

Sample/ Core, section	Sample type	Sample depth (mbsf)	Extraction method	Cell quantifications (cells/cm ³)		Checks for contaminant sources						Total Bacteria (16S rRNA gene copies/cm ³)			Total Archaea (16S rRNA gene copies/cm ³)			Functional genes						
						Seawater		Viscosifier		Sewage		806Fmod- 908R			908F- 1075R			27F- 338R			mcrA		dsrB	
				Direct cell counts	Predicted contaminants	SAR11 (16S)	MG1 Archaea (16S)	Xanthomonas	Halomonas	Bifidobacterium	Blautia	Methanobrevibacter	806F- 915R	915F- 1059R	806F- 958R	mcrIRD	ANME-1- mcrI	F1- 4RSI1	F2- 4RSI2	fhs 49F- 574R				
337-C0020A-																								
23-LMT	Drilling mud	NA	Chem. lysis	1.1E+08	NA	+	+	BD	+	BD	+	BD	1.3E+06	1.0E+07	1.9E+03	1.2E+03	BD	BD	BD	BD	+			
49-LMT	Drilling mud	NA	Chem. lysis	3.3E+08	NA	++	BD	++	+	BD	+	BD	1.8E+07	1.3E+07	6.6E+03	2.3E+03	BD	BD	BD	BD	BD			
76-LMT	Drilling mud	NA	Chem. lysis	5.5E+08	NA	+	BD	+	+	BD	+	BD	2.1E+06	1.0E+07	1.2E+03	1.4E+03	BD	BD	BD	BD	BD			
86-LMT	Drilling mud	NA	Chem. lysis			NA	+	BD	BD	+	BD	+	BD	6.7E+05	1.1E+05	8.0E+02	2.4E+02	BD	BD	BD	BD	BD		
106-LMT	Drilling mud	NA	Chem. lysis	1.6E+08	NA	++	BD	+++	++	BD	BD	BD	1.8E+07	1.3E+07	2.3E+02	3.3E-04	BD	BD	BD	BD	+			
108-LMT	Drilling mud	NA	Chem. lysis	2.1E+08	NA	BD	BD	++++	++	BD	BD	BD	2.8E+06	1.7E+07	3.0E+02	1.1E+01	BD	BD	BD	BD	+			
159-LMT	Drilling mud	NA	Chem. lysis			NA	BD	BD	++	BD	BD	BD	4.7E+06	2.3E+07	BD	8.4E+01	BD	BD	BD	BD	+			
165-LMT	Drilling mud	NA	Chem. lysis	2.0E+08	NA	BD	BD	+	++	BD	BD	BD	6.8E+07	5.3E+07	6.9E+02	7.4E+01	BD	BD	BD	BD	+			
182-LMT	Drilling mud	NA	Chem. lysis			NA	BD	BD	++	BD	BD	BD	6.8E+06	1.6E+07	2.2E+02	4.4E+01	BD	BD	BD	BD	+			
214-LMT	Drilling mud	NA	Chem. lysis			NA	BD	BD	++	BD	BD	BD	1.5E+07	5.9E+07	9.8E-01	1.4E+01	BD	BD	BD	BD	+			
237-LMT	Drilling mud	NA	Chem. lysis			NA	BD	BD	++++	++	BD	BD	BD	5.5E+06	1.9E+07	4.0E+02	1.6E+02	BD	BD	BD	BD	+		
256-LMT	Drilling mud	NA	Chem. lysis	1.4E+08	NA	BD	BD	++	++	BD	BD	BD	9.0E+06	2.5E+07	2.5E+02	3.1E+02	BD	BD	BD	BD	BD			
348-LMT	Drilling mud	NA	Chem. lysis			NA	BD	BD	++	++	BD	BD	1.0E+06	2.3E+06	BD	BD	BD	BD	BD	BD	±			
30-SMW	Unwashed cuttings	696.5	Chem. lysis	2.6E+07	2.4E+07	+	±	BD	+	BD	+	BD	3.5E+06	1.7E+07	5.6E+03	1.5E+04	+	BD						
45-SMW	Unwashed cuttings	846.5	Chem. lysis	2.4E+07	3.1E+07	+	±	BD	+	BD	+	BD	1.1E+06	2.4E+06	1.1E+03	4.1E+03	BD	BD						
