TABLE 1. Selected U-Pb zircon analyses

[- not reported]

Field number or station	Regional belt or assemblage	Unit	Quadrangle	Locality	Latitude degrees	Latitude decimal minutes	Longitude degrees	Longitude decimal minutes	Mineral dated	Interpreted age (Ma)	Interpreted age error (Ma)	Rock Type	Reference
77Dn74D	Central	Dg	Survey Pass	Arrigetch peak, Devonian plutonic rocks	67	22.500	-154	10.500	zircon	365	15	Epidote-biotite-quartz monzonite orthogneiss	Dillon and others, 1980
77Dn74M	Central	Dg	Survey Pass	Arrigetch peak, Devonian plutonic rocks	67	22.500	-154	10.500	zircon	365	15	Epidote-biotite-quartz monzonite orthogneiss	Dillon and others, 1980
W-1	Central	Pg	Wiseman	Ernie Lake, Proterozoic plutonic rocks	67	24.747	-152	48.669	zircon	971	5	Granitic orthogneiss	McClelland and others, 2006
85Dn24	Central	Fault lense	Baird Mountains	Mount Angayukaqsraq granite	67	44.442	-159	30.000	zircon	750	6	Alkali feldspar granite	Karl and others, 1989
78Md120	Central	Pam	Baird Mountains	Mount Angayukaqsraq granodiorite	67	42.264	-159	25.368	zircon	750	6	Granodiorite	Karl and others, 1989
93-JT-88	Central	Dg	Survey Pass	Mt. Igikpak Area	67	30.100	-154	59.400	zircon	375-395	-	Orthogneiss	Toro and others, 2002
90TM409	Central	Dmu	Wiseman	Nutirwik Creek unit dacite porphyry	67	52.284	-149	43.896	zircon	393	2	Dacite porphyry	Aleinikoff and others, 1993
90TM497	Central	Dmu	Wiseman	Nutirwik Creek unit plagioclase porphyry	67	58.634	-149	30.590	zircon	385	2	Plagioclase porphyry	Aleinikoff and others, 1993
Not reported	Schist	Da	Ambler River	Ambler sequence - Arctic deposit	67	11.252	-156	23.008	zircon	376	3	Metarhyolite	Raterman and others, 2006
Not reported	Schist	Da	Ambler River	Ambler sequence - Arctic deposit	67	11.252	-156	23.008	zircon	376	2	Metarhyolite	Raterman and others, 2006
Not reported	Schist	Da	Ambler River	Ambler sequence - Arctic deposit	67	11.252	-156	23.008	zircon	379	3	Metarhyolite	Raterman and others, 2006
Not reported	Schist	Da	Ambler River	Ambler sequence - Arctic deposit	67	11.252	-156	23.008	zircon	405	3	Metarhyolite	McClelland and others, 2006
Not reported	Schist	Da	Wiseman	Ambler sequence - Sun/Picnic Ck prospect	67	5.202	-155	1.760	zircon	386	2	Metarhyolite	McClelland and others, 2006
Not reported	Schist	Da	Ambler River	Ambler sequence - Tom--Tom prospect	67	8.078	-156	8.721	zircon	381	2	Metarhyolite	McClelland and others, 2006
90ANK012	Schist	Dg	Chandalar	Baby Creek orthogneiss body	67	28.280	-149	0.550	zircon, monazite	381-398	-	Orthogneiss	Aleinikoff and others, 1993
87ATi70A	Schist	Dg	Wiseman	Beaver Creek	67	6.268	-155	18.603	zircon	400	4	Granitic orthogneiss	McClelland, written comm. 2006
SH-1	Schist	Dg	Shunghak	Cosmos Hills - Kogoluktuk	66	58.302	-156	42.919	zircon	386	3	Granitic orthogneiss	McClelland, written comm. 2006
90TM408	Schist	Dg	Chandalar	Geroe Creek orthogneiss body	67	42.030	-148	42.354	zircon, sphene	391 or 393?	1	Hornblende-biotite granite gneiss	Aleinikoff and others, 1993
90TM498	Schist	DPsc	Chandalar	Horace Mountain plutons	67	39.500	-149	11.700	zircon, sphene	393	2	Hornblende-biotite granite gneiss	Aleinikoff and others, 1993
85SK175B	Schist	PzPg	Baird Mountains	Kallarichuk Hills metagranitic body	67	2.094	-160	10.068	zircon	705	35	Alkali feldspar granite	Karl and Aleinikoff, 1990
88TM137	Schist	Dg	Wiseman	Middle Fork Koyukuk River orthogneiss body	67	21.480	-150	9.816	zircon	392	-	Orthogneiss	Aleinikoff and others, 1993
77Dn43	Schist	Dg	Wiseman	Wild River, Devonian plutonic rocks	67	19.350	-151	20.050	zircon	365	15	Garnet-epidote-biotite-quartz monzonite banded orthogneiss	Dillon and others, 1980

TABLE 2. Selected $^{40}Ar/^{39}Ar$ analyses

[* no plateau; - not reported]

Field number or station	Regional belt or assemblage	Unit	Quadrangle	Locality	Latitude degrees	Latitude decimal minutes	Longitude degrees	Longitude decimal minutes	Mineral dated	Preferred age (Ma)	Preferred age error (Ma)	Total fusion age (Ma)	Total fusion age error (Ma)	Plateau age (Ma)	Plateau age error (Ma)	Isochron age (Ma)	Isochron age error (Ma)	Rock Type	Reference	Comments
APK90-111	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Arrigetch area	67	17.2102	-154	18.8263	Biotite	95.2	0.2	95.1	0.2	95.2	0.2	-	-	Pelitic schist	Till, unpublished data	
APK94-105	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Arrigetch area	67	25.3612	-154	5.3282	Biotite	90.5	0.4	90.5	-	91.0	0.1	90.3	0.4	Granitic orthogneiss	Vogl and others, 2002	Labeled APK90-105 in Table 1: Summary of Argon Thermochronology Data (Vogl and others, 2002); original sample number is APK90-105.
APK90-121	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Arrigetch area	67	16.6852	-154	21.4280	Hornblende	105.1	1	105.9	0.4	-	-	104.5	0.6	Metabasite	Till, unpublished data	
APK90-119	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Arrigetch area	67	17.1827	-154	22.1319	White mica	95.5	1	95.6	0.2	96.2	0.2	95.5	1	Pelitic schist	Patrick and others, 1994 and A. Till, 2004, written communication	
93-JT-124	Arrigetch-Igikpak thermal high	DPgn	Survey Pass	Mt. Igikpak area	67	29.8265	-154	58.0820	Biotite	102	0.2	101.95	0.20	102.20	0.20	102.51	0.22	Biotite-garnet schist	Toro and others, 2002	
93-JT-142	Arrigetch-Igikpak thermal high	[DPgn]	Survey Pass	Mt. Igikpak area	67	32.0667	-154	58.0667	Biotite	95	0.3	94.85	0.14	94.19	0.15	94.92	0.33	Biotite-garnet schist	Toro and others, 2002	Locality of the sample plots in Q as shown by Toro and others (2002)
93-JT-143	Arrigetch-Igikpak thermal high	DPgn	Survey Pass	Mt. Igikpak area	67	33.1000	-154	59.4000	Biotite	89	0.2	89.18	0.13	89.27	0.13	89.53	0.20	Biotite-garnet schist	Toro and others, 2002	
93-JT-88	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Mt. Igikpak area	67	30.1000	-154	59.4000	Biotite	77	0.3	77.02	0.12	77.26	0.12	77.99	0.31	Orthogneiss	Toro and others, 2002	
94-JT-79	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Mt. Igikpak area	67	25.2000	-155	2.2000	Biotite	85	1	85.12	0.83	84.98	0.83	85.28	0.92	Orthogneiss	Toro and others, 2002	
94-JT-19	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Mt. Igikpak area	67	30.1000	-155	11.4000	Hornblende	96	1.7	94.12	0.91	96.16	0.93	95.47	1.73	Skarn: marble	Toro and others, 2002	
94-JT-33	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Mt. Igikpak area	67	30.0000	-155	5.7000	Hornblende	97	1	98.72	0.95	97.96	0.94	97.61	2.52	Orthogneiss	Toro and others, 1998	
93-JT-96	Arrigetch-Igikpak thermal high	Pzm	Survey Pass	Mt. Igikpak area	67	34.7000	-154	52.8000	White mica	97	0.3	96.21	0.15	97.15	0.14	97.22	0.30	Marble	Toro and others, 2002	
94-JT-79	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Mt. Igikpak area	67	25.2000	-155	2.2000	White mica	84	1	84.59	0.83	84.18	0.82	83.81	1.00	Orthogneiss	Toro and others, 2002	
93-JT-85	Arrigetch-Igikpak thermal high	PzPm	Survey Pass	Mt. Igikpak area	67	31.5000	-154	57.5000	White mica	74	0.4	72.94	0.25	74.29	0.22	74.45	0.40	Quartz muscovite schist	Toro and others, 2002	
AVL94-78	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	26.4721	-154	12.5705	Biotite	89	0.4	89.2	-	89.5	0.1	89.3	0.4	not reported	Vogl and others, 2002	
AVL95-43	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	28.8905	-154	14.8690	Biotite	84.8	0.4	83.6	-	84.8	0.4	85.7	0.4	not reported	Vogl and others, 2002	
AVL95-52	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	23.7994	-154	14.8269	Biotite	94.6	0.2	94.3	-	94.6	0.1	94.6	0.2	Micaceous quartzite	Vogl and others, 2002	
AVL94-100b	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	27.2199	-154	5.4323	Hornblende	152.1	-	152.1	-	*	*	-	-	Metavolcanic	Vogl and others, 2002	
AVL95-96	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	25.5310	-154	4.7753	Hornblende	103.9	0.1	104.5	-	102.9	0.1	-	-	Mafic layer in orthogneiss	Vogl and others, 2002	
AVL94-60	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	26.2511	-154	12.0097	White mica	92	0.1	90.8	-	92.0	0.1	-	-	not reported	Vogl and others, 2002	
AVL95-43	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	28.8905	-154	14.8690	White mica	87.6	0.8	91.7	-	87.6	0.8	87.2	0.9	not reported	Vogl and others, 2002	
AVL95-52	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	23.7994	-154	14.8269	White mica	92.8	0.1	92.9	-	92.8	0.1	92.8	0.2	Micaceous quartzite	Vogl and others, 2002	

TABLE 2. Selected $^{40}Ar/^{39}Ar$ analyses–Continued

[* no plateau; - not reported]

Field number or station	Regional belt or assemblage	Unit	Quadrangle	Locality	Latitude degrees	Latitude decimal minutes	Longitude degrees	Longitude decimal minutes	Mineral dated	Preferred age (Ma)	Preferred age error (Ma)	Total fusion age (Ma)	Total fusion age error (Ma)	Plateau age (Ma)	Plateau age error (Ma)	Isochron age (Ma)	Isochron age error (Ma)	Rock Type	Reference	Comments
AVL95-53	Arrigetch-Igikpak thermal high	DPgn	Survey Pass	Northern Epidote-Amphibolite Zone (Southern Part)	67	21.7901	-154	22.0333	White mica	93.1	0.2	93.1	-	93.1	0.2	93.1	0.2	not reported	Vogl and others, 2002	
90ATi-230A	Arrigetch-Igikpak thermal high	DPsc	Survey Pass	Walker Lake area	67	12.8108	-154	23.0978	Biotite	100	0.2	98.2	-	100.0	0.2	100.5	0.4	Biotite-garnet schist	Vogl and others, 2002	
APK90-38	Arrigetch-Igikpak thermal high	DPsc	Survey Pass	Walker Lake area	67	12.3952	-154	21.8862	Biotite	107	0.2	106.3	0.2	106.9	0.2	-	-	Metabasite	Till, unpublished data	
APK91-14	Arrigetch-Igikpak thermal high	DPsm	Survey Pass	Walker Lake area	67	16.6095	-154	20.2849	Biotite	96	0.3	96.21	0.2	96.4	0.2	96.0	0.3	Metapelite	Till, unpublished data	
AVL95-51	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Walker Lake area	67	23.8301	-154	14.1049	Biotite	90	0.2	89.1	-	90.00	0.2	90.0	0.3	Granitic orthogneiss	Vogl and others, 2002	
AVL95-56	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Walker Lake area	67	20.4842	-154	21.0502	Biotite	92.6	0.4	92.6	-	92.6	0.4	92.5	0.4	Granitic orthogneiss	Vogl and others, 2002	
APK90-108	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Walker Lake area	67	16.9600	-154	22.5600	Biotite	95	0.3	94.3	0.3	94.5	0.3	95.0	0.3	Granitic orthogneiss	Till, unpublished data	
APK90-110	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Walker Lake area	67	17.6887	-154	21.6243	Biotite	93.5	0.2	93.1	0.2	93.3	0.1	93.5	0.2	Granitic orthogneiss	Till, unpublished data	
AVL95-56	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Walker Lake area	67	20.4842	-154	21.0502	White mica	92.3	0.1	92.9	-	92.3	0.1	93.7	0.4	Granitic orthogneiss	Vogl and others, 2002	
APK90-108	Arrigetch-Igikpak thermal high	Dg	Survey Pass	Walker Lake area	67	16.9600	-154	22.5600	White mica	97.7	0.4	97.6	0.20	97.6	0.60	97.7	0.40	Granitic orthogneiss	Vogl and others, 2002	
93-JT-113	Central Belt	Dhf	Survey Pass	Mt. Igikpak area	67	40.8677	-154	41.1575	White mica	111	1.2	112.68	1.07	111.58	1.06	111.38	1.21	Graphitic phyllite	Toro and others, 2002	Sample location based on sample locality map (not based on Lat./Long. given in table) from Toro and others (2002)
87ATi55	Central Belt	Ml	Baird Mountains	Nanielik antiform	67	45.8417	-159	15.7522	Fine white mica	120	0.2	124.1	0.3	120.2	0.3	120.1	0.2	Stretched-cobble metaconglomerate rich in quartz and chert clasts	Till and Snee, 1995	
86ATI75PP	Central Belt	OPc	Baird Mountains	Nanielik antiform	67	36.3240	-159	7.9680	White mica	108.2	0.1	108.2	0.3	-	-	108.2	0.1	Calcareous schist	Till and Snee, 1995	
86ATi91A	Central Belt	Pam	Baird Mountains	Nanielik antiform	67	43.1383	-159	27.4372	White mica	680	1	665	2	-	-	-	-	Metapelite	Till and Snee, 1995	76% of ^{39}Ar released yielded ages 673-681±2 ma
AVL94-62	Central Belt	Dhf	Survey Pass	Northern Epidote-Amphibolite Zone (Northern Part)	67	28.1546	-154	10.3781	White mica	90	0.3	89.2	-	89.9	0.2	89.9	0.3	not reported	Vogl and others, 2002	
AVL94-98	Central Belt	Mc	Survey Pass	Northern Greenschist Zone	67	27.8827	-154	3.1209	Biotite	116.5	0.2	115.2	-	116.5	0.2	114.6	0.4	Kekiktuk conglomerate (?)	Vogl and others, 2002	
AVL94-14	Central Belt	Dhf	Survey Pass	Northern Greenschist Zone	67	29.6920	-153	46.8280	White mica	114	1.5	120.8	-	114.8	1.3	113.8	1.5	not reported	Vogl and others, 2002	
59ABe-478	Doonerak antiform	SCvs	Wiseman	Doonerak antiform	67	54.7000	-150	32.6000	Hornblende	520	17	520	17	-	-	-	-	Mafic volcanic rocks: basaltic and andesitic	Dutro and others, 1976	Best available geochronolgy
65ALe-1	Doonerak antiform	SCvs	Wiseman	Doonerak antiform	67	54.7000	-150	32.6000	Hornblende	384	12	384	12	-	-	-	-	Mafic volcanic rocks: basaltic and andesitic	Dutro and others, 1976	Best available geochronolgy
65ALe-6	Doonerak antiform	SCvs	Wiseman	Doonerak antiform	67	54.8000	-150	24.1000	Hornblende	478	20	478	20	-	-	-	-	Mafic volcanic rocks: basaltic and andesitic	Dutro and others, 1976	Best available geochronolgy
65ALe-6a	Doonerak antiform	SCvs	Wiseman	Doonerak antiform	67	54.8000	-150	24.1000	Hornblende	465	14	465	14	-	-	-	-	Mafic volcanic rocks: basaltic and andesitic	Dutro and others, 1976	Best available geochronolgy
88SR129	Mosquito Terrane	DPm	Bettles	South Fork complex	66	56.4007	-150	38.9200	White mica	54.8	1.3	-	-	54.8	1.3	-	-	not reported	Roeske and others, 2003	
7-26-84-5	Phyllite Belt	Pzpg	Wiseman	Phyllite Belt	67	12.7500	-150	4.4160	White mica	124	1	125.8	5	-	-	124	1	Fine-grained quartz-mica schist	Gottschalk and Snee, 1998	
25b-87	Phyllite belt	Pzpg	Wiseman	Phyllite belt	67	13.4293	-150	8.0135	White mica	113.3	0.5	-	-	113.3	0.5	-	-	Schist	Blythe and others, 1998	

TABLE 2. Selected $^{40}Ar/^{39}Ar$ analyses–Continued

[* no plateau; - not reported]

