DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

A list and index of published radiocarbon dates for Alaska with a bibliography

by

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INTRODUCTION

Since the publication of the first radiocarbon dates for Alaska (Arnold and Libby, 1951), more than 2,500 radiocarbon age determinations have been reported for geological and archaeological samples from Alaska. Thirty-one U.S. laboratories (Federal, State, commerical, and universities) and thirteen foreign laboratories have reported age determinations in Radiocarbon and other scientific publications. A list of these radiocarbon laboratories is found on pages 3-4. The purpose of this report is to combine and update two previous published reports; one a radiocarbon date file (Wilson and Young, 1976), the other a comprehensive bibliography (Galloway, 1984). This report uses only radiocarbon dates published through 1986, which consist of a laboratory and reference number, thus several references listed in Galloway (1984) have been excluded. This report consists of three sections: 1) date list; 2) author citation index; and 3) bibliography.

A literature search of both geologic and archaeologic journals and reports was undertaken. Before the first publication of Radiocarbon (originally the Radiocarbon Supplement to American Journal of Science), in 1959, age determinations were reported in Science. Besides Radiocarbon, the largest source for radiocarbon dates were various U.S. Geological Survey publications (Bulletins, Circulars, Professional Papers, and Open-File Reports). Several other excellent sources for radiocarbon age determinations were Arctic, Quaternary Research, Arctic Anthropology, and Anthropological Papers-University of Alaska. Omissions of references or errors in citing references, are the responsibility of the author. Although completeness was strived for, this report has not benefited from a thorough search of all Doctoral and Masters' thesis related to Alaska.

Dates are arranged by geographic region then by quadrangle within each region, starting on page 7. Radiocarbon and other date lists often list the latitude and longitude following the age determination. Articles in journals and other reports however, often only report a general geographic location. If the geographic location was listed in Dictionary of Alaska Place Names (Orth, 1967), that latitude and longitude was used. Each date was then given a quadrangle and/or region abbreviation. Quadrangle (scale 1:250,000) and region abbreviations used in this report are listed on page 5 and shown on Figure 1, page 6. Several dates could not be a accurately located and assigned a latitude/longitude or a quadrangle designation and were indexed by region only.

It is not uncommon for researchers to disagree on the interpretation of a date or series of dates. To help the user, an author citation index starting on page 59, lists the laboratory and reference number for each date followed by an author citation(s). I have tried to list every reference where each date has been published. Following the author citation index is the bibliography, which consists of over 450 references.

Available as a companion to this report is a 5 1/4" diskette formatted for IBM-PCs using DOS 2.0 and in a standard ASCII format. This file, called rcfile.dat, is identical to the date list starting on page 7, except the headings and subheadings are have been removed. The diskette can be purchased separately as Open File Report 87-517-B (Galloway, 1987). Although this program has been extensively tested, the U.S. Geological Survey cannot guarantee that it will give accurate reulsts for all applications or that it will work on all computer systems.

References Cited

Arnold, J.R., and Libby, W.F., 1951, Radiocarbon dates: Science, v. 113, p. 111-120.

Galloway, J.P., 1984, Bibliography of published radiocarbon dates for Alaska: U.S. Geological Survey Open-File Report 84-21, 44 p.

_____ 1987, Radiocarbon date list for Alaska to accompany USGS Open-File Report 87-517-A: U.S. Geological Survey Open-File Report 87-517-B (5 1/4" diskette formatted for IBM-PCs using DOS 2.0 in a standard ASCII format)

Orth, D.J., 1967, Dictonary of Alaska Place Names: U.S. Geological Survey Professional Paper 567, 1084 p.

Wilson, F.H., and Young, M.S., 1976, Radiocarbon dates for Alaska, Yukon Territory and British Columbia: Fairbanks, University of Alaska, Institute of Marine Science, IMS Report R76-6, 64 p.

Laboratories which have reported radiocarbon age determinations for Alaskan material

United States		no. of reported dates
A	University of Arizona	13
AU	University of Alaska	76
Beta	Beta Analytic, Inc.	95
BGS	Brock University	8
C	Chicago *	19
DIC	Dicarb Radioisotope Company	79
Gx	Geochron Laboratories, Inc.	231
I	Teledyne Isotopes	585
ISGS	Illinois State Geological Survey	2
L	Lamont, Columbia University	93
LJ	La Jolla, University of San Diego	12
M	Michigan *	27
Ml	University of Miami	2
OWU	Ohio Wesleyan University *	1
P	University of Pennsylvania	156
PIC	Packard *	9
Ql	Quaternary Isotope Laboratory, University of Washington	40
Rl	Radiocarbon LTD	2
SI	Smithsonian Institution	179
SM	Mobil Oil Corporation *	13
SMU	Southern Methodist University	5
TAM	Texas A & M University	1
Tx	University of Texas	8
UCLA	University of California, Los Angeles	3
UGa	University of Georgia	27
USGS	U.S. Geological Survey, Menlo Park	209
UW	University of Washington	13
W	U.S. Geological Survey, Reston	382
WIS	University of Wisconsin	13
WSU	Washington State University	45
Y	Yale University *	68

* denotes inactive laboratory

Foreign		no. of reported dates
B	Bern, Switzerland	19
Birm	Birmingham, England	1
GaK	Gakushuin University, Japan	19
Gif	Gif-Sur-Yvette, France	6
GrN	Groningen, The Netherlands	8
GSC	Geological Survey of Canada	8
Hv	Hannover, West Germany	2
IVIC	Caracas, Venezuela	1
K	Copenhagen, Denmark	27
N	Nippon, Riken, Toyko, Japan	12
S	University of Saskatchewan, Canada	22
St	Stockholm, Sweeden	4
T	Trondheim, Norway	1
Tk	Tokyo Radiocarbon Laboratory, Japan	2

Alaska Region Abbreviations

NOR Northern region	WCE West-central region	ECE East-central region	SOU Southern region
SWE Southwestern region	SEA Southeastern region	OFF Offshore	GEN Alaska - general

Alaska, 1:250,000 Quadrangle Abbreviations

ad	Adak	fb	Fairbanks	mr	Meade River	sk	Skagway
af	Afognak	fp	False Pass	md	Medfra	sm	Sleetmute
ar	Ambler River	fi	Flaxman Island	mz	Melozitna	so	Solomon
am	Amukta	fr	Fort Randall	mi	Middleton Island	sl	St Lawrence
an	Anchorage	fy	Fort Yukon	mu	Misheguk Mtn.	st	St Matthew
ac	Arctic			mf	Mt Fairweather	sc	St Michael
ak	Atka	gi	Gareloi Island	mh	Mt Hayes	sb	Stepovak Bay
al	Atlin	go	Goodnews	mk	Mt Katmai	sd	Sumdum
at	Attu	gu	Gulkana	mm	Mt McKinley	sp	Survey Pass
				ml	Mt Michelson	sw	Sutwik Island
bi	Baird Inlet	hg	Hagemeister Is.	ms	Mt St Elias		
bm	Baird Mts.	hr	Harrison Bay		tb	Table Mtn.	
bw	Barrow	he	Healy	nb	Nabesna	tr	Taku River
ba	Barter Island	hc	Holly Cross	nk	Naknek	tl	Talkeetna
bv	Beaver	hp	Hooper Bay	nt	Noatak	tk	Talkeetna Mts.
bp	Beechey Point	hw	Howard Pass	nm	Nome	tc	Tanacross
bn	Bendeleben	hu	Hughes	nr	Norton Bay	tn	Tanana
bg	Bering Glacier			nl	Nulato	ta	Taylor Mts.
bh	Bethel	ib	Icy Bay	ni	Nunivak Island	te	Teller
bt	Bettles	id	Iditarod	ng	Nushagak Bay	ts	Teshekpuk
bd	Big Delta	ik	Ikpikpuk River		ti	Trinity Island	
br	Black River	il	Iliamna	op	Ophir	ty	Tyonek
bl	Black						
bs	Blying Sound	ju	Juneau	pe	Petersburg	ug	Ugashik
bc	Bradfield Canal			ps	Phillip Smith Mts.	ut	Umiat
bb	Bristol Bay	kg	Kaguyak	ph	Point Hope	uk	Unmak
		kh	Kantishna River	pl	Point Lay	ul	Unalaklett
ca	Candle	kr	Karluk	pa	Port Alexander	un	Unalaska
cm	Cape Mendenhall	kt	Kateel River	pm	Port Moller	um	Unimak
ch	Chandalar	kn	Kenai	pi	Pribilof Islands	ur	Utukok River
cl	Chandler Lake	kc	Ketchikan	pr	Prince Rupert		
cy	Charley River	kl	Killik River		va	Valdez	
cg	Chignik	kk	Kiska	ri	Rat Islands		
cs	Christian	kd	Kodiak	rb	Ruby	wa	Wainwright
ci	Circle	kz	Kotzebue	rm	Russian Mission	wi	Wiseman
cb	Cold Bay	kb	Kuskokwim Bay				
co	Coleen	kw	Kwiguk	sg	Sagavanirktok	ya	Yakutat
cv	Cordova			sa	Samalga Island		
cr	Craig	lc	Lake Clark	su	Seguam		
		lh	Lime Hills	se	Selawik		
dl	De Long Mts.	lg	Livengood	sv	Seldovia		
dp	Demarcation Point	lr	Lookout Ridge	sr	Seward		
di	Dillingham			sf	Shishmaref		
ce	Dixon Entrance	ma	Marshall	sh	Shugnak		
		mc	Mc Carthy	sn	Simeonof Island		
ea	Eagle	mg	Mc Grath	si	Sitka		

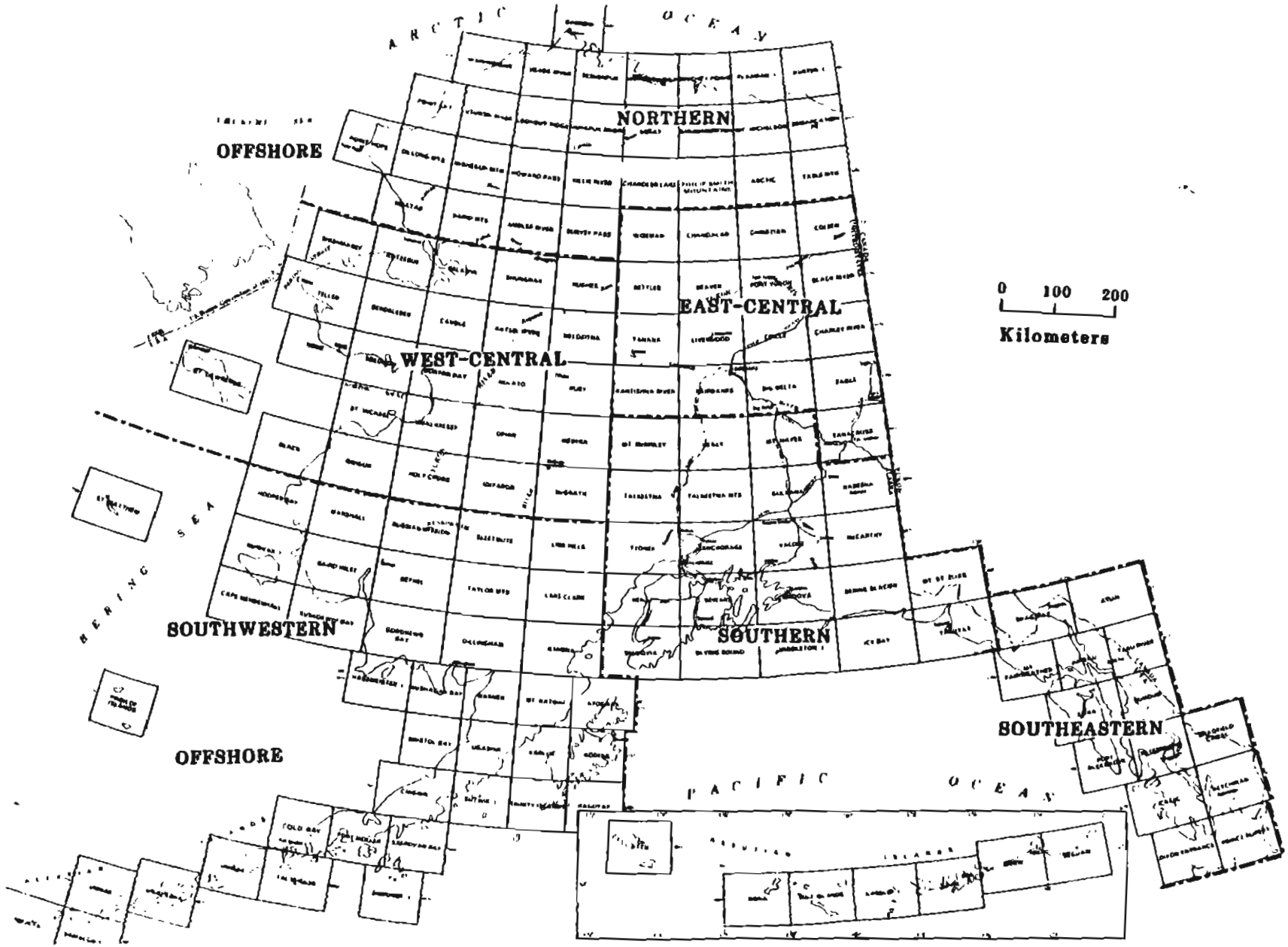

Figure 1.--Alaska geogr phic divisions used in this report

Alaskan Radiocarbon Dates

Northern region

Date	standard deviation	laboratory	latitude/ longitude	quad	region
32340	1070/1250	DIC-2123			NOR
17190	240	DIC-2418			NOR
27510	550	DIC-2568			NOR
10375	265	Gx-5108			NOR
>35000		I-9342			NOR
7880	130	I-12874			NOR
5600	110	I-12875			NOR
10430	150	I-12923			NOR
10080	150	I-12924			NOR
10630	160	I-12925			NOR
21140	450	I-12926			NOR
>38000		I-12948			NOR
>40000		I-12949			NOR
>40000		I-12950			NOR
8950	150	I-12951			NOR
>40000		I-12952			NOR
>40000		I-12979			NOR
>40000		I-12981			NOR
8110	80	USGS-1336			NOR
11710	60	USGS-1420			NOR
46400	1550/1300	USGS-1422			NOR
>51500		USGS-1423			NOR
45900	3100/1300	USGS-1425			NOR
>45500		USGS-1433			NOR
9370	80	USGS-1489			NOR
30000	633	AU-37	67:08 N 157:22 W	ar	NOR
29000	1045	AU-38	67:08 N 157:22 W	ar	NOR
10220	705	AU-39	67:08 N 157:22 W	ar	NOR
7477	435	AU-40	67:08 N 157:22 W	ar	NOR
8255	1045	AU-40-b	67:08 N 157:22 W	ar	NOR
7475	705	AU-40-c	67:08 N 157:22 W	ar	NOR
5510	435	AU-41	67:14 N 157:38 W	ar	NOR
6610	350	AU-42	67:14 N 157:38 W	ar	NOR
8100	80	GrN-11139		ar	NOR
10070	110	GrN-11140		ar	NOR
10530	110	GrN-11141		ar	NOR
8105	185	Gx-1441	67:05 N 158:10 W	ar	NOR
8635	210	Gx-1442	67:05 N 158:10 W	ar	NOR
5140	120	Gx-1443	67:05 N 158:10 W	ar	NOR
2670	95	Gx-1444	67:05 N 158:10 W	ar	NOR
8800	210	Gx-1445	67:05 N 158:10 W	ar	NOR
24290	720	Gx-1446	67:05 N 158:10 W	ar	NOR
8635	210	Gx-1447	67:05 N 158:01 W	ar	NOR
8441	288	Gx-1508	67:10 N 158:30 W	ar	NOR
18100	550	I-4776	67:05 N 158:10 W	ar	NOR
17730	320	I-4777	67:05 N 158:10 W	ar	NOR
16270	250	I-4778	67:05 N 158:10 W	ar	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
20700	440	I-4779	67:05 N 158:10 W	ar	NOR
2750	140	K-832	67:10 N 158:52 W	ar	NOR
3170	120	K-835	67:10 N 158:52 W	ar	NOR
1570	140	K-836	67:10 N 158:52 W	ar	NOR
9570	150	K-1583	67:06 N 158:15 W	ar	NOR
24400	4000	L-237-c-avg			NOR
24000		L-237-d-avg			NOR
2500	300	L-237-e-avg			NOR
920	50	P-593-a	67:10 N 158:30 W	ar	NOR
5070	70	P-981	67:10 N 158:30 W	ar	NOR
5270	70	P-982	67:10 N 158:30 W	ar	NOR
7920	100	P-984-a	67:10 N 158:30 W	ar	NOR
8100	160	P-985	67:10 N 158:30 W	ar	NOR
3860	70	P-987	67:10 N 158:30 W	ar	NOR
3850	70	P-988	67:10 N 158:30 W	ar	NOR
3950	70	P-998	67:10 N 158:30 W	ar	NOR
4250	60	P-999	67:10 N 158:30 W	ar	NOR
4640	70	P-1026	67:10 N 158:30 W	ar	NOR
5110	70	P-1027	67:10 N 158:30 W	ar	NOR
4340	70	P-1030-a	67:10 N 158:30 W	ar	NOR
4010	70	P-1031	67:10 N 158:30 W	ar	NOR
3940	70	P-1032	67:10 N 158:30 W	ar	NOR
1490	50	P-1064	67:10 N 158:30 W	ar	NOR
1570	50	P-1065	67:10 N 158:30 W	ar	NOR
2370	50	P-1066	67:10 N 158:30 W	ar	NOR
2430	50	P-1067	67:10 N 158:30 W	ar	NOR
3530	60	P-1068	67:10 N 158:30 W	ar	NOR
3640	60	P-1069-a	67:10 N 158:30 W	ar	NOR
3710	60	P-1070	67:10 N 158:30 W	ar	NOR
3710	60	P-1071	67:10 N 158:30 W	ar	NOR
4270	70	P-1072	67:10 N 158:30 W	ar	NOR
3530	100	P-1073	67:10 N 158:30 W	ar	NOR
4120	80	P-1074	67:10 N 158:30 W	ar	NOR
5320	80	P-1075	67:10 N 158:30 W	ar	NOR
7900	100	P-1076	67:10 N 158:30 W	ar	NOR
4230	90	P-1093	67:10 N 158:30 W	ar	NOR
6150	50	P-1094	67:10 N 158:30 W	ar	NOR
3700	60	P-1109	67:10 N 158:30 W	ar	NOR
3200	60	P-1110	67:10 N 158:30 W	ar	NOR
7180	90	P-1111	67:10 N 158:30 W	ar	NOR
7320	100	P-1111-a	67:10 N 158:30 W	ar	NOR
900	50	P-1112	67:10 N 158:30 W	ar	NOR
310	61	P-1235	67:10 N 158:30 W	ar	NOR
3751	60	P-1801	67:10 N 158:30 W	ar	NOR
8955	105	SI-1425		ar	NOR
11260	220	SI-1426		ar	NOR
>38000		W-420	67:05 N 158:10W	ar	NOR
>33000		W-831	67:05 N 158:10 W	ar	NOR
6725	240	Gx-9306	70:08 N 143:37 W	ba	NOR
7780	240	Gx-9392	70:08 N 143:37 W	ba	NOR
7870	310	Gx-9393	70:08 N 143:37 W	ba	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>39000		W-2590	70:00 N 143:00 W	ba	NOR
780	150	P-18	67:00 N 160:41 W	bm	NOR
720	20	P-29	67:00 N 160:41 W	bm	NOR
820	200	P-31	67:00 N 160:41 W	bm	NOR
>38000		W-344	67:02 N 161:59 W	bm	NOR
>33000		W-368	67:08 N 159:03 W	bm	NOR
22700	390	WIS-1163	67:06 N 160:23 W	bm	NOR
17360	200	WIS-1164	67:06 N 160:23 W	bm	NOR
20300	380	WIS-1166	67:06 N 160:23 W	bm	NOR
5200	70	WIS-1193	67:06 N 160:23 W	bm	NOR
14420	230	WIS-1197	67:06 N 160:23 W	bm	NOR
4120	190	AU-91	70:26 N 148:47 W	bp	NOR
3465	200	AU-92	70:33 N 149:27 W	bp	NOR
22300	1200	AU-115	70:42 N 148:33 W	bp	NOR
2560	80	DIC-673		bp	NOR
3750	90	DIC-674		bp	NOR
1210	100	Gif-3664		bp	NOR
190	100	Gif-3665		bp	NOR
3470	100	Gif-3666		bp	NOR
2300	110	Gif-3667		bp	NOR
3270	100	Gif-3668		bp	NOR
6480	130	Gif-4044		bp	NOR
2090	130	Gx-6009		bp	NOR
3675	95	Gx-6469		bp	NOR
2075	70	UGa-3719	70:20 N 147:48 W	bp	NOR
490	90	USGS-132	70:24 N 148:59 W	bp	NOR
>33900		USGS-210	70:28 N 148:26 W	bp	NOR
42800	1440	USGS-249	70:24 N 148:33 W	bp	NOR
36500	550	USGS-504	70:17 N 148:31 W	bp	NOR
26300	370	USGS-505	70:17 N 148:31 W	bp	NOR
2270	120	USGS-509	70:15 N 148:16 W	bp	NOR
>38000		W-2586	70:19 N 148:32 W	bp	NOR
25500	1000	WSU-1426	70:30 N 148:30 W	bp	NOR
29200	2000	WSU-1428	70:30 N 148:30 W	bp	NOR
5470	110	I-10642	70:16 N 148:32 W	bp:b3	NOR
2150	160	I-10643	70:15 N 148:38 W	bp:b3	NOR
9020	80	USGS-783	70:23 N 148:30 W	bp:b3	NOR
11175	300	Beta-1765		bw	NOR
>36000		Beta-1766		bw	NOR
1230	60	Beta-2907	71:19 N 156:36 W	bw	NOR
480	60	Beta-3213	71:19 N 156:36 W	bw	NOR
31200	900	DIC-2569		bw	NOR
840	90	GaK-2297	71:08 N 157:06 W	bw	NOR
970	90	GaK-2298	71:08 N 157:06 W	bw	NOR
3400	520	GaK-2299	71:08 N 157:06 W	bw	NOR
2260	300	GaK-2300	71:08 N 157:06 W	bw	NOR
2705	150	Gx-75	71:12 N 156:30 W	bw	NOR
1200	180	Gx-76	71:12 N 156:30 W	bw	NOR
1465	125	Gx-77	71:12 N 156:30 W	bw	NOR
475	125	Gx-78	71:12 N 156:30 W	bw	NOR
1770	160	Gx-79	71:12 N 156:30 W	bw	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
715	210	Gx-80	71:12 N 156:30 W	bw	NOR
2195	110	Gx-81	71:09 N 156:29 W	bw	NOR
395	150	Gx-82	71:09 N 156:29 W	bw	NOR
1540	115	Gx-83	71:09 N 156:29 W	bw	NOR
4865	150	Gx-84	71:09 N 156:29 W	bw	NOR
1395	135	Gx-85	71:09 N 156:29 W	bw	NOR
5560	375	Gx-230		bw	NOR
2695	115	Gx-234	71:12 N 156:30 W	bw	NOR
695	95	Gx-235	71:12 N 156:30 W	bw	NOR
2055	70	Gx-236	71:12 N 156:30 W	bw	NOR
1865	160	Gx-237	71:12 N 156:30 W	bw	NOR
1795	65	Gx-238	71:09 N 156:29 W	bw	NOR
820	95	Gx-239	71:09 N 156:29 W	bw	NOR
1620	60	Gx-240	71:09 N 156:29 W	bw	NOR
2270	90	Gx-241	71:09w156:29 W	bw	NOR
3345	110	Gx-242	71:12 N 156:20 W	bw	NOR
855	95	Gx-243	71:12 N 156:20 W	bw	NOR
1700	180	Gx-380		bw	NOR
2365	100	Gx-381		bw	NOR
1445	110	Gx-400	71:12 N 156:12 W	bw	NOR
1170	120	Gx-401	71:12 N 156:12 W	bw	NOR
1240	130	Gx-402	71:12 N 156:12 W	bw	NOR
2980	135	Gx-403	71:12 N 156:12 W	bw	NOR
975	95	Gx-404	71:12 N 156:12 W	bw	NOR
780	100	Gx-405	71:12 N 156:12 W	bw	NOR
1540	105	Gx-444	71:12 N 156:20 W	bw	NOR
4280	160	Gx-445	71:12 N 156:20 W	bw	NOR
1100	120	I-387-UA	71:23 N 156:29 W	bw	NOR
1090	140	I-388-UA	71:23 N 156:29 W	bw	NOR
10800	300	I-389-UA	71:23 N 156:29 W	bw	NOR
1775	120	I-699		bw	NOR
9550	240	I-700		bw	NOR
10525	280	I-701		bw	NOR
8200	300	I-922	71:17 N 156:42 W	bw	NOR
14000	500	I-1171	71:17 N 156:42 W	bw	NOR
8715	250	I-1182	71:19 N 156:36 W	bw	NOR
9155	300	I-1183	71:18 N 156:35 W	bw	NOR
8330	250	I-1202	71:17 N 156:39 W	bw	NOR
25300	2300	I-1384	71:18 N 156:35 W	bw	NOR
>36300		I-1394	71:18 N 156:35 W	bw	NOR
3200	230	I-1544	71:19 N 156:34 W	bw	NOR
5010	320	I-1545	71:19 N 156:34 W	bw	NOR
31400	3600/2400	I-1604	71:17 N 156:35 W	bw	NOR
2650	160	I-1868	71:21 N 156:33 W	bw	NOR
4570	130	I-1869	71:21 N 156:33 W	bw	NOR
2860	140	I-1949	71:21 N 156:33 W	bw	NOR
6690	130	I-2048		bw	NOR
10430	320	I-2049		bw	NOR
7580	140	I-2050		bw	NOR
2450	120	I-2123		bw	NOR
37000	2900/2000	I-2359		bw	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
4595	110	I-2600		bw	NOR
7860	120	I-2601		bw	NOR
2200	105	I-2602		bw	NOR
12160	120	I-3244		bw	NOR
>39900		I-3628		bw	NOR
9800	160	I-4001		bw	NOR
7940	130	I-4002		bw	NOR
8340	140	I-4003		bw	NOR
9330	130	I-6074		bw	NOR
8160	120	I-6075		bw	NOR
10140	150	I-11672		bw	NOR
6780	110	I-11914		bw	NOR
3000	130	L-400-a	71:20 N 156:36 W	bw	NOR
10900	350	L-400-b	71:20 N 156:37 W	bw	NOR
3400	100	L-567	71:20 N 156:45 W	bw	NOR
1620	300	P-73	71:12 N 156:30 W	bw	NOR
1430	190	P-73-avg	71:12 N 156:30 W	bw	NOR
1320	220	P-73-a	71:12 N 156:30 W	bw	NOR
1146	95	P-97	71:12 N 156:30 W	bw	NOR
6450	200	Tx-220	71:12 N 156:40 W	bw	NOR
10670	80	USGS-449	70:22 N 155:03 W	bw	NOR
10030	40	USGS-456	70:22 N 154:03 W	bw	NOR
6050	70	USGS-1034		bw	NOR
7190	250	USGS-1035		bw	NOR
>38000		W-380		bw	NOR
3540	300	W-432	71:15 N 156:45 W	bw	NOR
9100	260	W-847	71:15 N 146:45 W	bw	NOR
44000		W-2676		bw	NOR
36000	2000	W-2679		bw	NOR
8810	140	Beta-4558	67:45 N 149:45 W	ch	NOR
7040	110	Beta-4559	67:23 N 149:45 W	ch	NOR
10210	155	Beta-4971	67:23 N 149:45 W	ch	NOR
>42000		USGS-41	67:10 N 147:59 W	ch	NOR
>42500		USGS-167	67:35 N 149:13 W	ch	NOR
4170	45	USGS-274	67:07 N 147:05 W	ch	NOR
4170	45	USGS-374	67:07 N 147:34 W	ch	NOR
5370	90	USGS-376	67:30 N 149:55 W	ch	NOR
>42000		USGS-415	67:11 N 148:55 W	ch	NOR
1590	50	USGS-416	67:11 N 148:55 W	ch	NOR
1220	160	BGS-614	68:30 N 150:00 W	cl	NOR
4750	110	I-206	68:09 N 151:43 W	cl	NOR
3890	90	I-10258	68:59 N 150:10 W	cl	NOR
5615	110	I-10568	67:52 N 148:19 W	cl	NOR
9720	140	I-10783	68:27 N 151:20 W	cl	NOR
6220	140	I-10784	68:18 N 151:30 W	cl	NOR
6200	120	I-10925	68:18 N 151:30 W	cl	NOR
2330	90	I-10926	68:20 N 151:02 W	cl	NOR
2195	115	I-10927	68:20 N 151:02 W	cl	NOR
10580	150	I-11010	68:27 N 151:20 W	cl	NOR
1935	80	I-11011	68:18 N 151:29 W	cl	NOR
33220	1760	I-11012	68:51 N 151:39 W	cl	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>40000		1-11240	69:00 N 151:22 W	cl	NOR
6510	610	SI-114	68:12 N 151:36 W	cl	NOR
3615	217	SM-915	68:12 N 151:36 W	cl	NOR
5688	183	SM-916	68:12 N 151:36 W	cl	NOR
3042	188	SM-917	68:12 N 151:36 W	cl	NOR
3527	191	SM-918	68:12 N 151:36 W	cl	NOR
2576	157	SM-919-a	68:12 N 151:36 W	cl	NOR
3292	445	SM-919-b	68:12 N 151:36 W	cl	NOR
3440	253	SM-920	68:12 N 151:36 W	cl	NOR
1095	168	SM-921		cl	NOR
491	142	SM-922		cl	NOR
628	161	SM-923		cl	NOR
4665	213	SM-924		cl	NOR
3515	186	SM-925		cl	NOR
1142	166	SM-926		cl	NOR
13170	170	USGS-694	68:34 N 151:17 W	cl	NOR
13000	140	USGS-695	68:34 N 151:17 W	cl	NOR
7940	75	USGS-696	68:25 N 151:29 W	cl	NOR
9620	60	USGS-697	68:25 N 151:29 W	cl	NOR
0		Y-655-1	68:08 N 151:43 W	cl	NOR
0		Y-656-1	68:08 N 151:43 W	cl	NOR
6260	160	Y-770	68:09 N 151:43 W	cl	NOR
2830	120	Y-771	68:02 N 151:14 W	cl	NOR
1170	120	Y-772	68:12 N 151:03 W	cl	NOR
2760	150	Y-871	68:15 N 151:32 W	cl	NOR
1120	90	Y-872	68:16 N 151:30 W	cl	NOR
1045	200	Y-873	68:18 N 151:29 W	cl	NOR
7240	100	Y-1082	68:09 N 151:43 W	cl	NOR
1280	80	Y-1083	68:32 N 151:15 W	cl	NOR
13270	160	Y-1084	68:31 N 151:17 W	cl	NOR
5180	70	Y-1085	68:30 N 151:18 W	cl	NOR
1530	70	Y-1086	68:20 N 151:03 W	cl	NOR
2750	70	Y-1087	68:20 N 151:03 W	cl	NOR
10400	570	Gx-9394	69:53 N 142:45 W	dp	NOR
1320	160	Gx-9598	69:53 N 142:45 W	dp	NOR
8725	215	Gx-9599	69:53 N 142:45 W	dp	NOR
4330	225	Gx-9600	69:53 N 142:45 W	dp	NOR
3190	175	Gx-9832	69:53 N 142:45 W	dp	NOR
<200		W-1499	69:58 N 141:28 W	dp	NOR
3950	120	I-10369	70:04 N 145:35 W	fi	NOR
3320	100	I-10370	70:04 N 145:35 W	fi	NOR
4890	230	I-10371	70:10 N 145:56 W	fi	NOR
2380	180	I-10372	70:10 N 145:56 W	fi	NOR
1160	240	P-55	70:02 N 144:27 W	fi	NOR
1130	200	P-55-avg	70:02 N 144:27 W	fi	NOR
1090	310	P-55-a	70:02 N 144:27 W	fi	NOR
4250	170	I-10637	70:10 N 145:56 W	fi:a4	NOR
2775	125	I-10638	70:10 N 145:56 W	fi:a4	NOR
10080	170	I-10639	70:10 N 145:56 W	fi:a4	NOR
9280	150	I-10640	71:11 N 145:59 W	fi:a4	NOR
9600	100	Beta-5383	70:04 N 151:23 W	hr	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
9330	90	Beta-5384	70:04 N 151:23 W	hr	NOR
9860	140	I-10537		hr	NOR
7690	125	I-10538		hr	NOR
7025	125	I-10539		hr	NOR
530	75	I-10540		hr	NOR
11700	180	I-12177	70:25 N 152:34 W	hr	NOR
1110	65	USGS-32	70:13 N 150:52 W	hr	NOR
1280	70	USGS-39	70:13 N 150:52 W	hr	NOR
8180	80	USGS-184	70:04 N 151:22 W	hr	NOR
2280	50	USGS-185	70:04 N 151:22 W	hr	NOR
38300	1300	USGS-186	70:04 N 151:22 W	hr	NOR
1350	50	USGS-188	70:05 N 151:24 W	hr	NOR
>45000		USGS-208	70:05 N 151:24 W	hr	NOR
38000	500	USGS-290	70:34 N 152:22 W	hr	NOR
3430	45	USGS-291	70:29 N 150:59 W	hr	NOR
3110	70	USGS-292	70:29 N 150:59 W	hr	NOR
3040	50	USGS-293	70:33 N 150:27 W	hr	NOR
2270	60	USGS-294	70:33 N 150:27 W	hr	NOR
9840	90	USGS-454		hr	NOR
3130	70	USGS-501	70:47 N 152:12 W	hr	NOR
2930	50	USGS-503	70:46 N 152:12 W	hr	NOR
>48500		USGS-630		hr	NOR
>48000		USGS-631		hr	NOR
>50600		USGS-675		hr	NOR
52300	4500/2900	USGS-882	70:13 N 150:55 W	hr	NOR
9680	110	USGS-1377	70:35 N 152:31 W	hr	NOR
10200	90	USGS-1378	70:35 N 152:31 W	hr	NOR
11200		USGS-1429	70:35 N 152:31 W	hr	NOR
4580	75	USGS-510	70:34 N 152:17 W	hr:c4	NOR
5980	50	USGS-512	70:47 N 152:15 W	hr:d4	NOR
980	55	DIC-2019	68:30 N 157:01 W	hw	NOR
1260	65	DIC-2020	68:30 N 157:01 W	hw	NOR
790	55	DIC-2021	68:30 N 157:01 W	hw	NOR
1180	45	DIC-2022	68:30 N 157:01 W	hw	NOR
870	50	DIC-2023	68:30 N 157:01 W	hw	NOR
360	175	DIC-2203	68:30 N 157:01 W	hw	NOR
4420	420	DIC-2204	68:30 N 157:01 W	hw	NOR
670	170	DIC-2205	68:30 N 157:01 W	hw	NOR
710	215	DIC-2206	68:30 N 157:01 W	hw	NOR
910	65	DIC-2207	68:30 N 157:01 W	hw	NOR
750	60	DIC-2458	68:30 N 157:01 W	hw	NOR
570	45	DIC-2459	68:30 N 157:01 W	hw	NOR
550	125	DIC-2461	68:30 N 157:01 W	hw	NOR
1040	50	DIC-2463	68:30 N 157:01 W	hw	NOR
290	100	DIC-2464	68:30 N 157:01 W	hw	NOR
2210	155	DIC-2465	68:30 N 157:01 W	hw	NOR
580	100	DIC-2468	68:30 N 157:01 W	hw	NOR
3350	60	DIC-2469	68:30 N 157:01 W	hw	NOR
340	50	DIC-2470	68:30 N 157:01 W	hw	NOR
3660	150	GSC-712	68:08 N 156:08 W	hw	NOR
1830	170	GSC-833	68:20 N 158:45 W	hw	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
1360	200	GSC-884	68:08 N 156:08 W	hw	NOR
1350	140	Gx-8633	68:30 N 157:01 W	hw	NOR
1135	135	Gx-8634	68:30 N 157:01 W	hw	NOR
1075	120	Gx-8635	68:30 N 157:01 W	hw	NOR
1670	160	Gx-8636	68:30 N 157:01 W	hw	NOR
3680	205	Gx-8637	68:30 N 157:01 W	hw	NOR
11100	165	I-10274	68:17 N 156:23 W	hw	NOR
2220	50	P-2056	68:14 N 158:16 W	hw	NOR
1960	50	P-2057	68:14 N 158:16 W	hw	NOR
1570	50	P-2058	68:14 N 158:16 W	hw	NOR
1530	50	P-2143	68:14 N 158:16 W	hw	NOR
1530	50	P-2143-a	68:14 N 158:16 W	hw	NOR
1320	50	P-2144	68:14 N 158:16 W	hw	NOR
1360	40	P-2145	68:14 N 158:16 W	hw	NOR
44703	300	W-1154	68:07 N 156:05 W	hw	NOR
3570	70	WIS-1154	68:13 N 158:20 W	hw	NOR
3580	70	WIS-1188	68:13 N 158:20 W	hw	NOR
20810	410	I-9274		ik	NOR
32270	1500	I-9275		ik	NOR
30200		I-9317		ik	NOR
23910	470	I-9318		ik	NOR
>40000		I-9319		ik	NOR
>40000		I-9320		ik	NOR
23920	620	I-9321		ik	NOR
19250	360	I-9371		ik	NOR
>35500		I-9373		ik	NOR
9670	130	I-11073		ik	NOR
13570	120	USGS-457	69:42 N 154:52 W	ik	NOR
2500	50	USGS-628		ik	NOR
>49000		USGS-632	69:42 N 154:52 W	ik	NOR
28800	240	USGS-745		ik	NOR
43000	1400	USGS-746		ik	NOR
44100	1700	USGS-747		ik	NOR
36400	500	USGS-807	69:42 N 154:52 W	ik	NOR
12070	100	USGS-823	69:50 N 154:25 W	ik	NOR
18600	210	USGS-824	69:49 N 154:24 W	ik	NOR
49400	3000/2200	USGS-826	69:48 N 154:12 W	ik	NOR
13730	110	USGS-883	69:42 N 154:52 W	ik	NOR
13670	130	USGS-1267		ik	NOR
30830	360	USGS-1268		ik	NOR
>42800	1400	USGS-1269		ik	NOR
6960	80	USGS-1271		ik	NOR
1970	175	AU-48	68:09 N 154:10 W	kl	NOR
2410	190	AU-50	68:09 N 154:08 W	kl	NOR
1740	120	AU-52	68:30 N 154:01 W	kl	NOR
8505	215	AU-53	68:30 N 154:01 W	kl	NOR
7620	95	DIC-1589	68:24 N 155:48 W	kl	NOR
5650	230	I-1006	68:13 N 154:03 W	kl	NOR
3850	100	I-3222		kl	NOR
2510	100	I-3223		kl	NOR
3540	8080	WSU-2532	68:23 N 153:37 W	kl	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
37000	990	GSC-3050		lr	NOR
2640	85	I-10273	70:00 N 156:13 W	lr	NOR
8980	140	I-10787		lr	NOR
8460	135	I-11146		lr	NOR
175	75	I-207	69:25 N 144:00 W	ml	NOR
>43300		SI-903	69:30 N 146:30 W	ml	NOR
6400	250	W-2397	69:57 N 144:48 W	ml	NOR
25120	210	USGS-1163	69:57 N 144:41 W	ml:d2	NOR
9750	50	USGS-1164	69:57 N 144:41 W	ml:d2	NOR
47000	4000/2700	USGS-1165	69:57 N 144:41 W	ml:d2	NOR
10120	60	USGS-1181	69:57 N 145:55 W	ml:d2	NOR
7120	80	USGS-1326	69:57 N 145:55 W	ml:d2	NOR
9460		USGS-1327	69:57 N 145:55 W	ml:d2	NOR
9790	90	USGS-1328	69:57 N 144:52 W	ml:d2	NOR
9270	110	USGS-1329	69:57 N 144:55 W	ml:d2	NOR
10020	120	USGS-1331	69:57 N 144:41 W	ml:d2	NOR
2009	250	C-563	64:26 N 161:32 W	mr	NOR
9470	145	DIC-464		mr	NOR
4750	70	DIC-465		mr	NOR
3740	110	DIC-694		mr	NOR
2560	75	DIC-695		mr	NOR
4080	135	DIC-696		mr	NOR
5590	250	DIC-697		mr	NOR
1340	55	DIC-1583	70:38 N 156:53 W	mr	NOR
150	95	DIC-1584	70:38 N 156:53 W	mr	NOR
510	60	DIC-1586	70:38 N 156:53 W	mr	NOR
1700	85	DIC-2186	70:48 N 159:48 W	mr	NOR
<200		Gx-5546		mr	NOR
5985	165	Gx-5547		mr	NOR
750	75	I-10667		mr	NOR
755	125	I-10668		mr	NOR
>320		I-10669		mr	NOR
>320		I-10686		mr	NOR
<250		I-10687		mr	NOR
11200	220	I-10785		mr	NOR
6990	125	I-11123		mr	NOR
3610	90	I-11124		mr	NOR
11460	200	I-11496		mr	NOR
220	110	USGS-477		mr	NOR
1420	110	USGS-478	70:38 N 156:53 W	mr	NOR
820	140	USGS-479	70:38 N 156:53 W	mr	NOR
1260	65	USGS-480	70:38 N 156:53 W	mr	NOR
>42710		USGS-862	70:49 N 158:06 W	mr:d4	NOR
355	75	I-10657		mu	NOR
2320	200	Shell-6713-a		mu	NOR
3140	80	WIS-1215	68:07 N 161:25 W	mu	NOR
14300	140	WIS-1216	68:07 N 161:25 W	mu	NOR
7960	90	WIS-1218	68:07 N 161:25 W	mu	NOR
21700	300	WIS-1219	68:07 N 161:25 W	mu	NOR
>36000		WIS-1222	68:07 N 161:25 W	mu	NOR
>36000		WIS-1223	68:07 N 161:25 W	mu	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
26100	400	B-265	67:07 N 163:40 W	nt	NOR
1450	80	B-266	67:07 N 163:40 W	nt	NOR
2470	150	B-267-a	67:07 N 163:40 W	nt	NOR
2530	150	B-267-b	67:07 N 163:40 W	nt	NOR
1250	100	B-280	67:07 N 163:40 W	nt	NOR
770	120	B-281	67:07 N 163:40 W	nt	NOR
14200	600	I-843	67:30 N 165:52 W	nt	NOR
1100	100	K-725	67:05 N 163:50 W	nt	NOR
1100	100	K-816	67:05 N 163:50 W	nt	NOR
1070	100	K-817	67:05 N 163:50 W	nt	NOR
1180	110	K-837	67:05 N 163:50 W	nt	NOR
1000	110	K-850	67:05 N 163:50 W	nt	NOR
1180	110	K-851	67:05 N 163:50 W	nt	NOR
1651	130	P-225	67:08 N 163:40 W	nt	NOR
3678	53	P-400	67:06 N 163:46 W	nt	NOR
3630	53	P-401	67:06 N 163:46 W	nt	NOR
3084	63	P-402	67:06 N 163:45 W	nt	NOR
2850	63	P-403	67:06 N 163:46 W	nt	NOR
2829	63	P-404	67:06 N 163:46 W	nt	NOR
3583	65	P-405	67:06 N 163:46 W	nt	NOR
2450	60	P-591-a	67:10 N 158:30 W	nt	NOR
1380	60	P-594-a	67:06 N 163:46 W	nt	NOR
1944	52	P-595-a	67:06 N 163:46 W	nt	NOR
1730	61	P-596-a	67:06 N 163:46 W	nt	NOR
1499	57	P-597-a	67:06 N 163:46 W	nt	NOR
906	56	P-613	67:06 N 163:46 W	nt	NOR
2907	67	P-615-a	67:06 N 163:46 W	nt	NOR
2998	62	P-616	67:06 N 163:46 W	nt	NOR
2989	50	P-617	67:06 N 163:46 W	nt	NOR
2865	49	P-618	67:06 N 163:46 W	nt	NOR
3024	51	P-619	67:06 N 163:46 W	nt	NOR
2859	49	P-621	67:06 N 163:46 W	nt	NOR
3291	65	P-623-a	67:06 N 163:46 W	nt	NOR
3571	66	P-624	67:07 N 163:46 W	nt	NOR
3647	53	P-626	67:06 N 163:46 W	nt	NOR
2775	50	P-627	67:06 N 163:46 W	nt	NOR
973	170	C-260	68:21 N 166:46 W	ph	NOR
912	170	C-266	68:21 N 166:46 W	ph	NOR
>38000		I-440	68:07 N 165:55 W	ph	NOR
38000		I-477-b	68:07 N 165:55 W	ph	NOR
>38000		I-1440	68:05 N 165:45 W	ph	NOR
2070	100	K-724	68:19 N 166:42 W	ph	NOR
1619	210	P-98	68:19 N 166:42 W	ph	NOR
35000		W-2240	68:00 N 166:00 W	ph	NOR
11760	200	AU-69	68:24 N 148:58 W	ps	NOR
11890	200	AU-70	68:28 N 149:01 W	ps	NOR
12170	270	AU-71	68:41 N 148:55 W	ps	NOR
12780	440	AU-72	68:46 N 148:45 W	ps	NOR
2510	110	BGS-512	68:27 N 149:22 W	ps	NOR
740	100	BGS-513	68:27 N 149:22 W	ps	NOR
320	100	BGS-522	68:08 N 149:48 W	ps	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
210	90	BGS-547	68:17 N 149:23 W	ps	NOR
800	90	BGS-548	68:08 N 149:26 W	ps	NOR
480	140	BGS-549	68:20 N 149:30 W	ps	NOR
1300	100	BGS-670		ps	NOR
3080	65	DIC-442	68:20 N 149:23 W	ps	NOR
6090	430	GaK-4939	68:21 N 148:50 W	ps	NOR
6090	430	GaK-4940	68:21 N 148:50 W	ps	NOR
2305	135	Gx-4070	68:43 N 149:01 W	ps	NOR
3440	160	Gx-4071	68:43 N 149:01 W	ps	NOR
3855	155	Gx-4072	68:43 N 149:01 W	ps	NOR
95	135	Gx-4073	68:46 N 148:55 W	ps	NOR
40	125	Gx-4074	68:46 N 148:55 W	ps	NOR
2705	160	Gx-4075	68:26 N 149:22 W	ps	NOR
<200		Gx-4076	68:26 N 149:22 W	ps	NOR
305	130	Gx-4077	68:26 N 149:22 W	ps	NOR
4830	155	Gx-4078	68:26 N 149:22 W	ps	NOR
2425	160	Gx-4079	68:26 N 149:22 W	ps	NOR
2135	160	Gx-4080	68:26 N 149:22 W	ps	NOR
1030	140	Gx-4081	68:26 N 149:22 W	ps	NOR
<200		Gx-4082	68:46 N 148:55 W	ps	NOR
0		Gx-4083		ps	NOR
3840	100	Gx-4084	68:46 N 148:55 W	ps	NOR
1780	150	Gx-4085	68:52 N 148:47 W	ps	NOR
210	110	Gx-4086	68:46 N 148:55 W	ps	NOR
115	140	Gx-4087	68:26 N 149:24 W	ps	NOR
310	140	Gx-4088	68:26 N 149:24 W	ps	NOR
<200		Gx-4089	68:26 N 149:24 W	ps	NOR
360	100	Gx-4090	68:26 N 149:24 W	ps	NOR
270	140	Gx-4091	68:48 N 148:50 W	ps	NOR
<200		Gx-4092	68:48 N 148:50 W	ps	NOR
1995	165	Gx-4093	68:48 N 148:19 W	ps	NOR
1570	150	Gx-4094	68:24 N 149:19 W	ps	NOR
2665	155	Gx-4104	68:24 N 149:22 W	ps	NOR
1975	140	Gx-4248	68:26 N 149:22 W	ps	NOR
2360	175	Gx-4249	68:43 N 149:01 W	ps	NOR
3515	160	Gx-4250	68:26 N 149:22 W	ps	NOR
1660	140	Gx-4252	68:44 N 148:58 W	ps	NOR
1330	150	Gx-4253	68:44 N 148:58 W	ps	NOR
1665	165	Gx-4254	68:44 N 148:58 W	ps	NOR
2135	135	Gx-4255	68:44 N 148:58 W	ps	NOR
1975	125	Gx-4256	68:44 N 148:58 W	ps	NOR
2540	185	Gx-4257	68:44 N 148:58 W	ps	NOR
1100	160	Gx-4258	68:44 N 148:58 W	ps	NOR
1735	150	Gx-4259	68:44 N 148:58 W	ps	NOR
2640	180	Gx-4260	68:44 N 148:58 W	ps	NOR
2365	170	Gx-4261	68:44 N 148:58 W	ps	NOR
1840	170	Gx-4262	68:44 N 148:58 W	ps	NOR
907	160	Gx-4263	68:44 N 148:58 W	ps	NOR
2665	180	Gx-4264	68:44 N 148:58 W	ps	NOR
1780	150	Gx-4265	68:44 N 148:58 W	ps	NOR
1975	140	Gx-4284	68:26 N 149:22 W	ps	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
8485	435	Gx-5113		ps	NOR
495	155	Gx-5114		ps	NOR
3995	95	I-10256	68:13 N 147:14 W	ps	NOR
8230	130	I-10373	68:49 N 149:17 W	ps	NOR
12770	180	I-10468	68:30 N 149:01 W	ps	NOR
8930	140	I-10469	68:30 N 149:01 W	ps	NOR
5270	105	I-10470	68:42 N 148:58 W	ps	NOR
3570	90	I-10503	68:39 N 148:27 W	ps	NOR
5310	100	I-10504	68:42 N 148:58 W	ps	NOR
4630	100	I-10505	68:23 N 149:21 W	ps	NOR
2245	120	I-10506	68:27 N 149:22 W	ps	NOR
9380	150	I-10508	68:08 N 147:11 W	ps	NOR
908	150	I-10509	68:05 N 147:09 W	ps	NOR
4220	95	I-10510	68:26 N 149:58 W	ps	NOR
1275	80	I-10519	68:27 N 149:59 W	ps	NOR
2505	190	I-10520	68:26 N 149:59 W	ps	NOR
3995	95	I-10526	68:13 N 147:14 W	ps	NOR
12690	180	I-10567	68:37 N 148:50 W	ps	NOR
9460	150	I-10715	68:49 N 149:17 W	ps	NOR
3220	110	I-11510	68:27 N 149:22 W	ps	NOR
168	34	P-1236	68:26 N 149:24 W	ps	NOR
2920	155	SI-972-a	68:44 N 148:58 W	ps	NOR
3280	155	SI-973-a	68:44 N 148:58 W	ps	NOR
10540	150	SI-974	68:44 N 148:58 W	ps	NOR
2620	175	SI-975	68:44 N 148:58 W	ps	NOR
2275	110	SI-1427	68:24 N 148:58 W	ps	NOR
1180	45	SI-1428	68:24 N 148:58 W	ps	NOR
11470	500	SI-2382	68:21 N 148:50 W	ps	NOR
4800	100	USGS-42	68:23 N 149:21 W	ps	NOR
3160	80	USGS-43	68:25 N 149:23 W	ps	NOR
1850	85	USGS-44	68:29 N 149:34 W	ps	NOR
12840	160	USGS-47	68:29 N 149:01 W	ps	NOR
>38000		USGS-162	68:15 N 147:15 W	ps	NOR
9600	90	USGS-163	68:08 N 147:14 W	ps	NOR
9730	230	USGS-164	68:05 N 147:09 W	ps	NOR
430	50	USGS-165	68:27 N 149:59 W	ps	NOR
770	130	USGS-166	68:27 N 149:59 W	ps	NOR
10500	80	USGS-229	68:05 N 147:09 W	ps	NOR
1230	160	USGS-608	68:23 N 149:48 W	ps	NOR
8450	130	WSU-318	68:21 N 148:50 W	ps	NOR
8450	150	WSU-1318	68:21 N 148:50 W	ps	NOR
175	70	WSU-2653		ps	NOR
80	90	WSU-2654	68:26 N 149:24 W	ps	NOR
<200		L-511-a	69:50 N 148:48 W	sg	NOR
8700	200	L-511-b	69:50 N 148:48 W	sg	NOR
955	125	SI-742	69:27 N 149:29 W	sg	NOR
>49500		USGS-56	69:01 N 148:50 W	sg	NOR
1900	200	W-593	69:45 N 149:20 W	sg	NOR
8400	300	W-1993	69:31 N 148:52 W	sg	NOR
>29000		AU-43	67:12 N 154:34 W	sp	NOR
>31000		AU-44	67:10 N 154:34 W	sp	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>29000		AU-45	67:43 N 154:56 W	sp	NOR
>28000		AU-46	67:43 N 154:56 W	sp	NOR
>31000		AU-47	67:43 N 154:56 W	sp	NOR
>45000		AU-470	67:44 N 154:59 W	sp	NOR
6540	290	Beta-1695	67:08 N 153:53 W	sp	NOR
8080	230	Beta-1696	67:08 N 153:53 W	sp	NOR
13735	245	Beta-1697	67:08 N 153:53 W	sp	NOR
4010	60	Beta-2645	67:09 N 154:22 W	sp	NOR
1830	50	Beta-2646	67:09 N 154:22 W	sp	NOR
6610	100	Beta-2840	67:09 N 154:22 W	sp	NOR
3710	120	Beta-3433	67:04 N 154:14 W	sp	NOR
7280	150	Beta-3434	67:04 N 154:14 W	sp	NOR
10370	110	Beta-3435	67:04 N 154:14 W	sp	NOR
1840	110	Beta-3436	67:04 N 154:14 W	sp	NOR
4080	100	Beta-3437	67:41 N 154:32 W	sp	NOR
7950	120	Beta-3692	67:04 N 154:14 W	sp	NOR
1260	80	I-10596	67:42 N 154:44 W	sp	NOR
4600	95	I-10928	67:14 N 153:43 W	sp	NOR
2045	80	I-10929	67:11 N 153:20 W	sp	NOR
8690	115	I-11241	67:06 N 153:26 W	sp	NOR
3220	85	I-11400	67:04 N 154:48 W	sp	NOR
1015	80	I-11450	67:40 N 155:22 W	sp	NOR
5630	115	I-11468	67:14 N 154:34 W	sp	NOR
8800	75	I-11508	67:29 N 155:25 W	sp	NOR
4160	100	I-11571	67:13 N 154:34 W	sp	NOR
5810	115	I-11673	67:07 N 154:34 W	sp	NOR
5110	50	Q1-1348	67:04 N 154:14 W	sp	NOR
7690	60	Q1-1379	67:04 N 154:14 W	sp	NOR
12500	80	Q1-1380	67:04 N 154:14 W	sp	NOR
13230	90	Q1-1381	67:04 N 154:14 W	sp	NOR
3520	100	Q1-1382	67:56 N 155:03 W	sp	NOR
11750	150	Q1-1383	67:56 N 155:03 W	sp	NOR
6860	110	Q1-1384	67:56 N 155:03 W	sp	NOR
6250	50	Q1-1432	67:08 N 153:38 W	sp	NOR
16400	250	Q1-1480	67:08 N 153:38 W	sp	NOR
>60000		Q1-1487	67:44 N 158:58 W	sp	NOR
2200	80	Q1-1519	67:08 N 153:38 W	sp	NOR
3970	70	Q1-1520	67:08 N 153:38 W	sp	NOR
5690	120	Q1-1521	67:08 N 153:38 W	sp	NOR
7260	140	Q1-1522	67:08 N 153:38 W	sp	NOR
10600	150	Q1-1523	67:08 N 153:38 W	sp	NOR
20680	400	Q1-1524	67:08 N 153:38 W	sp	NOR
20700	900	Q1-1526	67:08 N 153:38 W	sp	NOR
20900	1200	Q1-1527	67:08 N 153:38 W	sp	NOR
1540	40	Q1-1528	67:41 N 154:32 W	sp	NOR
>55300		USGS-465	67:44 N 154:48 W	sp	NOR
>47300		USGS-466	67:44 N 154:48 W	sp	NOR
>45600		USGS-467	67:44 N 154:48 W	sp	NOR
>42900		USGS-468	67:44 N 154:48 W	sp	NOR
>52500		USGS-469	67:44 N 154:48 W	sp	NOR
>45800		USGS-470	67:44 N 154:48 W	sp	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
24300	250	USGS-1043	66:58 N 154:25 W	sp	NOR
22650	220	USGS-1044	66:58 N 154:25 W	sp	NOR
5140	50	USGS-1045	66:58 N 154:25 W	sp	NOR
6760	90	UW-84	67:06 N 153:26 W	sp	NOR
31000	800	W-1427	67:06 N 153:10 W	sp	NOR
8785	230	Gx-8130		ts	NOR
11615	305	Gx-8131		ts	NOR
3840	140	I-1004	70:17 N 154:43 W	ts	NOR
11230	170	I-10814	70:26 N 153:29 W	ts	NOR
11430	170	I-11675	70:23 N 153:12 W	ts	NOR
>37000		I-12127		ts	NOR
>40000		I-12128		ts	NOR
11530	170	I-12129		ts	NOR
11600	170	I-12130		ts	NOR
11700	170	I-12131		ts	NOR
>33200		I-12132		ts	NOR
>44000		USGS-360		ts	NOR
10980	80	USGS-377	70:22 N 153:12 W	ts	NOR
10700	120	USGS-378	70:22 N 153:12 W	ts	NOR
5250	80	USGS-379	70:22 N 153:12 W	ts	NOR
940	110	USGS-380	70:22 N 153:12 W	ts	NOR
8180	75	USGS-448	70:22 N 153:12 W	ts	NOR
13610	130	USGS-624	70:18 N 153:26 W	ts	NOR
>51000		USGS-676		ts	NOR
25200	180	USGS-1029	70:08 N 154:28 W	ts	NOR
13140	60	USGS-1154	70:27 N 153:53 W	ts	NOR
8410	140	I-11676	70:44 N 153:38 W	ts:c2	NOR
8480	140	I-12193	70:44 N 153:38 W	ts:c2	NOR
7180	120	I-12194	70:44 N 153:38 W	ts:c2	NOR
7750	125	I-11052	70:53 N 153:53 W	ts:d2	NOR
4000	95	I-11054	70:53 N 153:53 W	ts:d2	NOR
2795	95	I-11055	70:53 N 153:53 W	ts:d2	NOR
10300	70	USGS-691	70:53 N 153:53 W	ts:d2	NOR
1470	80	GaK-2304	69:25 N 161:21 W	ur	NOR
4960	100	I-11145		ur	NOR
3890	95	I-11154		ur	NOR
6380	115	I-10541		ut	NOR
755	80	I-10542		ut	NOR
8300	270	L-277-b	69:10 N 152:23 W	ut	NOR
7530	150	L-277-c	69:10 N 152:23 W	ut	NOR
5890	170	L-277-d	69:10 N 152:23 W	ut	NOR
>36000		L-301	69:45 N 151:40 W	ut	NOR
8720	200	L-400-c	69:23 N 152:11 W	ut	NOR
3740	60	USGS-187	69:50 N 151:35 W	ut	NOR
3850	45	USGS-205	69:22 N 152:04 W	ut	NOR
35900	1200	USGS-825	69:48 N 152:37 W	ut	NOR
16490	130	USGS-1376	69:48 N 152:37 W	ut	NOR
1060	200	W-839	69:23 N 152:11 W	ut	NOR
40000		I-10272		wa	NOR
9125	150	I-10328	70:18 N 161:03 W	wa	NOR
6235	120	I-10329	70:18 N 161:03 W	wa	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
8280	140	I-10330	70:18 N 161:03 W	wa	NOR
9540	150	I-10331	70:18 N 161:03 W	wa	NOR
8440	160	I-10332	70:19 N 161:01 W	wa	NOR
9180	150	I-10368	70:31 N 160:17 W	wa	NOR
8295	135	I-11125		wa	NOR
10200	200	I-11373		wa	NOR
1730	40	USGS-499	70:05 N 159:40 W	wa	NOR
1170	45	USGS-500	70:07 N 159:41 W	wa	NOR
490	50	USGS-506	70:16 N 161:53 W	wa	NOR
10600	180	USGS-517	70:13 N 159:47 W	wa	NOR
>44000		USGS-689	70:05 N 159:40 W	wa:a2	NOR
42100	1400	USGS-860	70:37 N 160:04 W	wa:c2	NOR
>54400		USGS-861	70:37 N 160:01 W	wa:c2	NOR
5410	110	I-10620	70:32 N 160:15 W	wa:c3	NOR
9590	80	USGS-516	70:13 N 159:47 W	wa:c3	NOR
6310	175	Beta-1691	67:15 N 152:35 W	wi	NOR
7850	665	Beta-1692	67:15 N 152:35 W	wi	NOR
11179	475	Beta-1693	67:15 N 152:35 W	wi	NOR
9865	355	Beta-1694	67:15 N 152:35 W	wi	NOR
7320	140	Beta-4560	67:03 N 151:25 W	wi	NOR
10350	160	Beta-4561	67:03 N 151:25 W	wi	NOR
7895	95	Beta-4972	67:03 N 151:25 W	wi	NOR
12845	135	Beta-4973	67:03 N 151:25 W	wi	NOR
12350	400	Beta-4976	67:03 N 151:25 W	wi	NOR
5150	280	Beta-5583	67:03 N 151:25 W	wi	NOR
2790	120	Beta-5882	67:03 N 151:25 W	wi	NOR
9830	120	Beta-5884	67:03 N 151:25 W	wi	NOR
11140	90	Beta-5885	67:03 N 151:25 W	wi	NOR
6630	110	I-10277	67:49 N 152:30 W	wi	NOR
11560	170	I-10471	67:13 N 151:28 W	wi	NOR
7990	130	I-10501	67:09 N 150:21 W	wi	NOR
2630	85	I-10570	67:07 N 151:53 W	wi	NOR
6820	110	I-10571	67:07 N 151:53 W	wi	NOR
20600	400	I-10573	67:04 N 150:12 W	wi	NOR
1670	80	I-10597	67:20 N 152:18 W	wi	NOR
2355	80	I-10598	67:22 N 150:15 W	wi	NOR
3230	90	I-10599	67:22 N 150:15 W	wi	NOR
10700	190	I-10600	67:34 N 151:12 W	wi	NOR
2060	75	I-10601	67:24 N 152:27 W	wi	NOR
6260	110	I-10602	67:35 N 152:04 W	wi	NOR
9180	280	I-10603	67:32 N 150:07 W	wi	NOR
11600	170	I-10714	67:15 N 150:13 W	wi	NOR
28450	950	I-10816	67:12 N 150:16 W	wi	NOR
695	75	I-10830	67:31 N 152:10 W	wi	NOR
450	75	I-10999	67:39 N 152:32 W	wi	NOR
1185	80	I-11008	67:35 N 150:23 W	wi	NOR
1035	140	I-11009	67:31 N 150:24 W	wi	NOR
22740	560	I-11238	67:13 N 151:26 W	wi	NOR
1380	120	I-11239	67:35 N 150:23 W	wi	NOR
23500	380	SI-1875	67:03 N 151:06 W	wi	NOR
15455	130	SI-1876	67:03 N 151:06 W	wi	NOR

