

Table of Rock Analyses																
Sample	CMU	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	FeOt	MgO	CaO	Na ₂ O	K ₂ O	TiO ₂	P ₂ O ₅	MnO	LOI	Original	FeC
Number	Group	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	Sum	Mg
	Code															
LB88-3	RNW-T	55.20	18.40	1.49	5.37	6.71	4.73	8.15	3.78	1.37	1.02	0.37	0.11	0.20	99.51	1.4
LB88-7	RNW-T	55.68	18.12	1.50	5.42	6.77	4.49	8.04	3.81	1.43	1.03	0.37	0.11	0.39	99.91	1.5
LB88-9	RNW-T	56.30	17.92	1.43	5.15	6.44	5.13	7.67	3.64	1.47	0.87	0.30	0.11	0.79	99.32	1.2
LB90-81B	ROC	58.83	17.72	1.33	4.78	5.98	3.84	7.25	3.49	1.75	0.70	0.20	0.10	0.36	99.58	1.5
LB90-82	ROC	58.65	17.60	1.32	4.77	5.96	4.11	7.25	3.36	1.93	0.70	0.20	0.11	0.44	99.41	1.4
LB90-83	ROC	56.30	17.79	1.49	5.36	6.69	5.10	7.95	3.27	1.62	0.78	0.23	0.11	0.34	99.53	1.3
LB90-85	ROC	55.95	18.14	1.50	5.41	6.77	5.00	8.07	3.40	1.39	0.79	0.23	0.12	0.28	99.26	1.3
LB91-103	ROC	55.41	17.93	1.63	5.86	7.33	4.84	7.71	3.73	1.44	0.99	0.32	0.14	0.15	99.90	1.5
LC79-23B	LVC-R	67.34	16.25	0.74	2.67	3.33	2.04	3.74	4.42	2.10	0.49	0.14	0.07	1.22	99.35	1.6
LC79-45	LVC-R	66.91	17.29	0.86	3.11	3.88	1.88	3.37	3.92	2.03	0.47	0.09	0.06	2.32	97.48	2.0
LC79-46	LVC-R	66.55	15.90	0.82	2.97	3.71	2.22	4.72	3.99	2.22	0.45	0.10	0.06	0.45	99.05	1.6
LC80-123	LVC-BV	58.99	17.65	1.31	4.71	5.89	3.90	7.19	3.67	1.58	0.73	0.17	0.10	0.14	99.69	1.5
LC80-123A	LVC-BV	56.69	17.01	1.43	5.13	6.41	6.50	8.28	3.09	0.99	0.62	0.13	0.14	0.44	99.35	0.9
LC80-133	RSE	53.05	15.89	1.65	5.94	7.43	9.18	9.33	2.82	0.98	0.81	0.21	0.13	0.02	99.43	0.8
LC80-154	LVC-R	66.60	16.19	0.81	2.92	3.64	1.93	4.09	4.38	2.36	0.50	0.16	0.06	0.78	99.12	1.8
LC80-178	LVC-BV	60.35	16.61	1.31	4.70	5.88	3.57	6.02	4.06	2.03	0.96	0.29	0.10	0.68	99.28	1.6
LC80-221	LVC-BV	55.45	15.90	1.52	5.48	6.85	7.78	9.16	2.95	0.82	0.67	0.16	0.12	0.16	99.84	0.8
LC80-224	LVC-BV	59.11	16.85	1.30	4.67	5.84	4.51	6.94	3.73	1.72	0.80	0.27	0.10	0.61	99.65	1.2
LC80-277	RSE	58.06	18.45	1.30	4.69	5.86	4.76	7.46	3.74	0.83	0.51	0.10	0.10	1.04	99.72	1.2
LC80-363A	LVC-B	56.51	18.70	1.59	5.71	7.14	3.57	7.30	3.85	1.24	1.20	0.21	0.12	0.77	99.02	2.0
LC80-372	RNW	58.33	18.17	1.36	4.89	6.11	3.88	6.77	3.89	1.52	0.84	0.24	0.11	0.85	99.62	1.5
LC80-374	RNW	55.88	15.56	1.46	5.25	6.56	8.03	9.04	2.94	0.94	0.64	0.14	0.12	0.46	99.54	0.8
LC80-391	LVC-TO	58.96	17.64	1.29	4.65	5.81	3.00	6.73	4.25	1.97	1.06	0.34	0.10	<0.01	99.73	1.9
LC80-399	LVC-B	68.59	15.93	0.64	2.32	2.89	1.42	3.43	4.36	2.68	0.43	0.12	0.08	0.66	98.80	2.0
LC80-401	RNW	51.70	17.27	1.82	6.56	8.20	7.09	9.00	3.55	1.07	1.21	0.58	0.13	0.16	100.34	1.1
LC80-402	ROC	54.67	17.49	1.67	6.01	7.51	5.29	7.77	3.89	1.49	1.14	0.45	0.14	0.48	100.16	1.4
LC80-409	LVC-BV	59.25	17.97	1.35	4.86	6.08	3.04	6.39	4.27	1.67	0.83	0.28	0.10	0.51	99.61	2.0
LC80-410	LVC-BV	58.67	17.47	1.34	4.81	6.02	3.88	7.15	3.88	1.66	0.80	0.25	0.10	0.36	99.56	1.5
LC80-417	LVC-R	64.18	17.10	0.92	3.30	4.13	2.65	5.57	3.93	1.70	0.45	0.12	0.08	0.30	99.78	1.5
LC80-436	LVC-BV	57.31	17.14	1.47	5.29	6.61	4.20	7.56	3.93	1.60	1.05	0.34	0.11	0.26	100.93	1.5
LC80-436B	LVC-BV	55.29	15.83	1.50	5.41	6.76	7.99	9.23	2.97	0.84	0.66	0.16	0.12	0.06	100.44	0.8

LC80-439	LVC-BV	60.08	17.93	1.07	3.84	4.81	4.03	7.25	3.74	1.21	0.62	0.15	0.07	0.94	99.13	1.3
LC80-440	LVC-BV	63.36	17.21	1.03	3.72	4.65	2.75	5.18	4.18	1.68	0.63	0.18	0.08	0.88	99.22	1.6
LC80-446	LVC-BV	67.47	15.81	0.77	2.78	3.48	1.29	3.50	4.37	3.05	0.69	0.21	0.05	0.38	99.62	2.7
LC80-449	LVC-BV	61.56	17.04	1.11	3.99	4.98	3.50	6.06	3.80	1.94	0.73	0.19	0.08	0.36	99.04	1.4
LC80-451A	LVC-BV	57.85	17.61	1.25	4.50	5.62	5.17	7.84	3.71	1.04	0.73	0.21	0.09	0.02	99.89	1.0
LC80-451B	LVC-BV	54.05	16.62	1.60	5.76	7.19	7.78	9.77	2.84	0.59	0.70	0.13	0.16	0.21	101.10	0.9
LC80-475	LVC-BV	61.49	17.24	1.08	3.90	4.87	3.41	6.21	3.96	1.77	0.69	0.18	0.08	0.60	99.64	1.4
LC80-476	RNW	61.63	16.63	1.03	3.70	4.63	4.64	6.74	3.81	0.99	0.60	0.15	0.07	0.15	100.20	1.0
LC80-485	LVC-BV	67.37	16.03	0.78	2.81	3.51	1.35	3.41	4.29	3.01	0.69	0.19	0.06	0.42	98.86	2.6
LC80-489	LVC-BV	60.30	17.41	1.22	4.40	5.50	3.74	6.59	3.72	1.63	0.70	0.18	0.09	0.65	99.83	1.4
LC80-495	LVC-BV	59.72	17.18	1.22	4.40	5.50	4.17	6.48	3.93	1.78	0.81	0.22	0.08	1.91	98.27	1.3
LC80-498	LVC-BV	66.05	16.11	0.89	3.19	3.99	1.49	3.99	4.38	2.83	0.78	0.23	0.07	0.49	99.67	2.6
LC80-504	MVC	64.90	16.10	0.87	3.15	3.94	2.97	5.59	3.86	1.77	0.60	0.14	0.05	1.34	99.11	1.3
LC80-527	LVC-BV	61.33	17.52	1.08	3.88	4.85	3.43	6.39	3.95	1.52	0.63	0.17	0.08	0.25	99.73	1.4
LC80-533	LVC-R	63.72	17.64	0.87	3.14	3.92	2.46	5.57	4.35	1.53	0.53	0.13	0.06	0.20	99.54	1.5
LC80-534	LVC-B	69.26	15.99	0.57	2.05	2.56	1.06	2.78	4.43	3.24	0.46	0.11	0.05	1.81	98.17	2.4
LC80-537	RSE	51.20	17.30	1.86	6.68	8.36	8.15	8.97	3.38	0.85	1.13	0.32	0.16	0.26	100.16	1.0
LC80-542	LVC-BV	61.53	17.64	1.06	3.83	4.79	3.35	6.40	3.71	1.56	0.64	0.18	0.08	0.26	100.21	1.4
LC81-559	LVC-R	69.68	15.54	0.63	2.27	2.83	1.24	3.33	4.08	2.65	0.42	0.11	0.05	2.41	97.41	2.3
LC81-561	DVC	61.91	17.28	1.08	3.89	4.87	3.05	5.67	3.73	2.37	0.72	0.21	0.08	1.29	98.79	1.6
LC81-576	DVC	62.33	17.19	1.03	3.69	4.61	3.19	6.03	3.67	2.12	0.52	0.14	0.08	0.36	99.87	1.4
LC81-612	DVC	58.00	15.16	1.49	5.36	6.70	7.06	7.43	3.25	1.25	0.71	0.18	0.11	0.63	99.55	0.9
LC81-629	LVC-R	65.90	16.30	0.83	3.00	3.75	2.22	4.50	4.24	2.27	0.48	0.19	0.07	0.01	99.73	1.6
LC81-633	DVC	58.13	17.26	1.33	4.77	5.97	4.54	7.92	3.44	1.62	0.69	0.19	0.10	0.46	99.61	1.3
LC81-637	DVC	68.36	14.87	0.88	3.16	3.95	1.10	3.09	4.59	2.77	0.86	0.22	0.11	2.91	97.18	3.5
LC81-646	RSE	56.45	17.64	1.45	5.20	6.50	5.10	8.01	3.65	1.23	0.85	0.30	0.12	0.27	99.78	1.2
LC81-649	RSE	51.52	16.81	1.79	6.45	8.06	8.68	9.24	3.23	0.85	1.02	0.27	0.14	<0.01	100.08	0.9
LC81-659	LVC-R	73.50	13.91	0.43	1.56	1.95	0.88	1.97	3.98	3.36	0.28	0.08	0.05	0.51	99.36	2.2
LC81-659A	LVC-R	57.52	19.07	1.35	4.86	6.07	3.65	8.17	3.42	1.08	0.65	0.12	0.10	0.46	100.16	1.6
LC81-660	LVC-E	69.65	15.59	0.57	2.04	2.55	1.48	3.19	4.23	2.75	0.35	0.10	0.05	0.60	99.01	1.7
LC81-661	LVC-E	68.12	15.80	0.70	2.51	3.14	1.71	3.93	4.14	2.51	0.41	0.11	0.06	0.09	99.67	1.8
LC81-661A	LVC-E	55.64	18.35	1.58	5.70	7.13	4.40	9.01	3.06	1.37	0.66	0.09	0.13	0.05	100.39	1.6
LC81-670	LVC-TY	66.14	16.41	0.75	2.70	3.38	2.16	4.63	4.17	2.37	0.47	0.14	0.06	0.25	99.64	1.5
LC81-671	LVC-TY	59.65	17.79	1.20	4.33	5.41	4.09	6.79	3.74	1.53	0.65	0.14	0.09	0.06	100.56	1.3
LC81-675	LVC-BV	62.59	16.73	1.08	3.90	4.87	3.30	5.31	3.83	2.33	0.67	0.18	0.08	0.44	99.64	1.4
LC81-678	LVC-BV	61.55	16.80	1.14	4.09	5.11	3.48	5.69	4.06	2.17	0.72	0.22	0.08	0.76	99.23	1.4
LC81-683A	LVC-B	67.55	16.36	0.67	2.43	3.04	1.71	3.99	4.17	2.52	0.41	0.13	0.06	0.32	99.31	1.7

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LC81-683B	LVC-B	59.49	18.96	1.12	4.04	5.05	3.48	7.04	3.83	1.27	0.56	0.11	0.09	0.81	99.62	1.4
LC81-692	LVC-B	65.07	17.05	0.81	2.91	3.64	1.96	4.80	4.27	2.28	0.54	0.24	0.07	0.35	99.45	1.8
LC81-694	LVC-B	69.09	15.77	0.59	2.14	2.68	1.45	3.35	4.33	2.73	0.37	0.10	0.07	0.05	99.82	1.8
LC81-696	LVC-B	68.30	16.05	0.64	2.32	2.90	1.61	3.92	4.06	2.54	0.38	0.11	0.07	0.07	99.97	1.7
LC81-706	LVC-B	67.31	16.40	0.72	2.60	3.25	1.66	3.78	4.37	2.53	0.44	0.12	0.06	0.20	99.68	1.9
LC81-707	LVC-B	57.68	19.49	1.17	4.23	5.28	3.98	7.93	3.77	0.99	0.57	0.10	0.09	0.04	99.99	1.3
LC81-710	LVC-TY	57.97	17.61	1.34	4.83	6.03	4.37	8.11	3.57	1.26	0.69	0.14	0.11	0.41	99.90	1.3
LC81-710A	LVC-TY	54.85	17.41	1.68	6.06	7.57	5.22	9.56	3.05	0.87	0.95	0.21	0.14	0.25	100.03	1.4
LC81-720	RSE	52.98	17.06	1.73	6.22	7.78	7.14	8.62	3.63	1.05	1.10	0.33	0.13	<0.01	100.35	1.0
LC81-723	LVC-B	67.10	16.06	0.75	2.72	3.39	2.05	4.31	4.10	2.31	0.42	0.11	0.06	0.78	98.65	1.6
LC81-724	LVC-E	70.86	15.68	0.50	1.78	2.23	0.96	2.60	4.29	2.84	0.33	0.11	0.05	2.62	97.14	2.3
LC81-724A	LVC-E	56.79	18.76	1.34	4.83	6.04	4.08	7.99	3.77	1.26	0.84	0.22	0.10	1.52	98.60	1.4
LC81-727	LVC-E	69.01	16.10	0.58	2.08	2.60	1.50	3.23	4.27	2.70	0.37	0.11	0.05	1.97	97.75	1.7
LC81-731	LVC-E	70.24	15.56	0.54	1.95	2.43	1.21	2.92	4.32	2.74	0.36	0.11	0.05	1.59	97.88	2.0
LC81-733	LVC-E	68.28	15.96	0.63	2.28	2.85	1.83	3.64	4.24	2.59	0.39	0.11	0.05	0.39	99.26	1.5
LC81-736	LVC-E	69.34	15.75	0.56	2.02	2.53	1.47	3.29	4.37	2.68	0.36	0.10	0.05	0.52	99.30	1.7
LC81-739	LVC-TY	64.71	16.58	0.89	3.21	4.01	2.65	4.95	4.06	2.19	0.53	0.14	0.07	0.44	99.25	1.5
LC81-741	RSE	51.81	16.43	1.96	7.05	8.81	5.58	9.03	4.03	1.54	1.69	0.74	0.14	<0.01	99.99	1.5
LC81-747	DVC	62.08	16.71	1.09	3.92	4.90	3.67	5.95	3.37	2.30	0.63	0.19	0.09	0.14	99.18	1.3
LC81-753	LVC-TY	60.46	16.91	1.15	4.14	5.18	4.00	6.54	3.86	1.82	0.77	0.24	0.09	0.86	99.19	1.2
LC81-758	DVC	62.92	16.67	1.00	3.60	4.50	3.29	5.55	3.55	2.61	0.55	0.17	0.08	1.09	98.78	1.3
LC81-765	LVC-E	70.33	15.53	0.53	1.89	2.37	1.16	2.87	4.40	2.78	0.36	0.11	0.05	1.44	98.75	2.0
LC81-775	RNW	55.76	18.01	1.51	5.43	6.79	4.68	7.72	3.65	1.69	1.06	0.37	0.12	0.26	99.96	1.4
LC81-790	RNW	54.28	16.05	1.55	5.59	6.99	9.14	8.47	3.26	0.68	0.72	0.13	0.13	<0.01	100.29	0.7
LC81-797	LVC-BV	58.08	18.04	1.31	4.71	5.89	3.88	7.26	3.82	1.74	0.82	0.23	0.10	0.79	99.18	1.5
LC81-798	LVC-TO	57.25	17.48	1.40	5.03	6.28	3.98	7.52	4.02	1.79	1.11	0.32	0.11	<0.01	100.12	1.5
LC81-801	LVC-B	65.46	16.42	0.85	3.06	3.83	2.44	4.73	3.94	2.31	0.55	0.16	0.07	0.52	99.02	1.5
LC81-802	LVC-B	58.62	17.96	1.28	4.59	5.74	4.43	7.34	3.50	1.31	0.72	0.16	0.10	0.61	99.62	1.3
LC81-807	RSE	48.75	18.06	1.53	7.83	9.21	8.63	11.03	2.81	0.17	0.91	0.11	0.16	0.19	100.55	1.0
LC81-808	MVC	66.36	16.18	0.76	2.74	3.43	2.24	4.21	3.82	3.04	0.47	0.11	0.06	1.56	98.55	1.5
LC81-809	MVC	69.30	16.03	0.60	2.16	2.70	1.31	3.01	3.59	3.48	0.39	0.09	0.04	0.86	98.80	2.0
LC81-810	LVC-B	64.44	16.84	0.87	3.14	3.92	2.66	5.19	4.07	2.03	0.52	0.16	0.08	0.09	100.13	1.4
LC81-811	LVC-E	70.28	15.27	0.55	1.99	2.49	1.30	3.10	4.31	2.66	0.36	0.11	0.05	0.50	99.11	1.9
LC81-813	LVC-E	70.59	15.43	0.53	1.91	2.39	1.13	2.75	4.30	2.83	0.36	0.11	0.05	2.07	97.39	2.1
LC81-813A	LVC-E	69.70	15.87	0.58	2.07	2.59	1.25	2.94	4.35	2.68	0.40	0.11	0.05	2.00	97.92	2.0
LC81-813C	LVC-E	69.29	16.28	0.57	2.05	2.56	1.27	3.05	4.31	2.62	0.39	0.11	0.06	2.46	96.05	2.0
LC81-813D	LVC-E	70.45	15.47	0.52	1.88	2.35	1.16	2.88	4.38	2.75	0.36	0.10	0.05	1.35	98.44	2.0

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LC81-814	RNW	58.30	16.54	1.43	5.15	6.44	5.56	7.38	3.47	1.15	0.74	0.17	0.10	0.60	99.70	1.3
LC81-820	LVC-E	72.86	14.65	0.42	1.50	1.87	0.78	2.27	4.12	3.03	0.26	0.07	0.04	1.97	97.75	2.4
LC81-822	LVC-BV	62.08	18.39	1.00	3.58	4.48	3.46	5.66	3.71	1.33	0.57	0.13	0.08	2.91	97.19	1.2
LC81-828	RNW	54.40	16.89	1.43	5.14	6.43	7.31	9.37	3.44	0.79	0.87	0.24	0.11	<0.01	100.02	0.8
LC81-835	LVC-BV	61.85	17.30	1.07	3.85	4.82	3.33	5.92	3.99	1.74	0.67	0.19	0.08	0.37	99.86	1.4
LC81-840	LVC-TY	64.64	16.76	0.87	3.13	3.91	2.61	4.91	4.18	2.18	0.51	0.13	0.07	0.04	99.97	1.5
LC81-841	LVC-TY	64.69	16.77	0.87	3.13	3.91	2.66	4.96	4.07	2.14	0.50	0.13	0.07	0.16	99.90	1.4
LC81-843	LVC-TY	59.16	18.15	1.18	4.26	5.32	4.16	6.82	3.92	1.49	0.63	0.14	0.09	<0.01	100.21	1.2
LC81-844	LVC-E	56.21	18.67	1.51	5.43	6.79	4.32	8.79	3.18	0.97	0.68	0.12	0.11	0.10	100.23	1.5
LC81-845	LVC-E	69.13	15.74	0.61	2.21	2.76	1.49	3.42	4.18	2.62	0.40	0.13	0.06	2.15	97.44	1.8
LC81-846	LVC-TY	60.52	17.84	1.11	3.99	4.99	3.65	6.29	4.06	1.68	0.62	0.15	0.09	0.06	100.24	1.3
LC81-847	RNW	61.39	16.71	1.23	4.41	5.52	3.54	6.08	3.72	1.87	0.66	0.28	0.11	0.09	98.86	1.5
LC81-849	LVC-TY	57.48	17.07	1.41	5.08	6.35	5.12	8.16	3.38	1.20	0.83	0.15	0.11	0.44	99.55	1.2
LC82-879	ROC	52.71	17.81	1.82	6.55	8.19	6.22	8.34	3.61	1.22	1.20	0.37	0.14	0.19	99.56	1.3
LC82-886	ROC	52.29	17.13	1.82	6.56	8.20	7.79	8.73	3.24	1.01	1.01	0.29	0.14	<0.01	99.97	1.0
LC82-892	CVF-C	55.21	19.35	1.55	5.59	6.99	4.27	8.25	3.67	0.99	0.82	0.17	0.12	0.30	99.33	1.6
LC82-898	CVF-C	54.71	19.68	1.48	5.33	6.67	5.04	8.72	3.28	0.92	0.63	0.09	0.12	0.13	99.65	1.3
LC82-905	CVF-P	50.36	17.73	1.87	6.74	8.43	8.43	9.79	3.02	0.65	0.99	0.25	0.16	0.43	99.43	1.0
LC82-911	LVC-TY	58.96	17.25	1.27	4.59	5.74	4.21	7.97	3.44	1.38	0.67	0.16	0.10	0.71	99.05	1.3
LC82-915	LVC-E	70.00	15.60	0.52	1.89	2.36	1.22	3.14	4.46	2.63	0.35	0.11	0.07	0.94	98.92	1.9
LC82-928	RSE	57.86	17.31	1.43	5.14	6.42	4.79	6.97	3.67	1.50	0.88	0.34	0.12	0.02	99.94	1.3
LC82-940	DVC	63.64	16.82	0.95	3.42	4.28	3.04	5.72	3.46	2.17	0.55	0.15	0.08	0.15	99.05	1.4
LC82-970	RSE	48.33	17.38	1.54	7.87	9.26	9.78	11.18	2.53	0.16	0.96	0.10	0.17	<0.01	101.01	0.9
LC82-992	DVC	57.13	16.84	1.46	5.26	6.58	6.35	7.67	3.01	1.33	0.69	0.14	0.11	0.16	99.13	1.0
LC82-100	RSE	52.46	15.96	1.95	7.03	8.78	5.66	8.97	3.85	1.44	1.67	0.85	0.14	0.15	99.12	1.5
LC82-107	DVC	56.21	16.88	1.52	5.48	6.85	6.72	8.10	2.94	1.21	0.68	0.13	0.12	0.12	99.52	1.0
LC82-132	DVC	63.46	16.65	1.02	3.66	4.57	3.19	5.29	3.55	2.37	0.58	0.16	0.08	0.49	98.89	1.4
LC82-138	DVC	58.48	18.75	1.32	4.75	5.93	4.36	6.79	2.94	1.73	0.64	0.14	0.10	1.25	98.67	1.3
LC82-161	RSE	48.61	17.71	1.52	7.78	9.15	9.20	11.17	2.66	0.17	0.91	0.09	0.17	0.04	100.22	0.9
LC82-164	DVC	55.74	16.92	1.54	5.56	6.95	6.79	8.35	3.04	1.15	0.66	0.13	0.12	0.89	98.74	1.0
LC82-169	LVC-BV	59.14	17.69	1.31	4.72	5.91	3.94	7.13	3.45	1.57	0.75	0.19	0.10	0.50	99.43	1.5
LC82-171	RSE	53.96	17.08	1.70	6.13	7.66	7.05	7.93	3.35	1.29	1.04	0.32	0.13	0.21	99.63	1.0
LC82-172	LVC-BV	61.43	17.36	1.05	3.79	4.73	3.49	6.33	3.94	1.69	0.65	0.19	0.08	0.62	98.91	1.3
LC82-174	LVC-BV	59.88	17.08	1.25	4.51	5.64	4.58	7.10	3.63	0.93	0.71	0.23	0.10	1.84	97.68	1.2
LC82-177	LVC-BV	58.74	18.02	1.27	4.57	5.71	3.59	7.15	3.77	1.71	0.84	0.24	0.09	0.91	98.73	1.5
LC82-182	LVC-BV	61.50	16.85	1.13	4.08	5.10	3.58	5.92	3.82	2.08	0.75	0.20	0.08	1.05	98.34	1.4
LC82-191	LVC-BV	61.71	16.88	1.13	4.08	5.11	3.50	6.12	3.72	1.87	0.71	0.18	0.09	1.21	98.80	1.4

