

Supplement Item S8 - Igneous bedrock ages reported from the Wrangell Arc, Alaska and Canada

Latitude (N degree)	Longitude (W degree)	Preferred age (Ma)	Sample name	Rock type	Geochron. Method	Phase Dated	Reference
61.60	-144.20	0.05	66AYeC1A	Andesite	K/Ar	Plagioclase	Yehle, L.A. and Nichols, D.R., 1980, U.S.G.S. Misc. Field Studies Map MF-1209.
63.68	-138.70	0.05	UA 582	Volcanic	Fission Track	Whole Rock (Glass)	Naeser et al., 1982, Canadian Journal of Earth Sciences, v. 19, p. 2167-2178.
62.92	-137.37	0.08	VNCH-98-08a	Volcanic	Ar/Ar	Whole Rock	Joyce et al., 2015, Geological Survey of Canada Open File 7924.
61.98	-144.21	0.08	79C9F 1	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
67.47	-139.90	0.12	UT 1	Volcanic	Fission Track	Whole Rock (Glass)	Naeser et al., 1982, Canadian Journal of Earth Sciences, v. 19, p. 2167-2178.
64.02	-139.40	0.13	UT1637	Volcanic	Fission Track	Whole Rock (Glass)	Sandhu et al., 2001, Yukon Exploration and Geology 2000, Exploration and Geological Services Division, p. 247-256.
60.15	-129.68	0.23	581	Volcanic	K/Ar	Whole Rock	Klassen, R.W., 1987, Geological Survey of Canada, Paper 86-17.
62.06	-144.65	0.24	74ALe 10	Dacite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.06	-144.66	0.24	744ALe52	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.85	-144.62	0.27	79C9C 1	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.18	-144.65	0.27	74ALe 5	Dacite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.07	-144.58	0.30	74ALe 54	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.04	-144.60	0.30	74ALe 12	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.07	-144.74	0.30	74ALe 61	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.02	-144.60	0.31	74ALe 3	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.83	-137.70	0.31	JJC990007	Volcanic	Ar/Ar	Whole Rock	Huscroft et al., 2004, Canadian Journal of Earth Sciences, v. 41, p. 141-164.
62.17	-143.93	0.32	73ARh87	Basalt	K/Ar	Whole rock	Richter, D.H., et al., 1993, Geologic Map of the Nabesna B-6 Quadrangle, South-central Alaska, U.S.G.S. Map GQ-1688
62.32	-143.92	0.32	73ARh87	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.02	-144.60	0.32	74ALe 50	Dacite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.12	-144.53	0.34	74ALe 51	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.06	-144.51	0.35	74ALe 15	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.16	-144.52	0.36	74ALe 6	Dacite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.12	-144.75	0.37	74ALe 56	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.98	-144.31	0.42	79C9E 29	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.15	-144.65	0.42	74ALe 8	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.78	-144.69	0.43	79C9D 2	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.06	-144.59	0.44	74ALe 57	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.04	-144.64	0.46	74ALe 53	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.07	-144.61	0.47	74ALe 60	Rhyolite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.12	-144.56	0.48	74ALe 58	Rhyolite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.13	-143.82	0.50	76m15	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.09	-144.23	0.51	87AWs 8	Andesite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.09	-144.65	0.52	74ALe 24	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.08	-144.54	0.53	74ALe 17	Rhyolite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.09	-144.60	0.53	74ALe 55	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.32	-143.96	0.53	74ALe29	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
60.23	-129.10	0.55	2381	Volcanic	K/Ar	Whole Rock	Klassen, R.W., 1987, Geological Survey of Canada, Paper 86-17.
62.90	-137.41	0.56	VNCH-98-10	Volcanic	Ar/Ar	Whole Rock	Joyce et al., 2015, Geological Survey of Canada Open File 7924.
62.09	-144.53	0.56	74ALe 4	Rhyolite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.12	-143.89	0.60	78m19	Andesite	K/Ar	Plagioclase	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.09	-143.90	0.60	78m4	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.04	-144.40	0.60	87AWs 7	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
60.08	-128.90	0.60	2481	Volcanic	K/Ar	Whole Rock	Klassen, R.W., 1987, Geological Survey of Canada, Paper 86-17.
62.30	-144.11	0.62	74ALe 26	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.12	-144.56	0.67	74ALe 58	Rhyolite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.08	-144.49	0.67	87AWs 4	Dacite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.12	-144.53	0.69	74ALe 51	Dacite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.97	-144.30	0.69	79CHE 3	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.14	-144.60	0.73	74ALe 9	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.19	-144.19	0.73	74ALe 65	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.09	-143.90	0.75	79cnf8a	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.09	-143.90	0.75	79cnf8b	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
60.07	-128.82	0.77	481	Volcanic	K/Ar	Whole Rock	Klassen, R.W., 1987, Geological Survey of Canada, Paper 86-17.
