HOLE No. AK1

PASMINCO EXPLORATION
DIAMOND DRILL CORE RECORD

LOCATION	TASMANIA
PROJECT	BOCO EL 2/90
PROSPECT	ANIMAL CREEK
DESIGNED BY	LW KIRSNER
LOGGED BY	LW KIRSNER
RELOGGED	
COMMENCED	21 JANUARY 1992
COMPLETED	27 FEBRUARY 1992
DRILLED BY	EAST COAST DRILLING
DRILL RIG	LONGYEAR 38

OBJECTIVE

* To test NE end of NNE trending alteration zone identified in magnetics, near E/W trending cross structure.
* To intersect Dundas Group/CVS contact under glacial cover.
* To gain geological and structural information in unknown/covered area.

RESULT

* 70m of lake-deposited varve & conglomeratic glacial till, overlying massive rhyodacitic to dacitic lavas, lava breccias, hyaloclastites and minor volcaniclastics of the Central Volcanic Sequence. Dundas Group rocks were not encountered.
* Alteration was weak to moderate, patchy sericite-silica-pyrite, decreasing down hole.

SIGNIFICANT INTERSECTIONS

From m	To m	Interval m						Comments

SIGNIFICANT CORE LOSS

From m	To m	% Lost
0.0	69.9	~50%
150.2	151.7	~47%

POOR GROUND CONDITION ZONES

From m	To m	Condition
0.0	69.2	Semi-consolidated glacial gravels & clays
89.2	-	100% water loss

HOLE SIZE

Size	Depth m
HQ	0-84.0
NQ	84.0-553.7

HOLE CONDITIONS AFTER COMPLETION

Collar	* PVC Casing to 2.8m
Steel Casing	* HQ casing 51-84m (33m)
PVC Casing	* Class 18, 32mm (NOMINAL): 0-553.7m for DHEM
Ground Water	* Nil
Wedge	
Drill Pad	

LOCATION/SURVEY DATA (AMG)

Grid	AMG		RL Collar m	417.3
Northing m	5388950.4		Bearing Collar	125
Easting m	384429.6		Dip Collar	-60
DH Survey Type	EASTMAN CAMERA		Length Hole m	553.7m

Depth m	Bearing	Dip	Depth m	Bearing	Dip
25	125	-61			
50	126	-61			
100	125	-60			
150	127	-60			
200	127	-60			
250	129	-60			
300	129	-59.5			
350	131	-59.5			
400	132	-59.5			
450	133	-59			
500	135	-58			
550	137	-56			
EOH					

PASMINCO EXPLORATION
SUMMARY DIAMOND DRILL CORE LOG

HOLE No. AK 1

PROJECT: Boco - Animal Creek

Graphic Scale 1:2000

From m	Interval m	Code	Description
0·0	69·6		• GLACIAL TILL & VARVED CLAYS
69·6	225·8		• RHYODACITIC LAVAS, FLOW BRECCIAS & HYALOCLASTITES.
			– variably sericite-silica-pyrite altered, flow-banded, brecciated & fragmented, feldspar phyric. Minor carbonate veinlets. Pyrite up to 5% locally; average 1%.
295·4	14·7		• MAFIC INTRUSIVE
			– faulted & veined with carbonate.
310·7	78·8		• RHYODACITIC LAVAS & BRECCIAS.
			– including carbonate veinlets containing galena.
389·5	3·1		• AMYGDALOIDAL MAFIC INTRUSIVE.
392·6	20·4		• RHYODACITIC LAVAS & BRECCIAS.
413·0	3·0		• MAFIC INTRUSIVE.
416·0	12·4		• RHYODACITIC LAM.
428·4	5·0		• MAFIC INTRUSIVE.
433·4	8·2		• RHYODACITIC LAVA.
441·6	8·1		• MIXED CLASTIC SEQUENCE.
			– bedded siliceous ash layers in feldspar crystal-rich volcanic sandstone.
449·7	0·6		• MAFIC INTRUSIVE
450·3	36·0		• RHYODACITIC LAVA
486·3	0·9		• LAMPROPHYRE INTRUSION (? CRETACEOUS).
487·2	23·3		• RHYODACITIC LAVA.
510·5	18·2		• ? DACITIC LAVA.
			– darker & more feldspathic (upto 20%) than usual.
528·7	3·5		• MAFIC INTRUSIVE
532·2	21·5		• RHYODACITIC LAVA.
553·7	–		• END OF HOLE •

