



PASMINCO ROSEBERY

A.C.N. 004 074 962

Hole No: 003B Objective: To test eastern extension of Lens 1 one 5290N section Result: No significant mineralisation. HQ core barrel and 3m of HQ rods cut off and abandoned at ~35.7m. Beware Core loss effects on Assays.	Location: Brown's Tunnel			Depth	Direct	Dip	Depth	Direct	Dip	Depth	Direct	Dip	Depth	Direct	Dip
				0.0	270.0	-62.0									
				29.5	269.0	-62.7									
				60.0	267.0	-61.0									
			86.0	268.0	-61.0										
Planned Direction: 270° Planned Dip: -62° Planned Depth: 80.0 m Planned Northing: 5290 m N Planned Easting: 4958 m E Planned Collar R.L.: 473 m RL		Drilling Commenced: 4/06/98 Drilling Completed: 9/06/98 Actual Depth: 86.0 m Surveyed Northing: 5291.70 m N Surveyed Easting: 4959.90 m E Surveyed Collar R.L.: 472.30 m RL													
Date Logged: 02-Jul-1998 Logged By: Michael Whitbread Hole Size: HQ/NQ Hole Category: Other Grouted:		Summary Log: Ground generally broken, especially around logged faults. 0-2m No core; -7.2m HO: -16.6m HOTS; -20.6m F; -24.1m HO (23.7-24.1 F?); -28.9m HOTS; -30.5m F; -35m HOTS; -46.5m F; -48.2m HOTS; -74.1m FW; -82.9m HOTS -86m(EOH) HO.													
Date Log Verified: 25-Aug-1998 Verified By: Michael Whitbread															

From (m)	To (m)	Strat Code	Desc Code	Alt Code	Alt Int.	Description	@ Depth	Feature	LCA Deg°	RQD To (m)	RQD %	Sample No	From (m)	To (m)	Length (m)	Pb %	Zn %	Cu %	Ag g/t	Au g/t	Fe %	TMU \$	
0.0	2.0	NC				NO CORE				2.0	NC	90340	2.0	2.4	0.4	0.1	0.1	0.01	1	0.1	0.2	3	
0.0	2.0				a	No core				8.0	5	90341	2.4	3.4	1.0	0.1	0.1	0.01	1	0.1	0.2	3	
0.0	2.0									9.8	88	90342	3.4	4.7	1.3	0.1	0.1	0.01	1	0.1	0.2	3	
2.0	6.1	HO				HOST SEQUENCE				11.0	8	90343	4.7	5.7	1.0	0.1	0.1	0.01	1	0.1	0.2	3	
2.0	6.1				a	Weathered, broken, material. Varies between clay zones, weathered siltstone schists, and weathered 'breccias' of 'cherty' fragments (with lesser siltstone fragments as well). First 20cm is a brown silicified sandstone. 'Cherts' most common between 3 and 5.6m. Last part looks to be a weathered version of next unit. Competency very bad - generally only partial recovery, but also have 80cm loss between 3 and 4.7m.				16.6	90	90344	5.7	6.1	0.4	0.1	0.1	0.01	1	0.1	0.4	3	
2.0	6.1	BR	cy							20.8	0	90345	6.1	7.2	1.1	0.2	0.1	0.01	1	0.1	0.6	3	
		SA									29.1	84	90346	7.2	8.3	1.1	0.2	0.1	0.01	1	0.1	0.7	3
		ST	cy								30.5	14	90347	8.3	9.8	1.5	0.1	0.1	0.01	1	0.1	1.5	3
											35.2	85	90348	9.8	11.0	1.2	0.1	0.1	0.01	1	0.1	1.0	3
											46.2	8	90349	11.0	12.0	1.0	0.1	0.3	0.01	1	0.1	1.0	6
											86.0	96	90350	12.0	13.0	1.0	0.1	0.2	0.01	1	0.1	0.8	4
													90351	13.0	14.0	1.0	0.1	0.1	0.01	1	0.1	0.8	3
												90352	14.0	15.0	1.0	0.1	0.2	0.01	1	0.1	0.7	4	
6.1	7.2	HO				HOST SEQUENCE						90353	15.0	16.0	1.0	0.1	0.7	0.01	1	0.1	0.6	11	
6.1	7.2				b	Medium grey, relatively unoxidised, strongly cleaved, fine grained, ?sericite altered, rock/siltstone. Possible fault position at 6.7-6.8m, marked by light grey clay. Competency bad - generally very broken, with larger fragments very soft and friable. Strong fabric at 40 degrees to CA.	6.5	CV	40°			90354	16.0	16.6	0.6	0.2	1.2	0.01	1	0.1	0.6	18	
		RK	se									90355	16.6	17.9	1.3	0.1	0.3	0.01	1	0.1	1.3	6	
		ST	se										90356	17.9	19.5	1.6	0.1	0.3	0.01	1	0.1	1.4	6
													90357	19.5	20.6	1.1	0.1	0.1	0.01	1	0.1	0.8	3
													90358	20.6	21.6	1.0	0.1	0.1	0.01	1	0.1	3.1	3
													90359	21.6	22.5	0.9	0.1	0.1	0.01	1	0.1	2.1	3
													90360	22.5	23.7	1.2	0.1	0.1	0.01	1	0.1	1.7	3
													90361	23.7	24.1	0.4	0.1	0.1	0.01	1	0.1	1.2	3
7.2	16.6	HOTS				HOST - TRACE SULPHIDES																	