Field number or station	Regional belt or assemblage	Unit	Quadrangle	Locality	Latitude degrees	Latitude decimal minutes	Longitude degrees	Longitude decimal minutes	Mineral dated	Preferred age (Ma)	Preferred age error (Ma)	Total fusion age (Ma)	Total fusion age error (Ma)	Plateau age (Ma)	Plateau age error (Ma)	Isochron age (Ma)	Isochron age error (Ma)	Rock Type	Reference	Comments
CH-128	Schist belt	DPsc	Ambler River	Cosmos Hills	67	0.0398	-156	46.0346	Coarse-grained white mica	130	0.4	127.5	0.4	-	-	126.8	0.5	Metabasite margin	Christiansen and Snee, 1994	
CH-128	Schist belt	DPsc	Ambler River	Cosmos Hills	67	0.0398	-156	46.0346	Fine-grained white mica	127.1	0.5	121.9	0.3	-	-	120.5	0.7	Metabasite margin	Christiansen and Snee, 1994	
CH-104b	Schist belt	Dsq	Shungnak	Cosmos Hills	66	58.1767	-156	47.8253	Fuchsite	99.2	0.3	98.7	0.4	-	-	96.8	1.3	Graphitic phyllite	Christiansen and Snee, 1994	
PCBR-65	Schist belt	Dg	Shungnak	Cosmos Hills	66	58.2037	-156	43.0370	Muscovite	102.7	0.1	103.0	0.3	-	-	101.9	0.4	Granitic orthogneiss	Christiansen and Snee, 1994	
CH-126	Schist belt	DSc	Ambler River	Cosmos Hills	67	0.1403	-156	55.7733	White mica	103	1.2	102.0	0.4	*	*	100.3	1.2	Quartz mylonite	Christiansen and Snee, 1994	
CH-140	Schist belt	Dsq	Ambler River	Cosmos Hills	67	0.8868	-156	53.1613	White mica	103.5	0.3	99.8	0.3	-	-	102.1	0.5	Graphitic phyllite	Christiansen and Snee, 1994	
ELM-34	Schist belt	Dsq	Ambler River	Cosmos Hills	67	2.5460	-157	7.2870	White Mica	94.4	0.9	94.3	0.3	*	*	94.4	0.9	Not given	Christiansen and Snee, 1994	
SBR88-56	Schist belt	[Dsq]	Wiseman	Near Dalton Highway	67	13.6440	-150	11.9160	Barroisite-hornblende	114	1	147	2	115	1	114	1	Metagabbro	Gottschalk and Snee, 1998	
SBR88-51b	Schist belt	Dg	Wiseman	Near Dalton Highway	67	21.5820	-150	9.6360	Biotite	128.5	0.6	128.6	0.4	128.8	0.6	128.5	0.2	Feldspathic schist	Gottschalk and Snee, 1998	
SBR88-51b (rerun)	Schist belt	Dg	Wiseman	Near Dalton Highway	67	21.5820	-150	9.6360	Biotite	129.3	0.4	129.0	0.4	129.3	0.4	129.7	0.2	Feldspathic schist	Gottschalk and Snee, 1998	
SBR88-57	Schist belt	[Dsq]	Wiseman	Near Dalton Highway	67	13.5600	-150	13.5840	White mica	118.3	0.3	116.4	0.3	118.3	0.3	121.0	0.7	Quartz-mica schist	Gottschalk and Snee, 1998	
SBR88-8a	Schist belt	Dsq	Wiseman	Near Dalton Highway	67	14.5860	-151	3.0000	White mica	124.2	0.3	125.7	5	123.3	0.7	124.2	0.3	Quartz-mica schist	Gottschalk and Snee, 1998	
SB51-2a	Schist belt	Da	Ambler River	Ruby Ridge	67	12.9610	-156	38.9150	White mica	130.6	0.4	127.1	0.4	-	-	129.8	1.1	Quatrz-mica schist	Christiansen and Snee, 1994	
SB52-2b	Schist belt	Da	Ambler River	Ruby Ridge	67	13.7677	-156	44.4287	White mica	171.4	0.4	170.1	0.5	171.4	0.4	169.7	0.6	Quatrz-mica schist	Christiansen and Snee, 1994	
SB53-1	Schist belt	Dsq	Ambler River	Ruby Ridge	67	16.8112	-156	42.7133	White mica	123	0.5	125.3	0.3	125.0	0.3	123.6	0.5	Garnet-bearing schist	Christiansen and Snee, 1994	
6-20-84-4	Schist belt	[Dsq]	Wiseman	Schist belt	67	17.0340	-150	8.3340	Hornblende	N/A	N/A	187	6	-	-	188	6	Eclogite (retrograded)	Gottschalk and Snee, 1998	Isochron date determined from all temperature steps; Locality of the sample plots in Q as shown by Gottchalk and Snee (1998)
28-87	Schist belt	Dsq	Wiseman	Schist belt	67	16.8023	-150	7.4770	White mica	124.6	1.8	-	-	124.6	1.8	-	-	Schist	Blythe and others, 1998	Did not have a well-developed plateau
29-87	Schist belt	Dsq	Wiseman	Schist belt	67	19.8505	-150	7.0591	White mica	122.5	1.9	-	-	122.5	1.9	-	-	Schist	Blythe and others, 1998	Did not have a well-developed plateau
31-87	Schist belt	DPsc	Wiseman	Schist belt	67	21.9829	-150	5.6956	White mica	124.8	1.0	-	-	124.8	1.0	-	-	Schist	Blythe and others, 1998	Did not have a well-developed plateau
54-87	Schist belt	Dg	Wiseman	Schist belt	67	20.9008	-150	10.5418	White mica	120.4	2.2	-	-	120.4	2.2	-	-	Granitic orthogneiss	Blythe and others, 1998	Did not have a well-developed plateau
ABR85-17	Schist belt	Dg	Chandalar	Schist belt	67	40.0980	-148	45.4680	White mica	119	1	119.2	0.3	120.7	0.3	119	1	Granitic orthogneiss	Gottschalk and Snee, 1998	
8-4-85-5	Schist belt	DPsc	Wiseman	Skajit Allochthon	67	24.9480	-150	0.4140	White mica	127	2	125.5	0.4	-	-	127	2	Calc-phyllite	Gottschalk and Snee, 1998	
ADE91-88	Schist belt	DPsc	Survey Pass	Walker Lake area	67	15.3183	-154	19.8545	White mica	101.5	0.2	100.11	0.2	101.5	0.2	-	-	Pelitic schist	Till, unpublished data	
SBR88-27	Schist belt	Dg	Wiseman	Wild River Pluton	67	18.9600	-151	20.8500	White mica	110.4	0.3	110.1	0.3	110.4	0.3	110.4	0.2	Granitic orthogneiss	Gottschalk and Snee, 1998	