Depth: GLACIALS — VOLCANICS — 100 — 200 — 300 — 400 — 500 — 553·7 EOH

Graphic

5 cm

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK 1

PROJECT: Boco EL 2/90 - ANIMAL CREEK

Graphic Scale 1: 200

SEE SUPPLEMENTARY DATA SHEETS AT THE BACK OF THIS LOG (Pages 15–17)

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology (grain size (mm))	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						GLACIAL TILL & VARVED CLAYS.	0·0							
				0·0	19·3	(A) POLYMICT CONGLOMERATE:- GLACIAL TILL								
						• generally semi-consolidated								
						• clast size: < 1/8 mm up to > 30 cm, average 1 to 3 cm across.								
						• angular, poorly sorted, matrix supported			UNIT (A)					
						• clast compositions: - Rhyodacitic, massive, feldspar phyric volcanics (? lavas)	10							
						- quartz (white & grey)								
						- chloritic & hematitic acid volcanics								
						- conglomeratic (OWEN?)								
						- hydrothermally brecciated volcanics	19·3							
						• interval also includes minor zones of unconsolidated, well rounded river pebbles with a clay matrix (core loss high in these zones)	20							
				19·3	25·9	(B) VARVED CLAYS								
						• semi-consolidated, ochre-brown coloured, laminated siltstones, sandstones and minor intercalated conglomerate beds.	30		UNIT (B)					
						• randomly distributed clasts > 6 mm across occur, within the clays, making up 1% locally - these clasts comprise: - white vein quartz.								
						- poorly sorted coarse sandstone clasts								
						• fine silt laminations between coarser sandstone beds typify this unit, of generally soft, clayey broken core.	40							
						• Soft-sediment deformation spectacularly developed: eg:- folds; flames; dismembering; loading structures (transition zone from (B) to (C) from 44·5 m to 45·2 m)	45·2		UNIT (C)					

0·0 to 19·3 m: Unit (A)

19·3 to 45·2 m: Unit (B)

45·2 m: Unit (C)

5 cm

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PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK 1

PROJECT: Boco EL 2/90 | Graphic Scale 1: 200 | Page 4 of 17

CORE RECOVERY				DESCRIPTION					CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				45.2	10.5	(C) POLYMICT CONGLOMERATE - GLACIAL TILL							
						• interval as above in (A)							
						• includes - chloritised, soft, weathered ? basaltic boulder 40cm long, in a generally coarser conglomerate.	50						
						• clast supported, ~ 20cm average clast size.							
						• poorly sorted, moderately rounded, with a silt/sand matrix	55.7	UNIT C (continued)					
				55.7	13.0	(D) VARVED CLAYS.		UNIT D					
						• interval as above in (B)	60	LCA 60° bedding					
						• intercalated minor sand & conglomerate beds.							
						• much soft sediment deformation							
						• Bedding averages ~ 60° to core			(PLEISTOCENE)				
						• generally semi-consolidated			GLACIALS				
				68.7	0.9	(E) SANDY GRAVEL.	68.7						
						• brown, gravelly layer directly above bedrock with a narrow (10cm thick) basal clay layer.	69.6 70	UNIT E	69.6m.				
						• polymict, but generally "bedrock"-derived clasts of local origin: - silicic clasts with a silt-sand matrix			CENTRAL VOLCANIC SEQUENCE (CAMBRIAN)				
						(69.6 → 98.5) RHYODACITIC LAVA. (CENTRAL VOLCANIC SEQ)	80	F - brittle fault					
				69.6	6.5	• Broken, strongly weathered, variably hydrothermally brecciated, bleached ? acid lava with chloritised fractures.							
						• Pale grey to white colour with brown iron oxide staining.			• pyrite up to 5%				
				76.1	3.4	RHYODACITIC LAVA - unweathered.							
						• grey to pink, uncleaved, hydrothermally brecciated (criss crossed with chloritic veinlets), sericitic matrix between "clasts" of feldspathic massive ? lava. Some zones less brecciated (eg. 78.0-79.2)	90	F - fault zone less					
						• quartz veinlets at ~ 35° to core. Traces of diseminated pyrite.							

