

University of Wisconsin-Madison

Core	Library #	Location	Core Depth ft.	Sample #	Lithology/Mineralogy	d ¹³ C (PDB)	d18O (SMOW)	% Calcite	Notes
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	283	CCR-283	micrite	1.84	23.29	30	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	285.1	CCR-285.1	lam. siltstone	-4.84	18.12	51	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	285.1	CCR-285.1	lam. siltstone	-3.43	18.13	61	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	285.1	CCR-285.1 weighted average	lam. siltstone	-4.18	18.12	51	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	292	CCR-292	silty micrite	-3.15	22.12	24	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	295	CCR-295	micrite w/fossil hash	-0.83	22.17	10	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	295	CCR-295	micrite w/fossil hash	1.49	23.22	10	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	295	CCR-295 weighted average	micrite w/fossil hash	0.35	22.70		
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	307	CCR-307	lam. micrite	4.43	25.78	77	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	313.1	CCR-313.1	weakly lam. micrite	5.35	26.66	17	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	319	CCR-319	lam. micrite	4.14	26.29	7	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	319	CCR-319	lam. micrite	4.53	26.17	7	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	319	CCR-319 weighted average	lam. micrite	4.34	26.22		
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	325	CCR-325	lam. micrite	5.80	27.83	4	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	331	CCR-331	lam. micrite	4.35	27.21	82	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	337.1	CCR-337.1	black lam. micrite	5.07	27.37	77	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	355	CCR-355	lam. micrite	5.09	26.86	61	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	367	CCR-367	lam. micrite	5.35	27.68	61	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	376	CCR-376	lam. micrite	2.87	25.58	72	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	388	CCR-388	lam. micrite	3.40	26.81	60	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	400	CCR-400	lam. micrite	3.16	26.69	41	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1701.0	CCR1-1701	Dolomite	3.25	24.65	0.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1702.5	CCR1-1702.5	Dolomite	2.78	25.73	6.7	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1717.0	CCR1-1717.0	Dolomite	8.14	29.94	7.2	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1721.5	CCR1-1721.5	Dolomite	10.48	31.03	10.7	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1726.0	CCR-1726.0	Dolomite	8.30	29.18	11.2	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1728.5	CCR-1728.5	Dolomite	8.28		11.2	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1728.5	CCR-1728.5	Dolomite	8.39		11.2	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1728.5	CCR-1728.5	Dolomite	8.34	29.71	11.2	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1732.0	CCR-1732.0	Dolomite	8.60	29.14	6.4	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1735.0	CCR-1735.0	Dolomite	7.71		16.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1735.0	CCR-1735.0	Dolomite	7.66		16.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1735.0	CCR-1735.0	Dolomite	7.62		16.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1735.0	CCR-1735.0	Dolomite	7.66	29.10	16.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1741.0	CCR-1741.0	Calcite	10.40		100.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1741.0	CCR-1741.0	Calcite	10.47		100.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1741.0	CCR-1741.0	Calcite	10.44	30.01	100.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1747.0	CCR-1747.0	Calcite	10.89		100.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1747.0	CCR-1747.0	Calcite	11.07		100.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1747.0	CCR-1747.0	Calcite	10.98	29.79	100.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1754.0	CCR-1754.0	Dolomite	11.01		0.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1754.0	CCR-1754.0	Dolomite	11.02		0.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1754.0	CCR-1754.0	Dolomite	11.02	30.20	0.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1763.0	CCR-1763.0	Mixed	3.39	27.60	63.8	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1772.0	CCR-1772.0	Mixed	4.05		60.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1772.0	CCR-1772.0	Mixed	3.98		60.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1772.0	CCR-1772.0	Mixed	4.01	28.09	60.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1780.0	CCR-1780.0	Mixed	3.59		58.8	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1780.0	CCR-1780.0	Mixed	3.56		58.8	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1780.0	CCR-1780.0	Mixed	3.58	27.54	58.8	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1783.2	CCR-1783.2	Mixed	7.20	29.43	32.0	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1793.1	CCR-1793.1	Mixed	1.34		64.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1793.1	CCR-1793.1	Mixed	1.38		64.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1793.1	CCR-1793.1	Mixed	1.36	25.16	64.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1799.0	CCR-1799.0	Mixed	3.52	25.60	69.6	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1802.0	CCR-1802.0	Mixed	1.84	22.98	60.7	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1805.0	CCR-1805.0	Calcite	1.41		81.1	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1805.0	CCR-1805.0	Calcite	1.39		81.1	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1805.0	CCR-1805.0	Calcite	1.40	22.62	81.1	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1811.0	CCR-1811.0	Mixed	4.10	26.55	41.8	
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1820.0	CCR-1820.0	Dolomite	11.09		2.2	