TABLE A-1. Conodont data

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains A-5	67	13.80	161	27.30	Ordovician-Devonian	DOb	Baird Group	5.0	5.5	85ADN125		A-85-39I	Dumoulin	Harris	
Baird Mountains B-3	67	26.30	160	10.50	Silurian-Mississippian	DEsc	PzPku	5.5	5.5	83EK26G		A-83-27I	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 47.
Baird Mountains B-3	67	27.80	160	19.20	Late Silurian-Early Devonian	Pzm	Pzkm	5.5	6.0	85ADN151B	11398-SD	A-85-39H	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 46.
Baird Mountains B-3	67	16.10	160	29.80	Middle Ordovician-Middle Devonian	DEsc	Dotu	5.0	5.5	83EK29I		A-83-27I	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 48.
Baird Mountains B-4	67	21.90	160	40.26	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	84SK181A	9944-CO	A-84-50E	Karl	Harris	Entry 7511 in Alaska Paleontological Database.
Baird Mountains B-4	67	27.30	160	42.30	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	86AD58H	10473-CO	A-86-33A	Dumoulin	Harris	From measured section along tributary to West Fork Omar River.
Baird Mountains B-4	67	27.30	160	42.30	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.5	6.5	86AD58J	10472-CO	A-86-33A	Dumoulin	Harris	From measured section along tributary to West Fork Omar River.
Baird Mountains B-4	67	27.30	160	42.30	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	6.0	86AD58M	10471-CO	A-86-33A	Dumoulin	Harris	From measured section along tributary to West Fork Omar River.
Baird Mountains B-4	67	27.30	160	42.30	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	86AD58N	10470-CO	A-86-33A	Dumoulin	Harris	From measured section along tributary to West Fork Omar River.
Baird Mountains B-4	67	24.60	160	43.40	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.0	84BT67A	9939-CO	A-84-50E	Thompson	Harris	
Baird Mountains B-4	67	27.10	160	43.70	Early Ordovician	DOb	Baird Group	5.5	6.0	84SK141A	9973-CO	A-84-50J	Karl	Harris	Entry 7614 in Alaska Paleontological Database.
Baird Mountains B-4	67	27.30	160	45.00	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	86AD71E	10479-CO	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 41. From measured section 1.5 mi E of West Fork Omar River.
Baird Mountains B-4	67	27.30	160	45.00	middle Early Ordovician (early Arenigian)	DOb	Baird Group	7.0	8.0	86AD71F	10480-CO	A-86-33A	Dumoulin	Harris	*Karl and others (1989b), Table 1, loc. 41. From measured section 1.5 mi E of West Fork Omar River. CAI values suggest hydrothermal
Baird Mountains B-4	67	27.30	160	45.00	middle Early Ordovician (early Arenigian)	DOb	Baird Group	6.0	7.0	86AD71J	10483-CO	A-86-33A	Dumoulin	Harris	*Karl and others (1989b), Table 1, loc. 41. From measured section 1.5 mi E of West Fork Omar River.
Baird Mountains B-4	67	21.80	160	46.20	late Early Ordovician (middle Arenigian)	DOb	Baird Group	5.0	5.5	84EK118	9942-CO	A-84-50E	Ellersieck	Harris	Entry 7509 in Alaska Paleontological Database.
Baird Mountains B-4	67	27.90	160	48.70	middle Early Ordovician (early Arenigian)	DOb	Baird Group	6.5	6.5	8-1-84G	10496-CO	A-86-33A	Dumoulin	Harris	From measured section along northwest fork Omar River.
Baird Mountains B-4	67	27.90	160	48.70	middle Early Ordovician (early Arenigian)	DOb	Baird Group	7.0	8.0	8-1-84H	10497-CO	A-86-33A	Dumoulin	Harris	From measured section along northwest fork Omar River.
Baird Mountains B-4	67	27.90	160	48.70	Early Ordovician	DOb	Baird Group	8.0	8.0	8-1-84E	10495-CO	A-86-33A	Dumoulin	Harris	From measured section along northwest fork Omar River. CAI values indicate hydrothermal alteration.
Baird Mountains B-4	67	27.70	160	48.90	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.5	6.5	8-1-84L	10500-CO	A-86-33A	Dumoulin	Harris	From measured section along northwest fork Omar River.
Baird Mountains B-4	67	28.90	160	49.40	Middle Devonian (probably Givetian)	DOb	Baird Group	5.0	5.5	83EK22F	10886-SD	A-83-27I	Ellersieck	Harris	
Baird Mountains B-4	67	28.60	160	49.50	early Middle Ordovician	DOb	Baird Group	5.0	5.5	83EK22D	9812-CO	A-83-27I	Ellersieck	Harris	
Baird Mountains B-4	67	29.74	160	49.60	Middle Ordovician-Middle Devonian (possibly Givetian)	DOb	Baird Group	5.0	5.5	83EK22E		A-83-27I	Ellersieck	Harris	
Baird Mountains B-4	67	23.20	160	50.00	Early (but not earliest) Ordovician	DOb	Baird Group	5.5	5.5	84SK160A	9915-CO	A-84-50C	Karl	Harris	Entry 7399 in Alaska Paleontological Database.
Baird Mountains B-4	67	24.60	160	43.40	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.0	84BT67A	9939-CO	A-84-50E	Thompson	Harris	Entry 7500 in Alaska Paleontological Database.
Baird Mountains B-4	67	24.20	160	50.30	lower half Middle Ordovician (middle Arenigian-Llandeilian)	DOb	Baird Group	6.0	7.0	84SK158A	9964-CO	A-84-50I	Karl	Harris	Entry 7571 in Alaska Paleontological Database.
Baird Mountains B-4	67	29.60	160	50.90	late Early Devonian (Emsian)	DOb	Baird Group	5.0	6.0	8-13-83A	10750-SD	A-83-27	Harris	Harris	From drill core at Omar prospect.
Baird Mountains B-4	67	29.60	160	50.90	early Middle Devonian (Eifelian)	DOb	Baird Group	5.0	5.0	8-13-83D	10751-SD	A-83-27	Harris	Harris	From drill core at Omar prospect. Age based on overlapping ranges of conodonts and corals.
Baird Mountains B-4	67	27.76	160	50.96	late Late Ordovician	DOb	Baird Group	5.5	5.5	84ADN132C	9914-CO	A-84-50C	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 40. Entry 7391 in Alaska Paleontological Database.
Baird Mountains B-4	67	27.76	160	50.96	Late Silurian (possibly late Ludlovian)	DOb	Baird Group	6.5	6.5	84ADN132D	11512-SD	A-86-33A	Dumoulin	Harris	CAI values indicate hydrothermal alteration.
Baird Mountains B-4	67	27.76	160	50.96	middle Middle-Late Ordovician	DOb	Baird Group	5.5	5.5	84ADN132E	10515-CO	A-86-33A	Dumoulin	Harris	
Baird Mountains B-4	67	27.76	160	50.96	Middle Ordovician-Middle Devonian	DOb	Baird Group	6.0	7.0	84ADN132F		A-86-33A	Dumoulin	Harris	
Baird Mountains B-4	67	29.50	160	51.10	Early Ordovician	DOb	Baird Group	5.5	5.5	OM-154	10211-CO	A-85-35A	Folger	Harris	
Baird Mountains B-4	67	29.90	160	51.20	Ordovician-Devonian	DOb	Baird Group	5.5	6.0	OM-127		A-85-35A	Folger	Harris	
Baird Mountains B-4	67	27.60	160	51.60	Middle Devonian	DOb		5.0	5.0	AM6186-37			AMOCO	Harris	
Baird Mountains B-4	67	29.80	160	51.60	Middle Ordovician (possibly early Caradocian)	DOb	Baird Group	7.0	8.0	OM136	10246-CO	A-85-35B	Folger	Harris	CAI values indicate hydrothermal alteration.
Baird Mountains B-4	67	18.40	160	52.50	Silurian-Middle Devonian (possibly middle-early Late Silurian)	DOb	Baird Group	5.0	5.0	84ADN138A	11139-SD	A-84-50F	Dumoulin	Harris	Entry 7543 in Alaska Paleontological Database.
Baird Mountains B-4	67	29.50	160	52.65	early late Early Devonian (earliest Emsian)	DOb	Baird Group	5.0	5.0	OM-118	11227-SD	A-85-35A	Folger	Harris	Entry 6568 in Alaska Paleontological Database.
Baird Mountains B-4	67	28.00	160	53.80	Ordovician-Devonian	DOb	Baird Group	7.0	7.0	84SK185A		A-84-50E	Karl	Harris	Entry 7512 in Alaska Paleontological Database.
Baird Mountains B-4	67	24.20	160	56.40	early-middle Middle Ordovician (late Arenigian-Llandeilian)	DOb	Baird Group	5.0	5.5	85SK39A	10384-CO	A-85-39H	Karl	Harris	Karl and others (1989b), Table 1, loc. 42.
Baird Mountains B-4	67	24.00	160	56.70	Middle Ordovician	DOb	Baird Group	5.0	5.5	85SK40A	10385-CO	A-85-39H	Karl	Harris	
Baird Mountains B-5	67	28.10	161	21.80	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.5	6.0	8-4-84A	10298-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section C; *Karl and others (1989b), Table 1, loc. 38. From measured section on middle fork of Squirrel River.
Baird Mountains B-5	67	28.10	161	21.80	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	8-4-84B	10299-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section C; Karl and others (1989b), Table 1, loc. 38. From measured section on middle fork of Squirrel River.
Baird Mountains B-5	67	28.10	161	21.80	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	8-4-84D	10502-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section C; *Karl and others (1989b), Table 1, loc. 38. From measured section on middle fork of Squirrel River.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains B-5	67	28.10	161	21.80	earliest Middle Ordovician	DOb	Baird Group	5.0	5.5	8-4-84N	10352-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section C; Karl and others (1989b), Table 1, loc. 38. From measured section on middle fork of Squirrel River.
Baird Mountains B-6	67	20.40	161	31.80	Middle Ordovician-Middle Devonian	DOb	Baird Group	5.0	5.5	81TR148D		NPRA-81-5A	Tailleur	Harris	
Baird Mountains B-6	67	18.00	161	32.90	Silurian-Middle Devonian	DOb	Baird Group	5.0	5.0	85ADN127B	11280-SD	A-85-39A	Dumoulin/Karl	Harris	Entry 6655 in Alaska Paleontological Database.
Baird Mountains B-6	67	23.10	161	33.70	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.0	85BT91A	10394-CO	A-85-39I	Thompson	Harris	
Baird Mountains B-6	67	24.80	161	36.40	Middle Ordovician-Middle Devonian	DOb	Baird Group	5.0	5.0	85SK239D		A-85-39H	Karl	Harris	
Baird Mountains B-6	67	24.00	161	40.10	Silurian-Middle Devonian	DOb	Baird Group	5.0	5.5	85ADN98A		A-85-39H	Dumoulin	Harris	Age based on overlapping ranges of conodonts and gastropods.
Baird Mountains B-6	67	29.80	161	41.60	Late Silurian-Middle Devonian	DOb	Baird Group	5.0	5.0	85JS52	11391-SD	A-85-39H	Schmidt	Harris	
Baird Mountains B-6	67	29.10	161	43.80	middle Late Silurian-early Early Devonian (latest Ludlovian-middle Gedinnian)	[DOb]	*Baird Group	5.0	5.5	85JS55	11417-SD	A-85-39I	Schmidt	Harris	Sample from an outcrop of unit DOb too small to show on map.
Baird Mountains B-6	67	27.60	161	44.20	middle Late Silurian-Early Devonian (late Ludlovian-Emsian)	DOb	Baird Group	5.0	5.0	85BT67A	11304-SD	A-85-39B	Thompson	Harris	Entry 6664 in Alaska Paleontological Database.
Baird Mountains B-6	67	29.10	161	45.20	Middle-Late Devonian	Dmu		5.0	5.0	85JS57	11392-SD	A-85-39H	Schmidt	Harris	
Baird Mountains B-6	67	23.00	161	47.50	Middle Devonian	DOb	Baird Group	5.0	5.5	85BT87A	11418-SD	A-85-39I	Thompson	Harris	
Baird Mountains B-6	67	21.30	161	49.70	Early Ordovician	DOb	Baird Group	5.0	5.0	85ADN97A	10357-CO	A-85-39D	Dumoulin	Harris	
Baird Mountains B-6	67	22.10	161	49.90	Middle Devonian (possibly Givetian)	DOb	Baird Group	5.0	5.5	85ADN70A	11413-SD	A-85-39I	Dumoulin	Harris	
Baird Mountains B-6	67	24.20	161	53.40	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	85ADN96A	10371-CO	A-85-39H	Dumoulin	Harris	
Baird Mountains B-6	67	22.00	161	53.70	Middle-Late Devonian	DOb	Baird Group	5.0	5.0	85SK237A	11305-SD	A-85-39B	Karl	Harris	Entry 6665 in Alaska Paleontological Database.
Baird Mountains B-6	67	25.90	161	54.80	Silurian-Early Devonian (probably Silurian)	DOb	Baird Group	5.0	5.0	85PF106A	11395-SD	A-85-39H	Folger	Harris	
Baird Mountains C-1	67	36.41	159	9.35	Cambrian (probably Middle Cambrian)	OЄc	OCc	ND	ND	88AD49A		A-89-4	Dumoulin	Rowell	Sample consists of acrotretid brachiopod valves identified by A. Rowell, University of Kansas.
Baird Mountains C-1	67	36.23	159	9.72	Cambrian (probably Middle Cambrian)	OЄc	OCc	5.0	5.0	87AD8C	10647-CO	A-87-13D	Dumoulin	Harris, Dutro	Karl and others (1989b), Table 1, loc. 57. Sample contains protoconodont (identified by Harris) and acrotretid brachiopod valves (identified by J.T, Dutro, Jr.); CAI value is at least 5 but cannot be more precisely determined from a protoconodont.
Baird Mountains C-1	67	36.10	159	11.20	Middle-Late Ordovician	OЄc	OCc	5.0	5.5	86AD75B	10485-CO	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 56.
Baird Mountains C-1	67	42.30	159	12.70	Silurian (probably Late)-Early Devonian	DOc	DOc	5.0	5.5	87AD35Z	11859-SD	A-87-13C	Dumoulin	Harris	
Baird Mountains C-1	67	40.20	159	14.70	Ordovician	DOc	DOc?	5.0	5.0	87AD39C	10654-CO	A-87-13C	Dumoulin	Harris	
Baird Mountains C-1	67	40.20	159	14.70	late Late Ordovician (middle Maysvillian-Gamachian)	DOc	DOc?	5.0	5.0	87AD39D	10596-CO	A-87-13A	Dumoulin	Harris	
Baird Mountains C-1	67	40.00	159	15.30	Middle Ordovician-Middle Devonian	DOc	DOc	5.5	5.5	84SK163B		A-84-50C	Karl	Harris	Entry 7400 in Alaska Paleontological Database.
Baird Mountains C-1	67	40.84	159	15.83	Middle Ordovician (late Llanvirnian-early Caradocian)	OЄc	OCc	5.0	5.0	87AD33B	10594-CO	A-87-13A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 58.
Baird Mountains C-1	67	40.84	159	15.83	Middle Ordovician (late Llanvirnian-early Caradocian)	OЄc	OCc	5.0	5.0	87AD33C	10595-CO	A-87-13A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 58.
Baird Mountains C-1	67	44.20	159	16.70	middle Silurian-late Early Devonian (Wenlockian-early Emsian), possibly middle-Late Silurian	DOc	DOc	5.5	6.0	86AD53A	11503-SD	A-86-33A	Dumoulin	Harris	
Baird Mountains C-1	67	40.50	159	17.20	Late Silurian-early Early Devonian, probably Late Silurian (Ludlovian)	DOc	DOc	5.0	5.0	87ATi59A	11860-SD	A-87-13C	Till	Harris	
Baird Mountains C-1	67	41.00	159	20.20	Silurian-Early Devonian	DOc	DOc	5.0	5.0	86ATi54B	11517-SD	A-86-33D	Till	Harris	
Baird Mountains C-1	67	35.31	159	22.11	very latest Cambrian-early Early Ordovician	OЄc	OCc	5.5	5.5	8-12-83C	9775-CO	A-83-27G	Harris	Harris	Dumoulin and Harris (1987), section A; *Karl and others (1989b), Table 1, loc. 55. From measured section S of Mt. Angayukaqsraq.
Baird Mountains C-1	67	35.31	159	22.11	early Middle Ordovician (earliest Llanvirnian)	OЄc	OCc	5.0	5.0	8-3-83X	9777-CO	A-83-27G	Harris	Harris	Dumoulin and Harris (1987), section A; Karl and others (1989b), Table 1, loc. 55. From measured section S of Mt. Angayukaqsraq.
Baird Mountains C-1	67	35.31	159	22.11	late Early Ordovician-early Middle Ordovician	OЄc	OCc	5.0	5.0	74ATR126.4	8295-CO	A-75-6	Tailleur	Harris	Entry 1896 in Alaska Paleontological Database.
Baird Mountains C-1	67	44.16	159	28.00	Middle Ordovician-Middle Devonian	DOc	DOc	5.0	5.0	84JS65E		A-84-50C	Schmidt	Harris	Entry 7387 in Alaska Paleontological Database.
Baird Mountains C-1	67	44.09	159	28.27	Late Ordovician (possibly latest Ordovician)	DOc	DOc	5.0	5.0	66ATR82.3	10716-CO	A-89-10	Tailleur	Harris	
Baird Mountains C-1	67	35.80	159	28.50	Middle Ordovician-Devonian	OЄc	OCc	5.0	5.5	83SK136A		A-83-27I	Karl	Harris	
Baird Mountains C-1	67	36.00	159	28.75	middle Early-very earliest Middle Ordovician (early-middle Arenigian)	OЄc	OCc	5.0	5.0	86AD63J	10477-CO	A-86-33A	Dumoulin	Harris	
Baird Mountains C-1	67	36.00	159	28.80	Middle-middle Late Ordovician	OЄc	OCc	5.0	5.0	86AD63L	10478-CO	A-86-33A	Dumoulin	Harris	
Baird Mountains C-1	67	44.99	158	59.99	middle Silurian-Early Devonian (Wenlockian-early Emsian)	DOc	DOc	5.0	5.0	85SK326A	11426-SD	A-85-39J	Karl	Harris	Karl and others (1989b), Table 1, loc. 59.
Baird Mountains C-2	67	36.50	159	31.50	late Early-early Late Cambrian	OЄc	OCc	5.0	5.0	86AD50A	10487-CO	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 54.
Baird Mountains C-2	67	36.45	159	31.50	Early-early Middle Ordovician	OЄc	OCc	5.0	5.0	86AD50B	10488-CO	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 54.
Baird Mountains C-2	67	36.40	159	31.50	Middle-Late Ordovician	OЄc	OCc	6.5	7.0	86AD50E	10489-CO	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 54.
Baird Mountains C-2	67	44.50	159	32.90	late Late Ordovician (Richmondian)	DOc	DOc	5.0	5.0	85ADN138B	10358-CO	A-85-39E	Dumoulin	Harris	*Karl and others (1989b), Table 1, loc. 52. From measured section ~5 mi N of VABM Silver.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains C-2	67	44.50	159	32.90	late Late Ordovician (Richmondian)	DOc	DOc	5.0	5.0	85ADN138I	10372-CO	A-85-39H	Dumoulin	Harris	*Karl and others (1989b), Table 1, loc. 52. From measured section ~5 mi N of VABM Silver.
Baird Mountains C-2	67	39.40	159	33.80	Middle Ordovician-Middle Devonian	DOc	DOc	5.0	5.0	81EK524		NPRA-81-5A	Ellersieck	Harris	
Baird Mountains C-2	67	39.40	159	34.00	Middle Ordovician-Middle Devonian	DOc	DOc	5.0	5.5	85ADN61D		A-85-39D	Dumoulin	Harris	
Baird Mountains C-2	67	39.40	159	34.00	Middle-Late Ordovician	DOc	DOc	5.0	5.5	85ADN61E	10370-CO	A-85-39A	Dumoulin	Harris	
Baird Mountains C-2	67	40.10	159	34.60	Middle Ordovician-Middle Devonian	DOc	DOc	5.0	5.0	85ADN64A		A-85-39D	Dumoulin	Harris	
Baird Mountains C-2	67	39.90	159	34.70	middle-Late Silurian	DOc	DOc	5.0	5.0	85ADN63B	11367-SD	A-85-39D	Dumoulin	Harris	
Baird Mountains C-2	67	39.70	159	37.20	Middle Ordovician	OPc	OCc	5.0	5.0	88AD45B	10699-CO	A-89-4	Dumoulin	Harris	
Baird Mountains C-2	67	41.10	159	37.20	Middle Ordovician (late Llanvirnian)	OPc	OCc	5.0	5.0	87AD17D	10593-CO	A-87-13A	Dumoulin	Harris	
Baird Mountains C-2	67	41.20	159	37.30	late Early Silurian (Llandoverian)	[DOc]	DOc	5.0	5.0	87AD17C	11768-SD	A-87-13A	Dumoulin	Harris	Sample from an outcrop of unit DOc too small to show on map.
Baird Mountains C-2	67	40.60	159	37.90	Middle Ordovician (latest Llanvirnian-Llandeilian)	OPc	OCc	5.0	5.0	88AD52B	10700-CO	A-89-4	Dumoulin	Harris	From measured section ~1 km SE of Sheep Creek.
Baird Mountains C-2	67	40.60	159	37.90	Middle Ordovician (latest Llanvirnian-Llandeilian)	OPc	OCc	5.0	5.0	88AD52C	10701-CO	A-89-4	Dumoulin	Harris	From measured section ~1 km SE of Sheep Creek.
Baird Mountains C-2	67	40.60	159	37.90	Middle-Late Ordovician (late Llanvirnian-very early Caradocian)	OPc	OCc	5.0	5.0	88AD52D	10702-CO	A-89-4	Dumoulin	Harris	From measured section ~1 km SE of Sheep Creek.
Baird Mountains C-2	67	41.40	159	38.10	Middle Ordovician	OPc	OCc	5.0	5.5	8-6-84A	10351-CO	A-85-39D	Harris	Harris	Dumoulin and Harris (1987), section B; Karl and others (1989b), Table 1, loc. 53. From measured section on NW side of Sheep Creek.
Baird Mountains C-2	67	41.30	159	38.10	Middle Ordovician	OPc	OCc	5.0	5.0	83EK14A	9809-CO	A-83-27I	Ellersieck	Harris	
Baird Mountains C-2	67	41.00	159	38.10	Late Ordovician-middle Silurian	DOc	DOc	5.0	5.5	85ADN60A	11356-SD	A-85-39D	Dumoulin	Harris	Dumoulin and Harris (1987), section B; *Karl and others (1989b), Table 1, loc. 53. From measured section on NW side of Sheep Creek.
Baird Mountains C-2	67	41.00	159	38.10	middle-early Late Silurian (Wenlockian-Ludlovian)	DOc	DOc	5.0	5.5	85ADN60D	11358-SD	A-85-39D	Dumoulin	Harris	Dumoulin and Harris (1987), section B; *Karl and others (1989b), Table 1, loc. 53. From measured section on NW side of Sheep Creek.
Baird Mountains C-2	67	41.00	159	38.10	middle-Late Silurian	DOc	DOc	5.0	6.0	8-7-84G	11359-SD	A-85-39D	Harris	Harris	Dumoulin and Harris (1987), section B; *Karl and others (1989b), Table 1, loc. 53. From measured section on NW side of Sheep Creek.
Baird Mountains C-2	67	40.90	159	38.10	middle-early Late Silurian (Wenlockian-Ludlovian)	DOc	DOc	5.0	7.0	88AD52H	11931-SD	A-89-4	Dumoulin	Harris	
Baird Mountains C-2	67	41.35	159	38.30	middle-Late Silurian	DOc	DOc	6.5	7.0	8-6-84H	11355-SD	A-85-39D	Harris	Harris	Dumoulin and Harris (1987), section B; Karl and others (1989b), Table 1, loc. 53. From measured section on NW side of Sheep Creek. CAI values indicate hydrothermal alteration.
Baird Mountains C-2	67	40.95	159	38.40	Late Silurian (very probably Ludlovian)	DOc	DOc	5.0	5.5	8-7-84F	11360-SD	A-85-39D	Harris	Harris	Dumoulin and Harris (1987), section B; *Karl and others (1989b), Table 1, loc. 53. From measured section on NW side of Sheep Creek.
Baird Mountains C-2	67	40.70	159	38.40	Middle Ordovician-Middle Devonian	OPc	OCc?	5.0	5.5	88AD44A		A-89-4	Dumoulin	Harris	
Baird Mountains C-2	67	39.45	159	38.56	Silurian-Early Devonian (probably middle-early Late Silurian)	DOc	DOc?	5.0	5.0	88JS13B	11932-SD	A-89-4	Schmidt	Harris	
Baird Mountains C-3	67	33.00	160	16.80	early Middle Ordovician (late Llanvirnian-early Llandeilian)	PzPcm	Dotq	5.0	5.0	84EK101	9971-CO	A-84-50J	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 44. Entry 7593 in Alaska Paleontological Database.
Baird Mountains C-3	67	30.11	160	16.88	early Early Mississippian (Kinderhookian)	Pzm	Pzkm	5.0	5.0	83SK281A	29223-PC	A-83-27I	Karl	Harris	Karl and others (1989b), Table 1, loc. 45.
Baird Mountains C-3	67	40.86	160	23.78	Ordovician-Permian	Dl	Dl?	5.0	5.0	8-4-83A		A-83-27H	Harris	Harris	
Baird Mountains C-3	67	30.90	160	30.00	Middle-Late Devonian	Dmu		5.0	5.0	83JS74A	10881-SD	A-83-27M	Schmidt	Harris	
Baird Mountains C-4	67	42.00	160	40.90	Middle-Late Devonian	Dmu	Nakolik River unit	5.0	5.0	83SK141A	10888-SD	A-83-27I	Karl	Harris	Contains redeposited conodonts of late Middle-Late Ordovician age.
Baird Mountains C-4	67	35.50	160	41.30	Ordovician (probably Early Ordovician)	DOb	Baird Group	5.5	5.5	8-9-84B	10584-CO	A-87-9	Harris	Harris	
Baird Mountains C-4	67	44.70	160	42.30	Middle Devonian (probably Givetian)	Dl	Nakolik River unit	5.0	5.0	8-4-83G	10747-SD	A-83-27	Harris	Harris	Age based on corals found in this sample.
Baird Mountains C-4	67	43.30	160	46.00	Early-earliest Late Devonian	Dl	Dl?	5.0	5.0	8-5-83A	10748-SD	A-83-27	Harris	Harris	
Baird Mountains C-4	67	40.80	160	45.90	Middle-early Late Devonian (probably Middle Devonian)	Dl	Dl	5.0	5.0	8-8-83B	10847-SD	A-83-27H	Harris	Harris	
Baird Mountains C-4	67	31.00	160	48.40	Early-early Middle Ordovician	DOb	Baird Group	5.5	6.0	74ABE201	8296-CO	A-74-17	Brosgé	Epstein	Sample consists of cobbles from stream gravel. Entry 5919 in Alaska Paleontological Database.
Baird Mountains C-4	67	30.40	160	51.00	Ordovician-Devonian	DOb	Baird Group	5.0	6.5	8-13-83F		A-83-27F	Harris	Harris	
Baird Mountains C-4	67	42.75	160	51.00	Middle-Late Devonian	Dl	Dl	5.0	5.5	83SK156C	10879-SD	A-83-27M	Karl	Harris	
Baird Mountains C-4	67	30.50	160	51.40	middle-late Early Ordovician	DOb	Baird Group	5.5	6.5	8-13-83E	9753-CO	A-83-27F	Harris	Harris	
Baird Mountains C-4	67	42.75	160	51.60	Middle Devonian (latest Eifelian-late Givetian)	Dl	Dl	5.0	5.5	83SK155A	10884-SD	A-83-27I	Karl	Harris	
Baird Mountains C-4	67	31.75	160	51.75	middle-late Early Ordovician	DOb	Baird Group	6.5	6.5	84ADN128B	9946-CO	A-84-50F	Dumoulin	Harris	Entry 7541 in Alaska Paleontological Database.
Baird Mountains C-4	67	31.42	160	51.76	middle Early-earliest Middle Ordovician (early middle-early late Arenigian)	DOb	Baird Group	5.5	5.5	84ADN129B	9916-CO	A-84-50C	Dumoulin	Harris	Entry 7389 in Alaska Paleontological Database.
Baird Mountains C-4	67	31.80	160	51.80	early Middle Ordovician	DOb	Baird Group	8.0	8.0	84ADN128A	9945-CO	A-84-50F	Dumoulin	Harris	Entry 7539 in Alaska Paleontological Database.
Baird Mountains C-4	67	30.30	160	52.00	middle late Early Devonian (middle Emsian)	DOb	Baird Group	5.0	6.0	8-13-83H	10843-SD	A-83-27F	Harris	Harris	
Baird Mountains C-4	67	42.70	160	52.00	Late Devonian	Dmu	Nakolik River unit	5.5	5.5	83SK153A	10889-SD	A-83-27I	Karl	Harris	