62.19	-144.19	0.78	74ALe 63	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.16	-144.22	0.78	87AWs 3	Andesite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.04	-144.69	0.81	74ALe 21	Other	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.02	-144.28	0.84	87AWs 5	Dacite	K/Ar	Hornblende	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.82	-137.45	0.84	UT 81	Volcanic	Fission Track	Whole Rock (Glass)	Naeser et al., 1982, Canadian Journal of Earth Sciences, v. 19, p. 2167-2178.
62.19	-144.19	0.85	74ALe 64	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.19	-144.19	0.86	74ALe 62	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.78	-137.40	0.86	UT 82	Volcanic	Fission Track	Whole Rock (Glass)	Naeser et al., 1982, Canadian Journal of Earth Sciences, v. 19, p. 2167-2178.
62.19	-144.26	0.89	87AWs 2	Andesite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.04	-144.69	0.90	74ALe 21	Other	K/Ar	Hornblende	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.05	-143.22	0.91	73ARh99	Andesite	K/Ar	Whole rock	Richter and Smith, 1976; Richter and others, 1990
62.90	-137.42	0.91	SE VM-2	Volcanic	K/Ar	Whole Rock	Souther, J.G. and Armstrong, R.L. 1974. Unpublished data.
62.82	-137.45	0.94	UT 81	Volcanic	Fission Track	Zircon	Naeser et al., 1982, Canadian Journal of Earth Sciences, v. 19, 2167-2178.
62.16	-143.90	0.96	74ALe27	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.35	-143.55	0.97	81ASJ86N	Basalt	K/Ar	Whole rock	Richter and others, 1984, 1990, 1993
61.96	-144.20	0.98	74C9F 2	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.78	-137.40	1.01	UT 82	Volcanic	Fission Track	Whole Rock (Glass)	Westgate, J.A. 1989. Earth and Planetary Science Letters 95 226-234.
62.46	-144.13	1.02	BCM-6	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.43	-144.12	1.03	BCM-4	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.44	-144.14	1.04	BCM-5	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.93	-137.37	1.07	SE VM-3	Volcanic	K/Ar	Whole Rock	Souther, J.G. and Armstrong, R.L. 1974. unpublished data.
62.82	-137.45	1.08	Above UT 81	Volcanic	K/Ar	Whole Rock	Naeser et al., 1982, Canadian Journal of Earth Sciences, v. 19, 2167-2178.
62.40	-144.03	1.09	73ARh105	Rhyolite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.78	-137.40	1.19	UT 82	Volcanic	Fission Track	Whole Rock (Glass)	Westgate, J.A., 1989, Earth and Planetary Science Letters, v. 95, p. 226-234.
63.97	-139.32	1.22	UT 19	Volcanic	Fission Track	Whole Rock (Glass)	Nelson et al., 2009, Canadian Journal of Earth Sciences, v. 46, p. 381-401.
62.01	-144.54	1.23	74ALe 66	Rhyolite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.81	-137.45	1.28	010789-R1	Volcanic	K/Ar	Whole Rock	Jackson et al., 1996, Canadian Journal of Earth Sciences, v. 33, p. 904-916.
62.79	-137.40	1.33	YR97	Volcanic	Ar/Ar	Whole Rock	Nelson et al., 2009, Canadian Journal of Earth Sciences, v. 46, p. 381-401.
62.05	-144.36	1.35	87AWs 6	Dacite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.81	-137.45	1.35	UB82-683p	Volcanic	K/Ar	Whole Rock	Westgate, J.A., 1989, Earth and Planetary Science Letters, v. 95, p. 226-234.
62.78	-137.40	1.35	UB82-683	Volcanic	K/Ar	Whole Rock	Westgate, J.A., 1989, Earth and Planetary Science Letters, v. 95, p. 226-234.
62.79	-137.41	1.37	VNCH-12	Volcanic	Ar/Ar	Whole Rock	Nelson et al., 2009, Canadian Journal of Earth Sciences, v. 46, p. 381-401.
62.06	-143.48	1.38	72ARh310	Dacite	K/Ar	Plagioclase	Richter, D.H., and Smith, R.G., 1976, Geologic map of the Nabesna A-5 quadrangle, U.S.G.S. map GQ-1062.
63.97	-139.32	1.42	UT 19	Volcanic	Fission Track	Whole Rock (Glass)	Sandhu et al., 2001, Yukon Exploration and Geology 2000, Yukon, Indian and Northern Affairs Canada 0 247 256.
62.05	-142.18	1.43	SB-57	Lava	40Ar/39Ar	Whole rock	This study
62.78	-137.40	1.43	UT 82	Volcanic	Fission Track	Whole Rock (Glass)	Westgate, J.A., 1989, Earth and Planetary Science Letters, v. 95, p. 226-234.
61.86	-144.87	1.44	79KJ 34	Andesite	K/Ar	Whole rock	Connor, C.L., 1984, PhD dissertation, University of Montana.
62.79	-137.40	1.47	UB82-783a	Volcanic	K/Ar	Whole Rock	Westgate, J.A., 1989, Earth and Planetary Science Letters, v. 95, p. 226-234.
