Fluid inclusion studies of regionally extensive epigenetic dolomites, Bonneterre Dolomite (Cambrian), southeast Missouri: Evidence of multiple fluids during dolomitization and lead-zinc mineralization

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Fluid Inclusion Data

All data listed are from primary fluid inclusion.

Offshore samples

Sample	Fluid Inclusion Host	T_{fm}°C first ice melt	T_m°C last ice melt	T_h°C	Salinity (equiv. wt. % NaCl)	Location (km north of Arkansas)
2	C:3	-56.0	-21.9	-------	23.9	194
	C:3	-------	-24.3	-------	25.5	194
	C:3	-------	-21.4	129.9	23.6	194
	C:1	-------	-21.6	-------	23.8	194
	C:2	-------	-18.4	152.9	21.5	194
	C:3	-------	-23.4	-------	25.0	194
	C:2	-------	-20.1	69.8	22.7	194
	C:3	-------	-23.6	123.3	25.1	194
	C:3	-------	-23.0	140.0	24.7	194
	C:3	-44.5	-23.1	133.8	24.8	194
	C:3	-------	-22.8	120.5	24.6	194
	C:2	-51.0	-21.3	-------	23.6	194
	C:2	-50.8	-19.9	90.8	22.6	194
	C:2	-50.0	-23.6	123.5	25.1	194
	C:2	-------	-20.2	107.0	22.8	194
	C:2	-------	-24.5	147.6	25.7	194
3a	C:2	-------	-18.6	114.8	21.6	188
	X	-57.0	-8.4	-------	-------	188
	X	-------	-7.4	-------	-------	188
	X	-52.0	-11.6	92.3	15.6	188
	C:1	-62.5	-23.8	130.3	25.2	188
	X	-------	-10.7	105.7	14.7	188

C = Cement dolomite: 1,2,3,4 = Zone number from Voss and Hagni (1985)
-- = Unable to determine zone

R = Replacement dolomite
X = Calcite

	X	-------	-7.3	100.7	10.9	188
	X	-------	-16.8	102.2	20.3	188
	X	-------	-13.3	147.5	17.3	188
	X	-------	-------	128.0	-------	188
	R	-------	-23.3	120.2	24.9	188
	R	-------	-------	106.8	-------	188
	R	-------	-17.8	-------	21.0	188
	R	-------	-12.6	101.2	16.6	188
	R	-48.9	-19.6	109.2	22.4	188
	R	-------	-8.4	120.3	12.2	188
	R	-------	-14.9	97.6	18.7	188
	R	-------	-19.2	113.2	22.1	188
	R	-------	-11.3	115.8	15.3	188
	R	-------	-17.4	111.7	20.7	188
3b	C:2	-------	-18.4	122.1	21.5	188
	C:1	-------	-0.7	-------	1.2	188
	C:1	-------	-3.4	-------	5.5	188
	C:1	-56.0	-1.4	-------	2.4	188
	C:1	-------	-21.1	74.3	23.4	188
	C:1	-54.0	-24.4	151.5	25.6	188
	C:1	-------	-20.8	103.2	23.2	188
	C:1	-------	-22.7	128.1	24.5	188
	C:1	-------	-17.4	129.8	20.7	188
	C:1	-------	-20.7	-------	23.2	188
	C:1	-------	-23.7	143.3	25.2	188
	C:1	-------	-17.9	141.3	21.1	188
	C:2	-55.6	-21.4	-------	23.6	188
	C:3	-------	-23.5	134.5	25.0	188
	C:1	-------	-23.6	132.3	25.1	188
	C:2	-47.3	-18.0	120.5	21.2	188
	R	-------	-20.5	-------	23.0	188
	R	-------	-15.8	105.4	19.5	188
	R	-------	-16.4	119.5	19.9	188
	R	-------	-19.2	-------	22.1	188
5	C:2	-------	-26.4	112.7	26.9	156
	C:2	-------	-35.0	156.8	32.6	156
	C:2	-48.0	-27.3	132.8	27.5	156
	C:2	-------	-18.9	77.7	21.9	156
	C:2	-51.0	-12.9	-------	16.9	156
	C:2	-------	-21.5	115.7	23.7	156
	C:1	-------	-21.7	123.3	23.9	156
	C:2	-------	-15.8	119.7	19.5	156
	C:2	-53.4	-23.7	127.9	25.2	156
	C:2	-------	-26.0	91.4	26.6	156
	C:2	-------	-23.7	91.7	25.2	156
	C:1	-------	-22.9	115.9	24.6	156
	X	-------	-21.3	105.0	23.6	156
	X	-------	-20.1	105.8	22.7	156
	X	-------	-21.1	104.5	23.4	156