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains C-4	67	37.75	160	52.36	middle Early-early Middle Ordovician	DOb	Baird Group	5.0	5.5	8-10-84G	10507-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section D; *Karl and others (1989b), Table 1, loc. 34. From measured section near Nakolik River.
Baird Mountains C-4	67	37.75	160	52.36	Early Ordovician (middle Arenigian)	DOb	Baird Group	5.0	5.5	8-10-84I	10296-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section D; Karl and others (1989b), Table 1, loc. 34. From measured section near Nakolik River. Contains redeposited Late Cambrian conodonts.
Baird Mountains C-4	67	37.75	160	52.36	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	8-11-84A	10506-CO	A-86-33A	Dumoulin	Harris	Dumoulin and Harris (1987), section D; Karl and others (1989b), Table 1, loc. 34. From measured section near Nakolik River.
Baird Mountains C-4	67	30.50	160	52.80	middle-late Early Ordovician	DOb	Baird Group	7.0	8.0	OM-151	10248-CO	A-85-35B	Folger	Harris	Entry 6580 in Alaska Paleontological Database.
Baird Mountains C-4	67	34.30	160	53.00	Middle-early Late Devonian (Eifelian-earliest Frasnian)	Dl	Nakolik River(?) unit	5.0	5.5	85PF135A	11397-SD	A-85-39H	Folger	Harris	
Baird Mountains C-4	67	30.80	160	53.80	Middle Ordovician (probably middle to late Middle Ordovician)	DOb	Baird Group	7.0	8.0	OM145	10247-CO	A-85-35B	Folger	Harris	Entry 6579 in Alaska Paleontological Database.
Baird Mountains C-4	67	32.25	160	54.30	late Early Devonian (lower half of Emsian)	DOb	Baird Group	5.0	5.0	74ATR134.1.1	9600-SD	A-74-16	Tailleur	Epstein	Entry 5900 in Alaska Paleontological Database.
Baird Mountains C-4	67	37.90	160	54.66	Early Ordovician	DOb	Baird Group	5.0	5.5	85ADN50E	10367-CO	A-85-39G	Dumoulin	Harris	From measured section near Nakolik River.
Baird Mountains C-4	67	38.40	160	55.00	Early Ordovician	DOb	Baird Group	5.0	5.5	85ADN50H	10368-CO	A-85-39G	Dumoulin	Harris	From measured section near Nakolik River.
Baird Mountains C-4	67	38.66	160	55.00	Middle (probably very latest Middle)-Late Ordovician	DOb	Baird Group	5.0	5.5	85ADN50J	10369-CO	A-85-39G	Dumoulin	Harris	From measured section near Nakolik River.
Baird Mountains C-4	67	31.16	160	56.10	Early Ordovician	DOb	Baird Group	5.0	5.0	85MF77D	10425-CO	A-85-39J	Flaherty	Harris	
Baird Mountains C-4	67	33.50	160	59.50	Middle Devonian	DOb	Baird Group	5.0	5.5	85JS99A	11419-SD	A-85-39I	Schmidt	Harris	
Baird Mountains C-4	67	36.50	160	59.50	Middle Devonian	Dmu	Nakolik River unit	5.5	5.5	84SK197A	11143-SD	A-84-50I	Karl	Harris	Entry 7574 in Alaska Paleontological Database.
Baird Mountains C-4	67	42.40	160	59.60	middle Middle Devonian (very latest Eifelian-lower half of Givetian)	Dmu	Nakolik River unit	5.0	5.5	83SK150A	10752-SD	A-83-27	Karl	Harris	Age likely lower half of Givetian, based on overlapping ranges of conodonts and Givetian-Frasnian corals in this sample.
Baird Mountains C-5	67	37.78	161	0.53	late Middle Devonian (Givetian, possibly very latest Givetian)	Dmu	Nakolik River unit	5.0	5.5	84SK193A	11142-SD	A-84-50I	Karl	Harris	Entry 7573 in Alaska Paleontological Database.
Baird Mountains C-5	67	39.32	161	0.64	Silurian-Permian	Dmu		5.0	5.0	85BT105A		A-85-39I	Thompson	Harris	
Baird Mountains C-5	67	32.00	161	1.60	Early Ordovician	DOb	Baird Group	5.0	5.5	84PF249R	9972-CO	A-84-50J	Folger	Harris	Entry 7613 in Alaska Paleontological Database.
Baird Mountains C-5	67	37.80	161	1.80	Middle Ordovician-Middle Devonian	Dmu	Nakolik River unit	5.5	6.0	84SK191		A-84-50C	Karl	Harris	Entry 7402 in Alaska Paleontological Database.
Baird Mountains C-5	67	32.50	161	4.50	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	85SK44A	10386-CO	A-85-39H	Karl	Harris	
Baird Mountains C-5	67	38.50	161	4.80	Middle Devonian	Dl	Nakolik River unit	5.0	5.5	84SK189	11147-SD	A-84-50J	Karl	Harris	Entry 7615 in Alaska Paleontological Database.
Baird Mountains C-5	67	37.70	161	5.50	Middle-Late Devonian	DOb		5.0	5.5	81EK364C	10512-SD	NPRA-81-A	Ellersieck	Harris	
Baird Mountains C-5	67	38.10	161	5.50	middle Middle Devonian (middle Eifelian-early Givetian)	Dmu	Nakolik River unit (Dnl)	5.0	5.5	84EK132A	11144-SD	A-84-50J	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 33. Entry 7610 in Alaska Paleontological Database.
Baird Mountains C-5	67	38.10	161	5.50	middle Middle Devonian (early-middle Givetian)	Dmu	Nakolik River unit (Dnl)	5.0	5.5	84EK132C	11145-SD	A-84-50J	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 33. Entry 7611 in Alaska Paleontological Database.
Baird Mountains C-5	67	37.20	161	5.70	Early Devonian (earliest Emsian)	DOb	Baird Group	5.5	5.5	81TR127C	10463-SD	NPRA-81-5	Tailleur	Harris	
Baird Mountains C-5	67	40.50	161	5.90	Middle Devonian	Dmu		5.0	5.0	81BX137H	10491-SD	NPRA-81-5	Tailleur	Harris	
Baird Mountains C-5	67	32.33	161	6.00	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	85SK43A	10374-CO	A-85-39H1	Karl	Harris	
Baird Mountains C-5	67	37.90	161	6.50	Middle Ordovician-Middle Devonian	DOb	Baird Group	5.0	5.5	85JS86F	11393-SD	A-85-39H	Dumoulin	Harris	
Baird Mountains C-5	67	40.30	161	10.20	latest Early-Middle Devonian ((latest Emsian-Givetian)	Dl	Nakolik River unit	5.0	5.5	85BT98B	11422-SD	A-85-39I	Thompson	Harris	
Baird Mountains C-5	67	39.80	161	10.50	late Middle-early Late Devonian (Givetian-early Frasnian)	Dl	Nakolik River unit	5.0	5.0	85ADN105H	11374-SD	A-85-39D	Dumoulin	Harris	
Baird Mountains C-5	67	39.80	161	10.90	Middle Ordovician-Middle Devonian	Dl	Nakolik River unit	4.0	4.5	85ADN105D		A-85-39D	Dumoulin	Harris	
Baird Mountains C-5	67	39.50	161	11.00	Late Devonian-early Early Mississippian	Dl	Nakolik River unit	4.5	5.0	85SK248E		A-85-39H	Karl	Harris	
Baird Mountains C-5	67	33.30	161	12.50	Middle Ordovician-Middle Devonian	DOb	Baird Group	5.0	5.5	85SK115A		A-85-39H	Karl	Harris	
Baird Mountains C-5	67	34.66	161	15.33	early-middle Early Ordovician	DOb	Baird Group	5.0	5.5	85SK53A	10375-CO	A-85-39H1	Karl	Harris	
Baird Mountains C-5	67	37.80	161	16.30	Middle Ordovician-Middle Devonian (probably Silurian-Middle Devonian)	DOb	Baird Group	5.0	6.0	85JS41A		A-85-39H	Schmidt	Harris	CAI values indicate hydrothermal alteration.
Baird Mountains C-5	67	37.80	161	16.40	middle Silurian-Middle Devonian (possibly Middle Devonian)	DOb	Baird Group	5.0	5.5	85JS41C	11416-SD	A-85-39I	Schmidt	Harris	
Baird Mountains C-5	67	35.50	161	17.50	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	85SK57A	10376-CO	A-85-39H1	Karl	Harris	
Baird Mountains C-5	67	39.40	161	17.90	early early Middle Devonian (early Eifelian)	DOb	Baird Group	5.0	5.0	84EK182	11140-SD	A-84-50I	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 32. Entry 7562 in Alaska Paleontological Database.
Baird Mountains C-5	67	39.30	161	18.20	Late Devonian	Dmu	Nakolik River unit	6.0	7.0	84EK183A	11146-SD	A-84-50J	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 31. Entry 7612 in Alaska Paleontological Database.
Baird Mountains C-5	67	35.50	161	19.20	middle-late Early Ordovician	DOb	Baird Group	6.5	7.0	85PF176A	10383-CO	A-85-39H	Folger	Harris	
Baird Mountains C-5	67	33.50	161	20.20	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.0	5.5	85ADN99A, B, F&H	10363, 64, 65 &66-CO	A-85-39F	Dumoulin	Harris	From measured section S of Agashashok River.
Baird Mountains C-5	67	30.51	161	20.60	middle Late Silurian (latest Ludlovian)-early Early Devonian	DOb	Baird Group	5.0	5.5	84SK202A	11097-SD	A-84-50C	Karl	Harris	Entry 7487 in Alaska Paleontological Database.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains C-5	67	30.60	161	20.80	probably Silurian (possibly middle-Late Silurian; Wenlockian-Ludlovian)	DOb	Baird Group	5.5	6.0	8-8-84A	11539-SD	A-86-33F	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 36. From measured section near middle fork of Squirrel River.
Baird Mountains C-5	67	30.60	161	20.80	middle-early Late Silurian (Wenlockian-Ludlovian, possibly Ludlovian)	DOb	Baird Group	5.5	5.5	8-8-84B	11289-SD	A-86-33F	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 36. From measured section near middle fork of Squirrel River.
Baird Mountains C-5	67	32.80	161	21.25	middle Early Ordovician (early Arenigian)	DOb	Baird Group	5.5	5.5	84SK207A	9974-CO	A-84-50J	Karl	Harris	Entry 7616 in Alaska Paleontological Database.
Baird Mountains C-5	67	30.47	161	21.43	Late Silurian-Middle Devonian	DOb	Baird Group	5.0	5.0	84SK200A	110099-SD	A-84-50C	Karl	Harris	Entry 5196 in Alaska Paleontological Database.
Baird Mountains C-5	67	30.20	161	21.50	earliest late Early Devonian (earliest Emsian)	DOb	Baird Group	5.0	5.0	8-5-84C	11094-SD	A-84-50C	Harris	Harris	Dumoulin and Harris (1987), section E; Karl and others (1989b), Table 1, loc. 37. Entry 7483 in Alaska Paleontological Database. From measured section near middle fork of Squirrel River.
Baird Mountains C-5	67	30.04	161	21.70	Early-early Late Silurian (Llandoverian-Ludlovian)	DOb	Baird Group	6.0	7.0	8-5-84A	11093-SD	A-84-50C	Harris	Harris	Entry 7404 in Alaska Paleontological Database.
Baird Mountains C-5	67	41.20	161	21.70	Middle Ordovician-Permian	Dmu	Nakolik River(?) unit	5.0	5.0	85JS50B		A-85-39H	Schmidt	Harris	
Baird Mountains C-5	67	40.20	161	21.86	Silurian-Devonian	DOb	Baird Group	5.0	5.0	85PF62A	11394-SD	A-85-39H	Folger	Harris	
Baird Mountains C-5	67	32.63	161	22.75	Early-Middle Ordovician (Arenigian-Caradocian)	DOb	Baird Group	5.0	5.5	84SK208A	9975-CO	A-84-50J	Karl	Harris	Entry 7617 in Alaska Paleontological Database.
Baird Mountains C-5	67	38.00	161	22.00	Late Devonian-Mississippian	[Mkl?]	Baird(?) Group	4.5	4.5	81EK455A		NPRA-81-5A	Ellersieck	Harris	Conodont fauna and lithology (cherty dolostone) suggest sample comes from an outcrop of Lisburne Group (in unit Mkl) too small to show on map.
Baird Mountains C-5	67	32.10	161	23.25	early Early Ordovician	DOb	Baird Group	5.5	6.0	84SK210	9937-CO	A-84-50D	Karl	Harris	Karl and others (1989b), Table 1, loc. 35. Entry 7376 in Alaska Paleontological Database.
Baird Mountains C-5	67	37.80	161	23.60	Silurian-Middle Devonian	DOb	Baird Group	5.0	5.5	85SK61A	11420-SD	A-85-39I	Karl	Harris	
Baird Mountains C-5	67	38.80	161	24.70	Middle-Late Devonian	Dmu	Nakolik River unit	5.0	5.0	85SK111A	11421-SD	A-85-39I	Karl	Harris	
Baird Mountains C-5	67	37.81	161	26.03	Silurian-Middle Devonian	DOb	Baird(?) Group	5.0	5.0	81TR130A		NPRA-81-5A	Tailleur	Harris	
Baird Mountains C-5	67	35.45	161	29.99	Middle Ordovician-Middle Devonian	DOb	Baird Group	5.0	5.5	85JS83A		A-85-39H	Schmidt	Harris	
Baird Mountains C-6	67	31.83	161	33.22	Early Devonian (Lochkovian-earliest Emsian)	DOb	Baird(?) Group	5.0	5.0	85PF122D	11396-SD	A-85-39H	Folger	Harris	
Baird Mountains C-6	67	30.80	161	37.30	Late Silurian-middle Early Devonian (Ludlovian-early Emsian, possibly early Emsian)	DOb	Baird(?) Group	5.0	5.0	85BT93A	11415-SD	A-85-39I	Thompson	Harris	
Baird Mountains C-6	67	41.83	161	38.75	latest Devonian (middle Famennian)-Mississippian	JDk	Endicott Group (Kayak Shale)	5.0	5.0	81EK259		NPRA-81-5A	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 21; foraminifers from this locality indicate an age of Mississippian (Osagean or younger).
Baird Mountains C-6	67	31.20	161	40.70	Middle Ordovician-Permian	Dmu	Nakolik River unit	5.0	5.5	85ADN72AA		A-85-39H	Dumoulin	Harris	
Baird Mountains C-6	67	44.50	161	54.30	late Middle-early Late Devonian (Givetian-Frasnian)	MDer	Baird(?) Group	4.0	4.0	86AD38A	11502-SD	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 20.
Baird Mountains C-6	67	30.50	161	57.70	Middle Ordovician-Middle Devonian	DOb	Baird Group	5.0	5.5	85SK176A		A-85-39H	Karl	Harris	
Baird Mountains C-6	67	41.67	161	58.49	Late Devonian-Mississippian	MDer	Utukok Formation (top)	5.0	5.0	85BT94B		A-85-39I	Thompson	Harris	
Baird Mountains C-6	67	34.30	161	58.50	middle Silurian (late early Wenlockian)	DOb	Baird Group	5.5	5.5	86MZ053A	11518-SD	A-86-33D	Zayatz	Harris	Karl and others (1989b), Table 1, loc. 23.
Baird Mountains C-6	67	41.60	161	58.60	latest Late Devonian-early Late Mississippian (late Famennian-Meramecian)	MDer	Kogruk Formation (base)	5.0	5.0	85BT94A	29867-PC	A-85-39I	Thompson	Harris	
Baird Mountains C-6	67	38.80	161	59.20	late Late Devonian (Famennian)	MDer	Eli Limestone	5.0	5.0	85ADN85A	11372-SD	A-85-39D	Dumoulin	Harris	
Baird Mountains C-6	67	39.90	161	59.30	latest Devonian-Early Mississippian (late late Famennian-earliest Osagean)	MDer	Lisburne Gp. (Utukok Fm.?)	4.0	4.5	85SK245B		A-85-39J	Karl	Harris	
Baird Mountains C-6	67	40.50	161	59.99	early Early Mississippian (Kinderhookian-earliest Osagean)	MDer	Lisburne Gp. (Utukok Fm.)	4.0	4.0	85SK244D	29900-PC	A-85-39J	Karl	Harris	
Baird Mountains D-1	67	53.48	159	6.07	Middle Ordovician (probably Llandeilian-earliest Caradocian)	OEc	OCc	5.0	5.0	83SK167A	9813-CO	A-83-27I	Karl	Harris	
Baird Mountains D-1	67	53.40	159	6.10	Middle Ordovician (latest Llanvirnian-early Caradocian)	OEc	OCc	5.0	5.0	85ADN143A	10373-CO	A-85-39H	Dumoulin	Harris	*Karl and others (1989b), Table 1, loc. 49.
Baird Mountains D-1	67	53.40	159	6.10	middle Middle-early Late Ordovician (possibly late Middle Ordovician)	OEc	OCc	5.5	5.5	85ADN143X	10516-CO	A-86-33A	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 49.
Baird Mountains D-1	67	54.00	159	6.80	Late Ordovician (possibly Richmondian)	DOc	DOc	5.0	5.5	85ADN142C	10392-CO	A-85-39I	Dumoulin	Harris	
Baird Mountains D-1	67	53.38	159	9.84	Silurian-Middle Devonian	DOc	DOc	5.0	5.0	83PF03B	10887-SD	A-83-27I	Folger	Harris	
Baird Mountains D-1	67	47.53	159	14.17	middle Late Mississippian (latest Meramecian-early Chesterian)	Ml	Kogruk Formation	5.0	5.0	83ADN102E	28976-PC	A-83-27	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 60.
Baird Mountains D-1	67	45.20	159	16.10	Middle Ordovician-Middle Devonian	DOc	DOc	5.0	5.5	8-2-83G		A-83-27J	Karl	Harris	From measured section N of Mt. Angayukaqsraq.
Baird Mountains D-1	67	45.35	159	16.48	Silurian-Mississippian	Ml	Kogruk Formation	5.0	5.0	8-2-83A		A-83-27J	Harris	Harris	From measured section N of Mt. Angayukaqsraq.
Baird Mountains D-1	67	47.10	159	20.00	Middle Ordovician-Silurian	DOc	DOc	5.0	5.0	8-6-83E		A-83-27D	Harris	Harris	
Baird Mountains D-1	67	47.10	159	20.60	Middle Ordovician-Silurian	DOc	DOc	5.0	5.0	8-6-83D		A-83-27D	Harris	Harris	
Baird Mountains D-1	67	47.10	159	21.30	Middle Ordovician-Silurian	DOc	DOc	5.0	5.0	8-6-83C		A-83-27D	Harris	Harris	