62.81	-137.98	1.48	JJC990014	Volcanic	Ar/Ar	Whole Rock	Huscroft, C.A., 2002, M.Sc. thesis, Simon Fraser University.
62.05	-142.20	1.49	SB-64	Lava	40Ar/39Ar	Whole rock	This study
62.18	-143.43	1.50	73ARh56	Andesite	K/Ar	Plagioclase	Richter, D.H., and Smith, R.G., 1976, Geologic map of the Nabesna A-5 quadrangle, U.S.G.S. map GQ-1062.
62.78	-137.40	1.54	UT 82	Volcanic	Fission Track	Whole Rock (Glass)	Westgate, J.A. 1989. Earth and Planetary Science Letters 95 226-234.
61.97	-144.30	1.58	79C9E 1	Andesite	K/Ar	Whole rock	Nye, C., 1983, PhD dissertation, U.C. Santa Cruz; Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.77	-141.81	1.60	8	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
62.78	-137.40	1.60	UB82-983a	Volcanic	K/Ar	Whole Rock	Westgate, J.A., 1989, Earth and Planetary Science Letters, v. 95, p. 226-234.
62.05	-142.19	1.61	SB-62	Lava	40Ar/39Ar	Whole rock	This study
62.34	-143.56	1.63	81ASJ77BN	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.05	-142.19	1.65	SB-63	Lava	40Ar/39Ar	Whole rock	This study
62.01	-143.28	1.67	72ARh307a	Dacite	K/Ar	Plagioclase	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.36	-143.73	1.74	81ASJ72	Andesite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.05	-142.19	1.82	SB-58	Lava	40Ar/39Ar	Whole rock	This study
62.79	-137.41	1.82	VNCH-13	Volcanic	Ar/Ar	Whole Rock	Nelson et al., 2009, Canadian Journal of Earth Sciences, v. 46, p. 381-401.
62.05	-142.24	1.85	53LA	Rhyolite lava or tuff	40Ar/39Ar	Whole rock	This study
62.05	-142.19	1.90	SB-61	Lava	40Ar/39Ar	Whole rock	This study
60.46	-135.43	1.90	93CH-24-2	Volcanic	K/Ar	Whole Rock	Hart, C.J.R., and Villeneuve, M., 1999, Canadian Journal of Earth Sciences, v. 36, p. 1495-1507.
62.05	-142.19	1.93	SB-60	Lava	40Ar/39Ar	Whole rock	This study

62.34	-143.56	1.99	81ASJ77BF	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.05	-142.21	1.99	SB-65	Lava	40Ar/39Ar	Whole rock	This study
62.05	-142.19	2.01	SB-59	Lava	40Ar/39Ar	Whole rock	This study
62.59	-143.45	2.02	69ARh311	Andesite	K/Ar	Whole rock	Richter and Schmoll, 1973; Richter and others, 1990
62.74	-137.28	2.08	260689-R5	Volcanic	K/Ar	Whole Rock	Jackson et al., 1996, Canadian Journal of Earth Sciences, v. 33, p. 904-916.
62.05	-142.24	2.09	51LA-RHYOLITE	Rhyolite	40Ar/39Ar	Whole rock	This study
62.05	-142.24	2.15	52LA	Rhyolite	40Ar/39Ar	Whole rock	This study
62.33	-143.76	2.21	81ASJ85	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.76	-137.29	2.36	290689-R2	Volcanic	K/Ar	Whole Rock	Jackson et al., 1996, Canadian Journal of Earth Sciences 33 904 916.
62.05	-142.24	2.40	51LA-BASALT	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
60.55	-135.53	2.40	SEIM-1	Volcanic	K/Ar	Whole Rock	Hart, C.J.R. and Villeneuve, M. 1999. Canadian Journal of Earth Sciences 36 1495 1507.
61.86	-144.87	2.50	79KJ 34	Andesite	K/Ar	Plagioclase	Connor, 1984; Richter and others, 1990
62.05	-142.23	2.61	50LA	Lava	40Ar/39Ar	Whole rock	This study
64.13	-139.25	2.64	K-91-6-29C	Volcanic	Ar/Ar	Hornblende	Kunk, M.J. 1995. U.S. Geological Survey Open-File Report 95-217A 0 52 0.
61.78	-141.79	2.80	6	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
62.48	-143.01	2.84	71PCL41	Andesite	K/Ar	Whole rock	Lowe and others, 1983, Geologic map of the Nabesna B-5 quadrangle, U.S.G.S. Map GQ-1566.
62.04	-143.05	2.93	73ARh111	Rhyolite	K/Ar	Plagioclase	Richter, D.H., and Smith, R.G., 1976, Geologic map of the Nabesna A-5 quadrangle, U.S.G.S. map GQ-1062.
63.81	-139.07	3.00	UT1001	Volcanic	Fission Track	Whole Rock (Glass)	Sandhu et al. 2001. Yukon Exploration and Geology 2000, Indian and Northern Affairs Canada 0 247 256.
