

Mineral	Petrography				Microthermometry (°C)						Volatile phase composition (mol%)			Bulk composition (mol%)					Density (g/cm³)
	Flw	Shape	Size (µm)	Occurrence	ThCH ₄	TmCO ₂	Tml	TmCl	ThCO ₂	TH	CO ₂	CH ₄	N ₂	H ₂ O	CO ₂	CH ₄	N ₂	NaCl	
Amb	0.60	subrounded	14	group		-59.2	-2.1	9.7	16.4 (L)	300 (C)	94	2	4	82.6	15.7	0.3	0.6	0.7	0.83
	0.65	subrounded	7	group			-2.1	6.8		290 (L)	87	2	11	94.3	4.1	0	0.2	1.4	0.71
	0.65	negative shape	8	group			-3.7	7.5		290 (L)	79	3	18	93.9	4.3	0.1	0.4	1.3	0.70
	0.70	subhedral	9	group			-2.5	9.2		289 (L)	96	0	4	93.8	4.8	0	0.1	1.3	0.75
	0.50					-59.3	-3.2		17.0 (L)	289 (C)	94	2	4	77.2	21.1	0.4	0.8	0.5	0.79
	0.70	negative shape	9	isolated			-2.8	9.9		288 (L)	88	3	9	93.6	4.9	0.1	0.2	1.2	0.75
	0.65	negative shape	8	isolated			-2.9	10.2			85	5	10	92.9	5.5	0.2	0.3	1.1	0.71
	0.65	negative shape	9	isolated			-3.6	10.3		288 (L)	87	4	9	92.9	5.6	0.1	0.3	1.1	0.71
	0.65	negative shape	11	isolated		-59.6	-2.7	10.3			90	3	7						
	0.70	negative shape	9	isolated			-2.7	8.2		290 (L)	92	2	6	94.3	4.3	0	0.1	1.3	0.74
	0.70	negative shape	8	isolated			-3.7	9.4		295 (L)	87	2	11	93.8	4.7	0	0.3	1.2	0.75
	0.60	subhedral	10	group		-58.5	-3.5	9.3	21.5 (L)	315 (C)	97	1	2	78.5	17.2	0.2	0.4	3.7	0.83
0.70	subhedral	13	group			-3.7	9.3		280 (L)	80	4	16	93.7	4.6	0.1	0.4	1.2	0.75	
QzI	0.70	negative shape	12	isolated			-3.8	9.0	-1.6 (V)	298 (L)	85	3	12	93.9	4.5	0.1	0.3	1.3	0.75
	0.70	negative shape	10	isolated			-3.8	10.8		293 (L)	80	5	15	93.1	5.1	0.2	0.5	1.1	0.76
	0.65	negative shape	15	isolated			-2.8	9.3	-3.6 (C)	342 (L)	84	5	11	93.3	5.0	0.2	0.3	1.2	0.70
QzII	0.60	subrounded	11	isolated			-1.1	10.7		333 (L)	73	11	16	91.8	5.9	0.5	0.8	1.0	0.67
	0.60	subrounded	15	isolated			-1.7	9.4			83	4	13	92.7	5.6	0.1	0.5	1.1	0.66
	0.50	negative shape	10	isolated			-2.2	10.9		351 (L)	67	8	25	89.7	7.2	0.6	1.8	0.7	0.59
	0.60	negative shape		isolated			-1.1	10.0			80	8	12	91.9	6.2	0.4	0.5	1.0	0.67
	0.60	negative shape		isolated			-1.7	9.8			82	5	13	92.0	6.2	0.2	0.6	1.0	0.67
	0.60	negative shape					-1.5	10.5		321 (L)	85	5	10	92.2	6.2	0.2	0.4	1.0	0.67
	0.60	subrounded	11	isolated			-0.5	12.1		311 (L)	80	12	8	91.1	6.9	0.7	0.4	0.9	0.66
	0.60	subrounded	11	isolated			-1.3	11.9		356 d	79	13	8	91.4	6.6	0.7	0.4	0.9	0.68
	0.60	subrounded		isolated			-1.1	9.8			77	10	13	92.5	5.5	0.4	0.5	1.1	0.66
QzIII	0.50	negative shape	25	isolated		-61.7	-2.8	9.8	-8.0 (V)	313 (L)	67	14	19	91.0	6.1	0.9	1.1	0.9	0.57
	0.60	negative shape		isolated		-60.2	-4.3	10.4	-8.2 (V)	322 (L)	65	15	20	92.1	5.2	0.7	1.0	1.0	0.67
	0.50	subrounded		isolated		-61.3	-2.0	14.2	-9.7 (V)	384 d	74	11	15	87.0	10.0	1.2	1.6	0.2	0.63
	0.50	subrounded	18	isolated		-61.3	-1.2	10.6	0.5 (V)		89	11	0	91.0	7.5	0.6	0	0.9	0.57
Cst	0.70	negative shape	18	growth zone			-2.5	6.8		284 (L)	60	21	19	94.8	3.0	0.4	0.4	1.4	0.76
	0.80	irregular		growth zone			-2.4			279 (L)	50	26	24						