LC82-192	LVC-BV	59.47	17.77	1.17	4.22	5.27	4.24	7.35	3.55	1.25	0.70	0.19	0.09	0.36	99.51	1.4
LC82-193	LVC-B	64.06	17.03	0.90	3.23	4.04	2.86	5.39	3.82	1.95	0.54	0.15	0.07	0.21	99.01	1.4
LC82-194	LVC-BV	62.97	16.80	1.06	3.82	4.77	2.80	5.42	3.86	2.25	0.73	0.21	0.08	0.66	99.20	1.7
LC82-204	LVC-B	68.88	15.90	0.61	2.21	2.76	1.51	3.42	4.22	2.69	0.38	0.11	0.05	0.40	98.97	1.8
LC83-227	LVC-TY	62.23	16.73	1.07	3.86	4.83	3.28	6.28	3.88	1.82	0.59	0.16	0.09	1.04	98.45	1.4
LC83-233	LVC-TY	61.14	16.70	1.17	4.21	5.27	3.71	6.92	3.67	1.56	0.66	0.15	0.10	0.13	99.32	1.4
LC83-248	LVC-TO	58.36	16.88	1.25	4.51	5.64	5.59	7.94	3.41	1.29	0.54	0.12	0.10	0.74	98.84	1.0
LC83-255	RNW	54.47	17.07	1.40	5.05	6.31	7.73	8.98	3.47	0.63	0.85	0.23	0.10	0.74	98.95	0.8
LC83-263	RNW-T	56.99	17.89	1.37	4.94	6.18	4.65	7.91	3.74	1.37	0.78	0.24	0.11	0.57	100.04	1.3
LC83-266	LVC-TO	57.44	17.32	1.32	4.74	5.93	5.11	7.81	3.53	1.60	0.69	0.33	0.10	0.33	99.23	1.1
LC83-272	RNW-T	57.68	17.94	1.33	4.80	6.00	4.42	7.56	3.66	1.51	0.76	0.23	0.10	0.75	99.18	1.3
LC83-274	RNW	59.72	18.12	1.17	4.21	5.27	3.56	7.13	3.41	1.73	0.56	0.30	0.09	0.40	99.26	1.4
LC83-276	RNW	54.22	17.74	1.43	5.15	6.43	6.87	10.38	2.86	0.61	0.51	0.11	0.11	<0.01	99.79	0.9
LC83-288	RNW	62.62	16.72	1.09	3.91	4.89	3.32	5.93	3.66	1.92	0.56	0.18	0.09	0.10	99.11	1.4
LC83-290	RNW	48.04	18.23	1.50	7.65	9.00	9.35	10.98	2.82	0.17	0.98	0.13	0.16	0.08	100.14	0.9
LC83-300	RNW	62.52	16.62	1.08	3.89	4.86	3.39	6.03	3.59	2.05	0.56	0.18	0.09	0.86	98.48	1.4
LC83-312	LVC-BV	62.35	17.25	1.05	3.78	4.73	2.93	5.34	4.06	2.23	0.70	0.21	0.08	0.34	98.40	1.6
LC83-313	CVF-B	59.02	17.74	1.25	4.50	5.62	4.04	6.65	3.94	1.69	0.81	0.28	0.10	0.70	98.59	1.3
LC83-317	LVC-TY	55.97	15.79	1.40	5.03	6.28	8.18	8.26	3.20	1.30	0.63	0.14	0.12	<0.01	99.36	0.7
LC83-321	RNW	58.27	17.96	1.29	4.66	5.82	4.27	7.26	3.74	1.48	0.71	0.26	0.10	0.76	98.49	1.3
LC83-324	RNW	60.90	17.27	1.17	4.21	5.26	3.32	6.46	3.60	2.16	0.63	0.18	0.10	0.92	98.33	1.5
LC83-329	RNW-S	57.89	17.84	1.41	5.09	6.36	3.80	7.14	3.88	1.62	0.89	0.33	0.11	0.60	98.67	1.6
LC83-347	RNW	51.33	17.92	1.73	6.22	7.77	6.84	8.28	3.89	1.48	1.69	0.50	0.13	<0.01	99.46	1.1
LC83-355	LVC-B	66.45	16.46	0.78	2.82	3.52	2.21	4.55	3.81	2.18	0.48	0.18	0.07	0.34	98.73	1.5
LC83-356	RNW-S	60.62	17.42	1.22	4.39	5.49	3.41	6.46	3.56	1.84	0.71	0.25	0.10	0.86	98.63	1.6
LC83-357	RNW-S	59.34	17.54	1.32	4.75	5.94	3.78	6.72	3.62	1.75	0.79	0.30	0.10	0.72	98.60	1.5
LC83-358	LVC-B	66.49	16.60	0.77	2.77	3.46	2.04	4.26	3.97	2.39	0.49	0.16	0.07	0.21	99.12	1.6
LC83-359	LVC-E	55.96	19.40	1.30	4.69	5.87	4.19	8.46	3.47	1.32	0.86	0.24	0.09	0.29	98.98	1.4
LC83-360	LVC-E	70.98	15.46	0.49	1.76	2.20	1.01	2.70	4.23	2.87	0.34	0.12	0.05	0.54	98.53	2.1
LC83-362	LVC-E	55.69	19.38	1.32	4.74	5.92	4.39	8.82	3.40	1.18	0.81	0.19	0.09	0.83	98.56	1.3
LC83-363	LVC-B	65.64	16.99	0.80	2.86	3.58	2.15	4.75	3.95	2.12	0.50	0.15	0.07	0.13	99.18	1.6
LC83-366	LVC-TO	56.61	16.81	1.50	5.39	6.74	6.01	7.18	3.56	1.50	1.00	0.31	0.12	<0.01	99.33	1.1
LC83-369	RNW	56.96	18.28	1.37	4.92	6.15	4.80	7.71	3.53	1.29	0.76	0.27	0.11	0.14	99.56	1.2
LC83-371	LVC-TO	57.90	17.92	1.48	5.34	6.68	3.26	6.79	4.12	1.60	1.12	0.34	0.12	<0.01	99.90	2.0
LC83-372	RNW	57.21	17.79	1.40	5.04	6.30	4.52	7.70	3.70	1.28	0.85	0.38	0.11	0.09	99.48	1.4
LC83-373	RNW	56.93	18.17	1.40	5.02	6.28	4.34	7.64	3.63	1.37	0.95	0.43	0.11	0.14	100.15	1.4
LC83-375	RNW	52.19	18.20	1.10	3.96	4.95	7.74	8.43	4.42	1.61	1.69	0.54	0.12	<0.02	99.89	0.6

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LC83-380	RNW	57.27	17.85	1.38	4.96	6.20	4.42	7.63	3.67	1.40	0.91	0.40	0.11	0.18	99.72	1.4
LC83-382	RNW	61.23	17.39	1.15	4.13	5.16	3.21	6.40	3.36	2.22	0.63	0.18	0.10	0.86	98.77	1.6
LC83-386	RNW	49.07	17.96	1.47	7.48	8.80	8.79	11.04	2.72	0.24	0.95	0.12	0.16	<0.01	100.48	1.0
LC83-390	RNW	62.69	16.69	1.08	3.88	4.85	3.40	5.97	3.32	2.13	0.56	0.19	0.09	0.97	98.69	1.4
LC83-392	LVC-E	68.12	15.87	0.70	2.53	3.17	1.71	3.78	4.23	2.48	0.40	0.11	0.06	0.27	99.22	1.8
LC83-393	LVC-E	55.20	19.04	1.56	5.62	7.03	4.56	9.17	3.09	0.79	0.73	0.12	0.12	0.11	99.38	1.5
LC83-399	LVC-TY	54.86	15.83	1.49	5.37	6.71	8.63	8.73	3.03	1.12	0.68	0.14	0.12	0.08	99.75	0.7
LC84-411	LVC-BV	59.21	17.36	1.25	4.50	5.62	4.30	7.05	3.47	1.79	0.72	0.25	0.10	1.29	98.44	1.3
LC84-417	LVC-E	69.58	15.37	0.61	2.21	2.76	1.39	3.34	4.22	2.71	0.40	0.12	0.05	1.22	97.83	1.9
LC84-418	LVC-E	69.30	15.47	0.62	2.25	2.81	1.43	3.44	4.23	2.66	0.41	0.12	0.06	0.92	98.51	1.9
LC84-419	LVC-E	69.42	15.39	0.62	2.25	2.81	1.41	3.43	4.24	2.67	0.40	0.12	0.05	0.86	98.34	2.0
LC84-420	LVC-E	69.95	15.42	0.57	2.05	2.56	1.23	3.30	4.29	2.64	0.36	0.12	0.07	1.09	98.15	2.0
LC84-421	LVC-E	69.59	15.61	0.58	2.09	2.62	1.28	3.39	4.30	2.63	0.36	0.12	0.05	1.17	98.23	2.0
LC84-422	LVC-E	69.82	15.54	0.57	2.05	2.56	1.26	3.31	4.29	2.64	0.36	0.12	0.05	1.05	98.05	2.0
LC84-423	LVC-E	66.33	16.28	0.78	2.80	3.49	2.20	4.75	4.09	2.17	0.42	0.11	0.07	0.32	99.21	1.5
LC84-424	LVC-E	55.76	18.79	1.52	5.47	6.84	4.38	8.88	3.26	1.00	0.70	0.12	0.12	0.60	99.05	1.5
LC84-427	LVC-E	69.84	15.43	0.58	2.08	2.59	1.24	3.35	4.34	2.63	0.36	0.12	0.05	0.51	98.74	2.1
LC84-428	LVC-E	69.62	15.53	0.59	2.12	2.65	1.29	3.38	4.33	2.62	0.35	0.13	0.06	0.51	98.77	2.0
LC84-433	LVC-E	66.97	16.26	0.76	2.72	3.40	1.81	4.48	4.15	2.25	0.41	0.12	0.07	0.49	99.31	1.8
LC84-434	LVC-E	68.88	15.76	0.62	2.22	2.77	1.46	3.71	4.30	2.50	0.38	0.11	0.06	0.10	99.84	1.9
LC84-435	LVC-E	67.78	15.81	0.74	2.67	3.34	1.77	4.08	4.01	2.52	0.42	0.12	0.07	0.18	99.58	1.8
LC84-443	LVC-E	69.81	15.60	0.56	2.03	2.54	1.20	3.31	4.30	2.64	0.35	0.12	0.06	0.76	98.91	2.1
LC84-446	LVC-R	73.47	13.99	0.44	1.60	2.00	0.88	2.03	3.65	3.43	0.35	0.10	0.05	2.76	96.67	2.2
LC84-454	LVC-E	69.98	15.47	0.54	1.95	2.43	1.35	3.12	4.24	2.83	0.36	0.11	0.05	1.53	97.82	1.8
LC84-455	LVC-E	68.17	16.10	0.66	2.38	2.98	1.50	4.16	4.23	2.25	0.36	0.11	0.06	0.40	98.99	1.9
LC84-472	LVC-B	54.86	19.69	1.55	5.58	6.98	3.95	8.47	3.65	1.15	0.83	0.15	0.11	1.31	98.12	1.7
LC84-473	LVC-B	58.53	18.55	1.28	4.61	5.77	3.75	7.72	3.48	1.19	0.64	0.14	0.10	1.39	98.05	1.5
LC84-487	RNW	53.94	17.08	1.47	5.29	6.61	8.23	9.38	3.06	0.49	0.79	0.17	0.11	0.64	100.15	0.8
LC84-488	RNW	56.72	16.96	1.48	5.31	6.64	5.48	7.61	3.41	1.63	0.93	0.35	0.12	0.30	99.66	1.2
LC84-493	RNW	60.79	16.85	1.21	4.35	5.43	3.81	6.47	3.48	2.07	0.65	0.22	0.10	0.58	99.01	1.4
LC84-497	RNW	58.30	17.74	1.34	4.84	6.05	3.62	6.97	3.70	2.10	0.93	0.33	0.11	0.55	99.15	1.6
LC84-500	RNW-T	58.18	17.97	1.32	4.75	5.94	4.05	7.47	3.61	1.57	0.73	0.22	0.10	0.79	99.00	1.4
LC84-501	RNW	56.27	17.71	1.49	5.36	6.70	5.18	8.33	3.24	1.41	0.70	0.20	0.11	0.50	99.39	1.2
LC84-514	RNW	48.58	17.44	1.54	7.86	9.25	9.90	10.18	2.97	0.24	0.97	0.16	0.16	<0.01	100.09	0.9
LC84-521	LVC-BV	60.99	17.56	1.18	4.23	5.29	3.41	6.19	3.78	1.66	0.71	0.21	0.08	0.94	99.01	1.5
LC84-530	LVC-B	63.67	17.34	0.91	3.26	4.08	2.57	5.63	4.03	1.81	0.54	0.17	0.07	0.09	98.99	1.5
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LC84-541	LVC-B	64.21	16.94	0.92	3.32	4.15	2.35	5.15	4.17	2.11	0.56	0.18	0.09	0.34	99.57	1.7
LC84-542A	LVC-TY	68.26	15.89	0.67	2.41	3.01	1.67	3.68	4.15	2.62	0.45	0.14	0.06	1.84	98.41	1.8
LC84-542C	LVC-TY	61.04	18.38	1.03	3.72	4.64	3.43	6.70	3.83	1.08	0.54	0.15	0.09	1.06	98.86	1.3
LC84-544	LVC-B	64.16	17.56	0.85	3.05	3.81	2.60	5.12	4.16	1.81	0.50	0.14	0.07	0.32	98.85	1.4
LC84-547	LVC-B	69.09	15.47	0.63	2.27	2.84	1.41	3.22	4.31	2.93	0.45	0.15	0.06	1.26	98.52	2.0
LC84-563	RNW	48.56	17.86	1.52	7.75	9.12	9.17	11.04	2.77	0.14	0.93	0.10	0.16	0.12	100.53	0.9
LC84-569	RNW	49.58	17.57	1.45	7.39	8.69	8.71	10.74	2.89	0.36	0.99	0.17	0.15	0.03	100.45	1.0
LC84-571	RNW	56.10	17.92	1.44	5.20	6.50	5.08	7.73	3.75	1.41	0.87	0.37	0.12	0.44	99.33	1.2
LC84-572	RNW	56.99	17.88	1.38	4.96	6.20	4.82	7.55	3.79	1.43	0.78	0.31	0.11	0.40	99.52	1.2
LC84-574	CVF-B	53.22	17.34	1.68	6.04	7.55	6.66	8.11	3.64	1.50	1.27	0.41	0.13	0.09	99.88	1.1
LC84-575	CVF-B	55.82	17.56	1.46	5.26	6.58	5.56	7.52	3.76	1.52	1.04	0.37	0.11	0.36	99.65	1.1
LC84-587	LVC-BV	61.16	17.04	1.13	4.07	5.09	3.69	5.91	3.89	2.05	0.73	0.23	0.09	0.32	99.04	1.3
LC84-591	CVF-B	53.68	19.48	1.58	5.67	7.09	5.01	8.72	3.66	0.94	0.94	0.21	0.12	0.14	99.72	1.4
LC84-593	CVF-B	53.57	20.24	1.45	5.21	6.51	4.88	9.25	3.59	0.82	0.74	0.14	0.11	0.36	99.88	1.3
LC84-594	CVF-B	56.12	17.39	1.47	5.29	6.61	5.60	7.31	3.82	1.47	1.03	0.37	0.12	0.27	99.47	1.1
LC84-596	CVF-C	52.19	17.67	1.79	6.43	8.04	6.77	8.87	3.49	1.14	1.12	0.40	0.13	0.35	99.18	1.1
LC84-597	CVF-P	52.21	18.62	1.70	6.13	7.67	5.25	9.40	3.78	1.14	1.15	0.48	0.13	<0.01	99.51	1.4
LC84-599	CVF-P	52.42	17.94	1.72	6.20	7.75	5.67	9.59	3.63	1.07	1.16	0.47	0.13	0.32	99.88	1.3
LC84-600	LVC-BV	67.99	15.96	0.69	2.49	3.11	1.01	3.24	4.50	3.00	0.80	0.27	0.05	0.71	99.26	3.0
LC84-601	LVC-BV	62.98	16.58	1.08	3.90	4.87	3.04	5.22	3.87	2.29	0.75	0.21	0.07	0.86	98.71	1.6
LC84-602	LVC-BV	59.79	17.42	1.21	4.36	5.45	3.59	6.73	3.53	2.17	0.81	0.28	0.10	1.66	98.65	1.5
LC84-605	LVC-BV	59.38	16.85	1.28	4.63	5.78	3.86	6.93	3.86	1.90	0.89	0.33	0.09	0.18	99.03	1.5
LC84-613	LVC-BV	59.59	17.20	1.25	4.49	5.61	3.78	6.76	3.80	1.94	0.82	0.27	0.10	0.76	99.34	1.4
LC84-616	LVC-BV	60.45	17.04	1.17	4.20	5.25	3.63	6.66	3.59	2.13	0.77	0.25	0.10	1.05	99.05	1.4
LC84-632	LVC-E	53.26	19.35	1.66	5.98	7.48	4.96	10.27	2.77	0.81	0.71	0.09	0.14	0.08	100.93	1.5
LC84-634	LVC-E	61.39	17.77	1.16	4.17	5.22	1.91	4.50	4.93	2.66	0.91	0.47	0.12	0.19	99.49	2.7
LC84-635	LVC-E	57.91	18.17	1.43	5.13	6.41	3.91	8.04	3.27	1.26	0.63	0.11	0.13	0.44	100.20	1.6
LC84-637	LVC-E	57.10	18.43	1.54	5.55	6.93	3.78	8.15	3.37	1.08	0.74	0.13	0.13	0.24	100.37	1.8
LC84-646	LVC-B	67.03	15.67	0.82	2.96	3.69	2.11	4.24	3.98	2.49	0.50	0.14	0.07	0.23	99.24	1.7
LC84-648	LVC-E	63.46	16.75	1.00	3.61	4.51	2.94	5.77	3.89	1.88	0.50	0.12	0.08	0.34	99.51	1.5
LC85-655	CVF-CL	51.18	17.96	1.84	6.64	8.30	5.61	9.18	3.86	1.29	1.86	0.44	0.14	0.09	100.21	1.4
LC85-659	CVF-P	53.15	19.02	1.69	6.07	7.58	4.53	8.94	3.91	1.08	1.08	0.41	0.13	0.02	99.83	1.6
LC85-660	CVF-P	52.85	18.69	1.69	6.07	7.59	4.90	9.30	3.80	1.08	1.08	0.41	0.13	0.22	100.01	1.5
LC85-662	CVF-P	52.82	18.78	1.68	6.06	7.57	4.83	9.36	3.86	0.98	1.08	0.41	0.13	0.21	100.07	1.5
LC85-663	CVF-P	51.51	18.41	1.75	6.30	7.87	6.08	10.46	3.32	0.71	1.04	0.27	0.15	0.22	99.93	1.2
LC85-665	CVF-P	51.36	18.16	1.77	6.36	7.95	6.53	10.39	3.27	0.72	1.02	0.27	0.15	0.19	99.66	1.2
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Clynne Chemistry Locations

