TABLE 4. PALEOMAGNETIC MEASUREMENTS OF VOLCANIC ROCKS WITHIN THE CONFINES OF THE BORING VOLCANIC FIELD, OREGON AND WASHINGTON, USA

Chron	Event	Unit name or volcanic center	Unit age (ka)	Paleomagnetic samples			Ar sample	Inc (°)	Dec (°)	N/N$_o$	R	k	α_{95}	VGP		Polarity	Age (ka)	Expected polarity
				ID	Latitude NAD83	Longitude NAD83								Latitude	Longitude			
Brunhes		Basaltic andesite of Beacon Rock	58 ± 6*	T3374	45.62640	−122.01970		72.0	27.3	9/9	8.9597	198	3.7	69.7	284.2	N		
				—	—	—	QV98-17 Run 1	—	—	—	—	—	—	—	—	N	56 ± 6	
				—	—	—	QV98-17 Run 2	—	—	—	—	—	—	—	—	N	84 ± 5	
				—	—	—	QV01-35B	—	—	—	—	—	—	—	—	N	58 ± 6	
		Basalt of Trout Creek Hill	94 ± 9	BL8097	45.75478	−122.83220	QV11-327	53.6	314.4	8/8	7.9482	135	4.8	53.7	145.9	N	94 ± 9	
		Basalt of Barnes Road	106 ± 6	T2287	45.51255	−122.78637	QV01-44	48.9	357.7	8/8	7.9808	365	2.9	74.2	64.6	N	106 ± 6	
				4T064	45.49375	−122.77808	—	38.8	333.3	7/8	6.9195	75	7.0	57.9	108.9	N	—	
		Basalt of Battle Ground	108 ± 16	T8065	45.82920	−122.52155	QV97-02	70.3	0.4	8/8	7.9658	205	3.9	81.5	238.9	N	129 ± 8	
				—	—	—	H98Y-33	—	—	—	—	—	—	—	—	N	96 ± 6	
		Basaltic andesite of Canyon Creek	116 ± 9	T5049	45.59511	−122.19312	05BV-G450	44.4	2.5	8/8	7.9880	584	2.3	70.4	51.1	N	116 ± 9	
		Basaltic andesite of Elk Point	122 ± 8				Tri-Met 781+84			Polarity information from Walsh et al. (2011)						N	122 ± 8	
				T2319	45.50620	−122.75328	—	45.5	354.5	8/8	7.9381	113	5.2	71.0	72.4	N		
		Basalt of Texas Creek	127 ± 6	T3004	45.66917	−122.19527	—	32.1	1.4	8/8	7.8882	63	7.1	61.7	55.0	N	—	
				T3012	45.66800	−122.19437	—	47.1	29.2	8/8	7.9673	214	3.8	61.1	354.8	N	—	
				—	—	—	QV01-41	—	—	—	—	—	—	—	—	N	109 ± 7	
				—	—	—	QV01-42	—	—	—	—	—	—	—	—	N	136 ± 5	
				—	—	—	03BV-G123	—	—	—	—	—	—	—	—	N	128 ± 4	
		Basaltic andesite of Rocky Butte	≤133	T0260	45.53950	−122.56347	QV99-18 Run 1	59.1	1.8	7/8	6.9971	2047	1.3	84.2	43.8	N	≤133 ± 25	
				T0260	45.53950	−122.56347	QV99-18 Run 2	—	—	—	—	—	—	—	—	N	≤132 ± 57	
		Basaltic andesite of Vogel Creek	134 ± 7	—	—	—	04BV-G204	—	—	—	—	—	—	—	—	N	134 ± 7	
				T0276	45.63568	−122.21387	—	48.0	5.1	9/9	8.9644	225	3.4	72.9	42.4	N		
		Basaltic andesite of Aschoff Buttes	213 ± 4	T6169	45.41607	−121.98534	S91-H213	66.1	354.9	8/8	7.9730	260	3.4	85.4	190.9	N	213 ± 4	
				T6161	45.39957	−122.02237	—	60.1	349.5	8/8	7.9899	693	2.1	81.2	121.8	N		
		Basaltic andesite of Elevator Shaft	242 ± 5	BL1011	45.57850	−122.10395	08BV-G1084	41.7	330.5	1/1	1.0000	na	na	57.9	115.7	N	242 ± 5	
