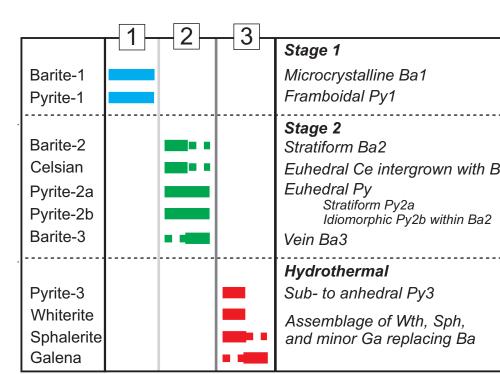
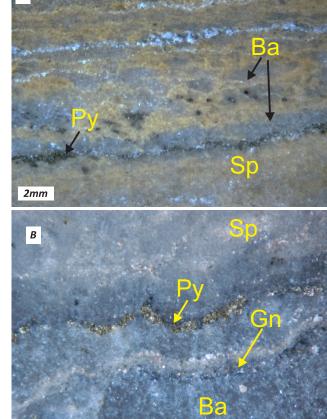
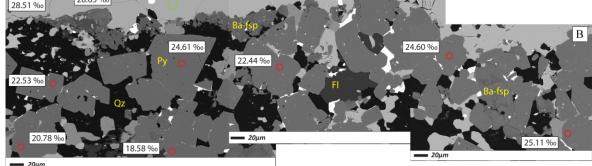


8.Basin has high biological productivity; should include outer shelf and slope settings and not focus exclusively on anoxic or sulphidic basins.

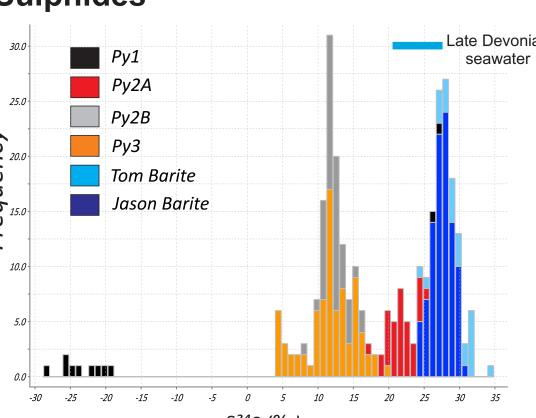


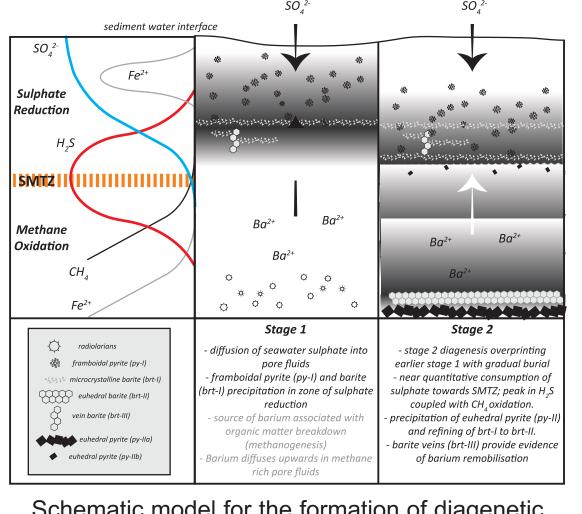


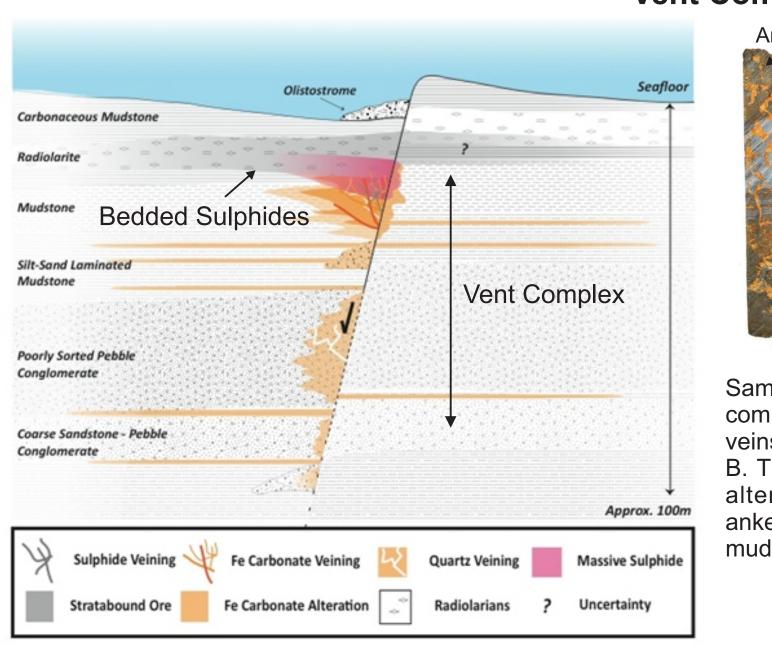
A. Stratiform pyrite (Py2a) and barite (Ba2). Yellowish material is sphalerite.