Date	standard deviation	laboratory	latitude/ longitude	quad	region
13160	170	SI-1877	67:03 N 151:06 W	wi	NOR
35400	2000	SI-1878	67:03 N 151:06 W	wi	NOR
>40000		SI-1879	67:01 N 151:07 W	wi	NOR
29000	700	SI-1880	66:57 N 151:44 W	wi	NOR
19700	360	SI-1881	66:57 N 151:44 W	wi	NOR
17420	180	SI-1882	66:57 N 151:44 W	wi	NOR
8430	70	USGS-45	67:25 N 150:04 W	wi	NOR
50100	3200/2600	USGS-410	67:07 N 150:55 W	wi	NOR
9890	80	USGS-412	67:07 N 151:52 W	wi	NOR
27700	950	USGS-413	67:21 N 152:18 W	wi	NOR
>48000		USGS-414	67:28 N 151:49 W	wi	NOR

West-central region

Date	standard deviation	laboratory	latitude/ longitude	quad	region
38500	980	Beta-4221			WCE
34340	1940	Beta-4222			WCE
1770	60	Beta-5577			WCE
>34400		USGS-50	62:02 N 165:14 W	bl	WCE
1890	85	USGS-53	62:19 N 165:12 W	bl	WCE
2090	120	USGS-183	62:59 N 165:34 W	bl	WCE
3070	40	USGS-353	62:58 N 165:16 W	bl	WCE
5992	280	C-560	65:48 N 163:13 W	bn	WCE
1260	130	K-108	65:48 N 163:13 W	bn	WCE
2620	120	K-147	65:48 N 163:13 W	bn	WCE
28100	110	K-979	65:48 N 163:13 W	bn	WCE
9070	150	K-980	65:48 N 163:13 W	bn	WCE
1100	100	K-982	65:48 N 163:13 W	bn	WCE
2700	110	K-983	65:48 N 163:13 W	bn	WCE
15570	350	K-1210	65:48 N 163:13 W	bn	WCE
2160	110	K-1289	65:48 N 163:13 W	bn	WCE
2770	110	K-1290	65:48 N 163:13 W	bn	WCE
510	100	K-1291	65:48 N 163:13 W	bn	WCE
13070	280	K-1327	65:48 N 163:13 W	bn	WCE
8350	200	L-117-c	65:18 N 164:43 W	bn	WCE
450	100	L-117-d	65:18 N 164:43 W	bn	WCE
>40000		W-196	65:20 N 164:40 W	bn	WCE
9330	300	W-2160	65:44 N 164:52 W	bn	WCE
>34500		Y-1142	65:34 N 163:12 W	bn	WCE
>37000		Y-1143	65:34 N 163:12 W	bn	WCE
12355	160	Y-1144	65:34 N 163:12 W	bn	WCE
>40000		I-13989	65:06 N 163:31 W	bn:a4	WCE
4000	100	I-13990	65:06 N 163:31 W	bn:a4	WCE
2750	350	L-137-f	65:18 N 164:43 W	bn:bl	WCE
2400	80	Beta-7760	65:18 N 164:44 W	bn:b6	WCE
3340	90	Beta-7761	65:18 N 164:44 W	bn:b6	WCE
6450	240	I-13991	65:18 N 164:44 W	bn:b6	WCE
10280	800	L-137-g		bn:b6	WCE
>45000		W-2159	65:21 N 164:40 W	bn:b6	WCE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>45000		W-2161	65:24 N 164:38 W	bn:b6	WCE
21700	2000	I-415	65:34 N 163:12 W	bn:c3	WCE
13250	700	I-588	65:34 N 163:12 W	bn:c3	WCE
1655	220	I-8293	69:39 N 163:10 W	bn:c3	WCE
8800	1000	L-117-e		bn:c5	WCE
9400	750	L-137-n		bn:d1	WCE
2284	56	P-1633	65:00 N 161:00 W	ca	WCE
8080	300	W-2808	65:56 N 161:59 W	ca	WCE
8310	300	W-2809	65:56 N 161:59 W	ca	WCE
4290	250	W-2810	65:43 N 167:27 W	ca	WCE
>59000		Q1-1725	65:56 N 161:59 W	ca:d6	WCE
3600	500	L-117-f		cn:d6	WCE
5270	240	W-841	66:52 N 155:02 W	hu	WCE
>40000		W-2134	66:11 N 155:41 W	hu	WCE
2470	250	W-473	66:52 N 155:29 W	hu	WCE
820	90	USGS-48	62:55 N 164:06 W	kw	WCE
1350	80	USGS-49	62:09 N 164:59 W	kw	WCE
1430	50	USGS-212	62:32 N 164:52 W	kw	WCE
600	70	USGS-213	62:41 N 164:37 W	kw	WCE
2420	80	USGS-214	62:37 N 164:40 W	kw	WCE
1800	90	USGS-218	62:37 N 164:41 W	kw	WCE
1550	80	USGS-225	62:18 N 164:59 W	kw	WCE
2570	70	USGS-226	62:29 N 164:52 W	kw	WCE
9990	400	W-1213	62:37 N 163:07 W	kw	WCE
7400	300	W-1235	62:38 N 163:38 W	kw	WCE
26900	2400	AU-90	66:36 N 162:08 W	kz	WCE
19900	800	AU-112	66:21 N 164:42 W	kz	WCE
7070	145	AU-113	66:16 N 164:01 W	kz	WCE
>39900		I-4099	66:05 N 162:50 W	kz	WCE
9150	150	I-4780	66:05 N 162:50 W	kz	WCE
12420	180	I-4781	66:05 N 162:50 W	kz	WCE
1380	200	K-532	66:04 N 162:45 W	kz	WCE
1290	200	K-537	66:04 N 162:45 W	kz	WCE
2635	125	P-96	66:16 N 161:52 W	kz	WCE
8550	400	W-1249	66:36 N 162:05 W	kz	WCE
7270	350	W-1250	66:44 N 162:30 W	kz	WCE
>42000		W-1253	66:43 N 162:28 W	kz	WCE
11340	400	W-1254	66:40 N 162:09 W	kz	WCE
9020	350	W-1255	66:43 N 162:26 W	kz	WCE
>38000		W-1256	66:40 N 162:09 W	kz	WCE
>38000		W-1257	66:41 N 162:12 W	kz	WCE
34000	2000	W-1262	66:41 N 162:12 W	kz	WCE
8480	300	W-2596	66:29 N 164:30 W	kz	WCE
9190	350	W-2619	66:31 N 164:15 W	kz	WCE
9625	350	W-2620	66:04 N 163:03 W	kz	WCE
>42000		W-2670	66:15 N 163:49 W	kz	WCE
9350	350	W-2800	66:23 N 164:31 W	kz	WCE
11610	500	W-2801	66:23 N 164:31 W	kz	WCE
9410	350	W-2802	66:23 N 164:31 W	kz	WCE
10370	500	W-2803	66:23 N 164:31 W	kz	WCE
28700	1000	W-2804	66:34 N 164:27 W	kz	WCE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
11550	350	W-2805	66:30 N 164:01 W	kz	WCE
14490	400	W-2806	66:31 N 164:00 W	kz	WCE
25390	800	W-2807	66:31 N 164:00 W	kz	WCE
>34000		W-2878	66:31 N 164:00 W	kz	WCE
>27000		W-2879	66:30 N 164:05 W	kz	WCE
16950	500	W-2880	66:30 N 164:05 W	kz	WCE
>36000		W-2881	66:30 N 164:02 W	kz	WCE
>32000		W-2882	66:30 N 164:02 W	kz	WCE
21600	600	W-2883	66:31 N 164:00 W	kz	WCE
>31000		W-2884	66:31 N 164:00 W	kz	WCE
>35000		W-192	66:51 N 162:45 W	kz:a2	WCE
4300	200	W-3488	66:22 N 164:43 W	kz:b6	WCE
9630	350	W-3491	66:24 N 164:32 W	kz:b6	WCE
19600	1000	W-3492	66:22 N 164:43 W	kz:b6	WCE
>42000		I-10622	66:40 N 162:08 W	kz:c1	WCE
>36000		W-2281	66:31 N 164:02 W	kz:c5	WCE
1360	90	S-655	65:43 N 155:32 W	mz	WCE
1285	75	S-656	65:43 N 155:32 W	mz	WCE
1500	90	S-657	65:42 N 155:33 W	mz	WCE
1465	75	S-658	65:42 N 155:33 W	mz	WCE
885	80	S-920	65:51 N 154:11 W	mz	WCE
770	460	S-921	65:41 N 153:20 W	mz	WCE
290	100	S-975	65:43 N 155:32 W	mz	WCE
485	95	AU-66	64:12 N 158:30 W	nl	WCE
65	115	AU-68	64:12 N 158:30 W	nl	WCE
3250	150	I-437	64:43 N 156:44 W	nl	WCE
1556	48	P-1530	64:00 N 158:00 W	nl	WCE
8140	300	W-472	64:44 N 156:56 W	nl	WCE
7740	200	W-736	64:39 N 156:59 W	nl	WCE
1622	95	I-5376	64:26 N 165:00 W	nm	WCE
1376	92	I-5377	64:26 N 165:00 W	nm	WCE
1719	181	I-5378	64:26 N 165:00 W	nm	WCE
1973	99	I-5379	64:26 N 165:00 W	nm	WCE
1593	89	I-5380	64:26 N 165:00 W	nm	WCE
294	88	I-5981	64:26 N 165:00 W	nm	WCE
1245	74	I-5982	64:26 N 165:00 W	nm	WCE
2047	79	I-5983	64:26 N 165:00 W	nm	WCE
2216	79	I-6085	64:26 N 165:00 W	nm	WCE
2210	90	P-1809	64:30 N 166:00 W	nm	WCE
13770	210	USGS-352	64:10 N 165:27 W	nm	WCE
10050	270	W-461		nm	WCE
13040	300	W-463	64:31 N 165:28 W	nm	WCE
2770	300	W-484		nm	WCE
9690	400	W-485		nm	WCE
>38000		W-810	64:31 N 165:26 W	nm	WCE
9700	350	W-1800	64:30 N 165:18 W	nm	WCE
>30000		W-2115	64:31 N 165:40 W	nm	WCE
>34000		W-2116	64:26 N 165:06 W	nm	WCE
10250	350	W-2325	64:27 N 165:25 W	nm	WCE
750	200	W-2462	64:13 N 166:14 W	nm	WCE
980	200	W-2466	64:24 N 165:35 W	nm	WCE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
2180	80	I-11131	64:57 N 165:12W	nm:d1	WCE
1390	85	I-11143	64:57 N 165:12 W	nm:d1	WCE
4430	95	I-7706	64:59 N 165:59 W	nm:d2	WCE
5010	100	I-7707	64:59 N 165:59 W	nm:d2	WCE
6150	110	I-7708	64:59 N 165:59 W	nm:d2	WCE
>33000		I-7709	64:59 N 165:59 W	nm:d2	WCE
2447	200	C-506	64:26 N 161:32 W	nr	WCE
1966	250	C-562	64:23 N 161:32 W	nr	WCE
3477	310	C-792	64:39 N 161:27 W	nr	WCE
3541	315	C-792	64:39 N 161:27 W	nr	WCE
3509	230	C-792-avg	64:39 N 161:27 W	nr	WCE
4253	290	C-793	64:29 N 161:27 W	nr	WCE
5063	340	C-793	64:29 N 161:27 W	nr	WCE
5658	220	C-793-avg	64:29 N 161:27 W	nr	WCE
960	100	M-1260-a	64:13 N 160:47 W	nr	WCE
1050	110	M-1260-b	64:13 N 160:47 W	nr	WCE
2750	130	M-1260-c	64:13 N 160:47 W	nr	WCE
2213	110	P-13	64:25 N 161:13 W	nr	WCE
3310	200	P-102	64:25 N 161:31 W	nr	WCE
3480	200	P-103	64:25 N 161:31 W	nr	WCE
3000	170	P-104	64:25 N 161:31 W	nr	WCE
4040	280	P-105	64:25 N 161:31 W	nr	WCE
3080	210	P-108	64:25 N 161:31 W	nr	WCE
1976	50	P-1531	64:00 N 161:00 W	nr	WCE
2091	50	P-1532	64:00 N 161:00 W	nr	WCE
2140	47	P-1771	64:00 N 161:00 W	nr	WCE
1810	40	P-1772	64:00 N 161:00 W	nr	WCE
11800	200	USGS-159	64:24 N 161:49 W	nr	WCE
3970	600	W-298		nr	WCE
2244	133	P-175	66:16 N 161:52 W	se	WCE
2646	177	P-203	66:16 N 161:52 W	se	WCE
2190	51	P-611	66:16 N 161:52 W	se	WCE
1441	58	P-612	66:16 N 161:52 W	se	WCE
>42000		W-1251	66:23 N 161:35 W	se	WCE
>42000		W-1252	66:53 N 161:24 W	se	WCE
9480	160	Y-1351	66:15 N 161:18 W	se	WCE
>44000		Y-1352	66:15 N 161:18 W	se	WCE
200	200	W-1771		sf	WCE
450	200	W-1778		sf	WCE
2257	230	C-505	63:47 N 171:43 W	sl	WCE
5650	275	I-993	63:29 N 170:06 W	sl	WCE
1070	120	P-69	63:46 N 171:43 W	sl	WCE
1420	230	P-70	63:46 N 171:43 W	sl	WCE
1630	230	P-71	63:46 N 171:43 W	sl	WCE
1398	116	P-80	63:46 N 171:43 W	sl	WCE
1013	116	P-83	63:46 N 171:43 W	sl	WCE
1296	108	P-84	63:46 N 171:43 W	sl	WCE
1002	108	P-85	63:46 N 171:43 W	sl	WCE
1231	108	P-88	63:46 N 171:43 W	sl	WCE
910	145	P-92	63:46 N 171:43 W	sl	WCE
1700	150	P-93	63:46 N 171:43 W	sl	WCE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
1429	121	P-94	63:46 N 171:43 W	sl	WCE
1641	106	P-95	63:46 N 171:43 W	sl	WCE
1380	118	P-110	63:46 N 171:43 W	sl	WCE
1461	65	P-325	63:46 N 171:43 W	sl	WCE
1610	80	P-2090	63:30 N 169:20 W	sl	WCE
700	200	W-2467	63:35 N 169:58 W	sl	WCE
10500	300	W-2555	63:42 N 163:03 W	sl	WCE
700	250	W-2682	63:43 N 169:54 W	sl	WCE
1690	250	W-2685	63:58 N 171:28 W	sl	WCE
10210	160	I-7701	64:57 N 164:44 W	so:d6	WCE
10880	160	I-7702	64:57 N 164:44 W	so:d6	WCE
2025	80	I-7703	64:58 N 164:43 W	so:d6	WCE
1985	80	I-7704	64:58 N 164:43 W	so:d6	WCE
5170	265	AU-109	65:15 N 166:23 W	te	WCE
1480	240	P-63	65:36 N 168:04 W	te	WCE
1320	230	P-65	65:36 N 168:04 W	te	WCE
1230	240	P-67	65:36 N 168:04 W	te	WCE
1350	360	P-68	65:36 N 168:04 W	te	WCE
2583	60	P-592	65:40 N 168:15 W	te	WCE
2566	53	P-598	65:40 N 168:15 W	te	WCE
2402	43	P-599-a	65:40 N 168:15 W	te	WCE
2306	38	P-629	67:40 N 168:15 W	te	WCE
13200	110	USGS-155	65:05 N 167:43 W	te	WCE
>40000		USGS-156	65:05 N 167:43 W	te	WCE
16400	430	USGS-157	65:08 N 167:36 W	te	WCE
340	200	W-2301	65:00 N 168:01 W	te	WCE
>30000		W-2534	65:05 N 167:43 W	te	WCE
8360	300	W-2592	65:40 N 167:54 W	te	WCE
770	250	W-2681	65:04 N 169:17 W	te	WCE
740	250	W-2683	65:11 N 167:53 W	te	WCE
1400	250	W-2684	65:13 N 168:06 W	te	WCE
29300	1000	Y-1417	65:15 N 165:45 W	te	WCE
2605	90	I-7700	65:10 N 165:52 W	te:a2	WCE
4190	90	Beta-7762	65:03 N 166:12 W	te:a3	WCE
2090	60	Beta-7763	65:03 N 166:12 W	te:a3	WCE
6485	110	I-7705	65:18 N 165:45 W	te:b2	WCE
400	250	W-1998	65:22 N 166:45 W	te:b4	WCE
>37000		W-1984	65:24 N 166:36 W	te:c3	WCE
3750	250	W-1773	64:40 N 167:05 W	te:d5	WCE
1088	200	W-1776	65:40 N 167:00 W	te:d5	WCE
3760	250	W-1823	65:40 N 167:00 W	te:d5	WCE