	X	-------	-18.1	107.9	21.3	156
	X	-------	-22.0	96.1	24.0	156
	X	-------	-------	92.9	-------	156
	X	-------	-20.7	91.1	23.2	156
	X	-------	-19.8	95.6	22.5	156
	X	-------	-23.0	112.1	24.7	156
	R	-56.3	-24.5	113.9	25.7	156
	R	-58.0	-16.5	-------	20.0	156
	R	-------	-26.3	108.4	26.8	156
	R	-------	-22.9	137.3	24.6	156
	R	-------	-25.4	105.4	26.3	156
	R	-------	-24.2	-------	25.5	156
7	R	-------	-24.4	140.2	25.6	144
	R	-------	-26.0	-------	26.6	144
	R	-------	-15.0	-------	18.8	144
	R	-------	-22.3	92.1	24.2	144
	R	-------	-24.2	139.9	25.5	144
	R	-------	-16.4	90.3	19.9	144
	R	-------	-18.7	109.3	21.7	144
	R	-------	-27.4	-------	27.5	144
	R	-------	-17.8	106.7	21.0	144
	R	-------	-26.1	75.5	26.7	144
	R	-------	-20.3	68.9	22.9	144
	R	-55.7	-27.1	96.3	27.3	144
	R	-------	-26.6	83.8	27.0	144
	R	-------	-26.4	81.4	26.9	144
	R	-------	-28.0	92.3	27.9	144
	R	-------	-22.8	71.1	24.6	144
	R	-------	-22.9	-------	24.6	144
	R	-54.6	-27.5	87.9	27.6	144
	R	-------	-27.6	113.4	27.6	144
	R	-------	-18.6	98.7	21.6	144
	R	-------	-23.3	101.8	24.9	144
	R	-57.5	-18.6	75.6	21.6	144
	R	-------	-23.7	-------	25.2	144
	R	-------	-25.6	102.4	26.4	144
8	C:1	-------	-25.5	96.1	26.3	130
	C:1	-59.1	-9.8	-------	13.8	130
	C:1	-------	-26.2	112.4	26.8	130
	C:1	-------	-28.7	83.0	28.4	130
	R	-67.2	-19.6	-------	22.4	130
	R	-------	-27.5	100.8	27.6	130
	R	-------	-27.6	91.7	27.7	130
	R	-------	-21.7	119.0	23.8	130
	R	-------	-25.7	103.4	26.4	130
	R	-52.4	-25.7	89.0	26.4	130
	R	-------	-22.6	74.1	24.4	130
	R	-------	-------	96.0	-------	130
	R	-59.7	-23.0	91.0	24.7	130