003079

Hole No: 003B

From (m)	To (m)	Strat Code	Desc Code	Alt Code	Alt Int.	Description	@ Depth	Feature	LCA Deg°	RQD To (m)	RQD %	Sample No	From (m)	To (m)	Length (m)	Pb %	Zn %	Cu %	Ag g/t	Au g/t	Fe %	TMU \$				
7.2	16.6	VC		sc	a	Greenish yellow and medium grey, variably sericite+/-chlorite altered, generally sericitic altered-matrix supported, breccia/volcanoclastic breccia. Unit is often partially oxidised, as iron oxide coats along fractures and blebs in surrounding rock. Some of these fractures run about 45 degrees to CA, 'conjugate' to the dominant fabric. Clasts are mainly of the 'cherty'/silica altered fine grained sediment type -some banded, others massive. Clast size from mm to >4cm. Clasts sub-angular to rounded, but elongate, isolated bands of 'chert' are also occasionally present. Clasts smaller in size and less common in last 2m of unit. Fabric is often strong, marked by sericite+/-chlorite wisps and faintly by clast orientation. Fabric wraps around clasts, so locally may not reflect overall fabric orientation. Rarer clasts are pyrite with +/- sulphide mix and very rarely sphalerite. This sulphide assemblage is uncommonly present in strong cleavage zones, around the rims of clasts and in rarely in 'tension' cracks in 'chert' clasts. First 1.2metres of unit strongly sericite altered (carrying only small <5mm size fragments), and is partially oxidised. The last 1m starts to become silicified. Competency generally moderate-good except for these zones. 7.2-8m, 9.5-10.9m, which have most fragments under 5cm and 10cm. Most breaks in unit are along cleavage, which sits around 30 degrees to CA. Quartz veins fragments (with iron oxide staining) present at 12.1m, possibly a small shear zone, parallel to dominant fabric.	8.5	CV	45°		90362	24.1	24.5	0.4	0.1	0.1	0.02		1	0.1	0.9					3
				se				11.4	CV	30°			90363	24.5	25.5	1.0	0.1	0.1	0.01		1	0.1	1.2	3		
				si				13.6	JT	4°			90364	25.5	26.5	1.0	0.1	0.1	0.01		1	0.1	1.6	3		
								13.6	CV	27°			90365	26.5	27.5	1.0	0.1	0.1	0.01		1	0.1	1.8	3		
								15.2	CV	37°			90366	27.5	28.9	1.4	0.1	0.1	0.01		1	0.1	2.7	3		
													90367	28.9	30.5	1.6	0.1	0.1	0.01		1	0.1	0.7	3		
													90368	30.5	31.5	1.0	0.1	0.1	0.01		1	0.1	0.9	3		
													90369	31.5	32.5	1.0	0.1	0.1	0.01		1	0.1	1.5	3		
													90370	32.5	33.5	1.0	0.1	0.1	0.01		1	0.1	1.6	3		
