



Exp-Site-Core-Section				Top Depth	Bottom Depth	Sand	Silt	Clay	Clay Mineral	Clinoptilolite	Calcite	Dolomite	Glauconite	Mica	Opaque Minerals	Phillipsite	Pyrite	Quartz	Apatite	Fe Oxide	Feldspar	Micronodules	Microcrystalline Quartz	Nannofossils	Pyroxene	Volcanic Glass	Zeolite	Foraminifers	Diatoms	Radiolarians	Shells / Molluscs	Silicoflagellates	Spicules	Fish Remains	COMMENTS
324	U1346A	4R	1W	119.8	119.8			5		75		1		4							1			7		3									(From upmost limestone which is intruded by the basalt). Calcite dominated (85%); mostly fine sparite. Some nannofossils but not common. Opaque Fe-bearing minerals are small and generally tabular in shape (4%). Rare Glauconite (1%). Isolated grains of plagioclase are rare (1%). Looks like a reasonably deep carbonate deposit (no evidence for shells, sponges or other shallow water fauna).
324	U1346A	4R	1W	120.5	120.5			5		73				5										15											(From limestone which is intruded by the basalt). Calcite dominated (85%); mostly fine sparite. 25% nannofossils. Clear crystals showing pale-green pleochroism and bright birefringence colours, with cleavage along the long axis (pyroxine?), are common (15%). Some radiolarians (6%)? Opaque Fe-bearing minerals are small and generally tabular in shape (5%). Isolated grains of plagioclase are rare (1%).  Red colour in the slide is simply red wax used to denote the end of the piece in the core.
324	U1346A	4R	2W	121.2	121.2			14		35				1			2				2			15					0.5					(From fine clay layer in turbidite). Carbonaceous claystone with volcanic glass. Angular volcanic glass - limited transportation distance from source. Ash-sized.	
324	U1346A	4R	2A	121.3	121.3			5		40				4										10		40						1?		(from the turbidite sequence, slightly coarser layer). Lots of volcanic grains, calcite and siliceous biogenic remains.	
324	U1346A	4R	2W	121.3	121.3			10		7				2										3											(From fine clay layer in turbidite). Volcanic limestone. Almost pure sub-angular volcanic glass - limited transportation distance from source. Ash-sized. More orange alteration (?) colour in the glass than in slide 4R_2_53.
324	U1346A	4R	2A	121.7	121.7					60				5										5											(from the base of the uppermost turbidite sequence, coarser layer). Lots calcite, some nannofossils, some volcanic grains and siliceous biogenic remains. All grains angular, short transport distance from source.
324	U1346A	4R	2W	122	122			6		11														80											(from thin carbonate layer occluded to chert nodule). Nannofossil limestone. Some clay minerals and isolated green pleochroic crystals (pyroxine?). No obvious glass.



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324	U1346A	4R	2W	122	122			2			75	5		3									5							10					(from the shelly limestone), 90% carbonate. Shell fragments abundant (10%). Some nannofossils (5%). Glauconite common (5%). Some apatite?
324	U1346A	5R	1A	129.3	129.3			30			3				1				5				60		1										From calcareous mudstone.
324	U1346A	5R	1A	129.5	129.5			10			5	3					1	3	5				71		1							1			From carbonate and clay ooze.
324	U1346A	5R	1A	129.7	129.7			25			35	3		2	1				2				30		1								1		From clayey limestone.
324	U1346A	5R	1A	129.8	129.8			30			25	2								1			40		1								1		From clayey limestone.
324	U1346A	5R	1A	129.9	129.9			30			25	2							6	1			24		1							10	1		From silty limestone
324	U1346A	5R	1A	130.1	130.1			30			30	1		1	1				1				19									20	1		From calareous mudstone biscuit. Lots of sponge spicules. And lots of nannoconids (nannoconnus abundant?).
324	U1346A	5R	1A	130.2	130.2			25			21	2		1		1							40		1							8	1		From silty limestone.



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324	U1346A	5R	1A	130.4	130.4			20			67						1			5				5		1								1	From limestone - calcite looks like it was nannofossils but got recrystallized