5 cm

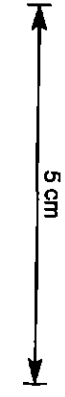
PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK 1

PROJECT: Boco

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						* 79.5 • Fault (minor) in broken core.								
				79.5	17.7	• RHYODACITIC LAVA.								
						· silica flooded, hydrothermally in-situ brecciated (jigsaw fit)	97.2			· 97.2m - ? sphalerite traces				
						silicified, sericitic, feldspar phyric, massive.	98.5	chl.	I? I?	to + pyrite · 98.5				
						· pyrite 1 → 2% average; locally up to 5%, on	100							
						breccia-clast boundaries & quartz vein edges. Traces of								
						fine grained disseminated pyrite throughout matrix								
						· fine quartz veinlets and coarser quartz-tourmaline veins								
						cross-cut all other features → late-formed (? Tabberabbera)								
						· pink colouration / albitisation dominates in the interval from								
						89.2 to 97.2 m.	110							
						* 89.2m BRITTLE FAULT (100% Water Loss)								
				97.2	1.3	ALTERED MASSIVE VOLCANIC. (? INTRUSIVE)								
						· Dark grey to black, sericitic, pyritic (up to 5%),								
						brecciated, ? "biotitic", v. strongly altered & detex-								
						tured volcanic.								
						· Contains discontinuous, fine carbonate veinlets & apparent	120							
						hydrothermal jigsaw breccia appearence. ? sphalerite traces								
				98.5	–	CONTACT (? INTRUSIVE)								
						· sharp contact, enhanced by alteration. Selective								
						pyritic replacement on lower side of contact to a distance								
						of ~ 10cm.								
							130							
				98.5	62.8	(98.5–161.3) RHYODACITIC LAVA. (single? flow)								
						· Variably silicified, sericitic, flow-banded, feldspar-phyric								
						rhyodacitic lava. Contains traces of fine-grained dissemin-								
						ated pyrite.								
						· Some lava breccia zones and ? volcaniclastic layers								



PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK 1

PROJECT: Boco

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION					CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						Alternates between pale grey detextured extremely hard silicified intervals and pale pink to yellowish-green softer, less silicified zones with more primary features preserved.	140						
						eg: in-situ "crackle breccia" (? Hyaloclastic) with jigsaw fit flow banding (sericitised).							
						· Variable amounts of carbonate veinlets developed throughout.							
						· Includes: 149.0 – 160.2 m - FAULT ZONE.		149.0	(149.0 – 160.2)				
						• broken core, in medium grey, silica-sericite altered lava. Traces of fine grained pyrite & galena. "Soapy" sericitic appearance.	150	FAULTED ZONE / BROKEN CORE	traces of fine-grained pyrite & galena in faulted zone				
				161.3	80.1	(161.3 – 241.4) RHYODACITIC LAVAS & HYALOCLASTITE.							
						•161.3 – 161.6 - brecciated contact / flow margin.	160						
						•161.6 – 295.4 - Variably silicified & sericite altered rhyodacite lavas, lava breccias & hyaloclastite, with traces of pyrite throughout.	161.3	160.2					
						• Interval includes: –							
						175.8 – 185.8 - grey, silicified, extremely hard massive detextured ? lava.	170						
						185.8 – 189.4 - less altered, minor sericite. Much flow-banding, in a hyaloclastic, feldspar phyric lava. randomly oriented clasts of							
						189.4 – 191.3 - grey & strongly silicified.			· traces pyrite 161 – 190				
						191.3 – 195.3 - weakly altered, displaying flowbanding & hyaloclastic breccia textures.		sil					
						195.3 – 202.9 - variably silicified, siliceous lava, with traces of disseminated pyrite and sericitisation.	180		· silicified 175 – 185				
						202.9 – 214.6 – grey/pink/yellowish green, sericitic, feldspar phyric, variably silicified, pyritic (tr) with		sil					

5 cm

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK1

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Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						zones of ? alteration enhanced primary brecciation.								
						· Flow-banded in paler green/yellow (less silicified) zones.			fb clasts (hyalod.)					
						· Pyrite ≈ 1-3%. Blotchy dark green chloritic alteration in more tectonically brecciated zones.	190							
						· Minor Fault at 50° to core at 207.1m.								
						214.6 – 218.4 – very silicified. Includes sericite in a silicified hydrothermal breccia, with cross-cutting pyrite-bearing carbonate veinlets (at 214.9m).			· hyalod.	· traces py 195-205				
						218.4 – 220.0 – Hyaloclastic lava breccia. Randomly oriented flow-banded clasts (Similar to 186-189m).	200							
						220.0 – 237.5 – Lava breccia / flow top breccia? As above with varied silica-sericite alteration and patchy chlorite-(biotite) alteration. Feldspar-phyric, some flow banding, flow breccia & carbonate veinlets. Pyrite < 1%.			· fb.	· py locally up to 3%				
						Minor hydrothermal "crackle" breccia. Joints, fractures and carbonate veinlets variably pyrite rich (eg 238.6)	210							
				241.4	0.3	HYDROTHERMAL BRECCIA (EARLY FAULT?)				· py on cb veinlets (eg 214.9)				
						· primary hydrothermal breccia with "flow" preserved in chloritic matrix around silicified clasts. Possibly an early fault or major fluid channel through the volcanic pile...			· silicified · hyalod.					
							220							
				241.7	53.7	RHYODACITIC LAVAS & HYALOCLASTITE.			· breccia					
						· Variably sericite-silica altered, flow-banded, feldspar phyric rhyodacitic lavas and hyaloclastic breccias.								
						· Generally pink/green-yellow colour with some cream to white "bleached" zones. Carbonate veins with	230							