													90371	33.5	34.5	1.0	0.1	0.1	0.01		8	0.1	2.0	4		
													90372	34.5	35.0	0.5	0.1	0.2	0.01		1	0.1	1.7	4		
													90373	35.0	36.2	1.2	0.1	0.1	0.01		1	0.1	0.7	3		
													90374	36.2	38.8	2.6	0.1	0.1	0.01		1	0.1	1.7	3		
													90375	38.8	39.8	1.0	0.1	0.1	0.01		5	0.1	1.1	4		
													90376	39.8	40.8	1.0	0.1	0.1	0.02		5	0.1	2.0	4		
													90377	40.8	41.8	1.0	0.1	0.3	0.01		4	0.1	2.1	6		
													90378	41.8	42.8	1.0	0.2	0.6	0.01		4	0.1	1.3	10		
													90379	42.8	43.8	1.0	0.1	0.1	0.03		8	0.1	1.7	4		
													90380	43.8	44.9	1.1	0.1	0.1	0.01		5	0.1	1.5	4		
												90381	44.9	45.2	0.3	0.1	0.1	0.01		1	0.1	1.1	3			
												90382	45.2	46.5	1.3	0.1	0.1	0.01		1	0.1	1.5	3			
												90383	46.5	47.5	1.0	0.1	0.1	0.01		1	0.1	1.4	3			
												90384	47.5	48.2	0.7	0.1	0.1	0.01		1	0.1	1.4	3			
												90385	48.2	49.2	1.0	0.1	0.1	0.01		1	0.1	1.7	3			
16.6	20.6	F				FAULT																				
16.6	20.6				a	Zone of extensive core loss, and rubbly broken material.	20.4	CV	10°			90386	73.1	74.1	1.0	0.1	0.1	0.01		1	0.1	1.5	3			
				RK	se	Rubble of 3 types: 1- Medium grey siltstone, bearing common thin <1mm sulphide veinlets (pyrite mainly +/- galena +/- sphalerite); 2- Yellow green sericite altered rock, sometimes containing 'cherty' clasts, has a strong fabric (~10-15 degrees to CA), 3 vein quartz fragments. 1 dominates to 19m, after which 2 is predominant. 3 occurs as a 20cm patch somewhere between 19-20.5; hard to say exactly since there is 5m core loss. Competency awful, with 10cm core loss between 17.5-17.8m; 1m loss from 17.8-19m and 5m loss 19-20.5m. Quartz zone (which is rarely seen) probably marks						90387	74.1	75.1	1.0	0.2	0.1	0.01		1	0.1	2.6	3			
				ST									90388	75.1	76.1	1.0	0.2	0.3	0.01		5	0.1	3.0	7		
				VC	qs								90389	76.1	77.1	1.0	0.1	0.4	0.01		5	0.1	1.6	8		
													90390	77.1	78.1	1.0	0.3	0.5	0.01		9	0.2	5.8	11		
													90391	78.1	79.1	1.0	0.2	0.4	0.01		6	0.1	3.5	8		
													90392	79.1	80.1	1.0	0.1	0.6	0.01		14	0.2	3.7	13		
													90393	80.1	81.1	1.0	0.2	0.3	0.05		7	0.1	4.9	8		
													90394	81.1	82.1	1.0	0.1	0.6	0.01		4	0.1	3.3	10		
													90395	82.1	82.9	0.6	0.1	0.1	0.01		1	0.1	2.8	3		
												90396	82.9	83.9	1.0	0.1	0.1	0.01		1	0.1	2.1	3			