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains D-1	67	47.10	159	21.80	Late Silurian (Ludlovian-middle Pridolian)	DOc	DOc	5.0	5.0	8-6-83A	10835-SD	A-83-27D	Harris	Harris	Karl and others (1989b), Table 1, loc. 50.
Baird Mountains D-1	67	49.25	159	21.75	Silurian-Devonian (probably Silurian-Early Devonian)	DOc	DOc	5.0	5.0	83EK08G	10885-SD	A-83-27I	Harris	Harris	
Baird Mountains D-1	67	49.30	159	22.00	Silurian-Early Devonian	DOc	DOc	5.0	5.0	86AD57B	11505-SD	A-86-33A	Dumoulin	Harris	
Baird Mountains D-1	67	49.45	159	22.00	middle Silurian-Early Devonian	DOc	DOc	5.0	5.0	86AD57A	11506-SD	A-86-33A	Dumoulin	Harris	
Baird Mountains D-1	67	51.80	159	22.00	Late Silurian (possibly late Ludlovian-middle Pridolian)	DOc	DOc	5.0	5.0	86AD54Z	11504-SD	A-86-33A	Dumoulin	Harris	
Baird Mountains D-1	67	47.10	159	22.50	Late Ordovician-Devonian	DOc	DOc	5.0	5.0	8-6-83B		A-83-27D	Harris	Harris	
Baird Mountains D-1	67	48.69	159	24.95	Middle Ordovician-Devonian	DOc	DOc	5.5	5.5	86JS17B		A-86-33A	Dumoulin	Harris	
Baird Mountains D-1	67	47.20	159	28.00	middle-Late Silurian	DOc	DOc	5.0	5.0	85ADN140B	11376-SD	A-85-39H	Dumoulin	Harris	
Baird Mountains D-1	67	47.20	159	28.00	latest Early-early Late Silurian (late Llandoverian-Ludlovian)	DOc	DOc	5.0	5.0	85ADN140D	11377-SD	A-85-39H	Dumoulin	Harris	
Baird Mountains D-1	67	47.30	159	28.10	middle Late Silurian (late Ludlovian-middle Pridolian)	DOc	DOc	5.0	5.0	85ADN141A	11379-SD	A-85-39H	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 51.
Baird Mountains D-1	67	45.00	159	29.70	Silurian-Early Devonian	DOc	DOc	5.0	5.0	87AD29Z	11858-SD	A-87-13C	Dumoulin	Harris	
Baird Mountains D-2	67	46.69	159	30.84	late Late Ordovician (Richmondian)	DOc	DOc	5.0	5.0	86AD67B	10562-CO	A-86-33D	Dumoulin	Harris	
Baird Mountains D-2	67	46.47	159	33.10	Middle Ordovician-Middle Devonian	DOc	DOc?	5.0	5.0	8-6-83F		A-83-27D	Harris	Harris	
Baird Mountains D-2	67	46.30	159	33.10	Middle Ordovician-Middle Devonian	DOc	DOc	5.0	5.0	87AD6A		A-87-13A	Dumoulin	Harris	
Baird Mountains D-2	67	46.50	159	34.70	Middle Ordovician-Middle Devonian	DOc	DOc?	5.5	6.0	8-6-83H		A-83-27D	Harris	Harris	
Baird Mountains D-2	67	46.50	159	34.70	Middle Ordovician-Middle Devonian	DOc	DOc?	5.0	5.0	8-6-83I		A-83-27D	Harris	Harris	
Baird Mountains D-2	67	46.10	159	35.60	very latest Ordovician (late Richmondian)	DOc	DOc	5.0	5.0	8-7-84K	10579-CO	A-86-33E	Harris	Harris	
Baird Mountains D-2	67	46.10	159	35.60	Late Ordovician (probably middle Maysvillian-Richmondian)	DOc	DOc	5.0	5.0	83EK13A	9808-CO	A-83-27I	Ellersieck	Harris	
Baird Mountains D-2	67	46.50	159	36.00	Middle Ordovician-Middle Devonian	DOc	DOc?	5.0	5.0	8-6-83J		A-83-27D	Harris	Harris	
Baird Mountains D-4	67	46.00	160	41.00	latest Middle Devonian (late Givetian)	Dl	Nakolik River unit	5.0	5.0	8-4-83D$_1$	10846-SD	A-83-27H	Harris	Harris	Karl and others (1989b), Table 1, loc. 28.
Baird Mountains D-4	67	45.00	160	43.50	Middle-Late Devonian	Dl	*Nakolik River unit	5.0	5.0	81MD137C	10493-SD	NPRA-81-5	Mayfield	Harris	
Baird Mountains D-4	67	46.60	160	49.30	early Late Devonian (Frasnian)	Dl	Nakolik River unit	5.0	5.0	83SK148A	10882-SD	A-83-27I	Karl	Harris	Karl and others (1989b), Table 1, loc. 27.
Baird Mountains D-4	67	46.80	160	50.00	Late Devonian	Dmu	Nakolik River unit	5.0	5.0	83SK147A	10883-SD	A-83-27I	Karl	Harris	
Baird Mountains D-4	67	46.40	160	50.20	Middle Ordovician-Permian	Dmu	Nakolik River unit	5.0	5.5	8-10-84F		A-87-9	Harris	Harris	
Baird Mountains D-4	67	47.82	160	56.49	late Early-Middle Devonian (Emsian-Givetian)	Dmu	Nakolik River unit	5.0	5.0	84EK180	11092-SD	A-84-50C	Ellersieck	Harris	Entry 7398 in Alaska Paleontological Database.
Baird Mountains D-5	67	48.00	161	13.50	Silurian-Permian	Mkl	MDl?	5.0	5.0	85ADN106E		A-85-39A	Dumoulin	Harris	Entry 6654 in Alaska Paleontological Database.
Baird Mountains D-5	67	51.30	161	14.80	latest Devonian (late Famennian)-Early Mississippian	Dn	Limestone above Noatak Sandstone (MDl)	5.0	5.0	84JS20B		A-84-50I	Schmidt	Harris	Entry 7565 in Alaska Paleontological Database.
Baird Mountains D-5	67	51.60	161	15.00	latest Devonian (late Famennian)-Early Mississippian (probably late Famennian)	Dn	Limestone above Noatak Sandstone (MDl)	5.0	5.0	84JS22	11132-SD	A-84-50D	Schmidt	Harris	Karl and others (1989b), Table 1, loc. 25. Entry 7363 in Alaska Paleontological Database.
Baird Mountains D-5	67	48.73	161	16.11	Silurian-Permian	Mkl	Kogruk Formation	5.0	5.0	85ADN108B		A-85-39B	Dumoulin	Harris	Entry 6663 in Alaska Paleontological Database.
Baird Mountains D-5	67	45.66	161	22.76	Devonian-Mississippian	[Mcp]	IPMC (Kuna? Formation)	5.0	5.0	84JS16F		A-84-50I	Schmidt	Harris	Entry 7564 in Alaska Paleontological Database. Sample is from an outcrop of Mcp too small to show on map.
Baird Mountains D-6	67	57.50	161	31.50	late Middle Devonian (middle Givetian)	MzDm	IPDl	3.5	4.0	85ADN86E	11414-SD	A-85-39I	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 2.
Baird Mountains D-6	67	57.70	161	31.60	latest Mississippian-earliest Pennsylvanian (latest Chesterian-very early Morrowan)	MzDm	IPDl	4.0	4.0	85ADN86B	29865-PC	A-85-39I	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 2.
Baird Mountains D-6	67	58.60	161	32.10	late Early Mississippian (Osagean)	MzDm	Ml	3.0	3.0	85BT83B	29866-PC	A-85-39I	Thompson	Harris	
Baird Mountains D-6	67	54.39	161	35.11	late Late Devonian-early Late Mississipian	MDer	Kogruk Formation	5.5	5.5	86AD25A		A-86-33D	Dumoulin	Harris	
Baird Mountains D-6	67	52.05	161	36.00	latest Devonian (late Famennian)-Mississippian	JDk	IPMC (Kuna? Formation)	5.0	5.0	81EK220E		NPRA-81-5	Ellersieck	Harris	Collection reexamined and age confirmed 6/00 by A. Harris. Karl and others (1989b), Table 1, loc. 29.
Baird Mountains D-6	67	58.82	161	36.46	latest Devonian (latest Famennian)	MzDm	Kugururok Formation	3.5	4.0	85ADN91E	11373-SD	A-85-39D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 1.
Baird Mountains D-6	67	48.15	161	36.54	latest Devonian-early Early Mississippian (late Famennian-middle Osagean)	JDk	Endicott Group (Kayak? Shale)	5.0	5.0	79MD184B		NPRA-79-4C	Mayfield	Harris	
Baird Mountains D-6	67	49.70	161	36.60	Early Mississippian (probably Kinderhookian)	JDk	Kayak Shale	5.0	5.0	84EK8	29635-PC	A-84-50I	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 12. Entry 7555 in Alaska Paleontological Database.
Baird Mountains D-6	67	55.00	161	37.00	Middle Ordovician-Middle Devonian	MzDm	Baird(?) Group	4.0	4.0	86MZ022A		A-86-33D	Zayatz	Harris	
Baird Mountains D-6	67	55.80	161	40.80	late Middle-early Late Devonian (Givetian-Frasnian)	MzDm	Kugururok Formation	3.5	4.0	86AD21J	11514-SD	A-86-33D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 5.
Baird Mountains D-6	67	53.30	161	42.00	late Late Devonian (late Famennian)	MzDm	Kugururok Formation	3.0	3.0	84EK52	11131-SD	A-84-50D	Ellersieck	Harris	Entry 7362 in Alaska Paleontological Database.
Baird Mountains D-6	67	52.70	161	43.80	Middle-Late Devonian	MzDm	Kugururok Formation	4.5	5.5	85ADN94F	11276-SD	A-85-39A	Dumoulin	Harris	Entry 6653 in Alaska Paleontological Database.
Baird Mountains D-6	67	45.50	161	44.10	early Early Mississippian (Kinderhookian)	JDk	Mlt	5.0	5.0	85SK192B	29777-PC	A-85-39A	Karl	Harris	Karl and others (1989b), Table 1, loc. 19. Entry 6657 in Alaska Paleontological Database.
Baird Mountains D-6	67	50.20	161	45.00	latest Devonian-early Late Mississippian (late Famennian-Meramecian)	MDer	Kogruk(?) Formation	5.0	5.5	86AD31A		A-86-33D	Dumoulin	Harris	
Baird Mountains D-6	67	49.10	161	47.00	Early Mississippian (late Kinderhookian-Osagean)	MDer	Utukok Formation	5.5	5.5	85SK87A	29855-PC	A-85-39H	Karl	Harris	
Baird Mountains D-6	67	49.30	161	47.60	Late Mississippian (late Meramecian-Chesterian)	MDer	Kogruk Formation	5.5	6.0	86AD14A	29972-PC	A-86-33D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 13.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Baird Mountains D-6	67	49.40	161	48.00	late Early-Late Mississippian (late Osagean-earliest Chesterian)	MDer	Kogruk Formation	4.0	4.5	86AD14B	29973-PC	A-86-33D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 13.
Baird Mountains D-6	67	46.20	161	48.50	Middle Devonian-Early Mississippian	JDk	Kayak Shale	5.0	5.0	85SK201A		A-85-39H	Karl	Harris	CAI cannot be precisely determined because of adventitious organic and mineral matter but is greater than 4.5.
Baird Mountains D-6	67	48.70	161	49.10	latest Devonian-Early Mississippian (late Famennian-Osagean)	MDer	Eli Limestone	4.0	4.5	85BT78B		A-85-39H	Thompson	Harris	
Baird Mountains D-6	67	48.70	161	49.10	late Late Devonian (Famennian)	MDer	Eli Limestone	4.0	4.5	85BT78C	11386-SD	A-85-39H	Thompson	Harris	
Baird Mountains D-6	67	48.60	161	49.30	late Late Devonian (middle-late Famennian)	MDer	Eli Limestone	4.0	4.0	85ADN78B	11302-SD	A-85-39B	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 14. Entry 6660 in Alaska Paleontological Database.
Baird Mountains D-6	67	49.90	161	50.00	Middle-Late Devonian	MzDm	Kugururok Formation	5.0	5.0	85BT79A	11387-SD	A-85-39H	Thompson	Harris	
Baird Mountains D-6	67	47.00	161	50.00	Late Devonian	MDer		4.5	4.5	AM4194-34			AMOCO	Harris	
Baird Mountains D-6	67	46.15	161	50.29	early Middle Devonian (Eifelian-earliest Givetian)	MDer	Baird(?) Group	5.0	5.5	85BT74B	11385-SD	A-89-39H	Thompson	Harris	
Baird Mountains D-6	67	46.10	161	50.30	Silurian-Middle Devonian	MDer	Baird(?) Group	4.0	4.5	86AD35A	11515-SD	A-86-33D	Dumoulin	Harris	
Baird Mountains D-6	67	47.20	161	50.60	Middle Ordovician-Early Devonian	MDer	Baird(?) Group	5.5	6.0	85ADN71C		A-85-39D	Dumoulin	Harris	
Baird Mountains D-6	67	47.30	161	50.70	Early (late Emsian)-Middle Devonian	MDer	Baird(?) Group	5.5	6.0	85ADN71E	11368-SD	A-85-39D	Dumoulin	Harris	
Baird Mountains D-6	67	47.30	161	50.80	Middle Devonian	MDer	Baird(?) Group	5.5	5.5	85ADN71G	11369-SD	A-85-39D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 16.
Baird Mountains D-6	67	47.30	161	51.00	Late Devonian (probably Frasnian)	MDer	Eli Limestone	5.0	5.0	85ADN71L	11370-SD	A-85-39D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 15.
Baird Mountains D-6	67	47.30	161	51.10	Middle-Late Devonian	MDer	Eli Limestone	4.5	4.5	84EK12B	11056-SD	A-84-50A	Ellersieck	Harris	
Baird Mountains D-6	67	47.30	161	51.10	Middle Devonian	MDer	Eli Limestone	4.5	4.5	84EK12A	11090-SD	A-84-50C	Ellersieck	Harris	Entry 7392 in Alaska Paleontological Database.
Baird Mountains D-6	67	47.30	161	51.20	late Middle Devonian (Givetian, probably lower half of Givetian)	MDer	Eli Limestone	4.5	5.0	84ADN69A	11137-SD	A-84-50F	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 15. Entry 7517 in Alaska Paleontological Database.
Baird Mountains D-6	67	46.70	161	52.50	Early Mississippian (probably Kinderhookian)	MDer	Utukok Formation	4.5	4.5	84ADN66H	29382-PC	A-84-50	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 18. Entry 7497 in Alaska Paleontological Database.
Baird Mountains D-6	67	46.70	161	52.50	middle late Early Mississippian (middle Osagean)	MDer	Utukok Formation (top)	4.5	4.5	84ADN66A	29383-PC	A-84-50	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 18. Entry 7498 in Alaska Paleontological Database.
Baird Mountains D-6	67	46.80	161	53.00	late Early-earliest Late Mississippian (late Osagean-early Meramecian)	MDer	Kogruk Formation	4.5	4.5	84ADN65A	29381-PC	A-84-50	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 17. Entry 7496 in Alaska Paleontological Database.
Baird Mountains D-6	67	46.80	161	53.00	latest Early Mississippian (late Osagean)	MDer	Kogruk Formation (base)	4.5	4.5	84ADN65D	29411-PC	A-84-50	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 17.
Baird Mountains D-6	67	46.00	161	53.00	Late Devonian (very probably Famennian)	MDer	Eli Limestone	4.5	4.5	85BT77B	11375-SD	A-85-39D	Thompson	Harris	
Baird Mountains D-6	67	46.10	161	53.00	Ordovician-Triassic	MDer	Eli(?) Limestone	5.0	5.0	85ADN77A		A-85-39H	Dumoulin	Harris	
Baird Mountains D-6	67	46.00	161	53.20	latest Devonian-earliest Mississippian (latest Famennian-early Kinderhookian)	MDer	Eli Limestone	5.0	5.0	85ADN76F		A-85-39A	Dumoulin	Harris	Entry 6652 in Alaska Paleontological Database.
Baird Mountains D-6	67	48.20	161	53.20	latest Middle-earliest Late Devonian (latest Givetian-earliest Frasnian)	MzDm	Kugururok Formation	3.5	3.5	85ADN79Z	11371-SD	A-85-39D	Dumoulin	Harris	Karl and others (1989b), Table 1, loc. 10.
Baird Mountains D-6	67	48.20	161	53.20	latest Early-Middle Devonian (late Emsian-Givetian)	MzDm	Kugururok Formation	2.5	3.0	81EK269	10511-SD	NPRA-81-5	Ellersieck	Harris	Karl and others (1989b), Table 1, loc. 10.
Baird Mountains D-6	67	45.70	161	53.60	Late Devonian	MDer	Eli Limestone	4.5	4.5	85BT82A	11388-SD	A-85-39H	Thompson	Harris	
Baird Mountains D-6	67	47.00	161	54.90	Silurian-Permian (probably Devonian-Mississippian)	MzDm		4.0	4.0	86MZ014A		A-86-33D	Zayatz	Harris	Sample consists of dolostone blocks in melange.
Baird Mountains D-6	67	45.70	161	55.60	latest Devonian-Mississippian	MDer	Kogruk Formation	4.5	5.5	86AD11B		A-86-33D	Dumoulin	Harris	
Baird Mountains D-6	67	49.60	161	55.80	late Middle-early Late Devonian (Givetian-Frasnian)	MzDm	Dl	3.5	4.0	85ADN82B	11303-SD	A-85-39B	Dumoulin	Harris	Entry 6661 in Alaska Paleontological Database.
Baird Mountains D-6	67	49.60	161	55.80	Early Mississippian (possibly Kinderhookian)	MzDm	Ml	3.5	3.5	85ADN84A	29802-PC	A-85-39B	Dumoulin	Harris	Entry 6662 in Alaska Paleontological Database.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Ambler River A-1	67	0.90	156	1.02	Middle Devonian	KJm		5.5	5.5	83ADN123B	10911-SD	A-83-42D	Dumoulin	Harris	
Ambler River A-1	67	0.50	156	2.00	Late Devonian (Frasnian)	KJm	Pzm (Pzb)	3.0	4.0	7-9-84F	11038-SD	A-84-45A	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 1; Pallister and others (1989), Table 2, loc. 1. Entry 7235 in Alaska Paleontological Database.
Ambler River A-1	67	0.60	156	2.20	Middle-Late Devonian	KJm		5.0	5.0	83CC149	10857-SD	A-84-9	Carlson (Patton)	Harris	Entry 5131 in Alaska Paleontological Database.
Ambler River A-1	67	1.90	156	16.50	Late Devonian	JDab	Pzm (KJm)	5.5	6.0	7-12-84H	11104-SD	A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1; Pallister and others (1989), Table 2. Entry 7255 in Alaska Paleontological Database.
Ambler River A-1	67	3.46	156	17.54	early early Late Devonian (early Frasnian)	KJm	Pzm (KJm)	5.0	5.0	7-12-84J	11105-SD	A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1; Pallister and others (1989), Table 2. Entry 7257 in Alaska Paleontological Database.
Ambler River A-2	67	9.00	156	52.00	Middle Devonian-Early Mississippian	JDab	Lisburne Group	7.0	7.0	82TR76A		NPRA-82-10	Tailleur	Harris	
Ambler River A-2	67	3.40	156	52.90	middle Silurian-Devonian	DSc	Baird Group ("Bornite Dolomite" of Hitzman and others, 1982)	5.0	5.0	83TR62	10875-SD	A-84-19	Tailleur	Harris	Entry 5241 in Alaska Paleontological Database.
Ambler River A-2	67	4.20	156	53.40	Ordovician-Triassic	JDab	Lisburne(?) Group ("Beaver Creek Phyllite" of Hitzman and others, 1982)	6.0	6.0	83TR64		A-84-19	Tailleur	Harris	Cosmos Hills (Ruby Creek area). Entry 5243 in Alaska Paleontological Database.
Ambler River A-2	67	4.20	156	53.50	Silurian-Permian	JDab		5.5	5.5	82TR70			Tailleur	Harris	Cosmos Hills (Ruby Creek area).
Ambler River A-2	67	1.93	156	54.69	Early Devonian	DSc		5.0	5.0	83TR56	10874-SD	A-84-19	Tailleur	Harris	Entry 5239 in Alaska Paleontological Database.
Ambler River A-3	67	1.80	157	1.75	middle-Late Silurian (Wenlockian-Pridolian)	DSc		5.0	5.0	85ADN168A	11381-SD	A-85-39A	Dumoulin	Harris	Collection reexamined and age revised 5/31/91 by A. Harris.
Ambler River A-3	67	3.50	157	1.80	Late Silurian-Early Devonian (Wenlockian-early Emsian, possibly Wenlockian-Pridolian)	DSc		5.0	5.0	85ADN161D	11380-SD	A-85-39H	Dumoulin	Harris	Collection reexamined and age revised 5/31/91 by A. Harris.
Ambler River A-3	67	3.58	157	1.98	middle Silurian-Early Devonian (Wenlockian-early Emsian, probably Wenlockian-Ludlovian)	DSc		5.0	5.0	85ADN163A	11318-SD	A-85-39C	Dumoulin	Harris	Collection reexamined and age revised 5/31/91 by A. Harris. Entry 6668 in Alaska Paleontological Database.
Ambler River A-3	67	4.60	157	7.00	late Early Devonian (early Emsian)	DSc		5.0	5.0	83TR67B	10920-SD	A-84-19	Tailleur	Harris	Entry 5247 in Alaska Paleontological Database. This location is approximate.
Ambler River A-4	67	12.80	157	47.20	Middle Ordovician-Middle Devonian	P_zpc		6.0	7.0	7-13-84B		A-84-45B	Harris	Harris	Entry 7260 in Alaska Paleontological Database.
Ambler River A-5	67	14.70	158	2.60	Late Silurian-Early Devonian	JDab		5.0	5.0	84APA119A	11036-SD	A-84-45A	Patton	Harris	Entry 7231 in Alaska Paleontological Database.
Ambler River A-5	67	14.90	158	6.30	Middle Devonian	P_zpc		7.0	7.0	83TR51	10873-SD	A-84-19	Tailleur	Harris	Entry 5237 in Alaska Paleontological Database.
Ambler River A-5	67	4.90	158	28.40	Early-Middle Triassic	[JDab?]		3.0	3.0	82JCHD32	MES-33267	P&S-85-3B	Jones	Harris	The location of this sample is suspect; we could not confirm or disprove it. Age and CAI of conodonts suggest sample from carbonate rocks in JDab.
Ambler River B-1	67	23.28	156	9.40	early Late Mississippian (late Meramecian)	Mkkl	Lisburne Group	5.0	5.5,6	86AD82A	29936-PC	A-86-33b	Dumoulin	Harris	Collection reexamined and age confirmed 10/94 by A. Harris.
Ambler River B-1	67	26.70	156	10.70	early Early Mississippian (middle-late Kinderhookian)	Mkkl	*Endicott Group (Kayak Shale)	5.0	5.5	86AD96D	29940-PC	A-86-33b	Dumoulin	Harris	Collection reexamined and age confirmed 10/94 by A. Harris. Kayak Shale equivalent in age and biofacies. Conodonts suggest a high-energy, shallow-water environment.
Ambler River B-1	67	24.40	156	11.89	latest Late Mississippian (latest Chesterian)	Mkkl	*Lisburne Group	5.5	5.5	87Tr32B	30156-PC	A-88-1	Tailleur	Harris	Collection reexamined and age confirmed 10/94 by A. Harris. Equivalent in age to upper part of Alapah Limestone.
Ambler River B-1	67	24.40	156	11.89	Silurian-Permian	Mkkl	Endicott(?) Group (Kayak? Shale)	5.0	5.0	87TR32A		A-88-1	Tailleur	Harris	
Ambler River B-1	67	24.50	156	12.30	late Late Devonian-early Early Mississippian (latest Famennian-Kinderhookian, probably Kinderhookian)	Mkkl	Endicott Group (Kayak Shale)	5.0	5.5	86JS34E		A-86-33c	Schmidt /Dumoulin	Harris	Collection reexamined and age confirmed 10/94 by A. Harris. Conodonts indicate a relatively high-energy, shallow-water environment.
Ambler River B-1	67	25.56	156	12.70	Late Mississippian (late Meramecian-Chesterian, possibly late Meramecian-early Chesterian)	Mkkl	Lisburne Group (uppermost part)	5.5	6.5	83Mu25	29374-PC	A-84-48	Mull	Harris	Collection reexamined and age confirmed 10/94 by A. Harris. Entry 7322 in Alaska Paleontological Database.
Ambler River B-1	67	25.46	156	15.92	late Early-early Late Mississippian (Osagean-Meramecian)	Mkkl	Lisburne Group	5.0	5.0	93JT57	32360-PC	O-94-19	Toro	Harris	Equivalent in age to Wachsmuth Limestone or lower part of Alapah Limestone
Ambler River B-1	67	25.50	156	16.00	early Early Mississippian (Kinderhookian)	Mkkl	*Endicott Group (Kayak Shale)	5.0	5.0	76Tr96B	27437-PC	A-76-34	Tailleur	Harris/Repetski	Collection reexamined and age revised 10/94 by A. Harris. Conodonts suggest a shallow-water, high-energy environment. Entry 5684 in Alaska Paleontological Database.
Ambler River B-1	67	25.60	156	16.00	early Late Mississippian (late Meramecian)	Mkkl	Lisburne Group	5.0	5.0	76Tr161F	28083-PC	NPRA-81-1	Tailleur	Harris	Collection reexamined and age confirmed 10/94 by A. Harris.
Ambler River B-1	67	25.50	156	17.00	Early Mississippian (middle Kinderhookian-Osagean)	Mkkl	Lisburne Group	5.5	6.0	82Tr75C		NPRA-82-10	Tailleur	Harris	Collection reexamined and age confirmed 10/94 by A. Harris.
Ambler River B-1	67	25.52	156	18.75	Silurian-Permian	Mkkl	Lisburne(?) Group	5.0	5.0	93JT24		O-94-19	Toro	Harris	
Ambler River B-1	67	26.00	156	19.40	early Late Mississippian (late Meramecian-early Chesterian)	Mkkl	Lisburne(?) Group	5.0	5.0	86AD84C	29937-PC	A-86-33b	Dumoulin	Harris	Collection reexamined and age confirmed 10/94 by A. Harris.