62.42	-143.15	3.02	71PCL242	Dacite	40Ar/39Ar	Plagioclase	Lowe and others, 1983, Geologic map of the Nabesna B-5 quadrangle, U.S.G.S. Map GQ-1566.
64.39	-140.65	3.05	MLB-89-362	Volcanic	K/Ar	Whole Rock	Hunt, P.A. and Roddick, J.C., 1992, Geological Survey of Canada, Paper 91-2, p. 207-261.
60.46	-135.43	3.12	93CH-24-2	Volcanic	Ar/Ar	Whole Rock	Hart, C.J.R., and Villeneuve, M., 1999, Canadian Journal of Earth Sciences, v. 36, p. 1495-1507.
62.30	-143.05	3.16	81ASJ45	Basalt	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.76	-137.29	3.21	YR99	Volcanic	Ar/Ar	Whole Rock	Nelson et al., 2009, Canadian Journal of Earth Sciences, v. 46, p. 381-401.
62.30	-143.05	3.23	81ASJ45	Basalt	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
60.44	-135.44	3.30	96CH-AL1	Volcanic	Ar/Ar	Whole Rock	Hart, C.J.R., and Villeneuve, M., 1999, Canadian Journal of Earth Sciences, v. 36, p. 1495-1507.
61.65	-143.55	3.41	81ASJ11	Granodiorite	K/Ar	Hornblende	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.31	-143.27	3.46	SB-66	Lava	40Ar/39Ar	Whole rock	This study
61.65	-143.55	3.48	81ASJ11	Granodiorite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.78	-141.83	3.80	7	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
61.63	-143.66	3.84	70AMk 61C	Dacite	K/Ar	Hornblende	Berry et al., 1976, U.S.G.S. Circular 727.
62.75	-137.27	3.92	300689-R2	Volcanic	K/Ar	Whole Rock	Hunt, P.A., and Roddick, J.C., 1992, Geological Survey of Canada, Paper 92-2, p. 179-226.
61.58	-143.38	4.07	81ASJ37	Granodiorite	K/Ar	Hornblende	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.58	-143.38	4.21	81ASJ37	Granodiorite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.58	-143.38	4.48	81ASJ37	Granodiorite	K/Ar	Biotite	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.97	-142.91	4.51	SB15-08	Lava	40Ar/39Ar	Whole rock	This study
61.97	-142.90	4.59	SB15-09	Lava	40Ar/39Ar	Whole rock	This study
61.97	-142.90	4.72	SB15-10	Lava	40Ar/39Ar	Whole rock	This study
61.97	-142.90	4.87	SB15-11	Lava	40Ar/39Ar	Whole rock	This study
61.96	-142.90	4.94	SB15-12	Lava	40Ar/39Ar	Whole rock	This study
62.01	-142.90	5.15	SB15-14	Lava	40Ar/39Ar	Whole rock	This study
61.97	-142.91	5.17	SB15-06	Lava	40Ar/39Ar	Whole rock	This study
62.20	-143.02	5.22	81ASJ44	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.62	-142.84	5.26	MGA-2	Lava	40/39 Isochron	Plagioclase	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.61	-142.54	5.30	NZM-67	Lava	40/39 Isochron	Plagioclase	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.77	-141.79	5.36	MB16-15	Lava?	40Ar/39Ar	Whole rock	This study
61.98	-142.90	5.49	SB15-05	Lava	40Ar/39Ar	Whole rock	This study
62.02	-142.89	5.59	O2LA	Porphyry	40Ar/39Ar	Whole rock	This study
61.98	-142.90	5.62	SB15-04	Lava	40Ar/39Ar	Whole rock	This study
62.00	-142.90	5.65	SB-01	Lava	40Ar/39Ar	Whole rock	This study
62.02	-142.89	5.70	O1LA	Basalt dike	40Ar/39Ar	Whole rock	This study
62.00	-142.90	5.74	SB-02	Lava	40Ar/39Ar	Whole rock	This study
61.42	-142.80	5.90	74AMS13	Dacite	K/Ar	Chlorite	Silberman and MacKevett, written communication, 1977
61.44	-140.50	6.40	WN-124-74	Plutonic	K/Ar	Whole Rock	Stevens et al. 1982, Geological Survey of Canada, Paper 82-2. 0 1 56.
61.49	-142.83	6.69	74AMS17	Rhyolite	K/Ar	Sanidine	MacKevett, 1976; Silberman and others, 1976; Richter and others, 1990
60.58	-134.96	7.10	94CH-1-1	Volcanic	K/Ar	Whole Rock	Hart, C.J.R. and Villeneuve, M. 1999. Canadian Journal of Earth Sciences 36 1495 1507.
62.00	-142.91	7.16	SB15-03	Lava	40Ar/39Ar	Whole rock	This study
62.48	-143.10	7.17	12LA	Basalt flow	40Ar/39Ar	Whole rock	This study
61.97	-142.91	7.55	SB15-07	Lava	40Ar/39Ar	Whole rock	This study
61.62	-142.75	8.24	PL-335	Lava	40/39 Plateau	Groundmass	Trop et al., 2012, Geosphere, v. 8, p. 805-834.