B. BSE image of red box with δ^{34} S values. δ^{34} S col Py2a (+17.4‰ to +25.7‰) approaches the δ^{34} S composition



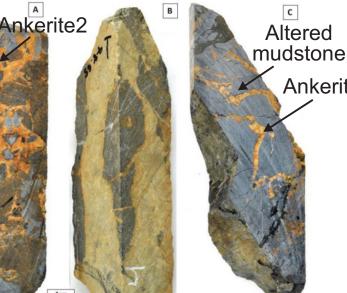


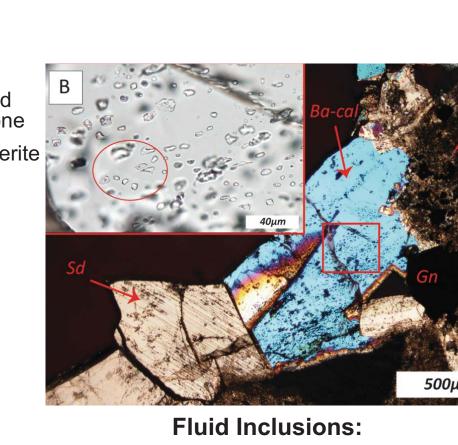


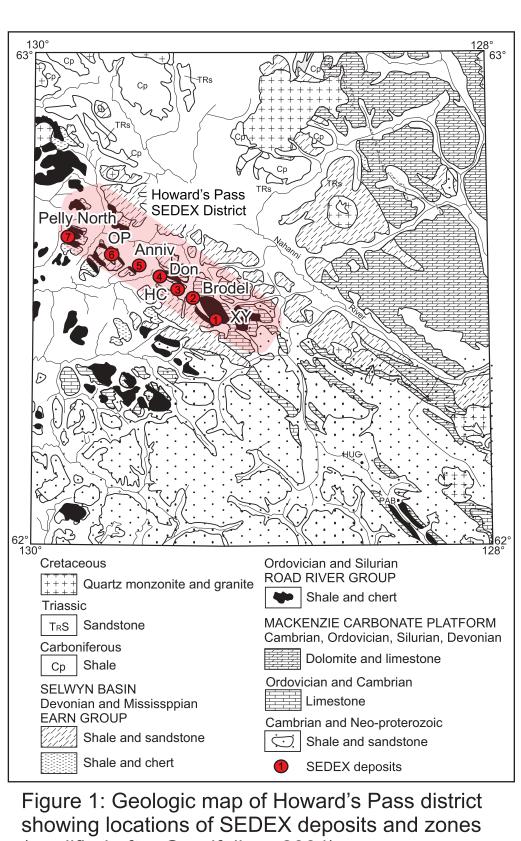
	Stage 1	Stage 2	Mineral paragenesis in
Quartz-1			the vent complexes:
Ankerite Ankerite-1 Ankerite-2	216°-266°C		Two main stages: 1) Pervasive ankerite alteration and ankerite
Pyrite-1			veins (stockwork)
Pyrobitumen			crosscutting the organic-
Quartz-2		172°-215°C	rich mudstone.
Barytocalcite		108°-136°C	2) Sulphides-siderite
Whiterite			(±quartz, ±barytocalcite)
Siderite Siderite-2a Siderite-2b			crosscut stage 1 ankerite alteration.
Pyrite-2	es		
Sphalerite	hid		Abbreviations:
Pyrrhotite	nermal sulphides	 sulphate reduction. TSR = Thermochemic sulphate reduction. 	BSR = bacterial sulphate reduction. TSR = Thermochemical
Galena			
Chalcopyrite			
Arsenopyrite			AOM-SR = sulphate reduction coupled
Pyrite-3	Hydrot		with anaerobic
	<u> </u>		methane. oxidation

