

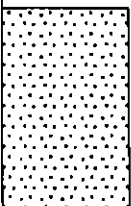

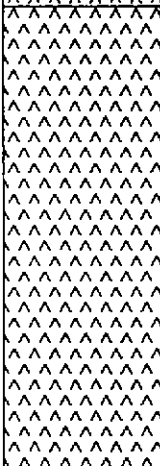

PASMINCO EXPLORATION
DIAMOND DRILL CORE LOG

HOLE No. YHV1

PROJECT: YOLANDE: HENTY VALLEY

Vertical Scale 1 : 150

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
0.00	4.00	SANDSTONE Pale, Green, Medium grained, Massive, Slightly Chloritised, Massive pale green matrix with coarser dark green chlorite flecks. Indistinct fine layers 1mm thick, 20mm apart (40 deg to LCA). CONTACT: Faulted, at 40 degrees to LCA. Very sharp.		0			PRIMARY FABRIC. R 40. Indistinct laminations possibly bedding.	S sst	so	chl
4.00	10.40	ANDESITE Pale, Green, Medium grained, Massive, Feldspar phyric, Slightly Chloritised, Pale green matrix (similar to previous interval?) with abundant distinct 2 to 4mm euhedral plagioclase evenly distributed throughout interval. Minor dark 1mm chloritic grains throughout? CONTACT: Gradational, Alteration change.						L Ln		chl
10.40	19.50	ANDESITE Pale, Green, Medium grained, Massive, Feldspar phyric, Highly Kaolinised, Slightly Silicified, This is the same lithology as previous interval but has distinct white kaolin/fuchsite alteration centered around abundant 5 to 15cm quartz pyrite/goethite veins (60 to 90 deg to LCA). CONTACT: Gradational, Alteration change.	pyrite in veins, minor pyrite on fractures, Zone of massive pyrite altered to goethite in quartz veins and iron staining on joint and fracture faces..	10			FRACTURE. Zone of broken core, low angle fractures and high angle joints with prominent iron staining. VEIN, Pyrite, Fracture. Zone of fracturing and alteration haloing high angle quartz pyrite/goethite veins. VEIN, Pyrite, Fracture. Quartz/pyrite veining, fracturing and alteration (fuchsite/kaolin). VEIN, Pyrite, Fracture. Quartz/pyrite veining surrounded by fracturing and alteration.	L Ln	frac vein vein	kaol sil
19.50	28.20	ANDESITE Pale, Green, Medium grained, Massive, Feldspar phyric, Slightly Chloritised, Lithology as above, alteration associated with surface weathering.		20			VEIN, Pyrite, Fracture. Quartz/pyrite veining, fracture/alteration.	L Ln	vein	chl

996139

5 cm

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		Slightly Chloritised, Lithology as above, alteration associated with surface weathering. CONTACT: Gradational, Alteration change.					fracture/alteration.			
28.20	31.80	ANDESITE White, Brown, Fine grained, Massive, Feldspar phytic, Highly Kaolinised, Lithology as above, kaolin pyrite fuchsite alteration associated with zone of shearing and brecciation. CONTACT: missing but coincides with shearing and brecciation.	minor pyrite on fractures. Zone of iron staining on fracture faces associated with fuchsite alteration..	30			<p>FRACURE, Pyrite. Zone of broken core with pyrite stained fractures and joints.</p>	L Ln	frac	kao
31.80	32.90	BLACK SHALE No recovery, possibly washed out broken core.					<p>FRACURE. Zone of pyrite stained fractures and associated bleaching.</p>	S bsh	frac	
32.90	39.80	BLACK SHALE AND ANDESITE Brown, Black, Fine grained, Brecciated, Moderately Kaolinised, Zone of sheared brecciated mixed shales and lavas.					<p>FAULT, Brittle, Pyrite. Core loss and brittle fracture in broken pyrite stained core.</p>	S bsh & Ln	flt	kao
39.80	40.65	BLACK SHALE AND ANDESITE NO RECOVERY.		40			<p>FRACURE, Pyrite. Zone of brecciation and broken core.</p> <p>FAULT, Pyrite. Brittle faulting and pyrite stained broken core.</p>		frac flt	
40.65	43.10	BLACK SHALE Black, Fine grained, Disrupted on abundant irregular hatchwork of fine carbonate veinlets. CONTACT: obscured but grossly					<p>FAULT, A 40, Brittle. Brittle fault.</p> <p>FAULT, A 30, Brittle. Displacement probable east side up vertical.</p>	S bsh	flt	

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Vertical Scale 1 : 150

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DESCRIPTION		GRAPHIC			CODES					
From	To	LITHOLOGY & ALTERATION	MINERALISATION	Depth	Lithology	Structures	STRUCTURES	LITH	STR	ALT
		Black, fine grained, disrupted on abundant irregular network of fine carbonate veinlets. CONTACT: obscured but grossly conformable.					side up vertical.			
43.10	54.50	ANDESITE Pale, Green, Medium grained, Massive, Feldspar phytic, Slightly Silicified, Similar to previous plagioclase phytic lavas, minor variation in matrix grain size and constituents. CONTACT: missing, but zone of quenching towards contact.	minor pyrite in veins, very minor sphalerite in veins. Very minor coarse grained sphalerite in quartz vein..	50			<p>FRactURE. Zone of broken core with pyrite staining on joint and fracture faces, and fine irregular calcite veining in slate.</p> <p>VEIN. Sphalerite. Massive coarse grained white quartz and calcite, minor weathering pits, minor sphalerite.</p>	L Ln	frac	sil
54.50	64.60	BLACK SHALE Black, Fine grained, Laminated, Laminated black slate, undeformed bedding at 40 deg to LCA. Common 5 to 15mm beds of granular mg carbonate sandstone. Frequent pyrite spots in carbonate parallel to bedding, minor crosscutting carbonate veins. CONTACT: conformable irregular soft sediment mixing.	DISSEMINATED, minor pyrite disseminated, Minor fine disseminated pyrite and pyrite spots frequently associated with calcite, ubiquitous in black slate.	60				S bsh		
			M.							
			DISSEMINATED, minor pyrite							

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5 cm

PASMINCO EXPLORATION

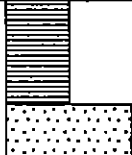
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64.60	65.70	SANDSTONE Khaki, Medium grained, Massive, Massive rock with a granular texture, possibly carbonate rich, resembles carbonate beds from slate unit.	DISSEMINATED, minor pyrite disseminated. Minor aggregates of fine grained pyrite/calcite, similar in form to occurrences in previous interval..	70			BEDDING, R 40. Zone with minor fine calcite veining at high angle to bedding.	5 sst	ss	
				80						

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5 cm