10a	C:1	-51.2	-22.7	114.4	24.5	106
	C:1	-------	-22.3	122.8	24.2	106
	C:1	-------	-22.8	-------	24.6	106
	C:1	-------	-23.5	112.9	25.0	106
	C:1	-------	-21.5	91.1	23.7	106
	C:1	-------	-22.6	110.2	24.4	106
	C:1	-------	-23.7	127.1	25.2	106
	C:1	-------	-22.9	-------	24.6	106
	X	-------	-9.0	-------	12.5	106
	R	-------	-24.4	121.4	25.6	106
	R	-------	-13.4	125.2	17.4	106
	R	-54.0	-18.3	104.2	21.4	106
	R	-------	-17.2	122.7	20.6	106
	R	-------	-21.4	-------	23.6	106
	R	-------	-15.3	136.9	19.0	106
	R	-------	-24.0	-------	25.4	106
	R	-------	-17.9	107.0	21.1	106
	R	-------	-19.9	-------	22.6	106
	R	-------	-22.4	-------	24.3	106
	R	-------	-18.7	-------	21.7	106
	R	-------	-13.4	-------	17.4	106
	R	-------	-21.1	104.4	23.4	106
	R	-49.1	-22.9	126.6	24.6	106
	R	-------	-19.0	90.9	21.9	106
	R	-52.6	-22.3	132.4	24.2	106
	R	-------	-22.4	-------	24.3	106
10 b	C:2	-------	-24.7	98.3	25.8	106
	C:2	-------	-23.0	111.2	24.7	106
	C:2	-------	-37.3	94.8	34.4	106
	C:1	-------	-28.0	-------	27.9	106
	C:2	-------	-37.2	99.8	34.3	106
	C:2	-------	-12.4	186.6	16.4	106
	C:2	-------	-24.5	107.9	25.7	106
	C:1	-------	-29.0	111.1	28.5	106
	C:--	-------	-23.5	107.2	25.0	106
	C:2	-------	-26.0	100.1	26.6	106
	C:2	-------	-36.5	99.5	33.8	106
	C:1	-------	-3.8	60.6	6.1	106
	R	-------	-26.3	106.3	26.8	106
	R	-------	-23.0	88.6	24.7	106
	R	-------	-21.0	81.9	23.4	106
11a	C:2	-------	-23.8	128.8	25.2	103
	C:4	-------	-24.8	131.5	25.9	103
	C:2	-------	-25.6	150.9	26.4	103
	C:2	-------	-23.0	138.3	24.7	103
	C:1	-47.1	-24.0	138.4	25.4	103
	C:1	-------	-25.2	130.6	26.1	103
	C:1	-------	-23.3	-------	24.9	103
	C:1	-------	-24.3	-------	25.5	103

	C:1	-------	-25.4	150.2	26.3	103
	C:1	-------	-23.8	110.1	25.2	103
	C:1	-------	-24.4	123.3	25.6	103
	C:4	-------	-18.1	140.1	21.3	103
	C:4	-------	-23.4	131.5	24.9	103
	C:--	-------	-24.9	116.9	25.9	103
	C:4	-------	-20.7	111.4	23.2	103
	R	-------	-24.2	-------	25.5	103
	R	-------	-------	135.6	-------	103
	R	-------	-19.6	92.6	22.4	103
	R	-------	-26.5	100.0	26.9	103
11b	C:4	-------	-20.3	114.6	22.9	103
	C:4	-------	-17.6	-------	20.9	103
	X	-------	-24.7	116.9	25.8	103
	C:4	-50.5	-27.1	130.9	27.3	103
	C:4	-------	-23.0	88.1	24.7	103
	C:1	-------	-26.2	-------	26.8	103
	C:1	-------	-27.2	84.5	27.4	103
	C:1	-------	-------	107.3	-------	103
	R	-------	-24.2	146.2	25.5	103
	R	-------	-29.3	87.3	28.7	103
	R	-------	-15.9	92.0	19.5	103
12	C:2	-------	-24.6	145.5	25.7	94
	C:1	-------	4.4	-------	-------	94
	C:2	-------	-15.3	123.4	19.0	94
	C:1	-------	-30.7	103.1	29.7	94
	C:1	-------	-27.0	136.1	27.3	94
	R	-------	-38.4	78.6	35.3	94
	R	-50.0	-21.5	105.2	23.7	94
	R	-------	-19.1	79.8	22.0	94
	R	-------	-26.7	-------	27.1	94
	R	-60.5	-23.1	83.8	24.8	94
	R	-------	-22.3	-------	24.2	94
	R	-------	-21.3	89.8	23.6	94
	R	-------	-19.6	98.7	22.4	94
	R	-53.0	-26.7	90.9	27.1	94
	R	-------	-24.1	112.2	25.4	94
	R	-54.0	-27.2	90.3	27.4	94
	R	-52.0	-18.4	76.8	21.5	94
14	C:--	-------	-16.3	120.4	19.9	75
	C:3	-------	-21.8	129.5	23.9	75
	C:4	-51.2	-23.8	-------	25.2	75
	C:1	-------	-------	125.8	-------	75
	C:1	-------	-17.5	145.9	20.8	75
	C:1	-------	-24.0	-------	25.4	75
	C:1	-------	18.0	115.0	21.2	75
	C:1	-------	-14.4	117.8	18.3	75
	R	-------	-19.8	109.4	22.5	75
	R	-------	-11.6	-------	15.6	75