		Andesite of Multnomah Basin	244 ± 4	—	—	—	06BV-G555	—	—	—	—	—	—	—	—	N	244 ± 4	
				BL8017	45.56775	−122.09228	—	45.4	355.3	8/8	7.9881	588	2.3	70.9	70.8	N		
		Basaltic andesite of North Fork Rock Creek	244 ± 4	T7074	45.75863	−122.00984	03LM-K26A	75.7	358.6	8/8	7.9814	376	2.9	72.8	235.9	N	244 ± 4	
				T7066	45.75869	−122.01049	—	76.8	350.8	8/8	7.9509	143	4.7	70.2	226.4	N	—	
				T7058	45.76809	−122.02254	—	74.9	18.6	8/8	7.9796	342	3.0	70.8	265.5	N	—	
		Basaltic andesite of Hard Scramble Creek	268 ± 12	T3020	45.66953	−122.12520	QV01-40	61.5	290.9	8/8	7.9706	238	3.6	41.9	170.4	N	280 ± 5	
				T3052	45.65593	−122.13570	02BV-G32	80.6	355.8	8/8	7.8830	60	7.2	61.6	222.2	N	260 ± 6	
				T3044	45.66109	−122.12719	—	71.5	303.6	8/8	7.8841	60	7.2	54.0	185.8	N	—	
				T5033	45.66937	−122.13872	04BV-G194A	77.9	308.8	7/8	6.9872	470	2.8	56.1	204.2	N	220 ± 13	
		Andesite of McCloskey Creek	270 ± 11	T0285	45.63057	−122.13798	QV97-12	67.9	307.4	7/8	6.9764	254	3.8	55.4	176.2	N	270 ± 11	
		Basaltic andesite of Boyles Creek	280 ± 4	T3028	45.66358	−122.16030	QV01-43	84.6	102.8	8/8	7.9811	370	2.9	42.4	252.0	N	286 ± 10	
				4T056	45.65207	−122.16010	02BV-G23	79.0	310.7	8/8	7.9396	116	5.2	56.3	208.2	N	278 ± 5	
				T5017	45.64583	−122.14993	—	80.7	308.0	7/8	6.9127	69	7.3	54.5	212.9	N	—	
				T5025	45.66498	−122.14882	—	77.6	306.8	8/8	7.9728	258	3.5	55.4	203.3	N	—	
				T5041	45.64948	−122.14365	—	76.1	307.5	8/8	7.9672	214	3.8	56.1	198.8	N	—	
		Basalt of Carver	337 ± 3	—	—	—	QV04-257	—	—	—	—	—	—	—	—	N	337 ± 3	
				BL8073	45.39722	−122.49577	—	60.4	5.1	7/8	6.9802	303	3.5	84.5	13.2	N	—	
		Basalt of Powell Butte	342 ± 5	T2271	45.48988	−122.51613	QV02-49	50.4	10.0	8/8	7.9731	260	3.4	73.7	25.5	N	342 ± 5	
		Basalt of Little Beacon Rock	498 ± 7	—	—	—	QV01-36	—	—	—	—	—	—	—	—	N	498 ± 7	
				T3383	45.63361	−122.02183	—	54.7	353.6	8/8	7.9061	75	6.5	78.5	85.4	N	—	
				T6319	45.64670	−122.03120	—	64.9	12.6	8/8	7.9653	202	3.9	81.2	315.5	N	—	
		Andesite of Latourelle Prairie	607 ± 28	T5294	45.49482	−122.05312	RC03-130	56.1	335.5	8/8	7.9415	120	5.1	69.6	130.9	N	607 ± 28	
		Basaltic andesite of Mount Pleasant	612 ± 21*	T8089	45.56620	−122.21872	QV97-08A	40.2	10.3	9/9	8.9142	93	5.4	65.9	34.1	N	543 ± 13	
				—	—	—	03BV-154	—	—	—	—	—	—	—	—	N	619 ± 4	
		Basaltic andesite of Green Mountain	627 ± 8	T8073	45.65483	−122.46772	QV97-03	58.4	349.1	8/8	7.9815	377	2.9	79.6	112.0	N	627 ± 8	
				—	—	—	QV97-03	—	—	—	—	—	—	—	—	N	≤658 ± 9	
Brunhes		Basaltic andesite of Mowich Butte	632 ± 4	BL1004	45.77708	−122.04250	06LM-K68	40.1	335.7	1/1	1.0000	na	na	59.8	106.8	N	632 ± 4	