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

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Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						pyrite developed on them, generally at 30° to core.							
						· Minor zones of dark chlorite - biotite alteration and pale, bleached grey silicified zones.							
						· 259.4–260.0 — Strong flow banding with consistent orientation at 30° to core.							
						271.2 — flow bands at 25° to core							
						272.2–275.1 — Pale grey siliceous zone with sericite–pyrite veins at 15° to core	240						
							241.4	F (CM) F	HTM Bx?				
						277.6 — carbonate - chlorite vein at 25° to core.	241.7						
						278.0–279.5 - zone of stronger pyrite/carbonate veining with vughs developed along them. Pyrite up to 5% of vein fill. Crystalline pyrite ≠ carbonate in vughs.	250						
						283.2 — silica alteration front with pyrite/carbonate vein on it at 30° to core.							
						284.5–285.9 - Broken core. Variably grey to pale cream blotchy alteration. ? FAULT ZONE (late and brittle).	260						
						291.0–295.4 - darker coloured, feldspar phyric dacitic lava, nearing the intrusive contact (? effect produced by heating during intrusion?)							
				295.4	–	INTRUSIVE CONTACT							
						- irregular shape (non-planar) at ~ 10° to LCA.	270						
				295.4	15.3	MAFIC INTRUSIVE		sill	· py on veins.				
						· fine-grained, dark grey, mafic dyke or sill, massive. Contains two minor faults (at 299.5 and							

LCA 30° 25°

5 cm

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PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

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Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION					CODES			
From m	Interval m	%	RQD	From m	Interval m	(incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						306.7m) with carbonate veining along them, at 15° to core. Bleaching extends from the veins into the otherwise dark coloured rock for ~20cm either side.	290		· py-cb veining				
				310.7	-	INTRUSIVE CONTACT.	294.5 F						
						- at 20° to core.	295.9 F						
				310.7	16.8	RHYODACITIC LAVA.	290						
						· pale pink, grey or cream, siliceous, feldspar phyric rhyodacitic lava. Variable sericitisation & "late" sericite/talc? developed on joints (esp: 314.0–316.7) with pyrite also developed on some.			· intrusive contact @ 10° to LCA				
						· 326.2 – carbonate vein with galena spots in it, at 20° to core.	295.4 I						
							300 299.5 F						
				327.5	62.0	RHYODACITIC LAVA – SEPARATE FLOW.			· faults & cb vns @ 15° to LCA				
						· 327.5 – 327.7 - chloritic alteration in flow top breccia.							
						· 327.7 – 389.5 - feldspar-phyric, massive, variably altered (sericite-chlorite). Quartz-carbonate veined, (especially 331.0 – 331.6).	306.7 F						
						· Many overprinting alteration fronts in the interval, creating apparent variability in a generally monotonous, feldspar-phyric lava.	310		· intrusive contact @ 20° to LCA.				
						· Minor carbonate veinlets & sericite "flecks" throughout.	310.7 I						
						· Some zone of alteration-derived "pseudo-clastic" texture.	320						
						· Feldspars often silicified, but no primary quartz observed.							