Total Length: 58.0

Standards

Reference Values for: HBM-02 17/07/98

3.4 12.5 0.46 150 1.3 22.7

Variances Allowed: 20% 20% 30% 20% 20% 20%

90397 Inserted @ 83.9m 3.7 15.0 0.48 164 1.3 23.3 Y

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From (m)	To (m)	Strat Code	Desc Code	Alt Code	Alt Int.	Description	@ Depth	Feature	LCA Deg°	RQD To (m)	RQD %	Sample No	From (m)	To (m)	Length (m)	Pb %	Zn %	Cu %	Ag g/t	Au g/t	Fe %	TMU \$	
20.6	23.7		VC	qs	b	Medium grey or orange grey, densely feldspar phyrlic, occasionally silicified siltstone clast bearing, moderately silicified/sericitised dacitic mass flow/volcanoclastic. Quartz phenocrysts rare to absent. Feldspar phenocrysts of variable size (mm-5mm), and the uncommon siltstone fragments are 1-2cm in length. Matrix is an indeterminate fine grained material. A fabric is evident, although crystal orientation often only weakly reflects this; may be cleavage or weak bedding. Possibly Fe carbonate alteration present, indicated by the orange post-drilling oxidation hue; some of phenocrysts were carbonate or are now carbonate altered? Occasional thin (<1mm) veinlets of reddy brown clay, or a black material (chlorite?), cut across the core in varying orientations. Core of reasonable competency to 22.5m after which the ground is broken (fragments less than 10 and 5cm, with 0.6m core loss before 23.1m.	21.8	CV	31°														
							22.4	CV	41°														
23.7	24.1		BR ST		b	Possible fault, pug and fragments of ?sericite altered siltstone on end face of last unit, 0.2m core loss before 24.1m and broken fragments	23.7	FT	27°														
24.1	28.9	HOTS				HOST - TRACE SULPHIDES																	
24.1	24.5		ST	se	b	Medium to dark grey, possibly weakly sericite altered, siltstone. Marked by strong fabric 5-15 degrees to CA. Breaks along this or ~45 to CA along joint. Unit weak Hots - carries rounded blebs/clasts of sulphide as pyrite, or 'sulphide mix'-sphalerite-chalcopyrite. Bleb size 2mm to 3-4cm. Competency poor, due to breaks along fabric.	24.3	CV	5°														
24.5	28.9		PU ST VC	sc si qs	b	Medium grey or orange grey, densely feldspar phyrlic, clast bearing, moderately silicified/sericitised dacitic mass flow pumice breccia/volcanoclastic. Quartz phenocrysts rare to absent. Feldspar phenocrysts of variable size (mm-5mm). Black, silicified siltstone/slate fragments are 1->10cm in length, which may be cut by orangey carbonate and white quartz +/- sphalerite etc veinlets. Other wispy, irregular and extensively sericite-chlorite (or can be silica) altered feldspar phyrlic zones with faint internal lamination may be pumiceous clasts. Also have light grey cherty clasts (sometimes banded and not the black siltstone/slate). In rare case have pyrite wisps and blebs. A fabric is evident close to CA, picked out by clast orientation, sericite wisps, orangey wisps, etc. Fabric, in rare cases followed by thin quartz +/- sulphide-mix+sphalerite e.g. 28.6m. Matrix fine grained, occasionally sand sized. Possibly Fe carbonate alteration present, indicated by the orange post-drilling oxidation hue; some of phenocrysts were carbonate or are now carbonate altered? Feldspar size and abundance greatly decreases after 25.8m. Occasional, thin black +/- sericite veinlets cut across the core ~40-60 degrees. Competency moderate except from 24.7-25.1m which has (0.1m loss) and is broken.	25.4	CV	11°														
							25.5	VN	71°														
							27.0	VN	63°														
							27.3	CV	3°														
							28.9	CV	5°														
28.9	30.5	F				FAULT																	