	R	-------	-19.8	-------	22.5	75
	R	-------	-4.2	159.7	6.7	75
	R	-------	-10.7	-------	14.0	75
	R	-------	-22.7	-------	24.5	75
	R	-------	2.8	129.4	-------	75
	R	-------	7.0	-------	10.5	75
15	C:1	-------	-21.5	113.4	23.7	57
	C:1	-------	-25.9	110.1	26.6	57
	R	-------	-12.2	179.8	16.2	57
	R	-54.0	-28.1	-------	28.0	57
	R	-------	-23.9	128.8	25.3	57
	R	-67.4	-28.9	-------	28.5	57
	R	-------	-24.2	-------	25.5	57
	R	-------	-19.0	72.5	21.9	57
	R	-------	-22.4	78.4	24.3	57
	R	-------	-28.2	103.5	28.0	57
	R	-------	-20.3	-------	22.9	57
	R	-------	-24.2	-------	25.5	57
	R	-------	-27.2	82.9	27.4	57
	R	-------	-26.6	-------	27.0	57
	R	-------	-22.1	74.4	24.1	57
	R	-------	-23.6	68.7	25.1	57
	R	-------	-22.7	86.9	24.5	57
16 a	C:1	-43.5	-24.3	109.0	25.5	44
	C:1	-------	-23.4	107.5	24.9	44
	C:1	-------	-------	120.0	-------	44
	C:1	-56.4	-26.2	104.7	26.8	44
	C:1	-------	-------	109.4	-------	44
	C:1	-------	-22.6	140.1	24.4	44
	C:1	-------	-25.4	107.8	26.3	44
	C:1	-------	-20.6	-------	23.1	44
	C:1	-------	-5.4	119.3	8.4	44
	C:1	-------	-35.1	92.1	32.7	44
	C:1	-------	-24.9	-------	25.9	44
	C:1	-55.0	-24.3	110.7	25.5	44
	R	-52.2	-26.4	110.0	26.9	44
	R	-------	-10.0	129.9	13.9	44
16 b	C:1	-------	-16.5	133.0	20.0	44
	C:1	-------	-17.6	-------	20.9	44
	C:3	-------	-12.6	100.0	16.6	44
	C:2	-------	-7.7	107.0	11.4	44
	C:4	-------	-22.4	127.0	24.3	44
	R	-------	-18.0	113.4	21.2	44
	R	-------	-20.4	85.5	22.9	44
	R	-------	-18.2	-------	-------	44
	R	-------	-5.2	-------	-------	44
	R	-46.1	-18.5	95.4	21.6	44
	R	-------	-17.8	-------	-------	44
	R	-------	-16.6	114.0	20.1	44