		Basaltic andesite of Dougan Creek	639 ± 10	4T025	45.68007	−122.13822	02BV-G42B	72.8	9.0	7/7	6.9293	85	6.6	76.4	258.3	N	639 ± 10	
		Basaltic andesite east of North Fork Bull Run River	657 ± 8	BL8129	45.50347	−122.02320	—	53.0	335.9	8/8	7.9866	522	2.4	68.0	123.5	N	—	
				T5302	45.50376	−122.01145	RC05-65	65.5	352.2	8/8	7.9796	343	3.0	84.2	173.0	N	657 ± 8	
		Basaltic andesite of Rodlun Road	670 ± 17	T3080	45.46300	−122.45030	RC02-131	41.9	14.1	4/8	3.9895	286	5.5	65.8	24.7	N	670 ± 17	
				A3001	45.46900	−122.41900	—	39.7	6.8	12/12	11. 9877	897	1.5	66.4	41.7	N	—	
		Basalt of Borges Road	671 ± 52	T3072	45.45403	−122.46305	RC02-128	74.0	13.1	8/8	7.9917	847	1.9	73.4	260.6	N	671 ± 52	
		Basaltic andesite of Hardscrabble quarry	673 ± 21	A3013	45.38978	−122.45602	QV03-142	39.3	12.6	12/12	11.9756	451	2.1	64.7	29.4	N	673 ± 21	
		Andesite of Mount Norway	693 ± 9	—	—	—	02CM-T25	—	—	—	—	—	—	—	—	N	693 ± 9	
				T6231	45.60612	−122.25223	—	38.1	2.6	8/8	7.9193	87	6.0	65.9	51.8	N	—	
		Basaltic andesite of Prune Hill	≤740	T0268	45.58628	−122.48092	99CM-T03	49.2	22.8	7/8	6.9699	199	4.3	66.4	0.6	N	≤740 ± 11	

		Basaltic andesite of Palmer Peak	761 ± 7	BL8113	45.54838	−122.01772	03BV-G152	64.4	3.6	8/8	7.9888	628	2.2	87.4	311.7	N	763 ± 5	
				—	—	—	07BV-G997	—	—	—	—	—	—	—	—	N	770 ± 5	
				—	—	—	09BV-G1318	—	—	—	—	—	—	—	—	N	746 ± 6	
				T5278	45.55767	−122.02328	—	70.3	15.3	8/8	7.9692	227	3.7	76.8	280.5	N	—	
		Basaltic andesite of Damascus	770 ± 50	A3025	45.41178	−122.48623	RC02-134	39.8	8.3	12/12	11.9810	578	1.8	66.2	38.3	N	770 ± 50	
		Basalt of Bobs Mountain	770 ± 10	T6119	45.65765	−122.19605	QV00-25B	63.9	340.0	8/8	7.9598	174	4.2	76.1	154.7	N	770 ± 10	
		Basaltic andesite of Winston Road	≤828	A3061	45.43448	−122.46865	QV02-56	78.6	4.1	11/12	10.9705	339	2.5	67.3	241.5	N	≤828 ± 10	
		Basaltic andesite of Lookout Point	773 ± 5	T5153	45.49375	−122.13793	QV03-167	55.0	195.5	8/8	7.9524	147	4.6	7.8	45.2	T	784 ± 22	
				BL9001	45.46212	−122.12987	RC03-122	62.3	179.5	9/9	8.9272	110	4.9	0.9	58.2	T	772 ± 5	
																		781
		Basaltic andesite of Mount Talbert	869 ± 6	4T104	45.42167	−122.55867	QV02-66B	−51.0	189.4	8/8	7.9952	1451	1.5	74.4	26.2	R	869 ± 6	
		Basaltic andesite of Duncan Creek	874 ± 16	—	—	—	02BV-G90B	—	—	—	—	—	—	—	—	R	821 ± 24	
				4T040	45.65117	−122.09190	—	−66.4	174.9	8/8	7.9801	352	3.0	85.3	192.7	R	—	
				—	—	—	02BV-G116A	—	—	—	—	—	—	—	—	R	879 ± 7	
		Basalt of Tote Road	929 ± 7	4T032	45.63533	−122.17635	QV97-15	−37.5	167.3	8/8	7.9653	202	3.9	63.2	85.0	R	929 ± 7	