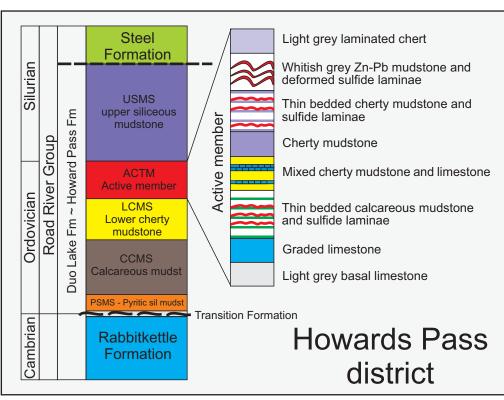
UPDATE ON THE SEDEX MODEL FOR DEPOSITS OF THE CANADIAN CORDILLERA YUKON AND BRITISH COLUMBIA

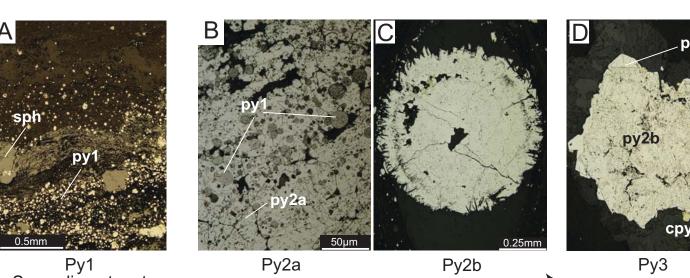
S. Paradis¹, J.M. Magnall², M.G. Gadd³, S.A. Gleeson², D. Layton-Matthews³, J.M. Peter⁴, and J. Lydon⁴

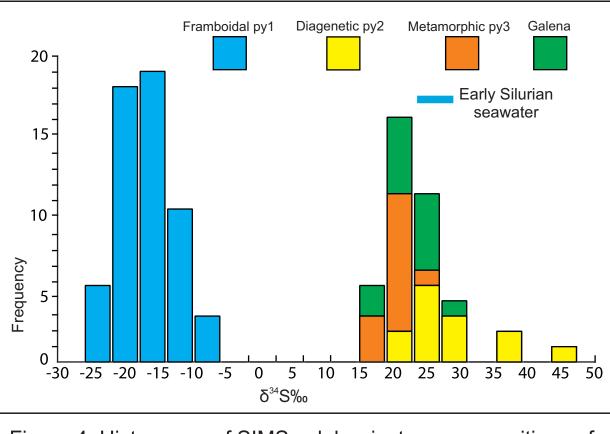


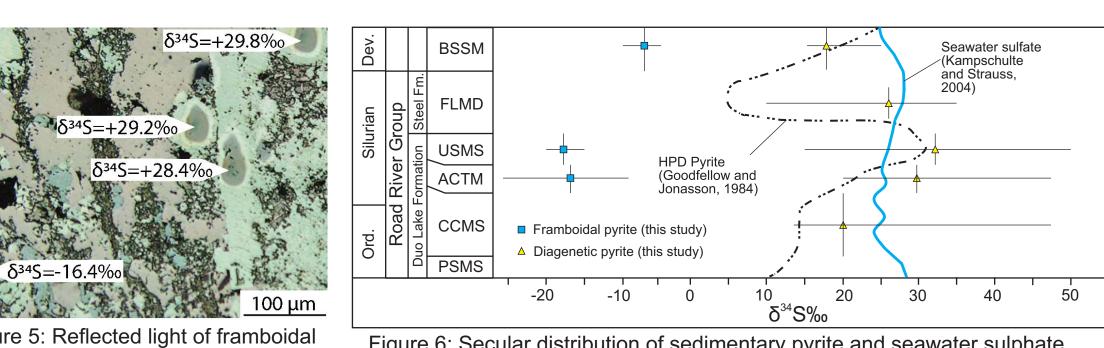












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