61.73	-142.49	8.34	CHM-38	Lava	40/39 Plateau	Plagioclase	Trop et al., 2012, Geosphere, v. 8, p. 805-834.
61.10	-140.22	8.40	100-Cac-77-1	Plutonic	K/Ar	Biotite	Dodds, C.J. and Campbell, R.B., 1988, Geological Survey of Canada Paper 87-16.
61.10	-140.22	8.40	100-Cac-77-1	Plutonic	K/Ar	Hornblende	Dodds, C.J. and Campbell, R.B., 1988, Geological Survey of Canada Paper 87-16.
60.70	-135.04	8.40	TMH-2	Volcanic	Ar/Ar	Whole Rock	Hart, C.J.R. and Villeneuve, M., 1999, Canadian Journal of Earth Sciences, v. 36, p. 1495-1507.
61.77	-141.80	8.60	5	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
61.37	-142.05	8.60	BB17	Granodiorite	K/Ar	Biotite	MacKevett, E., 1970, U.S.G.S. Bulletin 1333, p. 1-31.
61.37	-142.05	8.60	BB17	Granodiorite	K/Ar	Hornblende	MacKevett, E., 1970, U.S.G.S. Bulletin 1333, p. 1-31.
61.77	-141.79	8.70	MB16-18	Lava?	40Ar/39Ar	Whole rock	This study
60.70	-135.03	8.70	94CH-1-3	Volcanic	K/Ar	Whole Rock	Hart, C.J.R. and Villeneuve, M., 1999, Canadian Journal of Earth Sciences, v. 36, p. 1495 1507.
61.65	-142.70	8.72	BK1-654	Lava	40/39 Plateau	Groundmass	Trop et al., 2012, Geosphere, v. 8, p. 805-834.
61.78	-141.83	8.80	3	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
60.64	-135.03	8.80	Y88-20	Volcanic	K/Ar	Whole Rock	Hart, C.J.R. and Villeneuve, M. 1999. Canadian Journal of Earth Sciences 36 1495 1507.
61.46	-141.15	8.82	122LA	Lava?	40Ar/39Ar	Whole rock	This study
61.58	-142.24	8.87	81ASJ36	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
60.70	-135.04	8.90	TMH-2	Volcanic	K/Ar	Whole Rock	Hart, C.J.R. and Villeneuve, M. 1999. Canadian Journal of Earth Sciences 36 1495 1507.
61.58	-142.24	8.98	81ASJ36	Dacite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.14	-140.23	9.20	32-Cac-74-1	Plutonic	K/Ar	Biotite	Dodds, C.J. and Campbell, R.B., 1988, Geological Survey of Canada Paper 87-16.
61.49	-141.23	9.33	123LA-B	Lava?	40Ar/39Ar	Whole rock	This study
61.42	-142.80	9.40	74AMS14	Dacite	K/Ar	Plagioclase	Silberman and others, 1977; Richter and others, 1990; Trop and others, 2012
62.07	-142.96	9.44	81ASJ43	Dacite	K/Ar	Hornblende	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.69	-142.16	9.45	FDN-8	Lava	40/39 Isochron	Plagioclase	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.71	-142.52	9.62	CHM-4	Lava	40/39 Isochron	Plagioclase	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.72	-142.48	9.64	CHM-39	Lava	40/39 Plateau	Plagioclase	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
62.00	-141.81	9.70	0629160 (MB16-2)	Lava	40Ar/39Ar	Whole rock	Brueseke and others, 2019, Terra Nova, v. 31, p. 59-66.
61.61	-142.11	9.74	SKO-28A	Lava	40/39 Isochron	Plagioclase	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.65	-142.01	9.82	81ASJ12	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.65	-142.01	9.83	81ASJ12	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.30	-140.12	9.90	SE-36-57-74	Volcanic	K/Ar	Whole Rock	Souther, J.G. and Armstrong, R.L. 1974. Unpublished data.
61.69	-142.16	9.93	FDN-3	Lava	40/39 Plateau	Groundmass	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.49	-141.23	10.00	123LA-A	Lava	40Ar/39Ar	Whole rock	Brueseke and others, 2019, Terra Nova, v. 31, p. 59-66.
61.78	-141.83	10.00	4	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
61.62	-142.02	10.02	SKO-3	Lava	40/39 Plateau	Groundmass	Trop et al., 2012, Geosphere, v. 8, p. 805-834.
61.47	-141.04	10.20	108LA	Lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.78	-141.84	10.20	2	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
61.94	-141.84	10.40	82LA	Lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.78	-141.83	10.40	1	Andesite	K/Ar	Whole rock	Denton and Armstrong, 1969, American Journal of Science, v. 267, p. 1121-1142.
61.40	-140.34	10.47	TS-186-85	Volcanic	Ar/Ar	Whole Rock	Skulski et al., 1992, Canadian Journal of Earth Sciences, v. 29, p. 446-461.