LC85-670	RNW-T	56.45	17.74	1.44	5.19	6.49	5.06	8.17	3.54	1.26	0.80	0.24	0.11	0.69	99.61	1.12
LC85-671	CVF-P	51.35	17.02	1.88	6.76	8.45	8.05	9.14	3.14	1.02	1.19	0.30	0.15	0.34	99.92	1.00
LC85-677	RNW	51.17	16.82	1.90	6.85	8.56	7.53	8.78	3.58	1.26	1.58	0.37	0.15	<0.01	100.45	1.12
LC85-694	LVC-BV	57.91	16.94	1.44	5.18	6.48	4.51	7.62	3.55	1.64	0.86	0.23	0.12	0.39	99.01	1.42
LC85-695	LVC-BV	60.09	16.72	1.25	4.49	5.62	3.93	6.78	3.68	1.90	0.79	0.26	0.10	0.92	99.00	1.42
LC85-698	LVC-BV	56.68	15.50	1.44	5.19	6.49	7.60	8.62	3.10	0.95	0.64	0.15	0.12	0.32	99.75	0.82
LC85-699	LVC-BV	56.84	17.49	1.47	5.29	6.62	4.89	7.20	3.89	1.55	0.96	0.32	0.12	1.35	98.75	1.32
LC85-702	LVC-BV	59.05	17.26	1.28	4.62	5.77	4.11	7.33	3.78	1.41	0.83	0.23	0.09	0.61	99.39	1.42
LC85-703	LVC-BV	60.36	16.86	1.24	4.46	5.57	3.53	6.58	3.84	1.95	0.82	0.28	0.09	0.38	99.38	1.52
LC85-704	LVC-BV	57.36	16.94	1.51	5.44	6.80	3.92	7.73	3.91	1.58	1.12	0.38	0.11	0.45	99.61	1.72
LC85-706	LVC-BV	57.47	16.89	1.46	5.27	6.58	5.08	7.25	3.68	1.62	0.88	0.28	0.11	1.12	98.71	1.32
LC85-715	LVC-E	53.61	18.91	1.70	6.13	7.67	5.08	10.16	2.71	0.77	0.69	0.08	0.14	0.15	100.10	1.52
LC85-717	LVC-E	53.54	18.91	1.69	6.10	7.62	5.15	10.31	2.74	0.65	0.70	0.07	0.14	0.16	100.61	1.42
LC85-726	LVC-BV	60.98	17.48	1.07	3.85	4.81	3.39	6.38	3.97	1.93	0.67	0.21	0.08	0.37	99.97	1.42
LC85-727	LVC-TY	66.24	15.93	0.84	3.03	3.78	2.37	4.47	4.09	2.36	0.47	0.13	0.07	0.64	99.51	1.62
LC85-734	RSE	48.47	17.70	1.60	8.15	9.59	8.81	11.46	2.47	0.15	0.92	0.09	0.18	0.88	100.35	1.02
LC85-735	RSE	48.61	17.47	1.60	8.17	9.61	8.76	11.08	2.91	0.16	0.97	0.09	0.17	0.20	101.09	1.12
LC85-736	RSE	49.05	17.61	1.55	7.92	9.31	7.75	11.24	3.07	0.31	1.08	0.24	0.17	<0.01	101.39	1.22
LC85-740	LVC-BV	58.20	18.63	1.35	4.85	6.07	3.35	8.02	3.53	1.13	0.68	0.15	0.10	<0.01	100.37	1.82
LC85-741	RNW	54.53	16.64	1.44	5.20	6.50	7.55	9.51	3.15	0.76	0.86	0.24	0.11	0.34	100.33	0.82
LC85-743	RNW	58.76	16.14	1.29	4.65	5.81	5.90	8.29	3.27	0.66	0.75	0.18	0.10	0.05	100.25	0.92
LC85-748	LVC-TO	57.70	16.60	1.33	4.78	5.98	6.07	8.38	3.30	1.10	0.53	0.11	0.10	<0.01	100.53	0.92
LC85-760	RNW	48.25	17.57	1.61	8.20	9.65	8.53	11.32	2.94	0.19	1.10	0.11	0.18	<0.01	101.64	1.12
LC85-764	LVC-BV	59.36	17.29	1.29	4.63	5.78	3.95	6.74	3.87	1.79	0.78	0.21	0.10	0.10	100.57	1.42
LC85-767A	LVC-BV	54.64	19.11	1.60	5.77	7.21	5.10	7.98	3.36	1.24	0.89	0.18	0.13	0.25	101.12	1.42
LC85-767D	LVC-BV	55.70	18.50	1.58	5.68	7.10	4.93	7.63	3.51	1.24	0.91	0.19	0.12	1.18	99.56	1.42
LC85-769	LVC-B	70.97	14.80	0.56	2.01	2.52	0.99	2.41	4.06	3.57	0.45	0.13	0.05	0.15	98.86	2.52
LC85-771	LVC-BV	59.65	17.16	1.29	4.65	5.82	3.83	6.58	3.80	1.93	0.79	0.21	0.10	0.21	100.76	1.52
LC85-774	LVC-BV	59.83	17.21	1.20	4.34	5.42	3.77	6.90	3.77	1.90	0.76	0.22	0.09	0.95	99.26	1.42
LC85-781	LVC-BV	62.27	16.84	1.11	3.98	4.97	2.94	5.95	3.49	2.53	0.65	0.16	0.08	1.14	99.03	1.62
LC85-783	LVC-BV	64.10	16.30	1.02	3.68	4.60	2.20	4.79	4.60	2.20	0.75	0.26	0.09	0.64	99.16	2.02
LC85-787	LVC-BV	54.76	17.62	1.61	5.80	7.25	4.48	8.85	3.72	1.43	1.17	0.44	0.13	0.92	99.99	1.62
LC86-806	RSE	49.64	17.71	1.59	8.12	9.55	7.16	10.91	3.13	0.26	1.15	0.16	0.17	<0.01	100.82	1.32
LC86-810	RNW	49.53	18.35	1.37	6.97	8.19	7.52	11.83	3.01	0.22	0.94	0.10	0.16	<0.02	100.50	1.02
LC86-828	CVF-P	51.37	17.83	1.72	6.19	7.74	7.75	10.37	2.77	0.62	1.01	0.22	0.14	0.85	99.96	1.02
LC86-829	CVF-P	51.51	17.24	1.63	5.87	7.33	9.20	10.42	2.57	0.61	0.71	0.12	0.13	0.18	100.44	0.82
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LC86-832	CVF-B	52.88	17.12	1.74	6.28	7.85	6.88	8.30	3.41	1.51	1.32	0.41	0.14	0.06	100.55	1.1
LC86-834	CVF-P	49.38	16.59	1.96	7.05	8.81	10.46	10.06	2.68	0.53	0.92	0.22	0.16	0.03	100.22	0.8
LC86-836	CVF-P	49.29	17.16	1.94	7.00	8.75	9.31	10.68	2.75	0.53	0.95	0.24	0.16	<0.01	101.01	0.9
LC86-838	CVF-TU	56.32	18.94	1.50	5.39	6.74	4.13	7.81	3.76	1.08	0.78	0.18	0.11	0.41	100.38	1.6
LC86-839	CVF-R	59.91	16.90	1.29	4.64	5.80	4.15	6.67	3.41	1.93	0.72	0.27	0.10	0.68	99.32	1.4
LC86-841	CVF-TU	55.65	19.09	1.49	5.37	6.72	4.47	8.30	3.63	0.99	0.74	0.15	0.11	0.35	100.14	1.5
LC86-843	CVF-C	54.69	19.04	1.56	5.62	7.03	4.95	8.50	3.47	1.08	0.80	0.16	0.12	0.19	99.35	1.4
LC86-844	CVF-C	54.55	18.98	1.56	5.60	7.01	5.01	8.62	3.54	1.07	0.79	0.16	0.12	0.10	100.71	1.4
LC86-845	CVF-CL	54.45	18.08	1.64	5.91	7.39	5.59	8.65	3.35	1.04	0.89	0.26	0.13	0.34	100.20	1.3
LC86-847	CVF-P	52.84	17.72	1.64	5.90	7.37	6.45	9.37	3.22	1.30	1.00	0.43	0.13	0.44	100.00	1.1
LC86-848	CVF-P	52.42	19.15	1.68	6.03	7.54	5.33	9.37	3.55	0.98	1.00	0.36	0.13	0.04	99.86	1.4
LC86-849	CVF-P	51.39	17.66	1.81	6.52	8.15	6.94	9.93	3.19	0.87	1.22	0.33	0.15	<0.01	100.94	1.1
LC86-865	DVC	74.97	13.71	0.33	1.19	1.49	0.45	1.45	3.66	3.93	0.23	0.05	0.03	0.56	98.53	3.3
LC86-869	DVC	71.55	14.94	0.52	1.86	2.32	1.03	2.76	4.00	2.84	0.35	0.10	0.05	1.30	97.90	2.2
LC86-872A	DVC	70.95	15.32	0.51	1.84	2.30	0.87	3.01	4.34	2.66	0.34	0.10	0.05	0.91	99.43	2.6
LC86-872B	DVC	53.89	20.84	1.34	4.82	6.02	4.05	8.22	3.87	1.46	1.02	0.35	0.15	2.78	97.95	1.4
LC86-879	LVC-R	65.72	16.97	0.76	2.74	3.42	1.81	4.66	4.42	2.26	0.45	0.15	0.06	1.62	98.14	1.8
LC86-883	LVC-B	64.95	16.19	0.87	3.14	3.92	2.84	5.05	4.02	2.23	0.49	0.16	0.07	1.98	98.58	1.3
LC86-886	DVC	60.58	17.26	1.12	4.03	5.04	3.28	6.26	4.08	2.29	0.70	0.32	0.08	0.65	98.33	1.5
LC86-891	LVC-TY	60.39	16.78	1.16	4.17	5.22	3.82	6.70	3.93	1.86	0.84	0.25	0.09	0.65	99.98	1.3
LC86-901	LVC-BV	58.58	17.28	1.31	4.72	5.90	4.56	7.14	3.85	1.40	0.83	0.22	0.10	0.65	100.05	1.2
LC86-910	LVC-BV	61.21	16.69	1.19	4.28	5.35	3.64	5.96	3.55	2.38	0.76	0.23	0.10	1.43	99.31	1.4
LC86-913	LVC-TY	61.63	16.62	1.14	4.11	5.14	3.49	6.59	3.74	1.79	0.63	0.16	0.09	0.93	99.10	1.4
LC86-920	LVC-TY	55.71	17.87	1.44	5.20	6.50	4.86	8.69	3.47	1.30	1.01	0.33	0.11	0.54	100.19	1.3
LC86-921	LVC-TY	64.99	16.10	0.86	3.09	3.86	2.58	5.19	3.98	2.33	0.60	0.21	0.07	1.25	99.12	1.5
LC86-922	LVC-TY	56.72	17.34	1.45	5.23	6.54	4.21	7.94	3.95	1.42	1.18	0.45	0.11	0.11	100.37	1.5
LC86-928	LVC-TY	54.44	16.58	1.63	5.88	7.35	6.85	7.61	3.82	1.43	1.24	0.39	0.12	<0.01	100.76	1.0
LC86-930	CVF-R	53.25	17.78	1.66	5.98	7.47	6.31	8.82	3.68	1.07	1.03	0.29	0.13	<0.01	100.77	1.1
LC86-931	CVF-R	52.08	16.79	1.65	5.92	7.40	8.85	9.62	3.09	0.84	0.84	0.20	0.13	0.10	100.70	0.8
LC86-942	LVC-E	68.36	15.66	0.72	2.59	3.24	1.77	3.77	3.93	2.58	0.43	0.11	0.07	0.25	99.90	1.8
LC86-942A	LVC-E	55.37	18.89	1.55	5.59	6.98	4.53	9.06	3.22	0.83	0.70	0.13	0.12	0.27	100.13	1.5
LC86-955A	LVC-TY	66.78	16.06	0.77	2.76	3.46	2.17	4.35	4.05	2.39	0.46	0.13	0.06	0.57	99.29	1.5
LC86-957	LVC-E	68.29	15.66	0.69	2.49	3.11	1.70	3.67	4.04	2.80	0.47	0.14	0.06	1.05	99.27	1.8
LC86-961	LVC-E	59.56	17.62	1.15	4.13	5.16	3.77	7.14	4.31	1.38	0.63	0.13	0.17	0.09	100.35	1.3
LC86-962	LVC-E	69.77	15.46	0.58	2.09	2.61	1.31	3.44	4.17	2.67	0.34	0.11	0.06	0.25	99.84	2.0
LC86-975	LVC-E	65.77	16.44	0.83	2.97	3.71	2.35	4.95	3.95	2.11	0.43	0.12	0.07	0.16	99.46	1.5
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LC86-988B	LVC-B	59.86	16.84	1.41	5.07	6.34	3.86	7.08	3.55	1.36	0.63	0.22	0.12	0.35	99.12	1.6
LC86-992	LVC-E	69.69	15.53	0.58	2.08	2.61	1.20	3.18	4.23	2.92	0.40	0.13	0.05	0.76	99.38	2.1
LC86-997	LVC-B	69.42	15.69	0.57	2.07	2.59	1.29	3.33	4.22	2.82	0.39	0.13	0.06	0.80	99.04	2.0
LC86-1011B	LVC-E	69.33	16.07	0.56	2.02	2.53	1.38	3.38	4.07	2.65	0.37	0.11	0.05	2.98	97.29	1.8
LC86-1045	LVC-R	73.31	14.37	0.43	1.56	1.94	0.79	2.35	3.40	3.34	0.32	0.09	0.04	2.79	96.88	2.4
LC86-1052	LVC-R	72.34	14.69	0.48	1.72	2.15	0.81	2.50	3.71	3.27	0.34	0.09	0.05	2.59	97.50	2.6
LC86-1053	LVC-R	71.14	15.17	0.52	1.88	2.35	1.03	2.94	3.85	2.96	0.35	0.10	0.05	2.36	97.76	2.3
LC87-1081	CVF-R	51.98	16.56	1.73	6.23	7.78	9.31	9.19	2.87	0.86	0.92	0.21	0.14	<0.01	100.35	0.8
LC87-1090	CVF-P	51.50	17.33	1.78	6.41	8.02	7.15	9.55	3.24	1.16	1.22	0.50	0.14	0.13	99.94	1.1
LC87-1107	CVF-C	54.31	19.80	1.48	5.34	6.67	5.16	8.85	3.33	0.86	0.64	0.10	0.12	0.25	100.57	1.2
LC87-1121	CVF-B	55.92	17.37	1.50	5.41	6.77	5.55	7.46	3.69	1.51	1.08	0.38	0.12	0.56	100.21	1.2
LC87-1144	LVC-TY	59.00	15.08	1.24	4.48	5.60	7.56	7.14	3.08	1.66	0.53	0.13	0.10	<0.01	99.98	0.7
LC87-1153	DVC	57.23	17.04	1.47	5.28	6.60	5.01	8.72	3.14	1.22	0.63	0.12	0.13	0.45	100.35	1.3
LC87-1159	LVC-TY	57.07	16.19	1.38	4.98	6.22	6.74	7.67	3.32	1.55	0.80	0.19	0.12	0.19	100.61	0.9
LC87-1160	LVC-TY	56.33	16.44	1.42	5.10	6.37	7.08	7.98	3.23	1.39	0.75	0.17	0.12	0.09	100.33	0.9
LC87-1166	CVF-R	53.04	18.11	1.72	6.19	7.74	5.86	7.99	3.71	1.48	1.31	0.44	0.14	<0.01	100.61	1.3
LC87-1175	RNW	59.85	17.29	1.23	4.42	5.53	4.17	6.84	3.79	1.46	0.66	0.20	0.09	<0.01	100.57	1.3
LC87-1181	LVC-BV	62.82	17.34	0.94	3.39	4.24	2.92	5.55	3.88	2.13	0.75	0.22	0.06	0.74	99.55	1.4
LC87-1186	LVC-BV	61.98	16.72	1.13	4.07	5.08	3.60	6.16	3.48	1.97	0.62	0.19	0.09	1.50	98.54	1.4
LC87-1191	LVC-BV	56.47	17.24	1.50	5.40	6.75	4.34	8.29	3.72	1.45	1.07	0.40	0.11	0.44	99.76	1.5
LC87-1193	LVC-BV	61.91	17.56	1.02	3.66	4.58	3.15	6.40	3.81	1.59	0.63	0.20	0.07	0.05	100.07	1.4
LC87-1194	LVC-BV	63.88	16.91	0.95	3.43	4.28	2.26	5.08	4.28	2.14	0.70	0.28	0.08	1.44	98.52	1.8
LC87-1194A	LVC-BV	57.06	17.77	1.36	4.89	6.11	4.26	8.57	3.52	1.37	0.77	0.30	0.11	1.33	99.02	1.4
LC87-1195	LVC-BV	65.33	16.66	0.88	3.18	3.98	1.76	4.46	4.54	2.18	0.68	0.25	0.07	0.47	99.39	2.2
LC87-1203	LVC-TY	63.22	17.70	0.92	3.33	4.16	2.77	5.92	3.88	1.53	0.51	0.14	0.07	0.91	99.22	1.5
LC87-1204	LVC-E	71.59	15.02	0.47	1.70	2.13	0.94	2.69	4.20	2.91	0.33	0.10	0.05	2.07	97.41	2.2
LC87-1205A	LVC-E	56.98	18.42	1.28	4.61	5.77	4.50	8.39	3.48	1.24	0.81	0.19	0.09	0.83	99.32	1.2
LC87-1211	LVC-TY	64.37	16.52	0.93	3.37	4.21	2.88	5.08	3.94	2.15	0.54	0.14	0.08	0.09	99.64	1.4
LC87-1211A	LVC-TY	58.31	18.00	1.31	4.70	5.88	4.45	7.34	3.57	1.40	0.67	0.14	0.10	0.06	100.50	1.3
LC87-1214	LVC-E	69.80	15.36	0.58	2.10	2.63	1.32	3.22	4.18	2.86	0.41	0.11	0.05	0.89	98.51	1.9
LC87-1230	LVC-B	65.68	16.27	0.88	3.18	3.98	2.25	4.81	3.87	2.31	0.52	0.15	0.07	0.19	99.92	1.7
LC87-1236	LVC-R	72.48	14.33	0.52	1.86	2.33	1.06	2.46	3.68	3.07	0.38	0.12	0.05	3.60	95.81	2.2
LC88-1250	LVC-R	74.67	14.16	0.32	1.14	1.42	0.36	1.85	3.64	3.46	0.25	0.10	0.04	2.99	96.15	3.9
LC88-1267	RNW	53.74	16.37	1.50	5.40	6.75	8.74	10.25	2.81	0.48	0.50	0.08	0.12	0.03	100.15	0.7
LC88-1281	LVC-E	53.65	19.57	1.63	5.89	7.36	4.67	9.98	2.84	0.87	0.67	0.10	0.13	0.12	99.25	1.5
LC88-1284A	LVC-E	53.57	18.87	1.77	6.38	7.97	4.75	9.66	2.98	1.00	0.78	0.11	0.14	0.36	99.82	1.6
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LC88-1322	RNW	48.21	17.47	1.57	8.02	9.43	9.43	11.18	2.74	0.13	0.99	0.10	0.16	<0.01	101.07	1.0
LC88-1327	CVF-C	53.72	19.65	1.56	5.61	7.02	5.28	9.16	3.37	0.75	0.67	0.10	0.12	0.14	100.39	1.3
LC88-1329	CVF-C	50.21	16.23	2.06	7.43	9.29	7.26	9.16	3.76	1.43	1.73	0.58	0.14	<0.01	100.61	1.2
LC88-1331	CVF-C	54.97	19.99	1.46	5.25	6.56	4.19	8.74	3.54	0.98	0.67	0.11	0.11	<0.01	100.63	1.5
LC88-1332	CVF-C	56.89	18.66	1.50	5.40	6.75	3.96	7.66	3.79	1.16	0.71	0.13	0.12	0.15	100.26	1.7
LC88-1348	CVF-C	54.38	19.43	1.49	5.37	6.71	5.37	8.94	3.36	0.84	0.62	0.09	0.11	<0.01	100.44	1.2
LC88-1370	MVC	63.25	17.45	1.07	3.85	4.81	2.01	5.28	4.60	1.60	0.60	0.20	0.10	0.15	99.56	2.4
LC88-1372	MVC	64.08	16.25	0.97	3.51	4.39	2.89	5.50	3.84	2.16	0.58	0.14	0.08	0.34	99.48	1.5
LC88-1373	MVC	64.46	16.72	0.88	3.17	3.96	3.07	5.67	4.02	1.30	0.47	0.16	0.08	0.96	99.01	1.2
LC88-1375	MVC	57.47	17.34	1.32	4.75	5.93	5.25	8.69	3.19	1.05	0.68	0.15	0.11	0.60	99.70	1.1
LC88-1382	MVC	61.26	16.93	1.10	3.95	4.93	4.19	6.55	3.87	1.32	0.56	0.18	0.09	0.58	99.68	1.1
LC88-1386	MVC	55.84	14.80	1.44	5.19	6.49	9.84	8.23	2.74	1.22	0.48	0.11	0.12	1.20	99.24	0.6
LC88-1387	MVC	63.36	16.17	1.00	3.59	4.48	3.19	5.50	3.83	2.47	0.61	0.22	0.07	0.67	99.35	1.4
LC88-1392	MVC	75.12	13.37	0.28	1.01	1.27	0.44	1.33	3.60	4.54	0.25	0.04	0.02	2.86	96.55	2.9
LC88-1393	MVC	59.08	15.38	1.35	4.85	6.06	6.44	7.14	3.15	1.72	0.67	0.12	0.10	0.57	99.38	0.9
LC88-1394	MVC	65.10	15.69	0.93	3.36	4.20	2.75	5.11	3.52	2.78	0.55	0.14	0.06	1.34	98.53	1.5
LC88-1402	RNW	48.10	17.90	1.58	8.03	9.45	8.75	11.40	2.72	0.17	1.08	0.10	0.17	<0.01	100.89	1.0
LC88-1403	RNW	48.13	17.74	1.58	8.08	9.51	8.59	11.46	2.84	0.19	1.10	0.12	0.17	<0.01	101.25	1.1
LC88-1408	LVC-TY	54.08	15.99	1.53	5.51	6.88	8.89	8.92	3.05	1.07	0.70	0.15	0.12	<0.01	100.65	0.7
LC88-1410	LVC-TY	57.45	16.70	1.43	5.17	6.46	5.19	8.12	3.56	1.25	0.85	0.16	0.12	0.46	99.96	1.2
LC88-1411	RNW-S	54.78	17.45	1.68	6.04	7.55	5.34	8.03	3.62	1.42	1.12	0.39	0.12	0.43	99.78	1.4
LC88-1413	DVC	55.04	17.24	1.61	5.80	7.25	5.71	9.78	3.08	0.84	0.64	0.12	0.13	0.21	100.39	1.2
LC88-1427	LVC-R	65.27	16.34	0.88	3.18	3.98	2.46	5.19	4.03	1.96	0.48	0.14	0.07	0.39	99.48	1.6
LC88-1440	LVC-E	66.55	15.86	0.82	2.96	3.69	2.37	4.62	3.88	2.31	0.44	0.12	0.07	0.30	99.95	1.5
LC88-1440A	LVC-E	55.59	16.76	1.51	5.45	6.81	6.54	9.35	3.05	0.89	0.61	0.12	0.12	0.20	100.26	1.0
LC88-1447	RNW	48.15	17.79	1.58	8.07	9.50	8.69	11.46	2.71	0.15	1.10	0.12	0.17	<0.01	100.37	1.0
LC88-1448A	LVC-E	57.21	19.00	1.34	4.83	6.04	3.70	7.81	3.97	1.00	0.82	0.21	0.10	1.25	98.94	1.6
LC88-1448B	LVC-E	55.33	18.72	1.33	4.80	6.00	5.28	9.34	3.33	0.81	0.80	0.16	0.10	0.99	98.84	1.1
LC89-1460	LVC-E	67.88	15.89	0.71	2.57	3.21	1.77	4.00	4.06	2.51	0.41	0.12	0.06	0.01	99.72	1.8
LC89-1460A	LVC-E	56.18	18.52	1.49	5.36	6.70	4.53	8.80	3.27	0.95	0.67	0.12	0.11	0.01	100.46	1.4
LC89-1466	LVC-E	55.89	17.78	1.42	5.11	6.39	5.71	8.35	3.23	1.38	0.77	0.22	0.11	0.95	98.96	1.1
LC89-1474	LVC-B	68.94	15.64	0.62	2.24	2.80	1.39	3.42	4.31	2.83	0.42	0.13	0.06	1.11	98.74	2.0
LC89-1512	LVC-E	52.55	19.23	1.73	6.23	7.79	5.24	10.47	2.98	0.61	0.72	0.09	0.14	0.27	100.03	1.4
LC89-1514	LVC-B	66.32	15.95	0.86	3.10	3.87	2.10	4.54	3.98	2.42	0.51	0.15	0.07	0.09	99.41	1.8
LC89-1514A	LVC-B	55.58	18.86	1.50	5.40	6.75	4.14	8.64	3.53	1.20	0.80	0.24	0.11	0.30	99.73	1.6
LC89-1528A	LVC-E	55.28	18.19	1.54	5.56	6.95	5.17	9.28	3.09	0.98	0.67	0.13	0.12	0.08	100.66	1.3
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LC90-1555	RNW-S	58.45	17.12	1.41	5.06	6.33	4.43	7.00	3.63	1.66	0.83	0.30	0.11	0.60	99.27	1.4
LC91-1571	MVC	62.86	16.30	1.09	3.92	4.90	3.44	5.63	3.27	2.57	0.64	0.18	0.10	1.70	97.95	1.4
LC91-1578	MVC	62.64	17.05	0.99	3.57	4.46	3.28	6.31	3.94	1.28	0.63	0.23	0.09	0.37	99.35	1.3
LC91-1583	MVC	61.23	15.36	1.16	4.19	5.24	5.03	6.94	2.97	2.28	0.60	0.13	0.10	2.34	97.32	1.0
LC91-1604	MVC	63.82	16.01	1.00	3.58	4.48	3.22	5.60	3.67	2.19	0.63	0.18	0.09	1.39	98.30	1.3
LC91-1606	MVC	62.02	16.14	1.18	4.23	5.29	3.62	6.27	3.78	1.79	0.70	0.17	0.10	1.06	98.81	1.4
LC91-1608	MVC	65.98	16.76	0.87	3.14	3.93	2.65	3.42	3.60	2.80	0.53	0.16	0.08	3.08	95.65	1.4
LC91-1609	MVC	58.25	17.67	1.36	4.88	6.11	4.70	7.54	3.72	0.94	0.64	0.18	0.12	0.57	99.42	1.3
LC91-1611	MVC	64.81	15.55	1.02	3.68	4.60	2.79	5.01	3.94	2.29	0.67	0.16	0.09	0.41	99.28	1.6
LC91-1613	RSE	55.52	17.47	1.52	5.46	6.83	6.14	8.87	3.39	0.62	0.71	0.15	0.13	0.16	100.05	1.1
LC92-1621	MVC	65.59	16.58	0.80	2.87	3.59	2.60	5.72	3.70	1.35	0.53	0.19	0.08	3.02	96.65	1.3
LC92-1642	MVC	54.50	16.42	1.61	5.80	7.25	7.83	8.87	3.05	0.86	0.77	0.16	0.14	0.29	99.76	0.9
LC92-1644	MVC	56.01	18.33	1.51	5.43	6.79	4.45	8.52	3.59	1.08	0.74	0.20	0.14	0.39	99.70	1.5
LC92-1645	MVC	64.01	16.33	0.90	3.24	4.05	3.47	6.16	3.81	1.25	0.57	0.18	0.08	1.09	98.76	1.1
LC92-1660	MVC	59.19	14.07	1.43	5.13	6.41	7.80	7.45	2.86	1.30	0.53	0.12	0.13	0.49	99.94	0.8
LC92-1662	MVC	57.93	16.69	1.29	4.65	5.81	6.07	7.73	3.50	1.21	0.63	0.18	0.11	0.25	99.78	0.9
LC92-1690	RNW-T	55.85	18.18	1.52	5.47	6.84	4.67	7.71	3.61	1.53	0.99	0.36	0.12	0.44	99.07	1.4
LC92-1692	RNW-T	55.57	18.22	1.52	5.49	6.86	4.46	7.80	3.80	1.54	1.06	0.41	0.12	0.35	99.40	1.5
LC92-1717	RNW	55.18	17.15	1.49	5.36	6.70	7.30	8.37	3.20	0.97	0.67	0.18	0.13	0.56	99.72	0.9
LC92-1720	RNW	50.56	17.56	1.45	7.38	8.69	8.33	9.33	3.17	0.66	1.11	0.29	0.16	0.06	100.50	1.0
LC92-1757	RNW-S	60.69	17.28	1.23	4.41	5.52	3.25	6.44	3.73	1.85	0.73	0.28	0.10	0.86	98.85	1.7
LC93-1807	RNW	55.85	15.88	1.48	5.31	6.64	7.97	8.85	2.80	0.91	0.66	0.16	0.12	0.64	99.42	0.8
LC93-1810	RNW	56.24	15.72	1.46	5.24	6.55	7.98	8.61	2.92	0.89	0.66	0.17	0.12	0.38	99.80	0.8
LC93-1863	MVC	74.25	13.83	0.32	1.16	1.46	0.49	1.59	3.62	4.35	0.28	0.06	0.03	0.55	98.44	2.9
LC93-1866	DVC	58.40	16.90	1.39	5.02	6.28	5.04	6.91	3.57	1.62	0.82	0.21	0.11	0.18	99.36	1.2
LC93-1872	MVC	74.07	14.03	0.33	1.20	1.50	0.48	1.57	3.37	4.55	0.29	0.06	0.03	2.35	97.06	3.1
LC93-1877	MVC	58.00	18.08	1.27	4.59	5.73	4.50	7.73	3.35	1.49	0.69	0.18	0.11	0.81	98.95	1.2
LC93-1962	LVC-E	55.63	18.61	1.53	5.49	6.87	4.70	9.04	2.95	1.14	0.66	0.11	0.13	0.56	98.92	1.4
LC93-1963A	LVC-E	56.12	18.81	1.52	5.49	6.86	4.23	8.71	3.11	1.08	0.68	0.12	0.13	0.01	99.50	1.6
LC93-1970	RSE	49.27	18.85	1.53	7.78	9.15	7.92	10.55	2.67	0.16	0.99	0.11	0.16	1.36	98.47	1.1
LC93-1980	ROC	48.51	17.65	1.62	8.25	9.71	8.75	10.69	2.73	0.25	1.20	0.16	0.18	0.01	100.07	1.1
LC94-2051	RSE	48.88	17.90	1.50	7.63	8.97	8.97	11.06	2.65	0.19	0.93	0.13	0.16	0.01	100.26	1.0
LC95-2190	LVC-TY	57.06	15.64	1.34	4.81	6.01	7.92	7.88	3.06	1.41	0.62	0.14	0.12	0.00	99.44	0.7
LC96-2218	LVC-TY	56.35	16.29	1.40	5.04	6.30	7.31	7.69	3.34	1.45	0.79	0.22	0.12	0.27	99.49	0.8
LC97-2265	LVC-TY	55.05	16.94	1.49	5.37	6.72	7.18	8.20	3.32	1.28	0.85	0.20	0.12	-0.16	99.75	0.9
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LC97-2293	LVC-B	66.54	16.43	0.77	2.76	3.45	2.06	4.37	3.99	2.36	0.50	0.13	0.07	1.51	97.71	1.6
LC97-2298	LVC-E	58.58	17.99	1.26	4.52	5.65	4.14	7.39	3.47	1.50	0.79	0.26	0.11	0.85	98.29	1.3
LC00-2351	RNW	59.30	17.44	1.32	4.76	5.95	3.79	6.77	3.40	1.94	0.81	0.35	0.12	0.56	99.17	1.5
LC00-2352	LVC-E	68.35	15.81	0.71	2.55	3.19	1.74	3.91	3.75	2.51	0.43	0.16	0.07	0.16	100.21	1.8
LC02-2389	RNW-T	56.30	17.68	1.46	5.25	6.57	5.55	7.33	3.63	1.47	0.87	0.34	0.12	0.55	98.98	1.1
LC02-2393	LVC-E	58.92	17.25	1.30	4.69	5.87	4.63	7.82	3.31	1.25	0.60	0.11	0.11	0.45	99.63	1.2
LC02-2394	LVC-E	57.55	17.99	1.32	4.74	5.92	4.61	7.53	3.52	1.46	0.82	0.35	0.11	0.81	98.34	1.2
LC02-2395	LVC-B	69.33	15.53	0.61	2.19	2.73	1.26	3.11	4.29	3.00	0.47	0.14	0.07	1.24	98.75	2.1
LC02-2397A	LVC-E	55.51	18.50	1.44	5.19	6.49	5.10	8.23	3.31	1.34	0.92	0.35	0.11	1.56	98.39	1.2
LC03-2404	RNW	49.49	17.54	1.44	7.36	8.66	9.12	10.58	2.76	0.35	0.98	0.21	0.16	-0.06	100.03	0.9
LF01-005	LVC-BV	56.84	15.75	1.41	5.07	6.34	7.50	8.37	3.07	1.01	0.67	0.20	0.11	0.23	99.61	0.8
LF01-007	LVC-BV	54.03	17.00	1.59	5.73	7.17	7.70	8.76	3.11	0.91	0.79	0.25	0.13	0.31	99.47	0.9
LF01-008	LVC-BV	56.05	17.84	1.52	5.49	6.86	5.38	7.85	3.49	1.16	0.85	0.25	0.12	0.28	99.27	1.2
LF01-009	LVC-BV	57.43	17.14	1.43	5.16	6.45	5.04	7.22	3.63	1.59	0.91	0.32	0.12	0.74	98.59	1.2
LF01-016	LVC-BV	61.97	17.43	1.04	3.75	4.69	3.18	6.12	3.88	1.63	0.68	0.22	0.09	0.12	99.65	1.4
LF01-017	LVC-BV	66.05	16.77	0.86	3.10	3.87	1.52	3.80	4.58	2.26	0.72	0.27	0.07	0.89	98.14	2.5
LF01-018	LVC-BV	61.71	17.55	1.06	3.83	4.78	3.24	6.24	3.86	1.55	0.66	0.21	0.09	0.19	99.59	1.4
LF01-019	LVC-BV	60.39	17.28	1.23	4.44	5.54	3.22	6.57	3.87	1.77	0.82	0.30	0.10	0.90	98.85	1.7
LF01-020	LVC-BV	55.48	17.81	1.52	5.48	6.85	5.59	7.66	3.73	1.25	1.06	0.30	0.11	0.70	98.28	1.2
LF01-021	LVC-BV	60.13	17.01	1.27	4.56	5.69	3.81	6.34	3.87	1.81	0.83	0.28	0.11	0.65	99.29	1.5
LF01-024	LVC-BV	59.43	17.33	1.25	4.49	5.62	4.35	6.89	3.45	1.67	0.75	0.28	0.10	1.24	98.58	1.2
LF01-048	LVC-BV	59.22	17.26	1.27	4.59	5.73	4.36	7.05	3.27	1.86	0.75	0.28	0.11	1.36	98.44	1.3
LF01-049	LVC-BV	58.07	17.13	1.39	5.00	6.25	4.72	6.88	3.38	1.97	1.00	0.35	0.11	1.60	98.01	1.3
LF01-050	LVC-BV	59.33	17.36	1.24	4.48	5.60	4.32	6.96	3.40	1.75	0.77	0.29	0.11	1.36	98.42	1.3
LF01-051	LVC-BV	59.46	17.34	1.24	4.46	5.57	4.26	6.92	3.39	1.80	0.76	0.28	0.10	1.28	98.53	1.3
LF01-052	LVC-BV	60.04	17.89	1.10	3.95	4.94	4.02	7.17	3.69	1.19	0.66	0.20	0.09	0.29	99.37	1.2
LF01-053	LVC-BV	54.64	16.91	1.64	5.90	7.37	6.73	7.68	3.61	1.36	1.05	0.35	0.13	<0.01	100.02	1.1
LK88-49	ROC	51.64	16.71	1.86	6.69	8.36	8.58	9.25	3.13	0.80	0.94	0.25	0.15	<0.01	100.66	0.9
LK88-54	CVF-I	52.69	17.26	1.79	6.46	8.07	6.79	7.92	3.82	1.36	1.25	0.50	0.14	<0.01	100.36	1.1
LK88-61	ROC	54.84	17.61	1.62	5.85	7.31	5.39	7.86	3.66	1.53	1.07	0.43	0.13	0.25	100.02	1.3
LK88-72	ROC	55.02	17.54	1.62	5.84	7.30	5.40	7.76	3.74	1.46	1.07	0.42	0.13	0.01	100.43	1.3
LK88-89	CVF-R	52.25	17.15	1.69	6.08	7.60	7.74	9.77	3.11	0.87	0.96	0.26	0.13	<0.01	100.97	0.9
LL85-58	CVF-R	59.60	17.09	1.28	4.60	5.75	4.22	6.85	3.64	1.66	0.68	0.27	0.10	0.05	99.83	1.3
LL85-61	CVF-R	52.10	17.00	1.71	6.16	7.70	7.93	9.72	3.14	0.88	0.96	0.26	0.14	0.01	100.53	0.9
LL85-64	CVF-R	56.33	18.41	1.39	5.00	6.26	4.17	7.74	4.00	1.57	0.82	0.44	0.12	0.32	100.10	1.5
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DATA