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5 cm

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

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Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
						· bleaching of core often strong around carbonate veins (eg: 351.2 — 352.1), with pyrite & galena developed in these veins. Tectonic brecciation in the vicinity of the veins also.	326.2		· 326.2 - carbonate veins with galena spots @ 20° to LCA				
						· 331.6 — Minor fault with soft, altered rock below it (grey clay)	327.5						
						· 333.2 — 334.1 - blotchy silica alteration.	330						
						· 354.5 - veined breccia zone							
						· 354.9 - vein containing broken away country rock fragments at 30° to core.	333.2 / 334.1						
						· 357.8 - quartz vein at 70° to core, with bleaching for 10cm each side.							
						· 361.2 - flow banding at 35° to 40° to core	340						
				389.5	3.1	AMYGDALOIDAL MAFIC INTRUSIVE.							
						· Intrusive contact at 389.5 is obscured by alteration							
						· Dark grey, fine-grained, feldspar-bearing, with spherical quartz amygdales (up to 3mm across).							
						· Pyrite on and near contacts of intrusion.	350						
						· Lower contact (intrusive) at 10° to core at 392.6.	351.2 / 352.1	py/gn	· 351.2 — 352.1 py±gn in carbonate veins.				
							354.9		-354.9				
				392.6	20.4	RHYODACITIC LAVA.							
						· Variably silica - sericite - chlorite/albite altered, feldspar-phyric (up to 15%) massive lava	360						
							361.2	(h)	· fb @ 40° to LCA.				
				413.0	3.0	MAFIC INTRUSIVE. (at 30° to core)							
						· Irregular intrusive contacts at 413.0 & 416.0.							
						· Non-amygdaloidal							
						· Contains part of a xenolith of country rock at 413.7-413.9							

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK 1

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Graphic Scale 1: 200

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CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
							370							
							380							
							389.5		I					
							390	V∅ ° ° ∅V°		• Amygdaloidal mafic intrusive				
							392.6		I					
							400							
							410							
							413.0	V∅ V						

5cm

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Graphic Scale 1:200

CORE RECOVERY				DESCRIPTION					CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology / Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				416.0	12.4	RHYODACITIC LAVA.							
						· flow banded, feldspar phyric, variable sericite-silica-chlorite alteration.	416.0	I					
						· 417.7 – flow bands sub-parallel to core	420						
				428.4	5.0	MAFIC INTRUSIVE.							
						· incorporating "fingers" or xenoliths of country rock	428.9	I					
				433.4	8.2	RHYODACITIC LAVA.	430						
						· feldspar phyric, flowbanded, variable alteration (weak)							
				441.6	–	CONTACT (? CONFORMABLE ?)	433.4	I					
				441.6	8.1	MIXED CLASTIC SEQUENCE							
						· interbedded siliceous grey ash layers in feldspar crystal-rich volcaniclastic sandstone, with sericitic alteration.	440						
							441.6						
				449.7	0.6	MAFIC INTRUSIVE (minor)	449.7						
				450.3	36.0	RHYODACITIC LAVA	450						
						· includes: 453.9 – 462.7 – broken core & pug in a broad FAULTED ZONE – bleached core, delextured, sericitic, carbonatized	450.3	I					
						· generally: feldspar phyric lavas.	453.9	F					
							460						

5 cm

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CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
							462.7							
							470							
							480							
				486.3	0.9	? CRETACEOUS LAMPROPHYRE INTRUSION.	486.3		I	? LAMPROPHYRIC INTRUSION				
						• black, fine-grained, massive, unaltered, undeformed, minor feldspar crystals, Mafic intrusion.	487.2		I					
						• Intrusive contacts at 486.3 & 487.2	490							
				487.2	23.3	RHYODACITIC LAVA.								
						• massive, detextured, fine-grained, pale green-yellow, with chlorite veinlets criss-crossing, some carbonate veinlets and traces of disseminated pyrite.								
						• Detexturing has wiped out all but a few traces of feldspar phenocrysts.	500							
						• Unit grades into a less detextured version of the same rock at 506.6 m. Feldspar crystals become prominent.								

5 cm

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. AK1

PROJECT: Boco

Graphic Scale 1: 200

CORE RECOVERY				DESCRIPTION						CODES			
From m	Interval m	%	RQD	From m	Interval m	(Incl. LITHOLOGY, STRUCTURE & ALTERATION)	Depth	Graphic Lithology	Struct.	MINERALISATION	LITHO	STRUCT	ALTN	MIN
				510.5	18.2	DACITIC LAVA.								
						• darker, more feldspar crystal-rich massive lava.								
						• up to 20% feldspar. Contains minor carbonate veinlets. Slightly bleached near lower contact with mafic intrusive.	510							
							515							
							520							
				528.7	3.5	MAFIC INTRUSIVE.								
						• Irregular intrusive contacts at 528.7 & 532.2 bound this fine grained, grey, massive, non-porphyritic body.	528.7		I					
							530							
							532.2		I					
				532.2	21.5	RHYODACITIC LAVA.								
						• variably silicified, feldspar-phyric (crystals up to 3mm across), grey to pink, massive lava....								
							540							
				553.7	-	END OF HOLE								
							550							
							553.7		EOH					