	R	-------	-3.7	133.9	6.0	44
	R	-------	-2.1	-------	3.5	44
33	C:1	-56.8	-24.8	109.6	25.9	51
	C:2	-------	-12.7	125.3	16.7	51
	C:1	-60.4	-25.6	104.6	26.4	51
	C:4	-------	-22.7	104.5	24.5	51
	C:4	-------	-24.1	101.9	25.4	51
	C:--	-------	-24.9	120.1	25.9	51
	C:--	-------	-6.6	-------	9.9	51
	C:--	-------	-12.9	147.3	16.9	51
	R	-------	-26.5	104.9	26.9	51
	R	-67.7	-25.4	101.8	26.3	51
	R	-------	-25.8	104.2	26.5	51
	R	-------	-24.5	-------	25.7	51

Viburnum Trend samples

100	C:1	-62.0	-9.6	122.1	13.5	100
	C:1	-54.5	-23.1	106.7	24.8	100
	C1	-------	-23.1	91.2	24.8	100
	C:1	-------	-21.8	103.4	23.9	100
	C:1	-------	-26.9	102.0	27.2	100
	C:1	-------	-19.5	103.2	22.3	100
	C:1	-------	-4.1	136.2	6.6	100
	C:--	-------	-23.0	136.2	24.7	100
	C:--	-------	-23.6	-------	25.1	100
	C:--	-56.0	-22.3	-------	24.2	100
	R	-------	-26.8	94.4	27.1	100
	R	-------	-19.1	102.7	22.0	100
	R	-------	-29.1	136.5	28.6	100
	R	-62.0	-25.3	108.7	26.2	100
	R	-------	-22.9	99.9	24.6	100
	R	-------	-28.0	81.9	27.9	100
	R	-------	-18.4	101.5	21.5	100
109	C:4	-46.6	-23.5	143.0	25.0	109
	C:4	-------	-23.0	132.6	24.7	109
	C:4	-------	-23.7	-------	25.2	109
	C:4	-------	-22.7	119.4	24.5	109
	C:4	-------	-23.6	124.4	25.1	109
	C:4	-------	-23.6	136.2	25.1	109
	C:4	-------	-17.5	121.6	20.8	109
	C:4	-------	-18.4	117.8	21.5	109
	C:4:	-------	-19.5	119.3	22.3	109
	C:4	-------	-23.7	108.0	25.2	109
	C:4	-------	-21.2	124.4	23.5	109
	C:4	-51.3	-22.7	116.0	24.5	109
	C:4	-------	-23.8	112.4	25.2	109
	C:3	-50.0	-22.8	130.1	24.6	109
	C:4	-------	-23.6	-------	25.1	109