Clynne Chemistry Locations

LL85-370	CVF-BT	51.54	15.94	1.88	6.78	8.47	8.66	8.72	3.45	1.14	1.29	0.43	0.14	0.17	100.48	0.9
LL85-613	CVF-C	55.29	19.33	1.54	5.54	6.92	4.18	8.38	3.83	0.96	0.72	0.12	0.12	0.01	100.81	1.6
LL85-667	CVF-C	50.01	16.20	2.08	7.49	9.36	7.24	9.04	3.95	1.48	1.78	0.58	0.15	0.01	100.63	1.2
LL85-680	CVF-C	52.78	16.79	1.73	6.24	7.80	7.86	9.54	3.14	0.79	0.82	0.17	0.14	0.05	100.63	0.9
LL85-681	CVF-C	53.96	19.81	1.51	5.43	6.78	5.09	9.04	3.46	0.84	0.65	0.10	0.11	0.28	99.67	1.3
LL85-743	ROC	48.90	18.56	1.42	7.24	8.52	8.02	11.58	2.82	0.27	0.89	0.14	0.16	0.22	101.09	1.0
LM79-369	LVC-BV	55.44	17.07	1.60	5.76	7.20	6.12	7.56	3.45	1.54	1.05	0.28	0.13	0.29	54.90	1.1
LM79-422	DVC	59.64	15.94	1.26	4.52	5.66	4.42	7.00	3.56	2.42	0.81	0.34	0.10	0.24	100.27	1.2
LM79-433	RSE	61.18	16.93	1.11	3.99	4.99	4.20	6.97	3.99	0.86	0.57	0.11	0.08	0.44	99.66	1.1
LM79-468	MVC	75.46	13.16	0.28	1.02	1.28	0.38	1.16	3.79	4.44	0.26	0.04	0.01	2.48	97.39	3.3
LM79-469	MVC	75.40	13.26	0.28	1.01	1.27	0.40	1.16	3.58	4.61	0.24	0.04	0.01	2.24	98.13	3.1
LM80-814	RSE	55.55	16.95	1.53	5.50	6.88	5.95	7.75	3.78	1.56	1.00	0.31	0.12	0.16	100.34	1.1
LM80-824	LVC-BV	60.22	17.25	1.25	4.50	5.62	3.62	6.24	3.73	2.07	0.81	0.21	0.10	0.14	99.63	1.9
LM80-830	LVC-BV	59.63	17.25	1.27	4.58	5.73	3.99	6.45	3.85	1.87	0.78	0.24	0.09	0.41	99.61	1.4
LM80-854	LVC-BV	60.10	18.05	1.07	3.86	4.83	4.01	7.27	3.60	1.16	0.63	0.16	0.08	0.26	99.59	1.2
LM80-855	LVC-B	69.35	15.87	0.58	2.10	2.62	1.21	2.88	4.35	3.05	0.44	0.10	0.05	0.69	99.15	2.1
LM80-867	RSE	48.67	17.75	1.56	7.93	9.33	8.04	11.37	3.02	0.24	1.05	0.21	0.17	0.34	101.15	1.1
LM80-873	LVC-BV	55.19	15.90	1.50	5.41	6.77	7.95	9.24	3.05	0.82	0.66	0.16	0.12	0.49	100.63	0.8
LM80-875	LVC-BV	59.88	16.89	1.26	4.54	5.68	4.18	6.36	3.84	1.92	0.79	0.24	0.10	0.29	100.54	1.3
LM80-876	LVC-BV	57.08	17.14	1.46	5.26	6.58	5.18	7.24	3.77	1.58	0.88	0.28	0.11	0.40	99.74	1.2
LM80-884	LVC-BV	56.64	17.14	1.50	5.41	6.77	4.34	7.86	3.99	1.55	1.07	0.37	0.11	0.25	100.35	1.9
LM80-899	LVC-B	69.42	15.79	0.58	2.11	2.63	1.11	2.88	4.46	3.04	0.46	0.10	0.05	0.66	68.60	2.3
LM80-901	LVC-B	69.81	15.56	0.55	1.97	2.46	1.11	2.80	4.46	3.17	0.42	0.10	0.05	0.98	99.20	2.2
LM80-908	RSE	49.58	17.86	1.54	7.83	9.21	7.44	10.94	3.14	0.31	1.04	0.16	0.16	<0.01	100.51	1.2
LM80-910	RSE	57.43	17.64	1.40	5.04	6.30	4.65	7.68	3.78	1.25	0.77	0.24	0.12	0.24	100.33	1.3
LM80-913	RSE	55.83	17.97	1.48	5.31	6.64	5.12	8.24	3.59	1.18	0.86	0.30	0.12	0.64	99.64	1.3
LM81-1117A	LVC-BV	61.37	17.15	1.19	4.27	5.34	3.27	5.84	3.76	2.06	0.77	0.22	0.09	1.34	98.22	1.6
LM81-1146	RNW	52.76	16.78	1.67	6.02	7.53	8.36	10.01	2.71	0.73	0.68	0.12	0.14	0.24	100.04	0.9
LM82-1274	RSE	48.55	17.99	1.57	8.00	9.41	7.96	11.16	3.03	0.22	1.12	0.24	0.17	0.31	100.37	1.1
LM82-1276	DVC	62.45	17.48	1.00	3.62	4.52	2.81	5.86	3.83	2.09	0.62	0.15	0.08	0.69	99.35	1.6
LM82-1282	RSE	48.74	17.95	1.52	7.75	9.12	8.32	11.23	2.87	0.24	1.00	0.20	0.16	0.11	100.57	1.1
LM82-1286B	RSE	48.12	18.01	1.55	7.88	9.27	9.20	11.10	2.76	0.15	0.96	0.10	0.17	<0.01	100.84	1.0
LM87-1333	CVF-CL	50.80	17.47	1.80	6.49	8.11	7.75	9.11	3.45	1.14	1.48	0.37	0.14	<0.01	100.92	1.0
LM87-1351	CVF-C	55.39	18.53	1.50	5.39	6.73	5.35	8.15	3.65	1.00	0.76	0.18	0.12	<0.01	100.98	1.2
LM87-1360	CVF-C	50.41	16.93	1.93	6.94	8.67	8.54	9.03	3.42	0.94	1.34	0.39	0.15	<0.01	101.16	1.0
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Clynne Chemistry Locations

LM87-1434	CVF-R	52.45	17.19	1.68	6.07	7.58	7.68	9.46	3.15	0.92	0.98	0.28	0.14	<0.01	101.34	0.9
LM87-1442	CVF-R	52.10	16.51	1.76	6.33	7.91	9.56	9.10	2.90	0.64	0.84	0.14	0.14	<0.01	101.28	0.8
LM87-1443	RNW	56.34	18.28	1.43	5.16	6.45	4.65	8.21	3.45	1.28	0.84	0.23	0.12	0.51	100.14	1.3
LM87-1467	CVF-S	52.71	18.14	1.72	6.18	7.72	6.32	8.84	3.44	1.17	1.04	0.32	0.14	<0.01	101.04	1.2
LM87-1503	CVF-R	60.32	17.00	1.26	4.55	5.69	3.94	6.50	3.53	1.85	0.68	0.25	0.11	0.11	100.48	1.4
LM87-1530	CVF-R	52.36	17.29	1.74	6.26	7.82	7.03	9.15	3.32	1.15	1.23	0.33	0.14	<0.01	100.77	1.1
LM87-1547	CVF-S	51.40	17.80	1.78	6.42	8.03	6.82	9.49	3.56	0.95	1.15	0.48	0.14	<0.01	100.12	1.1
LM87-1548	CVF-S	52.29	16.70	1.77	6.38	7.97	7.04	8.65	3.69	1.49	1.42	0.44	0.14	<0.01	100.73	1.1
LM87-1549	RNW	60.53	17.11	1.21	4.37	5.46	3.73	6.53	3.38	2.22	0.64	0.19	0.10	0.80	99.28	1.4
LM88-1596	RNW	57.63	18.27	1.35	4.88	6.09	4.04	7.85	3.37	1.54	0.75	0.21	0.11	0.60	99.62	1.5
LM88-1597	RNW	58.19	19.90	1.18	4.24	5.30	3.20	7.89	3.62	0.98	0.57	0.14	0.09	0.59	99.45	1.6
LM88-1609	CVF-C	54.79	19.33	1.49	5.36	6.70	5.12	8.84	3.34	0.89	0.63	0.10	0.11	<0.01	100.43	1.3
LM88-1611	CVF-C	55.67	18.92	1.56	5.62	7.02	4.53	7.95	3.65	1.05	0.80	0.13	0.12	0.05	100.50	1.5
LM88-1614A	CVF-BT	51.65	17.42	1.86	6.70	8.37	7.00	7.79	3.98	1.37	1.61	0.48	0.14	-0.23	100.06	1.2
LM88-1615	CVF-TU	53.06	19.60	1.51	5.42	6.77	5.57	9.74	3.31	0.79	0.75	0.15	0.11	0.26	100.11	1.2
LM88-1616	CVF-BT	52.57	16.51	1.78	6.39	7.99	8.07	8.70	3.39	1.04	1.09	0.31	0.15	-0.05	100.01	0.9
LM88-1619	CVF-BT	51.94	16.18	1.86	6.69	8.36	7.87	8.89	3.40	1.23	1.36	0.45	0.14	<0.01	100.86	1.0
LM88-1635A	CVF-C	55.51	17.47	1.62	5.83	7.28	5.24	7.71	3.63	1.45	1.03	0.39	0.13	0.10	100.27	1.3
LM88-1684	CVF-C	54.53	19.31	1.50	5.39	6.74	5.22	8.91	3.33	0.91	0.66	0.12	0.12	0.06	100.54	1.2
LM88-1702	CVF-C	53.45	19.76	1.56	5.60	7.00	5.66	9.19	3.28	0.68	0.62	0.09	0.12	0.15	100.34	1.2
LM88-1707	ROC	51.68	17.36	1.82	6.55	8.19	7.33	9.18	3.27	1.12	1.21	0.32	0.14	0.20	100.37	1.1
LM88-1712	ROC	56.52	17.44	1.50	5.39	6.74	5.56	7.41	3.59	1.35	0.86	0.27	0.12	0.10	100.39	1.2
LM88-1724	CVF-TU	55.12	19.04	1.53	5.50	6.87	4.80	8.47	3.64	0.90	0.74	0.15	0.11	0.21	100.39	1.4
LM88-1725	CVF-TU	55.06	19.05	1.53	5.52	6.89	4.85	8.48	3.63	0.88	0.75	0.15	0.11	<0.01	100.87	1.4
LM88-1730	ROC	57.17	17.26	1.45	5.22	6.52	5.16	7.22	3.71	1.52	0.88	0.30	0.11	<0.01	100.80	1.2
LM88-1737	ROC	53.11	18.01	1.82	6.55	8.19	6.11	8.47	3.51	0.97	1.03	0.26	0.15	<0.01	100.70	1.3
LM88-1744	CVF-I	52.89	17.86	1.73	6.23	7.79	6.06	8.17	3.76	1.44	1.32	0.42	0.13	<0.01	100.91	1.2
LM88-1777	CVF-I	53.09	17.90	1.72	6.19	7.74	5.94	8.04	3.85	1.44	1.29	0.42	0.13	<0.01	100.71	1.3
LM88-1799	CVF-R	53.61	17.67	1.75	6.29	7.86	5.84	8.01	3.64	1.39	1.20	0.47	0.14	<0.01	100.87	1.3
LM88-1803	CVF-R	53.19	17.10	1.75	6.30	7.87	6.82	8.20	3.55	1.40	1.19	0.36	0.14	<0.01	100.71	1.1
LM88-1809	CVF-R	55.49	17.33	1.57	5.66	7.07	5.37	8.21	3.55	1.39	0.94	0.36	0.13	<0.01	101.01	1.3
LM88-1818	CVF-C	53.54	18.25	1.62	5.82	7.27	7.43	8.63	3.12	0.79	0.60	0.09	0.12	<0.01	100.94	0.9
LM88-1826	CVF-C	53.78	18.92	1.59	5.74	7.17	6.18	8.86	3.27	0.80	0.64	0.10	0.12	<0.01	101.95	1.1
LM89-1873	LVC-E	66.21	16.17	0.80	2.88	3.60	2.45	4.83	3.91	2.14	0.42	0.11	0.07	0.60	99.25	1.4
LM90-1909	ROC	54.72	17.97	1.63	5.87	7.33	5.37	8.05	3.42	1.54	0.94	0.36	0.13	0.28	99.70	1.3
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Clynne Chemistry Locations

LM90-1925	CVF-P	52.75	18.52	1.71	6.15	7.69	5.31	9.34	3.59	1.03	1.06	0.40	0.13	<0.01	100.01	1.4
LM90-1927	CVF-P	52.12	18.41	1.71	6.16	7.70	5.57	8.72	3.91	1.36	1.42	0.47	0.14	<0.01	100.07	1.3
LM90-1928	CVF-P	52.96	19.18	1.67	6.01	7.52	4.67	8.94	3.84	1.11	1.07	0.44	0.13	0.12	99.12	1.6
LM90-1940	ROC	54.30	20.48	1.37	4.92	6.15	4.75	9.22	3.30	0.83	0.61	0.11	0.10	0.10	100.53	1.3
LM90-1942	ROC	52.16	18.49	1.69	6.09	7.61	5.50	8.71	3.95	1.36	1.43	0.48	0.14	<0.01	100.17	1.3
LM90-1946	CVF-P	52.31	18.11	1.75	6.31	7.89	5.55	9.51	3.59	1.09	1.18	0.47	0.14	<0.01	100.11	1.4
LM90-1951	CVF-P	52.06	17.29	1.80	6.48	8.11	6.26	9.81	3.46	1.06	1.17	0.47	0.14	<0.01	100.21	1.2
LM90-1956	ROC	63.53	16.57	1.01	3.64	4.56	2.79	5.72	3.32	2.66	0.52	0.14	0.08	0.89	98.77	1.6
LM90-1957	CVF-P	51.38	18.73	1.73	6.25	7.81	5.94	10.52	3.30	0.72	1.02	0.26	0.15	0.01	100.53	1.3
LM90-1958	CVF-P	50.47	17.46	1.87	6.75	8.43	8.32	9.98	2.99	0.76	0.98	0.26	0.15	0.01	100.41	1.0
LM90-1979	CVF-P	52.21	17.03	1.75	6.31	7.89	6.72	9.16	3.50	1.31	1.32	0.56	0.13	0.16	99.34	1.1
LM90-1980A	CVF-P	49.01	16.71	1.99	7.17	8.96	10.27	10.17	2.69	0.57	0.98	0.29	0.16	-0.11	100.15	0.8
LM90-1981	CVF-P	52.47	17.19	1.68	6.04	7.55	6.56	9.35	3.55	1.26	1.24	0.53	0.13	0.01	100.15	1.1
LM90-1985	CVF-P	52.45	18.32	1.72	6.20	7.75	5.50	9.48	3.59	1.07	1.10	0.44	0.13	0.07	100.02	1.4
LM90-2009	CVF-P	50.31	17.21	1.96	7.04	8.80	5.78	10.33	3.77	1.10	1.65	0.71	0.15	-0.05	99.56	1.5
LM90-2012	CVF-P	53.21	19.15	1.67	6.00	7.50	4.59	8.80	3.83	1.11	1.07	0.44	0.13	0.19	99.33	1.6
LM90-2018	ROC	63.38	17.38	0.95	3.41	4.26	2.41	5.81	3.48	2.53	0.46	0.13	0.07	1.19	98.19	1.7
LM90-2034	CVF-P	51.05	17.05	1.85	6.67	8.34	8.46	9.20	3.09	0.98	1.18	0.31	0.15	<0.01	100.44	0.9
LM90-2038	CVF-P	50.41	16.87	2.01	7.23	9.04	5.80	10.14	3.72	1.26	1.73	0.68	0.15	0.01	100.38	1.5
LM90-2045	CVF-P	50.62	17.91	1.85	6.68	8.35	7.09	10.10	3.23	0.83	1.21	0.33	0.15	<0.01	100.71	1.1
LM90-2046	CVF-P	53.46	17.35	1.61	5.80	7.25	6.67	8.82	3.27	1.50	0.98	0.40	0.13	0.16	99.77	1.0
LM90-2051	CVF-P	51.28	17.26	1.81	6.52	8.15	8.12	9.02	3.20	1.08	1.22	0.35	0.15	-0.01	99.20	1.0
LM90-2070	CVF-P	50.37	16.19	2.09	7.53	9.41	6.13	9.88	3.66	1.45	1.82	0.72	0.15	0.01	100.29	1.5
LM90-2072	CVF-P	52.32	17.24	1.73	6.24	7.79	7.03	9.26	3.31	1.18	1.18	0.39	0.14	0.19	99.30	1.1
LM90-2078	CVF-P	50.25	16.88	1.98	7.13	8.91	6.57	10.45	3.54	0.97	1.50	0.57	0.15	0.01	100.29	1.3
LM90-2081	CVF-P	52.40	17.33	1.72	6.20	7.75	6.99	9.30	3.18	1.14	1.20	0.41	0.13	0.20	99.35	1.1
LM90-2093	CVF-P	52.56	16.88	1.64	5.92	7.40	7.71	10.05	3.02	0.87	0.95	0.25	0.13	<0.01	100.16	0.9
LM90-2100	CVF-P	50.58	16.59	2.05	7.38	9.23	5.67	9.82	3.73	1.49	1.82	0.72	0.14	<0.01	100.27	1.6
LM90-2101	CVF-CL	54.09	18.30	1.63	5.86	7.33	5.74	8.59	3.37	1.17	0.86	0.26	0.13	0.06	100.11	1.2
LM91-2104	CVF-P	50.79	17.73	1.83	6.59	8.24	7.88	9.83	3.16	0.78	0.98	0.27	0.16	<0.01	100.56	1.0
LM91-2110	ROC	53.04	17.21	1.68	6.06	7.57	7.21	8.65	3.33	1.34	0.95	0.39	0.14	0.17	99.46	1.0
LM91-2116	CVF-P	51.17	17.09	1.63	5.88	7.36	10.15	9.84	2.64	0.60	0.70	0.14	0.14	0.14	100.13	0.7
LM91-2117	ROC	52.11	18.14	1.77	6.36	7.96	6.81	8.70	3.38	1.14	1.12	0.32	0.15	0.01	99.92	1.1
LM91-2128	CVF-P	52.79	17.13	1.60	5.75	7.18	7.60	9.90	3.01	0.93	0.92	0.24	0.14	0.01	99.89	0.9
LM91-2130	CVF-P	49.96	16.15	1.76	6.35	7.94	12.24	9.64	2.39	0.55	0.68	0.13	0.15	0.01	100.39	0.6
																0.9