5cm

PASMINCO EXPLORATION

PROJECT: Boco - Animal Creek **DIAMOND DRILL HOLE SUPPLEMENTARY DATA**

HOLE No. AK 1

CORE RECOVERY				M.SUS		S.G			
FROM	TO	REC	%REC	DEPTH	M.SUS	DEPTH	WEIGHT	VOL	S.G
0	3	0.1	3.33	3	0.38				
3	5.1	0.9	42.86	6	0.49				
6.8	7.5	0.6	85.71	9	0.3				
7.5	8.1	0.6	100.00	12	9.01				
8.1	9.9	1.7	94.44	15	0.6				
9.9	12.6	2.5	92.59	18	0.05				
12.6	13.4	0.7	87.50	32	0.29				
13.4	14	0.6	100.00	35	0.05				
14	14.9	0.7	77.78	38	0.24				
14.9	15.4	0.3	60.00	41	0.3				
15.4	15.9	0.5	100.00	44.5	0.33				
15.9	16.1	0.2	100.00	46.6	1.35				
16.1	19.3	0.2	6.25	50.3	3.32				
19.3	21.2	0.2	10.53	52	0.35				
21.2	23.7	0.1	4.00	60	0.23				
23.7	27.7	0.2	5.00	68	0.11				
27.7	31.7	1	25.00	69	0.07				
31.7	33.2	1.4	93.33	71	0.08				
33.2	34.7	0.7	46.67	74	0.18				
34.7	35.9	1	83.33	77	0.13				
35.9	37.7	0.9	50.00	80	0.2				
37.7	38.8	0.8	72.73	83	0.28				
38.8	40.7	0.9	47.37	86	0.09				
40.7	43.7	0.9	30.00	89	0.13				
43.7	44.9	1	83.33	92	0.14				
44.9	46.7	1.8	100.00	95	0.14				
46.7	49.7	2.9	96.67	98	0.15				
49.7	52.4	2.3	85.19	101	0.12				
52.4	52.8	0.3	75.00	104	0.09				
52.8	53.4	0.4	66.67	107	0.16				
53.4	55.7	0.7	30.43	110	0.11				
55.7	58.7	1	33.33	113	0.11				
58.7	61.7	1.2	40.00	116	0.11				
61.7	63.7	0.8	40.00	119	0.12				
63.7	64.3	0.5	83.33	122	0.11				
64.3	67.5	1.2	37.50	125	0.14				
67.5	69.2	1.7	100.00	128	0.09				
69.2	70.7	1.3	86.67	131	0.08				
70.7	71.4	0.7	100.00	134	0.04				
71.4	73.5	1.6	76.19	137	0.12				
73.5	74.9	1.4	100.00	140	0.09				
74.9	76.1	1.1	91.67	143	0.07				
76.1	78.4	2.3	100.00	146	0.04				
78.4	79.1	0.6	85.71	149	0.04				
79.1	79.5	0.3	75.00	152	0.05				
79.5	81.2	1.6	94.12	155	0.02	80	462	166	2.78
81.2	82.7	1.5	100.00	158	0.03				
82.7	84	1.4	107.69	161	0.06				
84	85.7	1.4	82.35	164	0.05				
85.7	88.7	2.9	96.67	167	0.12				
88.7	89.2	0.5	100.00	170	0.11				
89.2	91.7	2.5	100.00	173	0.11				
91.7	94.7	3	100.00	176	0.04				
94.7	97.7	3	100.00	179	0.04				
97.7	99.2	1.4	93.33	182	0.06				
99.2	100.7	1.5	100.00	185	0.03				
100.7	103.7	3	100.00	188	0.09				
103.7	106.1	2.4	100.00	191	0.03				
106.1	106.7	0.6	100.00	194	0.11				
106.7	109.7	3	100.00	197	0.03				
109.7	112.7	3	100.00	200	0.08	110	313	113	2.77
112.7	115.7	3	100.00	203	0.04				
115.7	118.7	3	100.00	206	0.06				
118.7	121.7	3	100.00	209	0.1				
121.7	124.7	2.9	96.67	212	0.08				
124.7	127.7	3	100.00	215	0.05				
127.7	130.7	3	100.00	218	0				
130.7	133.7	3	100.00	221	0.04				
133.7	136.7	2.9	96.67	224	0.04				
136.7	137.6	0.9	100.00	227	0.01				
137.6	139.7	2.1	100.00	230	0.07				
139.7	142.7	3	100.00	233	0.11	140	328	122	2.69
142.7	145.7	2.8	93.33	236	0.06				
145.7	148.7	2.9	96.67	239	0.16				
148.7	150.2	1.4	93.33	242	0.04				
150.2	150.6	0.2	50.00	245	0.15				
150.6	151.7	0.6	54.55	248	0.21				
151.7	152.2	0.5	100.00	251	0.12				
152.2	154.7	2.5	100.00	254	0				
154.7	156.1	1.3	92.86	257	0.19				
156.1	157.7	1.5	93.75	260	0.1				
157.7	159.3	1.6	100.00	263	0.12				
159.3	160.7	1.2	85.71	266	0.08				
160.7	161.2	0.6	120.00	269	0.11				
161.2	163.7	2.4	96.00	272	0.12				
163.7	165.1	1.4	100.00	275	0.03				
165.1	166.7	1.6	100.00	278	0.15				
166.7	169.7	3	100.00	281	0.1				
169.7	172.7	3	100.00	284	0.13	170	545	204	2.67
172.7	175.7	3	100.00	287	0.05				
175.7	178.7	2.9	96.67	290	0.14				
178.7	181.7	3	100.00	293	0.26				
181.7	184.7	3	100.00	295	0.87				
184.7	187.7	3	100.00	295.5	18.5				
187.7	188.4	0.7	100.00	296	7.96				
188.4	190.7	3	130.43	296.5	3.56				
190.7	193.7	3	100.00	297	0.59				
193.7	196.1	2.3	95.83	299	0.44				
196.1	199.1	3	100.00	302	0.4				
199.1	202.1	3	100.00	305	0.45	200	632	241	2.62
202.1	202.7	0.6	100.00	308	0.46				
202.7	204.9	2.2	100.00	311	0.3				

