

Sample, Subsample, Region of Interest.	Inclusion ID.	Inclusion Type.	Size (microns)	Inclusion Generation	Host Mineral	Calcite Generation	Degree of Fill (%)	Th	Th (error)	Tfm	Tfm (error)	Thyd	Thyd (error)	Tice	Tice (error)	COMMENT	NaCl	CaCl2	NaCl/ NaCl + CaCl2	Total Salinity
MPLG285_W01_R01	01_01	aq L+V	20	?P	Calcite	FC1	85	72.5	+/- 2.5					-18.9	+/- 0.1	early vein calcite	21.5			21.5
MPLG285_W01_R01	01_02	aq L+V	5	?P	Calcite	FC1	70	82.5	+/- 2.5	-55.0	+/- 2.5			-17.3	+/- 0.1	early vein calcite	20.3			20.3
MPLG285_W01_R01	01_03	aq L+V	20	?P	Calcite	FC1	90	77.5	+/- 2.5	-60.0	+/- 2.0	-37.5	+/- 2.5	-17.7	+/- 0.1	early vein calcite	2.5	17.1	0.1	19.5
MPLG285_W01_R01	01_04	aq L+V	10	?P	Calcite	FC1	80	77.5	+/- 2.5					-18.7	+/- 0.1	early vein calcite	21.4			21.4
MPLG285_W01_R01	01_05	aq L+V	30	?P	Calcite	FC1	90	82.5	+/- 2.5	-60.0	+/- 2.0	-34.5	+/- 0.5	-17.9	+/- 0.1	early vein calcite	3.3	16.4	0.2	19.7
MPLG285_W01_R01	01_06	aq L+V	10	?P	Calcite	FC1	90							-17.9	+/- 0.1	early vein calcite	20.8			20.8
MPLG285_W01_R02	02_01	aq L+V	15	P	Calcite	FC1	80	77.5	+/- 2.5	-57.0	+/- 1.0			-20.4	+/- 0.2	inclusion-rich core of cement patch	22.6			22.6
MPLG285_W01_R02	02_02	aq L+V	10	P	Calcite	FC1	95	73.0	+/- 2.0	-59.0	+/- 1.0			-19.1	+/- 0.1	inclusion-rich core of cement patch	21.7			21.7
MPLG285_W01_R02	02_03	aq L+V	20	P	Calcite	FC1	95							-18.2	+/- 0.2		21.0			21.0
MPLG285_W01_R02	02_04	aq L+V	18	P	Calcite	FC1	90			-54.0	+/- 3.0	-23.5	+/- 0.5	-19.2	+/- 0.1		15.7	5.7	0.7	21.4
MPLG285_W01_R02	03_01	aq L+V	15	P	Calcite	FC1	90	77.5	+/- 2.5					-21.0	+/- 0.2	inclusion-rich core of cement patch	23.1			23.1
MPLG285_W01_R02	03_02	aq L+V	5	P	Calcite	FC1	90	77.5	+/- 2.5							inclusion-rich core of cement patch				
MPLG285_W01_R02	04_01	aq L+V	4	P	Calcite	FC1	70									at contact between cement generations ?				
MPLG285_W01_R02	05_01	aq L+V	12	P	Calcite	FC1	70	77.5	+/- 2.5							inclusion obscured by resin following heating run				
MPLG285_W01_R02	05_02	aq L+V	10	P	Calcite	FC1	80									inclusion obscured by resin following heating run				
MPLG285_W01_R02	05_03	aq L+V	10	P	Calcite	FC1	80	77.5	+/- 2.5							inclusion obscured by resin following heating run				
MPLG285_W01_R02	05_04	aq L+V	5	P	Calcite	FC1	80									inclusion obscured by resin following heating run				
MPLG285_W01_R02	06_01	aq L+V	5	P	Calcite	FC1	60							-18.8	+/- 0.2		21.4			21.4
MPLG285_W01_R02	06_02	aq L+V	8	P	Calcite	FC1	80	77.5	+/- 2.5	-50.0	+/- 5.0			-19.4	+/- 0.2		21.9			21.9
MPLG285_W01_R02	07_01	aq L+V	12	P	Calcite	FC1	90	67.5	+/- 2.5	-62.0	+/- 2.0			-19.4	+/- 0.2		21.9			21.9
MPLG285_W01_R02	07_02	aq L-only	10	P	Calcite	FC1	100			-62.0	+/- 2.0									
MPLG285_W01_R02	07_03	aq L-only	5	P	Calcite	FC1	100							-17.8	+/- 0.2	induced vapour for Tice	20.7			20.7
MPLG285_W01_R02	08_01	aq L+V	18	?P	Calcite	FC1	90	77.5	+/- 2.5	-55.0	+/- 5.0			-15.3	+/- 0.3		18.7			18.7
MPLG522_W01_R01	01_01	aq L+V	30	?P	Calcite	FC1	90	82.5	+/- 2.5	-58.0	+/- 5.0	-34.0	+/- 3.0	-15.9	+/- 0.1	indistinct Thyd	3.3	15.2	0.2	18.5
MPLG522_W01_R01	01_02	aq L-only	15	?P	Calcite	FC1	100									Unable to induce vapour even after heating to 300deg C.				
MPLG522_W01_R01	01_03	aq L-only	10	?P	Calcite	FC1	100							-16.3	+/- 0.1	induced vapour for Tice	19.5			19.5
MPLG522_W01_R01	02_01	aq L+V	8	?P	Calcite	FC1	90	85.5	+/- 0.5											
MPLG522_W01_R01	02_02	aq L+V	8	?P	Calcite	FC1	90	82.5	+/- 2.5											
MPLG522_W01_R01	02_03	aq L+V	20	?P	Calcite	FC1	99	93.0	+/- 1.0							?slightly necked, decrepitated during inclusion stretching heating run?				
MPLG522_W01_R01	02_04	aq L+V	20	?P	Calcite	FC1	95	82.5	+/- 2.5					-18.5	+/- 0.5		21.2			21.2
MPLG522_W01_R01	03_01	aq L-only	8	?P	Calcite	FC1	100			-55.0	+/- 0.5			-16.9	+/- 0.1	induced vapour for Tice	20.0			20.0
MPLG522_W01_R01	03_02	aq L-only	8	?P	Calcite	FC1	100			-55.0	+/- 0.5			-17.8	+/- 0.2	induced vapour for Tice	20.7			20.7
MPLG522_W01_R01	03_03	aq L-only	10	?P	Calcite	FC1	100			-58.0	+/- 1.0	-23.0	+/- 1.0	-16.9	+/- 0.1	induced vapour for Tice	15.6	4.2	0.8	19.8
MPLG522_W01_R01	04_01	aq L-only	5	?P	Calcite	FC1	100									induced vapour for Tice				
MPLG522_W01_R01	04_02	aq L-only	4	?P	Calcite	FC1	100									Unable to induce vapour even after heating to 300deg C.				
MPLG522_W01_R01	04_03	aq L-only	4	?P	Calcite	FC1	100									induced vapour for Tice				
MPLG522_W01_R01	05_01	aq L+V	10	?P	Calcite	FC1	80	87.0	+/- 1.0					-15.5	+/- 0.5		18.9			18.9
MPLG522_W01_R01	06_01	aq L-only	10	S	Calcite	FC1	100							-6.6	+/- 0.2	induced vapour for Tice	10.1			10.1
MPLG522_W01_R01	06_02	aq L-only	10	S	Calcite	FC1	100							-6.6	+/- 0.2	induced vapour for Tice	10.1			10.1