DATA

Clynne Chemistry Locations

LM91-2160	CVF-P	52.17	17.59	1.65	5.94	7.43	7.71	9.94	2.90	0.75	0.96	0.24	0.14	0.13	100.13	0.9
LM91-2179	RNW	49.16	18.07	1.49	7.59	8.93	8.44	10.70	2.84	0.33	1.03	0.17	0.17	0.19	99.89	1.0
LM91-2180	ROC	53.32	17.10	1.69	6.07	7.59	7.25	7.84	3.54	1.46	1.19	0.40	0.14	0.15	100.07	1.0
LM91-2183	CVF-P	53.05	18.46	1.68	6.03	7.54	5.22	9.08	3.76	1.07	1.08	0.43	0.14	0.01	99.82	1.4
LM91-2197	ROC	58.41	16.92	1.45	5.22	6.53	4.24	6.86	3.65	1.88	0.89	0.35	0.13	<0.01	99.87	1.5
LM91-2233	CVF-C	53.89	20.21	1.49	5.36	6.71	4.99	8.94	3.40	0.82	0.65	0.12	0.12	<0.01	100.05	1.3
LM91-2247	CVF-C	55.63	19.21	1.54	5.53	6.91	4.25	7.92	3.82	1.00	0.80	0.19	0.12	<0.01	100.02	1.6
LM91-2249	CVF-C	55.51	19.31	1.52	5.47	6.84	4.29	8.03	3.77	1.00	0.80	0.18	0.12	0.26	99.51	1.6
LM91-2255	CVF-C	55.59	19.17	1.53	5.50	6.87	4.28	8.00	3.82	0.99	0.81	0.20	0.12	<0.01	99.73	1.6
LM91-2258	CVF-C	55.26	19.43	1.50	5.40	6.75	4.40	8.22	3.74	0.94	0.80	0.19	0.12	<0.01	99.94	1.5
LM91-2276	ROC	52.49	19.41	1.68	6.05	7.57	5.53	8.98	3.60	0.85	0.95	0.31	0.14	<0.01	100.11	1.3
LM92-2295	CVF-C	52.88	20.24	1.54	5.53	6.92	5.77	9.19	3.22	0.76	0.64	0.11	0.12	<0.01	99.90	1.2
LM91-2328	CVF-C	53.01	19.78	1.58	5.70	7.13	5.61	8.89	3.43	0.89	0.78	0.18	0.13	<0.01	100.24	1.2
LM91-2341	CVF-C	53.42	18.68	1.60	5.75	7.19	7.46	8.27	3.18	0.76	0.62	0.12	0.13	<0.01	100.23	0.9
LM91-2342	CVF-C	54.01	19.61	1.52	5.47	6.84	5.36	8.85	3.38	0.90	0.65	0.12	0.12	<0.01	100.03	1.2
LM91-2346	ROC	52.65	17.99	1.74	6.26	7.83	6.69	8.58	3.49	1.02	1.06	0.37	0.14	0.13	99.64	1.1
LM91-2350	ROC	48.84	19.70	1.31	6.67	7.84	7.97	11.56	2.72	0.21	0.76	0.12	0.15	0.24	100.25	0.9
LM91-2367	ROC	56.48	17.51	1.53	5.50	6.88	5.02	7.62	3.63	1.40	0.86	0.31	0.13	0.21	99.40	1.3
LM91-2379	ROC	53.08	18.20	1.66	5.99	7.49	6.15	8.50	3.63	1.19	1.09	0.37	0.14	<0.01	100.14	1.2
LM91-2387	ROC	51.61	17.74	1.83	6.58	8.23	7.46	8.76	3.30	1.09	1.16	0.32	0.15	0.01	99.93	1.1
LM91-2392	ROC	52.25	18.35	1.81	6.50	8.12	6.64	8.54	3.50	0.91	1.03	0.32	0.15	<0.01	100.44	1.2
LM92-2399	RSE	50.92	16.37	1.90	6.83	8.53	9.10	9.28	3.10	0.91	1.12	0.31	0.15	0.01	100.32	0.9
LM92-2422B	RSE	56.06	17.00	1.52	5.47	6.84	6.32	7.36	3.65	1.28	0.94	0.26	0.13	0.13	99.42	1.0
LM92-2423	MVC	58.17	16.68	1.41	5.07	6.34	5.50	7.64	3.42	1.09	0.73	0.16	0.12	0.15	98.88	1.1
LM92-2431	MVC	63.79	16.43	0.93	3.37	4.21	3.35	6.24	3.89	1.27	0.52	0.14	0.08	0.44	98.98	1.2
LM92-2434	MVC	64.02	16.44	0.91	3.29	4.11	3.22	6.19	3.95	1.26	0.52	0.15	0.07	0.61	98.93	1.2
LM92-2438	RSE	52.73	16.03	1.66	5.99	7.49	9.68	9.53	2.64	0.73	0.73	0.15	0.14	0.09	99.85	0.7
LM92-2440	RSE	52.39	17.26	1.73	6.24	7.80	7.59	8.59	3.42	1.15	1.12	0.35	0.14	0.01	100.33	1.0
LM92-2443	RSE	51.60	16.16	1.84	6.61	8.26	9.34	9.21	2.95	0.86	1.00	0.29	0.15	0.07	99.76	0.8
LM92-2450	MVC	52.90	16.15	1.68	6.05	7.56	9.43	9.43	2.66	0.66	0.75	0.15	0.15	0.33	99.72	0.8
LM92-2471	MVC	63.69	16.38	1.14	4.09	5.12	2.96	5.34	3.72	1.78	0.64	0.16	0.09	0.79	98.74	1.7
LM92-2487	MVC	54.81	15.85	1.61	5.78	7.22	8.27	8.94	2.89	0.85	0.71	0.16	0.14	0.39	99.70	0.8
LM92-2490	MVC	63.55	16.04	1.03	3.69	4.61	3.33	5.53	3.84	2.00	0.67	0.23	0.09	0.81	98.91	1.3
LM92-2524	MVC	65.81	16.02	0.85	3.04	3.81	2.84	5.28	3.82	1.55	0.57	0.14	0.07	0.76	98.95	1.3
LM92-2544	MVC	57.65	17.26	1.27	4.57	5.71	5.49	7.84	3.50	1.23	0.86	0.22	0.11	0.46	99.02	1.0
																1.6

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LM92-2661	MVC	63.34	17.40	1.06	3.81	4.76	1.95	5.22	4.35	1.96	0.59	0.20	0.11	0.98	98.14	2.4
LM92-2674	MVC	75.88	12.91	0.28	1.01	1.26	0.31	1.09	3.43	4.74	0.27	0.05	0.03	2.11	96.96	4.0
LM92-2693	MVC	62.36	17.18	1.22	4.39	5.48	2.66	5.45	3.81	1.94	0.72	0.17	0.10	1.04	98.29	2.0
LM92-2701	MVC	61.72	17.66	1.03	3.71	4.64	3.47	6.49	3.91	1.23	0.53	0.15	0.09	0.61	98.91	1.3
LM92-2744	ROC	53.18	17.73	1.69	6.08	7.59	6.29	7.92	3.73	1.53	1.23	0.49	0.14	0.13	99.38	1.2
LM92-2746	ROC	56.29	17.89	1.55	5.59	6.99	4.42	7.73	3.71	1.43	0.93	0.31	0.13	<0.01	100.10	1.5
LM92-2789	RNW	53.34	17.51	1.68	6.04	7.55	6.76	7.88	3.67	1.37	1.15	0.45	0.14	0.18	100.03	1.1
LM92-2802	ROC	58.16	17.84	1.36	4.91	6.14	4.23	7.21	3.54	1.65	0.74	0.23	0.12	0.15	99.75	1.4
LM92-2803	ROC	59.12	17.75	1.32	4.77	5.96	3.83	6.85	3.52	1.77	0.72	0.23	0.11	0.70	99.13	1.5
LM92-2804	ROC	56.14	17.98	1.50	5.41	6.76	5.22	7.79	3.45	1.36	0.77	0.24	0.13	0.12	100.17	1.2
LM92-2821	RNW	49.97	18.12	1.40	7.15	8.42	8.26	10.41	2.93	0.42	0.99	0.18	0.15	<0.01	100.66	1.0
LM92-2823	RNW	62.02	17.02	1.11	3.98	4.98	3.29	5.97	3.58	2.12	0.66	0.16	0.09	0.99	99.12	1.5
LM92-2826	RNW	60.20	17.03	1.24	4.46	5.57	3.88	6.20	3.74	2.07	0.79	0.28	0.11	<0.01	100.32	1.4
LM92-2827	RNW	62.62	16.89	1.09	3.92	4.90	3.10	5.74	3.73	2.01	0.65	0.16	0.09	0.33	99.28	1.5
LM92-2828	RNW	63.24	15.89	1.13	4.07	5.08	3.16	5.35	3.52	2.61	0.75	0.19	0.09	1.01	99.27	1.6
LM93-2854	MVC	64.63	16.49	1.03	3.70	4.63	2.46	4.78	3.74	2.29	0.61	0.17	0.09	0.94	98.04	1.8
LM93-2959	MVC	54.84	19.06	1.55	5.57	6.96	5.19	8.14	3.65	0.93	0.74	0.20	0.12	0.40	98.71	1.3
LM93-2982	MVC	55.59	17.65	1.56	5.62	7.02	5.60	8.52	3.30	1.04	0.77	0.22	0.13	0.39	98.65	1.2
LM93-2990	MVC	57.86	16.81	1.54	5.54	6.93	4.96	7.03	3.82	1.25	0.84	0.23	0.11	0.59	98.77	1.4
LM93-2993	MVC	54.35	17.37	1.81	6.52	8.15	5.42	9.27	3.19	0.86	0.87	0.17	0.15	<0.01	99.15	1.5
LM93-3033	MVC	63.56	17.52	0.90	3.23	4.03	2.40	6.14	3.85	1.50	0.60	0.22	0.08	0.85	98.53	1.6
LM93-3068	MVC	58.72	15.73	1.37	4.92	6.15	6.25	7.16	3.14	1.70	0.74	0.17	0.11	0.54	98.45	0.9
LM93-3087	MVC	59.00	16.11	1.38	4.98	6.22	5.78	6.87	3.11	1.74	0.75	0.17	0.10	1.24	97.99	1.0
LM93-3093	MVC	58.95	16.21	1.40	5.04	6.30	5.72	6.85	3.00	1.79	0.76	0.18	0.10	1.43	97.40	1.1
LM94-3271	MVC	59.91	17.19	1.27	4.58	5.72	4.15	7.21	3.29	1.50	0.65	0.17	0.09	0.60	98.82	1.3
LM98-3922	ROC	48.62	18.05	1.55	7.91	9.30	8.64	11.23	2.50	0.21	1.00	0.12	0.17	0.14	99.57	1.0
LM98-3941	ROC	48.40	18.04	1.53	7.78	9.15	9.02	11.33	2.50	0.16	0.95	0.12	0.17	-0.31	100.01	1.0
LM02-3988	CVF-S	53.05	17.79	1.70	6.11	7.64	6.54	8.76	3.31	1.24	1.03	0.32	0.14	0.04	99.63	1.1
																0.9

Ba	Y	Zr	Nb	Ni	Cu	Zn	Cr	Map	Map Unit Name
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Unit	
								Symbol	
571	21	156	14	64	55	59	67	mt61	Basaltic andesite of hill 6138
554	20	158	13	48	57	59	51	mtu	Basaltic andesite of Tumble Buttes
571	19	148	9	85	52	54	92	mt67	Basaltic andesite of hill 6770
688	27	141	7	44	56	70	72	Tac	Andesite of Cal Mountain
659	23	144	8	42	71	71	59	Tac	Andesite of Cal Mountain
558	23	131	8	48	62	78	81	Tmc	Basaltic andesite of Cone Mountain
599	24	135	10	48	61	74	82	Tmc	Basaltic andesite of Cone Mountain
	23	151	9	50	79	78		msw	Basaltic andesites of Swain Mountain
								dch	Dacite of Christie Hill
								dpg	Dacite of Plantation Gulch
								dmm	Dacite of Morgan Mountain
512	19	142	5					abf	Andesite of Bluff Falls quarry
								abf	Andesite of Bluff Falls quarry
329	17	113	4	165	66	45	393	mhl	Basaltic andesite of Huckleberry Lake
								drp	Dacite of Rocky Peak
622	25	189	9					amc	Andesites of Mill Canyon
273	16	106	2					amc	Andesites of Mill Canyon
619	22	162	10					amc	Andesites of Mill Canyon
								acc	Andesites of Cowslip Campground
								rmz	Rhyodacite of Manzanita Chute
536	22	147	7					ao	Andesite of Onion Creek
289	19	107	3	115	67	48	352	mhr	Basaltic andesite of Hootman Ranch
675	25	187	15					av	Andesite of Viola
806	17	163	8	12	5	31	3	rlm	Rhyodacite of Loomis Peak
500	21	160	9	138	52	75	142	bo	Basalt of Onion Springs
581	24	171	10					mb	Basaltic andesite of Black Cinder Rock
588	23	154	5					amc	Andesites of Mill Canyon
603	24	164	7					amc	Andesites of Mill Canyon
								dbc	Dacite of Bailey Creek
619	25	169	6					amc	Andesites of Mill Canyon
272	19	99	2					amc	Andesites of Mill Canyon

300	16	118	3					amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
882	26	221	8					dt	Dacite of Twin Meadows
576	22	180	8					amd	Andesite of Mount Diller
312	17	127	5					amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								adc	Andesite of Digger Creek
								acs	Andesite of Cabin Spring
905	24	215	10					dt	Dacite of Twin Meadows
567	32	156	7					amd	Andesite of Mount Diller
556	17	143	7					amc	Andesites of Mill Canyon
778	27	204	9					dt	Dacite of Twin Meadows
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
449	19	150	6					adc	Andesite of Digger Creek
								drr	Dacite of Red Rock Mountain
								rmz	Rhyodacite of Manzanita Chute
410	23	138	9	135	64	56	262	bcc	Basalts of Cold Creek Butte
463	20	153	6					amd	Andesite of Mount Diller
								pr	Rockland tephra
707	19	171	6					ads	Andesite of Domingo Spring
604	18	132	2					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
399	23	128	4					Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
791	15	156	5					dfr	Dacite of Flatiron Ridge
606	20	137	3					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
759	38	223	3					Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
509	21	141	7	69	55	54	89	bsm	Basalts and basaltic andesites of Sifford Mountain
342	20	121	8	167	61	52	339	bsm	Basalts and basaltic andesites of Sifford Mountain
849	15	135	8					rr	Rhyolite of Raker Peak
270	20	104	5					rr	Rhyolite of Raker Peak
770	14	133	7					rsf	Domes [Rhyodacite of Sunflower Flat]
722	14	128	5					rcc	Dome C [Rhyodacite of Chaos Crags]
270	18	91	1					rcc	Dome C [Rhyodacite of Chaos Crags]
669	16	136	6					pw2	Pyroclastic flow and associated fluid debris-flow deposits, May 22 [Depo
446	21	107	7					pw2	Pyroclastic flow and associated fluid debris-flow deposits, May 22 [Depo
723	20	198	8					amz	Andesite of Manzanita Creek
683	24	193	7					amd	Andesite of Mount Diller
								dr	Dacite of Reading Peak

405	19	95	4					dr	Dacite of Reading Peak
								dr	Dacite of Reading Peak
811	16	156	8					rmc	Rhyodacite of Mount Conard
735	19	154	9					dr	Dacite of Reading Peak
729	14	139	6					dr	Dacite of Reading Peak
323	16	84	2					dr	Dacite of Reading Peak
385	19	116	4					ah	Andesite of Hat Mountain
								ah	Andesite of Hat Mountain
464	19	138	7	120	59	56	161	bsm	Basalts and basaltic andesites of Sifford Mountain
640	17	125	7					Qs82	Avalanche deposit from dacite of hill 8283
796	16	140	9					pe	Pumiceous pyroclastic-flow deposits [Rhyodacite of Eagle Peak]
								pe	Pumiceous pyroclastic-flow deposits [Rhyodacite of Eagle Peak]
740	13	139	6					psf	Pumiceous pyroclastic-flow deposits [Rhyodacite of Sunflower Flat]
810	14	141	6					dl	Dome [Dacite of Lassen Peak]
710	12	134	3					rkr	Rhyodacite of Krummholz
749	15	138	6					rkr	Rhyodacite of Krummholz
618	17	118	6	25	20	48	24	pw2	Pyroclastic flow and associated fluid debris-flow deposits, May 22 [Depo
713	26	199	14	50	44	82	66	amh	Andesite and basalt of Mount Harkness
771	19	156	6					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
629	21	142	7					ac	Andesite of Crater Butte
739	22	148	8					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
805	14	138	6					pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]
651	22	190	11					mr	Basaltic andesite of Rock Spring
262	17	84	2	136	49	44	424	mcf	Basaltic andesites of Camp Forward
589	23	146	6					amc	Andesites of Mill Canyon
599	24	180	11					av	Andesite of Viola
747	20	164	6					dh	Dacite of Mt. Helen
507	18	118	5					dh	Dacite of Mt. Helen
103	19	74	1	136	93	46	190	bic	Tholeiitic basalt of Ice Cave Mountain
879	19	156	4					rg	Rhyodacite of Gurnsey Creek
947	21	154	6					rg	Rhyodacite of Gurnsey Creek
607	20	146	6					db	Dacite of Bumpass Mountain
782	16	134	9					rk	Flows [Rhyodacite of Kings Creek]
								pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]
825	15	138	8					pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]
805	14	143	10					pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]
805	16	142	8					pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]

388	29	122	1					am	Older regional andesites and basaltic andesites, undivided
764	18	114	6					pe	Pumiceous pyroclastic-flow deposits [Rhyodacite of Eagle Peak]
659	20	146	6					adc	Andesite of Digger Creek
303	18	129	5	107	55	45	213	mrd	Basaltic andesite and andesite of Red Lake Mountain
530	20	164	2					adc	Andesite of Digger Creek
657	15	121	6	28	19	34	26	d9	Dacite flow, May 19–20 [Deposits of the 1914–1917 eruption of Lassen]
616	13	120	3	24	21	36	20	pw2	Pyroclastic flow and associated fluid debris-flow deposits, May 22 [Depo
448	15	107	4	53	36	38	58	d9	Dacite flow, May 19–20 [Deposits of the 1914–1917 eruption of Lassen]
640	17	127	6					dl	Dome [Dacite of Lassen Peak]
759	15	133	7					pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]
489	15	113	5	49	37	50	62	w2	Viscous debris-flow deposits, May 22 [Deposits of the 1914–1917 erupti
781	24	175	5					at	Andesite of Table Mountain
407	18	114	2					a74	Andesite of hill 7416
533	25	146	9					Tbm	Basalts and basaltic andesites of Mud Creek Rim
391	20	120	4	148	72	55	309	bhr	Basaltic plug near Heckle Ranch
369	21	116	4					mee2	Unit 2 [Basaltic andesites of Echo Lake]
326	18	91	1					mc8	Unit 8 [Basaltic andesites of Silver Lake]
285	23	113	10	149	75	54	301	bs1	Unit 1 [Basalts of Stephens Campground]
394	15	114	2					ah	Andesite of Hat Mountain
780	13	134	8					rk	Flows [Rhyodacite of Kings Creek]
611	24	164	7					amh	Andesite and basalt of Mount Harkness
655	18	146	4					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
76	26	75	1	145	119	41	298	bwv	Tholeiitic basalt of Warner Valley
443	18	116	3					Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
567	22	192	12	58	47	88	94	amh	Andesite and basalt of Mount Harkness
429	19	108	3					Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
712	20	141	4					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
451	17	115	4					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
100	24	76	5	143	98	44	218	bwv	Tholeiitic basalt of Warner Valley
401	18	98	1					Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
486	18	147	4					abf	Andesite of Bluff Falls quarry
455	22	148	8	128	59	54	200	mhl	Basaltic andesite of Huckleberry Lake
491	19	157	6					ag	Andesite of Glassburner Meadows
562	20	148	3					amc	Andesites of Mill Canyon
603	22	157	8					amc	Andesites of Mill Canyon
632	24	186	4					amd	Andesite of Mount Diller
518	21	171	5					ag	Andesite of Glassburner Meadows

361	17	134	5					amc	Andesites of Mill Canyon
575	18	141	3					db	Dacite of Bumpass Mountain
715	21	171	7					ar	Andesite of Rice Creek
752	16	145	5					dr	Dacite of Reading Peak
531	17	115	5					ah	Andesite of Hat Mountain
	17	115						ah	Andesite of Hat Mountain
362	12	107	0					arp	Andesite of Raker Peak
293	15	139	3	136	62	54	69	mrm	Basaltic andesite of Red Mountain
570	19	141	5					atb	Andesite of Bear Wallow Butte
517	19	151	5					arp	Andesite of Raker Peak
597	22	142	5					att	Andesite of Tumble Buttes
562	20	129	3					abm	Andesites of Badger Mountain
176	13	77	1	52	44	41	123	mbg	Basaltic andesite of Little Bunchgrass Meadow
754	20	161	3					abm	Andesites of Badger Mountain
102	23	85	1	164	69	36	183	bn	Tholeiitic basalt of Nobles Emigrant Trail
723	21	156	3					abm	Andesites of Badger Mountain
730	20	169	6					ar	Andesite of Rice Creek
630	20	143	5					adb	Andesite of Bidwell Spring
341	17	96	3					mp1	Flow 1, Painted Dunes [Basaltic andesites of Cinder Cone]
582	20	151	2					ap	Andesite and basaltic andesite of Prospect Peak
797	20	160	4					awp	Andesites of West Prospect Peak
666	24	174	5					asp	Andesite of Potato Butte
429	24	189	26	107	46	41	169	bbf	Basalt of Badger Flat
723	17	151	6					ds	Dacite of Ski Heil Peak
717	23	172	7					ass	Andesite of Sugarloaf Peak
707	24	180	6					ass	Andesite of Sugarloaf Peak
762	18	160	6					ds	Dacite of Ski Heil Peak
287	18	135	5					re	Dome and flow [Rhyodacite of Eagle Peak]
813	15	139	8					re	Dome and flow [Rhyodacite of Eagle Peak]
236	15	129	1					re	Dome and flow [Rhyodacite of Eagle Peak]
603	15	148	4					dv	Dacite of Vulcans Castle
544	19	140	10					acl	Andesite and basaltic andesite of Cluster Lakes
492	19	143	5					ap	Andesite and basaltic andesite of Prospect Peak
568	24	173	8					acl	Andesite and basaltic andesite of Cluster Lakes
618	19	169	8					abm	Andesites of Badger Mountain
665	18	164	9					abm	Andesites of Badger Mountain
								bbf	Basalt of Badger Flat

660	21	167	9					abm	Andesites of Badger Mountain
766	21	156	4					awp	Andesites of West Prospect Peak
134	24	85	1	143	100	45	220	btb	Tholeiitic basalt of Twin Bridges
714	21	155	5					abm	Andesites of Badger Mountain
721	17	127	7					pfl	Lithic pyroclastic-flow deposit from partial collapse of dome [Dacite of La
204	14	76	1	20	48	47	36	pfl	Lithic pyroclastic-flow deposit from partial collapse of dome [Dacite of La
298	16	91	5					mp1	Flow 1, Painted Dunes [Basaltic andesites of Cinder Cone]
581	19	149	5					amc	Andesites of Mill Canyon
800	16	138	8	13	5	31	10	pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
779	14	140	6					pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
779	15	132	7					pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
795	13	138	6					pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
780	15	137	11					pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
773	15	131	8					pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
634	17	124	8					dl	Dome [Dacite of Lassen Peak]
205	16	83	1					dl	Dome [Dacite of Lassen Peak]
780	16	125	8					pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag
793	15	132	8					rca	Dome A [Rhyodacite of Chaos Crag]
697	15	128	6	12	12	31	9	rce	Dome E [Rhyodacite of Chaos Crag]
739	15	136	6					rcc	Dome C [Rhyodacite of Chaos Crag]
721	14	121	8					rcd	Dome D [Rhyodacite of Chaos Crag]
804	13	137	8	10	0	24	6	rcb	Dome B [Rhyodacite of Chaos Crag]
844	14	132	6					pr	Rockland tephra
744	14	134	8					rsf	Domes [Rhyodacite of Sunflower Flat]
710	14	127	7					rcf	Dome F [Rhyodacite of Chaos Crag]
279	18	103	1					rlm	Rhyodacite of Loomis Peak
339	15	119	2					rlm	Rhyodacite of Loomis Peak
253	17	113	3	158	66	54	228	mrd	Basalt andesite and andesite of Red Lake Mountain
								am	Older regional andesites and basaltic andesites, undivided
748	20	168	4					aa	Andesite of Ashpan Butte
698	25	183	8					am	Older regional andesites and basaltic andesites, undivided
609	19	143	5					atd	Andesite of Devils Rock Garden
470	19	130	4					mm	Basaltic andesites of Magee Volcano
166	24	91	2	155	92	57	286	bk2	Unit 2 [Tholeiitic basalts of Big Lake]
613	23	157	6					amd	Andesite of Mount Diller
601	18	146	5					dpl	Dacite of Lassen Peak parking lot
480	17	137	5					dh	Dacite of Mt. Helen

672	17	157	4					duh	Dacite under Mt. Helen
763	19	157	9					ae	Andesite of Eagle Peak
352	14	122	4					ae	Andesite of Eagle Peak
561	18	139	4					ds	Dacite of Ski Heil Peak
								dh	Dacite of Mt. Helen
96	23	72	1	135	92	40	204	bec	Tholeiitic basalt of Eagle Canyon
161	24	100	4	144	87	39	255	b44	Tholeiitic basalt of Calif. Hwy 44
564	20	157	10					ap	Andesite and basaltic andesite of Prospect Peak
533	20	162	8					ap	Andesite and basaltic andesite of Prospect Peak
552	24	167	12	117	45	56	163	bdt	Basalt of Twin Buttes
567	21	154	10					mdb1	Unit 1 [Basaltic andesites of Black Butte]
675	20	196	7					amd	Andesite of Mount Diller
350	19	117	4	25	49	62	22	mdp	Basaltic andesite of Pole Spring Road
305	18	102	4	28	42	52	34	md36	Basaltic andesite of section 36
560	23	157	11					mdb1	Unit 1 [Basaltic andesites of Black Butte]
522	21	138	8	106	81	59	147	bcb	Basalt of Cowboy Lake
530	21	163	11	46	57	69	46	bpc3	Unit 3 [Basalts of Pine Creek]
498	21	157	11	47	64	71	71	bpc1	Unit 1 [Basalts of Pine Creek]
886	31	221	9					dt	Dacite of Twin Meadows
685	23	196	10					amd	Andesite of Mount Diller
658	24	179	5					amc	Andesites of Mill Canyon
691	23	176	9					amc	Andesites of Mill Canyon
637	21	173	6					amc	Andesites of Mill Canyon
643	21	174	6					amc	Andesites of Mill Canyon
176	19	74	4					rcd	Dome D [Rhyodacite of Chaos Crags]
868	25	229	22					rcc	Dome C [Rhyodacite of Chaos Crags]
349	18	104	5					rce	Dome E [Rhyodacite of Chaos Crags]
294	22	105	6					rce	Dome E [Rhyodacite of Chaos Crags]
752	17	149	7					dmz	Dacite of upper Manzanita Creek
527	15	109	4					dl	Dome [Dacite of Lassen Peak]
385	25	173	20	60	52	44		bl22	Basalt of hill 2232
546	21	152	7					bb12	Unit 12 [Basalts and basaltic andesites of Bogard Buttes]
518	21	144	6	40	62	69	34	bb8	Unit 8 [Basalts and basaltic andesites of Bogard Buttes]
536	24	150	8					bb9	Unit 9 [Basalts and basaltic andesites of Bogard Buttes]
324	24	113	6	67	89	53	150	bs3	Unit 3 [Basalts of Stephens Campground]
304	23	112	6	86	81	55	199	bs3	Unit 3 [Basalts of Stephens Campground]
563	23	168	6					ad	Andesites of Diller sequence, undivided