PASMINCO EXPLORATION
DIAMOND DRILL HOLE SUPPLEMENTARY DATA

PROJECT: Boco

HOLE No. AK 1

CORE RECOVERY				M.SUS		S.G			
FROM	TO	REC	%REC	DEPTH	M.SUS	DEPTH	WEIGHT	VOL	S.G
204.9	205.7	0.6	75.00	314	0.12				
205.7	207	1.3	100.00	317	0.19				
207	208.7	1.7	100.00	320	0.13				
208.7	211.7	3	100.00	323	0.07				
211.7	214.7	2.9	96.67	326	0.22				
214.7	217.7	3	100.00	329	0.04				
217.7	220.7	3	100.00	332	0.08				
220.7	223.7	3	100.00	335	0.22				
223.7	226.7	3	100.00	338	0.18				
226.7	229.7	3	100.00	341	0.21				
229.7	232.7	3	100.00	344	0.22	230	596	225	2.65
232.7	235.7	3	100.00	347	0.13				
235.7	238.7	3	100.00	350	0.2				
238.7	241.7	2.8	93.33	353	0.19				
241.7	244.6	3.1	106.90	356	0.09				
244.6	247.7	3.1	100.00	359	0.22				
247.7	250.7	3	100.00	362	0.18				
250.7	253.7	3	100.00	365	0.39				
253.7	256.7	3	100.00	368	0.2				
256.7	259.7	3	100.00	371	0.21				
259.7	262.7	3	100.00	374	0.11	260	399	153	2.61
262.7	265.7	2.9	96.67	377	0.16				
265.7	268.7	3	100.00	380	0.2				
268.7	271.7	3.1	103.33	383	0.26				
271.7	274.7	3	100.00	386	0.28				
274.7	277.7	3	100.00	389	0.32				
277.7	280.7	3	100.00	390	0.46				
280.7	283.7	3	100.00	390.5	2.54				
283.7	286.7	3	100.00	391	10.2				
286.7	289.7	3.1	103.33	391.5	8.35				
289.7	292.7	3	100.00	392	12.1	290	572	211	2.71
292.7	295.7	3	100.00	392.5	0.41				
295.7	298.7	3	100.00	395	0.18				
298.7	301.7	3	100.00	398	0.16				
301.7	304.7	3	100.00	401	0.14				
304.7	307.7	3	100.00	404	0.13				
307.7	310.7	3	100.00	407	0.18	310	425	153	2.78
313.7	316.7	3	100.00	410	0.17				
316.7	317.7	1	100.00	413	0.23				
317.7	319.7	2	100.00	416	0.45				
319.7	321	1.3	100.00	419	0.18				
321	322.7	1.7	100.00	422	0.29				
322.7	325.7	3.1	103.33	425	0.16				
325.7	328.7	2.9	96.67	428	0.19				
328.7	331.7	3	100.00	431	0.5				
331.7	334.7	3	100.00	434	0.31				
334.7	337.7	3	100.00	437	0.17				
337.7	340.7	3	100.00	440	0.19				
340.7	343.7	3	100.00	443	0.19	340	465	171	2.72
343.7	346.7	3	100.00	446	0.32				