61-SMW	Unwashed cuttings	946.5	Chem. lysis	6.7E+07		+	BD	BD	+	BD	+	BD	3.4E+06	1.5E+07	5.7E+03	9.9E+03	+	BD						
90-SMW	Unwashed cuttings	1196.5	Chem. lysis			3.1E+06	+	BD	BD	+	BD	+	BD	7.0E+05	3.1E+06	2.4E+03	1.1E+03	BD	BD					
122-SMW	Unwashed cuttings	1346.5	Chem. lysis	4.5E+07	BD	BD	++	++	BD	BD	BD	BD	3.0E+06	3.3E+06	1.1E+01	BD	BD	BD	BD	BD				
153-SMW	Unwashed cuttings	1496.5	Chem. lysis	1.3E+07	BD	BD	++	++	BD	BD	BD	BD	4.5E+04	4.9E+04	BD	4.9E+01	BD	BD	BD	BD	BD			
198-SMW	Unwashed cuttings	1696.5	Chem. lysis	1.5E+08	BD	BD	++	++	BD	BD	BD	BD	4.1E+06	4.3E+06	1.4E+03	4.8E+01	BD	BD	BD	BD	+			
212-SMW	Unwashed cuttings	1796.6	Chem. lysis	2.7E+08	BD	BD	++	+	BD	BD	BD	+	2.4E+05	1.7E+05	BD	8.1E+02	BD	BD	BD	BD	BD			
254-SMW	Unwashed cuttings	1996.5	Chem. lysis	7.1E+07	BD	BD	+	+	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD				
285-SMW	Unwashed cuttings	2196.5	Chem. lysis	3.4E+08	BD	BD	++	+	BD	BD	BD	BD	5.1E+06	3.3E+06	1.3E+03	6.6E+02	BD	BD	BD	BD	+			
358-SMW	Unwashed cuttings	2346.5	Chem. lysis	1.7E+08	BD	BD	+	+	BD	BD	BD	BD	2.7E+05	1.6E+05	BD	1.8E+02	BD	BD	BD	BD	+			
390-SMW	Unwashed cuttings	2446.5	Chem. lysis	9.2E+07	BD	BD	++	+	BD	BD	BD	BD	8.7E+05	4.5E+05	1.0E+03	2.0E+02	BD	BD	BD	BD	+			
25-SMW	Washed cuttings	646.5	Chem. lysis	1.6E+07	1.9E+07	+	BD	BD	BD	BD	BD	BD	6.7E+05	2.9E+06	BD	1.2E+02	BD	BD						
35-SMW	Washed cuttings	746.5	Chem. lysis	3.4E+07	2.5E+07	±	BD	BD	BD	BD	BD	+	6.4E+03	3.3E+03	1.0E+02	6.5E+02	BD	BD						
56-SMW	Washed cuttings	896.5	Chem. lysis	3.2E+07	2.1E+07	±	BD	BD	BD	BD	BD	BD	1.9E+04	8.4E+03	BD	7.0E+00	BD	BD						
61-SMW	Washed cuttings	946.5	Chem. lysis	6.7E+07		+	BD	BD	BD	BD	BD	BD	2.8E+04	6.4E+04	1.2E+03	5.0E+02	BD	BD						
3R-3	Core, interior	1372.6	Chem. lysis	4.1E+04				BD	BD				BD	BD			BD							
7R-1	Core interior	1599.5	Chem. lysis		[6.5E+03]			BD	BD				BD	BD			3.3E+00	BD						
10R-2	Core interior	1631.4	Chem. lysis		[8.6E+03]			BD	BD				BD	BD			1.1E+02	5.1E+01						
15R-2	Core interior	1920.4	Chem. lysis	2.9E+04				+	+				1.8E+04	4.4E+04			BD							
15R-5	Core interior	1923.6	Chem. lysis	(5.7E+01)	[6.5E+03]			BD	BD				BD	BD			BD							
16R-2	Core interior	1929.5	Chem. lysis	4.6E+05				BD	BD				BD	BD			BD							
20R-3</																								