Hole No: 003B

From (m)	To (m)	Strat Code	Desc Code	Alt Code	Alt Int	Description	@ Depth	Feature	LCA Deg°	RQD To (m)	RQD %	Sample No	From (m)	To (m)	Length (m)	Pb %	Zn %	Cu %	Ag g/t	Au g/t	Fe %	TMU \$	
28.9	30.5		QZ		a	Fault zone, consisting of broken fragments, most 5-10cm in length. Fragments are massive, coarse quartz veins and a version of the previous unit (still clast bearing strongly transposed/sheared) usually cross-cut by the afore mentioned quartz veins (mm-cm's wide). Fragments (e.g. elongate siltstone bands) within the volcanoclastic show kinking around the later quartz veinlets. Dacite volcanoclastic does not show orange oxidation. Quartz veins may carry trace coarse grained red-brown sphalerite, and galena. Veins are coarse quartz crystals, usually elongate vertically to vein walls, or randomly grown into voids if in a massive zone. Competency bad, worst zone before 30m (0.1m core loss).	29.8	CV	10°														
			VC	qs			30.1	CV	7°														
30.5	35.0	HOTS				HOST - TRACE SULPHIDES																	
30.5	35.0		ST	si	b	Much like 24.5-28.9m. Medium grey, occasionally orange stained, densely feldspar phync, clast bearing, moderately sericitised dacitic mass flow breccia/volcanoclastic. Quartz phenocrysts rare to absent. Feldspar phenocrysts of variable size (mm-5mm), set in a finer grained matrix of indeterminate mineralogy - now quartz-sericite altered. Phenocryst size varies between coarse grained to medium grained throughout. Black, silicified siltstone/slate fragments are 1->30cm in length, which may be cut by orangey carbonate and white quartz +/- sphalerite veinlets. Sphalerite may occur as very rare blobs and wisps in the matrix and cleavage as well. Siltstone/slate fragments may have internal lamination/banding. Unit also has cherty type clasts (ie not siltstone/slate). A fabric is evident ~30 degrees to CA, picked out by clast orientation, sericite wisps, orangey wisps, etc. Competency moderate except 33.4-34.5 which is poor to moderate. 0.1 core loss between 30-31.2m most likely in previous fault unit.	31.7	BE	25°														
			VC	se			32.6	CV	30°														
35.0	46.5	F				FAULT																	
35.0	46.5		BR		a	Broken zone, dominantly comprised of broken variably sericite+/-chlorite altered siltstone. Also has two 10cm fault-pug zones (~36.2-36.3m and ~45.1-45.2m), and three zones of quartz+/-chlorite+/-sphalerite+/-galena veining (~36.7-38.5m?, 43-43.2m and ~46.2-46.4m). The siltstone has a strong fabric at ~30 degrees to CA and is greenish in hue to 39.7m after which it is medium grey. Quartz +/- sphalerite veinlets are common. Siltstone also has occasional cross-cutting or fabric concordant sericite and more rarely sphalerite, pyrite veinlets. Pyrite +/- sphalerite etc may rarely be present as blebs or disseminations in the siltstone. Competency awful, with core loss bad to 38.5m (no recovery 36.9-38.5m), and unmarked core loss in the remainder.	40.6	CV	30°														
			QZ				44.4	CV	27°														
			ST	sc			44.8	CV	21°														
							46.4	CV	29°														
46.5	48.2	HOTS				HOST - TRACE SULPHIDES																	

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Hole No: 003B

From (m)	To (m)	Strat Code	Desc Code	Alt Code	Alt Int.	Description	@ Depth	Feature	LCA Deg°	RQD To (m)	RQD %	Sample No	From (m)	To (m)	Length (m)	Pb %	Zn %	Cu %	Ag g/t	Au g/t	Fe %	TMU \$		
46.5	48.2	VC	qs	si	a	Grey, and yellow-brown-grey, heavily silicified, well banded, graded, dominantly fine (to medium grained) volcanoclastic. The banding often appears to be due to alternating graded material. The coarser material is feldspar and lesser quartz crystal rich, but is reasonably well sorted. Only at one spot, 47m, is there an appearance of brecciation, with coarse material wedged unevenly between two finer bands - possibly due to loading. Silicified finer grained bands or 'cherty' intervals, are light grey in colour and may be banded by ?chlorite veinlets/laminations. Coarser bands are yellowy in colour due to more developed sericite (plus silica) alteration of feldspars c.f. light grey silicified finer grained bands. Quartz-carbonate +/- sphalerite veinlets are common, running in various orientations, usually against the banding. This unit may be a fining (Bouma type) unit at the top of the stratigraphically lower mass flow (next unit). Or it may represent the resumption of low energy sedimentation following the mass flow. Competency good. Orientated measurement at 47.5m, bedding, dipping 38-42 degrees to the west at ~10-190 strike.	47.0	BD	27°															
							47.4	BD	15°															
							48.0	BD	37°															