TABLE A-1. Conodont data–Continued.

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QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Ambler River B-1	67	26.00	156	19.40	early Early Mississippian (Kinderhookian)	Mkkl	Endicott Group (Kayak Shale)	5.0	5.5	7-11-84B	29614-PC	A-84-45b	Harris	Harris	Collection reexamined and age revised 10/94 by A. Harris. Conodonts indicate a shallow-water, relatively high-energy environment. Entry 7247 in Alaska Paleontological Database.
Ambler River B-1	67	26.35	156	19.56	Silurian-Permian	Mkkl	Lisburne? Group	5.0	5.0	93JT10		O-94-19	Toro	Harris	
Ambler River B-3	67	25.00	157	4.80	late Early Devonian (middle Emsian)-Middle Devonian	P$_z$sm		5.0	5.5	7-13-84F	11088-SD	A-84-45B	Harris	Harris	Entry 7276 in Alaska Paleontological Database.
Ambler River B-3	67	22.90	157	13.80	Ordovician-Early Devonian	DPsc		5.0	5.5	87AD69G		A-87-13A	Dumoulin	Harris	
Ambler River B-5	67	15.50	158	3.60	Middle Devonian	P$_z$pc		5.0	5.5	7-13-84D	11086-SD	A-84-45B	Harris	Harris	Entry 7274 in Alaska Paleontological Database.
Ambler River B-5	67	15.50	158	3.60	Middle Devonian-earliest Frasnian	P$_z$pc		5.0	5.5	7-13-84E	11087-SD	A-84-45B	Harris	Harris	Entry 7275 in Alaska Paleontological Database.
Ambler River B-5	67	15.20	158	6.40	late Middle Devonian (Givetian)	P$_z$pc		5.0	5.0	83TR48	10922-SD	A-84-19A	Tailleur	Harris	Entry 5231 in Alaska Paleontological Database.
Ambler River B-5	67	15.30	158	6.40	middle Middle Devonian (middle Eifelian-early Givetian)	P$_z$pc	Baird? Group	5.0	5.0	83TR49	10872-SD	A-84-19	Tailleur	Harris	Entry 5236 in Alaska Paleontological Database.
Ambler River B-5	67	16.72	158	14.44	late Early Mississippian (middle Osagean)	P$_z$pc		5.0	5.0	86ATi72	29974-PC	A-86-33c	Till	Harris	Jade Mountains carbonate. Age confirmed 1/07 by A. Harris.
Ambler River B-5	67	17.30	158	15.70	probably Early-early Late Mississippian	P$_z$pc	Lisburne? Group	5.0	5.0	83TR46		A-84-19A,B	Tailleur	Harris	Jade Mountains. Entry 5230 in Alaska Paleontological Database.
Ambler River B-5	67	17.30	158	15.70	Silurian-Permian	P$_z$pc		5.0	5.0	86ATi71A		A-86-33c	Till	Harris	
Ambler River B-6	67	20.30	158	38.90	middle Silurian-late Early Devonian (Wenlockian-Emsian)	P$_z$pc		5.0	5.5	88AD66A	11930-SD	A-89-4	Dumoulin	Harris	
Ambler River B-6	67	18.60	158	50.80	Late Silurian-early Early Devonian (Lochkovian)	P$_z$pc		5.0	5.0	86ATi66	11513-SD	A-86-33B	Till	Harris	
Ambler River C-1	67	30.40	156	1.50	early Late Silurian (earliest to late, but not latest, Ludlovian)	Spl	Dbl (Mayfield and Tailleur, 1978)	5.0	5.0	87JS38D	11857-SD	A-87-13A	Schmidt /Dumoulin	Harris	Collection reexamined and age confirmed 10/94 by A. Harris. Conodonts indicate normal marine, platform to off-platform setting.
Ambler River C-1	67	35.00	156	5.50	Silurian-early Late Mississippian (possibly Late Devonian-Meramecian)	Mu	Lisburne Group (Utukok Formation)	5.0	5.0	87AD66C		A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	32.20	156	16.70	Ordovician, possibly Early Ordovician	P$_z$m		5.5	6.0	87AD49A	10643-CO	A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	31.80	156	21.50	late Early-early Middle Ordovician	P$_z$m		5.0	5.5	87AD48A	10641-CO	A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	31.80	156	21.50	late Late Ordovician	P$_z$m		5.0	5.0	87AD48B	10642-CO	A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	33.57	156	22.77	middle to early Late Silurian (Wenlockian-Ludlovian)	Spl		5.0	5.5	87AD51	11769-SD	A-87-13A	Dumoulin	Harris	Dumoulin and Harris (1988), locality C.
Ambler River C-1	67	30.80	156	23.00	Late Silurian (late Ludlovian)	P$_z$m		5.0	5.0	87AD58A	11855-SD	A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	33.80	156	23.00	Middle Ordovician-Middle Devonian	Spl		5.0	5.0	87AD50AA		A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	32.00	156	24.00	middle Silurian-late Early Devonian (Wenlockian-Emsian)	P$_z$m		5.0	5.0	87AD61A	11856-SD	A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	31.50	156	24.50	Upper Ordovician-Middle Devonian	P$_z$m		5.0	5.0	87AD54A		A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	31.30	156	24.80	middle Silurian (Wenlockian)-Late Silurian	P$_z$m		5.0	5.0	87AD53A	11870-SD	A-87-13E	Dumoulin	Harris	
Ambler River C-1	67	31.20	156	25.00	Late Ordovician	P$_z$m		5.0	5.0	87AD56A	10644-CO	A-87-13A	Dumoulin	Harris	
Ambler River C-1	67	31.70	156	28.00	middle Silurian (Wenlockian)-Late Silurian	P$_z$m		5.0	5.0	87AD70C	11871-SD	A-87-13E	Dumoulin	Harris	
Ambler River C-2	67	43.00	156	38.40	Silurian-Middle Devonian	P$_z$m		5.5	5.5	79ABE99			Brosgé	Harris	Entry 8050 in Alaska Paleontological Database.
Ambler River C-2	67	43.30	156	40.00	middle to early Late Silurian (Wenlockian-Ludlovian)	Spl	Ds (Mayfield and Tailleur, 1978)	5.0	5.0	86AD85H, L, O, R	11507-SD	A-86-33B	Dumoulin	Harris	Dumoulin and Harris (1988), locality A.
Ambler River C-2	67	43.75	156	44.00	Middle Ordovician-Early Silurian	P$_z$m		5.0	5.5	76TR190E	8669-CO	A-76-35	Tailleur	Harris	
Ambler River C-2	67	37.64	156	55.45	Middle Ordovician-Middle Devonian	P$_z$m	Baird? Group	5.0	5.5	76TR86B	9803-SD	A-76-35	Tailleur	Repetski /Harris	
Ambler River D-2	67	45.67	156	52.79	Silurian-Middle Devonian	Spl	Ds (Mayfield and Tailleur, 1978)	5.0	5.0	86AD100F	11511-SD	A-86-33B	Dumoulin	Harris	Dumoulin and Harris (1988), locality B.
Ambler River D-5	67	46.70	158	3.60	Early Mississippian	P$_z$m		4.5	5.0	6186-13			AMOCO	Harris	
Ambler River D-5	67	47.75	158	4.45	Middle Ordovician-Middle Devonian	Dmu	Wacke and carbonate unit	5.0	5.5	76TR3E	9802-SD	A-76-35	Tailleur	Repetski /Harris	
Ambler River D-6	67	53.00	158	49.00	Early Silurian (latest Llandoverian)	Spl	Pzbs (Mayfield and Tailleur, 1978)	5.5	6.0	86AD66C	11516-SD	A-86-33C	Dumoulin	Harris	Dumoulin and Harris (1988), locality D.
Ambler River D-6	67	46.80	158	56.70	probably Early or Middle Ordovician	[DOc?]		6.0	6.0	76TR50E	8668-CO	A-76-35	Tailleur	Repetski /Harris	Sample is from an outcrop of DOc? too small to show on map.
Ambler River D-6	67	45.80	158	58.40	Silurian-Mississippian	DOc		5.0	5.0	86AD65A		A-86-33b	Dumoulin	Harris	
Shungnak D-2	66	56.30	156	38.00	Silurian-Permian	JDab		5.0	5.0	68551N,I,K		O-69-12	AMOCO?	Harris	

TABLE A-1. Conodont data–Continued.