East-central region

Date	standard deviation	laboratory	latitude/ longitude	quad	region
21780	310	DIC-1334			ECE
18450	200/210	DIC-3091			ECE
30250	890/990	DIC-3092			ECE
22370	300/310	DIC-3093			ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
23340	388	DIC-3094			ECE
37320	1780/2300	DIC-3095			ECE
18640	205	DIC-3096			ECE
26830	1230/1450	DIC-3097			ECE
24070	380/410	DIC-3098			ECE
28600	690/760	DIC-3099			ECE
5890	200	Gx-8386			ECE
9105	585	Gx-8387			ECE
250	110	Gx-8904			ECE
4480	220	Gx-8905			ECE
16270	230	I-9271			ECE
14990	220	I-9316			ECE
2300	80	I-11785			ECE
21750	1400/1200	Q1-660			ECE
17980	575	Q1-661			ECE
24000	1500/1200	Q1-666			ECE
23380	450/2680	Q1-667			ECE
18230	410	Q1-668			ECE
22280	870/770	Q1-669			ECE
23130	1765/1445	Q1-670			ECE
26950	6030/3405	Q1-672			ECE
19660	300	Q1-673			ECE
24525	1680/1390	Q1-675			ECE
2140	190	USGS-1123			ECE
10434	279	AU-6	64:00 N 144:30 W	bd	ECE
9640	373	AU-7	64:00 N 144:30 W	bd	ECE
9401	528	AU-8	64:00 N 144:30 W	bd	ECE
10910	510	AU-93	64:19 N 146:40 W	bd	ECE
1270	80	GaK-1884	64:00 N 144:43 W	bd	ECE
1260	90	GaK-1885	64:00 N 144:43 W	bd	ECE
11072	170	Gx-1341		bd	ECE
25300	950	Gx-2179		bd	ECE
18000	790	Gx-4342	64:02 N 145:44 W	bd	ECE
19825	875	Gx-4343	64:02 N 145:44 W	bd	ECE
19035	780	Gx-4344	64:02 N 145:44 W	bd	ECE
4030	165	Gx-7075		bd	ECE
8450	150	I-8066	64:19 N 146:40 W	bd	ECE
13010	500	I-8067	64:19 N 146:40 W	bd	ECE
14730	830	I-8068	64:19 N 146:40 W	bd	ECE
9185	325	I-8070	64:19 N 146:40 W	bd	ECE
2775	100	I-8289		bd	ECE
1615	145	I-8290		bd	ECE
9460	155	I-8291		bd	ECE
3510	215	I-8292		bd	ECE
8450	700	L-237-a	64:52 N 146:43 W	bd	ECE
10150	210	SI-737	64:00 N 144:30 W	bd	ECE
32160	1250	SMU-620	64:17 N 146:29 W	bd	ECE
28140	4150	SMU-621	64:17 N 146:29 W	bd	ECE
40430	2790	SMU-640	64:17 N 146:29 W	bd	ECE
38100	2030	SMU-640	64:17 N 146:29 W	bd	ECE
39390	1740	SMU-640-avg	64:17 N 146:29 W	bd	ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
100	60	USGS-206	64:13 N 145:20 W	bd	ECE
8270	150	USGS-207	64:39 N 145:47 W	bd	ECE
900	90	GaK-1886	64:00 N 144:43 W	bd:a2	ECE
1360	80	GaK-1887	64:00 N 144:43 W	bd:a2	ECE
8960	150	Gx-1340	64:01 N 144:45 W	bd:a2	ECE
11090	170	Gx-1391	64:01 N 144:45 W	bd:a2	ECE
10500	280	Gx-1944	64:01 N 144:45 W	bd:a2	ECE
6045	280	Gx-2159	64:00 N 144:30 W	bd:a2	ECE
905	906	Gx-2160		bd:a2	ECE
2150	180	Gx-2161	64:01 N 144:45 W	bd:a2	ECE
4010	110	Gx-2163	64:01 N 144:45 W	bd:a2	ECE
3350	140	Gx-2165	64:01 N 144:45 W	bd:a2	ECE
455	130	Gx-2166	64:01 N 144:45 W	bd:a2	ECE
905	906	Gx-2167	64:01 N 144:45 W	bd:a2	ECE
1655	108	Gx-2168	64:01 N 144:45 W	bd:a2	ECE
2875	140	Gx-2169	64:01 N 144:45 W	bd:a2	ECE
8680	240	Gx-2170	64:01 N 144:45 W	bd:a2	ECE
8655	280	Gx-2171	64:01 N 144:45 W	bd:a2	ECE
10250	380	Gx-2173	64:01 N 144:45 W	bd:a2	ECE
9895	210	Gx-2174	64:00 N 144:30 W	bd:a2	ECE
8456	360	Gx-2175	64:00 N 144:30 W	bd:a2	ECE
2660	100	Gx-2176	64:01 N 144:45 W	bd:a2	ECE
8210	155	SI-738	64:00 N 144:30 W	bd:a2	ECE
10040	210	SI-739	64:00 N 144:30 W	bd:a2	ECE
8040	190	Gx-255	64:15 N 145:59 W	bd:a4	ECE
2565	295	Gx-254	64:15 N 146:12 W	bd:b5	ECE
3920	75	Gx-257	64:15 N 146:25 W	bd:b5	ECE
3005	75	Gx-277	64:15 N 146:25 W	bd:b5	ECE
5650	200	W-753	66:30 N 143:49 W	br	ECE
4250	250	W-756	66:30 N 143:49 W	br	ECE
1530	200	AU-110	66:25 N 150:35 W	bt	ECE
615	150	AU-111	66:25 N 150:35 W	bt	ECE
5720	65	SI-122	65:42 N 144:22 W	ci	ECE
6950	400	SI-123	65:42 N 144:22 W	ci	ECE
>35000		Beta-1823		co	ECE
31840	855	Beta-1824		co	ECE
15940	135	Beta-1825		co	ECE
5220	85	Beta-1826		co	ECE
28930	425	Beta-1827		co	ECE
29440	670/740	DIC-1570		co	ECE
26570	680/750	DIC-1571		co	ECE
30490	730/810	DIC-1573		co	ECE
3690	60	DIC-1855		co	ECE
2350	55	DIC-1856		co	ECE
4310	250	W-1994	65:22 N 143:12 W	cy:a5	ECE
3090	250	W-1997	65:22 N 143:12 W	cy:a5	ECE
2200	250	W-1987	66:07 N 142:00 W	cy:b1	ECE
5280	250	W-1996	66:07 N 142:00 W	cy:b1	ECE
53000	1800	GSC-2118	64:03 N 141:52 W	ea	ECE
6410	120	GSC-2130	64:03 N 141:52 W	ea	ECE
10370	160	I-8582	64:03 N 141:52 W	ea	ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
29700	240	Ql-1178	64:04 N 141:27 W	ea	ECE
14500	3000	Ql-1213	64:09 N 141:27 W	ea	ECE
>50400		USGS-1253	64:03 N 141:53 W	ea	ECE
7930	300	W-1484	64:23 N 143:26 W	ea	ECE
3750	380	SI-356	64:07 N 141:18 W	ea:a1	ECE
10050	150	I-9998	64:03 N 141:52 W	ea:a2	ECE
26760	300	SI-355	64:03 N 141:52 W	ea:a2	ECE
8940	270	A-2144	64:04 N 149:06 W	fb	ECE
8160	260	A-2168	64:04 N 149:06 W	fb	ECE
5995	305	AU-11	64:52 N 147:48 W	fb	ECE
5370	135	AU-12	64:52 N 147:48 W	fb	ECE
1065	135	AU-13	64:52 N 147:48 W	fb	ECE
2705	260	AU-14	64:52 N 147:48 W	fb	ECE
6275	485	AU-15	64:52 N 147:48 W	fb	ECE
2180	55	AU-16	64:52 N 147:48 W	fb	ECE
890	175	AU-17	64:52 N 147:48 W	fb	ECE
3325	195	AU-19	64:52 N 147:48 W	fb	ECE
3430	175	AU-20	64:52 N 147:48 W	fb	ECE
2640	90	AU-22	64:52 N 147:48 W	fb	ECE
4295	405	AU-23	64:52 N 147:48 W	fb	ECE
3285	585	AU-24	64:52 N 147:48 W	fb	ECE
1380	155	AU-25	64:52 N 147:48 W	fb	ECE
445	150	AU-26	64:52 N 147:48 W	fb	ECE
300	145	AU-27	64:52 N 147:48 W	fb	ECE
2860	180	Beta-4260		fb	ECE
3500	140	Beta-6829		fb	ECE
2725	125	Beta-7075		fb	ECE
5845	246	Birm-711	64:51 N 149:49 W	fb	ECE
35620	1530/1900	DIC-3100		fb	ECE
11730	250	Gx-6281	64:04 N 149:06 W	fb	ECE
>56900		Hv-1328		fb	ECE
4153	135	I-8064	64:20 N 147:10 W	fb	ECE
5897	130	I-8065	64:20 N 147:10 W	fb	ECE
<250		I-9420		fb	ECE
195		I-9421		fb	ECE
13640		I-9422		fb	ECE
12050	165	I-10254	64:28 N 149:19 W	fb	ECE
11950	170	I-10507	64:28 N 149:19 W	fb	ECE
10640	280	I-11227	64:04 N 149:06 W	fb	ECE
>28000		L-127	65:03 N 147:38 W	fb	ECE
17695	445	SI-851		fb	ECE
5925	275	TAM-2	64:55 N 148:00 W	fb	ECE
5929	275	Tx-2	64:55 N 148:00 W	fb	ECE
3110	100	USGS-30	64:52 N 147:48 W	fb	ECE
1770	70	USGS-31	64:52 N 147:48 W	fb	ECE
1990	80	USGS-75	64:52 N 147:48 W	fb	ECE
3440	60	USGS-76-b	64:52 N 147:48 W	fb	ECE
1380	50	USGS-77	64:52 N 147:48 W	fb	ECE
3090	170	USGS-78	64:52 N 147:48 W	fb	ECE
>42600		USGS-175	64:21 N 147:18 W	fb	ECE
>33000		USGS-176	64:21 N 145:57 W	fb	ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
45800	4500/3400	USGS-209	64:04 N 147:22 W	fb	ECE
300	40	USGS-219	64:52 N 147:48 W	fb	ECE
320	60	USGS-335	64:52 N 147:48 W	fb	ECE
1600	65	USGS-985	64:52 N 147:48 W	fb	ECE
5780	70	USGS-986	64:52 N 147:48 W	fb	ECE
5800	70	USGS-987	64:52 N 147:48 W	fb	ECE
1080	55	USGS-988	64:52 N 147:48 W	fb	ECE
>38000		Gx-252	64:51 N 148:01 W	fb:d2	ECE
14300	1200	Gx-253	64:51 N 148:01 W	fb:d2	ECE
>39000		Gx-360	64:56 N 147:40 W	fb:d2	ECE
11400	450	I-1369	64:57 N 147:37 W	fb:d2	ECE
11000	280	I-1370	64:57 N 147:37 W	fb:d2	ECE
33700	2500/1900	I-1841	64:57 N 147:37 W	fb:d2	ECE
31400	2900/2100	I-1842	64:57 N 147:37 W	fb:d2	ECE
32300	2000/1600	I-1843	64:57 N 147:37 W	fb:d2	ECE
6970	135	I-2118	64:57 N 147:37 W	fb:d2	ECE
8460	250	I-2119	64:57 N 147:37 W	fb:d2	ECE
2510	570	I-2120	64:57 N 147:37 W	fb:d2	ECE
30700	2100/1600	I-2121	64:57 N 147:37 W	fb:d2	ECE
13470	472	I-2196		fb:d2	ECE
14280	230	I-2197		fb:d2	ECE
9200	160	I-3006		fb:d2	ECE
11500	190	I-3007		fb:d2	ECE
34900	2950/2220	I-3083	64:53 N 147:39 W	fb:d2	ECE
6910	140	I-3624	64:53 N 147:39 W	fb:d2	ECE
7810	160	I-3625	64:53 N 147:39 W	fb:d2	ECE
5600	110	I-3626	64:53 N 147:39 W	fb:d2	ECE
4510	120	I-3627	64:53 N 147:39 W	fb:d2	ECE
360	95	I-3879		fb:d2	ECE
33200	1900	I-4493		fb:d2	ECE
33750	2000	I-4494		fb:d2	ECE
>39900		I-4588		fb:d2	ECE
7840	280	I-4774		fb:d2	ECE
>31900		I-4775		fb:d2	ECE
>24000		L-137-p	64:57 N 147:38 W	fb:d2	ECE
4020	200	W-183		fb:d2	ECE
>35000		W-475		fb:d2	ECE
>35000		W-476		fb:d2	ECE
5940	250	W-859	64:55 N 148:00 W	fb:d2	ECE
>25000		A-912-a	64:51 N 148:01 W	fb:d3	ECE
>25000		A-921-a	64:51 N 148:01 W	fb:d3	ECE
>25000		A-921-b	64:51 N 148:01 W	fb:d3	ECE
>25000		A-922-a	64:51 N 148:01 W	fb:d3	ECE
>25000		A-922-b	64:51 N 148:01 W	fb:d3	ECE
15700	1700	A-923-a	64:51 N 148:01 W	fb:d3	ECE
>20000		A-923-b	64:51 N 148:01 W	fb:d3	ECE
>25000		A-924	64:51 N 148:01 W	fb:d3	ECE
<20000		C-299	64:51 N 147:59 W	fb:d3	ECE
>56900		Hv1320		fb:d3	ECE
24400	650	I-2116	64:51 N 147:59 W	fb:d3	ECE
24070		I-9322	64:51 N 148:02 W	fb:d3	ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>35000		I-9372	64:51 N 147:59 W	fb:d3	ECE
9470	180	IVIC-151	64:51 N 148:02 W	fb:d3	ECE
3750	200	L-117-h	64:51 N 147:59 W	fb:d3	ECE
10500	500	L-137-s	64:51 N 148:00 W	fb:d3	ECE
>28000		L-137-x	64:15 N 147:59 W	fb:d3	ECE
>23000		L-157-a	64:51 N 147:59 W	fb:d3	ECE
>30000		L-163-j		fb:d3	ECE
10000	500	L-1375	64:51 N 147:59 W	fb:d3	ECE
18300	2000	M-37	64:51 N 147:59 W	fb:d3	ECE
11000	350	PIC-2	64:51 N 148:02 W	fb:d3	ECE
8900	200	PIC-3	64:51 N 148:02 W	fb:d3	ECE
10340	475	PIC-4	64:51 N 148:02 W	fb:d3	ECE
8080	165	PIC-5	64:51 N 148:02 W	fb:d3	ECE
10450	150	PIC-6	64:51 N 148:02 W	fb:d3	ECE
7530	265	PIC-11	64:51 N 148:02 W	fb:d3	ECE
7665	220	PIC-12	64:51 N 148:02 W	fb:d3	ECE
18250	1130	PIC-13	64:51 N 148:02 W	fb:d3	ECE
35475	3250	PIC-14	64:51 N 148:02 W	fb:d3	ECE
22680	300	SI-456	65:00 N 147:00 W	fb:d3	ECE
7740	170	Tx-157	64:51 N 148:02 W	fb:d3	ECE
9500	200	Tx-158-a	64:51 N 148:02 W	fb:d3	ECE
9320	160	Tx-158-b	64:51 N 148:02 W	fb:d3	ECE
8970	150	Tx-159	64:51 N 148:02 W	fb:d3	ECE
9240	400	Tx-160	64:51 N 148:02 W	fb:d3	ECE
23900	1000	W-435		fb:d3	ECE
5850	320	W-1304	62:05 N 145:57 W	fy	ECE
7280	140	I-2240	65:05 N 150:50 W	kh	ECE
2365	140	UGa-634	64:54 N 152:06 W	kh	ECE
>30000		AU-28	65:39 N 149:00 W	lg	ECE
5130	215	AU-101	65:03 N 147:31 W	lg	ECE
880	155	AU-102	65:03 N 147:31 W	lg	ECE
395	150	AU-104	65:03 N 147:31 W	lg	ECE
475	165	AU-105	65:03 N 147:31 W	lg	ECE
1294	136	AU-106	65:03 N 147:31 W	lg	ECE
>35500		R1-402		lg	ECE
12622	750	C-301	65:03 N 147:01 W	lg:al	ECE
13600	600	L-117-i	65:03 N 147:10 W	lg:al	ECE
16400	2000	M-38	65:00 N 147:30 W	lg:al	ECE
4200	200	L-117-g	65:28 N 148:21 W	lg:b3	ECE
7350	250	L-163-i	65:03 N 147:10 W	lg:al	ECE
21300	1300	L-601	65:03 N 147:10 W	lg:al	ECE
12460	320	SI-290	65:00 N 148:00 W	lg:al	ECE
22540	900	SI-292		lg:al	ECE
15380	300	SI-453	65:00 N 147:00 W	lg:al	ECE
17210	500	SI-454	65:00 N 147:00 W	lg:al	ECE
24140	2200	SI-455	65:00 N 147:00 W	lg:al	ECE
20445	885	SI-837	65:04 N 147:10 W	lg:al	ECE
17170	840	SI-838	65:04 N 147:10 W	lg:al	ECE
31980	4490	SI-843	65:04 N 147:10 W	lg:al	ECE
5340	110	SI-845	64:57 N 147:35 W	lg:al	ECE
11735	130	St-1631		lg:al	ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
11980	135	St-1633		lg:a1	ECE
6040	240	W-434	65:03 N 147:10 W	lg:a1	ECE
14760	850	Gx-250	65:05 N 147:45 W	lg:a2	ECE
8530	115	Gx-251	65:05 N 147:45 W	lg:a2	ECE
6570	300	Gx-2555	64:01 N 144:45 W	lg:a2	ECE
>25000		L-157-b	65:03 N 137:38 W	lg:a2	ECE
>30000		L-158-a	65:03 N 147:38 W	lg:a2	ECE
>30000		L-158-b	65:03 N 147:38 W	lg:a2	ECE
>30000		L-163-h	65:03 N 147:38 W	lg:a2	ECE
>40000		SI-291	65:00 N 147:30 W	lg:a2	ECE
21065	1365	SI-839	64:49 N 148:01 W	lg:a2	ECE
>39000		SI-840	64:49 N 148:01 W	lg:a2	ECE
29295	2440	SI-842	64:49 N 148:01 W	lg:a2	ECE
>35000		SI-844	65:06 N 147:41 W	lg:a2	ECE
25090	1070	SI-850	65:05 N 147:20 W	lg:a2	ECE
32700	980	St-1632		lg:a2	ECE
31400	2040/1815	St-1721		lg:a2	ECE
14510	450	W-2703	65:05 N 147:45 W	lg:a2	ECE
5110	70	P-1927	60:07 N 158:17 W	ta	ECE
3000	120	I-274	63:07 N 142:39 W	tc	ECE
5300	250	I-277	63:13 N 142:16 W	tc	ECE
850	90	I-278	63:13 N 142:16 W	tc	ECE
770	40	P-1832	63:28 N 143:26 W	tc	ECE
390	50	P-1833	63:28 N 143:26 W	tc	ECE
2420		P-1834	63:28 N 143:26 W	tc	ECE
>42000		W-976	63:10 N 142:06 W	tc	ECE
6200	300	W-1167	63:10 N 142:06 W	tc	ECE
>38000		W-1168	63:23 N 142:40 W	tc	ECE
6930	300	W-1170	63:23 N 142:41 W	tc	ECE
1550	300	W-1171	63:07 N 142:28 W	tc	ECE
6170	300	W-1173	63:07 N 142:34 W	tc	ECE
25800	800	W-1174	63:10 N 142:06 W	tc	ECE
1650	300	W-1175	63:10 N 142:07 W	tc	ECE
8200	300	W-1206	63:04 N 140:57 W	tc	ECE
1750	110	I-275		tc:a3	ECE
1520	100	I-276	63:13 N 142:16 W	tc:a3	ECE
11880	180	I-11074	63:09 N 142:06 W	tc:a3	ECE
12230	120	USGS-1037	63:09 N 142:06 W	tc:a3	ECE
2000	250	W-978	63:08 N 142:06 W	tc:a3	ECE
20350	2100	SI-1560	65:54 N 151:41 W	tn	ECE
>35000		W-732	65:13 N 150:12 W	tn	ECE
5380	260	W-979	63:10 N 142:06 W	tn	ECE
10230	300	W-980	63:05 N 141:59 W	tn	ECE
>40000		W-2554	65:32 N 150:20 W	tn	ECE
>42000		W-3001	65:33 N 151:56 W	tn	ECE
11750	250	I-441		tn:a1	ECE
4100	200	W-896	65:10 N 150:20 W	tn:a1	ECE
>39000		I-2248		tn:a2	ECE
18000	200	SI-841	65:00 N 149:00 W	tn:a2	ECE
6820	200	W-733	65:05 N 150:45 W	tn:a2	ECE
2520	200	W-891	65:10 N 150:20 W	tn:a2	ECE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>39000		W-895	65:10 N 150:20 W	tn:a2	ECE
200	200	W-937	65:05 N 150:20 W	tn:a2	ECE
<200		W-1106	61:05 N 150:53 W	tn:a2	ECE
6730	260	W-1108	65:05 N 150:53 W	tn:a2	ECE
<200		W-1111	65:05 N 150:53 W	tn:a2	ECE
>38000		W-1113	65:05 N 150:53 W	tn:a2	ECE

Southern region

Date	standard deviation	laboratory	latitude/ longitude	quad	region
5850	130	A-2147			SOU
250	90	A-2162			SOU
1900	100	A-2163			SOU
28750	400	A-2269			SOU
18260	120	A-2270			SOU
13580	90	B-4773			SOU
9250	120	B-4775			SOU
3130	90	Beta-5993			SOU
3130	90	Beta-5994			SOU
6240	80	Beta-5995			SOU
6230	100	Beta-5996			SOU
5120	110	Beta-5997			SOU
5250	110	Beta-5998			SOU
26770	490/520	DIC-2124			SOU
25750	910/1040	DIC-2125			SOU
9155	215	Gx-5019			SOU
3605	145	Gx-5771			SOU
19720	460	Gx-6041			SOU
12340	205	Gx-6284			SOU
3560	160	Gx-6998			SOU
3450	140	Gx-6999			SOU
3295	135	Gx-7000			SOU
2955	130	Gx-7001			SOU
12240	180	I-10532			SOU
9860	140	I-10535			SOU
10370	150	I-10536			SOU
>40000		I-10679			SOU
13500	420	I-10698			SOU
2170	80	I-11126			SOU
5570	110	I-11130			SOU
3490	95	I-11171			SOU
5950	105	I-11377			SOU
8480	135	I-11397			SOU
3980	105	I-11497			SOU
530	75	I-11498			SOU
2245	85	I-11499			SOU
7440	120	I-11649			SOU
8070	130	I-11650			SOU
2290	80	I-11907			SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
>40000		I-11949			SOU
>40000		I-11950			SOU
4360	100	I-12212			SOU
4730	100	I-12213			SOU
7400	120	I-12215			SOU
7560	120	I-12216			SOU
10460	150	I-12217			SOU
3740	130	I-12248			SOU
525	115	I-12249			SOU
1860	80	I-12250			SOU
4120	190	I-12274			SOU
3670	160	I-12275			SOU
3530	100	I-12276			SOU
1720	90	I-12277			SOU
8810	100	I-13352			SOU
3880	100	I-13353			SOU
3460	110	I-13354			SOU
3500	90	I-13356			SOU
3520	90	I-13357			SOU
10140	140	I-13378			SOU
9830	140	I-13379			SOU
10550	160	I-13397			SOU
7060	120	I-13398			SOU
7000	275	L-462			SOU
13500	100	Q1-1365			SOU
49100	1100/1000	Q1-1366			SOU
24900	200	Q1-1369			SOU
43600	700	Q1-1370			SOU
60600	4900/3000	Q1-1371			SOU
>40000		W-4453			SOU
9950		W-5656			SOU
10260		W-5657			SOU
650	70	WSU-1887			SOU
12250	140	Beta-5580		an	SOU
11450	150	Beta-5581		an	SOU
790	120	Gx-4409		an	SOU
180		I-9277		an	SOU
3280	90	I-11706		an	SOU
3270	90	I-11717		an	SOU
3205	110	I-11718		an	SOU
1595	75	I-11767		an	SOU
2350	125	I-12008		an	SOU
350	80	I-12027		an	SOU
>40000		I-12029		an	SOU
5340	300	L-101-a	61:13 N 149:54 W	an	SOU
14300	600	L-101-b	61:20 N 149:40 W	an	SOU
19100	900	L-117-a	61:23 N 149:32 W	an	SOU
<300		L-163-g	60:42 N 149:02 W	an	SOU
6605	115	UGa-949	61:50 N 148:14 W	an	SOU
2930	370	UGa-973	61:50 N 148:14 W	an	SOU
<100		USGS-331		an	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
180	45	USGS-332		an	SOU
1825	45	USGS-1570		an	SOU
1040	90	USGS-1571		an	SOU
420	110	USGS-1572		an	SOU
3040	50	USGS-1573		an	SOU
1190	140	USGS-1574		an	SOU
>32000		W-77	61:22 N 149:31 W	an	SOU
>38000		W-174		an	SOU
510	250	W-175		an	SOU
2800	180	W-299		an	SOU
>38000		W-535	61:19 N 149:39 W	an	SOU
3620	250	W-573	61:48 N 147:37 W	an	SOU
>40000		W-644	61:24 N 149:50 W	an	SOU
<200		W-1313	61:00 N 148:30 W	an	SOU
<200		W-1314	61:00 N 148:30 W	an	SOU
<200		W-1315	61:00 N 148:30 W	an	SOU
3555	250	W-1803	61:06 N 149:52 W	an	SOU
34000	2000	W-1804	61:05 N 149:50 W	an	SOU
>38000		W-1806	61:18 N 149:34 W	an	SOU
5960	250	W-1807	61:08 N 149:42 W	an	SOU
7890	250	W-2152	61:05 N 149:50 W	an	SOU
8290	250	W-2306		an	SOU
>40000		W-2366	61:23 N 149:50 W	an	SOU
14300	350	W-2367	61:14 N 149:58 W	an	SOU
14900	350	W-2369	61:11 N 149:59 W	an	SOU
11690	300	W-2375	61:15 N 149:55 W	an	SOU
13750	500	W-2389	61:15 N 149:55 W	an	SOU
1860	250	W-2390		an	SOU
13900	400	W-2919		an	SOU
14350	200	W-4292	61:12 N 150:56 W	an	SOU
13690	400	W-2151	61:11 N 149:59 W	an:a8	SOU
260	250	W-2169	61:16 N 148:36 W	an:b5	SOU
3900	250	W-2153	61:17 N 149:31 W	an:b7	SOU
>45000		W-2154	61:22 N 149:31 W	an:b7	SOU
12210	120	Beta-11174	61:47 N 147:47 W	an:d3	SOU
1300	80	I-13046	61:47 N 147:48 W	an:d3	SOU
1300	80	I-13046	61:47 N 147:48 W	an:d3	SOU
1300	80	I-13046	61:47 N 147:48 W	an:d3	SOU
6650	120	I-14019	61:47 N 147:47 W	an:d3	SOU
8950	150	I-14096	61:47 N 147:46 W	an:d3	SOU
6650	120	I-14096	61:47 N 147:47 W	an:d3	SOU
13100	80	USGS-2175	61:47 N 147:47 W	an:d3	SOU
5060	85	USGS-2176	61:47 N 147:47 W	an:d3	SOU
8000	300	W-431	61:47 N 147:47 W	an:d3	SOU
10820	420	I-10-AGS	60:01 N 141:57 W	bg	SOU
0		UW-267	60:09 N 141:27 W	bg	SOU
1050	160	W-369	60:00 N 141:56 W	bg	SOU
560	200	W-1590	59:53 N 147:46 W	bs	SOU
10390	350	I-5-AGS	60:27 N 145:17 W	cv	SOU
7650	330	I-6-AGS	60:12 N 144:32 W	cv	SOU
3770	200	I-7-AGS	60:12 N 144:32 W	cv	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
6810	375	I-8-AGS	60:21 N 144:34 W	cv	SOU
9510	475	I-9-AGS	60:19 N 144:20 W	cv	SOU
700	130	LJ-938	60:17 N 144:43 W	cv	SOU
725	130	LJ-939	60:26 N 144:17 W	cv	SOU
0	100	LJ-942	60:28 N 146:22 W	cv	SOU
1360	150	LJ-943	60:29 N 145:41 W	cv	SOU
550	120	LJ-944	60:25 N 145:24 W	cv	SOU
380	120	LJ-945	60:23 N 145:45 W	cv	SOU
700	150	LJGAP-32	60:26 N 145:26 W	cv	SOU
860	150	LJGAP-33	60:26 N 145:32 W	cv	SOU
1700	100	LJGAP-34	60:25 N 145:24 W	cv	SOU
2265	112	P-173	60:30 N 146:30 W	cv	SOU
1753	105	P-174	60:30 N 146:30 W	cv	SOU
1727	105	P-192	60:30 N 146:30 W	cv	SOU
1140	250	W-1592	60:58 N 146:59 W	cv	SOU
43400	240	GrN-4086	62:18 N 145:19 W	gu	SOU
>46000		GrN-4165	62:18 N 145:19 W	gu	SOU
>49000		GrN-4448	62:18 N 145:19 W	gu	SOU
>42000		GrN-4744	62:18 N 145:19 W	gu	SOU
58600	1100	GrN-4798	62:18 N 145:19 W	gu	SOU
1750	100	I-268	62:41 N 144:26 W	gu	SOU
4610	200	W-297	62:35 N 144:36 W	gu	SOU
975	160	W-306	62:00 N 146:32 W	gu	SOU
>35000		W-377	62:18 N 145:19 W	gu	SOU
>38000		W-531	62:18 N 145:19 W	gu	SOU
13280	400	W-583	62:48 N 147:37 W	gu	SOU
850	200	W-592	62:34 N 144:40 W	gu	SOU
9400	300	W-714	62:18 N 145:18 W	gu	SOU
6910	250	W-717	62:05 N 145:57 W	gu	SOU
8720	300	W-806	62:36 N 145:52 W	gu	SOU
8000	300	W-809	62:36 N 145:52 W	gu	SOU
31300	1000	W-843	62:16 N 144:58 W	gu	SOU
11390	300	W-848	62:47 N 145:37 W	gu	SOU
4960	300	W-967	62:47 N 146:04 W	gu	SOU
>38000		W-969	62:59 N 145:20 W	gu	SOU
6960	290	W-985	62:23 N 145:22 W	gu	SOU
17600	400	W-1134	62:42 N 143:59 W	gu	SOU
3500	300	W-1155	62:27 N 145:50 W	gu	SOU
7450	400	W-1163	62:37 N 144:40 W	gu	SOU
7880	400	W-1164	62:23 N 145:22 W	gu	SOU
1630	350	W-1165	62:18 N 145:18 W	gu	SOU
>38000		W-1337	62:35 N 145:50 W	gu	SOU
28300	1000	W-1343	62:16 N 144:58 W	gu	SOU
>38000		W-1424	62:30 N 145:12 W	gu	SOU
9055	160	AU-94	63:39 N 148:50 W	he	SOU
29450	610	Beta-1819	63:43 N 147:11 W	he	SOU
32000	2735	Beta-1820	63:43 N 147:11 W	he	SOU
11535	140	Beta-1821	63:43 N 147:11 W	he	SOU
24900	325	Beta-1822	63:38 N 147:22 W	he	SOU
24450	610	DIC-1819	63:43 N 147:11 W	he	SOU
3200	195	DIC-1860	63:43 N 147:11 W	he	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
21730	390	DIC-1861	63:43 N 147:11 W	he	SOU
31070	860	DIC-1862	63:43 N 147:11 W	he	SOU
10565	225	Gx-249	63:02 N 147:30 W	he	SOU
10040	435	Gx-5131	63:34 N 148:51 W	he	SOU
8690	330	Gx-5132	63:34 N 148:51 W	he	SOU
3675	160	Gx-5630		he	SOU
>37000		Gx-8058	63:38 N 147:22 W	he	SOU
3630	150	I-5710	63:40 N 149:45 W	he	SOU
4760	205	I-8263		he	SOU
5995	275	I-8264		he	SOU
19050	1500	SI-1544		he	SOU
10690	250	SI-1561		he	SOU
0		SI-1933-a		he	SOU
375	40	SI-1933-b		he	SOU
3655	60	SI-1934		he	SOU
10600	580	SI-1935-a		he	SOU
8355	190	SI-1935-b		he	SOU
6900	95	SI-1935-c		he	SOU
12080	1025	SI-1936		he	SOU
4670	95	SI-1937		he	SOU
23930	9300	SI-1938		he	SOU
3880	55	SI-1939		he	SOU
3035	55	SI-1940		he	SOU
960	65	SI-1941		he	SOU
8600	460	SI-2115		he	SOU
7985	105	SI-2328		he	SOU
9340	195	SI-2329		he	SOU
6270	110	SI-2331		he	SOU
3430	75	SI-2332		he	SOU
1145	60	SI-2333		he	SOU
11120	85	SI-2880		he	SOU
4915	80	SI-4233		he	SOU
11410	110	SI-4234		he	SOU
7370	85	SI-4499		he	SOU
10575	100	SI-4500		he	SOU
13560	115	SI-4501		he	SOU
3465	120	UGa-253	63:40 N 149:45 W	he	SOU
3820	115	UGa-527	63:40 N 149:45 W	he	SOU
5690	210	UGa-529	63:10 N 148:10 W	he	SOU
12300	120	USGS-161	63:35 N 149:31 W	he	SOU
1100	200	W-62		he	SOU
2030	400	W-569	63:01 N 147:18 W	he	SOU
3510	250	W-1086	63:03 N 147:23 W	he	SOU
8400	200	WSU-1700	63:34 N 148:51 W	he	SOU
5120	265	WSU-1727	63:34 N 148:51 W	he	SOU
3780	80	WSU-1747	63:34 N 148:51 W	he	SOU
3500	200	W-43		he:d4	SOU
325	40	UW-268	59:59 N 141:30 W	ib	SOU
0		UW-269	59:52 N 141:26 W	ib	SOU
1200	160	W-374		ib	SOU
390	160	W-376	59:59 N 143:53 W	ib	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
5120	220	W-462	59:59 N 143:53 W	ib	SOU
12010	350	W-3164		ib	SOU
4990	90	W-4195		ib	SOU
2450	80	W-4485		ib	SOU
1630	70	W-4510		ib	SOU
1210	70	W-4512		ib	SOU
30000	490	AU-36	60:31 N 151:13 W	kn	SOU
1151	125	Gx-5039		kn	SOU
190	80	I-12161	60:14 N 151:24 W	kn	SOU
240	70	I-12166	60:14 N 151:24 W	kn	SOU
200	70	I-12167	60:14 N 151:24 W	kn	SOU
360	80	I-12168	60:14 N 151:24 W	kn	SOU
15800	400	L-117-j	60:15 N 151:00 W	kn	SOU
400	150	L-117-k	60:04 N 150:30 W	kn	SOU
>44000		L-117-l	60:51 N 151:24 W	kn	SOU
>25000		L-117-m		kn	SOU
38000	400	L-117-n	60:46 N 151:16 W	kn	SOU
8200	900	L-117-o	64:47 N 151:12 W	kn	SOU
9500	650	L-137-c		kn	SOU
>24000		L-137-d		kn	SOU
450	200	L-137-e		kn	SOU
9600	650	L-137-i		kn	SOU
5810	500	L-137-t	59:59 N 151:04 W	kn	SOU
7310	600	L-137-u	59:46 N 151:51 W	kn	SOU
9010	750	L-137-w	59:38 N 151:30 W	kn	SOU
>39000	2000	L-163-a	60:47 N 151:23 W	kn	SOU
8650	450	L-163-b	60:47 N 151:12 W	kn	SOU
9200	600	L-163-d		kn	SOU
3550	170	L-163-e	60:47 N 151:12 W	kn	SOU
3950	250	L-163-f	60:47 N 151:12 W	kn	SOU
6800	550	L-237-f		kn	SOU
4500	450	L-237-g		kn	SOU
3700	150	L-434	60:47 N 151:12 W	kn	SOU
8200	900	L-1170	60:47 N 151:12 W	kn	SOU
6040	80	USGS-316	60:29 N 150:22 W	kn	SOU
10380	80	USGS-317	60:29 N 150:22 W	kn	SOU
2730	40	USGS-431	60:29 N 150:22 W	kn	SOU
>32000		W-76	60:00 N 150:50 W	kn	SOU
>37000		W-294	60:37 N 151:20 W	kn	SOU
13500	400	W-748	60:37 N 151:21 W	kn	SOU
13730	110	W-4827	60:29 N 150:22 W	kn	SOU
1495	70	WSU-1888		kn	SOU
11250	250	I-302	61:01 N 141:55 W	mc	SOU
1175	90	I-6091	61:37 N 141:09 W	mc	SOU
10980	150	I-6092	61:45 N 141:35 W	mc	SOU
1785	90	I-6094	61:42 N 141:45 W	mc	SOU
480	90	I-6096	61:37 N 141:05 W	mc	SOU
700	90	I-6229	61:36 N 141:19 W	mc	SOU
1920	95	I-6230	61:46 N 141:34 W	mc	SOU
1255	90	I-6231	61:37 N 141:04 W	mc	SOU
<180		I-6232	61:41 N 141:50 W	mc	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
1415	90	I-6234	61:35 N 141:18 W	mc	SOU
2295	90	I-6315	61:35 N 141:18 W	mc	SOU
3580	95	I-6414	61:35 N 141:18 W	mc	SOU
1630	90	I-6415	61:35 N 141:18 W	mc	SOU
1825	90	I-6464	61:43 N 141:19 W	mc	SOU
1260	90	I-6465	61:36 N 141:19 W	mc	SOU
2005	90	I-6466	61:36 N 141:19 W	mc	SOU
1865	120	I-6467	61:44 N 142:19 W	mc	SOU
635	90	I-6489		mc	SOU
3030	90	I-6490	61:37 N 142:00 W	mc	SOU
2780	90	I-6490-c	61:37 N 135:00 W	mc	SOU
11100	120	SI-1103		mc	SOU
1420	280	W-1156	61:34 N 143:48 W	mc	SOU
4300	300	W-1159	61:23 N 143:57 W	mc	SOU
3890	300	W-1246	61:34 N 143:48 W	mc	SOU
7010	350	W-1247	61:34 N 143:48 W	mc	SOU
5250	300	W-1326	61:24 N 143:38 W	mc	SOU
>38000		W-1390	61:19 N 143:04 W	mc	SOU
250	200	W-1488	61:27 N 142:57 W	mc	SOU
490	200	W-1522	61:27 N 142:53 W	mc	SOU
10900	160	Y-2301	61:45 N 141:36 W	mc	SOU
8020	120	Y-2302	61:45 N 141:36 W	mc	SOU
1990	80	Y-2303	61:45 N 141:36 W	mc	SOU
1850	80	Y-2304	61:45 N 141:36 W	mc	SOU
>47000		Y-2305	61:52 N 141:39 W	mc	SOU
11270	200	Y-2306	61:43 N 141:45 W	mc	SOU
8280	120	Y-2307	61:42 N 141:46 W	mc	SOU
>47000		Y-2308	61:47 N 141:44 W	mc	SOU
>47000		Y-2389	61:52 N 141:39 W	mc	SOU
1050	100	Y-2506	61:00 N 142:00 W	mc	SOU
7670	120	Y-2507	61:37 N 141:04 W	mc	SOU
2250	100	Y-2508	61:37 N 141:04 W	mc	SOU
200	200	W-1819	61:26 N 142:54 W	mc:b6	SOU
200	200	W-1820	61:30 N 142:54 W	mc:b6	SOU
4870	220	AU-32	63:05 N 144:39 W	mh	SOU
4530	95	AU-33	63:56 N 144:39 W	mh	SOU
3020	155	AU-34	63:57 N 144:39 W	mh	SOU
7670	190	AU-64	63:42 N 144:39 W	mh	SOU
1830	200	B-649		mh	SOU
1790	300	B-650		mh	SOU
4330	125	Beta-1726		mh	SOU
11520	130	DIC-315		mh	SOU
12030	170	DIC-316		mh	SOU
14800	650	Gx-2177		mh	SOU
8555	380	Gx-5998		mh	SOU
6675	175	Gx-6749		mh	SOU
2280	145	Gx-6750		mh	SOU
3980	150	Gx-6751		mh	SOU
7190	200	Gx-6752		mh	SOU
>37000		I-267	63:23 N 145:22 W	mh	SOU
5900	250	I-646	63:38 N 145:53 W	mh	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
2300	180	I-647	63:38 N 145:53 W	mh	SOU
800	125	I-648	63:14 N 145:29 W	mh	SOU
5080	130	I-4231		mh	SOU
1220	190	I-4232		mh	SOU
8810	200	I-4567		mh	SOU
4100	270	I-4592		mh	SOU
1730	185	I-8204	63:47 N 144:30 W	mh	SOU
2855	255	I-8205	63:47 N 144:30 W	mh	SOU
8410	140	I-8206	63:47 N 144:30 W	mh	SOU
7140	160	I-8207	63:47 N 144:30 W	mh	SOU
5700	260	I-11864		mh	SOU
5150	60	SI-2171	63:02 N 146:04 W	mh	SOU
5790	110	SI-2171-b2	63:02 N 146:04 W	mh	SOU
7010	150	T-303	63:45 N 144:15 W	mh	SOU
9100	80	UCLA-1858	63:02 N 146:04 W	mh	SOU
11800	750	UCLA-1859	63:02 N 146:04 W	mh	SOU
1050	90	UCLA-1875-a	63:01 N 146:03 W	mh	SOU
2095	225	UGa-519	63:01 N 146:03 W	mh	SOU
5480	300	UGa-530	63:03 N 146:03 W	mh	SOU
4160	175	UGa-531	63:03 N 146:03 W	mh	SOU
10150	280	UGa-572	63:02 N 140:04 W	mh	SOU
1380	125	UGa-914	63:01 N 146:03 W	mh	SOU
2025	225	UGa-915	63:01 N 146:03 W	mh	SOU
8155	265	UGa-927	63:02 N 146:04 W	mh	SOU
9060	425	UGa-941	63:01 N 146:03 W	mh	SOU
4310	150	UGa-950	63:01 N 146:03 W	mh	SOU
6435	390	UGa-974	63:02 N 146:04 W	mh	SOU
120	45	USGS-174	63:52 N 145:57 W	mh	SOU
4560	170	USGS-338	63:01 N 146:03 W	mh	SOU
2880	70	USGS-339	63:01 N 146:03 W	mh	SOU
<200		W-268	63:22 N 145:40 W	mh	SOU
9720	320	W-975	63:02 N 146:03 W	mh	SOU
1280	150	Gx-4951	63:38 N 145:53 W	mh:c4	SOU
3120	120	I-12109		mh:c4	SOU
<190		I-12110		mh:c4	SOU
<230		I-12111		mh:c4	SOU
4650	250	L-137-q		mh:c4	SOU
1950	150	L-163-k		mh:c4	SOU
5530	140	Gx-1969	64:01 N 144:45 W	mh:d2	SOU
515	110	Gx-1970	64:01 N 144:45 W	mh:d2	SOU
230	120	Gx-1971	64:01 N 144:45 W	mh:d2	SOU
1160	110	Gx-1972	64:01 N 144:45 W	mh:d2	SOU
1685	90	Gx-2025	64:01 N 144:45 W	mh:d2	SOU
760	80	Gx-2026	64:01 N 144:45 W	mh:d2	SOU
4350	140	I-12108		mh:d4	SOU
6400	300	LJGAP-28	59:54 N 145:44 W	mi	SOU
700	250	W-1202	59:28 N 146:19 W	mi	SOU
600	250	W-1205	59:27 N 146:18 W	mi	SOU
660	250	W-1259	59:26 N 146:20 W	mi	SOU
460	250	W-1261	59:26 N 146:20 W	mi	SOU
2390	200	W-1404	59:27 N 146:20 W	mi	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
4470	250	W-1405	59:26 N 146:22 W	mi	SOU
1150	500	W-1796	59:25 N 146:21 W	mi	SOU
4185	250	W-1797	59:26 N 146:19 W	mi	SOU
1150	120	Gx-2828		mm	SOU
6805	230	Gx-4230	63:55 N 152:13 W	mm	SOU
2280	170	Gx-4232	63:53 N 152:19 W	mm	SOU
1380	120	Gx-5129	63:53 N 152:19 W	mm	SOU
1140	120	Gx-5997	63:53 N 152:19 W	mm	SOU
640	95	I-2617	63:50 N 152:20 W	mm	SOU
17800	290	I-11228		mm	SOU
1140	120	RI-739	63:53 N 152:19 W	mm	SOU
1324	260	S-976	65:04 N 154:27 W	mm	SOU
2560	300	S-1040	63:31 N 151:07 W	mm	SOU
2250	120	S-1041	63:31 N 151:07 W	mm	SOU
9580	100	USGS-655		mm	SOU
19700	200	USGS-656		mm	SOU
10560	200	W-49		mm	SOU
9870	250	W-336	62:32 N 150:49 W	mm	SOU
11930	250	W-360	62:32 N 150:49 W	mm	SOU
370	120	SI-28	61:21 N 138:10 W	ms	SOU
>37000		GSC-1576	61:44 N 141:16 W	nb	SOU
7540	150	I-269	62:35 N 143:50 W	nb	SOU
1260	100	I-270	62:44 N 143:59 W	nb	SOU
2400	100	I-279	62:58 N 141:50 W	nb	SOU
1270	80	I-303	62:57 N 141:58 W	nb	SOU
8175	175	I-305	62:45 N 141:42 W	nb	SOU
>32000		I-364	62:52 N 143:40 W	nb	SOU
3300	200	W-53	62:42 N 143:57 W	nb	SOU
11440	400	W-429	62:42 N 143:57 W	nb	SOU
9240	300	W-487	62:42 N 143:57 W	nb	SOU
440	250	W-1075	62:56 N 143:25 W	nb	SOU
9650	370	W-1161	62:51 N 143:42 W	nb	SOU
>42000		W-1162	62:42 N 143:59 W	nb	SOU
2000	300	W-1169	62:33 N 142:23 W	nb	SOU
10150	400	W-1207	62:23 N 142:38 W	nb	SOU
3120	250	W-1209	62:41 N 141:07 W	nb	SOU
2560	250	W-1210	62:57 N 141:56 W	nb	SOU
12400	450	W-1212	62:56 N 141:33 W	nb	SOU
11190	300	W-1377	62:43 N 143:57 W	nb	SOU
>38000		W-1379	62:52 N 143:40 W	nb	SOU
11300	200	W-1524	62:56 N 143:26 W	nb	SOU
10300	200	W-1526	62:42 N 143:59 W	nb	SOU
570	250	W-2567		nb:c4	SOU
8370		W-2444		nb:c5	SOU
6930	250	W-1657	62:37 N 143:43 W	nb:c6	SOU
10730	300	W-2171	62:51 N 143:42 W	nb:d6	SOU
4610	250	W-2173	62:51 N 143:41 W	nb:d6	SOU
9940	350	I-4-AGS	64:41 N 147:54 W	sr	SOU
4290	570	USGS-73	60:49 N 148:59 W	sr	SOU
5740	190	USGS-126	60:49 N 148:59 W	sr	SOU
8230	100	USGS-127	60:49 N 148:59 W	sr	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
6490	220	USGS-154	60:49 N 148:19 W	sr	SOU
7260	90	USGS-228	60:49 N 148:59 W	sr	SOU
2370	200	W-78	60:38 N 149:01 W	sr	SOU
930	200	W-1588	60:26 N 147:56 W	sr	SOU
3680	300	W-1589	60:43 N 147:52 W	sr	SOU
230	200	W-1591	60:04 N 147:51 W	sr	SOU
2250	300	L-137-k		sv	SOU
1369	102	P-138	59:27 N 151:44 W	sv	SOU
2706	118	P-139	59:27 N 151:44 W	sv	SOU
1750	70	S-1042	59:44 N 151:05 W	sv	SOU
1750	130	S-1043	59:44 N 151:05 W	sv	SOU
1560	80	S-1054	59:44 N 151:05 W	sv	SOU
1630	70	S-1055	59:44 N 151:05 W	sv	SOU
2310	70	S-1062	59:44 N 151:02 W	sv	SOU
1705	70	S-1063	59:44 N 151:02 W	sv	SOU
1090	195	UGa-2339	59:27 N 151:44 W	sv	SOU
1130	120	UGa-2340	59:27 N 151:44 W	sv	SOU
1315	205	UGa-2341	59:27 N 151:44 W	sv	SOU
1940	90	UGa-2342	59:44 N 151:03 W	sv	SOU
2740	75	UGa-2343	59:44 N 151:03 W	sv	SOU
1475	75	UGa-2344	59:55 N 151:03 W	sv	SOU
1385	200	W-318		sv	SOU
12900	300	W-416		sv	SOU
10370	350	W-474		sv	SOU
2690	70	Beta-7301		tk	SOU
5310	140	Beta-7302		tk	SOU
6970	210	Beta-7304		tk	SOU
7240	110	Beta-7306		tk	SOU
3290	130	Beta-7686		tk	SOU
840	60	Beta-7692		tk	SOU
1060	70	Beta-7693		tk	SOU
5230	140	Beta-7695		tk	SOU
4570	100	Beta-7844		tk	SOU
1260	80	Beta-7845		tk	SOU
5780	100	Beta-7847		tk	SOU
1880	50	Beta-9892		tk	SOU
1670	50	Beta-9898		tk	SOU
1530	80	Beta-10125		tk	SOU
1240	60	Beta-10785		tk	SOU
1770	190	Beta-10791		tk	SOU
3410	80	Beta-10794		tk	SOU
30700	260	DIC-1859		tk	SOU
140	45	DIC-2244		tk	SOU
4020	65	DIC-2283		tk	SOU
3210	80	DIC-2286		tk	SOU
520	80	ISGS-296	62:47 N 147:05 W	tk	SOU
350	80	ISGS-312	62:47 N 147:05 W	tk	SOU
>35000		W-357	62:15 N 147:59 W	tk	SOU
2000	200	W-674	62:54 N 147:07 W	tk	SOU
470	90	SI-852	61:00 N 150:00 W	ty	SOU
9300	250	W-536	61:07 N 150:16 W	ty	SOU