		Basaltic andesite of Yeon Mountain	945 ± 5	BL9026	45.58488	−122.02623	07BV-G1036	−64.2	169.2	8/8	7.9623	186	4.1	82.5	154.8	R	945 ± 5	**R**
		Basaltic andesite of Devils Rest	961 ± 14	BL8041	45.56373	−122.15192	05BV-G378	−54.5	153.3	8/8	7.7729	31	11.8	67.2	129.7	R	978 ± 14	
				—	—	—	09BV-G1252	—	—	—	—	—	—	—	—	R	950 ± 11	
		Basalt of Kaiser Road	973 ± 6	T2295	45.55938	−122.83238	QV01-34	−71.7	273.7	7/8	6.9922	769	2.2	34.8	260.7	R	973 ± 6	
																		988
	Jaramillo	Basaltic andesite of Kelly Butte	968 ± 8	4T256	45.49920	−122.56333	QV02-48B	65.8	306.9	8/8	7.9882	593	2.3	54.3	171.2	N	968 ± 8	
		Basaltic andesite of Wildboy Creek	≤1024	T6225	45.65785	−122.20112	05BV-G328C	54.9	0.7	4/8	3.8920	28	17.7	79.8	54.6	N	≤1024 ± 61	
				T5073	45.65765	−122.19838	—	43.4	11.0	6/8	5.9770	218	4.6	67.8	30.6	N	—	
		Basaltic andesite of Burnside Road	1027 ± 8	4T088	45.51892	−122.72322	QV03-106	68.0	320.3	6/8	5.9834	300	3.9	63.4	173.9	N	1027 ± 8	
		Basalt of Sunset Hill	1047 ± 19	—	—	—	Tri-Met 802+53			Polarity information from Walsh et al. (2011)						N	1047 ± 19	
		Basalt of Upper Horsetail Creek	1062 ± 6	BL1007	45.58500	−122.04987	07BV-G885	40.5	79.7	1/1	1.0000	na	na	23.3	318.1	N	1062 ± 6	
		Basaltic andesite of Three Corner Rock	1065 ± 6	4T048	45.73237	−122.04950	02BV-G10A	46.8	19.9	7/8	6.7788	27	11.8	66.3	9.6	N	1065 ± 6	
		Basaltic andesite of Woodward Creek	1068 ± 8	—	—	—	05BV-G345	—	—	—	—	—	—	—	—	N	1068 ± 8	
				T6217	45.68325	−122.05423	—	48.5	28.1	8/8	7.9785	326	3.1	62.7	354.6	N	—	
																		1072
		Basalt of Mount Sylvania	1141 ± 3	—	—	—	QV03-140	—	—	—	—	—	—	—	—	R	1137 ± 5	
				4T192	45.46742	−122.73247	QV03-111	−64.4	164.7	8/8	7.9729	258	3.5	79.3	156.8	R	1145 ± 5	
				4T001	45.41325	−122.72458	QV03-134	−82.6	149.5	8/8	7.9607	178	4.2	57.3	223.7	R	1141 ± 6	
				4T017	45.44783	−122.72892	—	−65.5	159.4	7/8	6.9811	318	3.4	75.7	163.3	R	—	
				4T096	45.43825	−122.69133	—	−58.9	152.2	8/8	7.9561	159	4.4	68.8	141.4	R	—	
		Basaltic andesite of Bonney Slope	1142 ± 14	—	—	—	QV03-129	—	—	—	—	—	—	—	—	R	1142 ± 14	**R**
				4T080	45.52653	−122.79958	—	−45.7	189.3	8/8	7.9910	776	2.0	70.1	32.1	R	—	
				4T072	45.49788	−122.75588	—	−44.7	191.3	7/8	6.9561	137	5.2	68.8	28.2	R	—	
		Basaltic andesite of Fletcher Flat	1155 ± 18	T3036	45.62987	−122.13410	QV01-38	−55.3	178.5	8/8	7.9603	176	4.2	80.1	65.0	R	1161 ± 26	
				—	—	—	04BV-G310	—	—	—	—	—	—	—	—	R	1150 ± 24	
