60-421.50m.	STRINGER, fluorite in veinlets, Veinlets scattered, irregular orientation.. STRINGER, trace galena in veinlets, Veinlets with diffuse grey fine grained haloes, possibly galena/pyrite..	370				L La		chl ser
		380						
	STRINGER, trace galena in							

5 cm

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DIAMOND DRILL CORE LOG

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
	STRINGER, trace galena in veinlets, trace fluorite in veinlets, Hydraulic fracturing. Fine grained galena pervading the wall rock with a 1cm wide halos..	390						
		400						
	STRINGER, trace fluorite in veinlets.							
		410						
		420						

5 cm

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		420			BROKEN CORE.		flt	
					FAULT, A 20.		bk	
					FAULT, A 80, Fault associated with sericitization and quartz veining.		flt	
		430			PRIMARY FABRIC, A 35, Flow banding.		so	
					PRIMARY FABRIC, A 40, Flow banding.		so	
436.80 - 571.00 m ACID LAVA Cream, Pink, Fine grained, Massive, Feldspar phyric, Moderately Silicified, Feldspars phenocrysts <2mm, frequently sericitized and carbonitized. Rock massive except for abundant, irregular, thread-like carbonate/chlorite/pyrite veinlets. CONTACT: Gradational.		440				L La		sil
					PRIMARY FABRIC, A 55, Flow banding.		so	
		450						

5 cm

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LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
	VEIN. carbonate fluorite Vein LCA 65..	460						
	STRINGER. carbonate Carbonate sericite veinlets with minor pyrite..				FRACTURE. A 80. Quartz carbonate vein.		frac	
		470			FRACTURE. A 70. Quartz carbonate vein.		frac	
		480						
		490						

5 cm

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LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
	STRINGER, quartz carbonate trace galena Veinlets 70-80LCA, associated with bleached halos..	490						
	STRINGER, trace sphalerite Dark brown sphalerite, disseminated and as veinlets..	500						
	STRINGER, trace galena trace sphalerite	510			FRACTURE, A 80, Quartz carbonate chlorite vein.		frac	
		520			FAULT, D 30, Quartz vein.		flt	
	STRINGER, quartz carbonate trace galena Galena disseminated and veinlets. Veinlets 60-90LCA..				FAULT, A 70, Fault associated with sericitization and quartz/carbonate/galena		flt	

5 cm

91708

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
	disseminated and veinlets. Veinlets 60-90LCA..				sericitization and quartz/carbonate/galena veining.		flt	
		530						
		540			FAULT, A 50, Quartz carbonate vein.		flt	
		550			FAULT, A 80, Quartz carbonate vein.		flt	
		560						

5 cm

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
571.00 - 573.60 m ACID LAVA Pink, Cream, Medium grained, Brecciated, Feldspar phyric, Slightly Chloritised, Slightly Albitised, Brecciation may be hydrothermal. Feldspar phenocrysts <2mm. CONTACT: Gradational,		560			FAULT, A 15, Quartz carbonate vein.		flt	
573.60 - 573.90 m ACID VOLCANICLASTIC Cream, Coarse grained, Matrix supported, Rhyolite fragments in a medium grained, sericitized quartz/feldspar/lithic matrix.		570			FAULT, A 40, Fault associated with sericitization and a trace of pyrite. FAULT, A 75, Quartz carbonate vein.	L La	flt	chl alb
573.90 - 673.00 m ACID VOLCANICLASTIC Pink, Cream, Very coarse grained, Flow brecciated, Quartz phyric, Feldspar phyric, Slightly Sericitised, Phenocrysts <2mm. Breccia blocks <300mm, include massive/flowbanded/sericitized glass. All blocks quartz and feldspar phyric, interpreted to be different products of a single rhyolitic volcanic event. CONTACT: Gradational, MIXED WITH SILTSTONE Fine grained, Peperitic, Vitric, Peperite occuring between 632.60-636.00m and 663.40-663.60m.	STRINGER, quartz trace sphalerite irregular veinlets.. CLAST, sphalerite Clast or bleb of sphalerite, 2cm diameter..	580				V Va		ser
		590			FAULT, A 5.		flt	

5 cm

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LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		600			FAULT, A 20. Sericitized with minor pyrite.		flt	
		610			FAULT, A 20.		flt	
					FAULT. Sericitized and pyritic with calcite veins.		flt	
		620						
		630						

5 cm

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DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		630						
		640						
		650						
							flt	
		660			BEDDING, A 80, Facing uphole.			
					FAULT, A 30, Bleached and sericitized zone associated with calcite veins.			

5 cm

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. NPD5

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
					associated with calcite veins.			
673.00 - 673.50 m SANDSTONE GRADING TO SILTSTONE Cream, Fine grained, Coarse grained, Crystal, Vitric, Slightly Sericitised, CONTACT: Gradational,		670				V Va mf	ss	ser
673.50 - 708.90 m ACID VOLCANICLASTIC MASS FLOW Pink, Cream, Very coarse grained, Poorly sorted, Polymict, Slightly Sericitised, Blocks to 1m diameter? Polymict, includes sericitized glassy quartz feldspar phyric rhyolite, silicified feldspar phyric rhyolite and pink flow banded rhyolite. Matrix, medium grained sandstone. CONTACT: Faulted,	DISSEMINATED. 0.5% sphalerite trace chalcopyrite in veinlets, Sphalerite occuring as diffuse fine grained cream blebs/spots..	680						
		690						
		700						

5 cm

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

HOLE No. NPD5

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Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		700						
708.90 - 781.60 m ACID LAVA Brown, Cream, Fine grained, Massive, Flow banded, Feldspar phyric, Quartz phyric, Slightly Chloritised, Sparsely feldspar>quartz phyric, phenocrysts <2mm. Colour mainly pinkish brown with cream-green coloured haloes around quartz/chlorite/carbonate veins. Abundant calcite veinlets <1mm on joints and fractures.		710			FAULT, A 50, Sericitized and calcite veined. PRIMARY FABRIC, A 50, Flow banding.	L La	flt so	chl
		720			PRIMARY FABRIC, A 80, Flow banding.		so	
		730						

5 cm

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

HOLE No. NPD5

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		740						
		750						
		760						
		770						

5 cm

PASMINCO EXPLORATION

DIAMOND DRILL CORE LOG

HOLE No. **NPD5**

PROJECT: NORTH PINNACLES

Vertical Scale 1 : 250

DESCRIPTION		GRAPHIC				CODES		
LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		770						
		780						
		790						
		800						

5 cm