Date	standard deviation	laboratory	latitude/ longitude	quad	region
11600	300	W-540	61:12 N 150:00 W	ty	SOU
620	200	W-541	61:08 N 150:13 W	ty	SOU
8420	300	W-602	61:02 N 150:21 W	ty	SOU
8640	280	W-603	61:02 N 150:21 W	ty	SOU
1530	200	W-838	61:02 N 150:21 W	ty	SOU
16340	140	W-4937	60:27 N 151:17 W	ty	SOU
13820	170	I-13072	61:12 N 151:21 W	ty:a4	SOU
>29000		I-271	61:57 N 145:19 W	va	SOU
8480	150	I-272	61:29 N 144:28 W	va	SOU
30670	1050	I-11380	61:49 N 145:04 W	va	SOU
600	240	L-237-b	61:57 N 146:57 W	va	SOU
950	200	L-237-b	61:57 N 146:57 W	va	SOU
900	300	L-237-b	61:57 N 146:57 W	va	SOU
8450	200	L-368	61:57 N 146:57 W	va	SOU
>38000		W-295		va	SOU
>37000		W-307	61:55 N 145:20 W	va	SOU
>35000		W-373	61:19 N 145:40 W	va	SOU
2500	200	W-378	61:52 N 146:19 W	va	SOU
480	160	W-433	61:55 N 145:20 W	va	SOU
9000	400	W-568	61:56 N 144:55 W	va	SOU
4200	200	W-715	61:58 N 146:45 W	va	SOU
<200		W-766	61:26 N 145:07 W	va	SOU
10250	250	W-767	61:59 N 146:56 W	va	SOU
2230	250	W-830	61:31 N 145:14 W	va	SOU
>38000		W-842	61:29 N 146:40 W	va	SOU
6330	240	W-844	61:34 N 144:23 W	va	SOU
<200		W-846	61:42 N 145:01 W	va	SOU
<200		W-854	61:26 N 145:07 W	va	SOU
5160	300	W-968	61:31 N 144:10 W	va	SOU
>40000		W-977	61:31 N 144:23 W	va	SOU
4170	250	W-1089	61:55 N 145:20 W	va	SOU
200		W-1157	61:42 N 144:17 W	va	SOU
9520	350	W-1654		va	SOU
>40000		I-13645	59:29 N 146:56 W	va:d8	SOU
270	70	Beta-3628	57:17 N 138:56 W	ya	SOU
830	160	W-559	59:29 N 139:55 W	ya	SOU
500	250	W-2167	59:27 N 139:37 W	ya	SOU
2180	250	W-2598	59:27 N 139:37 W	ya	SOU

Southwestern region

Date	standard deviation	laboratory	latitude/ longitude	quad	region
2145	120	I-3144			SWE
>30000		L-137-i			SWE
12550	110	Tx-4047			SWE
1650	400	L-112-d	51:56 N 176:34 W	ad	SWE
1950	250	L-112-d	51:56 N 176:34 W	ad	SWE
1900	300	L-112-d-avg	51:56 N 176:34 W	ad	SWE
4620	100	L-112-e	51:56 N 176:34 W	ad	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
4610	160	L-112-e	51:56 N 176:34 W	ad	SWE
4530	150	L-112-e	51:56 N 176:34 W	ad	SWE
4580	90	L-112-e-avg	51:56 N 176:34 W	ad	SWE
3300	200	L-112-f	51:56 N 176:34 W	ad	SWE
5750	240	GaK-3801	58:05 N 152:40 W	af	SWE
4150	200	GaK-3802	58:05 N 152:40 W	af	SWE
3890	110	GaK-3803	58:05 N 152:40 W	af	SWE
4200	140	GaK-3804	58:05 N 152:40 W	af	SWE
9350	320	I-3-AGS	58:01 N 152:46 W	af	SWE
4480	160	S-1418	58:05 N 152:48 W	af	SWE
4480	130	S-1419	58:05 N 152:48 W	af	SWE
9355	300	Gx-7363	52:07 N 174:30 W	ak	SWE
8605	245	Gx-7377	52:07 N 174:30 W	ak	SWE
1750	100	L-112-g	52:55 N 172:44E	at	SWE
650	150	L-112-h	53:00 N 172:43E	at	SWE
2500	300	M-12	52:26 N 173:36E	at	SWE
>34000		W-1287	60:50 N 161:55 W	bh	SWE
1740	60	WSU-102	60:00 N 162:00 W	bh	SWE
1290	250	WSU-117	60:00 N 162:00 W	bh	SWE
230	40	WSU-119	60:00 N 162:00 W	bh	SWE
1330	60	WSU-123	60:00 N 161:00 W	bh	SWE
9660	615	Gx-2744		cb	SWE
8075	450	Gx-2745		cb	SWE
6700	330	Gx-2788		cb	SWE
10625	500	Gx-2789		cb	SWE
8425	350	Gx-2790		cb	SWE
1005	105	SI-916	55:10 N 162:58 W	cb	SWE
390	95	SI-917	55:10 N 162:58 W	cb	SWE
1235	105	SI-918	55:10 N 162:58 W	cb	SWE
905	50	SI-919	55:10 N 162:58 W	cb	SWE
925	95	SI-920	55:10 N 162:58 W	cb	SWE
760	90	SI-921	55:10 N 162:58 W	cb	SWE
680	95	I-3131	59:52 N 166:20 W	cm	SWE
1550	150	K-109-a	59:01 N 161:50 W	go	SWE
1440	170	K-109-b	59:01 N 161:14 W	go	SWE
15550		K-3542	59:01 N 161:50 W	go	SWE
11500	250	I-462	58:53 N 161:47 W	hg:d6	SWE
2350	95	I-4354	58:46 N 161:46 W	hg	SWE
1340	100	I-4355	58:46 N 161:46 W	hg	SWE
1850	100	I-4356	58:46 N 161:46 W	hg	SWE
8910	110	UW-56	58:53 N 161:47 W	hg:d6	SWE
>45000		UW-57	58:53 N 161:46 W	hg:d6	SWE
12830	160	UW-70	58:52 N 161:46 W	hg:d6	SWE
12070	140	UW-71	58:52 N 161:46 W	hg:d6	SWE
455	75	UGa-3812	61:08 N 165:12 W	hp	SWE
5070	60	USGS-215	61:36 N 166:10 W	hp	SWE
1260	270	WSU-452	58:46 N 161:46 W	hg	SWE
1770	180	WSU-453	58:46 N 161:46 W	hg	SWE
2322	380	WSU-717	58:46 N 161:46 W	hg	SWE
900	370	WSU-718	58:46 N 161:46 W	hg	SWE
2200	400	WSU-721	58:26 N 161:46 W	hg	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
2173	382	WSU-722	58:46 N 161:46 W	hg	SWE
1100	100	WSU-1746	61:08 N 165:12 W	hp	SWE
410	60	WSU-1816	61:08 N 165:12 W	hp	SWE
1300	95	WSU-2162	61:08 N 165:12 W	hp	SWE
1004	123	WSU-2163	61:08 N 165:12 W	hp	SWE
530	100	WSU-2164	61:08 N 165:12 W	hp	SWE
615	80	WSU-2165	61:08 N 165:12 W	hp	SWE
530	80	WSU-2166	61:08 N 165:12 W	hp	SWE
670	125	WSU-2167	61:08 N 165:12 W	hp	SWE
600	100	Gx-5654		il	SWE
375	120	Gx-5655		il	SWE
300	130	Gx-5656		il	SWE
4190	155	Gx-5657		il	SWE
285	100	Gx-5658		il	SWE
4320	115	I-3176	59:45 N 154:00 W	il	SWE
8520	350	W-1479	59:23 N 155:56 W	il	SWE
1980	250	W-1481	59:23 N 155:56 W	il	SWE
400	200	W-1482	59:23 N 155:56 W	il	SWE
200	200	W-1483	59:23 N 155:56 W	il	SWE
2620	250	W-2123	59:04 N 154:00 W	il	SWE
2650	250	W-2132	59:04 N 154:00 W	il	SWE
5520	250	W-2147	59:30 N 155:00 W	il	SWE
1340	250	W-2148	59:47 N 154:07 W	il	SWE
0		W-2288	59:21 N 153:31 W	il	SWE
>37000		W-3252		il	SWE
2520	250	W-3285		il	SWE
1100	100	B-835	57:52 N 152:40 W	kd	SWE
600	100	B-836	57:52 N 152:40 W	kd	SWE
333	280	C-696		kd	SWE
6220	70	DIC-1236	57:53 N 153:20 W	kd	SWE
5503	78	P-1034	57:06 N 153:11 W	kd	SWE
3929	65	P-1036	57:06 N 153:11 W	kd	SWE
4698	71	P-1038	57:06 N 153:36 W	kd	SWE
3263	61	P-1039	57:01 N 153:36 W	kd	SWE
937	49	P-1041	57:01 N 153:36 W	kd	SWE
2028	55	P-1042	57:07 N 153:29 W	kd	SWE
1119	49	P-1043	57:07 N 153:29 W	kd	SWE
280	44	P-1044	57:01 N 153:36 W	kd	SWE
391	48	P-1045	57:01 N 153:36 W	kd	SWE
393	40	P-1047	57:02 N 153:19 W	kd	SWE
353	44	P-1048	57:02 N 153:19 W	kd	SWE
298	44	P-1049	57:02 N 152:22 W	kd	SWE
2033	52	P-1057	55:52 N 152:40 W	kd	SWE
5065	135	UGa-1931	57:53 N 153:20 W	kd	SWE
3130	85	UGa-2820	57:53 N 153:20 W	kd	SWE
3365	70	UGa-2822	57:53 N 153:20 W	kd	SWE
3180	50	USGS-108	57:45 N 151:08 W	kd	SWE
12760	300	AU-82	58:38 N 157:17 W	kn	SWE
3470	180	1-1-AGS	57:34 N 154:28 W	kr	SWE
8870	300	I-2-AGS	57:49 N 152:21 W	kr	SWE
1200	60	USGS-51	61:32 N 164:46 W	ma	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
0		USGS-52	61:36 N 166:10 W	ma	SWE
230	80	I-209	58:35 N 155:44 W	mk	SWE
1850	100	I-210	58:35 N 155:44 W	mk	SWE
775	95	I-505	58:19 N 154:01 W	mk	SWE
3125	200	I-517	58:35 N 155:44 W	mk	SWE
3250	200	I-518	58:35 N 155:44 W	mk	SWE
1200	170	I-519	58:35 N 155:44 W	mk	SWE
975	120	I-520	58:35 N 155:44 W	mk	SWE
1225	130	I-521	58:35 N 155:44 W	mk	SWE
1175	125	I-522	58:35 N 155:44 W	mk	SWE
480	90	I-523	58:35 N 155:44 W	mk	SWE
300	75	I-524	58:35 N 155:44 W	mk	SWE
680	90	I-525	58:35 N 155:44 W	mk	SWE
1230	150	I-526	58:35 N 155:44 W	mk	SWE
850	120	I-527	58:35 N 155:44 W	mk	SWE
4800	175	I-528	58:35 N 155:44 W	mk	SWE
5570	200	I-529	58:35 N 155:44 W	mk	SWE
3090	200	I-1157	58:35 N 155:44 W	mk	SWE
2110	350	I-1158	58:35 N 155:44 W	mk	SWE
3050	250	I-1159	58:35 N 155:44 W	mk	SWE
7360	250	I-1160	58:35 N 155:44 W	mk	SWE
7677	350	I-1627	58:19 N 154:10 W	mk	SWE
9100	220	I-1628	58:19 N 154:10 W	mk	SWE
3900	130	I-1629	58:35 N 155:44 W	mk	SWE
3840	130	I-1630	58:35 N 155:44 W	mk	SWE
1895	140	I-1631	58:35 N 155:44 W	mk	SWE
670	105	I-1632	58:35 N 155:44 W	mk	SWE
1790	130	I-1633	58:35 N 155:44 W	mk	SWE
4240	250	I-1634	58:35 N 155:44 W	mk	SWE
845	100	I-1635	58:35 N 154:44 W	mk	SWE
775	110	I-1636	58:19 N 154:10 W	mk	SWE
1450	130	I-1637	58:19 N 154:10 W	mk	SWE
1075	100	I-1638	58:19 N 154:10 W	mk	SWE
4100	160	I-1639	58:04 N 154:30 W	mk	SWE
5650	115	I-1940	58:04 N 154:30 W	mk	SWE
2910	105	I-1941	58:04 N 154:30 W	mk	SWE
1680	100	I-1942	58:04 N 154:30 W	mk	SWE
3470	110	I-1943	58:04 N 154:30 W	mk	SWE
1460	95	I-1944	58:19 N 154:10 W	mk	SWE
5830	120	I-1945	58:04 N 154:30 W	mk	SWE
4430	110	I-1946	58:35 N 155:44 W	mk	SWE
3450	110	I-1947	58:35 N 155:44 W	mk	SWE
2140	105	I-1948	58:35 N 155:44 W	mk	SWE
4360	115	I-3113	58:19 N 154:10 W	mk	SWE
390	120	I-3114	58:35 N 155:44 W	mk	SWE
3390	110	I-3115	58:35 N 155:44 W	mk	SWE
1690	110	I-3116	58:35 N 155:44 W	mk	SWE
2810	100	I-3733	58:04 N 154:30 W	mk	SWE
4530	110	I-4161	58:04 N 154:30 W	mk	SWE
3972	440	Y-930	58:40 N 155:44 W	mk	SWE
3860	90	Y-931	58:40 N 155:44 W	mk	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
450	60	Y-932	58:40 N 155:44 W	mk	SWE
>30000		AU-88	58:38 N 158:13 W	ng	SWE
100	50	WSU-121	58:35 N 161:45 W	ng	SWE
350	95	I-3132	60:18 N 166:58 W	ni	SWE
310	95	I-4485	60:15 N 166:08 W	ni	SWE
1925	95	I-4486	60:15 N 166:08 W	ni	SWE
670	95	I-4487	60:15 N 166:08 W	ni	SWE
2100	95	I-4488	60:15 N 166:08 W	ni	SWE
1360	95	I-5303	60:15 N 166:08 W	ni	SWE
955	90	I-5304	60:15 N 166:08 W	ni	SWE
1565	95	I-5508	60:15 N 166:08 W	ni	SWE
1750	95	I-5806	60:15 N 166:08 W	ni	SWE
1865	95	I-5807	60:15 N 166:08 W	ni	SWE
12420	400	AU-79	58:14 N 157:48 W	nk	SWE
>31000		AU-80	58:41 N 157:13 W	nk	SWE
7600	100	AU-81	58:38 N 157:17 W	nk	SWE
>33000		AU-83	58:38 N 157:17 W	nk	SWE
>33000		AU-84	58:38 N 157:17 W	nk	SWE
6330	150	AU-86	58:38 N 157:17 W	nk	SWE
>29000		AU-87	58:38 N 157:17 W	nk	SWE
>30000		AU-89	58:37 N 157:13 W	nk	SWE
3450	200	I-506	58:44 N 157:02 W	nk	SWE
150	75	I-507	58:42 N 156:42 W	nk	SWE
1900	150	I-508	58:42 N 156:42 W	nk	SWE
>30000		L-13-j	58:43 N 157:02 W	nk	SWE
1965	75	SI-1849		nk	SWE
2555	80	SI-1850		nk	SWE
3090	85	SI-1851		nk	SWE
2955	75	SI-1852		nk	SWE
355	85	SI-1853		nk	SWE
4690	95	SI-1854		nk	SWE
1685	70	SI-1855		nk	SWE
3610	85	SI-1856		nk	SWE
3100	105	SI-1857		nk	SWE
1435	70	SI-1858		nk	SWE
3470	65	SI-1859		nk	SWE
3280	60	SI-1860		nk	SWE
7710	95	SI-1955		nk	SWE
7895	90	SI-1956		nk	SWE
5015	70	SI-1957		nk	SWE
695	65	SI-2072		nk	SWE
1790	65	SI-2073		nk	SWE
1445	65	SI-2074		nk	SWE
880	65	SI-2075		nk	SWE
4845	120	Gx-6111		pi	SWE
6780	250	I-1136	56:36 N 169:35 W	pi	SWE
2980	125	I-1935	56:36 N 169:35 W	pi	SWE
2620	160	Y-1388	57:12 N 170:15 W	pi	SWE
3520	100	Y-1389	57:12 N 170:15 W	pi	SWE
9570	160	Y-1390	57:12 N 170:15 W	pi	SWE
17800	700	Y-1391	57:12 N 170:15 W	pi	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
5630	150	Y-1392	56:35 N 169:30 W	pi	SWE
5760	180	Y-1846	57:12 N 170:15 W	pi	SWE
7630	270	Y-1848	57:12 N 170:15 W	pi	SWE
9250	150	Y-1990	57:12 N 170:15 W	pi	SWE
1440	75	GaK-5414	55:52 N 160:30 W	pm	SWE
3430	95	GaK-5415	55:52 N 160:30 W	pm	SWE
3520	95	GaK-5416	55:52 N 160:30 W	pm	SWE
4990	120	GaK-5417	55:52 N 160:30 W	pm	SWE
2680	250	I-1507	55:52 N 160:30 W	pm	SWE
2960	320	I-1508	55:53 N 160:30 W	pm	SWE
2960	320	I-1580	55:52 N 160:30 W	pm	SWE
2960	320	I-1808	55:52 N 160:30 W	pm	SWE
410	75	N-3235	55:52 N 160:30 W	pm	SWE
2930	90	N-3236	55:52 N 160:30 W	pm	SWE
3890	120	N-3237	55:52 N 160:30 W	pm	SWE
4710	130	N-3238	55:52 N 160:30 W	pm	SWE
3030	90	N-3239	55:52 N 160:30 W	pm	SWE
3160	90	N-3240	55:52 N 160:30 W	pm	SWE
3540	120	N-3241	55:52 N 160:30 W	pm	SWE
3240	80	N-3242	55:52 N 160:30 W	pm	SWE
3270	100	N-3243	55:52 N 160:30 W	pm	SWE
3000	90	N-3244	55:52 N 160:30 W	pm	SWE
5560	100	N-3245	55:52 N 160:30 W	pm	SWE
3160	90	N-3246	55:52 N 160:30 W	pm	SWE
1390	70	Tk-124	55:52 N 160:30 W	pm	SWE
610	90	Tk-125	55:52 N 160:30 W	pm	SWE
9800	160	I-3902	51:26 N 179:15 E	ri	SWE
3330	100	I-3903	51:32 N 179:00 E	ri	SWE
6650	130	I-3904	51:32 N 179:00 E	ri	SWE
9200	130	I-3905	51:26 N 179:15 E	ri	SWE
6490	120	I-3906	51:32 N 179:00 E	ri	SWE
2550	95	I-4735	51:26 N 179:15 E	ri	SWE
890	90	I-4736	51:26 N 179:15 E	ri	SWE
1890	95	I-4737	51:26 N 179:15 E	ri	SWE
2245	95	I-4738	51:26 N 179:15 E	ri	SWE
2190	95	I-4739	51:26 N 179:15 E	ri	SWE
2055	95	I-4740	51:26 N 179:15 E	ri	SWE
100	100	M-690	51:41 N 178:02 E	ri	SWE
1740	250	W-2129	51:26 N 179:15 E	ri	SWE
1950	250	W-2130	51:26 N 149:15 E	ri	SWE
725	250	W-2131	51:26 N 179:15 E	ri	SWE
>38000		W-2250	51:26 N 179:15 E	ri	SWE
8500	25	W-2660	51:26 N 179:15 E	ri	SWE
8090	300	W-2849	51:26 N 179:15 E	ri	SWE
3407	520	C-409	52:55 N 168:55 W	sa	SWE
2920	240	C-409	52:55 N 168:55 W	sa	SWE
3018	230	C-409-avg	52:55 N 168:55 W	sa	SWE
4028	100	Gx-2156	52:55 N 168:55 W	sa	SWE
8055	160	Gx-2229	52:55 N 168:55 W	sa	SWE
8480	350	Gx-2230	52:55 N 168:55 W	sa	SWE
8290	240	Gx-2231	52:55 N 168:55 W	sa	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
6600	320	Gx-2232	52:55 N 168:55 W	sa	SWE
7070	240	Gx-2233	52:55 N 168:55 W	sa	SWE
7870	260	Gx-2234	52:55 N 168:55 W	sa	SWE
7120	240	Gx-2235	52:55 N 168:55 W	sa	SWE
7180	250	Gx-2237	52:55 N 168:55 W	sa	SWE
8060	240	Gx-2238	52:55 N 168:55 W	sa	SWE
8280	220	Gx-2239	52:55 N 168:55 W	sa	SWE
0	240	Gx-2240	52:55 N 168:55 W	sa	SWE
7175	240	Gx-2241	52:55 N 168:55 W	sa	SWE
7260	320	Gx-2243	52:55 N 168:55 W	sa	SWE
9805	480	Gx-2244	52:55 N 168:55 W	sa	SWE
7395	160	Gx-2246	52:55 N 168:55 W	sa	SWE
9685	280	Gx-2352	52:56 N 168:51 W	sa	SWE
9945	320	Gx-2353	52:56 N 168:51 W	sa	SWE
2000	120	Gx-2742	52:56 N 168:51 W	sa	SWE
3140	150	Gx-2743	52:56 N 168:51 W	sa	SWE
9185	700	Gx-2753	52:56 N 168:51 W	sa	SWE
8505	460	Gx-2754	52:56 N 168:51 W	sa	SWE
8260	460	Gx-2755	52:56 N 168:51 W	sa	SWE
2825	185	Gx-2756	52:56 N 168:51 W	sa	SWE
5370	240	Gx-2757	52:55 N 168:56 W	sa	SWE
8045	390	Gx-2758	52:55 N 168:56 W	sa	SWE
4295	200	Gx-2759	52:55 N 168:56 W	sa	SWE
4655	160	Gx-2760	52:55 N 168:56 W	sa	SWE
6265	285	Gx-2762	52:56 N 168:51 W	sa	SWE
5000	235	Gx-2763	52:56 N 168:51 W	sa	SWE
7950	430	Gx-2764	52:56 N 168:51 W	sa	SWE
4385	200	Gx-2794	52:55 N 168:56 W	sa	SWE
4205	180	Gx-2795	52:55 N 168:56 W	sa	SWE
3507	124	Gx-2798	52:55 N 168:55 W	sa	SWE
8435	500	Gx-2809	52:55 N 168:55 W	sa	SWE
2690	205	Gx-3858	52:56 N 168:51 W	sa	SWE
4625	290	Gx-3858-b	52:56 N 168:51 W	sa	SWE
2885	180	I-173	52:56 N 168:52 W	sa	SWE
3793	185	I-493	52:56 N 168:52 W	sa	SWE
8425	275	I-715	52:55 N 168:55 W	sa	SWE
7796	230	I-1046	52:55 N 168:55 W	sa	SWE
1660	300	M-91	53:00 N 169:43 W	sa	SWE
900	300	M-92	53:00 N 169:43 W	sa	SWE
4900	400	M-93	53:00 N 169:43 W	sa	SWE
980	250	M-94	53:00 N 169:43 W	sa	SWE
3460	132	P-766	52:56 N 168:52 W	sa	SWE
3674	55	P-1087	52:56 N 168:52 W	sa	SWE
7701	93	P-1102	52:55 N 168:55 W	sa	SWE
8173	87	P-1103	52:55 N 168:55 W	sa	SWE
8129	96	P-1104	52:55 N 168:55 W	sa	SWE
7932	497	P-1105	52:55 N 168:55 W	sa	SWE
7932	497	P-1106	52:55 N 168:55 W	sa	SWE
7657	95	P-1107	52:55 N 168:55 W	sa	SWE
7287	86	P-1108	52:55 N 168:55 W	sa	SWE
7000	90	P-1835	52:55 N 168:55 W	sa	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
6990	90	P-1836	52:55 N 168:55 W	sa	SWE
7790	110	P-1837	52:55 N 168:55 W	sa	SWE
7796	230	SI-1046	52:55 N 168:55 W	sa	SWE
4510	115	SI-2169	52:55 N 168:55 W	sa	SWE
5180	100	SI-2170	52:55 N 168:55 W	sa	SWE
4550	125	SI-2171-bl	52:55 N 168:55 W	sa	SWE
5340	80	SI-2172	52:55 N 168:55 W	sa	SWE
5750	65	SI-2173	52:55 N 168:55 W	sa	SWE
5920	80	SI-2174	52:55 N 168:55 W	sa	SWE
7920	100	SI-2175	52:55 N 168:55 W	sa	SWE
8390	95	SI-2176	52:55 N 168:55 W	sa	SWE
7360	100	SI-2177	52:55 N 168:55 W	sa	SWE
9055	95	SI-2178	52:55 N 168:55 W	sa	SWE
8235	125	SI-2179	52:55 N 168:55 W	sa	SWE
7600	100	SI-2180	52:55 N 168:55 W	sa	SWE
7885	355	SI-2181	52:55 N 168:55 W	sa	SWE
8140	485	SI-2182	52:55 N 168:55 W	sa	SWE
995	65	SI-2183	52:55 N 168:55 W	sa	SWE
7660	300	W-1180	52:55 N 168:55 W	sa	SWE
29500	340	USGS-158	63:53 N 163:01 W	sc	SWE
1930	70	USGS-217	63:23 N 164:31 W	sc	SWE
1040	200	W-2464	63:41 N 170:11 W	sc	SWE
10120	350	W-2686	63:42 N 163:03 W	sc	SWE
>39000		W-4379	63:28 N 162:10 W	sc	SWE
15610	220	W-4503	63:28 N 162:10 W	sc	SWE
7630	70	W-4506	63:28 N 162:10 W	sc	SWE
3200	150	L-117-b	59:40 N 151:26 W	su	SWE
>40000		I-13057	57:14 N 157:27 W	ug	SWE
>40000		I-13058	57:14 N 157:27 W	ug	SWE
12750	110	L-137-h	57:43 N 157:41 W	ug	SWE
7675	260	SI-1998		ug	SWE
335	60	SI-2076		ug	SWE
2110	95	SI-2078		ug	SWE
35700	3000	SI-2079		ug	SWE
8995	295	SI-2492		ug	SWE
6995	335	SI-2493		ug	SWE
5055	70	SI-2494		ug	SWE
3615	60	SI-2551		ug	SWE
3800	60	SI-2552		ug	SWE
4810	85	SI-2640		ug	SWE
8425	115	SI-2641		ug	SWE
1535	80	SI-2642		ug	SWE
4840	80	SI-2643		ug	SWE
3640	75	SI-2644		ug	SWE
1885	90	SI-2645		ug	SWE
1655	80	SI-2646		ug	SWE
930	75	SI-2649		ug	SWE
1055	60	SI-2650		ug	SWE
7050	320	Gx-2348	52:56 N 168:51 W	uk	SWE
7295	50	Gx-2349	52:56 N 168:51 W	uk	SWE
2745	200	Gx-2350	53:05 N 168:26 W	uk	SWE

Date	standard deviation	laboratory	latitude/ longitude	quad	region
3745	180	Gx-2351	53:06 N 168:26 W	uk	SWE
500	60	S-417	63:53 N 160:42 W	ul	SWE
280	60	S-418	63:53 N 160:42 W	ul	SWE
2100	100	S-419	63:53 N 160:42 W	ul	SWE
1350	500	W-2680	63:41 N 161:11 W	ul	SWE
570	65	SI-965	54:08 N 165:38 W	um	SWE
820	60	SI-966	54:08 N 165:38 W	um	SWE
1170	90	SI-967	54:08 N 165:38 W	um	SWE
3105	55	SI-968	54:08 N 165:38 W	um	SWE
9120	250	W-3424		um	SWE
1880	200	M-676	53:53 N 166:33 W	un	SWE
1450	200	M-677	53:53 N 166:33 W	un	SWE
1470	200	M-678	53:53 N 166:33 W	un	SWE
1100	250	M-681	53:53 N 166:33 W	un	SWE
1580	250	M-682	53:53 N 166:33 W	un	SWE
890	150	M-689	53:57 N 166:35 W	un	SWE
650	200	M-692	53:28 N 167:18 W	un	SWE
700	300	M-693	53:29 N 167:18 W	un	SWE

Southeastern region

Date	standard deviation	laboratory	latitude/ longitude	quad	region
10520	120	Beta-2316			SEA
29000	460	GSC-769			SEA
360	60	USGS-639		bc	SEA
500	45	SI-914	55:31 N 132:30 W	cr	SEA
35	135	SI-915	55:31 N 132:30 W	cr	SEA
4050	70	WSU-3234	55:45 N 133:30 W	cr	SEA
4060	115	WSU-3235	55:45 N 133:30 W	cr	SEA
3820	120	WSU-3236	55:45 N 133:30 W	cr	SEA
4150	80	WSU-3238	55:45 N 133:30 W	cr	SEA
9410	130	WSU-3239	55:45 N 133:30 W	cr	SEA
3165	60	WSU-3240	55:45 N 133:30 W	cr	SEA
8220	125	WSU-3241	55:45 N 133:30 W	cr	SEA
7360	270	WSU-3242	55:45 N 133:30 W	cr	SEA
8180	130	WSU-3243	55:45 N 133:30 W	cr	SEA
5240	90	WSU-3244	55:45 N 133:30 W	cr	SEA
5140	90	WSU-3245	55:45 N 133:30 W	cr	SEA
1195	150	AU-100	58:25 N 134:38 W	ju	SEA
7810	120	AU-108	58:20 N 134:30 W	ju	SEA
3175	220	I-86-OSU	58:37 N 136:31 W	ju	SEA
1690	100	I-2300	58:53 N 135:53 W	ju	SEA
11170	225	I-2396	58:53 N 135:47 W	ju	SEA
3850	110	I-3068	58:55 N 135:50 W	ju	SEA
1770	100	I-3069	58:55 N 135:50 W	ju	SEA
1750	100	I-3150	58:51 N 135:52 W	ju	SEA
1535	100	I-3151	58:56 N 135:56 W	ju	SEA
9130	130	I-6304	58:14 N 135:15 W	ju	SEA
3750	100	I-6393	58:14 N 135:15 W	ju	SEA