		Basalt of Chamberlain Hill	1159 ± 14	T5105	45.52715	−122.33872	03CM-T250	−57.9	182.7	8/8	7.9812	373	2.9	82.7	40.8	R	1159 ± 14	
		Basalt of Cornell Mountain	1190 ± 21	—	—	—	Tri-Met 804+46			Polarity information from Walsh et al. (2011)						R	1190 ± 21	
		Basaltic andesite of Hunsinger	1207 ± 6	T2231	45.34625	−122.53055	QV02-59	−56.2	168.7	7/8	6.9734	226	4.0	77.9	73.8	R	1218 ± 10	
				T3088	45.36695	−122.52338	—	−75.9	171.8	8/8	7.8127	37	9.2	71.5	225.8	R	—	
				4T128	45.33962	−122.53640	QV03-154	−45.7	163.4	4/8	3.9937	477	4.2	67.5	99.2	R	1204 ± 5	
		Basaltic andesite of Bear Prairie	1220 ± 8	T8081	45.62813	−122.22443	QV97-05A	−58.5	180.9	8/8	7.9891	643	2.2	83.6	51.5	R	1220 ± 8	
				T0293	45.61653	−122.30115	—	−67.7	195.3	7/8	6.9853	408	3.0	78.6	295.7	R	—	
		Basaltic andesite of Outlook	1222 ± 10	A3049	45.39108	−122.49932	QV02-53	−56.1	161.6	12/12	11.9883	940	1.4	73.7	121.7	R	1222 ± 10	
		Basaltic andesite of Holcomb Creek	1278 ± 24	4T200	45.36825	−122.54288	QV04-221	−60.4	154.2	8/8	7.9351	108	5.4	70.9	144.5	R	1278 ± 24	
		Basalt of Pepper Mountain	1281 ± 9	4T152	45.52335	−122.18273	03BV-G135	−60.8	201.7	6/7	5.9637	138	5.7	73.9	333.4	R	1281 ± 9	
		Basaltic andesite of Broughton Bluff	1292 ± 19	T2279	45.53982	−122.37568	QV01-47	−54.6	193.0	8/8	7.9847	459	2.6	75.6	115.1	R	1292 ± 19	**R**
		Basalt of S Fork Gordon Creek	1381 ± 8	T5145	45.50155	−122.14167	03BV-G177A	−52.9	186.3	7/8	6.9898	588	2.5	77.0	33.7	R	1381 ± 8	
		Basaltic andesite of Trout Creek	1413 ± 21	T5184	45.44830	−122.16795	—	−65.7	193.0	8/8	7.9300	100	5.6	80.8	307.9	R	—	
				—	—	—	QV05-293	—	—	—	—	—	—	—	—	R	1413 ± 21	
				T5169	45.47690	−122.26923	—	−62.5	166.0	6/8	5.9836	306	3.8	79.9	144.5	R	—	
				T3280	45.48848	−122.31010	—	−59.4	189.9	8/8	7.9888	623	2.2	81.0	0.3	R	—	
		Basaltic andesite of Gordon Creek	1455 ± 10	T5129	45.50302	−122.17793	03BV-G176A	−57.1	175.6	8/8	7.9892	648	2.2	81.5	82.3	R	1455 ± 10	
		Basaltic andesite of Franklin Ridge	1500 ± 13	BL1012	45.57112	−122.07728	08BV-G1177	19.8	179.5	1/1	1.0000	na	na	34.2	58.5	E	1500 ± 13	
		Basaltic andesite east of Angels Rest	1503 ± 8	—	—	—	08BV-G1103	—	—	—	—	—	—	—	—	R	1503 ± 8	
				BL8049	45.56732	−122.14252	—	−47.8	184.7	8/8	7.9771	306	3.2	72.9	43.7	R	—	
		Andesite of Larch Mountain	1504 ± 8	T5270	—	—	03BV-G125	—	—	—	—	—	—	—	—	R	1498 ± 10	
				—	—	—	03BV-G186	—	—	—	—	—	—	—	—	R	1513 ± 17	

Olduvai			T5121	45.55387	–122.12427	04BV-G216	–47.1	190.3	7/8	6.9826	345	3.2	70.9	29.1	R	1523 ± 23		
			4T159	45.53732	–122.11537	—	–49.3	181.7	7/8	6.9759	249	3.8	74.5	52.4	R	—		