0.70	negative shape		growth zone						50	16	19						
0.80	subhedral	7	isolated					305 (L)	24	51	25	96.4	1.1	0.6	0.3	1.6	0.83
0.70	subhedral	6	isolated					304 (L)	46	43	11	91.4	4.4	2.6	0.7	0.9	0.79
0.70	subhedral		isolated						0	72	28						
0.70	subhedral		growth zone						49	28	23	90.6	5.0	2.0	1.6	0.8	0.80
0.60	irregular	9	small group	-65.3	-1.4	11.6		293 (L)	69	29	2	93.2	4.5	1.0	0.1	1.2	0.76
0.60	elongated	9	small group	-63.5	-2.4	11.1		306 (L)	86	12	2	92.0	6.4	0.5	0.1	1.0	0.76
0.55	irregular		isolated	-62.9	-1.6	14.3	3.8 (C)	329 (C)	80	15	5	88.7	9.1	1.3	0.4	0.5	0.67
0.70	negative shape		trail						60	29	11	91.1	5.6	1.8	0.7	0.8	0.80
0.65	negative shape		trail					280 (L)	69	18	13	93.7	4.1	0.5	0.4	1.3	0.75
0.70	negative shape	10	isolated					329 (L)	41	48	11	92.9	3.3	2.2	0.5	1.1	0.77
0.65	subrounded	8	trail					240 (L)	25	44	31	94.9	1.6	1.2	0.8	1.5	0.69
0.75	irregular	20	growth zone					271 (L)	74	20	6	94.3	3.9	0.4	0.1	1.3	0.80
0.70	irregular	14	growth zone						75	15	10	91.9	5.9	0.7	0.5	1.0	0.78
0.70	negative shape	8	growth zone					271 (L)	74	16	10	95.1	3.1	0.2	0.1	1.5	0.73
0.70	negative shape	9	growth zone					267 (L)	52	28	20	94.1	3.3	0.8	0.5	1.3	0.75
0.80	tube-shaped	9	growth zone					264 (L)	53	30	17	92.8	4.1	1.3	0.7	1.1	0.88
0.75	subhedral	9	growth zone					293 (L)	82	9	9	94.5	3.7	0.2	0.2	1.4	0.79
0.75	subhedral	8	growth zone						50	34	16						
0.70	tube-shaped	7	growth zone					283 (L)	65	19	16	91.3	5.8	1.1	0.9	0.9	0.79
0.70	negative shape	5	growth zone					234 (L)	75	13	12	93.4	4.6	0.4	0.4	1.2	0.76
0.75	subhedral	6	growth zone						69	19	12	94.4	3.6	0.4	0.2	1.4	0.80
0.75	subhedral	6	growth zone					265 (L)	53	34	13	94.7	2.9	0.7	0.3	1.4	0.79
0.70	subrounded	15	growth zone					312 (L)	35	53	12	91.2	3.6	3.6	0.8	0.8	0.79
0.70	negative shape	8	isolated					239 (L)	53	16	31						
0.75	negative shape	9	isolated					275 (L)	47	30	23	94.5	2.9	0.7	0.5	1.4	0.80
0.75	tube-shaped	7	small group						61	22	17	94.6	3.3	0.4	0.3	1.4	0.85
0.75	tube-shaped	12	small group						41	37	22	94.4	2.6	1.0	0.6	1.3	0.80
0.60	subhedral	13	growth zone						48	22	30						
0.70	irregular	17	growth zone						33	43	24	94.8	2.0	1.1	0.6	1.5	0.74
0.75	subhedral	10	isolated					268 (L)	30	41	29	94.0	2.3	1.4	1.0	1.3	0.81
0.70	tube-shaped	7	small group					295 (L)	54	38	8	94.7	2.9	0.8	0.2	1.4	0.74
0.75	subhedral	15	isolated					300 (L)	40	42	18	95.6	1.9	0.7	0.3	1.5	0.80
0.70	irregular	11	isolated					274 (L)	46	27	27	93.1	3.6	1.1	1.0	1.2	0.76
0.75	irregular	11	isolated					272 (L)	49	30	21	94.5	2.9	0.7	0.5	1.4	0.80
0.70	negative shape	8	growth zone						48	39	13	91.5	4.5	2.3	0.8	0.9	0.79

0.70	irregular	8	growth zone	-1.4	13.8	291 (L)	72	21	7	91.7	5.9	1.1	0.4	0.9	0.79		
0.70	negative shape	5	growth zone	-1.6	14.4		48	21	31	90.7	5.0	1.5	2.1	0.7	0.81		
0.70	negative shape	7	isolated	-2.7													
0.70	negative shape	11	growth zone	-2.7	9.8	289 (L)	52	19	29	93.5	3.7	0.6	1.0	1.2	0.76		
0.70	negative shape	8	growth zone	-1.6	14.3		63	28	9	91.4	5.6	1.6	0.5	0.9	0.79		
0.75	subrounded	12	growth zone		14.1	306 (L)	61	30	9	92.6	4.7	1.3	0.4	1.0	0.83		
0.70	subrounded	9	growth zone		15.1		56	33	11								
0.70	negative shape	13	group	-0.8	16.8	297 (L)	0	84	16	91.6	0	6.3	1.2	0.9	0.77		
0.70	irregular	7	group	-1.7	11.8		62	29	9	93.1	4.4	1.1	0.3	1.1	0.76		
0.70	negative shape	7	isolated	-1.1	13.2		55	29	16	92.0	4.7	1.5	0.8	1.0	0.78		
0.50	irregular		growth zone	-63.4	-3.0	14.1	2.3 (C)	312 (C)	82	14	4	88.0	10.0	1.3	0.4	0.3	0.61