CORE RECOVERY				M.SUS		S.G			
FROM	TO	REC	%REC	DEPTH	M.SUS	DEPTH	WEIGHT	VOL	S.G
346.7	349.7	3.1	103.33	449	0.26				
349.7	352.7	2.9	96.67	452	0.13				
352.7	355.7	3	100.00	455	0.37				
355.7	358.7	3	100.00	458	0.19				
358.7	361.7	3	100.00	461	0.27				
361.7	364.7	3	100.00	464	0.13				
364.7	367.7	3	100.00	467	0.11				
367.7	370.7	3	100.00	470	0.06	370	449	163	2.75
370.7	373.7	3.1	103.33	473	0.08				
373.7	376.7	3	100.00	476	0				
376.7	379.7	3	100.00	479	0.07				
379.7	382.7	2.9	96.67	482	0.1				
382.7	385.7	3	100.00	485	0.19				
385.7	388.7	3	100.00	487	3.67				
388.7	391.7	3	100.00	490	0.12				
391.7	394.7	3	100.00	493	0.07				
394.7	397.7	3	100.00	496	0.11				
397.7	400.7	3	100.00	499	0.05	400	272	99	2.75
400.7	403.7	3	100.00	502	0.04				
403.7	406.7	3	100.00	505	0.03				
406.7	409.7	3	100.00	508	0.1				
409.7	412.7	3	100.00	511	0.16				
412.7	415.7	3	100.00	514	0.17				
415.7	418.7	3	100.00	517	0.2				
418.7	421.7	3	100.00	520	0.16				
421.7	424.7	3	100.00	523	0.2				
424.7	427.7	3	100.00	526	0.32				
427.7	430.7	3	100.00	529	13.6	430	461	172	2.68
430.7	433.7	3	100.00	532	13.9				
433.7	436.7	3	100.00	535	0.28				
436.7	439.7	3	100.00	538	0.19				
439.7	442.7	3	100.00	541	0.18				
442.7	445.7	3	100.00	544	0.06				
445.7	448.7	3	100.00	547	0.07				
448.7	451.7	3	100.00	550	0.18				
451.7	454.7	3	100.00	553	0.13				
454.7	457.1	2.4	100.00						
457.1	460.1	3	100.00			458.5	447	166	2.69
460.1	461.9	1.8	100.00						
461.9	463.7	1.8	100.00						
463.7	466.7	2.9	96.67						
466.7	469.7	3	100.00						
469.7	472.7	3	100.00						
472.7	475.3	2.5	96.15						
475.3	478.4	3.1	100.00						
478.4	481.5	3.1	100.00						
481.5	484.6	3.1	100.00						
484.6	486.1	1.5	100.00						
486.1	487.7	1.5	93.75			486.3	130	55	2.36
487.7	490.6	2.9	100.00			490	352	132	2.67

PROJECT: Boco

PASMINCO EXPLORATION
DIAMOND DRILL HOLE SUPPLEMENTARY DATA

HOLE No. AK 1

CORE RECOVERY				M.SUS		S.G			
FROM	TO	REC	%REC	DEPTH	M.SUS	DEPTH	WEIGHT	VOL	S.G
490.6	493.7	3.1	100.00						
493.7	496.7	3	100.00						
496.7	499.7	3	100.00						
499.7	502.7	3	100.00						
502.7	505.7	3	100.00						
505.7	508.7	3	100.00						
508.7	511.7	3	100.00						
511.7	514.7	3	100.00						
514.7	517.7	3	100.00						
517.7	520.7	3	100.00			520	341	127	2.69
520.7	523.7	3	100.00						
523.7	526.7	3	100.00						
526.7	529.7	3	100.00						
529.7	532.7	3	100.00						
532.7	535.7	3	100.00						
535.7	538.7	3	100.00						
538.7	541.7	3	100.00						
541.7	544.7	3	100.00						
544.7	547.7	3	100.00						
547.7	550.7	3	100.00			550	375	140	2.68
550.7	553.7	3	100.00						
EOH	EOH	EOH		EOH	EOH	EOH	EOH	EOH	