	Basalt of Mount Scott	1574 ± 14	T3256	45.41113	–122.54305	QV03-143	–53.2	184.1	8/8	7.9638	193	4.0	77.9	41.0	R	1157 ± 40		
			T3060	45.45562	–122.56605	QV02-71	–49.9	199.9	7/8	6.9925	804	2.1	68.6	4.3	R	1574 ± 14		
			T3068	45.45562	–122.56605	—	–58.4	194.8	4/4	3.9735	113	8.7	77.4	352.5	R	—		
			4T240	45.44025	–122.56797	—	–54.2	177.4	8/8	7.9951	1418	1.5	79.1	68.7	R	—		
			4T248	45.46888	–122.55993	—	–43.2	165.9	7/8	6.9830	353	3.2	66.8	91.5	R	—		
			T2255	45.41275	–122.52422	—	–54.7	205.7	8/8	7.9962	1844	1.3	68.1	193.9	R	—		
			4T112	45.44317	–122.54905	—	–57.8	170.8	8/8	7.9658	205	3.9	80.2	104.9	R	—		
	Basalt of Sycamore	1622 ± 43	T2263	45.47697	–122.50722	QV02-50	–71.8	173.6	8/8	7.9929	979	1.8	78.1	220.2	R	1622 ± 43		
			T3264	45.42742	–122.49277	—	–57.3	192.6	8/8	7.9424	122	5.1	78.0	1.6	R	—		
	Basaltic andesite east of Larch Mountain	1674 ± 5	BL8105	45.53522	–122.02672	07BV-G810	–54.1	207.7	8/8	7.8118	37	9.2	66.3	345.7	R	1672 ± 5		
			BL9018	45.52447	–122.04292	08BV-G1185	–55.8	195.4	8/8	7.9510	143	4.7	75.2	1.0	R	1687 ± 12		
	Basaltic andesite of Bell Creek	1683 ± 13	T6279	45.54211	–122.02963	RC05-72	–63.7	196.5	8/8	7.9850	466	2.6	78.4	323.1	R	1683 ± 13		
	Basaltic Andesite of North Fork Bull Run River	1691 ± 8	BL9010	45.53690	–122.01217	07BV-G1000D	–57.8	211.8	8/8	7.9573	164	4.3	65.5	333.5	R	1691 ± 8		
																	1778	
	Basalt of Tumalt Creek	1896 ± 5	BL1005	45.58653	–122.06148	07BVG881B	76.6	330.4	1/1	1.0000	na	na	65.0	207.7	N	1899 ± 6		
			—	—	—	07BVG961A	—	—	—	—	—	—	—	—	N	1891 ± 8		
	Basalt of Horsetail Creek	1898 ± 15	BL1008	45.57942	–122.00028	09BV-G1319	75.2	324.7	1/1	1.0000	na	na	63.9	200.1	N	1898 ± 15		
	Basaltic andesite of Oneonta Creek	1927 ± 4	—	—	—	07BV-G871	—	—	—	—	—	—	—	—	N	1927 ± 4		
			BL8001	45.56325	–122.09387	—	53.5	0.6	5/8	4.9944	708	2.9	78.5	55.4	N	—		
	Basalt of Deer Creek	1952 ± 12	BL1010	45.52225	–122.03177	RC08-57	51.8	12.4	1/1	1.0000	na	na	73.8	17.5	N	1952 ± 12		
																	1945	
	Low-potassium tholeiite	1964 ± 10	—	—	—	CLRV-1	—	—	—	—	—	—	—	—	R	1964 ± 10		
			T5208	45.17912	–122.15208		–73.0	166.8	5/8	4.9676	123	6.9	74.4	211.6	R	—		
	Basalt of North Fork Gordon Creek	2221 ± 32	4T167	45.52977	–122.15297	03BV-G146	–61.6	172.3	7/8	6.9618	157	4.8	83.8	123.8	R	2221 ± 32		
			T5137	45.50142	–122.13893	—	–58.6	174.0	8/8	7.9938	1129	1.7	82.4	95.6	R	—		
	Basalt of Bridal Veil Creek	2277 ± 9	4T136	45.54118	–122.17337	03BV-G130	–61.4	181.4	8/8	7.9495	139	4.7	86.4	41.3	R	2308 ± 14		R
			—	—	—	03CM-T253A**	—	—	—	—	—	—	—	—	R	2284 ± 16		