US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1820.0	CCR-1820.0	Dolomite	11.12		2.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1820.0	CCR-1820.0	Dolomite	11.11	28.61	2.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1826.0	CCR1-1826	Mixed	2.03	22.84	74.9
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1829.0	CCR-1829.0	Calcite	2.41		93.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1829.0	CCR-1829.0	Calcite	2.28		93.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1829.0	CCR-1829.0	Calcite	2.35	22.09	93.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1834.0	CCR-1834.0	Calcite	1.83		22.48
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1837.0	CCR-1837.0	Calcite	1.61		22.44
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1840.3	CCR-1840.25	Calcite	2.99		24.23
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1843.0	CCR-1843.0	Mixed	3.50		24.43
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1846.5	CCR-1846.5	Mixed	0.85		23.89
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1849.0	CCR-1849.0	Calcite	10.18		27.59
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1855.8	CCR-1855.75	Calcite	5.31		27.89
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1856.8	CCR1-1856.75	Mixed	7.14		29.53
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1859.0	CCR-1859.0	Mixed	7.86		29.72
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1864.0	CCR-1864.0	Mixed	6.78		29.04
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1867.0	CCR-1867.0	Mixed	8.14		33.3
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1867.0	CCR-1867.0	Mixed	8.19		33.3
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1867.0	CCR-1867.0	Mixed	8.21		33.3
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1867.0	CCR-1867.0	Mixed	8.18	28.91	33.3
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1869.5	CCR1-1869.5	Dolomite	9.53		29.59
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1874.0	CCR-1874.0	Dolomite	8.38		30.32
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1877.5	CCR-1877.5	Dolomite	10.11		1.0
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1877.5	CCR-1877.5	Dolomite	10.25		1.0
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1877.5	CCR-1877.5	Dolomite	10.18	30.88	1.0
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1880.5	CCR1-1880.5	Mixed	6.43		29.37
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1882.0	CCR-1882.0	Calcite	10.03		30.22
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1886.0	CCR-1886.0	Mixed	5.65		28.99
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1890.0	CCR1-1890	Mixed	3.31		26.94
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1893.0	CCR1-1893.0	Mixed	3.84		29.07
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1895.5	CCR1-1895.5	Mixed	1.84		27.85
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1895.5	CCR-1895.5	Mixed	1.99		27.65
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1899.0	CCR1-1899.0	Mixed	2.50		40.8
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1899.0	CCR1-1899.0	Mixed	3.17		40.8
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1899.0	CCR-1899.0	Mixed	2.83	27.20	40.8
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1901.0	CCR1-1901	Mixed	1.71		27.14
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1903.0	CCR1-1903	Mixed	1.75		26.45
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1903.0	CCR1-1903	Mixed	1.78		26.49
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1905.1	CCR1-1905.1	Calcite	1.95		25.34
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1910.3	CCR1-1910.25	Mixed	1.44		48.4
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1910.3	CCR1-1910.25	Mixed	1.36		48.4
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1910.3	CCR1-1910.25	Mixed	1.40	28.50	48.4
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1912.3	CCR1-1912.25	Mixed	1.13		27.59
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1914.2	CCR1-1914.2	Calcite	1.12		91.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1914.2	CCR1-1914.2	Calcite	1.22		91.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1914.2	CCR-1914.20	Calcite	1.17	24.45	91.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1916.3	CCR1-1916.25	Calcite	1.93		84.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1916.3	CCR1-1916.25	Calcite	1.92		84.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1916.3	CCR1-1916.25	Calcite	1.93	24.51	84.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1920.3	CCR1-1920.25	Mixed	1.92		27.46
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1921.0	CCR1-1921	Dolomite	5.93		9.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1921.0	CCR1-1921	Dolomite	5.89		9.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1921.0	CCR-1921	Dolomite	6.12	27.52	9.2
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1924.0	CCR1-1924	Mixed	1.45		24.56
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1925.0	CCR1-1925.0	Calcite	1.37		24.66
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1931.5	CCR1-1931.5	Calcite	0.05		23.84
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1936.3	CCR1-1936.25	Calcite	0.09		23.25
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1937.5	CCR1-1937.5	Mixed	-4.10		22.43
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1940.0	CCR1-1940	Calcite	-3.86		21.98
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1940.0	CCR1-1940	Calcite	-0.86		20.88
US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	1945.5	CCR1-1945.5	Mixed	-4.87		20.83

Rejected Analyses

US DOE Currant Creek Ridge #1	R807	WY T14N, R107W, Sec. 14	376	CCR-376	lam. micrite	0.97	24.36	77 huge air peak
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