536	19	123	5					mtb	Basaltic andesite of Bear Wallow Butte
371	22	130	10	172	68	57	295	br5	Unit 5 [Basalt of Robbers Spring]
408	24	158	19	128	33	48	227	bct	Basalt of Cherry Thicket
589	24	154	6					amc	Andesites of Mill Canyon
625	21	167	6					amc	Andesites of Mill Canyon
312	17	115	3					amc	Andesites of Mill Canyon
570	21	157	8					amc	Andesites of Mill Canyon
479	20	150	3					amc	Andesites of Mill Canyon
688	19	174	7					amc	Andesites of Mill Canyon
667	23	171	8					amc	Andesites of Mill Canyon
588	25	158	10					amc	Andesites of Mill Canyon
172	15	68	3	23	45	48	42	pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crag]
179	14	70	2	23	47	44	36	rcb	Dome B [Rhyodacite of Chaos Crag]
596	22	171	7					ad	Andesites of Diller sequence, undivided
647	16	125	5					p2	Pumice-fall deposit, May 22 [Deposits of the 1914–1917 eruption of Lassen]
101	24	80	5	84	44	50	280	bmc	Tholeiitic basalts of Mill Creek Plateau
93	25	77	2	152	115	55	212	bic	Tholeiitic basalt of Ice Cave Mountain
145	21	97	4	107	74	57	142	bbz	Tholeiitic basalts of Buzzard Springs
375	18	118	2					amc	Andesites of Mill Canyon
306	17	126	6	125	63	52	232	meh	Basaltic andesite of Eskimo Hill
255	15	111	1	93	52	49	148	mrd	Basaltic andesite and andesite of Red Lake Mountain
297	15	97	2					arp	Andesite of Raker Peak
104	27	84	3	138	124	44	164	bhc	Hat Creek Basalt (tholeiitic)
617	23	162	7					ar	Andesite of Rice Creek
439	21	142	8					amd	Andesite of Mount Diller
534	23	149	6					amd	Andesite of Mount Diller
								rmc	Rhyodacite of Mount Conard
654	25	169	8					ar	Andesite of Rice Creek
634	22	165	7					amc	Andesites of Mill Canyon
779	22	155	7					ad	Andesites of Diller Sequence, undivided
824	28	207	10					amc	Andesites of Mill Canyon
531	20	156	7					amc	Andesites of Mill Canyon
144	24	101	2	80	88	54	150	bbz	Tholeiitic basalts of Buzzard Springs
								bhc	Hat Creek Basalt (tholeiitic)
304	20	119	7	94	72	48	208	bp2	Unit 2 [Basalts of Poison Butte]
187	15	75	2	158	90	46	401	bg4	Unit 4 [Basalts of old railroad grade]
568	24	173	10	113	45	74	214	bd	Basalt of Twin Buttes

563	23	172	11					bdt	Basalt of Twin Buttes
262	19	100	6	203	87	64	397	bc1	Unit 1 [Basalts of Cone Lake Road]
								bc2	Unit 2 [Basalts of Cone Lake Road]
399	17	118	4					mtt	Basaltic andesite of Turnaround Lake
728	22	171	7					arr	Andesite of Red Cinder
358	17	105	4					mtt	Basaltic andesite of Turnaround Lake
348	18	106	5					mcj	Basaltic andesite of Jewel Lake
344	16	104	4					mcj	Basaltic andesite of Jewel Lake
457	21	129	7					ml18	Basaltic andesite of hill 1868
1044	26	162	7					bp6	Unit 6 [Basalts of Poison Butte]
								bb5	Unit 5 [Basalts and basaltic andesites of Bogard Buttes]
352	24	135	12					bs5	Unit 5 [Basalts of Stephens Campground]
								rd3	Rhyolites of Dittmar Volcanic Center, Stage 3
								rd3	Rhyolites of Dittmar Volcanic Center, Stage 3
866	19	157	7					rd3	Rhyolites of Dittmar Volcanic Center, Stage 3
543	33	155	11					rd3	Rhyolites of Dittmar Volcanic Center, Stage 3
832	16	140	6					dbl	Dacite of Bench Lake
756	17	148	6					dsc	Dacite of Summit Creek
842	20	173	7					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
584	18	160	9					ac	Andesite of Crater Butte
453	21	147	3					amc	Andesites of Mill Canyon
676	23	181	8					amd	Andesite of Mount Diller
								ah	Andesite of Hat Mountain
490	19	146	3					ac	Andesite of Crater Butte
717	17	145	7					ac	Andesite of Crater Butte
585	20	168	6					ac	Andesite of Crater Butte
540	20	153	11					mfp	Basaltic andesite of Fairfield Peak
411	22	129	8	113	60	56	117	mrr	Basaltic andesite of Red Cinder
309	17	98	7	165	60	56	482	brc	Basalt of Red Cinder Cone
701	19	124	10					dl	Dome [Dacite of Lassen Peak]
								dl	Dome [Dacite of Lassen Peak]
717	16	133	9	17	20	28	11	p2	Pumice-fall deposit, May 22 [Deposits of the 1914–1917 eruption of Las
790	23	161	7					rsf	Domes [Rhyodacite of Sunflower Flat]
472	24	99	6					pcd	Lithic pyroclastic -flow deposit from partial collapse of Dome D [Rhyodac
748	19	132	7					rcb	Dome B [Rhyodacite of Chaos Crags]
								dl	Dome [Dacite of Lassen Peak]
678	22	151	7					dmz	Dacite of upper Manzanita Creek

								dmz	Dacite of upper Manzanita Creek
839	21	169	9					r27	Rhyodacite of section 27
797	22	155	6					rd	Rhyodacite of Dersch Meadows
698	18	135	7					psf	Pumiceous pyroclastic-flow deposits [Rhyodacite of Sunflower Flat]
859	18	125	6					pr	Rockland tephra
819	18	133	7					pr	Rockland tephra
791	20	129	5					pr	Rockland tephra
367	20	115	10					bra	Basalt of Ash Butte
								br2	Unit 2 [Basalt of Robbers Spring]
								mce	Basaltic andesite of Eleanor Lake
								mdb1	Unit 1 [Basaltic andesites of Black Butte]
								mp2	Flow 2, Painted Dunes [Basaltic andesites of Cinder Cone]
								Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
								mf1	Flow 1, Fantastic Lava Beds [Basaltic andesites of Cinder Cone]
								mf2	Flow 2, Fantastic Lava Beds [Basaltic andesites of Cinder Cone]
								mrc	Basaltic andesite Red Cinder Cone
								a22	Andesite of section 22
								amd	Andesite of Mount Diller
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								amd	Andesite of Mount Diller
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
456	22	139	6					ae	Andesite of Eagle Peak
837	21	150	12					pe	Pumiceous pyroclastic-flow deposits [Rhyodacite of Eagle Peak]
								re	Dome and flow [Rhyodacite of Eagle Peak]
623	21	135	10					d4	Dacite dome, May 14–19 [Deposits of the 1914–1917 eruption of Lassen]
426	22	114	6					d4	Dacite dome, May 14–19 [Deposits of the 1914–1917 eruption of Lassen]
841	24	169	11					r27	Rhyodacite of section 27
								dc	Dacite of Crescent Crater
856	19	145	7					pr	Rockland tephra
								pr	Rockland tephra
137	10	61	7					mbx	Basaltic andesite of Box Canyon
								rcb	Dome B [Rhyodacite of Chaos Crags]
160	17	71	4	16	30	71	36	pc	Pumiceous pyroclastic-flow and fall deposits [Rhyodacite of Chaos Crags]
								Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided

90	27	73	6	187	97	41	235	bec	Tholeiitic basalt of Eagle Canyon
								mcm	Basaltic andesite of middle Caribou
526	23	176	19					bcs	Basalt of South Caribou
								mcn5	Unit 5 [Basaltic andesites of North Caribou]
								mcn4	Unit 4 [Basaltic andesites of North Caribou]
								mcn2	Unit 2 [Basaltic andesites of North Caribou]
	21	134						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	21	162						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	16	117						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	14	85						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	16	110						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	16	80						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	21	151						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	16	143						rmp	Rhyolite of Mill Creek Plateau
	24	140						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	25	155						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
								bhc	Hat Creek Basalt (tholeiitic)
								bhc	Hat Creek Basalt (tholeiitic)
								mo	Old Bench flow [Basaltic andesites of Cinder Cone]
	21	108						a74	Andesite of hill 7416
	23	158						msl	Basaltic andesite of Little Potato Butte
								Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
	15	127						dp	Dacite of Panther Creek
								dl	Dome [Dacite of Lassen Peak]
								dl	Dome [Dacite of Lassen Peak]
								bhc	Hat Creek Basalt (tholeiitic)
	16	109						pe	Pumiceous pyroclastic-flow deposits [Rhyodacite of Eagle Peak]
								pe	Pumiceous pyroclastic-flow deposits [Rhyodacite of Eagle Peak]
								dl	Dome [Dacite of Lassen Peak]
								dl	Dome [Dacite of Lassen Peak]
	17	115						rk	Flows [Rhyodacite of Kings Creek]
	15	154						dc	Dacite of Crescent Crater
								rca	Dome A [Rhyodacite of Chaos Craggs]
	18	154						d82	Dacite of hill 8283
	14	131						d82	Dacite of hill 8283
								dl	Dome [Dacite of Lassen Peak]
								ms47	Basaltic andesite of hill 4709

								asp	Andesite of Potato Butte
	21	169						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	15	108						Tab	Andesite of South Fork Battle Creek
	19	156						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	23	161						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	25	152						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	17	144						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	21	86						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	26	190						Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
	21	82						mbc	Basaltic andesites of South Fork Battle Creek
	16	111						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	20	96						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	24	93						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	12	104						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	19	109						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	15	95						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	23	150						mt5	Basaltic andesite of section 5
	18	158						mt61	Basaltic andesite of hill 6138
	19	84						am	Older regional andesites and basaltic andesites, undivided
	23	119						bk1	Unit 1 [Tholeiitic basalts of Big Lake]
								ass	Andesite of Sugarloaf Peak
	18	96						mhr	Basaltic andesite of Hootman Ranch
	15	96						mhr	Basaltic andesite of Hootman Ranch
	16	145						rlp	Rhyolite of Lost Creek Plateau
	25	138						Tad	Andesites of Dittmar Volcanic Center, Stage 1, undivided
	15	150						rsm	Rhyolite of North Stover Mountain
	20	98						Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
	16	72						rca	Dome A [Rhyodacite of Chaos Crags]
	14	75						rcf	Dome F [Rhyodacite of Chaos Crags]
	26	79						bwv	Tholeiitic basalt of Warner Valley
	35	92						brk	Tholeiitic basalt of Rock Creek
	26	70						bwv	Tholeiitic basalt of Warner Valley
								mp2	Flow 2, Painted Dunes [Basaltic andesites of Cinder Cone]
								mf1	Flow 1, Fantastic Lava Beds [Basaltic andesites of Cinder Cone]
								mf2	Flow 2, Fantastic Lava Beds [Basaltic andesites of Cinder Cone]
	16	147						d82	Dacite of hill 8283
	17	158						d82	Dacite of hill 8283

	18	149						dv	Dacite of Vulcans Castle
	22	140						rk	Flows [Rhyodacite of Kings Creek]
								awp	Andesites of West Prospect Peak
								rcc	Dome C [Rhyodacite of Chaos Crags]
								mtu	Basaltic andesite of Tumble Buttes
								dl	Dome [Dacite of Lassen Peak]
								rk	Flows [Rhyodacite of Kings Creek]
								dh	Dacite of Mt. Helen
								pk	Pumiceous pyroclastic-flow deposits [Rhyodacite of Kings Creek]
								b44	Tholeiitic basalt of Calif. Hwy 44
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								adc	Andesite of Digger Creek
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
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								amc	Andesites of Mill Canyon
349	21	107	6	156	58	53	336	bnt	Basalt of Bonte Peak
573	29	177	16	122	49	55	152	bii	Basalt of Island Lake
								mb	Basaltic andesite of Black Cinder Rock
								mb	Basaltic andesite of Black Cinder Rock
319	22	114	11	103	59	44	219	br80	Basalt of hill 8030
								arr	Andesite of Red Cinder
								br80	Basalt of hill 8030
								mrg2	Unit 2 [Basaltic andesites of Long Lake]
								mtt	Basaltic andesite of Turnaround Lake
								mb	Basaltic andesite of Black Cinder Rock

								bbh	Basalt of Hidden Lakes
								mee1	Unit 1 [Basaltic andesites of Echo Lake]
								bcs	Basalt of South Caribou
								bci	Basalt of Indian Meadow
								mcm	Basaltic andesite of middle Caribou
								brk	Tholeiitic basalt of Rock Creek
								amc	Andesites of Mill Canyon
								Taw	Andesite of Wild Cattle Mountain
								amr	Andesite of Martin Creek
								rb	Rhyolite of Blue Ridge
								rb	Rhyolite of Blue Ridge
								msm	Basaltic andesite of Small Butte
								amc	Andesites of Mill Canyon
633	21	164	9					amc	Andesites of Mill Canyon
								amc	Andesites of Mill Canyon
								rmc	Rhyodacite of Mount Conard
								bbz	Tholeiitic basalts of Buzzard Springs
285	15	100	3					amc	Andesites of Mill Canyon
649	21	165	9					amc	Andesites of Mill Canyon
589	21	161	7					amc	Andesites of Mill Canyon
641	23	172	8					amc	Andesites of Mill Canyon
								rmc	Rhyodacite of Mount Conard
								rmc	Rhyodacite of Mount Conard
								bbz	Tholeiitic basalts of Buzzard Springs
								bsm	Basalts and basaltic andesites of Sifford Mountain
								bsm	Basalts and basaltic andesites of Sifford Mountain
								amc	Andesites of Mill Canyon
248	23	84	3					ahc	Andesites, basaltic andesites, and basalts of Hat Creek Rim
141	24	93	4					bbz	Tholeiitic basalts of Buzzard Springs
620	21	165	4					ad2	Andesites of Dittmar Volcanic Center, Stage 2, undivided
126	19	84	2	117	91	54	174	bbz	Tholeiitic basalts of Buzzard Springs
95	26	73	1	151	118	34	175	bwv	Tholeiitic basalt of Warner Valley
370	28	161	19	118	55	63	240	bl21	Basalt of hill 2109
425	23	111	6					mtr	Basaltic andesite of Triangle Lake
332	30	150	17	204	69	84	451	bcw	Basalt of Caribou Wilderness
408	26	148	12					bcw	Basalt of Caribou Wilderness
402	25	128	8					br25	Basalt of section 25

352	25	123	8					br22	Basalt of hill 2283
279	24	86	4	193	71	63	382	brw	Basalt of Widow Lake
470	24	132	6					ap	Andesite and basaltic andesite of Prospect Peak
502	26	147	9					bsl	Basalt of Lost Spring
745	26	173	9					arr	Andesite of Red Cinder
418	25	136	12					brt1	Unit 1 [Basalts of Triangle Lake]
417	25	137	9					bss2	Unit 2 [Basalt of Sunrise Peak]
525	29	156	16					bss1	Unit 1 [Basalt of Sunrise Peak]
703	27	152	5					abl	Andesite of Butte Lake
525	22	142	6	31	47	53	30	alg	Andesite of Logan Mountain
357	20	102	4					aw	Andesite of Wilcox Peak
								mc8	Unit 8 [Basaltic andesites of Silver Lake]
								mcr	Basaltic andesite of Rim Lake
								bbp	Basalt of Posey Lake
								mte	Basaltic andesites of Evelyn Lake
								bbb	Basalt of Beauty Lake
498	24	141	10	119	39	63	219	bbh	Basalt of Hidden Lakes
								mc71	Basaltic andesite of hill 7114
								mcn1	Unit 1 [Basaltic andesites of North Caribou]
								mc8	Unit 8 [Basaltic andesites of Silver Lake]
381	22	139	14	130	56	62	111	bcg	Basalt of Butte Creek Campground
								Tbm	Basalts and basaltic andesites of Mud Creek Rim
								mte	Basaltic andesites of Evelyn Lake
								mte	Basaltic andesites of Evelyn Lake
								Tbm	Basalts and basaltic andesites of Mud Creek Rim
436	23	119	8	80	56	52	110	bnt	Basalt of Bonte Peak
								bie	Basalt of East Lake
								bie	Basalt of East Lake
515	25	144	13	99	53	46	142	mrg1	Unit 1 [Basaltic andesites of Long Lake]
253	16	81	4	111	30	52	86	mrg3	Unit 3 [Basaltic andesites of Long Lake]
279	17	81	3	61	47	55	75	mrg2	Unit 2 [Basaltic andesites of Long Lake]
								mc10	Unit 10 [Basaltic andesites of Silver Lake]
								mc11	Unit 11 [Basaltic andesites of Silver Lake]
								dl	Dome [Dacite of Lassen Peak]
								Tmsr	Basaltic andesites of Susan River
								bpc2	Unit 2 [Basalts of Pine Creek]
								bb10	Unit 10 [Basalts and basaltic andesites of Bogard Buttes]

								bb6	Unit 6 [Basalts and basaltic andesites of Bogard Buttes]
								bb2	Unit 2 [Basalts and basaltic andesites of Bogard Buttes]
								bb11	Unit 11 [Basalts and basaltic andesites of Bogard Buttes]
								Tmsr	Basaltic andesites of Susan River
								b11	Basalt of section 11
								bb3	Unit 3 [Basalts and basaltic andesites of Bogard Buttes]
								bb1	Unit 1 [Basalts and basaltic andesites of Bogard Buttes]
								Tdb	Dacite of Bogard Buttes
								bs3	Unit 3 [Basalts of Stephens Campground]
								bs2	Unit 2 [Basalts of Stephens Campground]
								br1	Unit 1 [Basalts of Robbers Spring]
								bc1	Unit 1 [Basalts of Cone Lake Road]
								br3	Unit 3 [Basalts of Robbers Spring]
								bb4	Unit 4 [Basalts and basaltic andesites of Bogard Buttes]
								bt3	Unit 3 [Basalts of Pittville Road]
								bb12	Unit 12 [Basalts and basaltic andesites of Bogard Buttes]
								Tdb	Dacite of Bogard Buttes
								br5	Unit 5 [Basalts of Robbers Spring]
								bt2	Unit 2 [Basalts of Pittville Road]
								bs4	Unit 4 [Basalts of Stephens Campground]
								m20	Basaltic andesite west of hill 2078
								br4	Unit 4 [Basalts of Robbers Spring]
								bt4	Unit 4 [Basalts of Pittville Road]
								bp5	Unit 5 [Basalts of Poison Butte]
								bt1	Unit 1 [Basalts of Pittville Road]
								bp5	Unit 5 [Basalts of Poison Butte]
								bp4	Unit 4 [Basalts of Poison Butte]
								bt2	Unit 2 [Basalts of Pittville Road]
								ml18	Basaltic andesite of hill 1868
290	21	112	10	102	69	64	265	bs2	Unit 2 [Basalts of Stephens Campground]
770	16	150		82	59	72	186	bsh	Basalts and basaltic andesites of Swains Hole
199	24	89	4	219	85	73	450	bg4	Unit 4 [Basalts of old railroad grade]
451	27	117	4	97	54	81	134	bsh	Basalts and basaltic andesites of Swains Hole
338	27	141	12	91	71	70	246	bp3	Unit 3 [Basalts of Poison Butte]
138	19	82	7	278	76	71	477	bg3	Unit 3 [Basalts of old railroad grade]
								bg2	Unit 2 [Basalts of old railroad grade]
280	25	119	10	104	75	68	249	bp1	Unit 1 [Basalts of Poison Butte]

314	28	124	9	94	76	74	230	bp1	Unit 1 [Basalts of Poison Butte]
155	31	94	4	133	94	68	217	b18	Tholeiitic basalt of hill 1879
550	13	162	12	100	49	73	210	bsh	Basalts and basaltic andesites of Swains Hole
518	27	161	11	39	65	87	48	bb7	Unit 7 [Basalts and basaltic andesites of Bogard Buttes]
760	22	192	10	40	69	60	95	Tmsr	Basaltic andesites of Susan River
260		81		24	58	59	57	mee1	Unit 1 [Basaltic andesites of Echo Lake]
375	15	112			26	57	26	mee2	Unit 2 [Basaltic andesites of Echo Lake]
380	14	106		10	26	70		mee2	Unit 2 [Basaltic andesites of Echo Lake]
395	15	110			26	63		mee2	Unit 2 [Basaltic andesites of Echo Lake]
360	11	108			24	57	20	mee2	Unit 2 [Basaltic andesites of Echo Lake]
420	17	134		50	54	67	73	boc	Older basalts and basaltic andesites south of Caribou Volcanic Field
250		71		46	53	62	59	beb3	Unit 3 [Basalts of Bond Valley]
305	11	94		40	54	63	53	mc2	Unit 2 [Basaltic andesites of Silver Lake]
260		80		89	36	60	82	mc1	Unit 1 [Basaltic andesites of Silver Lake]
295	11	77		34	57	60	64	mcm	Basaltic andesite of middle Caribou
529	29	150	12	114	57	73	174	boc	Older basalts and basaltic andesites south of Caribou Volcanic Field
89	19	70		108	104	38	150	brk	Tholeiitic basalt of Rock Creek
630	20	136		60	55	58	82	Tbm	Basalts and basaltic andesites of Mud Creek Rim
540	21	134		84	47	56	158	Tbm	Basalts and basaltic andesites of Mud Creek Rim
442	28	138	12	130	55	82	201	Tbm	Basalts and basaltic andesites of Mud Creek Rim
480	17	132		88	70	67	126	boc	Older basalts and basaltic andesites south of Caribou Volcanic Field
349	26	121	8	164	69	84	454	bcc	Basalts of Cold Creek Butte
549	26	140	10	111	54	73	221	mgp	Basaltic andesite of Grays Peak
378	36	126	7	65	38	59	133	Tah	Andesites of Hampton Butte
323	25	130	5	27	50	51	31	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
326	20	124	2	29	27	45	27	Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
240	23	91	3	166	68	72	444	bpa	Basalt of Panther Creek
453	28	153	10	154	60	73	198	bcc	Basalts of Cold Creek Butte
340	22	118	8	183	61	75	493	bcc	Basalts of Cold Creek Butte
271	33	92	3	159	76	67	464	Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
572	27	159	4	13	19	50	39	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
252	23	92	3	110	71	76	330	Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
651	26	191	4	51	27	57	72	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
360	22	153	4	39	43	50	62	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
273	26	132	3	66	31	61	147	Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
292	26	127	3	24	77	70	44	Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
560	25	170	5	28	44	51	56	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided

467	24	145	5	5	29	68	5	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
1067	21	150	9	3	17	28	4	rmp	Rhyolite of Mill Creek Plateau
590	32	156	7	15	33	62	32	Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
419	23	120	1	43	39	59	87	Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
798	30	189	11	105	55	72	176	msw	Basaltic andesites of Swain Mountain
643	27	158	7	40	65	59	66	msw	Basaltic andesites of Swain Mountain
528	27	174	11	120	49	74	226	ap	Andesite and basaltic andesite of Prospect Peak
696	26	149	7	49	69	57	72	Tac	Andesite of Cal Mountain
733	26	146	7	59	46	68	80	Tac	Andesite of Cal Mountain
554	30	135	10	63	62	66	123	Tmc	Basaltic andesite of Cone Mountain
183	27	97	5	111	111	57	184	b44	Tholeiitic basalt of Calif. Hwy 44
664	26	179	4	32	43	49	50	ahc	Andesites, basaltic andesites, and basalts of Hat Creek Rim
828	28	194	14	47	48	65	79	ahc	Andesites, basaltic andesites, and basalts of Hat Creek Rim
644	26	173	3	34	51	55	41	ahc	Andesites, basaltic andesites, and basalts of Hat Creek Rim
735	28	211	9	39	63	55	73	ahc	Andesites, basaltic andesites, and basalts of Hat Creek Rim
								Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
								Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
								Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
								Tdm	Dacites of Maidu Volcanic Center, Stage 2, undivided
								Tam	Andesites of Maidu Volcanic Center, Stage 1, undivided
								bgv	Tholeiitic basalt of Grays Valley
								bgv	Tholeiitic basalt of Grays Valley
								bsl	Basalt of Lost Spring
								bsh	Basalts and basaltic andesites of Swains Hole
								bp1	Unit 1 [Basalts of Poison Butte]