C:4	-------	-24.0	125.6	25.4	109
C:4	-------	-18.0	135.4	21.2	109
C:4	-------	-23.4	114.7	24.9	109
C:4	-------	-18.7	128.1	21.7	109
R	-------	-26.5	-------	27.0	109
R	-------	-22.0	99.2	24.0	109
R	-------	-27.0	93.7	27.3	109
R	-------	-23.5	61.2	25.0	109
R	-------	-23.3	120.5	24.9	109
R	-------	-2.3	120.4	3.9	109
R	-------	-20.0	69.3	22.7	109
R	-------	-25.0	69.4	26.0	109
R	-59.2	-15.3	108.2	19.0	109
R	-------	-21.4	-------	23.6	109
R	-------	-17.8	-------	21.0	109
R	-------	-22.8	125.9	24.6	109
R	-------	-7.2	105.1	10.7	109
R	-------	-23.0	127.9	24.7	109
R	-56.7	-25.1	121.2	26.1	109
R	-------	-19.7	74.1	22.4	109
R	-------	-23.6	105.7	25.1	109
R	-------	-27.5	91.3	27.6	109
C:4	-------	-22.6	126.1	24.4	110
C:3	-------	-24.6	125.9	25.7	110
C:4	-------	-18.0	115.3	21.2	110
C:2	-------	-16.9	117.7	20.3	110
C:2	-------	-24.1	181.6	25.4	110
C:2	-------	-23.8	172.7	25.2	110
C:2	-------	-24.0	184.0	25.4	110
C:3	-------	-22.9	134.5	24.6	110
C:3	-------	-22.4	-------	24.3	110
C:2	-------	-7.8	140.3	11.5	110
C:2	-------	-27.8	105.5	27.8	110
C:2	-53.2	-20.2	93.5	22.8	110
C:2	-65.8	-26.8	108.5	27.1	110
C:3	-------	-25.6	96.8	26.4	110
C:2	-------	-21.7	121.4	23.8	110
C:4	-------	-19.1	111.7	22.0	110
C:4	-------	-23.4	-------	25.0	110
C:4	-------	-16.3	118.3	19.9	110
C:4	-------	-24.0	122.2	25.4	110
R	-------	-26.6	103.3	27.0	110
R	-------	-5.5	126.3	8.5	110
R	-------	-14.6	-------	18.4	110
R	-52.4	-23.4	117.3	24.9	110
R	-------	-22.9	116.8	24.6	110
R	-------	-23.3	115.3	24.9	110
R	-------	-16.8	-------	20.3	110
R	-------	-24.8	123.8	25.9	110

	R	-------	-22.7	113.8	24.5	110
	R	-------	-22.4	105.9	24.3	110
	R	-------	-26.3	90.9	26.8	110
118	C:1	-------	-22.5	119.5	24.4	118
	C:1	-59.2	-22.3	-------	24.2	118
	C:1	-55.7	-21.8	121.9	23.9	118
	C:1	-------	-22.9	126.3	24.6	118
	C:1	-------	-22.7	123.5	24.5	118
	C:1	-------	-23.7	-------	25.2	118
	C:1	-63.3	-21.5	131.8	23.7	118
	C:1	-------	-19.0	104.5	21.9	118
	C:1	-56.2	-15.9	100.6	19.5	118
	C:1	-------	-15.6	101.2	19.3	118
	C:1	-54.0	-23.5	105.4	25.0	118
	C:1	-48.7	-23.6	121.7	25.1	118
	R	-------	-26.0	98.7	26.6	118
	R	-------	-13.7	117.1	17.6	118
	R	-------	-28.0	84.1	27.9	118
	R	-------	-27.6	81.1	27.7	118
	R	-------	-26.4	83.5	26.9	118
	R	-------	-24.1	-------	25.4	118
	R	-------	-27.3	91.4	27.5	118
	R	-63.0	-25.1	98.6	26.1	118
	R	-------	-28.1	125.1	27.9	118
	R	-68.0	-27.5	79.7	27.6	118
	R	-------	-20.3	103.3	22.9	118
	R	-------	-18.6	99.5	21.6	118
121	C:4	-------	-23.6	124.6	25.1	121
	C:4	-------	-23.4	153.1	24.9	121
	C:4	-------	-23.3	136.4	24.9	121
	C:3	-------	-11.7	-------	15.7	121
	C:2	-------	-26.0	116.9	26.6	121
	C:2	-------	-26.2	137.8	26.8	121
	C:2	-------	-12.2	116.7	16.5	121
	C:2	-------	-7.8	143.3	11.5	121
	C:1	-49.1	-19.0	-------	21.9	121
	C:2	-48.0	-19.5	107.9	22.3	121
	C:1	-50.0	-17.6	132.5	20.9	121
	R	-------	-27.0	91.4	27.3	121
	R	-------	-26.4	85.7	26.9	121
	R	-------	-13.2	137.2	17.2	121
	R	-------	-25.4	109.7	26.3	121
	R	-------	-24.8	103.3	25.7	121
	R	-------	-24.7	116.3	25.8	121
	R	-------	-6.6	128.9	9.9	121
	R	-56.0	-14.7	140.8	18.5	121
	R	-------	-22.1	99.4	24.1	121
	R	-------	-23.2	111.9	24.8	121
	R	-------	-13.2	136.2	17.2	121