Date	standard deviation	laboratory	latitude/ longitude	quad	region
345	85	I-6394	58:14 N 135:15 W	ju	SEA
8230	130	I-6395	58:14 N 135:15 W	ju	SEA
29700		I-7054	58:14 N 135:15 W	ju	SEA
1525	85	I-7055	58:14 N 135:15 W	ju	SEA
4155	95	I-7056	58:14 N 135:15 W	ju	SEA
8800	125	I-7057	58:14 N 135:14 W	ju	SEA
7545		I-7058	58:14 N 135:15 W	ju	SEA
3500	250	L-106-b	58:22 N 134:22 W	ju	SEA
1790	285	L-106-c	58:25 N 134:35 W	ju	SEA
10300	600	L-297-a	58:23 N 134:25 W	ju	SEA
6100	300	L-297-b	58:21 N 134:31 W	ju	SEA
10300	400	L-297-d		ju	SEA
6650	250	L-297-e	58:22 N 134:36 W	ju	SEA
7800	300	L-297-g	58:25 N 134:36 W	ju	SEA
1080	120	M-1886	58:26 N 134:02 W	ju	SEA
230	110	M-1921	58:24 N 134:35 W	ju	SEA
760	100	M-1922	58:55 N 135:25 W	ju	SEA
560	100	M-1923	58:55 N 135:25 W	ju	SEA
880	100	M-1924	58:55 N 135:25 W	ju	SEA
880	100	M-1925	58:55 N 135:25 W	ju	SEA
3900	170	M-1926	58:24 N 134:10 W	ju	SEA
1330	130	M-1975	58:15 N 134:10 W	ju	SEA
13420	130	SI-2082		ju	SEA
2190	70	SI-2086	58:14 N 135:15 W	ju	SEA
3390	70	SI-2089	58:14 N 135:15 W	ju	SEA
4745	85	SI-2090	58:14 N 135:15 W	ju	SEA
850	150	SI-2091		ju	SEA
3195	100	SI-2092	58:14 N 135:15 W	ju	SEA
570	90	SI-2093	58:14 N 135:15 W	ju	SEA
905	95	SI-2094	58:14 N 135:15 W	ju	SEA
4645	90	SI-2095	58:14 N 135:15 W	ju	SEA
1510	100	SI-2096	58:14 N 135:15 W	ju	SEA
455	85	SI-2097	58:14 N 135:15 W	ju	SEA
155	85	SI-2098	58:14 N 135:15 W	ju	SEA
135	50	SI-2101	58:14 N 135:15 W	ju	SEA
235	60	SI-2102	58:14 N 135:15 W	ju	SEA
930	70	SI-2103	58:14 N 135:15 W	ju	SEA
2575	75	SI-2104	58:14 N 135:15 W	ju	SEA
5300	90	SI-2105	58:14 N 135:15 W	ju	SEA
6755	110	SI-2106	58:14 N 135:15 W	ju	SEA
5770	95	SI-2107	58:14 N 135:15 W	ju	SEA
1960	65	SI-2108	58:14 N 135:15 W	ju	SEA
4180	65	SI-2109	58:14 N 135:15 W	ju	SEA
3670	80	SI-2111	58:14 N 135:15 W	ju	SEA
9220	80	SI-2112	58:14 N 135:15 W	ju	SEA
11630	145	SI-2113	58:14 N 135:15 W	ju	SEA
685	40	UW-14	58:33 N 136:43 W	ju	SEA
260	50	UW-15	58:34 N 136:40 W	ju	SEA
1380	100	UW-16	58:33 N 136:30 W	ju	SEA
3700	1000	UW-18	58:25 N 136:52 W	ju	SEA
433	80	UW-21	58:25 N 136:52 W	ju	SEA

Date	standard deviation	laboratory	latitude/ longitude	quad	region
4490	250	W-1828		ju	SEA
10880	340	W-1829	58:18 N 134:25 W	ju	SEA
5730	350	W-1949	58:16 N 134:13 W	ju	SEA
8380	400	W-2007		ju	SEA
3650	250	W-2029	58:16 N 134:24 W	ju	SEA
5640	280	W-2030	58:16 N 134:24 W	ju	SEA
6580	300	W-2031	58:16 N 134:24 W	ju	SEA
2630	600	W-2032	58:16 N 134:24 W	ju	SEA
8280	350	W-2258	58:23 N 134:37 W	ju	SEA
9070	350	W-2260	58:21 N 134:28 W	ju	SEA
10630	500	W-2263	58:23 N 134:37 W	ju	SEA
2780	200	W-2377	58:26 N 134:33 W	ju	SEA
2800	200	W-2379	58:26 N 134:33 W	ju	SEA
2740	200	W-2380	58:18 N 134:27 W	ju	SEA
7150	300	W-2384	58:21 N 134:32 W	ju	SEA
9800	300	W-2392	58:19 N 134:36 W	ju	SEA
9700	800	W-2393	58:17 N 134:26 W	ju	SEA
10760	500	W-2394	58:18 N 134:27 W	ju	SEA
9150	800	W-2395	58:18 N 134:27 W	ju	SEA
11920	1000	W-2396	58:20 N 134:26 W	ju	SEA
2080	250	W-2719	58:16 N 134:31 W	ju	SEA
<200		W-2720	58:18 N 134:24 W	ju	SEA
>39000		W-2721	58:25 N 134:37 W	ju	SEA
10180	800	WSU-412	58:18 N 134:25 W	ju	SEA
2300	445	WSU-421	58:18 N 134:25 W	ju	SEA
2240	450	WSU-422	58:18 N 134:25 W	ju	SEA
2790	130	Y-132-80	58:26 N 134:34e	ju	SEA
190	50	Y-132-83	58:27 N 135:55 W	ju	SEA
1090	60	Y-132-84	58:26 N 134:34 W	ju	SEA
0		Y-132-86	58:37 N 137:40 W	ju	SEA
3400	250	W-1955	58:14 N 134:49 W	ju:a3	SEA
10240	300	W-1826	58:23 N 134:37 W	ju:b2	SEA
10640	300	W-1827	58:23 N 134:37 W	ju:b2	SEA
7210	300	W-1832	58:21 N 134:38 W	ju:b2	SEA
9440	300	W-1835	58:21 N 134:31 W	ju:b2	SEA
12300	350	W-1839	58:22 N 134:40 W	ju:b2	SEA
860	250	W-1947	58:23 N 134:35 W	ju:b2	SEA
<200		W-1953	58:18 N 134:14 W	ju:b2	SEA
12730	500	W-1830	58:22 N 134:41 W	ju:b3	SEA
12880	500	W-1831	58:22 N 134:41 W	ju:b3	SEA
1560	95	I-2301	58:53 N 135:53 W	ju:d6	SEA
1980	100	I-2394	58:53 N 135:47 W	ju:d6	SEA
10940	155	I-2395	58:53 N 135:47 W	ju:d6	SEA
1700	100	I-2687	58:53 N 135:48 W	ju:d6	SEA
10300	400	L-207-d		ju:d6	SEA
8420	130	SI-905	55:36 N 131:35 W	kc	SEA
7230	115	SI-906	55:36 N 131:35 W	kc	SEA
575	80	SI-911	55:36 N 131:35 W	kc	SEA
995	80	SI-912	55:36 N 131:35 W	kc	SEA
1660	100	SI-913	55:36 N 131:35 W	kc	SEA
3170	90	B-2183		mf	SEA

Date	standard deviation	laboratory	latitude/ longitude	quad	region
2980	80	B-2184		mf	SEA
1630	80	B-2185		mf	SEA
5000	80	B-6776		mf	SEA
1780	60	B-6777		mf	SEA
1350	50	B-6778		mf	SEA
4430	60	B-6779		mf	SEA
12430	100	Beta-10647	58:26 N 137:10 W	mf	SEA
1435	45	DIC-284	58:23 N 136:44 W	mf	SEA
1740	100	DIC-285	58:25 N 136:54 W	mf	SEA
1585	85	DIC-286	58:25 N 136:58 W	mf	SEA
340	100	DIC-287	58:23 N 136:50 W	mf	SEA
1960	90	DIC-458	58:25 N 136:50 W	mf	SEA
1230	60	DIC-459	58:25 N 136:49 W	mf	SEA
2870	80	DIC-460	58:20 N 136:30 W	mf	SEA
1960	65	DIC-461	58:22 N 136:17 W	mf	SEA
1750	60	DIC-462	58:24 N 136:37 W	mf	SEA
1030	60	DIC-554	58:17 N 136:35 W	mf	SEA
1780	65	DIC-555	58:20 N 136:30 W	mf	SEA
300	105	DIC-556	58:23 N 136:46 W	mf	SEA
310	70	DIC-556	58:23 N 136:46 W	mf	SEA
13960	360	Gx-460	58:57 N 136:02 W	mf	SEA
2640	180	Gx-9895		mf	SEA
1890	150	Gx-9896		mf	SEA
1220	180	Gx-9897		mf	SEA
2370	180	Gx-9912		mf	SEA
1210	200	I-11-AGS	58:57 N 138:00 W	mf	SEA
8140	390	I-12-AGS	58:43 N 137:45 W	mf	SEA
6890	350	I-13-AGS	58:43 N 137:45 W	mf	SEA
2790	250	I-14-AGS	58:36 N 137:34 W	mf	SEA
6335	220	I-58-1	58:58 N 136:06 W	mf	SEA
7025	270	I-58-20	58:58 N 136:06 W	mf	SEA
7075	250	I-58-4	58:58 N 136:08 W	mf	SEA
2175	100	I-58-9	58:58 N 136:04 W	mf	SEA
2735	160	I-59-15	58:58 N 136:08 W	mf	SEA
4775	250	I-80-OSU	58:58 N 136:06 W	mf	SEA
6335	220	I-81-OSU	58:58 N 136:07 W	mf	SEA
5235	200	I-82-OSU	58:58 N 136:07 W	mf	SEA
4215	200	I-83-OSU	58:57 N 136:15 W	mf	SEA
7075	250	I-84-OSU	58:59 N 136:09 W	mf	SEA
1975	150	I-85-OSU	58:53 N 135:52 W	mf	SEA
1825	150	I-87-OSU	59:39 N 136:27 W	mf	SEA
2175	100	I-88-OSU	58:57 N 136:02 W	mf	SEA
4755	180	I-89-OSU	58:58 N 136:00 W	mf	SEA
1975	200	I-90-OSU	58:01 N 136:06 W	mf	SEA
7025	270	I-91-OSU	58:58 N 136:07 W	mf	SEA
2715	120	I-121-OSU	58:56 N 136:19 W	mf	SEA
2735	160	I-122-OSU	58:57 N 136:11 W	mf	SEA
3655	100	I-123-OSU	58:56 N 136:00 W	mf	SEA
4750	160	I-124-OSU	58:56 N 136:14 W	mf	SEA
3900	100	I-125-OSU	58:56 N 136:14 W	mf	SEA
3650	100	I-126-OSU	58:56 N 136:14 W	mf	SEA

Date	standard deviation	laboratory	latitude/ longitude	quad	region
1400	90	I-162-OSU	58:53 N 136:42 W	mf	SEA
6650	100	I-163-OSU	58:56 N 136:18 W	mf	SEA
3710	110	I-164-OSU	58:53 N 136:42 W	mf	SEA
0		I-438	58:36 N 137:39 W	mf	SEA
600	130	I-463		mf	SEA
6250	200	I-464		mf	SEA
2600	160	I-465		mf	SEA
1030	100	I-466		mf	SEA
1530	130	I-467		mf	SEA
7460	200	I-469		mf	SEA
8930	250	I-544		mf	SEA
1800	160	I-545		mf	SEA
3040	150	I-546		mf	SEA
9150	280	I-547		mf	SEA
1090	100	I-548		mf	SEA
2620	120	I-1302		mf	SEA
10000	220	I-1303	58:57 N 136:02 W	mf	SEA
1660	110	I-1304		mf	SEA
2620	120	I-1305		mf	SEA
1800	125	I-1314		mf	SEA
2120	115	I-1610	58:53 N 136:08 W	mf	SEA
2340	115	I-1612		mf	SEA
46400		I-1613	58:56 N 136:06 W	mf	SEA
18000		I-1614	58:57 N 136:02 W	mf	SEA
10400	260	I-1615	58:57 N 136:02 W	mf	SEA
45600		I-1616	58:56 N 136:06 W	mf	SEA
9510	280	I-1621		mf	SEA
2190	105	I-2302	58:57 N 136:02 W	mf	SEA
2390	110	I-3398	58:50 N 136:02 W	mf	SEA
2520	90	OWU-489	58:57 N 136:13 W	mf	SEA
72000		Q1-1613		mf	SEA
390	160	W-371	58:32 N 137:23 W	mf	SEA
3250	200	W-405	58:27 N 137:17 W	mf	SEA
6060	200	W-800	58:39 N 137:36 W	mf	SEA
1930	250	W-2157	58:48 N 136:30 W	mf	SEA
3580	250	W-3303		mf	SEA
3600	250	W-3305		mf	SEA
8160	300	W-3306		mf	SEA
1320	200	W-3307		mf	SEA
3670	200	W-3310		mf	SEA
4880	200	W-3311		mf	SEA
5670	250	W-3312		mf	SEA
940	200	W-3313		mf	SEA
7060	250	W-3322		mf	SEA
7170	250	W-3323		mf	SEA
1540	130	Y-4	58:38 N 136:30 W	mf	SEA
0		Y-5	58:38 N 136:30 W	mf	SEA
1520	140	Y-6	58:27 N 136:34 W	mf	SEA
760	130	Y-7	58:40 N 136:21 W	mf	SEA
4040	150	Y-8	58:35 N 136:00 W	mf	SEA
4680	160	Y-9	58:52 N 136:45 W	mf	SEA

Date	standard deviation	laboratory	latitude/ longitude	quad	region
7050	240	Y-10	58:40 N 136:21 W	mf	SEA
0		Y-32		mf	SEA
0		Y-36		mf	SEA
760	130	Y-37		mf	SEA
6300	200	Y-132-82	58:37 N 137:40 W	mf	SEA
1885	120	Y-132-85	58:57 N 136:02 W	mf	SEA
2265	80	Y-301	58:58 N 136:06 W	mf	SEA
4330	80	Y-302	58:56 N 136:06 W	mf	SEA
3290	55	Y-303	58:53 N 136:08 W	mf	SEA
1765	50	Y-304	58:53 N 136:08 W	mf	SEA
850	100	Y-305	58:53 N 136:08 W	mf	SEA
1710	60	Y-306	58:53 N 136:08 W	mf	SEA
3745	100	Y-307	58:35 N 136:07 W	mf	SEA
0		Y-308		mf	SEA
1840	250	W-1983	59:00 N 137:30 W	mf:c2	SEA
8210	300	W-2018		mf:d3	SEA
9010	300	W-2021		mf:d3	SEA
4730	250	W-2158	59:00 N 136:50 W	mf:d3	SEA
9860	75	SI-3776	56:45 N 135:10 W	pa	SEA
7175	155	SI-3777	56:45 N 135:10 W	pa	SEA
9410	70	SI-3778	56:45 N 135:10 W	pa	SEA
10005	75	SI-4352	56:45 N 135:10 W	pa	SEA
10075	75	SI-4354	56:45 N 135:10 W	pa	SEA
1430	70	SI-3787	56:01 N 132:50 W	pe	SEA
3235	85	SI-3788	56:01 N 132:50 W	pe	SEA
3635	70	SI-3789	56:01 N 132:50 W	pe	SEA
12400	800	W-1734	56:47 N 132:54 W	pe	SEA
9970	300	W-1738	56:35 N 132:32 W	pe	SEA
9700	350	W-2326	56:29 N 132:22 W	pe	SEA
12170	400	W-2327	56:33 N 132:37 W	pe	SEA
1690	250	W-2163	56:36 N 132:32 W	pe:c2	SEA
960	250	W-2164	56:36 N 132:32 W	pe:c2	SEA
1580	250	W-2165	56:36 N 132:32 W	pe:c2	SEA
5760	70	Beta-6003	57:03 N 135:45 W	si	SEA
4030	90	Beta-6004	57:03 N 135:45 W	si	SEA
4310	140	Beta-6005	57:03 N 135:45 W	si	SEA
9180	150	I-12218	57:03 N 135:45 W	si	SEA
9150	150	I-12219	57:03 N 135:45 W	si	SEA
5690	100	I-12234	57:03 N 135:45 W	si	SEA
5320	100	I-12235	57:03 N 135:45 W	si	SEA
8570	300	W-1739	57:03 N 135:21 W	si	SEA
2450	250	W-1740	57:03 N 135:21 W	si	SEA
1010	50	USGS-1226	58:55 N 138:45 W	sk	SEA
2560	80	USGS-1227	58:55 N 138:45 W	sk	SEA
9940	350	W-2291	59:13 N 135:28 W	sk	SEA
2880	250	W-2292	59:27 N 135:19 W	sk	SEA
10250	350	W-2293	59:14 N 135:28 W	sk	SEA
11020	400	W-2294	59:17 N 135:28 W	sk	SEA
7000	210	Y-132-81	59:00 N 136:09 W	sk	SEA
3090	250	W-2017		sk:a4	SEA
7620	300	W-2019		sk:a6	SEA

Date	standard deviation	laboratory	latitude/ longitude	quad	region
930	80	Beta-3625	59:19 N 138:53 W	ya	SEA
770	110	Beta-3626	59:19 N 138:56 W	ya	SEA
2225	300	Beta-3627	59:18 N 138:59 W	ya	SEA
180	70	Beta-3629	59:17 N 138:58 W	ya	SEA
<200		Beta-3630	59:16 N 138:55 W	ya	SEA
6180	100	Beta-3631	59:20 N 138:52 W	ya	SEA
9560	220	Beta-3632	59:32 N 139:10 W	ya	SEA
6370	80	Beta-3633	59:17 N 138:34 W	ya	SEA
4700	340	Beta-3640	59:12 N 138:30 W	ya	SEA
560	75	I-439	59:32 N 139:51 W	ya	SEA
136	62	P-178		ya	SEA
880	65	USGS-923	59:27 N 139:40 W	ya	SEA
4910	85	USGS-924	59:12 N 138:30 W	ya	SEA
<200		USGS-927	59:07 N 138:38 W	ya	SEA
9320	350	W-2917	59:24 N 138:57 W	ya	SEA

Offshore

Date	standard deviation	laboratory	latitude/ longitude	quad	region
13600	650	I-1377			OFF
16700	400	I-3754			OFF
17150	310	I-4080			OFF
17950	330	I-4090			OFF
19800	420	I-4949			OFF
16900	540	I-4957			OFF
12460	190	I-5894			OFF
21950	700	LJ-632	47:59 N 134:00 W		OFF
26950	1000	LJ-633	47:59 N 134:00 W		OFF
14050	210	M1-159	67:30 N 165:52 W		OFF
4390	210	M1-160	67:30 N 165:52 W		OFF
4029	63	P-1050	57:50 N 156:44 W		OFF
1240	90	SI-2158	71:27 N 149:29 W		OFF
1695	95	SI-2159	71:27 N 149:29 W		OFF
1765	90	SI-2160	71:27 N 149:29 W		OFF
1070	90	SI-2161	71:27 N 149:29 W		OFF
1555	95	SI-2162	71:27 N 149:29 W		OFF
1800	170	USGS-192	70:30 N 140:18 W		OFF
3590	140	USGS-354	63:31 N 165:54 W		OFF
16540	200	USGS-356	65:07 N 167:30 W		OFF
15450	250	USGS-357	67:07 N 167:35 W		OFF
11570	130	USGS-358	63:53 N 163:01 W		OFF
31600	600	USGS-638			OFF

Alaska - general

Date	standard deviation	laboratory	latitude/ longitude	quad	region
4470	120	I-182-GSC			GEN
>40000		I-7710			GEN
>37000		I-9273			GEN
>285		I-10655			GEN
2600		P-64			GEN
13270	40	Q1-1367			GEN
24900	200	Q1-1368			GEN

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A-2168	Hoffecker, 1982

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Beta-1696	Hamilton and Brubaker, 1983
Beta-1697	Hamilton and Brubaker, 1983
Beta-1726	Mobley, 1982
Beta-1765	Brighman, 1981
Beta-1766	Brighman, 1981, 1985; Williams and Carter, 1984
Beta-1819	Hamilton and Thorson, 1983; Williams and Galloway, 1986
Beta-1820	Hamilton and Thorson, 1983; Thorson and others, 1981; Williams and Galloway, 1986
Beta-1821	Hamilton and Thorson, 1983; Thorson and others, 1981; Williams and Galloway, 1986
Beta-1822	Hamilton and Thorson, 1983; Thorson and others,81; Williams and Galloway, 1986
Beta-1823	Thorson and Dixon, 1983
Beta-1824	Thorson and Dixon, 1983
Beta-1825	Thorson and Dixon, 1983
Beta-1826	Thorson and Dixon, 1983
Beta-1827	Thorson and Dixon, 1983
Beta-2316	Mann, 1986
Beta-2645	Reanier and Ugolihi, 1982
Beta-2646	Reanier and Ugolihi, 1982
Beta-2840	Reanier and Ugolihi, 1982
Beta-2907	Gal, 1982
Beta-3213	Gal, 1982
Beta-3433	Hamilton and Brubaker, 1983
Beta-3434	Hamilton and Brubaker, 1983
Beta-3435	Hamilton and Brubaker, 1983
Beta-3436	Hamilton and Brubaker, 1983
Beta-3437	Hamilton and Brubaker, 1983
Beta-3625	Molnina, 1986
Beta-3626	Molnina, 1986
Beta-3627	Molnina, 1986
Beta-3628	Molnina, 1986
Beta-3629	Molnina, 1986
Beta-3630	Molnina, 1986
Beta-3631	Molnina, 1986
Beta-3632	Molnina, 1986
Beta-3633	Molnina, 1986
Beta-3640	Molnina, 1986
Beta-3692	Hamilton and Brubaker, 1983
Beta-4221	Kline and Budtzen, 1986
Beta-4222	Kline and Budtzen, 1986
Beta-4260	Dixon, 1985
Beta-4558	Edwards and others, 1985
Beta-4559	Edwards and others, 1985
Beta-4560	Edwards and others, 1985
Beta-4561	Edwards and others, 1985
Beta-4971	Edwards and others, 1985
Beta-4972	Edwards and others, 1985
Beta-4973	Edwards and others, 1985
Beta-4976	Edwards and others, 1985
Beta-5383	Carter, 1983
Beta-5384	Carter, 1983
Beta-5577	Kline and Budtzen, 1986
Beta-5580	Reger and Updike, 1983
Beta-5581	Reger and Updike, 1983
Beta-5882	Edwards and others, 1985
Beta-5883	Edwards and others, 1985
Beta-5884	Edwards and others, 1985
Beta-5885	Edwards and others, 1985
Beta-5993	Riehle, 1985
Beta-5994	Riehle, 1985
Beta-5995	Riehle, 1985
Beta-5996	Riehle, 1985
Beta-5997	Riehle, 1985
Beta-5998	Riehle, 1985
Beta-6003	Riehle and Brew, 1984
Beta-6004	Riehle and Brew, 1984
Beta-6005	Riehle and Brew, 1984
Beta-6829	Dixon, 1985

Lab	Reference
Beta-7075	Dixon, 1985
Beta-7301	Dixon, 1985
Beta-7302	Dixon, 1985
Beta-7304	Dixon, 1985
Beta-7306	Dixon, 1985
Beta-7686	Dixon, 1985
Beta-7692	Dixon, 1985
Beta-7693	Dixon, 1985
Beta-7695	Dixon, 1985
Beta-7760	Kaufman and Hopkins, 1985
Beta-7761	Kaufman and Hopkins, 1985
Beta-7762	Kaufman and Hopkins, 1985
Beta-7763	Kaufman and Hopkins, 1985
Beta-7844	Dixon, 1985
Beta-7845	Dixon, 1985
Beta-7847	Dixon, 1985
Beta-9892	Dixon, 1985
Beta-9898	Dixon, 1985
Beta-10125	Dixon, 1985
Beta-10647	Mann, 1986
Beta-10785	Dixon, 1985
Beta-10791	Dixon, 1985
Beta-10794	Dixon, 1985
Beta-11174	Williams, 1986; Williams and Galloway, 1986

BGS- - Brock University

Lab	Reference
BGS-512	Brown and Kreig, 1983; Hamilton, 1979b
BGS-513	Brown and Kreig, 1983; Hamilton, 1979b
BGS-522	Calkin and Ellis, 1980
BGS-547	Calkin and Ellis, 1980
BGS-548	Calkin and Ellis, 1980
BGS-549	Ellis and Calkin, 1984
BGS-614	Calkin and Ellis, 1980
BGS-670	Ellis and others, 1981

Birm - Birmingham, England

Lab	Reference
Birm-711	Derry, 1977; West, 1981

C - Chicago

Lab	Reference
C-260	Gal, 1982; Larsen, 1953, 1954
C-266	Gal, 1982
C-299	Arnold and Libby, 1951; Péwé, 1975b
C-301	Hester, 1960; Libby, 1951, 1955; Péwé, 1975b
C-409	Libby, 1955
C-505	Giddings, 1961; Libby, 1951, 1955
C-506	Dumond, 1984; Libby, 1955
C-560	Libby, 1951, 1955
C-562	Dumond, 1984
C-563	Libby, 1951, 1955
C-696	Libby, 1955
C-792	Anderson, 1970a; Dumond, 1984; Libby, 1954, 1955
C-793	Anderson, 1970a; Dumond, 1984 Libby, 1954, 1955

DIC - Dicarb Radioisotope Company

Lab	Reference
DIC-284	Derksen, 1976
DIC-285	Derksen, 1976
DIC-286	Derksen, 1976
DIC-287	Derksen, 1976
DIC-315	Ager, 1975
DIC-316	Ager, 1975
DIC-442	Brown and Kreig, 1983; Hamilton, 1979b; Walker and others, 1981
DIC-458	Derksen, 1976
DIC-459	Derksen, 1976
DIC-460	Derksen, 1976
DIC-461	Derksen, 1976
DIC-462	Derksen, 1976
DIC-464	Everett, 1979; Williams, 1983b
DIC-465	Everett, 1979; Williams, 1983b
DIC-554	Derksen, 1976
DIC-555	Derksen, 1976
DIC-556	Derksen, 1976
DIC-673	Walker and others, 1981
DIC-674	Walker and others, 1981
DIC-694	Everett, 1979; Williams, 1983b
DIC-695	Everett, 1979; Williams, 1983b
DIC-696	Everett, 1979; Williams, 1983b
DIC-697	Everett, 1979; Williams, 1983b
DIC-1236	Clark, 1984a
DIC-1334	Guthrie, 1985
DIC-1570	Thorson and Dixon, 1983
DIC-1571	Thorson and Dixon, 1983
DIC-1573	Thorson and Dixon, 1983
DIC-1583	Gal, 1982
DIC-1584	Gal, 1982; Workman, 1981
DIC-1586	Gal, 1982; Workman, 1981
DIC-1589	Anderson, 1984; Gal, 1982; Kunz, 1982; Workman, 1981
DIC-1819	Reger and Updike, 1983; Thorson and others, 1981
DIC-1855	Thorson and Dixon, 1983
DIC-1856	Thorson and Dixon, 1983
DIC-1859	Hamilton and Thorson, 1983; Thorson and others, 1981
DIC-1860	Thorson and others, 1981; Williams and Galloway, 1986
DIC-1861	Hamilton and Thorson, 1983; Thorson and others, 1981; Williams and Galloway, 1986

Lab	Reference
DIC-1862	Hamilton and Thorson, 1983; Thorson and others, 1981; Williams and Galloway, 1986
DIC-2019	Gal, 1982; Gerlach, 1982
DIC-2020	Gal, 1982; Gerlach, 1982
DIC-2021	Gal, 1982; Gerlach, 1982
DIC-2022	Gal, 1982; Gerlach, 1982
DIC-2023	Gal, 1982; Gerlach, 1982
DIC-2123	Guthrie, 1985
DIC-2124	Guthrie, 1985
DIC-2125	Guthrie, 1985
DIC-2186	Gal, 1982
DIC-2203	Gal, 1982; Gerlach, 1982
DIC-2204	Gal, 1982; Gerlach, 1982
DIC-2205	Gal, 1982; Gerlach, 1982
DIC-2206	Gal, 1982; Gerlach, 1982
DIC-2207	Gal, 1982; Gerlach, 1982
DIC-2244	Dixon, 1985
DIC-2283	Dixon, 1985
DIC-2286	Dixon, 1985
DIC-2418	Guthrie, 1985
DIC-2458	Gal, 1982; Gerlach, 1982
DIC-2459	Gal, 1982; Gerlach, 1982
DIC-2461	Gal, 1982; Gerlach, 1982
DIC-2463	Gal, 1982; Gerlach, 1982
DIC-2464	Gal, 1982; Gerlach, 1982
DIC-2465	Gal, 1982; Gerlach, 1982
DIC-2468	Gal, 1982; Gerlach, 1982
DIC-2469	Gal, 1982; Gerlach, 1982
DIC-2470	Gal, 1982; Gerlach, 1982
DIC-2568	Brighman, 1985
DIC-2569	Brighman, 1985; Williams and Carter, 1984
DIC-3091	Guthrie, 1985
DIC-3092	Guthrie, 1985
DIC-3093	Guthrie, 1985
DIC-3094	Guthrie, 1985
DIC-3095	Guthrie, 1985
DIC-3096	Guthrie, 1985
DIC-3097	Guthrie, 1985
DIC-3098	Guthrie, 1985
DIC-3099	Guthrie, 1985
DIC-3100	Guthrie, 1985

Gak - Gakushuin University, Japan

Lab	Reference
GaK-1884	Kigoshi and others, 1973
GaK-1885	Kigoshi and others, 1973
GaK-1886	Ager, 1972, Kigoshi and others, 1973; Péwé, 1975b
GaK-1887	Ager, 1972; Kigoshi and others, 1973; Péwé, 1975b
GaK-2297	Gal, 1982; McGhee, 1971; Stanford, 1976
GaK-2298	Gal, 1982; McGhee, 1971, 1982; Stanford, 1976
GaK-2299	Gal, 1982; McGhee, 1971; Stanford, 1976
GaK-2300	McGhee, 1971
GaK-2304	Gal, 1982
GaK-3801	Clark, 1974, 1982, 1984a
GaK-3802	Clark, 1974, 1979, 1982, 1984a
GaK-3803	Clark, 1974, 1979, 1982, 1984a
GaK-3804	Clark, 1974, 1979, 1982, 1984a
GaK-4939	Morlan and Cinq-Mars, 1982; West, 1981
GaK-4940	Alexander, 1974; Gal, 1982; Hamilton, 1979b
GaK-5414	Okada and others, 1976
GaK-5415	Okada and others, 1976
GaK-5416	Okada and others, 1976
GaK-5417	Okada and others, 1976

Gif - Git-Sur-Yvette, France

Lab	Reference
Gif-3664	Walker and others, 1981
Gif-3665	Walker and others, 1981
Gif-3666	Walker and others, 1981
Gif-3667	Walker and others, 1981
Gif-3668	Walker and others, 1981
Gif-4044	Walker and others, 1981

GrN - Groningen, The Netherlands

Lab	Reference
GrN-4086	Ferrians and others, 1983; Hamilton and Thorson, 1983; Vogel and Waterbolk, 1972
GrN-4165	Ferrians and others, 1983; Hamilton and Thorson, 1983; Vogel and Waterbolk, 1972
GrN-4448	Ferrians and others, 1983; Hamilton and Thorson, 1983; Vogel and Waterbolk, 1972
GrN-4744	Vogel and Waterbolk, 1972
GrN-4798	Ferrians and others, 1983; Hamilton and Thorson, 1983; Vogel and Waterbolk, 1972; Willaims and Galloway, 1986
GrN-11139	Dijkmans and others, 1986
GrN-11140	Dijkmans and others, 1986
GrN-11141	Dijkmans and others, 1986

GSC - Geological Survey of Canada

Lab	Reference
GSC-712	Anderson, 1970a; Gal, 1982; Lowdon and others, 1969
GSC-769	Reger and Updike, 1983
GSC-883	Gal, 1982
GSC-884	Lowdon and others, 1969
GSC-1576	Hamilton and Thorson, 1983
GSC-2118	Lowdon and Blake, 1979; Naeser and others, 1982

Lab	Reference
GSC-2130	Harington, 1980b; Lowdon and Blake, 1979
GSC-3050	Harington, 1980, 1981; Yeend, 1983

Gx - Geochron Laboratories, Inc.

Lab	Reference
Gx-75	Carson, 1968; Williams and Carter, 1984
Gx-76	Carson, 1968; Williams and Carter, 1984
Gx-77	Carson, 1968; Williams and Carter, 1984
Gx-78	Carson, 1968; Williams and Carter, 1984
Gx-79	Carson, 1968; Williams and Carter, 1984
Gx-80	Carson, 1968; Williams and Carter, 1984
Gx-81	Carson, 1968; Williams and Carter, 1984
Gx-82	Carson, 1968; Williams and Carter, 1984
Gx-83	Carson, 1968; Williams and Carter, 1984
Gx-84	Carson, 1968; Williams and Carter, 1984
Gx-85	Carson, 1968
Gx-230	Brown, 1965; Hume, 1965; Williams and Carter, 1984
Gx-234	Carson, 1968; Williams and Carter, 1984
Gx-235	Williams and Carter, 1984
Gx-236	Carson, 1968; Williams and Carter, 1984
Gx-237	Carson, 1968; Williams and Carter, 1984
Gx-238	Carson, 1968; Williams and Carter, 1984
Gx-239	Carson, 1968; Williams and Carter, 1984
Gx-240	Carson, 1968; Williams and Carter, 1984
Gx-241	Carson, 1968; Williams and Carter, 1984
Gx-242	Carson, 1968; Williams and Carter, 1984
Gx-243	Carson, 1968; Williams and Carter, 1984
Gx-249	Hamilton and Thorson, 1983; Krueger and Weeks, 1966; Péwé, 1975a; West, 1973, 1975
Gx-250	Brown and Kreig, 1983; Harington, 1978; Krueger and Weeks, 1966; Péwé, 1965a, 1975a, 1975b
Gx-251	Guthrie, 1985; Krueger and Weeks, 1966; Péwé, 1975b
Gx-252	Krueger and Weeks, 1966; Péwé, 1975a, 1975b
Gx-253	Krueger and Weeks, 1966; Péwé, 1975b
Gx-254	Krueger and Weeks, 1966; Péwé, 1965c, 1975a, 1975b; Péwé and Reger 1983a, 1983b
Gx-255	Krueger and Weeks, 1966; Péwé, 1965c, 1975a, 1975b; Péwé and Reger 1983a, 1983b
Gx-257	Krueger and Weeks, 1966; Péwé, 1975b
Gx-277	Blackwell, 1965; Krueger and Weeks, 1966; Péwé, 1975b
Gx-360	Krueger and Weeks, 1966; Péwé, 1975b
Gx-380	Hume 1965; Williams and Carter, 1984
Gx-381	Hume 1965; Williams and Carter, 1984
Gx-400	Carson, 1968; Williams and Carter, 1984
Gx-401	Carson, 1968; Williams and Carter, 1984
Gx-402	Carson, 1968; Williams and Carter, 1984
Gx-403	Carson, 1968; Williams and Carter, 1984
Gx-404	Carson, 1968; Williams and Carter, 1984
Gx-405	Carson, 1968; Williams and Carter, 1984
Gx-444	Carson, 1968; Williams and Carter, 1984
Gx-445	Carson, 1968; Williams and Carter, 1984
Gx-460	McKainzie and Goldthwait, 1971; McKenzie, 1970
Gx-1340	Ager, 1972; Péwé, 1975b
Gx-1341	Borden, 1979; Harington, 1978, 1980b
Gx-1391	Ager, 1972; Péwé, 1975b
Gx-1441	Schweger, 1982
Gx-1442	Schweger, 1982
Gx-1443	Schweger, 1982
Gx-1444	Schweger, 1982
Gx-1445	Schweger, 1982
Gx-1446	Schweger, 1982
Gx-1447	Schweger, 1982
Gx-1508	Anderson, 1970a, 1970b
Gx-1944	Ager, 1972; Péwé, 1975b
Gx-1969	Ager, 1972; Péwé, 1975b
Gx-1970	Ager, 1972; Péwé, 1975b
Gx-1971	Ager, 1972; Péwé, 1975b
Gx-1972	Ager, 1972; Péwé, 1975b
Gx-2025	Ager, 1972; Péwé, 1975b
Gx-2026	Ager, 1972; Péwé, 1975b
Gx-2156	Aigner, 1978a, 1978b
Gx-2159	Ager, 1972; Péwé, 1975a, 1975b; Reeburgh and Young, 1976

Lab	Reference
Gx-2160	Ager, 1972; Péwé, 1975b
Gx-2161	Ager, 1972; Péwé, 1975b
Gx-2163	Ager, 1972; Péwé, 1975b
Gx-2165	Ager, 1972; Péwé, 1975b
Gx-2166	Ager, 1972; Péwé, 1975b
Gx-2167	Ager, 1972; Péwé, 1975b
Gx-2168	Ager, 1972; Péwé, 1975b
Gx-2169	Ager, 1972; Péwé, 1975b
Gx-2170	Ager, 1972; Péwé, 1975b
Gx-2171	Ager, 1972; Péwé, 1975b
Gx-2173	Ager, 1972; Péwé, 1975b
Gx-2174	Ager, 1972; Péwé, 1975a, 1975b; Reeburgh and Young, 1976
Gx-2175	Ager, 1972; Péwé, 1975a, 1975b; Reeburgh and Young, 1976
Gx-2176	Ager, 1972; Péwé, 1975b
Gx-2177	Hamilton and Porter, 1975; Porter and others, 1983; Ten Brink, 1983
Gx-2179	Hamilton and Porter, 1975; Porter and others, 1983; Ten Brink, 1983
Gx-2229	Laughlin, 1975; Laughlin and others, 1975
Gx-2230	Laughlin, 1975; Laughlin and others, 1975
Gx-2231	Laughlin, 1975; Laughlin and others, 1975
Gx-2232	Laughlin, 1975; Laughlin and others, 1975
Gx-2233	Laughlin, 1975; Laughlin and others, 1975
Gx-2234	Laughlin, 1975; Laughlin and others, 1975
Gx-2235	Laughlin, 1975; Laughlin and others, 1975
Gx-2237	Laughlin, 1975; Laughlin and others, 1975
Gx-2238	Laughlin, 1975; Laughlin and others, 1975
Gx-2239	Laughlin, 1975; Laughlin and others, 1975
Gx-2240	Laughlin, 1975; Laughlin and others, 1975
Gx-2241	Laughlin, 1975; Laughlin and others, 1975
Gx-2243	Laughlin, 1975; Laughlin and others, 1975
Gx-2244	Laughlin, 1975; Laughlin and others, 1975
Gx-2246	Laughlin, 1975; Laughlin and others, 1975
Gx-2348	Thorson and Hamilton, 1986
Gx-2349	Thorson and Hamilton, 1986
Gx-2350	Black, 1976; Thorson and Hamilton, 1986
Gx-2351	Black, 1976; Thorson and Hamilton, 1986
Gx-2352	Black, 1974; Heusser, 1973; Thorson and Hamilton, 1986
Gx-2353	Black, 1974; Heusser, 1973; Thorson and Hamilton, 1986
Gx-2555	Ager, 1972; Péwé, 1975b
Gx-2742	Black, 1974
Gx-2743	Black, 1974
Gx-2744	Detterman, 1986; Funk, 1973; Thorson and Hamilton, 1986
Gx-2745	Detterman, 1986; Funk, 1973; Thorson and Hamilton, 1986
Gx-2753	Black, 1974
Gx-2754	Black, 1974
Gx-2755	Black, 1974
Gx-2756	Black, 1974
Gx-2757	Aigner and others, 1976
Gx-2758	Aigner and others, 1976
Gx-2759	Aigner and others, 1976
Gx-2760	Aigner and others, 1976
Gx-2762	Black, 1974
Gx-2763	Black, 1974
Gx-2764	Black, 1974
Gx-2788	Detterman, 1986; Funk, 1973; Thorson and Hamilton, 1986
Gx-2789	Detterman, 1986; Funk, 1973; Thorson and Hamilton, 1986
Gx-2790	Detterman, 1986; Funk, 1973; Thorson and Hamilton, 1986
Gx-2794	Aigner and others, 1976
Gx-2795	Aigner and others, 1976
Gx-2798	Aigner, 1978a, 1978b
Gx-2809	Laughlin, 1975; Laughlin and others, 1975
Gx-2828	Holmes, 1973, 1982; Turner and Holmes, 1978
Gx-3858	Black, 1976
Gx-3858-b	Black, 1976
Gx-4070	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4071	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4072	Cook, 1977; Hamilton, 1979b,
Gx-4073	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4074	Gal, 1982
Gx-4075	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4076	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4077	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4078	Hamilton, 1979b; Kunz, 1977
Gx-4079	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4080	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4081	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4082	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4083	Cook, 1977; Hamilton, 1979b