			T7146	45.54543	–122.14182	04BV-G215	–55.2	189.9	7/8	6.9839	374	3.1	77.7	17.1	R	2270 ± 6		
			4T272	45.51882	–122.25687	—	–64.0	174.6	8/8	7.9317	102	5.5	86.2	153.0	R	—		
Matuyama	Basaltic andesite of Multnomah Basin Road	2284 ± 12	BL8033	45.56562	–122.09945	07BV-G825	–62.7	177.7	8/8	7.9680	219	3.8	87.8	106.5	R	2279 ± 4		
			—	—	—	07BV-G835	—	—	—	—	—	—	—	—	R	2311 ± 9		
	Basaltic andesite of Fischers Mill	2431 ± 20	4T232	45.31117	–122.47582	RC02-343	–62.8	182.4	7/8	6.9571	140	5.1	87.9	1.1	R	2431 ± 20		
			T6009	45.32217	–122.46547	—	–57.4	184.7	8/8	7.9470	132	4.8	81.9	30.3	R	—		
			T3161	45.33983	–122.43963	—	–38.2	198.5	7/8	6.9563	137	5.2	61.7	19.0	R	—		
	Basaltic andesite of Root Creek	2514 ± 14	—	—	—	QV03-210B	—	—	—	—	—	—	—	—	R	2514 ± 14		
			T2223	45.27245	–122.50463	—	–53.0	184.4	8/8	7.9613	181	4.1	77.8	140.1	R	—		
	Low-potassium tholeiite	2559 ± 47	T6185	45.46178	–122.04728	RC05-30	–67.9	179.0	8/8	7.9803	355	2.9	84.5	231.4	R	2559 ± 47		
	Basaltic andesite of Four Corners	2567 ± 14	—	—	—	QV03-144B	—	—	—	—	—	—	—	—	R	2567 ± 14		
			4T224	45.30445	–122.49235	—	–51.0	171.3	4/8	3.9755	122	8.3	74.8	87.0	R	—		
			T3169	45.32098	–122.48060	—	–56.6	195.5	8/8	7.9615	182	4.1	75.8	357.0	R	—		
	Basaltic andesite of Fallsview	2579 ± 19	T3112	45.23045	–122.58430	—	–58.8	193.7	7/8	6.9872	468	2.8	78.4	352.1	R	—		
			T5081	45.25188	–122.52190	—	–61.3	163.9	8/8	7.9705	237	3.6	78.1	139.7	R	—		
			T3120	45.22933	–122.52848	QV02-94	–55.0	192.7	8/9	7.9392	115	5.2	76.3	8.3	R	2579 ± 19		
	Basaltic andesite of Highland Butte	2596 ± 23	T3145	45.26148	–122.40537	QV02-80	–60.4	203.0	8/8	7.9771	305	3.2	72.9	332.5	R	2583 ± 28		R
			T3129	45.24662	–122.45303	RC02-338	–53.7	198.6	8/8	7.9368	111	5.3	72.0	359.0	R	2624 ± 42		
	Basaltic andesite of Beaver Creek	2601 ± 57	—	—	—	QV03-206	—	—	—	—	—	—	—	—	R	2601 ± 57		
			T3153	45.28578	–122.45218	QV02-76	–55.7	206.5	6/8	5.9667	150	5.5	68.2	342.6	R	≤2718 ± 13		
			T5089	45.28292	–122.49823		–41.6	181.6	7/8	6.9682	188	4.4	68.6	53.6	R	—		
	Andesite of Tong Road	2607 ± 42	4T120	45.39770	–122.47523	QV02–55C	–56.2	178.7	8/8	7.9753	283	3.3	81.3	64.7	R	2607 ± 42		
			T2247	45.39678	–122.47898		–59.0	177.3	7/8	6.9649	171	4.6	84.0	102.4	R	—		
	Basalt of Canemah	2616 ± 18	—	—	—	QV02-99	—	—	—	—	—	—	—	—	R	2666 ± 36		
			—	—	—	QV02-83	—	—	—	—	—	—	—	—	R	2609 ± 13		
			T3096	45.28787	–122.54222	—	–52.1	184.5	8/8	7.9621	185	4.1	77.0	40.4	R	—		
			T3137	45.26212	–122.47612	—	–52.8	190.5	8/8	7.9730	259	3.5	75.6	19.6	R	—		