48.2 74.1 FW

FOOTWALL SEQUENCE

48.2	74.1	PU	qt	si	a	NQ from 60.5m. Patchwork black-yellow-grey, or 'dogs breakfast' coloured, densely feldspar phyric, clast bearing, silicified and patchily chlorite altered dacitic mass flow pumice breccia. Quartz phenocrysts rare to absent (thus dacitic composition - as silica may be post deposition). Feldspar phenocrysts of variable size (mm-5mm), and, if not part of a pumice clast, sit in the fine grained, silicified matrix. Unit partly dominated by black (lesser green-black), wispy, irregular and extensively chlorite-silica altered, feldspar phyric patches often with faint internal laminations; these are believed to be pumice clasts. The black patches may be Fe-Mg rich chlorite, which appears to have replaced the matrix, not the phenocrysts. Some of the black patches are chlorite accumulations, not alteration products of pumice. Clasts may be angular to sub-rounded: Dominant among these are dark grey to black, silicified, sometimes banded, siltstone/slate fragments 1->30cm in length. Most other clasts have a variable size range but are less than 10cm in length. Other fragments include: common light grey, often banded, silicified siltstone/chert; rare sericite altered rock; and yellow to pinky-yellow silica +/- ?K-feldspar altered, occasionally banded and/or feldspar phyric clasts. Some of the latter may be pumice clasts. A weak fabric is evident, possibly cleavage or bedding?; is picked out by vague clast or crystal orientation, sericite wisps, elongations of 'pumice' clasts etc. It is difficult to measure, and may be ambiguous in places: but runs ~40-50 degrees to CA. Common, thin (mm-1cm) quartz-carbonate veins cut across the core in varying orientations, rarely carrying sphalerite. Possibly important quartz-carbonate+chlorite veins at 52.5-53.8, running near CA, along or between which there may be some movement. Competency good. Orientation at 56.5m.	53.2	VN	10°																
							53.5	VN	8°																
		ST	si				57.9	CV	50°																
							65.4	CV	47°																

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From (m)	To (m)	Strat Code	Desc Code	Alt Code	Alt Int	Description	@ Depth	Feature	LCA Deg°	RQD To (m)	RQD %	Sample No	From (m)	To (m)	Length (m)	Pb %	Zn %	Cu %	Ag g/t	Au g/t	Fe %	TMU \$				
74.1	82.9	HOTS				HOST - TRACE SULPHIDES																				
74.1	82.9	SL	si	b		Medium grey to black, silicified, occasionally chlorite+/-sericite altered, siltstone/shale with lesser fine sandstone and chert. After 78.2m becomes finer grained and black in colour. Variably massive or finely laminated. Possible bedding marked by changes in grain size, some of which run orthogonal to CA, while others sit sub-parallel to laminations (30-40 degrees to CA). The variation may be due to slumping/loading of these contacts, or cross-bedding. Unit also carries trace quantities of sulphide, present either in bands (pyrite mainly), or in thin quartz-carbonate veinlets which are common. A small number of pyrite +/- sphalerite bands (up to 5cm thick) are present up to 78.2m, in the lighter coloured zone of the unit (e.g. at 78m). These bands appear to be parallel to laminations, however most sphalerite present in these zones (and the unit in general) sits in thin carbonate +/- quartz veinlets. The pyrite zones seem to have chlorite band counterparts (which may contain blebby and disseminated pyrite) in the darker, second half of the unit. Pyrite may also be present as small disseminated blebs outside of these zones. Sphalerite content in the unit controlled by the numerous thin (mm) carbonate-quartz veinlets which run in varying orientations: parallel or conjugate to banding and laminations; and to a lesser extent, close to CA. Core competent. Orientation at 77m. Orientated measurement: - 77.9m banding - dip, 74-76 degrees to the East, ~320-140 strike; 76.9m bedding/banding dipping 80 degrees to the East, ~315-135 strike; 82.9m Contact/?shear dipping 80 degrees to the East, ~325-345 strike.	76.9	BE	30°																	
			ST	cl			78.1	BD	47°																	
				si			78.5	CV	43°																	
							80.3	VN	45°																	
							80.5	BD	51°																	
							82.0	VN	6°																	
82.9	86.0	HO				HOST SEQUENCE																				
82.9	86.0	BR		b		EOH 86m. Yellowy-green-grey, silicified, altered-feldspar phyric rich, 'cherty' clast bearing, matrix dominated, volcanoclastic breccia/mass flow. Feldspar phenocrysts vary from 1-5mm generally. They are also sericite+/-carbonate altered, taking on a yellowy hue. The phenocrysts are contained within a silty to fine sand sized matrix. Common to occasional cherty clasts (are banded), varying from 5mm->30cm in size. Unit also carries rarer small dark slatey clasts. This unit is similar to 20.6-24.1m. Despite being heavily silicified, assigned HO rather than FW, as it lacks the 'pumice' and large black slate/siltstone clasts/rafts of the 'FW' unit 48.2-73.1m. Carries quartz-carbonate+/-chlorite+/-sphalerite veinlets (similar to previous unit); however sphalerite content is greatly decreased and decreases downhole. Core competent. Orientation at 83. EOH at 86m.	83.8	VN	50°																	
			VC	si			84.0	CV	33°																	
							85.0	CV	31°																	