61.99	-141.82	10.80	70LA	Lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
60.67	-138.09	10.80	WN-128-74	Volcanic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2, p. 1-56.
61.60	-144.81	10.81	84ANK 148d	Blueschist	K/Ar	Whole rock	Plafker et al., 1989, Journal of Geophysical Research, v. 94, p. 4255-4295
61.52	-142.39	10.95	57-6877	Lava	40/39 Plateau	Groundmass	Trop et al., 2012, Geosphere, v., 8, p. 805-834.
61.42	-140.36	11.08	TS-155-85	Volcanic	Ar/Ar	Whole Rock	Skulski et al., 1992, Canadian Journal of Earth Sciences, v. 29, p. 446-461.
61.57	-142.34	11.10	DBT-207	Tuff	SHRIMP	Zircon	Trop et al., 2012, Geosphere, v. 8, p. 805-834.
61.69	-142.17	11.20	FDN-109	Tuff	SHRIMP	Zircon	Trop et al., 2012, Geosphere, v. 8, p. 805-834.
61.34	-139.95	11.40	SE-25-46-73	Volcanic	K/Ar	Whole Rock	Souther, J.G. and Armstrong, R.L. 1974. Unpublished data.
61.47	-141.18	12.60	117LA	Lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.35	-140.27	13.09	TS-153-86	Volcanic	Ar/Ar	Whole Rock	Skulski et al., 1992, Canadian Journal of Earth Sciences, v. 29, p. 446-461.
60.67	-138.09	13.10	WN-128-74	Volcanic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2.
61.20	-138.92	13.30	38-MD-1	Plutonic	K/Ar	Biotite	Downey et al., 1980, Current Research, Part B, Geological Survey of Canada, Paper 80-18, p. 189-193.
60.59	-138.21	13.50	WN-130-74	Volcanic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2.
61.42	-139.86	13.60	WN-122-74	Plutonic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2.
61.29	-140.12	13.60	SE-3609-74	Volcanic	K/Ar	Whole Rock	Souther, J.G. and Armstrong, R.L. 1974. Unpublished data.
62.30	-143.05	13.90	WAIT1	Basalt	K/Ar	Whole rock	Deininger, J.W., 1972, MS thesis, University of Alaska.
61.20	-139.02	14.60	WN-125-74	Plutonic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2.

61.42	-142.80	15.20	74AMS14	Dacite	K/Ar	Hornblende	Silberman et al., 1977, U.S.G.S. Circular 75, B56-B58.
61.28	-139.56	15.45	09-RC-151	Plutonic	U/Pb	Zircon	Yukon Geological Survey Geochronological Database
61.20	-139.18	15.50	WN-126-74	Plutonic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2.
61.29	-139.55	15.90	08-RC-106-2	Plutonic	U/Pb	Zircon	Yukon Geological Survey Geochronological Database
61.47	-140.49	16.11	TS-235-86	Volcanic	Ar/Ar	Whole Rock	Skulski et al., 1992, Canadian Journal of Earth Sciences, v. 29, p. 446-461.
61.20	-139.18	16.30	WN-127-74	Plutonic	K/Ar	Whole Rock	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2.
61.20	-138.92	16.31	05-AT-106-1	Plutonic	U/Pb	Zircon	Yukon Geological Survey Geochronological Database
61.43	-139.91	16.31	TS-192-85	Volcanic	Ar/Ar	Whole Rock	Skulski et al., 1992, Canadian Journal of Earth Sciences, v. 29, p. 446-461.
62.27	-142.86	16.84	Bond Fine (HO)	Porphyry	40Ar/39Ar	Hornblende	This study
64.05	-140.74	17.20	M-263	Volcanic	K/Ar	Whole Rock	Hunt, P.A., and Roddick, J.C., 1991, Geological Survey of Canada, Paper 90-2, p. 113-143.
61.32	-139.93	17.30	SE-240-5A-73	Volcanic	K/Ar	Whole Rock	Souther, J.G. and Armstrong, R.L., 1974, unpublished data.
61.76	-141.83	17.88	MB16-13	Lava?	40Ar/39Ar	Whole rock	This study
61.42	-139.90	17.92	TS-12-85	Volcanic	Ar/Ar	Whole Rock	Skulski et al. 1992, Canadian Journal of Earth Sciences, v. 29, p. 446-461.
62.21	-141.20	18.00	71PCL163	Pegmatite	40/39	Biotite	Richter, 1976, U.S.G.S. Misc. Investigations Series Map 1-932.