Lab	Reference
Gx-4084	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4085	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4086	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4087	Cook, 1977; Gal, 1982; Hamilton, 1979b; Wilson, 1978
Gx-4088	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4089	Cook, 1977; Gal, 1982; Hamilton, 1979b; Wilson, 1978
Gx-4090	Cook, 1977; Gal, 1982; Hamilton, 1979b; Wilson, 1978
Gx-4091	Cook, 1977; Gal, 1982; Hamilton, 1979b
[illegible]92	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4093	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4094	Cook, 1977; Hamilton, 1979b
Gx-4104	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4230	Ager, 1976, 1982
Gx-4232	West, 1981
Gx-4248	Gal, 1982
Gx-4249	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4250	Gal, 1982; Hamilton, 1979b; Kunz, 1977
Gx-4252	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4253	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4254	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4255	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4256	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4257	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4258	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4259	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4260	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4261	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4262	Cook, 1977; Hamilton, 1979b
Gx-4263	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4264	Cook, 1977; Hamilton, 1979b
Gx-4265	Cook, 1977; Gal, 1982; Hamilton, 1979b
Gx-4284	Hamilton, 1979b; Kunz, 1977
Gx-4342	Hamilton and Porter, 1975; Porter and others, 1983
Gx-4343	Hamilton and Porter, 1975; Porter and others, 1983
Gx-4344	Hamilton and Porter, 1975; Porter and others, 1983
Gx-4409	Clark, 1984a
Gx-4951	Dixon, 1985; Péwé and Reger, 1983b
Gx-5019	Reger and Updike, 1983
Gx-5039	Clark, 1984a; Workman, 1980
Gx-5108	Brown and Kreig, 1983
Gx-5113	Brown and Kreig, 1983
Gx-5114	Brown and Kreig, 1983
Gx-5129	Holmes, 1982
Gx-5131	Bowers, 1978a, 1978b, 1980; Workman, 1980
Gx-5132	Bowers, 1978a, 1978b, 1980; Workman, 1980
Gx-5546	Everett, 1979
Gx-5547	Everett, 1979
Gx-5630	Workman, 1980
Gx-5654	Thorson and others, 1980
Gx-5655	Workman, 1980; Thorson and others, 1980
Gx-5656	Workman, 1980; Thorson and others, 1980
Gx-5657	Thorson and others, 1980
Gx-5658	Thorson and others, 1980
Gx-5771	Riehle and others, 1981
Gx-5997	Holmes, 1982
Gx-5998	Bacon and Holmes, 1980; West, 1981
Gx-6009	Bacon and Holmes, 1980; West, 1981
Gx-6041	Reger and Updike, 1983
Gx-6111	Parrish, 1980
Gx-6281	Hoffecker, 1982
Gx-6284	Ten Brink, 1983
Gx-6469	Walker and others, 1981
Gx-6749	Workman, 1980
Gx-6750	Guthrie, 1985; Workman, 1980
Gx-6751	West, 1981; Workman, 1980
Gx-6752	Guthrie, 1985; Workman, 1980
Gx-6998	Riehle and others, 1981
Gx-6999	Riehle and others, 1981
Gx-7000	Riehle and others, 1981
Gx-7001	Riehle and others, 1981
Gx-7075	Bacon and Holmes 1980; West, 1981
Gx-7363	Thorson and Hamilton, 1986
Gx-7377	Thorson and Hamilton, 1986
Gx-8058	Williams and Galloway, 1986
Gx-8130	Black, 1983
Gx-8131	Black, 1983
Gx-8386	Brown and Kreig, 1983
Gx-8387	Brown and Kreig, 1983
Gx-8633	Gal, 1982; Gerlach, 1982
Gx-8634	Gal, 1982; Gerlach, 1982
Gx-8635	Gal, 1982; Gerlach, 1982
Gx-8636	Gal, 1982; Gerlach, 1982
Gx-8637	Gal, 1982; Gerlach, 1982

Lab	Reference
Gx-8904	Brown and Kreig, 1983
Gx-8905	Brown and Kreig, 1983
Gx-9306	Wilson and Elias, 1986
Gx-9392	Wilson and Elias, 1986
Gx-9393	Wilson and Elias, 1986
Gx-9394	Wilson and Elias, 1986
Gx-9598	Wilson and Elias, 1986
Gx-9599	Wilson and Elias, 1986
Gx-9600	Wilson and Elias, 1986
Gx-9832	Wilson and Elias, 1986
Gx-9895	Mann and Ugolini, 1985
Gx-9896	Mann and Ugolini, 1985
Gx-9897	Mann and Ugolini, 1985
Gx-9912	Mann and Ugolini, 1985

Hv - Hannover, West Germany

Lab	Reference
Hv-1320	Guthrie, 1968
Hv-1328	Harington, 1978; Matthews, 1968, 1970; Péwé, 1975a, 1975b

I - Teledyne Isotopes

Lab	Reference
I(AGS)-1	Heusser, 1959; Karlstrom, 1964
I(AGS)-2	Heusser, 1959; Karlstrom, 1964
I(AGS)-3	Hamilton and Thorson, 1983; Heusser, 1959; Karlstrom, 1964
I(AGS)-4	Hamilton and Thorson, 1983; Heusser, 1959; Karlstrom, 1964
I(AGS)-5	Ackerman and others, 1979; Hamilton and Thorson, 1983; Heusser, 1959; 1965; Molnina, 1986
I(AGS)-6	Heusser, 1959
I(AGS)-7	Heusser, 1959
I(AGS)-8	Heusser, 1959
I(AGS)-9	Hamilton and Thorson, 1983; Heusser, 1959
I(AGS)-10	Ackerman and others, 1979; Heusser, 1959, 1965; Molnina, 1986; Plafker and others, 1982
I(AGS)-11	Heusser, 1959
I(AGS)-12	Heusser, 1959
I(AGS)-13	Heusser, 1959; Mann, 1986
I(AGS)-14	Derksen, 1974; Heusser, 1959, 1960; Mann and Ugolini, 1985
I-58-1	Haselton, 1966
I-58-4	Haselton, 1966
I-58-9	Haselton, 1966
I-58-20	Haselton, 1966
I-59-15	Haselton, 1966
I(OSU)-80	Goldthwait, 1966a; McKenzie, 1970; Watlton and others, 1961
I(OSU)-81	Watlton and others, 1961
I(OSU)-82	Goldthwait, 1966a; Watlton and others, 1961
I(OSU)-83	Watlton and others, 1961
I(OSU)-84	Goldthwait, 1966a; McKenzie, 1970; McKenzie and Goldthwait, 1971; Watlton and others, 1970
I(OSU)-85	McKenzie, 1970; McKenzie and Goldthwait, 1971; Watlton and others, 1961
I(OSU)-86	Watlton and others, 1961
I(OSU)-87	Watlton and others, 1961
I(OSU)-88	McKenzie, 1970; McKenzie and Goldthwait, 1971; Watlton and others, 1961
I(OSU)-89	Goldthwait, 1966a; Walton and others, 1961
I(OSU)-90	Watlton and others, 1961
I(OSU)-91	Goldthwait, 1966a; Walton and others, 1961
I(OSU)-121	Watlton and others, 1961
I(OSU)-122	Goldthwait, 1966a; McKenzie and Goldthwait, 1971; Watlton and others, 1961
I(OSU)-123	Goldthwait, 1966a; Watlton and others, 1961
I(OSU)-124	Goldthwait, 1966a; Watlton and others, 1961
I(OSU)-125	Watlton and others, 1961
I(OSU)-126	Goldthwait, 1966a; Watlton and others, 1961
I(OSU)-162	Goldthwait, 1966a; Watlton and others, 1961
I(OSU)-163	Watlton and others, 1961
I(OSU)-164	Goldthwait, 1966a; McKenzie, 1970; McKenzie and Goldthwait, 1971; Watlton and others, 1970
I-173	Turner and others, 1961
I(GSC)-182	Watlton and others, 1961
I-206	Hamilton, 1980a; Trautman, 1963;
I-207	Trautman, 1963
I-209	Dumond, 1962, 1984; Trautman, 1964
I-210	Dumond, 1962, 1965; Trautman, 1964
I-267	Trautman, 1963
I-268	Trautman, 1963
I-269	Trautman, 1963
I-270	Trautman, 1963
I-271	Hamilton and Thorson, 1983; Trautman, 1963; Williams and Galloway, 1986
I-272	Trautman, 1963
I-274	Fernald, 1965b; Trautman and Willis, 1966
I-275	Fernald, 1962, 1965a, 1965b; Foster, 1981; Péwé, 1975b
I-276	Fernald, 1962, 1965a, 1965b; Péwé, 1975b; Williams and Galloway, 1986; Lerbekmo and others, 1975
I-277	Fernald, 1965b

Lab	Reference
I-278	Fernald, 1965b; Trautman and Willis, 1966
I-279	Fernald, 1965b; Trautman and Willis, 1966
I-302	Fernald, 1965a, 1965b; Hopkins, 1982; Trautman and Willis, 1966;
I-303	Fernald, 1965b; Trautman and Willis, 1966
I-305	Fernald, 1965a, 1965b; Trautman and Willis, 1966
I-364	Hamilton and Thorson, 1983; Trautman, 1963
I(UA)-387	Brown, 1965; Trautman and Walton, 1962; Williams and Carter, 1984
I(UA)-388	Brown, 1965; Trautman and Walton, 1962; Williams and Carter, 1984
I(UA)-389	Brown, 1965; Trautman and Walton, 1962; Williams and Carter, 1984
I-415	Kaufman and Hopkins, 1985; Stuiver and others, 1963; Trautman, 1963
I-437	Trautman and Willis, 1966
I-438	Trautman, 1963
I-439	Trautman and Willis, 1966
I-440	Trautman and Willis, 1966
I-441	Péwé, 1975b
I-462	Péwé and others, 1965; Porter, 1967 Trautman and Willis, 1966
I-463	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-464	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-465	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-466	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-467	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-469	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-477-b	Hamilton, 1982
I-493	Dumond, 1964; Turner, 1974; Turner and others, 1974
I-505	Trautman, 1964; Clark, 1977, 1984a
I-506	Heusser, 1963; Trautman and Willis, 1966
I-507	Trautman, 1964
I-508	Trautman, 1964
I-517	Dumond, 1984; Trautman, 1964
I-518	Dumond, 1984; Trautman, 1964
I-519	Trautman, 1964
I-520	Trautman, 1964
I-521	Dumond, 1969; Trautman, 1964
I-522	Trautman, 1964
I-523	Buckley and Willis, 1970; Dumond, 1984
I-524	Clark, 1984a; Dumond, 1964, 1984; Trautman, 1964
I-525	Clark, 1984a; Dumond, 1964, 1984; Trautman, 1964
I-526	Dumond, 1965; Trautman, 1964
I-527	Trautman, 1964
I-528	Heusser, 1963; Trautman and Willis, 1966
I-529	Trautman and Willis, 1966
I-544	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-545	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-546	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-547	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-548	Goldthwait and others, 1963; Mann and Ugolini, 1985
I-588	Colinvaux 1964b, 1967; Kaufman and Hopkins, 1985; Stuiver and others, 1963; Trautman, 1963
I-646	Ager and Sims, 1981a; Dixon, 1985; Péwé, 1965a, 65b, 1975a, 1975b; Péwé, and Reger, 1983b; Reger and others, 1964; Trautman, 1963
I-647	Péwé, 1965b, 1975a, 1975b; Péwé and others, 1965; Péwé and Reger, 1983b; Reger and others, 1964; Trautman, 1963
I-648	Péwé and Reger, 1983b; Trautman, 1963
I-699	Brown, 1965; Williams and Carter, 1984
I-700	Brown, 1965; Williams and Carter, 1984
I-701	Brown, 1965; Williams and Carter, 1984
I-715	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975
I-843	Rusnak and others, 1964
I-922	Brown, 1965; Trautman and Willis, 1966; Williams and Carter, 1984
I-993	Trautman and Willis, 1966
I-1004	Brown, 1965; Rickert and Tedrow, 1967
I-1006	Hopkins and others, 1981; Tedrow and Walton, 1964
I-1046	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975; West, 1967
I-1136	Parrish, 1980
I-1157	Buckley and Willis, 1970; Dumond, 1984
I-1158	Buckley and Willis, 1970; Dumond, 1965, 1969

Lab	Reference
I-1159	Buckley and Willis, 1970; Dumond, 1984
I-1160	Buckley and Willis, 1970
I-1171	Brown, 1965; Trautman and Willis, 1966; Williams and Carter, 1984
I-1182	Brown, 1965; Trautman and Willis, 1966; Williams and Carter, 1984
I-1183	Brown, 1965; Trautman and Willis, 1966; Williams and Carter, 1984
I-1202	Brown, 1965; Trautman and Willis, 1966; Williams and Carter, 1984
I-1302	Goldthwait, 1966a
I-1303	Ackerman and others, 1979; Buckley and Willis, 1969; Goldthwait, 1966a, 1965b; Haselton, 1966; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-1304	Golthwait, 1966a
I-1305	McKenzie, 1970
I-1314	McKenzie and Goldthwait, 1971
I-1369	Buckley and others, 1968; Péwé, 1975b
I-1370	Buckley and others, 1968; Péwé, 1975b
I-1377	McManus and Creager, 1984
I-1384	Brown, 1965; Carter and Robinson, 1981; Trautman and Willis, 1966; Williams and Carter, 1984
I-1394	Brown, 1965; Trautman and Willis, 1966; Williams and Carter, 1984
I-1440	Sainsbury and others, 1965
I-1507	Buckley and others, 1968; Dumond, 1968; Okada and Okada, 1974; Okada and others, 1976; Workman, 1966
I-1508	Buckley and others, 1968; Okada and others, 1976, Workman, 1966
I-1544	Brown, 1965; Buckley and others, 1968; Williams and Carter, 1984
I-1545	Brown, 1965; Buckley and others, 1968; Williams and Carter, 1984
I-1580	Okada and Okada, 1974
I-1604	Buckley and others, 1968; Williams and Carter, 1984
I-1610	Goldthwait, 1966a; Haselton, 1966; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-1612	Goldthwait, 1966a
I-1613	Goldthwait, 1966a; McKenzie, 1970
I-1614	McKenzie, 1970
I-1615	Ackerman and others, 1979; Buckley and Willis, 1969; Goldthwait, 1966a, 1965b; Haselton, 1966; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-1616	Goldthwait, 1966a; McKenzie, 1970
I-1621	Mann, 1986; Swanston, 1969
I-1627	Buckley and Willis, 1970
I-1628	Buckley and Willis, 1970
I-1629	Buckley and Willis, 1970; Dumond, 1984
I-1630	Buckley and Willis, 1970; Dumond, 1984
I-1631	Buckley and Willis, 1970
I-1632	Buckley and Willis, 1970; Dumond, 1984
I-1633	Buckley and Willis, 1970
I-1634	Buckley and Willis, 1970; Dumond, 1984
I-1635	Buckley and Willis, 1970; Clark, 1984a; Dumond, 1984
I-1636	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1637	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1638	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1639	Buckley and Willis, 1970; Clark, 1977, 1984a; Dumond, 1968
I-1808	Dumond, 1968
I-1841	Buckley and others, 1968; Péwé, 1975b
I-1842	Buckley and others, 1968; Péwé, 1975b
I-1843	Buckley and others, 1968; Péwé, 1975b
I-1868	Buckley and others, 1968; Williams and Carter, 1984
I-1869	Buckley and others, 1968; Williams and Carter, 1984
I-1935	Parrish, 1980
I-1940	Buckley and Willis, 1970; Clark, 1984a
I-1941	Buckley and Willis, 1970; Clark, 1977, 1984a; Dumond, 1968
I-1942	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1943	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1944	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1945	Buckley and Willis, 1970; Clark, 1977, 1984a
I-1946	Buckley and Willis, 1970; Dumond, 1984
I-1947	Buckley and Willis, 1970; Dumond, 1984

Lab	Reference
I-1948	Buckley and Willis, 1970; Dumond, 1984
I-1949	Buckley and others, 1968; Williams and Carter, 1984
I-2048	Williams and Carter, 1984
I-2049	Williams and Carter, 1984
I-2050	Williams and Carter, 1984
I-2116	Guthrie, 1968; Matthews, 1968, 1970; Péwé, 1975a, 1975b
I-2118	Buckley and others, 1968; Péwé, 1975b; Sellmann, 1967
I-2119	Buckley and others, 1968; Péwé, 1975b; Sellmann, 1967
I-2120	Buckley and others, 1968; Péwé, 1975b; Sellmann, 1967
I-2121	Buckley and others, 1968; Péwé, 1975b; Sellmann, 1967
I-2123	Williams and Carter, 1984
I-2196	Péwé, 1975b; Sellmann, 1967
I-2197	Péwé, 1975b; Sellmann, 1967
I-2240	Guthrrie, 1968; Hopkins and others, 1981; Matthews, 1970; Péwé, 1975b
I-2248	Matthews, 1970; Péwé, 1975b
I-2300	McKenzie, 1970; McKenzie and Goldthwait, 1971
I-2301	McKenzie, 1970; McKenzie and Goldthwait, 1971
I-2302	McKenzie, 1970; McKenzie and Goldthwait, 1971
I-2359	Brown, 1965; Williams and Carter, 1984
I-2394	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-2395	Ager, 1983; Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-2396	Ager, 1983; Buckley and Willis, 1969
I-2600	Williams and Carter, 1984
I-2601	Williams and Carter, 1984
I-2602	Williams and Carter, 1984
I-2617	Buckley and Willis, 1969; Campbell, 1968; Holmes, 1973; West, 1978
I-2687	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-3006	Brown and others, 1967, 1969; Péwé, 1975b; West, 1981
I-3007	Brown and others, 1967, 1969; Péwé, 1975b; West, 1981
I-3068	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-3069	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-3083	Brown and others, 1967, 1969; Hopkins and others, 1981; Péwé, 1975b
I-3113	Buckley and Willis, 1970
I-3114	Buckley and Willis, 1970
I-3115	Buckley and Willis, 1970; Dumond, 1968, 1984
I-3116	Buckley and Willis, 1970
I-3131	Buckley and Willis, 1969; Dumond, 1984; Nowak, 1970
I-3132	Buckley and Willis, 1969; Dumond, 1984
I-3144	Dumond, 1984
I-3150	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-3151	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-3176	Buckley and Willis, 1969; Clark, 1984a; Dumond, 1984
I-3222	Gal, 1982, Schlesier, 1971
I-3223	Gal, 1982; Schlesier, 1971
I-3244	Williams and Carter, 1984
I-3398	Buckley and Willis, 1969; McKenzie, 1970; McKenzie and Goldthwait, 1971
I-3624	Brown and others, 1969; Péwé, 1975b
I-3625	Brown and others, 1969; Hopkins and others, 1981; Péwé, 1975b; West, 1981
I-3626	Brown and others, 1969; Péwé, 1975b
I-3627	Brown and others, 1969; Péwé, 1975b
I-3628	Brighman, 1985; Williams and Carter, 1984
I-3733	Buckley and Willis, 1970; Clark, 1977, 1984a
I-3754	McManus and Creager, 1984
I-3879	Brown and others, 1969; Péwé, 1975b
I-3902	Gard, 1980; Thorson and Hamilton, 1986
I-3903	Thorson and Hamilton, 1986
I-3904	Thorson and Hamilton, 1986
I-3905	Gard, 1980; Thorson and Hamilton, 1986
I-3906	Thorson and Hamilton, 1986
I-4001	Williams and Carter, 1984
I-4002	Williams and Carter, 1984
I-4003	Williams and Carter, 1984
I-4080	McManus and Creager, 1984
I-4090	McManus and Creager, 1984
I-4099	Giterman and others, 1982; Guthrie and Matthews, 1971; Harington, 1978; Kaufman and Hopkins, 1985; Matthews, 1974

Lab	Reference
I-4161	Buckley and Willis, 1970; Clark, 1984a
I-4231	McGhee, 1971
I-4232	McGhee, 1971
I-4354	Dumond, 1984
I-4355	Dumond, 1984
I-4356	Dumond, 1984
I-4485	Buckley, 1973; McGhee, 1971
I-4486	Buckley, 1973; Dumond, 1984; McGhee, 1971; Nowak, 1982
I-4487	Buckley, 1973; Dumond, 1984; McGhee, 1971
I-4488	Buckley, 1973; McGhee, 1971; Nowak, 1982
I-4493	Péwé, 1975b; Sellmann, 1972
I-4494	Péwé, 1975b; Sellmann, 1972
I-4567	McGhee, 1971
I-4588	Péwé, 1975b; Sellmann, 1972
I-4592	McGhee, 1971
I-4735	Arch.Res.Inc., 1970
I-4736	Arch.Res.Inc., 1970
I-4737	Arch.Res.Inc., 1970
I-4738	Arch.Res.Inc., 1970
I-4739	Arch.Res.Inc., 1970
I-4740	Arch.Res.Inc., 1970
I-4774	Matthews, 1974a; Péwé, 1975b
I-4775	Hopkins and others, 1981; Matthews, 1974a; Péwé, 1975b
I-4776	Schweger, 1982
I-4777	Hamilton, 1982; Schweger, 1982
I-4778	Schweger, 1982
I-4779	Hamilton, 1982; Schweger, 1982
I-4780	Giterman and others, 1982; Guthrie and Matthews, 1971; Harington, 1978; Kaufman and Hopkins, 1985; Matthews, 1974; West, 1981
I-4781	Giterman and others, 1982; Guthrie and Matthews, 1971; Harrington, 1978; Kaufman and Hopkins, 1985; Matthews, 1974; West, 1981
I-4949	McManus and Creager, 1984
I-4957	McManus and Creager, 1984
I-5303	Dumond, 1984; Nowak, 1982
I-5304	Buckley, 1973; Dumond, 1984
I-5376	Bockstoce, 1979; Dumond, 1984
I-5377	Bockstoce, 1979; Dumond, 1984
I-5378	Bockstoce, 1979; Dumond, 1984
I-5379	Bockstoce, 1979; Dumond, 1984
I-5380	Bockstoce, 1979; Dumond, 1984
I-5508	Nowak, 1982
I-5710	West, 1975,
I-5806	Nowak, 1982
I-5807	Nowak, 1982
I-5894	McManus and Creager, 1984
I-5981	Bockstoce, 1979; Dumond, 1984
I-5982	Bockstoce, 1979; Dumond, 1984
I-5983	Bockstoce, 1979; Dumond, 1984
I-6074	Williams and Carter, 1984
I-6075	Williams and Carter, 1984
I-6085	Bockstoce, 1979; Dumond, 1984
I-6091	Denton and Karlen, 1977
I-6092	Denton, 1974; Hamilton and Thorson, 1983
I-6094	Denton and Karlen, 1977; Lerbekmo and others, 1975
I-6096	Denton and Karlen, 1977
I-6229	Denton and Karlen, 1977
I-6230	Denton and Karlen, 1977; Lerbekmo and others, 1975
I-6231	Denton and Karlen, 1977
I-6232	Denton and Karlen, 1977
I-6234	Denton and Karlen, 1977
I-6304	Ackerman 1973; Ackerman and others, 1979; Buckley, 1973; Dumond, 1980; West, 1981
I-6315	Denton and Karlen, 1977
I-6393	Ackerman, 1973; Ackerman and others, 1979
I-6394	Ackerman, 1973; Ackerman and others, 1979
I-6395	Ackerman, 1973; Ackerman and others, 1979; Borden, 1979; Dumond, 1980
I-6414	Denton and Karlen, 1977
I-6415	Denton and Karlen, 1977
I-6464	Denton and Karlen, 1977; Lerbekmo and others, 1975
I-6465	Denton and Karlen, 1977
I-6466	Denton and Karlen, 1977; Lerbekmo and others, 1975
I-6467	Denton and Karlen, 1977; Lerbermo and others, 1975
I-6489	Denton and Karlen, 1977
I-6490	Denton and Karlen, 1977
I-6490-c	Denton and Karlen, 1977
I-7054	Ackerman and others, 1979
I-7055	Ackerman and others, 1979
I-7056	Ackerman and others, 1979
I-7057	Ackerman and others, 1979
I-7058	Ackerman and others, 1979
I-7700	Kaufman and Hopkins, 1985
I-7701	Kaufman and Hopkins, 1985
I-7702	Kaufman and Hopkins, 1985
I-7703	Kaufman and Hopkins, 1985
I-7704	Kaufman and Hopkins, 1985
I-7705	Kaufman and Hopkins, 1985
I-7706	Kaufman and Hopkins, 1985
I-7707	Kaufman and Hopkins, 1985
I-7708	Kaufman and Hopkins, 1985
I-7709	Kaufman and Hopkins, 1985
I-7710	Hamilton and Hopkins, 1982; Kaufman and Hopkins, 1985, 1986
I-8064	Ager, 1975
I-8065	Ager, 1975
I-8066	Ager, 1975; West, 1981
I-8067	Ager, 1975; West, 1981
I-8068	Ager, 1975; West, 1981
I-8070	Ager, 1975; West, 1981

Lab	Reference
I-8204	Ager, 1975
I-8205	Ager, 1975
I-8206	Ager, 1975
I-8207	Ager, 1975
I-8263	Thorson and Hamilton, 1977
I-8264	Thorson and Hamilton, 1977
I-8289	Weber and others, 1981
I-8290	Weber and others, 1981
I-8291	Hamilton and Bischoff, 1984; Weber and others, 1981
I-8292	Weber and others, 1981
I-8293	Kaufman and Hopkins, 1985
I-8582	Bonnichsen, 1979; Harington, 1978, 1980b; Morlan and Cinq-Mars, 1982
I-9271	Guthrie, 1985
I-9273	Guthrie, 1976, 1985
I-9274	Guthrie, 1976, 1985
I-9275	Guthrie, 1976, 1985
I-9277	Guthrie, 1976
I-9316	Guthrie, 1985
I-9317	Guthrie, 1976
I-9318	Guthrie, 1976, 1985
I-9319	Guthrie, 1976, 1985
I-9320	Guthrie, 1976, 1985
I-9321	Guthrie, 1976, 1985
I-9322	Guthrie, 1976
I-9342	Guthrie, 1985
I-9371	Guthrie, 1976, 1985
I-9372	Guthrie, 1976
I-9373	Guthrie, 1976
I-9420	Guthrie, 1976
I-9421	Guthrie, 1976
I-9422	Guthrie, 1976, 1985
I-9998	Harington, 1980b
I-10254	Hamilton, 1982; Porter and others, 1983
I-10256	Hamilton, 1979b
I-10258	Hamilton, 1982
I-10272	Williams, 1983a
I-10273	Williams, 1983b; Williams and Yeend, 1979; Yeend, 1983
I-10274	Hopkins and others, 1981
I-10277	Hamilton, 1980b
I-10328	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Williams, 1983a
I-10329	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Williams, 1983a
I-10330	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Williams, 1983a
I-10331	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Williams, 1983a
I-10332	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Hopkins and others, 1982; Williams, 1983a
I-10368	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Hopkins and others, 1982; Williams, 1983a
I-10369	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Hopkins and others, 1982; Rawlinson, 1983
I-10370	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Hopkins and others, 1982
I-10371	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Hopkins and others, 1982
I-10372	Buckley and Valdes-Pages, 1981; Hopkins and Robinson, 1979; Hopkins and others, 1982
I-10373	Hamilton, 1979b
I-10468	Hamilton, 1979b; Porter and others, 1983
I-10469	Hamilton, 1979b
I-10470	Hamilton, 1979b
I-10471	Hamilton, 1980b, 1982; Porter and others, 1983
I-10501	Brown and Kreig, 1983; Hamilton, 1980b
I-10503	Hamilton, 1979b
I-10504	Hamilton, 1979b
I-10505	Hamilton, 1979b
I-10506	Brown and Kreig, 1983; Hamilton, 1979b
I-10507	Hamilton, 1982; Porter and others, 1983
I-10508	Hamilton, 1979b
I-10509	Hamilton, 1979b
I-10510	Hamilton, 1979b
I-10519	Hamilton, 1979b
I-10520	Hamilton, 1979b
I-10526	Hamilton, 1979b
I-10532	Ten Brink, 1983
I-10535	Ten Brink, 1983
I-10536	Ten Brink, 1983
I-10537	Carter and Galloway, 1979
I-10538	Carter and Galloway, 1979
I-10539	Carter and Galloway, 1979
I-10540	Carter and Galloway, 1979
I-10541	Carter and Galloway, 1979
I-10542	Carter and Galloway, 1979
I-10567	Hamilton, 1979b; Porter and others, 1983
I-10568	Hamilton, 1979a
I-10570	Hamilton, 1980b
I-10571	Hamilton, 1980b
I-10573	Hamilton, 1980b, 1982; Porter and others, 1983
I-10596	Hamilton and Brubaker, 1983
I-10597	Hamilton, 1980b
I-10598	Hamilton, 1980b
I-10599	Hamilton, 1980b

Lab	Reference
I-10600	Hamilton, 1980b, 1982; Porter and others, 1983
I-10601	Hamilton, 1980b
I-10602	Hamilton, 1980b
I-10603	Hamilton, 1980b
I-10620	Hopkins and others, 1982
I-10622	Kaufman and Hopkins, 1985
I-10637	Hopkins and others, 1982
I-10638	Hopkins and others, 1982
I-10639	Hopkins and others, 1982
I-10640	Hopkins and others, 1982
I-10642	Hopkins and others, 1980; Rawlinson, 1983
I-10643	Hopkins and others, 1980; Rawlinson, 1983
I-10655	Davis and others, 1981; Gal, 1982; Irving, 1962
I-10657	Davis and others, 1981; Gal, 1982
I-10667	Davis and others, 1981; Gal, 1982
I-10668	Davis and others, 1981; Gal, 1982
I-10669	Davis and others, 1981; Gal, 1982
I-10679	Ten Brink, 1983
I-10686	Davis and others, 1981; Gal, 1982
I-10687	Davis and others, 1981; Gal, 1982
I-10698	Ten Brink, 1983
I-10714	Hamilton, 1980b, 1982; Porter and others, 1983
I-10715	Hamilton, 1979b
I-10783	Hamilton, 1980a
I-10784	Hamilton, 1980a
I-10785	Williams, 1983b
I-10787	Williams, 1983b; Yeend, 1983
I-10814	Carter, 1983
I-10816	Brown and Kreig, 1983; Hamilton, 1980b, 1982; Porter and others, 1983
I-10830	Hamilton, 1980b
I-10925	Hamilton, 1980a
I-10926	Hamilton, 1980a
I-10927	Hamilton, 1980a
I-10928	Hamilton and Brubaker, 1983
I-10929	Hamilton and Brubaker, 1983
I-10999	Hamilton, 1980b
I-11008	Hamilton, 1980b
I-11009	Hamilton, 1980b
I-11010	Hamilton, 1980a; Porter and others, 1983
I-11011	Hamilton, 1980a
I-11012	Hamilton, 1980a
I-11052	Hopkins and others, 1982
I-11054	Hopkins and others, 1982
I-11055	Hopkins and others, 1982
I-11073	Hopkins and others, 1981; Nelson, 1982
I-11074	Carter and Galloway, 1984; Hopkins, 1982
I-11123	Williams, 1983b
I-11124	Wiilliams, 1983b
I-11125	Williams, 1983a
I-11126	Williams and Galloway, 1986
I-11130	Williams and Galloway, 1986
I-11131	Kaufman and Hopkins, 1985, 1986
I-11143	Kaufman and Hopkins, 1985, 1986
I-11145	Yeend, 1984
I-11146	Yeend, 1983
I-11154	Yeend, 1984
I-11171	Ten Brink, 1983
I-11227	Hoffecker, 1982
I-11228	Porter and others, 1983; Ten Brink, 1983
I-11238	Hamilton, 1980b
I-11239	Hamilton, 1980b
I-11240	Hamilton, 1980a
I-11241	Hamilton and Brubaker, 1983
I-11373	Hopkins and others, 1982; Williams, 1983a
I-11377	Williams and Galloway, 1986
I-11380	Hamilton and Thorson, 1983
I-11397	Williams and Galloway, 1986
I-11400	Hamilton and Brubaker, 1983
I-11450	Hamilton and Brubaker, 1983
I-11468	Hamilton and Brubaker, 1983
I-11496	Williams, 1983b
I-11497	Williams and Galloway, 1986
I-11498	Williams and Galloway, 1986
I-11499	Williams and Galloway, 1986
I-11508	Hamilton and Brubaker, 1983
I-11510	Brown and Kreig, 1983
I-11571	Hamilton and Brubaker, 1983
I-11649	Williams and Galloway, 1986
I-11650	Williams and Galloway, 1986
I-11672	Williams and Carter, 1984
I-11673	Hamilton and Brubaker, 1983
I-11675	Carter, 1983
I-11676	Hopkins and others, 1982
I-11706	Bartsch-Winkler and Schmoll, 1984b
I-11717	Bartsch-Winkler and Schmoll, 1984a
I-11718	Bartsch-Winkler and Schmoll, 1984a
I-11767	Bartsch-Winkler and Schmoll, 1984a
I-11785	Weber, 1986
I-11864	Péwé and Reger, 1983b
I-11907	Williams and Galloway, 1986
I-11914	Williams and Carter, 1984
I-11949	Reger and Updike, 1983
I-11950	Reger and Updike, 1983
I-12008	Bartsch-Winkler and Schmoll, 1984a
I-12027	Bartsch-Winkler and Schmoll, 1984a

Lab	Reference
I-12029	Reger and Updike, 1983; Schmoll and Yehle, 1983
I-12108	Péwé and Reger, 1983b
I-12109	Péwé and Reger, 1983b
I-12110	Péwé and Reger, 1983b
I-12111	Péwé and Reger, 1983b
I-12127	Black, 1983
I-12128	Black, 1983
I-12129	Black, 1983
I-12130	Black, 1983
I-12131	Black, 1983
I-12132	Black, 1983
I-12161	Reger, 1982
I-12166	Reger, 1982
I-12167	Reger, 1982
I-12168	Reger, 1982
I-12177	Carter, 1983
I-12193	Hopkins and others, 1982
I-12194	Hopkins and others, 1982
I-12212	Riehle, 1985
I-12213	Riehle, 1985
I-12215	Riehle, 1985
I-12216	Riehle, 1985
I-12217	Riehle, 1985
I-12218	Riehle and Brew, 1984
I-12219	Riehle and Brew, 1984
I-12234	Riehle and Brew, 1984
I-12235	Riehle and Brew, 1984
I-12248	Riehle, 1985
I-12249	Riehle, 1985
I-12250	Riehle, 1985
I-12274	Riehle, 1985
I-12275	Riehle, 1985
I-12276	Riehle, 1985
I-12277	Riehle, 1985
I-12874	Brigham, 1985
I-12875	Brigham, 1985
I-12923	Brigham, 1985
I-12924	Brigham, 1985
I-12925	Brigham, 1985
I-12926	Brigham, 1985
I-12948	Brigham, 1985
I-12949	Brigham, 1985
I-12950	Brigham, 1985
I-12951	Brigham, 1985
I-12952	Brigham, 1985
I-12979	Brigham, 1985
I-12981	Brigham, 1985
I-13046	Williams and Galloway, 1986
I-13056	Detterman, 1986
I-13057	Detterman, 1986
I-13058	Detterman, 1986
I-13072	Schmoll and Yehle, 1986
I-13352	Riehle, 1985
I-13353	Riehle, 1985
I-13354	Riehle, 1985
I-13356	Riehle, 1985
I-13357	Riehle, 1985
I-13378	Riehle, 1985
I-13379	Riehle, 1985
I-13397	Riehle, 1985
I-13398	Riehle, 1985
I-13645	Williams and Galloway, 1986
I-13989	Kaufman and Hopkins, 1985
I-13990	Kaufman and Hopkins, 1985
I-13991	Kaufman and Hopkins, 1985
I-14019	Williams, 1986; Williams and Galloway, 1986
I-14096	Williams and Galloway, 1986

ISGS - Illionis State Geological Survey

Lab	Reference
ISGS-296	Liu and Coleman, 1981
ISGS-312	Liu and Coleman, 1981

IVIC - Caracas, Venezuela

Lab	Reference
IVIC-151	Tamers, 1966; Péwé, 1975b

K - Copenhagen, Denmark

Lab	Reference
K-108	Kaufman and Hopkins, 1985; Tauber, 1960
K-109-a	Larsen, 1982; Tauber, 1960
K-109-b	Tauber, 1960
K-147	Kaufman and Hopkins, 1985; Tauber, 1960
K-532	Kaufman and Hopkins, 1985; Tauber, 1962
K-537	Kaufman and Hopkins, 1985; Tauber, 1962
K-724	Gal, 1982; Larsen, 1968; Tauber, 1964
K-725	Gal, 1982, Larsen, 1968; Tauber, 1964
K-816	Tauber, 1968
K-817	Tauber, 1968
K-832	Tauber, 1968
K-835	Tauber, 1968
K-836	Tauber, 1968
K-837	Tauber, 1968
K-850	Tauber, 1968
K-851	Tauber, 1968
K-979	Kaufman and Hopkins, 1985; Tauber, 1968
K-980	Anderson, 1970a, 1984; Dumond, 1980; Kaufman and Hopkins, 1985; Tauber, 1968; West, 1981
K-982	Kaufman and Hopkins, 1985; Tauber, 1968
K-983	Kaufman and Hopkins, 1985; Tauber, 1968

Lab	Reference
K-1210	Anderson, 1984; Dumond, 1980; Guthrie, 1985; Harington, 1978; Kaufman and Hopkins, 1985; Larson, 1968; Morlan and Cinq-Mars, 1982; Tauber, 1968
K-1289	Kaufman and Hopkins, 1985; Tauber, 1968
K-1290	Kaufman and Hopkins, 1985; Tauber, 1968
K-1291	Kaufman and Hopkins, 1985; Tauber, 1968
K-1327	Anderson, 1984; Dumond, 1980; Harington, 1978, 1980b; Kaufman and Hopkins, 1985; Larson, 1968; Morlan and Cinq-Mars, 1982; Tauber, 1973
[illegible]3	Anderson, 1970b, 1984; Dumond, 1980; Haynes, 1982; Tauber, 1973; West, 1981
K-3542	Larsen, 1982

L - Lamont, Columbia University

Lab	Reference
L-101-a	Karlstrom, 1964; Kulp and others, 1951
L-101-b	Karlstrom, 1964; Kulp and others, 1951
L-106-b	Kulp and others, 1952
L-106-c	Kulp and others, 1951
L-112-d	Kulp and others, 1952
L-112-e	Kulp and others, 1952
L-112-f	Kulp and others, 1952
L-112-g	Kulp and others, 1951
L-112-h	Kulp and others, 1952
L-117-a	Karlstrom, 1964; Kulp and others, 1952
L-117-b	Karlstrom, 1964; Kulp and others, 1952
L-117-c	Kaufman and Hopkins, 1985; Kulp and others, 1952; McCulloch, 1967; McCulloch and Hopkins, 1966
L-117-d	Kaufman and Hopkins, 1985; Kulp and others, 1952; McCulloch and Hopkins, 1966
L-117-e	McCulloch and Hopkins, 1966
L-117-f	Kaufman and Hopkins, 1985; McCulloch, 1967; McCulloch and Hopkins, 1966
L-117-g	Kulp and others, 1952; Péwé, 1975b
L-117-h	Kulp and others, 1952; Péwé, 1975a, 1975b
L-117-i	Kulp and others, 1952; Péwé, 1975b
L-117-j	Karlstrom, 1964; Kulp and others, 1951
L-117-k	Karlstrom, 1964; Kulp and others, 1952; Reger and Updike, 1983
L-117-l	Hamilton and Thorson, 1983; Karlstrom, 1964; Kulp and others, 1952; Olson and Broecker, 1959; Reger and Updike 1983
L-117-n	Karlstrom, 1964; Kulp and others, 1952
L-117-m	Hamilton and Thorson, 1983; Karlstrom, 1964
L-117-o	Karlstrom, 1964; Olson and Broecker, 1959
L-127	Brown and Kreig, 1983; Hester, 1960; Kulp and others, 1952; Péwé, 1975a, 1975b
L-137-c	Hamilton and Thorson, 1983; Reger and Updike, 1983
L-137-d	Hamilton and Thorson, 1983; Karlstrom, 1964
L-137-e	Karlstrom, 1964; Reger and Updike, 1983
L-137-f	Kaufman and Hopkins, 1985; McCulloch and Hopkins, 1966
L-137-g	Hester, 1960; Kaufman and Hopkins, 1985; McCulloch, 1967; McCulloch and Hopkins, 1966
L-137-h	Broecker and others, 1956
L-137-i	Broecker and others, 1956
L-137-j	Broecker and others, 1956
L-137-k	Karlstrom, 1964
L-137-l	Hamilton and Thorson, 1983; Karlstrom, 1964
L-137-n	Hester, 1960; Kaufman and Hopkins, 1985; McCulloch, 1967; McCulloch and Hopkins, 1966
L-137-p	Broecker and others, 1956; Péwé, 1975b
L-137-q	Broecker and others, 1956; Péwé, 1975a, 1975b; Péwé and others, 1965; Péwé and Reger, 1983b
L-137-s	Broecker and others, 1956; Hopkins and others, 1981; Péwé, 1975a, 1975b
L-137-t	Karlstrom, 1964
L-137-u	Karlstrom, 1964
L-137-w	Karlstrom, 1964
L-137-x	Broecker and others, 1956; Péwé, 1975a, 1975b
L-157-a	Broecker and others, 1956; Péwé, 1975a, 1975b
L-157-b	Broecker and others, 1956; Hester, 1960; Péwé, 1975b;
L-158-a	Broecker and others, 1956; Péwé, 1975b