126	C:4	-------	-24.6	153.7	25.7	126
	C:1	-------	-23.5	134.3	25.0	126
	C:1	-------	-15.8	122.1	19.5	126
	C:1	-------	-19.6	128.5	22.4	126
	C:1	-------	-12.0	107.7	16.0	126
	R	-------	-16.3	105.5	19.9	126
	R	-------	-23.1	-------	24.8	126
	R	-------	-24.3	-------	25.5	126
	R	-------	-24.8	91.9	25.9	126
	R	-------	-22.4	111.6	24.3	126
	R	-------	-22.7	79.1	24.5	126
	R	-------	-27.8	95.7	27.8	126
	R	-66.3	-25.5	77.2	26.3	126
142	C:3	-------	-21.8	93.6	23.9	142
	C:3	-------	-10.8	122.1	14.8	142
	C:1	-52.0	-22.0	104.7	24.0	142
	C:3	-------	-24.8	77.1	25.9	142
	C:3	-------	-21.0	-------	23.4	142
	C:3	-------	-19.7	89.4	22.4	142
	C:3	-------	-2.7	-------	4.5	142
	C:3	-------	-21.8	96.3	23.9	142
	R	-------	-21.3	97.7	23.6	142
	R	-------	-20.6	104.4	23.1	142
	R	-------	-23.9	126.5	25.3	142
	R	-------	102.0	-------		142
	R	-------	-13.9	105.7	17.8	142
	R	-------	-22.7	100.8	24.5	142
	R	-------	-20.0	86.9	22.7	142
	R	-------	-25.3	112.4	26.2	142
	R	-57.5	-11.8	113.1	15.8	142
	R	-------	-21.3	92.7	23.6	142
	R	-------	-5.2	-------	8.2	142
	R	-------	-25.4	87.7	26.3	142
	R	-62.2	-23.3	125.3	24.9	142
	R	-63.0	-26.3	97.9	26.8	142
	R	-------	-25.2	78.8	26.1	142
	R	-------	-18.0	84.7	21.2	142
	R	-------	-35.6	81.7	33.1	142
	R	-------	-21.6	94.5	23.8	142
145	C:1	-------	-21.1	82.8	23.4	145
	C:1	-------	-26.0	88.2	26.6	145
	C:1	-------	-18.3	106.5	21.4	145
	C:3	-63.0	-24.2	124.4	25.5	145
	C:3	-------	-26.4	104.8	26.9	145
	C:3	-------	-20.8	70.4	23.2	145
	C:3	-------	-20.0	93.2	22.7	145
	C:1	-------	-20.4	88.3	22.9	145
	C:1	-------	-8.1	-------	11.8	145
	R	-------	-22.8	125.4	24.6	145

R	-------	-25.7	72.3	26.4	145
R	-------	-27.9	-------	27.8	145
R	-------	-18.6	93.3	21.6	145
R	-------	-26.0	104.5	26.6	145
R	-------	-18.4	92.7	21.5	145
R	-------	-26.1	103.8	26.7	145
R	-------	-25.4	96.3	26.3	145
R	-------	-18.8	89.1	21.8	145
R	-57.0	-25.9	94.4	26.6	145
R	-60.0	-19.0	131.5	21.9	145
R	-------	-18.8	-------	21.8	145
R	-64.5	-24.3	126.5	25.5	145
R	-65.0	-24.5	109.4	25.7	145
R	-57.0	-24.0	99.7	25.4	145
R	-------	-25.9	91.5	26.6	145

Sample	Fluid Inclusion Host	T_{fm}°C first ice melt	T_m°C last ice melt	T_h°C	Salinity (equiv. wt. % NaCl)	Location (km north of Arkansas)