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Clynne Chemistry Locations

Notes	Quad	Latitude	Longitude	Latitude	Longitude
		North	West	North	West
		deg.-min.	deg.-min.	dec. degrees	dec. degrees
	TH	40° 39.14'	121° 32.25'	40.6523	-121.5375
	TH	40° 40.49'	121° 33.04'	40.6749	-121.5507
	TH	40° 40.53'	121° 33.85'	40.6756	-121.5642
	PL	40° 40.31'	121° 09.90'	40.6718	-121.1650
	PL	40° 40.55'	121° 08.79'	40.6758	-121.1465
	PL	40° 41.28'	121° 08.55'	40.6880	-121.1425
	HM	40° 41.92'	121° 06.82'	40.6987	-121.1137
	SM	40° 25.25'	121° 06.35'	40.4208	-121.1058
	LP	40° 23.35'	121° 32.54'	40.3892	-121.5424
	LP	40° 23.14'	121° 33.57'	40.3855	-121.5594
	MN	40° 22.43'	121° 31.78'	40.3739	-121.5297
	LP	40° 24.87'	121° 31.92'	40.4144	-121.5319
mafic inclusion	LP	40° 24.87'	121° 31.92'	40.4145	-121.5320
	LP	40° 24.21'	121° 31.68'	40.4035	-121.5280
	LP	40° 24.70'	121° 35.80'	40.4117	-121.5967
"Andesite of Heart Lake" in Clynne (1984)	LP	40° 26.00'	121° 35.53'	40.4333	-121.5922
	LP	40° 24.51'	121° 31.05'	40.4085	-121.5175
	LP	40° 24.30'	121° 31.33'	40.4050	-121.5222
"Andesite of Turner Mountain" in Clynne (1984)	LP	40° 23.07'	121° 37.37'	40.3844	-121.6228
mafic inclusion	MZ	40° 30.26'	121° 35.02'	40.5043	-121.5837
	GP	40° 27.88'	121° 41.68'	40.4647	-121.6947
"Andesite of Red Lake Mountain" in Clynne (1984)	GP	40° 28.20'	121° 41.52'	40.4700	-121.6919
	LP	40° 29.86'	121° 36.52'	40.4976	-121.6086
	MZ	40° 30.11'	121° 33.92'	40.5018	-121.5653
"Basalt" (Qbl) in Clynne (1984)	MZ	40° 30.10'	121° 34.13'	40.5017	-121.5689
"Eastern Basalt" in Clynne (1984)	RC	40° 27.75'	121° 13.86'	40.4625	-121.2310
"Andesite of Bailey Creek" in Clynne (1984)	LP	40° 27.75'	121° 34.92'	40.4625	-121.5819
"Andesite of Heart Lake" in Clynne (1984)	LP	40° 27.68'	121° 34.88'	40.4614	-121.5814
	LP	40° 27.98'	121° 34.70'	40.4664	-121.5783
	LP	40° 24.45'	121° 30.77'	40.4075	-121.5128
	LP	40° 24.45'	121° 30.80'	40.4075	-121.5133

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"Andesite of Ski Hill" in Clynne (1984)	LP	40° 24.97'	121° 31.10'	40.4161	-121.5183
	LP	40° 24.08'	121° 30.80'	40.4014	-121.5133
	LP	40° 28.67'	121° 33.18'	40.4778	-121.5531
	LP	40° 28.06'	121° 33.32'	40.4677	-121.5553
"Andesite of Blue Lake Canyon" in Clynne (1984)	LP	40° 28.49'	121° 33.75'	40.4749	-121.5624
gabbroic inclusion in LC80-451A collected from talu	LP	40° 28.63'	121° 33.62'	40.4772	-121.5604
	GP	40° 26.73'	121° 37.98'	40.4456	-121.6331
	GP	40° 27.68'	121° 37.82'	40.4614	-121.6303
	LP	40° 25.88'	121° 33.53'	40.4314	-121.5589
	LP	40° 26.70'	121° 33.71'	40.4450	-121.5652
"Andesite of Ski Hill" in Clynne (1984)	LP	40° 27.15'	121° 33.93'	40.4525	-121.5656
	LP	40° 26.98'	121° 34.48'	40.4497	-121.5747
	MN	40° 21.60'	121° 37.48'	40.3600	-121.6247
	LP	40° 26.98'	121° 34.78'	40.4497	-121.5797
	LP	40° 28.23'	121° 37.08'	40.4704	-121.6181
"Rhyodacite of Manzanita" in Clynne (1984)	MZ	40° 30.58'	121° 34.65'	40.5097	-121.5775
	LY	40° 21.02'	121° 37.67'	40.3503	-121.6278
unmapped dike of amd in amc	LP	40° 27.67'	121° 33.33'	40.4611	-121.5556
	FB	40° 20.79'	121° 45.56'	40.3465	-121.7593
	ST	40° 21.82'	121° 20.93'	40.3636	-121.3489
	MH	40° 23.03'	121° 21.28'	40.3839	-121.3547
	MH	40° 24.45'	121° 19.91'	40.4075	-121.3313
	MH	40° 26.18'	121° 21.52'	40.4364	-121.3586
	MH	40° 24.35'	121° 19.88'	40.4059	-121.3313
	MH	40° 24.87'	121° 20.43'	40.4144	-121.3406
	RP	40° 23.68'	121° 23.80'	40.3947	-121.3967
	ST	40° 21.45'	121° 21.42'	40.3575	-121.3569
collected from talus	WP	40° 31.47'	121° 28.57'	40.5244	-121.4761
mafic inclusion, collected from talus	WP	40° 31.47'	121° 28.57'	40.5245	-121.4762
	MZ	40° 33.40'	121° 31.77'	40.5567	-121.5294
collected from Chaos Jumbles (Qsj)	MZ	40° 32.55'	121° 32.32'	40.5425	-121.5386
mafic inclusion collected from Chaos Jumbles (Qsj)	MZ	40° 32.55'	121° 32.32'	40.5425	-121.5386
light dacite (Clynne, 1999)	WP	40° 30.48'	121° 28.92'	40.5080	-121.4820
mafic inclusion, light dacite (Clynne, 1999)	WP	40° 30.48'	121° 28.92'	40.5080	-121.4820
	MZ	40° 32.00'	121° 35.61'	40.5333	-121.5935
	LP	40° 27.90'	121° 30.78'	40.4650	-121.5131
	RP	40° 28.11'	121° 26.49'	40.4685	-121.4415

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mafic inclusion	RP	40° 28.11'	121° 26.49'	40.4685	-121.4415
	RP	40° 28.87'	121° 28.14'	40.4812	-121.4690
"Rhyodacite of Loomis" in Clynne (1984)	RP	40° 28.75'	121° 28.26'	40.4792	-121.4710
	RP	40° 28.66'	121° 27.82'	40.4777	-121.4637
	RP	40° 28.70'	121° 26.97'	40.4783	-121.4494
mafic inclusion	RP	40° 28.70'	121° 26.97'	40.4783	-121.4494
	RP	40° 28.32'	121° 24.35'	40.4719	-121.4058
mafic inclusion	RP	40° 28.32'	121° 24.35'	40.4720	-121.4058
	MH	40° 26.14'	121° 22.46'	40.4357	-121.3743
	MZ	40° 32.50'	121° 34.81'	40.5417	-121.5802
	MZ	40° 32.67'	121° 34.63'	40.5444	-121.5771
mafic inclusion	MZ	40° 32.68'	121° 34.61'	40.5446	-121.5768
	MZ	40° 32.55'	121° 31.25'	40.5625	-121.5208
collected from talus	RP	40° 29.76'	121° 28.97'	40.4960	-121.4828
	MZ	40° 30.22'	121° 30.02'	40.5036	-121.5003
	WP	40° 30.23'	121° 29.92'	40.5119	-121.4986
light dacite (Clynne, 1999)	RP	40° 29.84'	121° 29.17'	40.4974	-121.4861
"Basalt of Mount Harkness" in Clynne (1984)	MH	40° 26.18'	121° 18.12'	40.4364	-121.3019
	MH	40° 26.92'	121° 19.22'	40.4486	-121.3203
	MH	40° 28.65'	121° 20.17'	40.4775	-121.3361
	MH	40° 26.13'	121° 19.37'	40.4356	-121.3228
small unmapped outcrop	RP	40° 27.63'	121° 27.81'	40.4605	-121.4636
	GP	40° 27.45'	121° 40.57'	40.4576	-121.6762
	GP	40° 27.35'	121° 44.02'	40.4558	-121.7336
"Andesite of Ski Hill" in Clynne (1984)	LP	40° 26.70'	121° 31.08'	40.4450	-121.5181
	VI	40° 31.75'	121° 38.47'	40.5292	-121.6411
	LP	40° 28.39'	121° 30.26'	40.4731	-121.5043
mafic inclusion	LP	40° 28.39'	121° 30.26'	40.4731	-121.5043
	CM	40° 15.52'	121° 23.12'	40.2586	-121.3853
	CM	40° 17.40'	121° 25.30'	40.2900	-121.4217
	CM	40° 18.20'	121° 25.25'	40.3033	-121.4208
	LP	40° 27.88'	121° 30.28'	40.4647	-121.5047
	RP	40° 28.23'	121° 29.48'	40.4706	-121.4914
	WP	40° 30.80'	121° 27.82'	40.5133	-121.4637
	WP	40° 30.80'	121° 27.82'	40.5133	-121.4637
	WP	40° 30.80'	121° 27.82'	40.5133	-121.4637
	WP	40° 30.80'	121° 27.82'	40.5133	-121.4637

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	GP	40° 28.02'	121° 44.57'	40.4669	-121.7428
	GP	40° 26.94'	121° 42.79'	40.4490	-121.7132
collected from debris flow deposit Qwb	GP	40° 27.05'	121° 43.32'	40.4508	-121.7161
"Andesite of Red Lake Mountain" in Clynne (1984)	MZ	40° 32.45'	121° 36.27'	40.5411	-121.6046
	GP	40° 28.65'	121° 37.95'	40.4775	-121.6325
black dacite (Clynne, 1999)	LP	40° 29.35'	121° 30.25'	40.4892	-121.5042
light dacite (Clynne, 1999), overlies lava flow unit d	LP	40° 29.35'	121° 30.25'	40.4892	-121.5042
mafic inclusion in black dacite (Clynne, 1999)	LP	40° 29.23'	121° 30.47'	40.4872	-121.5078
mafic inclusion collected from talus	LP	40° 28.93'	121° 30.23'	40.4822	-121.5039
	LP	40° 28.53'	121° 30.30'	40.4756	-121.5049
dark andesite (Clynne, 1999)	WP	40° 30.83'	121° 27.92'	40.5139	-121.4653
	MZ	40° 34.20'	121° 31.63'	40.5700	-121.5272
	OS	40° 37.90'	121° 22.60'	40.6317	-121.3767
	CH	40° 21.26'	121° 12.19'	40.3543	-121.2031
	RC	40° 24.39'	121° 10.66'	40.4065	-121.1777
	RC	40° 25.61'	121° 09.31'	40.4268	-121.1552
	RC	40° 29.42'	121° 07.73'	40.4903	-121.1622
	BB	40° 32.47'	121° 09.20'	40.5411	-121.1533
	RP	40° 29.71'	121° 24.64'	40.4952	-121.4106
	RP	40° 28.55'	121° 28.60'	40.4758	-121.4767
	MH	40° 24.60'	121° 18.42'	40.4099	-121.3071
	MH	40° 23.10'	121° 18.27'	40.3851	-121.3045
	MH	40° 23.44'	121° 18.29'	40.3907	-121.3048
	MH	40° 25.86'	121° 19.58'	40.4310	-121.3263
	MH	40° 24.80'	121° 17.51'	40.4134	-121.2918
	MH	40° 25.72'	121° 19.88'	40.4287	-121.3313
	MH	40° 27.20'	121° 20.38'	40.4533	-121.3397
	MH	40° 27.22'	121° 21.28'	40.4537	-121.3546
	ST	40° 21.07'	121° 18.03'	40.3512	-121.3005
	MH	40° 26.92'	121° 21.33'	40.4487	-121.3555
	LP	40° 24.48'	121° 32.95'	40.4079	-121.5485
	LP	40° 24.40'	121° 33.23'	40.4067	-121.5539
	LP	40° 24.43'	121° 33.86'	40.4072	-121.5643
	LP	40° 26.55'	121° 32.08'	40.4425	-121.5347
	LP	40° 26.52'	121° 30.58'	40.4420	-121.5097
	LP	40° 27.85'	121° 33.07'	40.4642	-121.5511
	LP	40° 26.35'	121° 33.54'	40.4391	-121.5589

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collected from large block in landslide	LP	40° 25.92'	121° 32.62'	40.4320	-121.5437
	RP	40° 27.59'	121° 27.48'	40.4598	-121.4581
	RP	40° 23.73'	121° 28.32'	40.3955	-121.4721
	RP	40° 27.96'	121° 27.82'	40.4660	-121.4637
	WP	40° 30.03'	121° 25.25'	40.5005	-121.4208
	WP	40° 30.96'	121° 27.17'	40.5160	-121.4528
	WP	40° 34.14'	121° 28.13'	40.5690	-121.4689
	MZ	40° 35.23'	121° 32.19'	40.5872	-121.5364
	MZ	40° 36.94'	121° 30.26'	40.6157	-121.5043
outcrop under May 22, 1915 debris-flow deposit, u	MZ	40° 33.81'	121° 30.34'	40.5635	-121.5057
	MZ	40° 36.74'	121° 31.55'	40.6124	-121.5259
	WP	40° 35.57'	121° 26.44'	40.5928	-121.4407
	WP	40° 34.47'	121° 24.13'	40.5745	-121.4023
	WP	40° 34.43'	121° 27.41'	40.5738	-121.4568
	WP	40° 33.92'	121° 27.32'	40.5654	-121.4553
	WP	40° 34.12'	121° 27.81'	40.5687	-121.4635
	RP	40° 27.61'	121° 26.37'	40.4602	-121.4396
	SW	40° 37.67'	121° 16.63'	40.6279	-121.2772
	PP	40° 32.59'	121° 19.00'	40.5431	-121.3166
	WP	40° 34.28'	121° 22.52'	40.5713	-121.3754
	WP	40° 34.61'	121° 22.76'	40.5768	-121.3793
	OS	40° 38.95'	121° 23.90'	40.6492	-121.3983
	WP	40° 32.93'	121° 23.71'	40.5489	-121.3951
	LP	40° 28.17'	121° 30.98'	40.4695	-121.5164
	OS	40° 41.40'	121° 25.44'	40.6900	-121.4240
	OS	40° 41.31'	121° 25.36'	40.6884	-121.4227
	LP	40° 28.23'	121° 30.69'	40.4705	-121.5114
mafic inclusion	LP	40° 28.47'	121° 31.06'	40.4745	-121.5176
	LP	40° 28.47'	121° 31.06'	40.4745	-121.5176
mafic inclusion	LP	40° 28.55'	121° 31.16'	40.4758	-121.5193
	LP	40° 28.60'	121° 31.51'	40.4767	-121.5251
	WP	40° 32.56'	121° 23.63'	40.5427	-121.3938
	WP	40° 34.32'	121° 23.67'	40.5719	-121.3942
	WP	40° 34.29'	121° 23.85'	40.5715	-121.3975
	WP	40° 34.20'	121° 24.04'	40.5700	-121.4007
	WP	40° 34.70'	121° 24.22'	40.5783	-121.4037
	WP	40° 34.88'	121° 24.25'	40.5813	-121.4042

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	WP	40° 34.53'	121° 24.08'	40.5755	-121.4013
	WP	40° 35.20'	121° 23.87'	40.5866	-121.3979
	WP	40° 36.82'	121° 27.89'	40.6136	-121.4649
	WP	40° 34.30'	121° 26.84'	40.5716	-121.4473
	WP	40° 30.45'	121° 28.63'	40.5075	-121.4772
mafic inclusion	WP	40° 30.45'	121° 28.63'	40.5075	-121.4772
	PP	40° 32.63'	121° 19.48'	40.5438	-121.3247
	LP	40° 25.63'	121° 31.72'	40.4272	-121.5287
lowest pf in Manzanita Creek	MZ	40° 31.90'	121° 33.17'	40.5317	-121.5528
middle pf in Manzanita Creek	MZ	40° 31.90'	121° 33.17'	40.5317	-121.5528
uppermost pf in Manzanita Creek	MZ	40° 31.90'	121° 33.17'	40.5317	-121.5528
lower pf in Lost Creek	WP	40° 31.68'	121° 29.09'	40.5280	-121.4848
middle pf in Lost Creek	WP	40° 31.68'	121° 29.09'	40.5280	-121.4848
uppermost pf in Lost Creek	WP	40° 31.68'	121° 29.09'	40.5280	-121.4848
	LP	40° 28.98'	121° 30.25'	40.4831	-121.5041
mafic inclusion	LP	40° 28.98'	121° 30.25'	40.4831	-121.5041
lithic block of Chaos Crags Dome A	MZ	40° 30.75'	121° 30.77'	40.5125	-121.5128
clast of dome A in unit pc	MZ	40° 30.75'	121° 30.88'	40.5125	-121.5147
	MZ	40° 31.66'	121° 31.20'	40.5277	-121.5200
	MZ	40° 30.71'	121° 31.28'	40.5286	-121.5213
	MZ	40° 31.60'	121° 31.41'	40.5267	-121.5235
	MZ	40° 30.81'	121° 30.92'	40.5135	-121.5153
	MT	40° 26.76'	121° 47.48'	40.4460	-121.7913
	MZ	40° 32.18'	121° 30.08'	40.5363	-121.5013
collected from talus	MZ	40° 32.02'	121° 30.41'	40.5337	-121.5068
mafic inclusion	LP	40° 29.39'	121° 32.87'	40.4898	-121.5478
mafic inclusion	LP	40° 29.39'	121° 32.87'	40.4898	-121.5478
	MZ	40° 35.40'	121° 35.52'	40.5900	-121.5920
	MZ	40° 35.16'	121° 36.42'	40.5860	-121.6070
	MZ	40° 36.56'	121° 32.60'	40.6093	-121.5433
	MZ	40° 36.11'	121° 34.56'	40.6018	-121.5760
	TH	40° 38.25'	121° 34.57'	40.6375	-121.5762
	TH	40° 39.17'	121° 35.59'	40.6528	-121.5931
	MZ	40° 36.59'	121° 37.42'	40.6098	-121.6237
	LP	40° 28.21'	121° 31.61'	40.4702	-121.5268
	LP	40° 28.52'	121° 30.62'	40.4753	-121.5103
mafic inclusion	RP	40° 28.29'	121° 29.81'	40.4715	-121.4969

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	RP	40° 28.36'	121° 29.97'	40.4727	-121.4994
	LP	40° 28.42'	121° 31.07'	40.4737	-121.5178
	LP	40° 28.42'	121° 31.07'	40.4737	-121.5178
	LP	40° 28.29'	121° 31.59'	40.4715	-121.5264
	LP	40° 28.45'	121° 30.10'	40.4742	-121.5017
	VI	40° 32.33'	121° 42.49'	40.5388	-121.7082
	SW	40° 38.03'	121° 20.06'	40.6338	-121.3343
	PP	40° 37.11'	121° 19.03'	40.6185	-121.3172
	PP	40° 35.54'	121° 18.93'	40.5923	-121.3155
	PP	40° 34.56'	121° 15.98'	40.5760	-121.2663
	PP	40° 33.89'	121° 16.04'	40.5648	-121.2673
	LP	40° 28.80'	121° 31.88'	40.4800	-121.5313
	PP	40° 36.79'	121° 15.27'	40.6131	-121.2543
	PP	40° 35.81'	121° 15.12'	40.5968	-121.2520
	BB	40° 33.26'	121° 13.24'	40.5544	-121.2206
	BB	40° 31.25'	121° 10.68'	40.5208	-121.1780
	BB	40° 32.80'	121° 08.37'	40.5467	-121.1395
	BB	40° 32.02'	121° 07.95'	40.5337	-121.1325
	RP	40° 27.24'	121° 29.08'	40.4541	-121.4847
	RP	40° 27.30'	121° 29.51'	40.4550	-121.4918
	RP	40° 27.05'	121° 29.91'	40.4508	-121.4985
	LP	40° 26.14'	121° 30.41'	40.4357	-121.5068
	LP	40° 26.90'	121° 30.42'	40.4483	-121.5070
	LP	40° 27.14'	121° 30.25'	40.4523	-121.5042
mafic inclusion	MZ	40° 31.55'	121° 31.31'	40.5258	-121.5218
mafic inclusion	MZ	40° 31.63'	121° 31.32'	40.5272	-121.5220
mafic inclusion	MZ	40° 31.66'	121° 31.21'	40.5277	-121.5202
mafic inclusion	MZ	40° 31.63'	121° 31.22'	40.5272	-121.5203
	MZ	40° 30.39'	121° 31.27'	40.5065	-121.5212
collected from talus	MZ	40° 30.08'	121° 30.79'	40.5013	-121.5132
	BB	40° 34.81'	121° 13.01'	40.5802	-121.2168
	BB	40° 35.20'	121° 09.82'	40.5867	-121.1637
	BB	40° 34.80'	121° 09.70'	40.5800	-121.1617
	BB	40° 34.21'	121° 08.50'	40.5702	-121.1417
	BB	40° 33.19'	121° 09.59'	40.5532	-121.1598
	BB	40° 33.35'	121° 10.31'	40.5558	-121.1718
	VI	40° 31.33'	121° 40.81'	40.5222	-121.6802

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	TH	40° 38.73'	121° 32.24'	40.6456	-121.5374
	PL	40° 38.75'	121° 09.83'	40.6458	-121.1638
	VI	40° 33.16'	121° 40.05'	40.5527	-121.6675
	LP	40° 25.54'	121° 31.20'	40.4257	-121.5200
	LP	40° 25.08'	121° 31.04'	40.4180	-121.5173
	LP	40° 24.92'	121° 30.80'	40.4153	-121.5133
	LP	40° 24.98'	121° 30.83'	40.4163	-121.5138
	LP	40° 25.09'	121° 30.71'	40.4182	-121.5118
	LP	40° 25.17'	121° 30.69'	40.4195	-121.5115
	LP	40° 24.85'	121° 30.77'	40.4142	-121.5128
	LP	40° 25.70'	121° 31.20'	40.4283	-121.5200
mafic inclusion in lithic block of Dome A	MZ	40° 30.72'	121° 30.61'	40.5120	-121.5102
mafic inclusion collected from talus	MZ	40° 30.69'	121° 31.55'	40.5115	-121.5258
	WP	40° 30.26'	121° 27.86'	40.5043	-121.4643
light dacite (Clynne, 1999)	WP	40° 30.03'	121° 29.73'	40.5005	-121.4955
	CM	40° 17.66'	121° 25.14'	40.2943	-121.4190
	CM	40° 21.09'	121° 24.92'	40.3515	-121.4153
	CM	40° 21.77'	121° 24.95'	40.3628	-121.4158
	WP	40° 31.46'	121° 28.85'	40.5244	-121.4809
	MZ	40° 33.26'	121° 34.86'	40.5543	-121.5810
	MZ	40° 34.23'	121° 35.91'	40.5705	-121.5985
	WP	40° 31.61'	121° 27.17'	40.5268	-121.4528
	OS	40° 38.93'	121° 25.16'	40.6488	-121.4193
	RP	40° 26.23'	121° 28.02'	40.4372	-121.4670
mafic inclusion in and of Mt Diller collected from till	RP	40° 26.31'	121° 29.42'	40.4385	-121.4903
mafic inclusion in and of Mt Diller collected from till	RP	40° 26.31'	121° 29.42'	40.4385	-121.4903
	RP	40° 25.90'	121° 29.52'	40.4316	-121.4921
	RP	40° 26.44'	121° 29.07'	40.4407	-121.4845
	RP	40° 25.51'	121° 29.47'	40.4252	-121.4912
	MZ	40° 32.94'	121° 32.13'	40.5490	-121.5355
	LP	40° 27.86'	121° 33.69'	40.4643	-121.5615
	LP	40° 27.65'	121° 33.15'	40.4608	-121.5525
	CM	40° 22.24'	121° 25.01'	40.3707	-121.4168
	OS	40° 40.81'	121° 25.41'	40.6802	-121.4235
	PL	40° 40.68'	121° 12.85'	40.6780	-121.2142
	PL	40° 39.08'	121° 13.60'	40.6513	-121.2267
	PL	40° 37.60'	121° 13.67'	40.6267	-121.2278

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	BB	40° 37.23'	121° 13.06'	40.6205	-121.2177
	BB	40° 34.48'	121° 11.05'	40.5747	-121.1842
	BB	40° 33.83'	121° 10.31'	40.5638	-121.1718
	RC	40° 29.07'	121° 12.79'	40.4845	-121.2132
	RC	40° 29.34'	121° 13.59'	40.4890	-121.2265
	BB	40° 30.58'	121° 12.94'	40.5097	-121.2157
	BB	40° 30.29'	121° 11.34'	40.5048	-121.1890
	BB	40° 30.08'	121° 10.84'	40.5013	-121.1806
	PL	40° 39.13'	121° 12.57'	40.6522	-121.2095
	PL	40° 39.07'	121° 11.01'	40.6512	-121.1835
	BB	40° 36.87'	121° 09.91'	40.6145	-121.1652
	BB	40° 36.82'	121° 10.04'	40.6137	-121.1673
	RP	40° 28.74'	121° 24.87'	40.4790	-121.4145
	RP	40° 28.57'	121° 22.94'	40.4761	-121.3823
	MH	40° 27.86'	121° 22.50'	40.4644	-121.3749
mafic inclusion	MH	40° 27.84'	121° 22.47'	40.4640	-121.3745
	RP	40° 27.58'	121° 25.55'	40.4597	-121.4258
	RP	40° 28.03'	121° 24.72'	40.4672	-121.4120
	MH	40° 28.66'	121° 18.34'	40.4777	-121.3057
	MH	40° 28.87'	121° 19.90'	40.4812	-121.3317
	LP	40° 24.03'	121° 31.29'	40.4005	-121.5215
	LP	40° 27.73'	121° 30.85'	40.4622	-121.5142
	PP	40° 30.43'	121° 21.97'	40.5072	-121.3662
mafic inclusion	MH	40° 29.42'	121° 21.16'	40.4903	-121.3527
	MH	40° 29.42'	121° 21.16'	40.4903	-121.3527
	MH	40° 29.49'	121° 21.16'	40.4915	-121.3527
	PP	40° 31.38'	121° 21.71'	40.5230	-121.3618
	MH	40° 29.70'	121° 15.03'	40.4951	-121.2506
	MH	40° 29.75'	121° 15.21'	40.4958	-121.2535
	LP	40° 29.79'	121° 30.01'	40.4965	-121.5002
mafic inclusion	LP	40° 29.79'	121° 30.01'	40.4965	-121.5002
light dacite (Clynne, 1999)	RP	40° 29.83'	121° 29.29'	40.4972	-121.4882
	MZ	40° 32.46'	121° 31.09'	40.5410	-121.5182
mafic inclusion	MZ	40° 31.61'	121° 31.90'	40.5268	-121.5317
clast in unit pcd	MZ	40° 31.65'	121° 32.01'	40.5274	-121.5334
collected from talus	LP	40° 28.95'	121° 30.84'	40.4825	-121.5140
	MZ	40° 30.23'	121° 31.49'	40.5038	-121.5248