62.27	-142.86	18.02	Bond Fine (WR)	Porphyry	40Ar/39Ar	Whole rock	This study
61.89	-141.27	18.50	SB-28	Vitrophyre	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.82	-141.34	18.60	81ASJ30	Basalt	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.23	-142.97	18.94	05LA	Porphyry	40Ar/39Ar	Whole rock	This study
62.27	-142.86	19.00	Bond Course (WR)	Porphyry	40Ar/39Ar	Whole rock	This study
61.81	-141.26	19.10	SB-55	Diorite	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.82	-141.34	19.10	81ASJ30	Basalt	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
62.27	-142.90	19.17	Short (WR)	Porphyry	40Ar/39Ar	Whole rock	This study
61.81	-141.26	19.20	SB-54	Andesite flow	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.85	-141.23	19.30	SB-40	Tuff	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
62.27	-142.90	19.59	Short (HO)	Porphyry	40Ar/39Ar	Hornblende	This study
61.88	-140.99	19.60	37LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.91	-141.25	19.70	SB15-18		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.85	-141.23	19.70	SB-41	Dacite flow	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.81	-141.33	19.70	SB-52	Andesite flow	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
64.38	-140.50	19.74	M-1077	Volcanic	Ar/Ar	Whole Rock	Mortensen, J.K. and Roddick, J.C., 1990, Geological Survey of Canada, Paper 89-2, p. 17-22.
62.27	-142.90	19.78	Short (PLAG)	Porphyry	40Ar/39Ar	Plagioclase	This study
64.38	-140.50	19.90	M-1077	Volcanic	K/Ar	Whole Rock	Hunt, P.A., and Roddick, J.C., 1991, Geological Survey of Canada, Paper 90-2, p. 113-143.
61.93	-141.25	20.00	81ASJ20	Andesite	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.20	-139.18	20.00	WN-126-74	Plutonic	K/Ar	Biotite	Stevens et al., 1982, Geological Survey of Canada, Paper 82-2, p. 1-56.
61.81	-141.33	20.20	SB-51	Andesite flow	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.86	-141.14	20.30	SB-45	Rhyodacite plug	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.89	-141.27	20.70	SB-27	Vitrophyre	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
62.27	-142.86	20.74	Bond Course (HO)	Porphyry	40Ar/39Ar	Hornblende	This study
62.24	-142.67	21.20	EF-17	Trondhjemite	K/Ar	Chlorite	Silberman et al., 1977, U.S.G.S. Circular 75, B56-B58.
61.86	-141.07	21.30	46LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.89	-141.27	21.30	SB-29	Andesite lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.81	-141.33	21.30	SB-53	Andesite flow?	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.91	-141.26	21.30	SB-17	Andesite lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
62.20	-142.72	21.30	BC-26	Granodiorite	K/Ar	Muscovite	Silberman et al., 1977, U.S.G.S. Circular 75, B56-B58.
61.89	-141.02	21.40	49LA	Dacite lava?	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.89	-141.02	21.40	MB-18	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.86	-141.14	21.45	SB-45 (BI)	Lava	40Ar/39Ar	Biotite	This study
61.90	-141.26	21.50	SB-25	Andesite lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.89	-141.27	21.70	SB-30	Andesite lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.89	-141.27	21.70	SB-31	Andesite lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.87	-141.13	21.70	SB-48	Andesite flow	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.89	-141.27	22.00	SB-32	Basaltic andesite flow	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.88	-141.06	22.10	43LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.91	-141.25	22.10	SB15-20		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.90	-141.26	22.10	SB-24	Lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.24	-142.68	22.10	EF-7	Granodiorite	K/Ar	Muscovite	Silberman et al., 1977, U.S.G.S. Circular 75, B56-B58.
61.87	-141.12	22.20	SB-47	Diorite	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.24	-142.68	22.20	EF-2	Granodiorite	K/Ar	Biotite	Silberman et al., 1977, U.S.G.S. Circular 75, B56-B58.
61.88	-141.03	22.30	32LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.88	-141.03	22.40	32LA(PLAG)	Lava?	40Ar/39Ar	Plagioclase	This study
61.91	-141.26	22.50	SB-23	Lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.91	-141.05	22.60	20LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.86	-141.13	22.60	SB-46	Andesite flow?	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.11	-142.47	22.62	09LA	Porphyry	40Ar/39Ar	Whole rock	This study
62.24	-142.59	22.70	33TOT	Porphyry	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.87	-141.02	22.90	27LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.81	-141.23	22.90	SB-56	Diorite	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.86	-141.14	23.00	SB-43	Rhyo-dacite flow	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.64	-144.62	23.05	84ANK 152a	Blueschist	K/Ar	Whole rock	Blafker et al., 1989, Journal of Geophysical Research, v. 94, p. 4255-4295
61.87	-141.03	23.18	28LA	Porphyry	40Ar/39Ar	Whole rock	This study
61.87	-141.03	23.20	28LA (PLAG)		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.87	-141.03	23.20	39LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.88	-140.99	23.26	38LA	Rhyolite flow	40Ar/39Ar	Whole rock	This study
61.88	-140.99	23.30	38LA (BI)		40Ar/39Ar	Biotite	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.91	-141.25	23.30	SB15-19		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.93	-141.26	23.30	84ARh70	Dacite	K/Ar	Hornblende	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.88	-141.03	23.40	31LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.85	-141.07	23.40	45LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.88	-141.05	23.50	41LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.55	-133.63	23.50	TJ889-32-5	Plutonic	K/Ar	Whole Rock	Bremner, T., 1991, Yukon Geology 1990, Yukon, Indian and Northern Affairs Canada , p. 60-64.