Lab	Reference
L-158-b	Broecker and others, 1956; Péwé, 1975b
L-163-a	Hamilton and Thorson, 1983; Olson and Broecker, 1958; Olson and Broecker, 1959, Reger and Updike 1983
L-163-b	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983
L-163-d	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983
L-163-e	Karlstrom, 1964; Reger and Updike, 1983
L-163-f	Karlstrom, 1964
L-163-g	Karlstrom, 1964; Reger and Updike, 1983
L-163-h	Broecker and others, 1956; Péwé, 1975b
L-163-i	Péwé, 1975b
L-163-j	Broecker and others, 1956; Péwé, 1975a, 1975b
L-163-k	Péwé, 1975a, 1975b; Péwé and others, 1965; Péwé and Reger, 1983b
L-207-d	Heusser 1953, 1960; McKenzie, 1970
L-237-a	Broecker and others, 1956, Williams, 1959
L-237-b	Olson and Broecker, 1959
L-237-c	Fernald, 1964
L-237-d	Fernald, 1964
L-237-e	Fernald, 1964
L-237-f	Karlstrom, 1964
L-237-g	Karlstrom, 1964
L-277-b	Broecker and others, 1956; Detterman and others, 1958
L-277-c	Broecker and others, 1956
L-277-d	Broecker and others, 1956
L-297-a	Olson and Broecker, 1959
L-297-b	Olson and Broecker, 1959
L-297-d	Ackerman and others, 1979; Broecker and Kulp, 1957; Heusser, 1965
L-297-e	Olson and Broecker, 1959
L-297-g	Olson and Broecker, 1959
L-301	Olson and Broecker, 1959
L-368	Olson and Broecker, 1958, 1959; Williams and Ferrians, 1961; Williams and Galloway, 1986
L-400-a	Brown, 1965; Drew and Tedrow, 1957; Olson and Broecker, 1958, 1959; O'Sullivan, 1961; Williams and Carter, 1984
L-400-b	Brown, 1965; Olson and Broecker, 1959; O'Sullivan, 1961; Williams and Carter, 1984
L-400-c	Olson and Broecker, 1958, 1959
L-434	Karlstrom, 1964; Olson and Broecker, 1959

Lab	Reference
L-462	Péwé and Reger, 1983b
L-511-a	Olson and Broecker, 1961
L-511-b	Olson and Broecker, 1961
L-567	Brown, 1965; Olson and Broecker, 1961; Williams and Carter, 1984
L-601	Farrand, 1961; Guthrie, 1985; Harington, 1978; McCulloch and Hopkins, 1966; Olson and Broecker, 1961; Péwé, 1975a, 1975b
L-1375	Harington, 1978

LJ - La Jolla, University of San Diego

Lab	Reference
LJ-631	Hubbs and others, 1965
LJ-632	Hubbs and others, 1965
LJ-633	Hubbs and others, 1965
LJ-938	Hubbs and others, 1965; Reimnitz, 1966
LJ-939	Hubbs and others, 1965; Reimnitz, 1966
LJ-942	Hubbs and others, 1965
LJ-943	Hubbs and others, 1965; Reimnitz, 1966
LJ-944	Hubbs and others, 1965
LJ-945	Hubbs and others, 1965; Reimnitz, 1966
LJGAP-28	Hubbs and Bien, 1967; Reimnitz, 1966
LJGAP-32	Hubbs and Bien, 1967; Reimnitz, 1966
LJGAP-33	Hubbs and Bien, 1967; Reimnitz, 1966
LJGAP-34	Hubbs and Bien, 1967; Reimnitz, 1966

M - University of Michigan

Lab	Reference
M-12	Crane, 1956
M-37	Crane, 1956; Péwé, 1975b
M-38	Crane, 1956; Guthrie, 1985; Hester, 1960; Péwé, 1975a, 1975b; West, 1981
M-91	Crane, 1956
M-92	Crane, 1956; Crane and Griffin, 1959
M-93	Crane, 1956
M-94	Crane, 1956; Crane and Griffin, 1959
M-676	Crane and Griffin, 1959
M-677	Crane and Griffin, 1959
M-678	Crane and Griffin, 1959
M-681	Crane and Griffin, 1959
M-682	Crane and Griffin, 1959
M-689	Crane and Griffin, 1961

Lab	Reference
M-690	Crane and Griffin, 1959
M-692	Crane and Griffin, 1959
M-693	Crane and Griffin, 1959
M-1260-a	Crane and Griffin, 1964; Dumond, 1965, 1968, 1969, 1984
M-1260-b	Crane and Griffin, 1964
M-1260-c	Crane and Griffin, 1964
M-1886	Crane and Griffin, 1968
M-1921	Crane and Griffin, 1968
M-1922	Crane and Griffin, 1968
M 1923	Crane and Griffin, 1968
M-1924	Crane and Griffin, 1968
M-1925	Crane and Griffin, 1968
M-1926	Crane and Griffin, 1968
M-1975	Crane and Griffin, 1972

Ml - University of Miami

Lab	Reference
Ml-159	Rusnak and others, 1964
Ml-160	Rusnak and others, 1964

N - Riken, Tokoyo, Japan

Lab	Reference
N-3235	Okada and others, 1979
N-3236	Okada and others, 1979
N-3237	Okada and others, 1979
N-3238	Okada and others, 1979
N-3239	Okada and others, 1979
N-3240	Okada and others, 1979
N-3241	Okada and others, 1979
N-3242	Okada and others, 1979
N-3243	Okada and others, 1979
N-3244	Okada and others, 1979
N-3245	Okada and others, 1979
N-3246	Okada and others, 1979

OWU - Ohio Wesleyan University

Lab	Reference
OWU-489	Ogden and Hay, 1973; Mickelson, 1973

P - University of Pennsylvania

Lab	Reference
P-13	Dumond, 1965, 1969, 1984; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-18	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-29	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-31	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-55	Gal, 1982; Giddings, 1957; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-55-a	Rainey and Ralph, 1959
P-63	Kaufman and Hopkins, 1985; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-64	Gal, 1982; Irwin, 1964
P-65	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-67	Kaufman and Hopkins, 1985; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-68	Kaufman and Hopkins, 1985; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-69	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-70	Dumnod, 1969; Gal, 1982; Giddings, 1961; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-71	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-73	Brown, 1965; Ford, 1959; Gal, 1982; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-73-a	Rainey and Ralph, 1959
P-80	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-83	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-84	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-85	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-88	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-92	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-93	Brown, 1965; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-94	Dumond, 1969; Giddings, 1961; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-95	Dumond, 1969; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-96	Dumond, 1969; Kaufman and Hopkins, 1985; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-97	Brown, 1965; Dumond, 1968; Ford, 1959; Gal, 1982; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-98	Gal, 1982; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-102	Anderson, 1970a; Dumond, 1984; Rainey and Ralph, 1959; Ralph and Ackerman, 1961

Lab	Reference
P-103	Anderson, 1970a; Dumond, 1984; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-104	Dumond, 1984; Giddings, 1961; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-105	Anderson, 1970a; Dumond, 1984; Giddings, 1961; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-108	Dumond, 1984; Giddings, 1961; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-110	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-138	Clark, 1984a; Laguna and others, 1964; Rainey and Ralph, 1959; Ralph and Ackerman, 1961; Workman, 1977; Workman and others, 1980
P-139	Clark, 1984a; Dumond, 1964; Rainey and Ralph, 1959; Ralph and Ackerman, 1961; Workman, 1977; Workman and others, 1980
P-173	Laguna and others, 1974; Workman, 1977
P-174	Clark, 1984a; Laguna and others, 1974; Rainey and Ralph, 1959; Ralph and Ackerman, 1961; Workman, 1977
P-175	Kaufman and Hopkins, 1985; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-178	Laguna and others, 1978
P-192	Clark, 1984a; Laguna and others, 1978; Rainey and Ralph, 1959; Ralph and Ackerman, 1961; Workman, 1977
P-203	Dumond, 1969; Kaufman and Hopkins, 1985; Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-225	Rainey and Ralph, 1959; Ralph and Ackerman, 1961
P-325	Giddings, 1961; Ralph and Ackerman, 1961
P-400	Stuckenrath and others, 1966
P-401	Stuckenrath and others, 1966
P-402	Stuckenrath and others, 1966
P-403	Stuckenrath and others, 1966
P-404	Stuckenrath and others, 1966
P-405	Stuckenrath and others, 1966
P-591-a	Lawn, 1975
P-592	Kaufman and Hopkins, 1985; Stuckenrath and others, 1966
P-593-a	Lawn, 1975
P-594-a	Lawn, 1975
P-595-a	Stuckenrath and others, 1966
P-596-a	Stuckenrath and others, 1966
P-597-a	Stuckenrath and others, 1966
P-598	Kaufman and Hopkins, 1985; Stuckenrath and others, 1966
P-599-a	Kaufman and Hopkins, 1985; Stuckenrath and others, 1966
P-611	Kaufman and Hopkins, 1985; Stuckenrath and others, 1966
P-612	Stuckenrath and others, 1966
P-613	Stuckenrath and others, 1966
P-615-a	Stuckenrath and others, 1966
P-616	Stuckenrath and others, 1966
P-617	Stuckenrath and others, 1966
P-618	Stuckenrath and others, 1966
P-619	Stuckenrath and others, 1966
P-621	Stuckenrath and others, 1966
P-623-a	Stuckenrath and others, 1966
P-624	Stuckenrath and others, 1966
P-626	Stuckenrath and others, 1966
P-627	Stuckenrath and others, 1966
P-629	Kaufman and Hopkins, 1985; Stuckenrath and others, 1966
P-766	Turner and others, 1974
P-981	Hopkins and others, 1981; Lawn, 1975
P-982	Hopkins and others, 1981; Lawn, 1975
P-984-a	Anderson, 1970a, 1970b; Lawn, 1975; West, 1981
P-985	Anderson, 1970a, 1970b; Lawn, 1975
P-987	Anderson, 1970a; Lawn, 1975
P-988	Anderson, 1970a; Lawn, 1975
P-998	Anderson, 1970a; Lawn, 1975
P-999	Lawn, 1975
P-1026	Hopkins and others, 1981; Lawn, 1975
P-1027	Lawn, 1975
P-1030-a	Lawn, 1975
P-1031	Lawn, 1975
P-1032	Lawn, 1975
P-1034	Clark, 1982, 1984a; Stuckenrath and others, 1966
P-1036	Clark, 1982, 1984a Dumon, 1958; Stuckenrath and others, 1966
P-1038	Stuckenrath and others, 1966
P-1039	Clark, 1984a; Stuckenrath and others, 1966
P-1041	Clark, 1984a; Stuckenrath and others, 1966
P-1042	Clark, 1970, 1984a; Stuckenrath and others, 1966
P-1043	Clark, 1970, 1984a; Stuckenrath and others, 1966
P-1044	Clark, 1984a; Stuckenrath and others, 1966
P-1045	Clark, 1984a; Stuckenrath and others, 1966
P-1047	Clark, 1984a; Stuckenrath and others, 1966
P-1048	Clark, 1984a; Stuckenrath and others, 1966

Lab	Reference
P-1049	Clark, 1984a; Stuckenrath and others, 1966
P-1050	Clark, 1984a; Stuckenrath and others, 1966
P-1057	Clark, 1970, 1984a; Stuckenrath and others, 1966
P-1064	Lawn, 1975
P-1065	Lawn, 1975
P-1066	Lawn, 1975
P-1067	Lawn, 1975
P-1068	Anderson, 1970a; Lawn, 1975
P-1069-a	Lawn, 1975
P-1070	Anderson, 1970a; Lawn, 1975
P-1071	Anderson, 1970a; Lawn, 1975
P-1072	Lawn, 1975
P-1073	Lawn, 1975
P-1074	Lawn, 1975; Hopkins and others, 1981
P-1075	Lawn, 1975; Hopkins and others, 1981
P-1076	Anderson, 1970a, 1970b; Lawn, 1975
P-1087	Aigner, 1978; Turner and others, 1974
P-1093	Lawn, 1975
P-1094	Lawn, 1975
P-1102	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975
P-1103	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975
P-1104	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975
P-1105	Laughlin, 1975; Laughlin and others, 1975
P-1106	Dumond, 1980
P-1107	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975
P-1108	Dumond, 1980; Laughlin, 1975; Laughlin and others, 1975
P-1109	Anderson, 1970a; Lawn, 1975
P-1110	Lawn, 1975
P-1111	Lawn, 1975
P-1111-a	Anderson, 1970a, 1970b; Lawn, 1975
P-1112	Lawn, 1975
P-1235	Alexander, 1969; Gal, 1982
P-1236	Alexander, 1969; Gal, 1982
P-1530	Dumond, 1984; Lawn, 1973; McGhee, 1971
P-1531	Dumond, 1984; Lawn, 1973
P-1532	Dumond, 1984; Lawn, 1973
P-1633	Kaufman and Hopkins, 1985; Lawn, 1971
P-1771	Lawn, 1973
P-1772	Dumond, 1984; Lawn, 1973
P-1801	Anderson, 1970a
P-1809	Fishman and others, 1977; Kaufman and Hopkins, 1985
P-1832	Lawn, 1974
P-1833	Lawn, 1974
P-1834	Holmes, 1973; Lawn, 1974; West, 1981
P-1835	Laughlin, 1975; Laughlin and others, 1975; Lawn, 1974
P-1836	Laughlin, 1975; Laughlin and others, 1975; Lawn, 1974
P-1837	Laughlin, 1975; Laughlin and others, 1975; Lawn, 1974
P-1927	Hopkins and others, 1981
P-2056	Gal, 1982; Lawn, 1975
P-2057	Gal, 1982; Lawn, 1975
P-2058	Gal, 1982; Lawn, 1975
P-2090	Lawn, 1975
P-2143	Gal, 1982; Lawn, 1975
P-2143-a	Lawn, 1975
P-2144	Gal, 1982; Lawn, 1975
P-2145	Gal, 1982; Lawn, 1975

PIC - Packard

Lab	Reference
PIC-2	Kowalski, 1965; Péwé, 1975b
PIC-3	Kowalski, 1965; Péwé, 1975b
PIC-4	Kowalski, 1965; Péwé, 1975b
PIC-5	Hopkins and others, 1981; Kowalski, 1965; Péwé, 1975b
PIC-6	Kowalski, 1965; Péwé, 1975b
PIC-11	Kowalski and Shrodt, 1966; Péwé, 1975b
PIC-12	Kowalski and Shrodt, 1966; Péwé, 1975b
PIC-13	Kowalski and Shrodt, 1966
PIC-14	Kowalski and Shrodt, 1966; Péwé, 1975b

Ql - Quaternary Isotope Laboratory
University of Washington

Lab	Reference
Ql-660	Guthrie, 1985
Ql-661	Guthrie, 1985
Ql-666	Guthrie, 1985
Ql-667	Guthrie, 1985
Ql-668	Guthrie, 1985
Ql-669	Guthrie, 1985
Ql-670	Guthrie, 1985
Ql-672	Guthrie, 1985
Ql-673	Guthrie, 1985
Ql-675	Guthrie, 1985
Ql-1178	Morlan and Cinq-Mars, 1982; Porter, 1986
Ql-1213	Porter, 1986
Ql-1348	Hamilton and Brubaker, 1983
Ql-1365	Ten Brink, 1983
Ql-1366	Ten Brink, 1983
Ql-1367	Hamilton, 1982; Ten Brink, 1983
Ql-1368	Hamilton, 1982; Porter and others, 1983; Ten Brink, 1983

Lab	Reference
Ql-1369	Ten Brink, 1983
Ql-1370	Ten Brink, 1983
Ql-1371	Ten Brink, 1983
Ql-1379	Hamilton and Brubaker, 1983
Ql-1380	Hamilton and Brubaker, 1983
Ql-1381	Hamilton and Brubaker, 1983
Ql-1382	Hamilton and Brubaker, 1983
Ql-1383	Hamilton and Brubaker, 1983
Ql-1384	Hamilton and Brubaker, 1983
Ql-1432	Hamilton and Brubaker, 1983
Ql-1480	Hamilton and Brubaker, 1983
Ql-1487	Hamilton and Brubaker, 1983
Ql-1519	Hamilton and Brubaker, 1983
Ql-1520	Hamilton and Brubaker, 1983
Ql-1521	Hamilton and Brubaker, 1983
Ql-1522	Hamilton and Brubaker, 1983
Ql-1523	Hamilton and Brubaker, 1983
Ql-1524	Hamilton and Brubaker, 1983
Ql-1526	Hamilton and Brubaker, 1983
Ql-1527	Hamilton and Brubaker, 1983
Ql-1528	Hamilton and Brubaker, 1983
Ql-1613	Mann, 1986
Ql-1725	Kaufman and Hopkins, 1985

Rl - Radiocarbon Ltd.

Lab	Reference
Rl-402	Guthrie, 1985; Tucek, 1977
Rl-739	Holmes, 1982

S - University of Saskatchewan, Canada

Lab	Reference
S-417	Rutherford and others, 1973
S-418	Rutherford and others, 1973
S-419	Rutherford and others, 1973
S-655	Clark, 1973; Holmes, 1982; Rutherford and others, 1975
S-656	Clark, 1973, 1984b; Holmes, 1982; Rutherford and others, 1975
S-657	Clark, 1973, 1984b; Holmes, 1982; Rutherford and others, 1975
S-658	Clark, 1973; Holmes, 1982; Rutherford and others, 1975
S-920	Rutherford and others, 1979
S-921	Rutherford and others, 1981
S-975	Rutherford and others, 1981
S-976	Clark, 1984b; Rutherford and others, 1979
S-1040	Clark, 1984a; Reger, 1977; Rutherford and others, 1981
S-1041	Clark, 1984a; Reger, 1977; Rutherford and others, 1981
S-1042	Clark, 1984a; Rutherford and others, 1981; Workman, 1977; Workman and others, 1980
S-1043	Clark, 1984a; Rutherford and others, 1979; Workman, 1977; Workman and others, 1980
S-1054	Clark, 1984a; Rutherford and others, 1981; Workman, 1977; Workman and others, 1980
S-1055	Rutherford and others, 1981; Workman, 1977
S-1062	Clark, 1984a; Rutherford and others, 1981; Workman, 1977; Workman and others, 1980
S-1063	Clark, 1984a; Rutherford and others, 1981; Workman, 1977; Workman and others, 1980
S-1418	Clark, 1982, 1984a; Rutherford and others, 1981
S-1419	Clark, 1982, 1984a; Rutherford and others, 1981

SHELL

Lab	Reference
SHELL-6713-a	Gal, 1982; Humphrey, 1970

SI - Smithsonian Institution

Lab	Reference
SI-28	Long, 1965
SI-114	Anderson, 1984; Campbell, 1961; Clark, 1972; Gal, 1982; Hamilton, 1980a; Long, 1965; Shinkwin, 1964; West, 1981
SI-122	Holmes and others, 1968; Krinsley, 1965; Long, 1965
SI-123	Krinsley, 1965; Long, 1965
SI-290	Guthrie, 1985; Mielke and Long, 1969; Péwé, 1975a, 1975b; West, 1981
SI-291	Guthrie, 1985;Harington, 1978; Mielke and Long, 1969; Péwé, 1975a, 1975b
SI-292	Guthrie, 1985; Harington, 1978; Péwé, 1975a, 1975b; West, 1981
SI-355	Guthrie, 1985; Harington, 1978, 1980b; Mielke and Long, 1969; Péwé, 1975a, 1975b
SI-356	Mielke and Long, 1969; Péwé, 1975b
SI-453	Guthrie, 1985; Hopkins and others, 1981; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1970; West, 1981
SI-454	Guthrie, 1985; Harington, 1978; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1970

Lab	Reference
SI-455	Harington, 1978; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1970
SI-456	Harington, 1980b; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1970; West, 1981
SI-737	Ager, 1972; Péwé, 1975b; Reeburgh and Young, 1976; Stuckenrath and Mielke, 1973; West, 1981
SI-738	Ager, 1972; Péwé, 1975b; Reeburgh and Young, 1976; Stuckenrath and Mielke, 1973
SI-739	Ager, 1972; Péwé, 1975b; Reeburgh and Young, 1976; Stuckenrath and Mielke, 1973
SI-742	Gal, 1982; Stuckenrath and Mielke, 1973
SI-837	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-838	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973; West, 1981
SI-839	Bonnichsen, 1979; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973; West, 1981
SI-840	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-841	Bonnichsen, 1979; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973; West, 1981
SI-842	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-843	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-844	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-845	Bonnichsen, 1979; Guthrie, 1985; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-850	Bonnichsen, 1979; Guthrie, 1985; Harington, 1978; Péwé, 1975a, 1975b; Stuckenrath and Mielke, 1973
SI-851	Bonnichesen, 1979; Guthrie, 1985; Péwé, 1975a; Stuckenrath and Mielke, 1973; West, 1981
SI-852	Guthrie, 1985; Stuckenrath and Mielke, 1973
SI-903	Stuckenrath and Mielke, 1973
SI-905	Stuckenrath and Mielke, 1973
SI-906	Stuckenrath and Mielke, 1973
SI-911	Stuckenrath and Mielke, 1973
SI-912	Stuckenrath and Mielke, 1973

Lab	Reference
SI-913	Stuckenrath and Mielke, 1973
SI-914	Stuckenrath and Mielke, 1973
SI-915	Stuckenrath and Mielke, 1973
SI-916	McCartney, 1974; Stuckenrath and Mielke, 1973
SI-917	McCartney, 1974; Stuckenrath and Mielke, 1973
SI-918	McCartney, 1974; Stuckenrath and Mielke, 1973
SI-919	McCartney, 1974; Stuckenrath and Mielke, 1973
SI-920	McCartney, 1974; Stuckenrath and Mielke, 1973
SI-921	McCartney, 1974; Stuckenrath and Mielke, 1973
SI-965	Stuckenrath and Mielke, 1973; Turner and Turner, 1974
SI-966	Turner and Turner, 1974
SI-967	Stuckenrath and Mielke, 1973; Turner, 1982; Turner and Turner, 1974
SI-968	Stuckenrath and Mielke, 1973; Turner and Turner, 1974
SI-972-a	Dixon, 1975; Gal, 1982; Stuckenrath and Mielke, 1973
SI-973-a	Dixon, 1975; Gal, 1982; Hamilton, 1979b; Stuckenrath and Mielke, 1973
SI-974	Brown and Kreig, 1983; Dixon, 1975; 1976; Dumond, 1980; Gal, 1982; Hamilton, 1979b; Stuckenrath and Mielke, 1973; West, 1981
SI-975	Dixon, 1975; Gal, 1982; Hamilton, 1979b; Stuckenrath and Mielke, 1973
SI-1046	Dumond, 1980
SI-1103	Denton and Karlen, 1977; Hamilton and Thorson, 1983; Stuckenrath and Mielke, 1973
SI-1425	Hamilton, n.d.
SI-1426	Hamilton, n.d.
SI-1427	Dixon, 1976; Hamilton, 1979b
SI-1428	Dixon, 1976; Hamilton, 1979b
SI-1544	Powers and Hamilton, 1978; Thorson and Hamilton, 1977
SI-1560	Hamilton and Porter, 1975; Hamilton, n.d.
SI-1561	Dixon, 1976; Dumond, 1980; Guthrie, 1985; Haynes, 1982; Irving, 1974; Powers and Hamilton, 1978, Thorson and Hamilton, 1977; West, 1981
SI-1849	Dumond and others, 1976
SI-1850	Dumond and others, 1976
SI-1851	Dumond and others, 1976
SI-1852	Dumond and others, 1976
SI-1853	Dumond, 1984; Dumond and others, 1976
SI-1854	Dumond and others, 1976

Lab	Reference
SI-1855	Dumond and others, 1976
SI-1856	Dumond, 1984; Dumond and others, 1976
SI-1857	Dumond, 1984; Dumond and others, 1976
SI-1858	Dumond and others, 1976
SI-1859	Dumond, 1984; Dumond and others, 1976
SI-1860	Dumond, 1984; Dumond and others, 1976
SI-1875	Hamilton, 1980b, 1982; Porter and others, 1983; Schweger, 1982
SI-1876	Hamilton, 1980b, 1982; Porter and others, 1983; Schweger, 1982
SI-1877	Hamilton, 1980b, 1982; Porter and others, 1983; Schweger, 1982
SI-1878	Hamilton, 1980b, 1982; Hamilton and Porter, 1975
SI-1879	Hamilton, 1980b; Schweger, 1982
SI-1880	Hamilton, 1980b, 1982; Porter and others, 1983; Schweger, 1982
SI-1881	Hamilton, 1980b, 1982; Porter and others, 1983; Schweger, 1982
SI-1882	Hamilton, 1980b, 1982; Hamilton and Porter, 1975; Porter and others, 1983; Schweger, 1982
SI-1933-a	Thorson and Hamilton, 1977
SI-1933-b	Thorson and Hamilton, 1977
SI-1934	Thorson and Hamilton, 1977
SI-1935-a	Thorson and Hamilton, 1977
SI-1935-b	Thorson and Hamilton, 1977
SI-1935-c	Thorson and Hamilton, 1977
SI-1936	Powers and Hamilton, 1978; Thorson and Hamilton, 1977
SI-1937	Thorson and Hamilton, 1977
SI-1938	Powers and Hamilton, 1978; Thorson and Hamilton, 1977
SI-1939	Thorson and Hamilton, 1977
SI-1940	Thorson and Hamilton, 1977
SI-1941	Thorson and Hamilton, 1977
SI-1955	Detterman, 1986; Dumond, 1980, 1984; Dumond and others, 1976; Irving, 1976; West, 1981
SI-1956	Detterman, 1986; Dumond, 1980, 1984; Dumond and others, 1976; Irving, 1976; West, 1981
SI-1957	Dumond, 1980, 1984; Dumond and others, 1976; Irving, 1976
SI-1998	Dumond, 1984; Dumond and others, 1976; Henn, 1977; Irving, 1976; West, 1981
SI-2072	Dumond, 1984; Dumond and others, 1976
SI-2073	Dumond and others, 1976
SI-2074	Dumond and others, 1976
SI-2075	Dumond, 1984; Dumond and others, 1976
SI-2076	Dumond and others, 1976; Henn, 1977
SI-2078	Dumond and others, 1976; Henn, 1977
SI-2079	Dumond and others, 1976
SI-2082	Ackerman and others, 1979; Mann, 1986
SI-2086	Ackerman and others, 1979
SI-2089	Ackerman and others, 1979
SI-2090	Ackerman and others, 1979
SI-2091	Ackerman and others, 1979
SI-2092	Ackerman and others, 1979
SI-2093	Ackerman and others, 1979
SI-2094	Ackerman and others, 1979
SI-2095	Ackerman and others, 1979
SI-2096	Ackerman and others, 1979
SI-2097	Ackerman and others, 1979
SI-2098	Ackerman and others, 1979
SI-2101	Ackerman and others, 1979
SI-2102	Ackerman and others, 1979
SI-2103	Ackerman and others, 1979
SI-2104	Ackerman and others, 1979
SI-2105	Ackerman and others, 1979
SI-2106	Ackerman and others, 1979
SI-2107	Ackerman and others, 1979
SI-2108	Ackerman and others, 1979
SI-2109	Ackerman and others, 1979
SI-2111	Ackerman and others, 1979
SI-2112	Ackerman and others, 1979
SI-2113	Ackerman and others, 1979
SI-2115	Thorson and Hamilton, 1977
SI-2158	Gal, 1982; Stanford, 1976
SI-2159	Gal, 1982; Stanford, 1976
SI-2160	Gal, 1982; Stanford, 1976
SI-2161	Gal, 1982; Stanford, 1976
SI-2162	Gal, 1982; Stanford, 1976
SI-2169	Irving, 1976
SI-2170	Irving, 1976
SI-2171	Irving, 1976
SI-2171-b1	Schweger, 1981; West, 1975
SI-2171-b2	Schweger, 1981; West, 1975
SI-2172	Irving, 1976
SI-2173	Irving, 1976
SI-2174	Irving, 1976
SI-2175	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975
SI-2176	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975
SI-2177	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975
SI-2178	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975
SI-2179	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975
SI-2180	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975

Lab	Reference
SI-2181	Irving, 1976; Laughlin, 1975; Laughlin and others, 1975
SI-2182	Irving, 1976
SI-2183	Irving, 1976
SI-2328	Thorson and Hamilton, 1977; West, 1981
SI-2329	Dumond, 1980; Powers and Hamilton, 1978; Thorson and Hamilton, 1977
SI-2331	Thorson and Hamilton, 1977
SI-2332	Thorson and Hamilton, 1977
SI-2333	Thorson and Hamilton, 1977
SI-2382	Bryan, 1978; Dumond, 1980; Gal, 1982; Hamilton, 1979b; Haynes, 1978, 1982; Morland, 1977; Morlan and Cinq-Mars, 1982
SI-2492	Detterman, 1986; Dumond, 1980, 1984; Dumond and others, 1976; Henn, 1977; West, 1981
SI-2493	Dumond and others, 1976
SI-2494	Dumond, 1984; Dumond and others, 1976; Henn, 1977; West, 1981
SI-2551	Dumond and others, 1976; Henn, 1977
SI-2552	Dumond and others, 1976; Henn, 1977
SI-2640	Dumond, 1984; Dumond and others, 1976; Henn, 1977; West, 1981
SI-2641	Detterman, 1986; Dumond, 1980, 1984; Dumond and others, 1976; Henn, 1977; West, 1981
SI-2642	Dumond and others, 1976; Henn, 1977
SI-2643	Dumond, 1984; Dumond and others, 1976; Henn, 1977; West, 1981
SI-2644	Dumond and others, 1976; Henn, 1977
SI-2645	Dumond and others, 1976; Henn, 1977
SI-2646	Dumond and others, 1976; Henn, 1977
SI-2649	Dumond and others, 1976; Henn, 1977
SI-2650	Dumond and others, 1976; Henn, 1977
SI-2880	Dumond, 1980; Haynes, 1982; Powers and Hamilton, 1978; Thorson and Hamilton, 1977
SI-3776	Dumond, 1980; West, 1981; Workman, 1980
SI-3777	Workman, 1980
SI-3778	Dumond, 1980; West, 1981; Workman, 1980
SI-3787	Workman, 1980
SI-3788	Workman, 1980
SI-3789	Workman, 1980
SI-4233	Ager, 1983
SI-4234	Ager, 1983
SI-4352	West, 1981
SI-4354	West, 1981
SI-4499	Ager, 1983
SI-4500	Ager, 1983
SI-4501	Ager, 1983

SM - Mobil Oil Corporation

Lab	Reference
SM-915	Gal, 1982
SM-916	Gal, 1982; Shinkwin, 1964
SM-917	Gal, 1982; Shinkwin, 1964
SM-918	Gal, 1982; Shinkwin, 1964
SM-919-a	Gal, 1982; Shinkwin, 1964
SM-919-b	Gal, 1982; Shinkwin, 1964
SM-920	Gal, 1982; Shinkwin, 1964
SM-921	Gal, 1982
SM-922	Gal, 1982
SM-923	Gal, 1982
SM-924	Gal, 1982
SM-925	Gal, 1982; Shinkwin, 1964
SM-926	Gal, 1982

SMU - Southern Methodist University

Lab	Reference
SMU-620	Weber and others, 1981
SMU-621	Weber and others, 1981
SMU-640	Hamilton and Bischoff, 1984; Weber and others, 1981

St - Stockholm, Sweeden

Lab	Reference
St-1631	Guthrie, 1985; Péwé, 1975a, 1975b; West, 1981
St-1632	Brown and Kreig, 1983; Guthrie, 1985; Harington, 1978; Hopkins and others, 1976; Péwé, 1965a, 1975a, 1975b
St-1633	Brown and Kreig, 1983; Guthrie, 1985; Harington, 1978; Péwé, 1965a, 1975a, 1975b; West, 1981
St-1721	Brown and Kreig, 1983; Guthrie, 1985; Harington, 1978; Péwé, 1965a, 1975a, 1975b

T - Trondheim, Norway

Lab	Reference
T-303	Holmes and Foster, 1968

TAM - Texas A & M University

Lab	Reference
TAM-2	Noakes and others, 1964

Tk - Tokyo Radiocarbon Laboratory, Japan

Lab	Reference
Tk-124	Okada and Okada, 1974a, 1974b, 1974c, 1976
Tk-125	Okada and Okada, 1974a, 1974b, 1974c, 1976

Tx - University of Texas

Lab	Reference
Tx-2	Stipp and others, 1962
Tx-157	Péwé, 1975b
Tx-158-a	Péwé, 1975b
Tx-158-b	Péwé, 1975b
Tx-159	Péwé, 1975b
Tx-160	Péwé, 1975b
Tx-220	Brown, 1965; Pearson and others, 1965; Williams and Carter, 1984
Tx-4047	Hopkins, 1982

UCLA - University of California, Los Angeles

Lab	Reference
UCLA-1858	Hamilton and Thorson, 1983; Hopkins and others, 1981; Péwé and Reger, 1983b; Schweger, 1981; West, 1975, 1980
UCLA-1859	Hamilton and Thorson, 1983; Péwé and Reger, 1983b; Schweger, 1981; West, 1975, 1980
UCLA-1875-a	Brandau and Noakes, 1981

UGa - University of Georgia

Lab	Reference
UGa-253	Noakes and Brandau, 1974; West, 1975
UGa-519	Brandau and Noakes, 1978
UGa-527	Brandau and Noakes, 1978; West, 1975
UGa-529	Brandau and Noakes, 1978
UGa-530	Brandau and Noakes, 1978
UGa-531	Brandau and Noakes, 1978
UGa-572	Brandau and Noakes, 1978; Dumond, 1980; Péwé and Reger, 1983b; Schweger, 1981; West, 1975, 1980
UGa-914	Brandau and Noakes, 1978
UGa-915	Brandau and Noakes, 1978
UGa-927	Brandau and Noakes, 1978; Péwé and Reger; Schweger, 1981; West, 1975
UGa-941	West, 1981; Péwé and Reger, 1983b
UGa-949	West, 1981
UGa-950	Brandau and Noakes, 1978
UGa-973	Brandau and Noakes, 1978
UGa-974	Brandau and Noakes, 1978
UGa-1931	Clark, 1984a
UGa-2339	Clark, 1984a; Workman, 1977, 1980; Workman and others, 1980
UGa-2340	Clark, 1984a; Workman, 1977, 1980; Workman and others, 1980
UGa-2341	Clark, 1984a; Workman, 1977, 1980; Workman and others, 1980
UGa-2342	Clark, 1984a; Workman, 1977, 1980; Workman and others, 1980
UGa-2343	Clark, 1984a; Workman, 1977, 1980; Workman and others, 1980
UGa-2344	Clark, 1984a; Workman, 1977, 1980; Workman and others, 1980
UGa-2820	Clark, 1984a
UGa-2822	Clark, 1984a
UGa-3719	Gal, 1982; Lobdell, 1981
UGa-3812	Shaw, 1982

USGS - U.S. Geological Survey, Menlo Park

Lab	Reference
USGS-30	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-31	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-32	Robinson, 1977
USGS-39	Robinson, 1977
USGS-41	Hamilton, 1979a
USGS-42	Hamilton, 1979b; Robinson, 1977
USGS-43	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-44	Hamilton, 1979b; Robinson, 1977
USGS-45	Brown and Kreig, 1983; Hamilton, 1980b; Robinson and Trimble, 1981
USGS-47	Hamilton, 1979b; Porter and others, 1983; Robinson and Trimble, 1981
USGS-48	Dupré, 1978; Robinson and Trimble, 1983
USGS-49	Dupré, 1978; Robinson and Trimble, 1983
USGS-50	Dupré, 1978; Robinson and Trimble, 1983
USGS-51	Dupré, 1978; Robinson and Trimble, 1983
USGS-52	Dupré, 1978; Robinson and Trimble, 1983
USGS-53	Dupré, 1978; Robinson and Trimble, 1983

Lab	Reference
USGS-56	Robinson and Trimble, 1981
USGS-73	Robinson, 1977
USGS-75	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-76-b	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-77	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-78	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-108	Robinson and Trimble, 1981
USGS-126	Bartsch-Winkler and others, 1983; Robinson and Trimble, 1981
USGS-127	Bartsch-Winkler and others, 1983; Robinson and Trimble, 1981
USGS-132	Hopkins and Robinson, 1979; Hopkins and others, 1982; Robinson and Trimble, 1981
USGS-154	Bartsch-Winkler and others, 1983; Robinson and Trimble, 1981
USGS-155	Kaufman and Hopkins, 1985; Robinson and Trimble, 1981
USGS-156	Kaufman and Hopkins, 1985; Robinson and Trimble, 1981
USGS-157	Kaufman and Hopkins, 1985; Robinson and Trimble, 1981
USGS-158	Robinson and Trimble, 1981
USGS-159	Robinson and Trimble, 1981
USGS-161	Hamilton, 1982; Porter and others, 1983; Robinson and Trimble, 1981
USGS-162	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-163	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-164	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-165	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-166	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-167	Hamilton, 1979b; Robinson and Trimble, 1981
USGS-174	Robinson and Trimble, 1981
USGS-175	Robinson and Trimble, 1981
USGS-176	Robinson and Trimble, 1981
USGS-183	Robinson and Trimble, 1981
USGS-184	Robinson and Trimble, 1981
USGS-185	Robinson and Trimble, 1981
USGS-186	Robinson and Trimble, 1981
USGS-187	Robinson and Trimble, 1981
USGS-188	Nelson, 1978; Robinson and Trimble, 1981
USGS-192	Hopkins and Robinson, 1979; Hopkins and others, 1982; Nelson, 1978; Robinson and Trimble, 1981
USGS-205	Robinson and Trimble, 1981
USGS-206	Robinson and Trimble, 1981
USGS-207	Robinson and Trimble, 1981
USGS-208	Robinson and Tribmle, 1981
USGS-209	Robinson and Trimble, 1981
USGS-210	Hopkins and Robinson, 1979; Hopkins and others, 1982; Robinson and Trimble, 1981
USGS-212	Dupré, 1978; Robinson and Trimble, 1983
USGS-213	Dupré, 1978; Robinson and Trimble, 1983
USGS-214	Dupré, 1978; Robinson and Trimble, 1983
USGS-215	Dupré, 1978; Hopkins, 1982; Robinson and Trimble, 1983
USGS-217	Dupré, 1978; Robinson and Trimble, 1983
USGS-218	Dupré, 1978; Robinson and Trimble, 1983
USGS-219	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-225	Dupré, 1978; Robinson and Trimble, 1983
USGS-226	Dupré, 1978; Robinson and Trimble, 1983
USGS-228	Bartsch-Winkler and others, 1983; Robinson and Trimble, 1981
USGS-229	Robinson and Trimble, 1981
USGS-249	Hopkins, 1982; Hopkins and others, 1982; Robinson and Trimble, 1981
USGS-274	Hamilton, 1979b
USGS-290	Robinson and Trimble, 1981
USGS-291	Robinson and Trimble, 1981
USGS-292	Robinson and Trimble, 1981
USGS-293	Robinson and Trimble, 1981
USGS-294	Robinson and Trimble, 1981
USGS-316	Robinson and Trimble, 1983
USGS-317	Ager and Sims, 1981b; Hamilton and Thorson, 1983; Robinson and Trimble, 1983
USGS-331	Bartsch-Winkler and others, 1983
USGS-332	Bartsch-Winkler and others, 1983; Ovenshine and others, 1976
USGS-335	Hamilton and others, 1983; Robinson and Trimble, 1981
USGS-338	Ager and Sims, 1981a; Robinson and Trimble, 1983
USGS-339	Ager amd Sims, 1981a; Robinson and Trimble, 1983
USGS-352	Kaufman and Hopkins, 1985; Robinson and Trimble, 1983
USGS-353	Robinson and Trimble, 1983; Robinson and Trimble, 1983
USGS-354	Robinson and Trimble, 1983; Robinson and Trimble, 1983