			4T208	45.17958	–122.50173	—	–31.0	162.8	8/8		[–32,–3]	[6.9,17.3]	58.1	89.9	R	—		
			T2239	45.34883	–122.60997	—	–51.5	192.1	8/8	7.9899	693	2.1	73.8	162.0	R	—		
			T3104	45.24237	–122.58547	—	–52.7	189.9	8/8	7.9581	167	4.3	75.8	21.7	R	—		
																	2581	
Gauss	No representative units																	
																	3032	
	Kaena	Low-potassium tholeiite	3055 ± 29	T3185	45.22295	–122.36257	RC02-203	–56.9	223.7	8/8	7.9751	281	3.3	56.7	325.3	R	2942 ± 77	R
				4T216	45.19698	–122.33115	RC02-187	–61.5	198.2	8/8	7.9877	569	2.3	76.7	332.2	R	3052 ± 27	

			T5192	45.41087	–122.21388	QV04-256	-81.2	182.6	8/8	7.9941	1184	1.6	62.6	239.5	R	3109 ± 49	
	Basalt of McIntyre Ridge	3088 ± 9	T6017	45.31750	–122.05792	ALDCK-1	–60.4	195.6	8/8	7.9768	302	3.2	78.0	341.7	R	3088 ± 9	
																	3116
	Low-potassium tholeiite	3105 ± 41	4T175	45.54498	–122.16970	BVCK-1	54.5	10.9	5/9	4.9648	114	7.2	76.6	15.9	N	3058 ± 74	
			T5113	45.54078	–122.17037	03BV-G133B	54.3	2.2	7/8	6.9777	269	3.7	79.1	48.2	N	3126 ± 50	
	Low-potassium tholeiite	3228 ± 27	T3217	45.44015	–122.22379	BLRN-1	57.0	29.6	8/8	7.9706	238	3.6	66.7	337.0	N	3228 ± 27	
Mammoth																	***3207***
	No representative units																R
																	3330

Note: Red text indicates magnetically reversed samples, and green text indicates transitional magnetizations. Dash indicates no data.
[1]Unit age is the indicated age of single samples or the weighted mean age of multiple samples, except where a discordant value is rejected. Significant discordance is marked with an asterisk (*).
[2]Sample Locations for Ar samples in Table 2. Where age and paleomagnetic data are shown on the same line, sample locations are the same except where samples marked with asterisks (**).
[3]Inclination (Inc) and declination (Dec) of site mean paleomagnetic direction in degrees.
[4]Number of samples analyzed (N) over number of samples collected (N_0). R is the vector sum of N unit vectors, k is the concentration parameter of Fisher (1953), and α_{95} is the radius of 95% confidence (na = not available).
[5]VGP is virtual geomagnetic pole calculated from the site-mean direction.
[6]Magnetic polarity of the samples: N = Normal, R = Reversed, T = Transitional, E = Excursional.
[7]Ages from Table 2 (in ka, with 1-sigma uncertainties).
[8]Solid where Normal, vertically lined where Transitional, and R where Reversed. Ages shown for paleomagnetic boundaries are from Ogg (2012). Unrepresented polarity events only shown where necessary for clarity.