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QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Survey Pass A-6	67	0.20	155	55.00	Ordovician-Devonian (likely Ordovician-Silurian)	KJm	Pzl	5.0	5.0	78ANS020A		A-78-21	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 80. Entry 8260 in Alaska Paleontological Database.
Survey Pass A-6	67	0.30	155	55.50	Middle-Late Devonian	KJm	Pzm (Pzb)	4.0	4.5	7-12-84G	11103-SD	A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 2; Pallister and others (1989), Table 2, loc. 2.
Survey Pass A-6	67	0.20	155	58.20	Middle Devonian-Early Mississippian	KJm	Pzm (Pzb)	5.0	5.5	7-12-84E		A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 2; Pallister and others (1989), Table 2, loc. 2. Entry 7252 in Alaska Paleontological Database.
Survey Pass A-6	67	0.30	155	58.90	Silurian-Permian	KJm	Pzm (Pzb)	5.0	5.5	7-12-84C		A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 2; Pallister and others (1989), Table 2, loc. 2. Entry 7250 in Alaska Paleontological Database.
Survey Pass A-6	67	0.30	155	58.90	Early-early Middle Ordovician (Tremadocian-Arenigian)	KJm		5.5	5.5	7-12-84D	9918-CO	A-84-45B	Harris	Harris	Entry 7251 in Alaska Paleontological Database.
Survey Pass A-6	67	0.30	155	58.90	probably middle Late Devonian (Frasnian)	KJm	Pzm (Pzb)	5.5	6.0	7-12-84F	11102-SD	A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 2; Pallister and others (1989), Table 2, loc. 2. Entry 7253 in Alaska Paleontological Database.
Survey Pass C-1	67	36.50	153	3.50	Middle Ordovician-Triassic	Mu	Kayak(?) Shale	5.5	5.5	78AMH177C		A-79-6	Nelson (Miller)	Harris	Nelson and Grybeck (1980), Table 1, loc. 61.
Survey Pass C-4	67	32.04	154	52.98	early Middle Ordovician (middle-late Llanvirnian)	OPc		5.0	5.0	93JT141	11121-CO	O-94-19	Toro	Harris	
Survey Pass C-6	67	35.49	155	55.80	Middle Ordovician-Middle Devonian	Pzm	Skajit Limestone	5.0	5.0	78ANS028A		A-78-21	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 55. Entry 8269 in Alaska Paleontological Database.
Survey Pass D-1	67	58.80	153	14.10	late Early Devonian-middle Mississippian	Mkl	Limestone in Kayak Shale	5.5	5.5	78AMM12C		A-79-6	Nelson (Mullen)	Harris	Nelson and Grybeck (1980), Table 1, loc. 5.
Survey Pass D-1	67	59.00	153	14.40	Late Mississippian (probably late Meramecian-early Chesterian)	Mkl	Lisburne Group	5.0	5.0	78ABE236B	27473-PC	A-78-23	Brosgé	Harris	Nelson and Grybeck (1980), Table 1, loc. 6. Entry 8708 in Alaska Paleontological Database.
Survey Pass D-1	67	45.60	153	16.00	Late Devonian	Dmu	Dl	5.0	5.0	78ANS0054A	9963-SD	A-78-21	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 53. Entry 8330 in Alaska Paleontological Database.
Survey Pass D-1	67	45.00	153	28.50	Middle-Late Devonian (Givetian-Frasnian)	Dmu	Dl	5.0	5.0	77ANS202A	9798-SD	A-77-17	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 52. Entry 2220 in Alaska Paleontological Database.
Survey Pass D-1	67	49.10	153	28.50	Middle Devonian-Early Mississippian	Dmu	Dl	5.0	5.0	78AMH158A		A-79-6A	Nelson (Miller)	Harris	Nelson and Grybeck (1980), Table 1, loc. 51. Megafossils (echinoderms and corals) at this locality are Late Devonian (Frasnian?)
Survey Pass D-2	67	46.10	153	45.00	Middle-Late Devonian	Dmu	Dcg	5.0	5.0	78ANS205A		A-78-30	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 48.
Survey Pass D-4	67	53.70	154	33.50	post-Ordovician Paleozoic	Mkl	Kayak Shale	5.0	5.0	78ANS164A		A-79-6	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 19.
Survey Pass D-4	67	53.70	154	33.50	Late Devonian-Early Mississippian (late Famennian-Kinderhookian)	Mkl	Kayak Shale	4.5	5.0	78ANS164B		A-79-6	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 19.
Survey Pass D-4	67	55.50	154	36.30	Late Devonian-Early Mississippian (late Famennian-early Kinderhookian)	Mkl	Limestone in Kayak Shale	5.0	5.0	78ADG145A		A-79-6	Grybeck	Harris	Nelson and Grybeck (1980), Table 1, loc. 18. Ostracodes at this locality are Early-early Late Mississippian (Kinderhookian-Meramecian).
Survey Pass D-4	67	55.10	154	38.90	Late Devonian-Early Mississippian (late Famennian-early Kinderhookian)	Mkl	Kayak Shale	4.5	5.0	78ADG142B		A-79-6	Grybeck	Harris	Nelson and Grybeck (1980), Table 1, loc. 13.
Survey Pass D-4	67	54.90	154	40.00	Late Devonian-Early Mississippian (late Famennian-middle Osagean)	Mkl	Kayak Shale	5.0	5.0	78ADG141B		A-79-6	Grybeck	Harris	Nelson and Grybeck (1980), Table 1, loc. 16.
Survey Pass D-6	67	56.49	155	41.01	late Late Devonian (late Famennian)	Mkl	Lisburne Group	4.0	4.0	78ANS029A	9953-SD	A-78-21	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 9. Entry 8271 in Alaska Paleontological Database. Conodonts may be reworked.
Survey Pass D-6	67	57.66	155	41.34	Late Devonian-Early Mississippian (late Famennian-Kinderhookian, probably Kinderhookian)	Mkl		4.5	5.0	79ABE110C			Brosgé	Harris	Entry 8051 in Alaska Paleontological Database.
Survey Pass D-6	67	56.46	155	41.47	Silurian-Triassic	Mkl	Kayak Shale	4.5	5.0	78ANS181A		A-79-6	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 8.
Survey Pass D-6	67	57.56	155	41.60	Late Devonian-Early Mississippian (Famennian-Kinderhookian)	Mkl	Kayak Shale	4.0	4.0	78ANS182A		A-79-6	Nelson	Harris	Nelson and Grybeck (1980), Table 1, loc. 3. Megafossils (echinoderms, bryozoans, and brachiopods) at this locality are Early Mississippian.
Hughes D-1	66	57.6	153	20.1	Middle Devonian-earliest Late Devonian (Eifelian-earliest Frasnian)	JDab	Pzm (KJm)	5.0	5.5	7-9-84B	11015-SD		Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 7; Pallister and others (1989), Table 2, loc. 7. Entry 7226 in Alaska Paleontological Database.
Hughes D-2	66	59.40	153	51.70	No older than latest Mississippian (latest Chesterian)	KJm		5.5	5.5	7-8-84A	29367-PC	A-84-45	Harris	Harris	Entry 7213 in Alaska Paleontological Database. Contains redeposited conodonts of Middle Devonian, Early Mississippian, and early Late Mississippian (Meramecian) ages.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Hughes D-2	66	59.40	153	51.70	Late Devonian	KJm	Nuka? Formation	5.0	5.5	7-8-84B	11008-SD	A-84-45	Harris	Harris	Entry 7214 in Alaska Paleontological Database. Sample from greenish calcareous sandstone that contains feldspar and rounded quartz pebbles; if this is truly Nuka Formation, conodont must be reworked.
Hughes D-2	66	59.40	153	51.70	No older than latest Mississippian (latest Chesterian)	KJm	Lisburne Group of Ipnavik River allochthon?	5.0	5.5	7-8-84C	29368-PC	A-84-45	Harris	Harris	Entry 7215 in Alaska Paleontological Database. Contains redeposited conodonts of Early Mississippian and early Late Mississippian (Meramecian) ages.
Hughes D-2	66	57.40	154	0.00	late Early Mississippian (middle Osagean)	JDab	Lisburne Group	4.0	4.0	7-10-84A	29613-PC	A-84-45B	Harris	Harris	Entry 7239 in Alaska Paleontological Database.
Hughes D-3	66	58.00	154	1.00	Middle Devonian (very probably Givetian)	KJm		5.0	5.0	84APA103C	11035-SD	A-84-45A	Patton	Harris	Entry 7229 in Alaska Paleontological Database.
Hughes D-4	66	56.60	154	51.00	Devonian-Mississippian	JDab		5.0	5.5	7-8-84J		A-84-45	Harris	Harris	Entry 7222 in Alaska Paleontological Database.
Hughes D-4	66	57.10	154	45.10	Early Mississippian	Pzpc		3.0	4.0	7-10-84B	29407-PC	A-84-45A	Harris	Harris	Entry 7236 in Alaska Paleontological Database.
Hughes D-4	66	57.10	154	44.60	Middle-Late Devonian	Pzpc		5.0	5.0	7-8-84F	11011-SD	A-84-45	Harris	Harris	Entry 7218 in Alaska Paleontological Database.
Hughes D-4	66	57.10	154	44.60	Middle-Late Devonian	Pzpc		5.0	5.5	7-8-84G	11012-SD	A-84-45	Harris	Harris	Entry 7219 in Alaska Paleontological Database.
Hughes D-4	66	57.90	154	51.90	Middle-Late Devonian	KJm		5.0	5.0	7-8-84K	11013-SD	A-84-45	Harris	Harris	
Hughes D-4	66	57.90	154	51.90	Middle-earliest Late Devonian (Middle Devonian-earliest Frasnian)	KJm		5.0	5.5	7-8-84L	11014-SD	A-84-45	Harris	Harris	Entry 7224 in Alaska Paleontological Database.
Hughes D-4	66	58.10	154	52.40	latest Devonian-Early Mississippian (late Famennian-Osagean)	KJm		5.5	7.0	7-10-84H		A-84-45B	Harris	Harris	Entry 7243 in Alaska Paleontological Database. Range in CAI values suggests contact metamorphism; sample is block of carbonate within mafic rocks.
Hughes D-4	66	58.10	154	52.40	late Late Devonian-late Early Mississippian (late Famennian-Osagean)	KJm		5.0	5.5	7-10-84I		A-84-45A	Harris	Harris	Entry 7244 in Alaska Paleontological Database.
Hughes D-5	66	57.60	155	19.00	Middle-earliest Late Devonian (Middle Devonian-earliest Frasnian)	KJm	Pzm (KJm)	5.0	5.5	7-8-84D	11009-SD	A-84-45	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 8; Pallister and others (1989), Table 2, loc. 8. Entry 7216 in Alaska Paleontological Database.
Hughes D-5	66	57.60	155	19.00	Middle Devonian-earliest Late Devonian (Eifelian-earliest Frasnian)	KJm		5.0	5.5	7-8-84E	11010-SD	A-84-45	Harris	Harris	Entry 7217 in Alaska Paleontological Database.
Hughes D-6	66	57.30	155	31.90	Early Devonian-Early Pennsylvanian	JDab	Lisburne Group	4.5	5.0	72TR50			Tailleur	Harris	
Hughes D-6	66	57.40	155	32.10	Triassic (early Late Triassic [Carnian]?)	JDab		5.0	5.0	84APA72B	MES-33269	A-85-25	Jones /Patton	Denkler	Entry 6344 in Alaska Paleontological Database. Radiolarians from this sample indicate a Carnian? age; conodonts are latest Middle-Late Triassic (late Ladinian-early Norian).
Hughes D-6	66	57.40	155	31.80	late Early Mississippian (middle Osagean)	JDab	Pzm (Pzb)	5.0	5.0	7-12-84A	29615-PC	A-84-45B	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 4; Pallister and others (1989), Table 2, loc. 4. Entry 7248 in Alaska Paleontological Database.
Hughes D-6	66	59.30	155	43.80	Middle-Late Devonian	JDab	Pzm (KJm)	5.0	5.0	7-9-84D	11037-SD	A-84-45A	Harris	Harris	Pallister and Carlson (1988), Table 1, loc. 3; Pallister and others (1989), Table 3, loc. 3. Entry 7233 in Alaska Paleontological Database.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Wiseman A-1	67	10.30	150	15.10	Early-Late Mississippian	JDab		2.0	2.0	84JCHD17C	29647-PC	P&S-85-3A	Jones	Harris	Cathedral Mountain.
Wiseman A-1	67	9.20	150	28.30	Silurian-Triassic	JDab		2.0	3.0	75TR140			Tailleur	Harris	Twelvemile Mountain.
Wiseman A-1	67	9.20	150	28.20	late Early Mississippian (middle Osagean)	JDab		2.5	2.5	82-S-953	29242-PC	A-84-10	Silberling	Harris	Twelvemile Mountain. Collection reexamined and age confirmed 2/02 by A. Harris. Conodonts suggest a high-energy depositional setting.
Wiseman A-1	67	8.50	150	29.00	late Early-Late Mississippian (Osagean-Chesterian)	JDab		2.0	2.5	88AD37A	30291-PC	A-89-4	Dumoulin	Harris	Twelvemile Mountain. Collection reexamined and age revised 2/02 by A. Harris. Conodonts indicate post-mortem hydraulic transport of shallow-water forms.
Wiseman A-1	67	8.50	150	29.00	late Early Mississippian (middle Osagean)	JDab		2.5	2.5	88AD37B	30290-PC	A-89-4	Dumoulin	Harris	Twelvemile Mountain. Collection reexamined and age revised 2/02 by A. Harris. Conodonts represent mixed, chiefly shallow-water biofacies.
Wiseman A-1	67	8.50	150	29.00	late Early Mississippian (middle Osagean)	JDab		2.0	2.5	88AD37C	30289-PC	A-89-4	Dumoulin	Harris	Twelvemile Mountain. Collection reexamined and age revised 2/02 by A. Harris. Conodonts probably represent a lag concentrate.
Wiseman A-5	67	10.70	152	12.90	Devonian	Da		5.0	5.0	81DN55	10622-SD		Brosgé	Harris	
Wiseman A-5	67	4.90	152	28.40	Early Mississippian	JDab		5.0	5.0	73TR7.1	28582-PC		Tailleur	Harris	Heart Mountain.
Wiseman A-5	67	4.82	152	29.38	Mississippian-Triassic	JDab		5.0	5.0	7-7-84B			Harris	Harris	Heart Mountain.
Wiseman A-6	67	5.30	152	43.50	Mississippian (Kinderhookian-Meramecian)	JDab		5.0	5.0	82-S-905	29241-PC	PS-84-2	Silberling	Harris	Collection reexamined and age confirmed 2/02 by A. Harris.
Wiseman B-1	67	23.30	150	12.90	early Early Devonian (Lochkovian)	DPsc	Emma Creek schist	5.0	5.0	89TM314	11973-SD	A-89-14	Moore	Harris	Moore and others (1997a), Table 2.
Wiseman B-1	67	21.70	150	14.00	Ordovician-Triassic	DPsc	Emma Creek schist	5.5	5.5	88SK105A		A-89-16	Karl	Harris	Moore and others (1997a), Table 2.
Wiseman B-1	67	22.00	150	15.00	probably Silurian-Devonian	DPsc	Emma Creek schist	5.5	6.0	88SK104A	11995-SD	A-89-16	Karl	Harris	Moore and others (1997a), Table 2.
Wiseman B-1	67	17.40	150	16.30	Early Silurian-Late Devonian	DPsc	Emma Creek schist	5.0	5.0	90ATi1C	12074-SD	A-90-4B	Till	Harris	Moore and others (1997a), Table 2.
Wiseman B-6	67	28.26	152	52.98	Middle Devonian-Early Mississippian	Mu		5.0	5.0	79DN275			Dillon	Harris	Foraminifers from this locality are of possible Mississippian age (see entry 3804 in Alaska Paleontological Database).
Wiseman B-6	67	28.85	152	59.56	Middle Devonian	Dhf		5.0	5.0	81DN134	10624-SD		Brosgé	Harris	This is an atypically old age for Hunt Fork Shale; the conodonts may have been reworked from an older source, or dervived from an unrecognized outcrop of Dmu.
Wiseman B-6	67	28.50	152	59.00	Middle-Late Devonian	Dhf		5.0	5.0	81DN135	10625-SD		Brosgé	Harris	
Wiseman C-1	67	36.42	150	6.40	Middle-Late Devonian	Dhf	Beaucoup Formation	5.0	5.0	89APR124A	11965-SD	A-89-14	Plafker	Harris	
Wiseman C-1	67	34.90	150	8.20	early Middle Ordovician	OPc	Snowden Creek unit	5.0	5.0	89ATi18A	10728-CO	A-89-14	Till	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 35.
Wiseman C-1	67	41.60	150	20.50	Middle-Late Devonian	Dhf		5.0	5.5	82ADU3B	11307-SD	A-84-21	Dutro	Denkler	
Wiseman C-1	67	39.60	150	28.60	Late Devonian	Dhf		5.0	5.0	82ABE322B		A-84-21	Brosgé	Harris	
Wiseman C-2	67	34.60	150	44.50	Early-Late Devonian	Dhf		5.0	5.0	82ABE289		A-84-21	Brosgé	Harris	
Wiseman C-2	67	42.70	150	50.20	Middle-Late Devonian	Dhf		5.0	5.5	82ABE317A		A-84-21	Brosgé	Harris	
Wiseman C-2	67	40.60	150	53.50	Middle-Late Devonian	Dhf		5.0	5.0	82ABE318		A-84-21	Brosgé	Harris	
Wiseman C-4	67	43.30	151	30.20	Silurian-Triassic	S€vs		5.0	5.0	81ABE113A			Brosgé	Harris	
Wiseman C-4	67	35.30	151	38.70	Middle Ordovician-Late Devonian	Dmu		5.0	5.0	82ABE240J		A-84-21	Dutro	Harris	
Wiseman C-6	67	44.27	152	43.24	Middle-Late Devonian	Dmu		5.0	5.0	81ABE94B	10626-SD		Brosgé	Harris	
Wiseman C-6	67	33.60	152	52.40	Middle Devonian	Dmu		5.0	5.0	81DN105	10623-SD		Brosgé	Harris	
Wiseman D-1	67	45.30	150	1.50	late Middle-Late Devonian	P₂w		5.0	5.0	89TM282A	11972-SD	A-89-14	Moore	Harris	
Wiseman D-1	67	56.69	150	25.42	Silurian	Dmu	Devonian basal conglomerate	5.0	5.0	7-28-84A	11100-SD	A-85-11	Harris	Harris	Entry 6349 in Alaska Paleontological Database. Conodonts derived from clasts(?) of carbonate in possible deformed conglomerate.
Wiseman D-1	67	56.30	150	25.70	Late Devonian-Early Mississippian (Kinderhookian)	ŦCs	Lisburne(?) Group	5.5	6.0	7-28-84B		A-85-11	Harris	Harris	Entry 6350 in Alaska Paleontological Database.
Wiseman D-1	67	56.20	150	25.70	early Early Mississippian (Kinderhookian)	ŦCs	Kayak Shale	5.0	5.0	7-28-84C	29610-PC	A-85-11	Harris	Harris	Entry 6351 in Alaska Paleontological Database.
Wiseman D-1	67	56.20	150	25.80	Early-Middle Pennsylvanian (Morrowan)	ŦCs	Lisburne Group	5.0	5.0	7-28-84E	29611-PC	A-85-11	Harris	Harris	Entry 6352 in Alaska Paleontological Database.
Wiseman D-1	67	56.25	150	26.80	latest Mississippian-Middle Pennsylvanian (latest Chester-early Atokan)	ŦCs	Lisburne Group (top)	4.5	5.0	84AKA19-1	29612-PC	O-85-22	Adams	Harris	Adams (1994), sheet 8; Amawk Creek section.
Wiseman D-1	67	56.25	150	26.80	latest Mississippian-Middle Pennsylvanian (latest Chester-early Atokan)	ŦCs	Lisburne Group (top)	5.0	5.5	84AKA19-2	29607-PC	O-85-21	Adams	Harris	Adams (1994), sheet 8; Amawk Creek section. Entry 6087 in Alaska Paleontological Database.
Wiseman D-2	67	54.90	150	40.30	Early-Middle Pennsylvanian (Morrowan-Atokan)	ŦCs	Lisburne Group	4.5	5.0	89AD45F	30298-PC	A-89-14	Dumoulin	Harris	
Wiseman D-2	67	55.45	150	42.42	latest Mississippian-Middle Pennsylvanian (latest Chester-early Atokan)	ŦCs	Lisburne Group (top)	4.5	5.0	84AKA4-1	29343-PC	O-84-43	Adams	Harris	Adams (1994), sheet 9; Bombardment Creek section. Entry 5204 in Alaska Paleontological Database.

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Wiseman D-2	67	55.45	150	42.42	latest Mississippian-Middle Pennsylvanian (latest Chester-early Atokan)	ŦCs	Lisburne Group (top)	4.5	5.0	84AKA4-3	29366-PC	O-84-43	Adams	Harris	Adams (1994), sheet 9; Bombardment Creek section. Entry 5206 in Alaska Paleontological Database.
Wiseman D-2	67	55.00	150	42.50	Late Triassic	ŦCs	Shublik Formation	5.0	5.0	82TR42C	MES 32767		Tailleur	Harris	
Wiseman D-2	67	55.50	150	42.70	Early-Middle Pennsylvanian (Morrowan)	ŦCs	Lisburne Group	4.5	5.0	89AD44C	30296-PC	A-89-14	Dumoulin	Harris	
Wiseman D-2	67	55.50	150	42.70	late Late Mississippian-early Early Pennsylvanian	ŦCs	Lisburne Group	5.0	5.0	89AD44Z	30297-PC	A-89-14	Dumoulin	Harris	
Wiseman D-2	67	53.00	150	45.00	Late Mississippian	ŦCs		3.0	4.0	5462-4			AMOCO	Harris	
Wiseman D-2	67	52.92	150	53.33	Mississippian	ŦCs		5.5	5.5	84DN268	29582-PC	O-85-14	Dillon	Harris	
Wiseman D-2	67	52.70	150	53.50	Early Mississippian (late Kinderhookian-late Osagean)	ŦCs		5.0	5.5	84ADU2	29803-PC	A-84-22	Dutro	Denkler	Collection reassessed and age confirmed 1/07 by A. Harris.
Wiseman D-2	67	53.00	150	54.60	Middle Devonian-Late Devonian	Dmu		5.0	5.5	82ADU3B	11307-SD	A-84-22	Dutro	Harris	
Wiseman D-3	67	50.80	151	2.20	Early Silurian	S€vs		5.0	5.5	84ADU5	11447-SD	A-84-22	Dutro	Harris	Additional material from this sample was processed and age was refined; revised age reported by Harris in E&R P&S-86-4.
Wiseman D-3	67	51.90	151	6.80	Middle Devonian-Early Mississippian	Dmu		5.0	5.0	81ABE29B			Brosgé	Harris	
Wiseman D-3	67	58.20	151	14.30	Late Mississippian (late Meramecian-early Chesterian)	JCs	*Lisburne Group	4.0	4.5	84AKA1-2	29908-PC	O-86-37	Adams	Harris	Tinayguk River section.
Wiseman D-6	67	47.00	152	50.00	Middle Devonian	Dmu	Sillyasheen unit	5.0	5.0	81ABE163A	10627-SD		Brosgé	Harris	

TABLE A-1. Conodont data–Continued.

