

Table 1. Summary of cores examined (or to be assayed). Locations for each core are provided, as well as results of culturing (isolates) and sequences determined.

General Location	Core Name	Specific Location	Section	Section: total length, length remaining	Depths	Isolates (ID: to species, genus, unknown)	Sequences
Antarctica	Byrd 68	80° 01' 00" S, 119° 31' 00" W	24-206A	48 cm, 40 cm	388.560 - 389.040 m	ip	ip
			25-206B	20 cm, 12 cm	389.040 - 389.240 m	ip	ip
			26.1-11A	59 cm, 47 cm	104.125 - 124.715 m	ip	ip
			26.2-11B	48.4 cm, 44.4 cm	104.715 - 105.200 m	ip	ip
			27.1-1012T	35 cm, 27 cm	1592.740 - 1593.090 m	ip	ip
			27.2-1012M	56 cm, 56 cm	1593.090 - 1593.650 m	nt	nt
			27.3-1012B	60 cm, 52 cm	1593.650 - 1594.250 m	ip	ip
			28.1-1369	39 cm, 39 cm	2131.320 - 2131.710 m	nt	nt
			28.2-1369	40 cm, 40 cm	2131.710 - 2132.110 m	nt	nt
	28.3-1369	24 cm, 18 cm	2132.110 - 2132.350 m	ip	ip		
	Dominion	85° 15' 00" S, 166° 10' 00" E	29-100	31 cm, 23 cm	99.270 - 99.580 m	ip	ip
	F3C	77° 40' 00" S, 158° 00' 00" E	32-100	30 cm, 30 cm	99.070 - 99.370 m	nt	nt
	J-9	82° 23' 00" S, 168° 38' 00" W	30.1-74	33 cm, 33 cm	96.130 - 96.460 m	nt	nt
30.2-74			29 cm, 29 cm	96.460 - 96.750 m	nt	nt	
Little America	78° 10' 00" S, 162° 13' 00" W	31-68	31 cm, 31 cm	104.590 - 104.900 m	nt	nt	
Newall	77° 37' 00" S, 162° 30' 00" E	33.1-100T	48 cm, 48 cm	100.000 - 100.480 m	nt	nt	
		33.2-100M	19 cm, 19 cm	100.480 - 100.670 m	nt	nt	
		33.3-100B	33 cm, 33 cm	100.670 - 101.000 m	nt	nt	
Vostok Accretion	72° 28' 00" N, 106° 48' 00" E	34	40 cm, 0 cm	3618.800 - 3619.000 m	3, 2, 0	3	
Vostok BH3-91	72° 28' 00" N, 106° 48' 00" E	19	39 cm, 24 cm	125.020 - 125.410 m	ip	ip	
Vostok 5G-91	72° 28' 00" N, 106° 48' 00" E	20.1-1415	53 cm, 53 cm	1414.180 - 1414.710 m	nt	nt	
		20.2-1415	29 cm, 15 cm	1414.710 - 1415.000 m	ip	ip	
		21	32 cm, 4 cm	3567.995 - 3568.315 m	1, 1, 2	3	
		22	27 cm, 15 cm	3581.525 - 3581.795 m	2, 2, 3	5	
		23	30 cm, 18 cm	3584.525 - 3584.825 m	ip	ip	
Greenland	Camp Century	77° 10' 00" N, 61° 08' 00" W	35-84	34.5 cm, 28.5 cm	109.010 - 109.355 m	ip	ip
	Crete74	71° 07' 00" N, 37° 19' 00" W	36.1	56.4 cm, 56.4 cm	106.007 - 106.571 m	nt	nt
			36.2	44 cm, 44 cm	105.571 - 107.011 m	nt	nt
			36.3	47.6 cm, 47.6 cm	107.011 - 107.489 m	nt	nt
			36.4	50 cm, 50 cm	107.489 - 107.989 m	nt	nt
			36.5	42 cm, 42 cm	107.989 - 108.409 m	nt	nt
			36.6	48 cm, 48 cm	108.409 - 108.889 m	nt	nt
	Dye3 71	65° 11' 14" N, 43° 49' 49" W	6-49	30 cm, 0 cm	158.569 - 158.869 m	7, 6, 67	5
			7-65	21 cm, 0 cm	200.710 - 200.920 m	2, 2, 15	2
			8-124	30 cm, 0 cm	369.013 - 369.313 m	0, 0, 50	0

Greenland (cont.)	Dye3 79-81	65° 11' 14" N, 43° 49' 49" W	9-60 10-80 11-316 12-522 13-724 14-939 15-1150 16-1354 17-1571 18-1945	37 cm, 22 cm 32 cm, 18.5 cm 30 cm, 24 cm 30 cm, 0 cm 30 cm, 0 cm 30 cm, 0 cm 27 cm, 0 cm 22 cm, 0 cm 30 cm, 0 cm 30 cm, 0 cm	140.650 - 141.020 m 160.650 - 160.970 m 395.980 - 396.280 m 598.329 - 598.629 m 798.680 - 798.980 m 1007.235 - 1007.535 m 1207.420 - 1207.690 m 1405.515 - 1405.735 m 1621.424 - 1621.724 m 1994.330 - 1994.630 m	0, 0, 10 0, 0, 3 5, 2, 0 2, 1, 16 15, 10, 22 3, 2, 91 2, 2, 34 4, 1, 16 5, 5, 26 12, 7, 17	1 0 3 8 11 2 1 4 7 10
	GISP2D	72° 35' 00" N, 38° 28' 00" W	1-B63	30 cm, 0 cm	62.000 - 62.300 m	5, 43, 54	2
			2-D131	20 cm, 0 cm	130.000 - 130.200 m	9, 24, 75	9
			3-D135	20 cm, 0 cm	134.000 - 134.200 m	0, 9, 46	0
			4-D226	20 cm, 0 cm	225.000 - 225.200 m	5, 15, 16	2
			5-D326	16 cm, 0 cm	325.000 - 326.160 m	6, 13, 22	5
			37.1-100	49 cm, 49 cm	99.000 - 99.490 m	nt	nt
			37.2-100	51, cm, 45 cm	99.490 - 100.000 m	ip	ip
			38.1-401	27 cm, 27 cm	400.000 - 400.270 m	nt	nt
			38.2-401	30 cm, 30 cm	400.270 - 400.570 m	nt	nt
			38.3-401	18 cm, 18 cm	400.570 - 400.750 m	nt	nt
			39.1-3015	27 cm, 27 cm	3014.000 - 3014.270 m	nt	nt
			39.2-3015	48 cm, 42 cm	3014.270 - 3014.750 m	ip	ip
40.1-1601	59 cm, 59 cm	1600.000 - 1600.590 m	nt	nt			
40.2-1601	16 cm, 10 cm	1600.590 - 1600.750 m	ip	ip			
Milcent	70° 18' 00" N, 44° 35' 00" W	41.1-61T	22 cm, 22 cm	96.345 - 96.565 m	nt	nt	
		41.2-61M	58 cm, 58 cm	96.565 - 97.145 m	nt	nt	
		41.3-61B	46 cm, 46 cm	97.145 - 97.605 m	nt	nt	
		41.4-61B	24 cm, 24 cm	97.605 - 97.845 m	nt	nt	
Site A2	70° 45' 00" N, 35° 57' 50" W	42.1-100	54 cm, 54 cm	100.000 - 100.540 m	nt	nt	
		42.2-100	46 cm, 46 cm	100.540 - 101.000 m	nt	nt	

nt - not yet tested
ip - work in progress