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mafic inclusion	MZ	40° 30.23'	121° 31.49'	40.5038	-121.5248
	MZ	40° 30.26'	121° 30.94'	40.5043	-121.5157
	WP	40° 30.59'	121° 27.71'	40.5099	-121.4619
	MZ	40° 33.50'	121° 31.86'	40.5583	-121.5310
	SH	40° 25.44'	121° 58.98'	40.4240	-121.9830
	MT	40° 26.00'	121° 46.05'	40.4333	-121.7675
	MT	40° 25.36'	121° 46.54'	40.4227	-121.7757
	PP	40° 31.81'	121° 16.11'	40.5302	-121.2685
	BB	40° 35.15'	121° 10.89'	40.5858	-121.1815
	BB	40° 31.09'	121° 11.58'	40.5182	-121.1930
	BB	40° 32.38'	121° 14.21'	40.5397	-121.2368
	PP	40° 32.11'	121° 17.81'	40.5352	-121.2968
	MH	40° 29.69'	121° 17.10'	40.4948	-121.2850
	PP	40° 32.82'	121° 17.63'	40.5470	-121.2938
	PP	40° 32.79'	121° 17.67'	40.5465	-121.2945
	PP	40° 30.36'	121° 15.68'	40.5060	-121.2613
	PP	40° 31.81'	121° 17.59'	40.5302	-121.2931
unmapped small plug of amd in amc	LP	40° 27.18'	121° 33.43'	40.4530	-121.5572
	LP	40° 27.04'	121° 33.44'	40.4507	-121.5573
	LP	40° 28.09'	121° 34.20'	40.4682	-121.5700
	LP	40° 28.04'	121° 33.73'	40.4673	-121.5622
	LP	40° 27.84'	121° 33.77'	40.4640	-121.5628
mafic inclusion	LP	40° 27.84'	121° 33.77'	40.4640	-121.5628
	LP	40° 27.91'	121° 34.30'	40.4652	-121.5717
	LP	40° 28.42'	121° 31.07'	40.4737	-121.5178
	LP	40° 28.37'	121° 31.19'	40.4728	-121.5198
mafic inclusion	LP	40° 28.70'	121° 31.21'	40.4783	-121.5202
black dacite (Clynne, 1999)	LP	40° 29.35'	121° 30.44'	40.4892	-121.5073
mafic inclusion, black dacite (Clynne, 1999)	LP	40° 29.35'	121° 30.44'	40.4892	-121.5073
	MZ	40° 30.35'	121° 30.18'	40.5058	-121.5030
	WP	40° 30.44'	121° 29.40'	40.5073	-121.4900
	MT	40° 26.22'	121° 51.69'	40.4370	-121.8615
	MT	40° 26.28'	121° 51.63'	40.4380	-121.8605
	WP	40° 36.93'	121° 24.66'	40.6155	-121.4110
mafic inclusion, collected from talus	MZ	40° 31.40'	121° 31.96'	40.5233	-121.5327
mafic inclusion	MZ	40° 32.57'	121° 34.71'	40.5428	-121.5785
	LY	40° 20.58'	121° 40.80'	40.3430	-121.6800

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Clynne Chemistry Locations

	SH	40° 25.48'	121° 59.01'	40.4247	-121.9835
	RC	40° 27.92'	121° 10.62'	40.4653	-121.1770
	RC	40° 27.87'	121° 10.68'	40.4645	-121.1780
	RC	40° 28.56'	121° 10.77'	40.4760	-121.1795
	RC	40° 28.94'	121° 09.99'	40.4823	-121.1665
	RC	40° 28.93'	121° 10.91'	40.4822	-121.1818
	MN	40° 16.20'	121° 34.64'	40.2700	-121.5773
	MN	40° 16.12'	121° 36.11'	40.2687	-121.6018
	MN	40° 16.51'	121° 36.18'	40.2752	-121.6030
	MN	40° 17.52'	121° 37.07'	40.2920	-121.6178
	MN	40° 17.36'	121° 33.95'	40.2893	-121.5658
	MN	40° 20.61'	121° 32.38'	40.3435	-121.5397
	MN	40° 19.91'	121° 31.57'	40.3318	-121.5262
	MN	40° 16.79'	121° 31.90'	40.2799	-121.5317
	MN	40° 15.25'	121° 32.68'	40.2542	-121.5447
	MN	40° 21.09'	121° 33.01'	40.3515	-121.5501
	OS	40° 40.55'	121° 26.07'	40.6758	-121.4345
	OS	40° 38.52'	121° 25.59'	40.6420	-121.4265
	PP	40° 33.03'	121° 18.67'	40.5505	-121.3112
	PP	40° 36.79'	121° 21.72'	40.6132	-121.3620
	OS	40° 38.88'	121° 25.85'	40.6480	-121.4308
	MH	40° 29.68'	121° 17.40'	40.4947	-121.2900
	RP	40° 26.02'	121° 25.64'	40.4337	-121.4273
	RP	40° 29.07'	121° 29.78'	40.4845	-121.4963
mafic inclusion	RP	40° 29.07'	121° 29.78'	40.4845	-121.4963
	OS	40° 39.61'	121° 26.29'	40.6602	-121.4382
mafic inclusion	MZ	40° 32.26'	121° 35.71'	40.5377	-121.5982
mafic inclusion	MZ	40° 32.26'	121° 35.71'	40.5377	-121.5952
	LP	40° 29.27'	121° 30.23'	40.4878	-121.5038
mafic inclusion	LP	40° 29.27'	121° 30.23'	40.4878	-121.5038
mafic inclusion	RP	40° 28.44'	121° 29.72'	40.4740	-121.4953
	WP	40° 30.93'	121° 28.86'	40.5155	-121.4810
mafic inclusion in clast of dome A in unit pc	MZ	40° 30.52'	121° 31.08'	40.5087	-121.5180
	MZ	40° 30.43'	121° 30.78'	40.5072	-121.5130
mafic inclusion	MZ	40° 30.43'	121° 30.78'	40.5072	-121.5130
mafic inclusion	MZ	40° 30.02'	121° 30.78'	40.5003	-121.5129
	OS	40° 38.87'	121° 26.98'	40.6478	-121.4497

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	OS	40° 39.19'	121° 24.81'	40.6532	-121.4135
	MN	40° 20.91'	121° 33.02'	40.3485	-121.5503
	LY	40° 21.37'	121° 39.44'	40.3562	-121.6573
	MN	40° 21.58'	121° 36.90'	40.3597	-121.6150
	BK	40° 12.73'	121° 44.62'	40.2122	-121.7437
	MN	40° 21.94'	121° 36.42'	40.3657	-121.6070
	MN	40° 21.65'	121° 32.36'	40.3608	-121.5393
	LY	40° 21.81'	121° 37.70'	40.3636	-121.6283
	LY	40° 21.62'	121° 39.47'	40.3603	-121.6578
	LY	40° 21.68'	121° 39.05'	40.3613	-121.6508
	LY	40° 21.33'	121° 38.38'	40.3555	-121.6397
	LY	40° 19.33'	121° 37.69'	40.3222	-121.6282
	LY	40° 19.51'	121° 37.67'	40.3252	-121.6273
	MN	40° 19.57'	121° 37.32'	40.3262	-121.6220
	MN	40° 17.67'	121° 36.49'	40.2945	-121.6082
	MN	40° 17.38'	121° 36.55'	40.2897	-121.6092
	TH	40° 39.52'	121° 31.81'	40.6587	-121.5302
	TH	40° 39.12'	121° 31.78'	40.6520	-121.5297
	VI	40° 34.34'	121° 41.05'	40.5723	-121.6842
from cone buried by unit bk2	MZ	40° 36.88'	121° 37.26'	40.6147	-121.6210
	OS	40° 41.71'	121° 25.50'	40.6951	-121.4250
	SH	40° 25.97'	121° 56.80'	40.4328	-121.9466
	MT	40° 27.56'	121° 51.22'	40.4593	-121.8537
	CM	40° 16.79'	121° 23.96'	40.2798	-121.3993
	MH	40° 25.64'	121° 19.93'	40.4273	-121.3322
	ST	40° 19.63'	121° 18.45'	40.3272	-121.3075
	MN	40° 19.60'	121° 33.87'	40.3267	-121.5645
mafic inclusion collected from clast in pyroclastic flow	MZ	40° 30.57'	121° 31.23'	40.5095	-121.5205
mafic inclusion, collected from talus	MZ	40° 31.88'	121° 30.36'	40.5313	-121.5060
	ST	40° 17.07'	121° 15.91'	40.2845	-121.2652
	CH	40° 17.91'	121° 08.50'	40.2985	-121.1417
	CH	40° 19.55'	121° 14.13'	40.3258	-121.2355
	PP	40° 31.94'	121° 19.33'	40.5323	-121.3222
	PP	40° 33.79'	121° 18.06'	40.5632	-121.3010
	PP	40° 33.84'	121° 17.71'	40.5639	-121.2951
	WP	40° 31.10'	121° 29.79'	40.5183	-121.4965
	MZ	40° 30.56'	121° 30.54'	40.5093	-121.5090

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Clynne Chemistry Locations

	LP	40° 28.61'	121° 31.85'	40.4768	-121.5309
mafic inclusion	RP	40° 28.65'	121° 28.90'	40.4775	-121.4817
	OS	40° 37.75'	121° 22.99'	40.6292	-121.3817
	MZ	40° 31.47'	121° 31.06'	40.5245	-121.5177
	TH	40° 40.29'	121° 33.53'	40.6716	-121.5588
mafic inclusion collected from talus	RP	40° 29.62'	121° 29.22'	40.4937	-121.4870
mafic inclusion	RP	40° 29.11'	121° 28.57'	40.4852	-121.4762
	RP	40° 28.41'	121° 29.97'	40.4735	-121.4995
mafic inclusion	LP	40° 28.50'	121° 30.07'	40.4750	-121.5012
	SW	40° 38.28'	121° 21.65'	40.6380	-121.3608
	LP	40° 24.79'	121° 30.69'	40.4131	-121.5115
	LP	40° 24.77'	121° 30.64'	40.4128	-121.5107
	LP	40° 24.78'	121° 30.67'	40.4129	-121.5112
	LP	40° 24.78'	121° 30.59'	40.4130	-121.5099
	LP	40° 29.16'	121° 34.66'	40.4860	-121.5777
	LP	40° 27.78'	121° 34.49'	40.4629	-121.5748
	LP	40° 27.71'	121° 34.49'	40.4618	-121.5748
	LP	40° 27.54'	121° 34.60'	40.4590	-121.5767
	LP	40° 27.49'	121° 34.57'	40.4582	-121.5761
	LP	40° 27.36'	121° 34.54'	40.4559	-121.5757
	LP	40° 25.82'	121° 31.21'	40.4303	-121.5202
	LP	40° 25.56'	121° 31.63'	40.4260	-121.5271
	LP	40° 25.58'	121° 31.62'	40.4263	-121.5269
	LP	40° 25.59'	121° 31.65'	40.4265	-121.5275
	LP	40° 25.61'	121° 31.66'	40.4268	-121.5276
	LP	40° 25.62'	121° 31.71'	40.4270	-121.5285
	LP	40° 25.69'	121° 31.94'	40.4282	-121.5323
	MH	40° 26.46'	121° 15.85'	40.4410	-121.2642
	MH	40° 27.18'	121° 15.91'	40.4530	-121.2652
	MH	40° 27.38'	121° 15.43'	40.4563	-121.2572
	RC	40° 27.23'	121° 14.21'	40.4538	-121.2368
	RC	40° 28.87'	121° 14.09'	40.4812	-121.2348
	RC	40° 29.38'	121° 13.83'	40.4897	-121.2306
	RC	40° 29.02'	121° 14.03'	40.4836	-121.2339
	RC	40° 28.68'	121° 14.20'	40.4781	-121.2367
	RC	40° 29.05'	121° 12.82'	40.4842	-121.2136
	RC	40° 27.73'	121° 14.30'	40.4622	-121.2383

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Clynne Chemistry Locations

	RC	40° 27.23'	121° 12.32'	40.4539	-121.2053
	RC	40° 26.37'	121° 09.40'	40.4394	-121.1567
	RC	40° 26.89'	121° 11.00'	40.4482	-121.1833
	RC	40° 26.35'	121° 11.33'	40.4392	-121.1889
	RC	40° 26.55'	121° 11.22'	40.4425	-121.1869
	RC	40° 25.78'	121° 11.65'	40.4297	-121.1941
	RP	40° 23.99'	121° 29.64'	40.3998	-121.4940
	CM	40° 21.03'	121° 25.77'	40.3506	-121.4296
	LP	40° 23.19'	121° 34.91'	40.3866	-121.5818
	GP	40° 23.11'	121° 41.11'	40.3852	-121.6851
	LY	40° 22.22'	121° 43.56'	40.3703	-121.7260
	CM	40° 22.49'	121° 26.15'	40.3748	-121.4358
	RP	40° 25.21'	121° 29.74'	40.4201	-121.4957
	LP	40° 25.12'	121° 30.68'	40.4187	-121.5113
	RP	40° 25.34'	121° 29.83'	40.4223	-121.4971
	RP	40° 25.19'	121° 29.66'	40.4198	-121.4943
	CM	40° 21.51'	121° 24.94'	40.3585	-121.4157
	LP	40° 24.48'	121° 30.46'	40.4081	-121.5077
	LP	40° 24.48'	121° 30.34'	40.4079	-121.5056
	LP	40° 24.60'	121° 30.50'	40.4100	-121.5084
	LP	40° 24.74'	121° 30.70'	40.4123	-121.5117
	LP	40° 25.84'	121° 30.57'	40.4307	-121.5094
	RP	40° 26.15'	121° 29.98'	40.4359	-121.4996
	RP	40° 24.07'	121° 25.78'	40.4012	-121.4296
	RP	40° 24.10'	121° 23.61'	40.4017	-121.3935
	RP	40° 23.51'	121° 23.85'	40.3919	-121.3974
	LP	40° 27.43'	121° 30.85'	40.4572	-121.5141
	OS	40° 40.87'	121° 23.54'	40.6811	-121.3924
	CM	40° 21.63'	121° 23.70'	40.3605	-121.3951
	ST	40° 20.52'	121° 18.67'	40.3420	-121.3111
	CM	40° 21.48'	121° 24.27'	40.3580	-121.4045
	ST	40° 20.05'	121° 18.33'	40.3342	-121.3054
	BB	40° 35.98'	121° 14.49'	40.5997	-121.2415
	BB	40° 31.67'	121° 12.84'	40.5278	-121.2140
	BB	40° 31.71'	121° 12.11'	40.5285	-121.2018
	BB	40° 32.16'	121° 11.78'	40.5360	-121.1963
	PP	40° 32.00'	121° 15.46'	40.5333	-121.2577

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	PP	40° 31.97'	121° 15.04'	40.5328	-121.2507
	PP	40° 32.48'	121° 15.24'	40.5413	-121.2540
	PP	40° 34.44'	121° 20.48'	40.5740	-121.3414
	PP	40° 34.59'	121° 16.97'	40.5766	-121.2828
	RC	40° 29.91'	121° 14.45'	40.4985	-121.2408
	BB	40° 30.92'	121° 13.09'	40.5153	-121.2182
	PP	40° 33.44'	121° 16.80'	40.5573	-121.2800
	PP	40° 33.54'	121° 16.72'	40.5590	-121.2787
	PP	40° 33.75'	121° 16.98'	40.5624	-121.2830
	TH	40° 40.88'	121° 30.93'	40.6813	-121.5155
	OS	40° 40.92'	121° 29.53'	40.6820	-121.4922
	RC	40° 29.23'	121° 10.78'	40.4871	-121.1796
	RC	40° 29.19'	121° 11.30'	40.4865	-121.1883
	RC	40° 26.36'	121° 12.28'	40.4393	-121.2047
	RC	40° 26.63'	121° 12.78'	40.4438	-121.2130
	RC	40° 26.79'	121° 12.65'	40.4464	-121.2108
	RC	40° 27.36'	121° 12.56'	40.4560	-121.2093
	RC	40° 27.55'	121° 11.92'	40.4592	-121.1987
	RC	40° 29.21'	121° 10.67'	40.4868	-121.1778
	RC	40° 29.82'	121° 11.82'	40.4970	-121.1970
	PP	40° 37.03'	121° 18.03'	40.6172	-121.3005
	RC	40° 24.37'	121° 13.49'	40.4062	-121.2248
	RC	40° 26.87'	121° 13.82'	40.4478	-121.2303
	RC	40° 26.82'	121° 13.78'	40.4470	-121.2297
	RC	40° 24.06'	121° 13.27'	40.4010	-121.2212
	RC	40° 24.97'	121° 15.00'	40.4162	-121.2500
	RC	40° 25.08'	121° 14.92'	40.4180	-121.2486
	RC	40° 26.50'	121° 14.72'	40.4417	-121.2454
	RC	40° 27.98'	121° 12.98'	40.4663	-121.2163
	RC	40° 28.03'	121° 13.94'	40.4672	-121.2323
	RC	40° 28.54'	121° 14.18'	40.4757	-121.2363
	RC	40° 29.64'	121° 12.19'	40.4940	-121.2032
	RC	40° 28.96'	121° 12.14'	40.4827	-121.2023
	LP	40° 29.81'	121° 30.68'	40.4968	-121.5113
	BB	40° 31.75'	121° 07.94'	40.5292	-121.1323
	BB	40° 32.75'	121° 07.81'	40.5458	-121.1302
	BB	40° 33.98'	121° 07.65'	40.5663	-121.1275

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	BB	40° 33.73'	121° 07.96'	40.5622	-121.1327
	BB	40° 33.71'	121° 08.54'	40.5619	-121.1424
	BB	40° 34.09'	121° 09.00'	40.5682	-121.1500
	PC	40° 33.56'	121° 07.29'	40.5593	-121.1215
	BB	40° 32.87'	121° 07.95'	40.5478	-121.1325
	BB	40° 34.62'	121° 08.38'	40.5770	-121.1397
	BB	40° 34.26'	121° 07.79'	40.5710	-121.1298
	BB	40° 34.66'	121° 08.00'	40.5777	-121.1333
	BB	40° 34.26'	121° 09.32'	40.5710	-121.1553
	BB	40° 34.38'	121° 09.44'	40.5730	-121.1573
	BB	40° 34.80'	121° 10.18'	40.5800	-121.1696
	BB	40° 34.43'	121° 10.22'	40.5738	-121.1703
	BB	40° 35.02'	121° 10.42'	40.5837	-121.1737
	BB	40° 35.76'	121° 10.43'	40.5960	-121.1738
	BB	40° 36.70'	121° 10.71'	40.6117	-121.1786
	BB	40° 35.55'	121° 09.10'	40.5924	-121.1517
	BB	40° 35.84'	121° 08.22'	40.5973	-121.1370
	PL	40° 37.99'	121° 09.02'	40.6332	-121.1503
	PL	40° 37.64'	121° 10.11'	40.6273	-121.1685
	BB	40° 35.76'	121° 11.25'	40.5960	-121.1875
	BB	40° 35.90'	121° 10.95'	40.5983	-121.1825
	BB	40° 36.45'	121° 11.27'	40.6074	-121.1878
	PL	40° 37.53'	121° 10.49'	40.6255	-121.1748
	PL	40° 38.04'	121° 11.42'	40.6339	-121.1903
	PL	40° 38.94'	121° 10.79'	40.6490	-121.1798
	PL	40° 38.25'	121° 11.34'	40.6375	-121.1890
	PL	40° 38.97'	121° 12.34'	40.6495	-121.2057
	BB	40° 37.30'	121° 12.16'	40.6217	-121.2026
	PL	40° 37.52'	121° 12.02'	40.6253	-121.2003
	BB	40° 36.22'	121° 11.79'	40.6037	-121.1965
	PL	40° 37.86'	121° 13.55'	40.6310	-121.2259
	PL	40° 38.46'	121° 13.61'	40.6410	-121.2268
	PL	40° 38.62'	121° 13.08'	40.6437	-121.2180
	PL	40° 39.45'	121° 14.52'	40.6574	-121.2420
	PL	40° 40.26'	121° 14.61'	40.6711	-121.2436
	PL	40° 38.26'	121° 13.24'	40.6376	-121.2207
	PL	40° 40.93'	121° 12.33'	40.6821	-121.2055

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	PL	40° 41.18'	121° 11.80'	40.6863	-121.1966
	PP	40° 37.26'	121° 15.40'	40.6210	-121.2567
	PP	40° 37.40'	121° 15.69'	40.6233	-121.2615
	PC	40° 31.71'	121° 06.61'	40.5285	-121.1102
	PC	40° 30.37'	121° 07.09'	40.5128	-121.1182
	RC	40° 26.76'	121° 09.37'	40.4460	-121.1562
	RC	40° 25.83'	121° 09.59'	40.4305	-121.1599
	RC	40° 25.70'	121° 09.00'	40.4283	-121.1500
	RC	40° 25.42'	121° 09.32'	40.4237	-121.1553
	RC	40° 25.09'	121° 10.02'	40.4182	-121.1670
	RC	40° 24.97'	121° 09.10'	40.4162	-121.1517
	SM	40° 24.18'	121° 07.47'	40.4030	-121.1245
	RC	40° 28.87'	121° 09.92'	40.4811	-121.1653
	RC	40° 27.95'	121° 08.48'	40.4658	-121.1413
	RC	40° 28.05'	121° 09.63'	40.4674	-121.1605
	CH	40° 21.19'	121° 07.72'	40.3532	-121.1287
	CH	40° 20.82'	121° 08.68'	40.3470	-121.1447
	CH	40° 20.09'	121° 10.62'	40.3348	-121.1770
	RC	40° 22.97'	121° 13.07'	40.3828	-121.2178
	CH	40° 21.39'	121° 13.99'	40.3565	-121.2332
	RC	40° 23.82'	121° 10.41'	40.3970	-121.1735
	LY	40° 21.38'	121° 44.03'	40.3563	-121.7338
	GP	40° 22.74'	121° 39.55'	40.3790	-121.6592
	LY	40° 22.05'	121° 41.42'	40.3675	-121.6903
	LY	40° 21.49'	121° 39.35'	40.3582	-121.6558
	LY	40° 21.62'	121° 38.37'	40.3603	-121.6395
	LY	40° 21.59'	121° 42.71'	40.3598	-121.7118
	LY	40° 21.26'	121° 41.54'	40.3543	-121.6923
	LY	40° 20.71'	121° 38.64'	40.3452	-121.6440
	LY	40° 20.34'	121° 42.55'	40.3390	-121.7092
	LY	40° 19.61'	121° 44.88'	40.3268	-121.7480
outcrop mostly buried by debris flow deposits	LY	40° 17.77'	121° 43.23'	40.2962	-121.7204
	LY	40° 19.05'	121° 42.58'	40.3175	-121.7097
	LY	40° 17.60'	121° 41.49'	40.2933	-121.6915
	LY	40° 16.53'	121° 41.18'	40.2755	-121.6863
	LY	40° 15.94'	121° 37.84'	40.2657	-121.6307
	OB	40° 14.78'	121° 37.47'	40.2463	-121.6245

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Clynne Chemistry Locations

	MN	40° 15.28'	121° 34.90'	40.2547	-121.5817
	MN	40° 16.83'	121° 31.39'	40.2805	-121.5232
	OB	40° 14.62'	121° 31.14'	40.2437	-121.5189
	MN	40° 16.90'	121° 33.27'	40.2817	-121.5545
	SM	40° 26.74'	121° 04.84'	40.4457	-121.0807
	SM	40° 25.45'	121° 06.08'	40.4242	-121.1013
	SW	40° 38.19'	121° 17.72'	40.6365	-121.2953
	PL	40° 39.15'	121° 10.52'	40.6525	-121.1753
	PL	40° 39.95'	121° 08.56'	40.6658	-121.1427
	HM	40° 40.32'	121° 07.47'	40.6721	-121.1245
	SW	40° 39.29'	121° 19.25'	40.6548	-121.3208
	OS	40° 38.76'	121° 23.00'	40.6460	-121.3833
	OS	40° 38.70'	121° 22.96'	40.6450	-121.3827
	OS	40° 38.83'	121° 23.12'	40.6472	-121.3853
	OS	40° 38.99'	121° 23.25'	40.6498	-121.3875
	LY	40° 15.77'	121° 40.98'	40.2628	-121.6830
	HP	40° 14.53'	121° 28.42'	40.2422	-121.4737
	HP	40° 13.43'	121° 29.65'	40.2239	-121.4942
	OB	40° 13.70'	121° 30.38'	40.2283	-121.5063
	OB	40° 13.42'	121° 30.35'	40.2237	-121.5058
	CM	40° 15.62'	121° 27.10'	40.2603	-121.4517
	OB	40° 10.68'	121° 36.43'	40.1780	-121.6072
	BK	40° 11.77'	121° 37.88'	40.1962	-121.6313
	OB	40° 12.72'	121° 36.17'	40.2120	-121.6028
	MN	40° 15.97'	121° 32.58'	40.2662	-121.5430
	PC	40° 35.30'	121° 04.89'	40.5883	-121.0815
	HM	40° 37.91'	121° 06.44'	40.6318	-121.1073
	PP	40° 34.27'	121° 15.97'	40.5711	-121.2662
	SW	40° 40.38'	121° 15.68'	40.6730	-121.2613
	PL	40° 40.24'	121° 12.93'	40.6707	-121.2155