[Ages listed in this table have not been revised to reflect changes in stratigraphic terminology that have occurred since the ages given here were determined. For example, the former Llandeilo Series (Middle Ordovician) is now considered a stage of the Llanvirn Series and Ordovician and Silurian stages formerly designated as Caradocian, Ashgillian, Llandoverian, etc. are now called Caradoc, Ashgill, and Llandovery (Fortey and others, 1995). Geologic unit (source map) from cited reference (if published) or provided by collector; * in this column indicates unit determination made by Dumoulin based on lithology, location, and (or) age and nature of conodonts. * in remarks column indicates previously unpublished collection from localities published by Karl and others (1989b)]

QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Chandalar A-4	67	12.90	148	45.60	Silurian-Triassic	JDab		ND	ND	82JCHD22A		P&S-85-3A	Jones	Harris	
Chandalar B-6	67	26.40	149	37.90	Early Ordovician-Late Triassic	DPsc		5.0	5.0	89ATi2A		A-89-14	Till	Harris	
Chandalar C-5	67	39.50	149	23.70	middle Silurian-early Late Silurian	DOc	Mathews River unit	5.0	5.5	90AD2A	12069-SD	A-90-4B	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 34.
Chandalar C-5	67	39.50	149	23.70	middle-Late Silurian	DOc		5.0	5.5	90ANK023A	12070-SD	A-90-4B	Nokleberg	Harris	
Chandalar C-5	67	40.50	149	24.80	Middle-Late Ordovician	DOc		5.0	5.0	90AD5B	10829-CO	A-90-4B	Dumoulin	Harris	
Chandalar C-5	67	40.50	149	24.80	Middle-Late Ordovician	DOc		5.0	5.0	90AD5D	10830-CO	A-90-4B	Dumoulin	Harris	
Chandalar C-6	67	46.30	149	31.40	Middle-Late Ordovician	DOc	Mathews River unit	5.0	5.0	89AD25D	10723-CO	A-89-14	Dumoulin	Harris	
Chandalar C-6	67	42.30	149	32.00	late Early-early Middle Ordovician	OPc		5.0	5.0	89APR144	10726-CO	A-89-14	Plafker	Harris	
Chandalar C-6	67	44.70	149	34.00	Late Devonian	Dhf	Hunt Fork Shale	5.0	5.0	90TM514B	12079-SD	A-90-4B	Moore	Harris	
Chandalar C-6	67	36.50	149	34.80	Middle Ordovician-Middle Devonian	PzPm		5.0	5.0	89AD14A		A-89-14	Dumoulin	Harris	
Chandalar C-6	67	44.30	149	36.10	early Late Devonian (Frasnian)	Dmu	Beaucoup Formation	5.0	5.0	85TR62A	11264-SD	A-85-36A	Tailleur	Harris	Dillon and others (1987), Table 1, loc. 4; Dillon and others (1988), Table 1, loc. 7.
Chandalar C-6	67	44.30	149	36.10	Middle-Late Devonian	Dmu	Beaucoup Formation	5.0	5.0	85TR62B	11265-SD	A-85-36A	Tailleur	Harris	Dillon and others (1987), Table 1, loc. 4; Dillon and others (1988), Table 1, loc. 7.
Chandalar C-6	67	36.06	149	36.12	middle Silurian-Middle Devonian	PzPm		5.0	5.0	89AD11C	11961-SD	A-89-14	Dumoulin	Harris	
Chandalar C-6	67	43.90	149	38.10	early Middle Ordovician	OPc	Snowden Creek unit	5.0	5.0	89TM274B	10729-CO	A-89-14	Moore	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 30.
Chandalar C-6	67	33.90	149	41.20	Early-Late Ordovician	OPc	Snowden Creek unit	5.0	5.0	89AD20A	10722-CO	A-89-14	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 36.
Chandalar C-6	67	44.80	149	41.80	middle Middle Ordovician	OPc	Snowden Creek unit	5.0	5.0	89AD29Z	10724-CO	A-89-14	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 28.
Chandalar C-6	67	42.80	149	47.70	early-middle Middle Ordovician	OPc	Snowden Creek unit	5.0	5.0	90AD26B	10834-CO	A-90-4B	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 31.
Chandalar C-6	67	43.60	149	49.80	Middle-Late Devonian	Dhf	Beaucoup Formation	5.0	5.0	89APR147	11967-SD	A-89-14	Plafker	Harris	
Chandalar C-6	67	37.10	149	51.20	Early Ordovician-Late Triassic	PzpCqs		5.0	5.0	89AD18B		A-89-14	Dumoulin	Harris	
Chandalar C-6	67	44.70	149	54.30	late Middle-early Late Devonian	Dhf	Beaucoup Formation	5.0	5.0	89APR146	11966-SD	A-89-14	Plafker	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 27.
Chandalar C-6	67	40.40	149	58.00	late Middle-early Late Devonian	Dhf	Beaucoup Formation	5.0	5.0	89TM240B	11971-SD	A-89-14	Moore	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 33.
Chandalar C-6	67	44.80	149	58.60	Middle-Late Devonian	Dhf		5.5	5.5	82DN310		A-84-21	Dillon	Harris	
Chandalar D-2	67	51.00	147	51.10	Early Ordovician	Dhf		5.0	5.0	6249-149			AMOCO	Harris	Conodonts could be derived from clasts of older carbonate rock redeposited in conglomerate; Brosgé and Reiser (1964) mapped basal conglomerate with carbonate clasts at this locality.
Chandalar D-4	67	59.00	148	33.70	early Late Devonian (early to middle Frasnian)	Dl	Beaucoup Formation	5.0	5.0	90TM476A	12078-SD	A-90-4B	Moore	Harris	Dumoulin and Harris (1994), Appendix 1, p. 66.
Chandalar D-5	67	59.20	149	21.70	early Late Devonian (Frasnian)	Dmu	Nutirwik Creek unit	5.0	5.0	90TM453B	12076-SD	A-90-4B	Moore	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 5.
Chandalar D-5	67	57.90	149	23.50	late Middle-Late Devonian	Dmu		5.0	5.0	90TM452A	12075-SD	A-90-4B	Moore	Harris	
Chandalar D-5	67	56.10	149	24.00	Middle Ordovician-Middle Devonian	Dmu		5.0	5.0	90AD15A		A-90-4B	Dumoulin	Harris	
Chandalar D-5	67	49.20	149	26.20	late Middle-early Late Devonian	Dhf		5.0	5.0	90ALU45A	12072-SD	A-90-4B	Lull	Harris	
Chandalar D-6	67	59.00	149	30.60	Early Ordovician-Late Triassic	PzPm	Skajit Limestone	5.0	5.0	90TM468C		A-90-4B	Moore	Harris	
Chandalar D-6	67	54.80	149	31.40	late Early-early Middle Devonian (Emsian-Eifelian)	DOc	Devonian limestone unit	5.0	5.0	90ABD31	12064-SD	A-90-4B	Blodgett	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 6.
Chandalar D-6	67	54.80	149	31.40	Late Ordovician	DOc	Mathews River unit	5.0	5.0	90AD20G	10828-CO	A-90-4B	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 6.
Chandalar D-6	67	54.60	149	31.50	Late Ordovician-Middle Devonian	DOc	*Mathews River unit	5.5	5.5	84DN142A&B		O-87-12	Dillon	Harris	
Chandalar D-6	67	54.80	149	31.50	Late Ordovician-Late Silurian	DOc	Mathews River unit	5.0	5.0	90ABD33		A-90-4B	Blodgett	Harris	
Chandalar D-6	67	54.30	149	32.10	Middle Ordovician-Silurian	DOc	*Mathews River unit	5.0	5.0	84DN141		O-87-12	Dillon	Harris	
Chandalar D-6	67	50.80	149	32.10	Middle-Late Devonian	Dhf	Beaucoup Formation	5.0	5.0	89ATi71A	11969-SD	A-89-14	Till	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 15.
Chandalar D-6	67	53.40	149	32.70	Middle Ordovician-Middle Devonian	DOc	Mathews River unit	5.0	5.0	89ATi75A		A-89-14	Till	Harris	

TABLE A-1. Conodont data–Continued.

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QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Chandalar D-6	67	49.50	149	32.80	middle Middle Ordovician	OPc	Snowden Creek unit	5.0	5.0	90TM448	10851-CO	A-90-4B	Moore	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 19.
Chandalar D-6	67	49.10	149	34.80	latest Late Cambrian-Early Ordovician	OPc	Snowden Creek unit	5.0	5.5	89ATi68C		A-89-14	Till	Harris	Conodonts are likely redeposited, as seen in collections 90AD25A and B from this locality.
Chandalar D-6	67	49.10	149	34.80	very earliest Middle Ordovician (late Arenigian)	OPc	Snowden Creek unit	5.0	5.0	90AD25A	10826-CO	A-90-4A	Dumoulin /Moore	Harris /Repetski	Dumoulin and Harris (1994), Appendix 1, loc. 18. Contains redeposited conodonts of Late Cambrian and (or) Early Ordovician age.
Chandalar D-6	67	49.10	149	34.80	very earliest Middle Ordovician (late Arenigian)	OPc	Snowden Creek unit	5.0	5.0	90AD25B	10827-CO	A-90-4A	Dumoulin /Moore	Harris /Repetski	Dumoulin and Harris (1994), Appendix 1, loc. 18. Contains redeposited conodonts of Late Cambrian and (or) Early Ordovician age.
Chandalar D-6	67	52.20	149	35.30	late Middle-Late Ordovician	DOc	Mathews River unit	5.0	5.0	90AD21Y	10833-CO	A-90-4B	Dumoulin	Harris	
Chandalar D-6	67	52.20	149	35.30	Middle Ordovician-Middle Devonian	DOc	Mathews River unit	5.0	5.0	90AD22A		A-90-4B	Dumoulin	Harris	
Chandalar D-6	67	45.90	149	35.50	Early-Middle Ordovician	OPc	Om	5.0	5.0	7-30-84D	9912-CO	O-85-14A	Dillon	Harris	Dillon and others (1987), Table 1, loc. 5; Dillon and others (1988), Table 1, loc. 8.
Chandalar D-6	67	52.20	149	35.70	late Late Ordovician	DOc	Mathews River unit	5.0	5.0	90AD21AA	10831-CO	A-90-4B	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 12.
Chandalar D-6	67	52.20	149	35.70	early Late Devonian (Frasnian)	[Dmu]	Nutirwik Creek unit	5.0	5.0	90AD21E	12071-SD	A-90-4B	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 12. Conodonts are from a fault sliver of Nutirwik Creek unit (Devonian) too small to show on map.
Chandalar D-6	67	52.20	149	35.70	Middle-Late Ordovician	DOc	Mathews River unit	5.0	5.0	90AD21I	10832-CO	A-90-4B	Dumoulin	Harris	
Chandalar D-6	67	55.25	149	36.25	Middle Ordovician-Late Permian	P_2m	Skajit Limestone	5.0	5.0	89TM290A		A-89-14	Moore	Harris	
Chandalar D-6	67	49.50	149	36.40	Early-middle Silurian	DOc	Mathews River unit	5.0	5.0	89ATi74A	11970-SD	A-89-14	Till	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 17.
Chandalar D-6	67	50.70	149	38.40	Silurian-Permian	Dmu	Obpm*	5.0	5.5	84DN121		O-85-14	Dillon	Harris	Dillon and others (1988), Table 1, loc. 30. Conodont age is incompatible with unit age on source map.
Chandalar D-6	67	47.03	149	38.45	Middle-Late Ordovician	OPc		5.0	5.0	83DN338	9797-CO	O-84-26	Dillon	Harris	
Chandalar D-6	67	47.10	149	38.50	Middle Ordovician	OPc	Obpm	5.0	5.5	7-27-84I	9906-CO	O-85-14A	Dillon	Harris	Dillon and others (1987), Table 1, loc. 9; Dillon and others (1988), Table 1, loc. 13.
Chandalar D-6	67	49.50	149	38.90	Early-middle Silurian	DOc	Mathews River unit	5.0	5.0	89AD36E	11963-SD	A-89-14	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 16.
Chandalar D-6	67	49.50	149	39.00	Early Silurian-Early Devonian	DOc	Mathews River unit	5.0	5.0	89AD36A	11962-SD	A-89-14	Dumoulin	Harris	
Chandalar D-6	67	49.50	149	39.30	Early-Middle Ordovician	[OPc]	Om (D87), Dsk (D88)*	5.0	5.5	84DN251	9904-CO	O-85-14	Dillon	Harris	Dillon and others (1987), Table 1, loc. 13; Dillon and others (1988), Table 1, loc. 26. Sample is from an outcrop of OPc too small to show on map.
Chandalar D-6	67	46.60	149	40.30	Middle-Late Devonian	Dhf		5.0	5.0	89ATi39A	11968-SD	A-89-14	Till	Harris	
Chandalar D-6	67	52.60	149	41.40	late Middle-Late Ordovician	DOc	Mathews River unit	5.0	5.0	89AD41A	10725-CO	A-89-14	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 10.
Chandalar D-6	67	47.61	149	41.54	Silurian-Mississippian	P_2m	Skajit Limestone (D88), Pzs (D&H94)	5.5	5.5	84DN249		O-85-14	Dillon	Harris	Dillon and others, 1988, Table 1, loc. 16; Dumoulin and Harris (1994), Appendix 1, loc. 23.
Chandalar D-6	67	52.60	149	41.50	Late Ordovician	DOc	Mathews River unit (D&H94)	5.5	5.5	84DNS109A	10582-CO	O-87-12	Dillon	Harris	Dillon and others (1988), Table 1, loc. 38; Dumoulin and Harris (1994), Appendix 1, loc. 9.
Chandalar D-6	67	47.20	149	41.60	Ordovician-Devonian	Dhf	Beaucoup Formation	5.0	5.0	84DN250		O-85-14	Dillon	Harris	Dillon and others (1988), Table 1, loc. 15.
Chandalar D-6	67	52.80	149	41.60	late Late Ordovician-Early Silurian	DOc	Mathews River unit	5.0	5.5	89AD42A	11964-SD	A-89-14	Dumoulin	Harris	
Chandalar D-6	67	52.10	149	41.70	Middle-Late Ordovician	OPc	Om	5.5	5.5	84DN127	9903-CO	O-85-14	Dillon	Harris	Dillon and others (1987), Table 1, loc. 16; Dillon and others (1988), Table 1, loc. 39.
Chandalar D-6	67	51.50	149	41.70	Middle Ordovician	OPc	Obpm	5.5	5.5	84DNS106	9902-CO	O-85-14	Dillon	Harris	Dillon and others (1987), Table 1, loc. 15; Dillon and others (1988), Table 1, loc. 41.

TABLE A-1. Conodont data–Continued.

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QUADRANGLE	LAT DEG	LAT MIN	LONG DEG	LONG MIN	AGE	GEOLOGIC UNIT (THIS MAP)	GEOLOGIC UNIT (SOURCE MAP)	CAI MIN	CAI MAX	FIELD NO	USGS NO	E&R NO	COLLECTOR	ID	REMARKS
Chandalar D-6	67	52.60	149	42.30	Middle Ordovician-Middle Devonian	DOc	Mathews River unit	5.0	5.5	89AD40F		A-89-14	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 11.
Chandalar D-6	67	52.77	149	42.34	Middle Ordovician-Middle Devonian	DOc	Mathews River unit	5.0	5.0	89AD39E		A-89-14	Dumoulin	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 8.
Chandalar D-6	67	48.20	149	42.40	Late Cambrian-Late Permian	Dmu		ND	ND	89TM285A		A-89-14	Moore	Harris	
Chandalar D-6	67	52.60	149	42.50	early Late Ordovician	DOc	Mathews River unit (D&H94)	5.5	5.5	84DNS110	10583-CO	O-87-12	Dillon	Harris	Dillon and others (1988), Table 1, loc. 37; Dumoulin and Harris (1994), Appendix 1, loc. 8.
Chandalar D-6	67	57.96	149	43.75	Givetian-Frasnian	Dhf	Beaucoup Formation	5.0	5.0	90ABD29A	12062-SD	A-90-4B	Blodgett	Harris	
Chandalar D-6	67	57.96	149	43.75	Givetian-Frasnian	Dhf	Beaucoup Formation	5.0	5.0	90ABD29B	12063-SD	A-90-4B	Blodgett	Harris	
Chandalar D-6	67	48.00	149	43.90	Ordovician-Triassic	P_zm	Skajit Limestone (D87, 88), Pzs (D&H94)	6.0	6.0	7-27-84C		O-85-14A	Dillon	Harris	Dillon and others, 1987, Table 1, loc. 11; Dillon and others, 1988, Table 1, loc. 20; Dumoulin and Harris (1994), Appendix 1, loc. 21.
Chandalar D-6	67	46.90	149	44.30	Middle Ordovician	OPc	Snowden Creek unit (D&H94)	5.0	5.0	7-30-84A	9911-CO	O-85-14A	Dillon	Harris	Dillon and others, 1987, Table 1, loc. 10; Dillon and others, 1988, Table 1, loc. 17; Dumoulin and Harris (1994), Appendix 1, loc. 22.
Chandalar D-6	67	51.30	149	46.50	early Late Ordovician	DOc	Mathews River unit	5.0	5.0	89APR170	10727-CO	A-89-14	Plafker	Harris	Dumoulin and Harris (1994), Appendix 1, loc. 13.
Chandalar D-6	67	48.80	149	46.80	Middle Ordovician-Middle Devonian	Dmu	Skajit Limestone	5.5	6.0	84DN153	11080-SD	O-85-14	Dillon	Harris	Dillon and others (1988), Table 1, loc. 31.
Chandalar D-6	67	51.10	149	49.20	Middle Ordovician-Middle Devonian	[P_zm]		5.0	5.0	89AD43B		A-89-14	Dumoulin	Harris	Sample is from an outcrop of Pzm too small to show on map.
Chandalar D-6	67	51.10	149	49.20	Middle Ordovician-Middle Devonian	[P_zm]		5.0	5.0	90ABD28		A-90-4B	Blodgett	Harris	Sample is from an outcrop of Pzm too small to show on map.
Chandalar D-6	67	45.60	149	51.70	Middle-Late Devonian	Dhf	Beaucoup Formation	5.0	5.5	84DN190	11082-SD	O-85-14	Dillon	Harris	Dillon and others, 1987, Table 1, loc. 3; Dillon and others, 1988, Table 1, loc. 6; Dumoulin and Harris (1994), Appendix 1, loc. 26.
Chandalar D-6	67	45.90	149	52.50	Middle-Late Devonian	Dhf	Df	5.0	5.5	84DN187	11081-SD	O-85-14	Dillon	Harris	Dillon and others (1987), Table 1, loc. 2; Dillon and others (1988), Table 1, loc. 5.
Chandalar D-6	67	53.10	149	55.40	Middle Devonian-Early Mississippian	Dhf		5.0	5.0	85TR64A		A-85-36C	Tailleur	Harris	
Chandalar D-6	67	53.10	149	55.40	Middle-Late Devonian	Dhf		5.5	5.5	85TR64B	11424-SD	A-85-36C	Tailleur	Harris	
Chandalar D-6	67	55.70	149	57.00	Early-Middle Ordovician	[OPc]	Om, or Hunt Fork Shale	5.0	5.5	83MU84-4	9849-CO	A-84-48	Mull	Harris	Dillon and others (1987), Table 1, loc. 25; Dillon and others (1988), Table 1, loc. 57. Entry 7352 in Alaska Paleontological Database. Sample may be from an outcrop of OPc too small to show on map.

TABLE A-1. Conodont data–Continued.

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Christian D-6	67	55.00	146	33.00	Late Ordovician	[Pzm]	*Skajit? Limestone	5.0	5.0	6249-92			AMOCO	Harris	May be slightly mislocated; probably from nearby Pzm.
Christian D-6	67	50.00	146	55.00	Late Devonian-Mississippian	[Dhf]	Hunt Fork Shale	3.0	3.0	6249-93			AMOCO	Harris	May be slightly mislocated; probably from nearby Dhf.