Lab	Reference
USGS-356	Kaufman and Hopkins, 1985; Robinson and Trimble, 1983
USGS-357	Kaufman and Hopkins, 1985; Robinson and Trimble, 1983
USGS-358	Robinson and Trimble, 1983
USGS-360	Carter and Robinson, 1981
USGS-374	Robinson and Trimble, 1981
USGS-376	Hamilton, 1979a; Robinson and Trimble, 1981
USGS-377	Carter and Robinson, 1978; Robinson and Trimble, 1983
USGS-378	Carter and Robinson, 1978; Robinson and Trimble, 1983
USGS-379	Carter and Galloway, 1979; Carter and Robinson, 1978; Robinson and Trimble, 1983
USGS-380	Carter and Robinson, 1978; Robinson and Trimble, 1983
USGS-410	Hamilton, 1980b; Robinson and Trimble, 1981
USGS-412	Hamilton, 1980b; Robinson and Trimble, 1981
USGS-413	Hamilton, 1980b, 1982; Porter and others, 1983; Robinson and Trimble, 1981
USGS-414	Hamilton, 1980b
USGS-415	Hamilton, 1979a
USGS-416	Hamilton, 1979a
USGS-431	Robinson and Trimble, 1983
USGS-448	Carter and Galloway, 1979; Robinson and Trimble, 1983
USGS-449	Robinson and Trimble, 1983; Robinson and Trimble, 1983
USGS-454	Carter and Galloway, 1979
USGS-456	Robinson and Trimble, 1983
USGS-457	Robinson and Trimble, 1983
USGS-465	Hamilton and Brubaker, 1983
USGS-466	Hamilton and Brubaker, 1983
USGS-467	Hamilton and Brubaker, 1983
USGS-468	Hamilton and Brubaker, 1983
USGS-469	Hamilton and Brubaker, 1983
USGS-470	Hamilton and Brubaker, 1983
USGS-477	Workman, 1981
USGS-478	Gal, 1982; Workman, 1981
USGS-479	Gal, 1982; Workman, 1981
USGS-480	Gal, 1982; Workman, 1981
USGS-499	Hopkins and others, 1981; Hopkins and Robinson, 1979; Williams, 1983a
USGS-500	Hopkins and others, 1981; Hopkins and Robinson, 1979; Williams, 1983a
USGS-501	Hopkins and Robinson, 1979; Hopkins and others, 1982
USGS-503	Hopkins and Robinson, 1979; Hopkins and others, 1982
USGS-504	Hopkins and others, 1981
USGS-505	Hopkins and Robinson, 1979
USGS-506	Hopkins and Robinson, 1979; Hopkins and others, 1982; Williams, 1983a
USGS-509	Hopkins and Robinson, 1979; Hopkins and others, 1982
USGS-510	Hopkins and others, 1982
USGS-512	Hopkins and others, 1982
USGS-516	Hopkins and others, 1982
USGS-517	Hopkins and Robinson, 1979; Hopkins and others, 1982; Williams, 1983a
USGS-608	Gal, 1982
USGS-624	Carter, 1983
USGS-628	Nelson, 1982
USGS-630	Carter and Galloway, 1982
USGS-631	Carter and Galloway, 1982
USGS-632	Robinson and Trimble, 1983
USGS-638	Hopkins and others, 1982
USGS-639	Elliot and others, 1981
USGS-655	Hamilton, 1982; Porter and others, 1983; Ten Brink, 1983
USGS-656	Hamilton, 1982; Porter and others, 1983; Ten Brink, 1983
USGS-675	Brigham, 1985; Carter and Galloway, 1982
USGS-676	Carter and Robinson, 1981
USGS-689	Hopkins and others, 1982
USGS-691	Hopkins and others, 1982
USGS-694	Hamilton, 1980a; Porter and others, 1983
USGS-695	Hamilton, 1980a; Porter and others, 1983
USGS-696	Hamilton, 1980a
USGS-697	Hamilton, 1980a
USGS-745	Nelson, 1982
USGS-746	Nelson, 1982
USGS-747	Nelson, 1982
USGS-783	Hopkins and others, 1982
USGS-807	Robinson and Trimble, 1983
USGS-823	Carter, 1983
USGS-824	Carter, 1983
USGS-825	Carter, 1983
USGS-826	Carter, 1983
USGS-860	Hopkins and Robinson, 1981
USGS-861	Hopkins and Robinson, 1981
USGS-862	Hopkins and Robinson, 1981
USGS-882	Hopkins and others, 1981; Hopkins and Robinson, 1981
USGS-883	Hopkins and others, 1981; Hopkins and Robinson, 1981; Nelson, 1982
USGS-923	Molnina, 1986
USGS-924	Molnina, 1986
USGS-927	Molnina, 1986
USGS-985	Hamilton and others, 1983
USGS-986	Hamilton and others, 1983
USGS-987	Hamilton and others, 1983
USGS-988	Hamilton and others, 1983
USGS-1029	Carter, 1983
USGS-1034	Williams and Carter, 1984

Lab	Reference
USGS-1035	Williams and Carter, 1984
USGS-1037	Carter and Galloway, 1984; Hopkins, 1982
USGS-1043	Hamilton, 1982; Hamilton and Brubaker, 1983; Porter and others, 1983
USGS-1044	Hamilton, 1982; Hamilton and Brubaker, 1983; Porter and others, 1983
USGS-1045	Hamilton, 1982; Hamilton and Brubaker, 1983
USGS-1123	Weber, 1986; Weber and Ager, 1984
USGS-1154	Carter, 1983
USGS-1163	Hopkins and others, 1982
USGS-1164	Hopkins and others, 1982
USGS-1165	Hopkins and others, 1982
USGS-1181	Hopkins and others, 1982
USGS-1226	Molnina, 1986
USGS-1227	Molnina, 1986
USGS-1253	Hamilton and Bischoff, 1984
USGS-1267	Nelson, 1982
USGS-1268	Nelson, 1982
USGS-1269	Nelson, 1982
USGS-1271	Nelson, 1982
USGS-1326	Hopkins and others, 1982
USGS-1327	Hopkins and others, 1982
USGS-1328	Hopkins and others, 1982
USGS-1329	Hopkins and others, 1982
USGS-1331	Brigham, 1985; Hopkins and others, 1982
USGS-1336	Brigham, 1985
USGS-1376	Carter, 1983
USGS-1377	Carter, 1983
USGS-1378	Carter, 1983
USGS-1420	Brigham, 1985
USGS-1422	Brigham, 1985
USGS-1423	Brigham, 1985
USGS-1425	Brigham, 1985
USGS-1429	Carter, 1983
USGS-1433	Brigham, 1985
USGS-1489	Brigham, 1985
USGS-1570	Bartsch-Winkler and Schmoll, 1984a
USGS-1571	Bartsch-Winkler and Schmoll, 1984a
USGS-1572	Bartsch-Winkler and Schmoll, 1984a
USGS-1573	Bartsch-Winkler and Schmoll, 1984a
USGS-1574	Bartsch-Winkler and Schmoll, 1984a
USGS-2175	Williams, 1986; Williams and Galloway, 1986
USGS-2176	Williams, 1986; Williams and Galloway, 1986

UW - University of Washington

Lab	Reference
UW-14	Derksen, 1976; Dorn and others, 1962
UW-15	Derksen, 1976; Dorn and others, 1962
UW-16	Dorn and others, 1962
UW-18	Dorn and others, 1962
UW-21	Derksen, 1976; Dorn and others, 1962
UW-56	Fairhall and others, 1976; Porter, 1967
UW-57	Fairhall and others, 1976; Porter, 1967
UW-70	Fairhall and others, 1976; Porter, 1967
UW-71	Fairhall and others, 1976; Porter, 1967
UW-84	Hamilton and Brubaker, 1983; Hamilton and Porter, 1975
UW-267	Fairhall and others, 1976
UW-268	Fairhall and others, 1976
UW-269	Fairhall and others, 1976

W - U.S. Geological Survey, Reston

Lab	Reference
W-43	Suess, 1954
W-49	Péwé, 1975a; Suess, 1954; Thorson and Hamilton, 1979; Wahrhaftig, 1958
W-53	Suess, 1954
W-62	Suess, 1954
W-76	Hamilton and Thorson, 1983; Karlstrom, 1964; Suess, 1954
W-77	Hamilton and Thorson, 1983; Karlstrom, 1964; Suess, 1954
W-78	Karlstrom, 1964; Reger and Updike, 1983; Suess, 1954
W-174	Hamilton and Thorson, 1983; Karlstrom, 1964
W-175	Karlstrom, 1961; 1964
W-183	Péwé, 1965a, 1975a, 1975b; Péwé and Reger, 1983b; Rubin and Suess, 1955
W-192	Kaufman and Hopkins, 1985
W-196	Hopkins, 1963; Kaufman and Hopkins, 1985; Rubin and Alexander, 1958, 1960
W-268	Rubin and Suess, 1956
W-294	Hamilton and Thorson, 1983; Karlstrom 1964; Rubin and Suess, 1956
W-295	Hamilton and Thorson, 1983; Rubin and Suess, 1956; Williams and Galloway, 1986
W-297	Rubin and Suess, 1956
W-298	Anderson, 1970a; Dumond, 1984; Rubin and Suess, 1956

Lab	Reference
W-299	Karlstrom, 1964; Rubin and Suess, 1956
W-306	Rubin and Alexander, 1958; Williams and Galloway, 1986
W-307	Hamilton and Thorson, 1983; Rubin and Alexander, 1958; Williams and Galloway, 1986
W-318	Karlstrom, 1964; Reger and Updike, 1983
W-336	Hamilton and Thorson, 1983; Karlstrom, 1964; Rubin and Alexander, 58; Reger and Updike, 1983
W-344	Rubin and Alexander, 1958
W-357	Hamilton and Thorson, 1983; Rubin and Alexander, 1958; Williams and Galloway, 1986
W-360	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983; Rubin and Alexander, 1958
W-368	Fernald, 1964; Rubin and Alexander, 1958
W-369	Plafker and others, 1982; Rubin and Alexander, 1958
W-371	Goldthwait and others, 1963; Mann and Ugolini, 1985; Rubin and Alexander, 1958
W-373	Hamilton and Thorson, 1983; Rubin and Alexander, 1958
W-374	Plafker and Miller, 1957; Plafker and others, 1982; Rubin and Alexander, 1958
W-376	Rubin and Alexander, 1958
W-377	Hamilton and Thorson, 1983; Rubin and Alexander, 1958; Williams and Galloway, 1986
W-378	Rubin and Alexander, 1958; Williams and Galloway, 1986
W-380	Brigham, 1985; Brown, 1965; Coulter and others, 1960; O'Sullivan, 1961; Rubin and Alexander, 1958; Williams and Carter, 1984
W-405	Rubin and Alexander, 1958
W-416	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983; Rubin and Alexander, 1958
W-420	Fernald, 1964; Reger and Updike, 1983; Rubin and Alexander, 1958
W-429	Connor, 1983; Hamilton and Thorson, 1983; Rubin and Alexander, 1958
W-431	Karlstrom, 1964; Reger and Updike, 1983; Rubin and Alexander, 1958; Williams, 1986; Williams and Ferrians, 1958, 1961; Williams and Galloway, 1986
W-432	Brown, 1965; Coulter and others, 1960; O'Sullivan, 1961; Williams and Carter, 1984
W-433	Rubin and Alexander, 1958
W-434	Hopkins and others, 1981; Péwé, 1975b; Rubin and Alexander, 1958
W-435	Péwé, 1975b; Rubin and Alexander, 1958
W-461	Colinvaux, 1967; Hopkins and others, 1960; Kaufman and Hopkins, 1985; McCulloch and Hopkins, 1966; Rubin and Alexander, 1958; West, 1981
W-462	Rubin and Alexander, 1958
W-463	Hopkins and others, 1960, 1981; Kaufman and Hopkins, 1985; McCulloch and Hopkins, 1966; Rubin and Alexander, 1958; West, 1981
W-472	Péwé, 1975a; Weber and Péwé, 1961; 1970
W-473	Rubin and Alexander, 1958
W-474	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983; Rubin and Alexander, 1958
W-475	Péwé, 1975b; Rubin and Alexander, 1958
W-476	Péwé, 1975b; Rubin and Alexander, 1958
W-484	Hopkins and others, 1960; Kaufman and Hopkins, 1985; McCulloch and Hopkins, 1966; Rubin and Alexander, 1958
W-485	Hopkins and others, 1960; Kaufman and Hopkins, 1985; McCulloch, 1967; McCulloch and Hopkins, 1966; Rubin and Alexander, 1958
W-487	Hamilton and Thorson, 1983; Rubin and Alexander, 1958
W-531	Ferrians, 1963; Ferrians and others, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-535	Ferrians and others, 1983; Hamilton and Thorson, 1983; Karlstrom, 1964; Miller and Dobrovolny, 1957; Rubin and Alexander, 1960

Lab	Reference
W-536	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983; Rubin and Alexander, 1960; Schmoll and others, 1981
W-540	Hamilton and Thorson, 1983; Karlstrom, 1964; Miller and Dobrovolny, 1957; Reger and Updike, 1983; Rubin and Alexander, 1960; Trainer, 1961; Schmoll and others, 1972
W-541	Karlstrom, 1964; Rubin and Alexander, 1960, Schmoll and others, 1981
W-559	Plafker and Miller, 1957; Rubin and Alexander, 1960
W-568	Rubin and Alexander, 1960; Williams and Galloway, 1986
W-569	Rubin and Alexander, 1960
W-573	Reger and Updike, 1983; Rubin and Alexander, 1960; Williams and Ferrians, 1961; Williams and Galloway, 1986
W-583	Connor, 1983; Ferrians and others, 1983; Hamilton and Thorson, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-592	Rubin and Alexander, 1960
W-593	Rubin and Alexander, 1960
W-602	Karlstrom, 1964; Rubin and Alexander, 1960
W-603	Karlstrom, 1964; Rubin and Alexander, 1960
W-644	Hamilton and Thorson, 1983; Karlstrom, 1964; Reger and Updike, 1983; Rubin and Alexander, 1960
W-674	Rubin and Alexander, 1960
W-714	Ferrians, 1963; Ferrians and others, 1983; Hamilton and Thorson, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-715	Rubin and Alexander, 1960; Williams and Galloway, 1981
W-717	Krinsley, 1965; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-732	Rubin and Alexander, 1960
W-733	Hopkins and others, 1981; Péwé, 1975b; Repenning and others, 1964; Rubin and Alexander, 1960
W-736	Rubin and Alexander, 1960
W-748	Hamilton and Thorson, 1983; Karlstrom, 1964; Rubin and Alexander, 1960
W-753	Holmes and others, 1968; Rubin and Alexander, 1960
W-756	Holmes and others, 1968; Rubin and Alexander, 1960
W-766	Rubin and Alexander, 1960
W-767	Connor, 1983; Hamilton and Thorson, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-800	Mann and Ugolini, 1985; Rubin and Alexander, 1960
W-806	Rubin and Alexander, 1960; Williams and Galloway, 1986
W-809	Rubin and Alexander, 1960; Williams and Galloway, 1986
W-810	Hopkins, 1973; Hopkins and others, 1960; Kaufman and Hopkins, 1985; Rubin and Alexander, 1960
W-830	Rubin and Alexander, 1960
W-831	Fernald, 1964; Rubin and Alexander, 1960
W-838	Rubin and Alexander, 1960
W-839	Rubin and Alexander, 1960
W-841	Rubin and Alexander, 1960
W-842	Hamilton and Thorson, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-843	Ferrians and others, 1983; Hamilton and Thorson, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-844	Rubin and Alexander, 1960
W-846	Rubin and Alexander, 1960,
W-847	Brown, 1965; Coulter and others, 1960; O'Sullivan, 1961; Rubin and Alexander, 1960; Williams and Carter, 1984
W-848	Hamilton and Thorson, 1983; Rubin and Alexander, 1960; Williams and Galloway, 1986
W-854	Rubin and Alexander, 1960
W-859	Péwé, 1975b; Rubin and Alexander, 1960
W-891	Harington, 1978; Repenning and others, 1964; Rubin and Berthold, 1961
W-895	Harington, 1978; Péwé, 1975b; Repenning and others, 1964; Ruibin and Berthold, 1961
W-896	Péwé, 1975b; Rubin and Berthold, 1961
W-937	Harington, 1978; Ives and others, 1964; Péwé, 1975b; Repenning and others, 1964
W-967	Ives and others, 1964
W-968	Ives and others, 1964
W-969	Hamilton and Thorson, 1983; Ives and others, 1964; Williams and Galloway, 1986

Lab	Reference
W-975	Ives and others, 1964; McGhee, 1971; Péwé and Reger, 1983b West, 1975
W-976	Fernald, 1965a, 1965b; Ives and others, 1964
W-977	Hamilton and Thorson, 1983; Ives and others, 1964
W-978	Fernald, 1962, 1965b; Ives and others, 1964; Péwé, 1975b
W-979	Fernald, 1965a, 1965b; Ives and others, 1964
W-980	Fernald, 1965b; Hamilton, 1982; Ives and others, 1964; Porter and others, 1983
W-985	Ives and others, 1964; Williams and Galloway, 1986
W-1075	Ives and others, 1964
W-1086	Ives and others, 1964
W-1089	Ives and others, 1964; Williams and Galloway, 1986
W-1106	Harington, 1978; Ives and others, 1964; Péwé, 1975b; Reppening and others, 1964
W-1108	Harington, 1978; Hopkins and others, 1981; Ives and others, 1964; Péwé, 1975b; Repenning and others, 1964
W-1111	Harington, 1978; Ives and others, 1964; Péwé, 1975b; Repenning and others, 1964
W-1113	Harington, 1978; Ives and others, 1964; Péwé, 1975b
W-1134	Hamilton and Thorson, 1983; Ives and others, 1964
W-1154	Ives and others, 1964
W-1155	Ives and others, 1964
W-1156	Ives and others, 1964
W-1157	Ives and others, 1964
W-1159	Ives and others, 1964
W-1161	Hamilton and Thorson, 1983; Ives and others, 1964
W-1162	Hamilton and Thorson, 1983; Ives and others, 1964
W-1163	Ives and others, 1964; Williams and Galloway, 1986
W-1164	Ives and others, 1964; Williams and Galloway, 1986
W-1165	Ives and others, 1964; Williams and Galloway, 1986
W-1167	Fernald, 1965a, 1965b; Ives and others, 1964
W-1168	Ives and others, 1964
W-1169	Fernald, 1965a; Ives and others, 1964
W-1170	Fernald, 1965a, 1965b; Ives and others, 1964
W-1171	Fernald, 1965b; Ives and others, 1964
W-1173	Fernald, 1965b; Ives and others, 1964
W-1174	Fernald, 1965a, 1965b; Hamilton, 1982; Ives and others, 1964; Porter and others, 1983
W-1175	Ives and others, 1964
W-1180	Dumond, 1980; Ives and others, 1964; Laughlin, 1975; Laughlin and others, 1975; West, 1967
W-1202	Ives and others, 1964
W-1205	Ives and others, 1964
W-1206	Fernald, 1965a, 1965b; Hopkins, 1982; Ives and others, 1964
W-1207	Ives and others, 1964
W-1209	Fernald, 1965b; Ives and others, 1964
W-1210	Fernald, 1965b; Ives and others, 1964
W-1212	Fernald, 1965a, 1965b; Hamilton, 1982; Hopkins, 1982; Ives and others, 1964; Porter and others, 1983
W-1213	Kaufman and Hopkins, 1985; Ives and others, 1964
W-1235	Kaufman and Hopkins, 1985; Levin and others, 1965
W-1246	Ives and others, 1964
W-1247	Ives and others, 1964
W-1249	Hopkins and others, 1981; McCulloch, 1967; Kaufman and Hopkins, 1985; McCulloch and others, 1965; McCulloch and Hopkins, 1966; Levin and others, 1965
W-1250	Hopkins and others, 1981; Kaufman and Hopkins, 1985; McCulloch and others, 1965; McCulloch and Hopkins, 1966; Levin and others, 1965
W-1251	Kaufman and Hopkins, 1985; Levin and others, 1965; McCulloch and others, 1965
W-1252	Levin and others,65; McCulloch and others, 1965
W-1253	Kaufman and Hopkins, 1985; Levin and others, 1965; McCulloch and others, 1965
W-1254	Hopkins and others, 1981; Kaufman and Hopkins, 1985; McCulloch, 1967; McCulloch and others, 1965; McCulloch and Hopkins, 1966; Levin and others, 1965
W-1255	Hopkins and others, 1981; Kaufman and Hopkins, 1985; McCulloch and others, 1965; McCulloch and Hopkins, 1966; Levin and others, 1965

Lab	Reference
W-1256	Kaufman and Hopkins, 1985; Levin and others, 1965; McCulloch, 1967; McCulloch and others, 1965
W-1257	Kaufman and Hopkins, 1985; Levin and others, 1965; McCulloch, 1967; McCulloch and others, 1965
W-1259	Levin and others, 1965
W-1261	Levin and others, 1965
W-1262	Kaufman and Hopkins, 1985; Levin and others, 1965; McCulloch, 1967; McCulloch and others, 1965
W-1287	Feulner and Schupp, 1964; Ives and others, 1964; Levin and others, 1965; Péwé, 1975a
W-1304	Krinsley, 1965; Levin and others, 1965; Williams and Galloway, 1986
W-1313	Levin and others, 1965
W-1314	Levin and others, 1965
W-1315	Levin and others, 1965
W-1326	Levin and others, 1965
W-1337	Hamilton and Thorson, 1983; Levin and others, 1965; Williams and Galloway, 1986
W-1343	Hamilton and Thorson, 1983; Levin and others, 1965; Williams and Galloway, 1986
W-1377	Hamilton and Thorson, 1983; Levin and others,65; Williams and Galloway, 1986
W-1379	Hamilton and Thorson, 1983; Levin and others, 1965; Williams and Galloway, 1986
W-1390	Hamilton and Thorson, 1983; Levin and others, 1965; Williams and Galloway, 1986
W-1404	Levin and others, 1965
W-1405	Levin and others, 1965
W-1424	Hamilton and Thorson, 1983; Levin and others, 1965
W-1427	Hamilton, 1982; Hamilton and Brubaker, 1983; Levin and others, 1965; Porter and others, 1983
W-1479	Detterman and Reed, 1973; Detterman and others, 1965; Ives and others, 1967
W-1481	Detterman, 1986; Detterman and Reed, 1973; Detterman and others, 1965; Ives and others, 1967
W-1482	Detterman, 1986; Detterman and Reed, 1973; Detterman and others, 1965; Ives and others, 1967
W-1483	Detterman, 1986; Detterman and Reed, 1973; Detterman and others, 1965; Ives and others, 1967
W-1484	Ives and others, 1967
W-1488	Ives and others, 1967
W-1497	Detterman, 1986
W-1499	Ives and others, 1965
W-1522	Ives and others, 1965
W-1524	Hamilton and Thorson, 1983
W-1526	Hamilton and Thorson, 1983; Ives and others, 1965
W-1588	Ives and others, 1965
W-1589	Ives and others, 1965
W-1590	Ives and others, 1965
W-1591	Ives and others, 1965
W-1592	Ives and others, 1965
W-1654	Hamilton and Thorson, 1983; Williams and Coulter, 1981
W-1657	Marsters and others, 1969
W-1734	Ives and others, 1965; Mann, 1986
W-1738	Ives and others, 1965
W-1739	Ives and others, 1965
W-1740	Ives and others, 1965
W-1771	Kaufman and Hopkins, 1985; Sainsbury, 1967b
W-1773	Kaufman and Hopkins, 1985; Marsters and others, 1969; Sainsbury, 1967a
W-1776	Kaufman and Hopkins, 1985; Marsters and others, 1969; Sainsbury, 1967b
W-1778	Kaufman and Hopkins, 1985; Sainsbury, 1967b
W-1796	Ives and others, 1965
W-1797	Ives and others, 1965
W-1800	Kaufman and Hopkins, 1985; Marsters and others, 1969; McManus and Creager, 1984
W-1803	Marsters and others, 1969
W-1804	Hamilton and Thorson, 1983; Marsters and others, 1969; Reger and Updike, 1983; Schmoll and Yehle 1983
W-1806	Hamilton and Thorson, 1983; Marsters and others, 1969; Reger and Updike, 1983
W-1807	Marsters and others, 1969
W-1819	Marsters and others, 1969
W-1820	Marsters and others, 1969
W-1823	Kaufman and Hopkins, 1985; Marsters and others, 1969; Sainsbury, 1967a
W-1826	Marsters and others, 1969; Miller, 1973b; 1975
W-1827	Marsters and others, 1969; Miller, 1973b
W-1828	Miller 1975

Lab	Reference
W-1829	Marsters and others, 1969; Miller, 1973b; 1975
W-1830	Marsters and others, 1969; Miller, 1973b; 1975
W-1831	Miller, 1973b; 1975
W-1832	Marsters and others, 1969; Miller, 1975
W-1835	Marsters and others, 1969; Miller, 1975
W-1839	Marsters and others, 1969; Miller, 1975
W-1947	Marsters and others, 1969; Miller, 1975
W-1949	Sullivan and others, 1970; Miller, 1975
W-1953	Marsters and others, 1969
W-1955	Marsters and others, 1969; Miller, 1973a
W-1983	Marsters and others, 1969
W-1984	Kaufman and Hopkins, 1985; Marsters and others, 1969; Sainsbury, 1967b
W-1987	Marsters and others, 1969
W-1993	Detterman, 1970; Hopkins and others, 1981; Marsters and others, 1969
W-1994	Marsters and others, 1969
W-1996	Marsters and others, 1969
W-1997	Marsters and others, 1969
W-1998	Kaufman and Hopkins, 1985; Marsters and others, 1969
W-2007	Miller 1975
W-2017	Sullivan and others, 1970
W-2018	Sullivan and others, 1970
W-2019	Sullivan and others, 1970
W-2021	Sullivan and others, 1970
W-2029	Sullivan and others, 1970
W-2030	Sullivan and others, 1970
W-2031	Miller, 1975; Sullivan and others, 1970
W-2032	Sullivan and others, 1970
W-2115	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2116	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2123	Detterman, 1986; Detterman and Reed, 1973; Sullivan and others, 1970
W-2129	Shacklette and Rubin, 1969; Sulluivan and others, 1970
W-2130	Shacklette and Rubin, 1969; Sullivan and others, 1970
W-2131	Shacklette and Rubin, 1969
W-2132	Shacklette and Rubin, 1969; Sullivan and others, 1970
W-2134	Sullivan and others, 1970
W-2147	Detterman, 1986; Detterman and Reed, 1973; Sullivan and others, 1970
W-2148	Detterman, 1986; Detterman and Reed, 1973; Sullivan and others, 1970
W-2151	Hamilton and Thorson, 1983; Reger and Updike, 1983; Schmoll and others, 1972; Sullivan and others, 1970
W-2152	Sullivan and others, 1970
W-2153	Sullivan and others, 1970
W-2154	Hamilton and Thorson, 1983; Reger and Updike, 1983; Sullivan and others, 1970
W-2157	Sullivan and others, 1970
W-2158	Sullivan and others, 1970
W-2159	Kaufman and Hopkins, 1985; Sullivan and others, 1970
W-2160	Kaufman and Hopkins, 1985; Sullivan and others, 1970
W-2161	Kaufman and Hopkins, 1985; Sullivan and others, 1970
W-2163	Sullivan and others, 1970
W-2164	Sullivan and others, 1970
W-2165	Sullivan and others, 1970
W-2167	Spiker and others, 1978
W-2169	Sullivan and others, 1970
W-2171	Hamilton and Thorson, 1983; Sullivan and others, 1970
W-2173	Sullivan and others, 1970
W-2240	Spiker and others, 1978
W-2250	Gard, 1980; Spiker and others, 1977
W-2258	Miller, 1975; Spiker and others, 1977
W-2260	Miller, 1975; Spiker and others, 1977
W-2263	Miller, 1973b, 1975; Spiker and others, 1977
W-2280	Spiker and others, 1977
W-2281	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2288	Detterman and Reed, 1973
W-2291	Spiker and others, 1978
W-2292	Spiker and others, 1978
W-2293	Spiker and others, 1978
W-2294	Spiker and others, 1978
W-2301	Spiker and others, 1978
W-2306	Reger and Updike, 1983; Schmoll and others, 1981
W-2325	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2326	Spiker and others, 1978
W-2327	Spiker and others, 1978
W-2366	Reger and Updike, 1983; Spiker and others, 1977
W-2367	Hamilton and Thorson, 1983; Reger and Updike, 1983; Schmoll and others, 1972; Spiker and others, 1977

Lab	Reference
W-2369	Schmoll and others, 1972; Reger and Updike, 1983; Spiker and others, 1977
W-2375	Hamilton and Thorson, 1983; Reger and Updike, 1983; Schmoll and others, 1972; Spiker and others, 1977
W-2377	Spiker and others, 1977
W-2379	Spiker and others, 1977
W-2380	Miller, 1975; Spiker and others, 1977
W-2384	Miller, 1975; Spiker and others, 1977
W-2389	Hamilton and Thorson, 1983; Reger and Updike, 1983; Spiker and others, 1977
W-2390	Detterman and others, 1974; Reger and Updike, 1983
W-2392	Miller, 1973b, 1975; Spiker and others, 1977
W-2393	Miller, 1973b, 1975; Spiker and others, 1977
W-2394	Miller, 1973a, 1973b, 1975; Spiker and others, 1977
W-2395	Miller, 1973a, 1973b, 1975; Spiker and others, 1977
W-2396	Miller, 1973b, 1975; Spiker and others, 1977
W-2397	Spiker and others, 1977
W-2444	Richter and Schmoll, 1973
W-2462	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2464	Spiker and others, 1978
W-2466	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2467	Spiker and others, 1978
W-2534	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2554	Chapman and others, 1982
W-2555	Spiker and others, 1978
W-2567	Richter and others, 1973
W-2586	Spiker and others, 1978
W-2590	Spiker and others, 1978
W-2592	Hopkins, 1972; Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2596	Hopkins and others, 1981; Spiker and others, 1978
W-2598	Spiker and others, 1978
W-2619	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2620	Hopkins and others, 1981; Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2660	Gard, 1980
W-2670	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2676	Carter and Robinson, 1981; Williams and Carter, 1984
W-2679	Williams and Carter, 1984
W-2680	Spiker and others, 1978
W-2681	Spiker and others, 1978
W-2682	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2683	Spiker and others, 1978
W-2684	Spiker and others, 1978
W-2685	Spiker and others, 1978
W-2686	McManus and Creager, 1984; Spiker and others, 1978
W-2703	Brown and Kreig, 1983; Harington, 1978; Péwé, 1975a, 1975b
W-2719	Miller, 1975; Spiker and others, 1977
W-2720	Miller, 1973b; Spiker and others, 1977
W-2721	Mann, 1986; Spiker and others, 1977
W-2800	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2801	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2802	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2803	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2804	Hopkins, 1982; Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2805	Kaufman and Hopkins, 1985; Reeburg and Young, 1976; Spiker and others, 1978
W-2806	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2807	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2808	Hopkins and others, 1981; Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2809	Hopkins and others, 1981; Kaufman and Hopkins, 1985; Spiker and others. 1978
W-2810	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2849	Gard, 1980
W-2878	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2879	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2880	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2881	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2882	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2883	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2884	Kaufman and Hopkins, 1985; Spiker and others, 1978

Lab	Reference
W-2917	Kaufman and Hopkins, 1985; Spiker and others, 1978
W-2919	Schmoll and Yehle, 1983, 1986
W-3001	Chapman and others, 1982
W-3164	Plafker and others, 1982
W-3252	Detterman, 1986
W-3285	Detterman, 1986
W-3303	Mann and Ugolini, 1985; Plafker and other, 1978
W-3305	Mann and Ugolini, 1985; Plafker and other, 1978
W-3306	Mann and Ugolini, 1985; Plafker and other, 1978
W-3307	Mann and Ugolini, 1985; Plafker and other, 1978
W-3310	Mann and Ugolini, 1985; Plafker and other, 1978
W-3311	Mann and Ugolini, 1985; Plafker and other, 1978
W-3312	Mann and Ugolini, 1985; Plafker and other, 1978
W-3313	Mann and Ugolini, 1985; Plafker and other, 1978
W-3322	Mann and Ugolini, 1985
W-3322	Mann and Ugolini, 1985
W-3424	Miller and Smith, 1977
W-3488	Kaufman and Hopkins, 1985
W-3491	Kaufman and Hopkins, 1985
W-3492	Kaufman and Hopkins, 1985
W-4195	Plafker and others, 1982
W-4292	Schmoll and Yehle, 1983, 1986
W-4379	Ager, 1982
W-4453	Schmoll and Yehle, 1986
W-4485	Plafker and others, 1982
W-4503	Ager, 1982
W-4506	Ager, 1982
W-4510	Plafker and others, 1982
W-4512	Plafker and others, 1982
W-4827	Ager and Sims, 1981b
W-4937	Schmoll and Yehle, 1983, 1986
W-5656	Williams and Galloway, 1986
W-5657	Williams and Galloway, 1986

WIS - University of Wisconsin

Lab	Reference
WIS-1154	Bender and others, 1982
WIS-1163	Bender and others, 1982
WIS-1164	Bender and others, 1982
WIS-1166	Bender and others, 1982
WIS-1188	Bender and others, 1982
WIS-1193	Bender and others, 1982
WIS-1197	Bender and others, 1982
WIS-1215	Bender and others, 1982
WIS-1216	Bender and others, 1982
WIS-1218	Bender and others, 1982
WIS-1219	Bender and others, 1982
WIS-1222	Bender and others, 1982
WIS-1223	Bender and others, 1982

WSU - Washington State University

Lab	Reference
WSU-102	Chaters, 1968; Dumond, 1969
WSU-117	Chaters, 1968; Dumond, 1969
WSU-119	Chaters, 1968; Dumond, 1984
WSU-121	Chaters, 1968
WSU-123	Chaters, 1968; Dumond, 1969, 1984
WSU-318	Clark and Clark, 1975; West, 1981
WSU-412	Ackerman, 1973; Chaters, 1968; Dumond, 1980
WSU-421	Ackerman, 1973; Ackerman and others, 1979
WSU-422	Ackerman, 1973; Ackerman and others, 1979
WSU-452	Dumond, 1984
WSU-543	Dumond, 1984
WSU-717	Dumond, 1984
WSU-718	Dumond, 1984
WSU-721	Dumond, 1984
WSU-722	Dumond, 1984
WSU-131	Bryan, 1978; Dixon, 1976; Gal, 1982; Hamilton, 1979b; Sheppard and Chatters, 1976
WSU-1426	Hopkins and others, 1981; Sheppard and Chatters, 1976
WSU-1428	Hopkins and others, 1981; Sheppard and Chatters, 1976
WSU-1700	Bowers, 1978a; 1978b; 1980; Workman, 1980
WSU-1727	Bowers, 1978b, 1980
WSU-1746	Shaw, 1982
WSU-1747	Bowers, 1978a, 1978b, 1980; Workman, 1980
WSU-1816	Shaw, 1982
WSU-1887	Clark, 1984a
WSU-1888	Clark, 1984a; Workman, 1980
WSU-2162	Shaw, 1982
WSU-2163	Shaw, 1982
WSU-2164	Shaw, 1982
WSU-2165	Shaw, 1982
WSU-2166	Shaw, 1982
WSU-2167	Shaw, 1982
WSU-2532	Gal, 1982
WSU-2653	Gal, 1982
WSU-2654	Gal, 1982
WSU-3234	Ackerman and others, 1986
WSU-3235	Ackerman and others, 1986
WSU-3236	Ackerman and others, 1986
WSU-3238	Ackerman and others, 1986
WSU-3239	Ackerman and others, 1986
WSU-3240	Ackerman and others, 1986
WSU-3241	Ackerman and others, 1986
WSU-3242	Ackerman and others, 1986
WSU-3243	Ackerman and others, 1986
WSU-3244	Ackerman and others, 1986
WSU-3245	Ackerman and others, 1986

Y - Yale University

Lab	Reference
Y-4	McKeinze, 1970; Preston and others, 1955
Y-5	Preston and others, 1955
Y-6	Preston and others, 1955
Y-7	Preston and others, 1955
Y-8	Preston and others, 1955
Y-9	Goldthwait, 1966a; McKeinze, 1970; Preston and others, 1955
Y-10	Preston and others, 1955
Y-32	Preston and others, 1955
Y-36	Barendsen and others, 1957
Y-37	Preston and others, 1955
Y-132-80	Preston and others, 1955
Y-132-81	Preston and others, 1955
Y-132-82	Preston and others, 1955
Y-132-83	Preston and others, 1955
Y-132-84	Preston and others, 1955
Y-132-85	Pteston and others, 1955
Y-132-86	Preston and others, 1955
Y-301	Barendsen and others, 1957; Goldthwait, 1966a
Y-302	Barendsen and others, 1957; McKenize, 1970
Y-303	Barendsen and others, 1957; Goldthwait, 1966a; McKenize, 1970; McKeinze and Goldthwait, 1971
Y-304	Barendsen and others, 1957; McKenize, 1970; McKeinze and Goldthwait, 1971
Y-305	Barendsen and others, 1957; McKeinze, 1970
Y-306	Barendsen and others, 1957
Y-307	Barendsen and others, 1957
Y-308	Barendsen and others, 1957
Y-655-1	Campbell, 1962; Gal, 1982
Y-656-1	Campbell, 1962; Gal, 1982
Y-770	Hamilton, 1980a; Porter, 1964
Y-771	Hamilton, 1980a; Porter, 1964; Stuiver and Deevey, 1961
Y-772	Hamilton, 1980a; Stuiver and Deevey, 1961a
Y-871	Hamilton, 1980a; Stuiver and Deevey, 1961
Y-872	Hamilton, 1980a; Stuiver and Deevey, 1961
Y-873	Hamilton, 1980a; Stuiver and Deevey, 1961
Y-930	Dumond, 1962; Stuiver and Deevey, 1962
Y-931	Dumond, 1962; Heusser, 1963; Stuiver and Deevey, 1962
Y-932	Dumond, 1984; 1962; Stuiver and Deevey, 1962
Y-1082	Hamilton, 1980a; Porter, 1964; Stuiver and others, 1963
Y-1083	Hamilton, 1980a; Stuiver, and others, 1963
Y-1084	Hamilton, 1980a; Stuiver, and others 1963
Y-1085	Hamilton, 1980a; Stuiver, and others, 1963
Y-1086	Hamilton, 1980a; Stuiver, and others, 1963
Y-1087	Hamilton, 1980a; Stuiver, and others, 1963
Y-1142	Colinvaux, 1964b, 1967; Kaufman and Hopkins, 1985; Stuiver, and others, 1963
Y-1143	Colinvaux, 1964b, 1967; Kaufman and Hopkins, 1985; Stuiver, and others, 1963
Y-1144	Colinvaux, 1964b, 1967; Kaufman and Hopkins, 1985; Stuiver, and others, 1963
Y-1351	Kaufman and Hopkins, 1985; McCulloch, 1967; McCulloch and Hopkins, 1966; Stuiver, 1969
Y-1352	Stuiver, 1969
Y-1388	Colinvaux, 1981; Parrish, 1980; Stuiver, 1969
Y-1389	Colinvaux, 1981; Parrish, 1980; Stuiver, 1969
Y-1390	Colinvaux, 1981; Parrish, 1980; Stuiver, 1969
Y-1391	Colinvaux, 1981; Stuiver, 1969
Y-1392	Parrish, 1980; Stuiver, 1969
Y-1417	Kaufman and Hopkins, 1985; Stuiver, 1969
Y-1846	Parrish, 1980
Y-1848	Parrish, 1980
Y-1990	Colinvaux, 1981
Y-2301	Denton, 1974; Denton and Karlen, 1977; Hamilton and Thorson, 1983; Stuiver, 1969
Y-2302	Denton, 1974; Denton and Karlen, 1977; Hopkins and others, 1981; Stuiver, 1969
Y-2303	Denton and Karlen, 1977; Lerbekmo and others, 1975; Stuiver, 1969
Y-2304	Denton and Karlen, 1977; Lerbekmo and others, 1975; Stuiver, 1969
Y-2305	Denton, 1974; Hamilton and Thorson, 1983; Stuiver, 1969
Y-2306	Denton, 1974; Denton and Karlen, 1977; Hamilton and Thorson, 1983; Stuiver, 1969
Y-2307	Denton, 1974; Denton and Karlen, 1977; Stuiver, 1969
Y-2308	Denton, 1974; Hamilton and Thorson, 1983; Stuiver, 1969
Y-2389	Denton, 1974; Hamilton and Thorson, 1983
Y-2506	Denton and Karlen, 1977
Y-2507	Denton, 1974; Denton and Karlen, 1977
Y-2508	Denton and Karlen, 1977

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