61.90	-141.14	23.70	SB-36	Dike	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.90	-141.14	23.90	SB-34	Rhyolite lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.22	-142.51	24.00	31TOT	Porphyry	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.89	-141.02	24.10	15LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.24	-142.53	24.10	32TOT	Porphyry	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.99	-141.81	24.41	67LA (BI)	Lava?	40Ar/39Ar	Biotite	This study
61.87	-141.03	24.50	30LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.86	-141.21	24.60	SB-39	Andesite lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.22	-142.52	24.70	20TOT	Porphyry	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.90	-141.02	24.80	16LA		40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
62.11	-142.47	24.82	09LA (HO)	Porphyry	40Ar/39Ar	Hornblende	This study
62.22	-142.52	24.90	17TOT	Porphyry	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.81	-141.33	25.30	SB-50	Andesite dike	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.86	-141.14	25.60	SB-44	Tuff	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.90	-141.02	25.90	17LA	Dacite lava?	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.87	-141.04	26.00	40LA	Basalt lava	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.88	-141.03	26.00	33LA	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.88	-141.00	26.20	26LA	Basalt Lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.79	-140.88	26.27	10-SI-054-1	Plutonic	U/Pb	Zircon	
61.89	-141.04	26.30	85ARA47A	Basalt	K/Ar	Whole rock	Richter et al., 1990, Bulletin of Volcanology, v. 53, p. 29-44.
61.37	-139.31	26.50	PC1	Plutonic	K/Ar	Biotite	Christopher et al., 1972, Canadian Journal of Earth Sciences, v. 9, p. 918-921.
61.38	-139.44	26.50	PC4	Plutonic	K/Ar	Biotite	Christopher et al., 1972, Canadian Journal of Earth Sciences, v. 9, p. 918-921.
61.89	-141.02	26.58	34LA	Rhyolite	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.38	-139.43	26.70	PC3	Plutonic	K/Ar	Biotite	Christopher et al., 1972, Canadian Journal of Earth Sciences, v. 9, p. 918-921.
61.38	-139.44	26.70	CKD-1	Plutonic	K/Ar	Biotite	Christopher, P.A., 1973, Canadian Journal of Earth Sciences, v. 10, p. 846-851.
61.37	-139.43	26.90	W145	Plutonic	K/Ar	Biotite	Farrar et al., 1988, Isochron/west, v. 51, p. 19-23.
61.86	-141.06	27.00	47LA	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.86	-141.06	27.00	MB-15	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
60.71	-140.51	27.10	5066	Plutonic	Fission Track	Zircon	Parrish, R.R., 1981, EOS Transactions of the American Geophysical Union 62 60 0.
61.88	-141.05	27.20	42LA	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.88	-141.05	27.20	Eucre	??? Porphyry	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.37	-139.30	27.20	PC2	Plutonic	K/Ar	Biotite	Christopher et al., 1972, Canadian Journal of Earth Sciences, v. 9, p. 918-921.
61.37	-139.31	27.20	04-SIS-159	Plutonic	U/Pb	Zircon	Yukon Geological Survey Geochronological Database

61.99	-141.81	27.40	67LA	Lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.91	-141.05	27.50	20LATUFF	Tuff	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.89	-141.02	27.50	35LA	Basalt lava	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
61.91	-141.05	27.86	20LATUFF (BI)	Dacite tuff	40Ar/39Ar	Biotite	This study
61.89	-141.14	28.00	SB-37	Basalt plug	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
61.03	-138.77	28.40	289-CAd-74-1	Volcanic	K/Ar	Biotite	Dodds, C.J. and Campbell, R.B., 1988, Geological Survey of Canada Paper 87-16 .
61.89	-141.15	29.00	SB-33	Dacite porphyry	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
62.01	-142.32	29.22	55LA(HO)	Porphyry	40Ar/39Ar	Hornblende	This study
62.13	-142.35	29.70	10LA	Felsic Dike	40Ar/39Ar	Whole rock	Brueseke et al., 2019, Terra Nova, v. 31, p. 59-66.
60.62	-140.72	29.90	3290	Plutonic	Fission Track	Zircon	O'Sullivan, P.B. and Currie, L.D., 1996, Earth and Planetary Science Letters, v. 144, p. 251-261.
61.90	-141.09	30.30	Minivolcano	Volcanic	40Ar/39Ar	Whole rock	Berkelhammer et al., 2019, Geosphere, v. 15, p. 1508-1538.
60.63	-140.66	30.70	5645	Plutonic	Fission Track	Zircon	Parrish, R.R., 1981, Unpublished,
60.58	-140.43	33.10	5880	Plutonic	Fission Track	Zircon	Parrish, R.R., 1981, EOS Transactions of the American Geophysical Union, 62 60 O.

Note:

Richter et al. (1990) recalculated ages reported prior to 1990 using updated standards; the updated age is reported here along with the original reference