Data repository

Oxygen and carbon stable isotopes contents

Sample	$\delta^{18}O$ (V-PDB)	$\delta^{13}C$ (V-PDB)
PB01-1	-3.598015627	0.733227041
PB01-2	-3.419678856	0.663677359
PB01-Host	-4.18635566	2.973466285
PB03-1	-3.729762819	2.463321582
PB03-2	-3.379600337	3.00152199
PB03-3	-7.417394571	1.874805795
PB03-Host	-3.118391304	3.065388078
PB04-1	-3.530494971	2.614875097
PB04-2	-3.57111651	0.797864052
PB04-Host	-6.166782156	3.339248957
PB05-1	-3.663816209	3.109570468
PB05-Host	-4.399261101	3.012282152
PB07-1	-8.018585139	1.99257591
PB07-1	-12.75920964	1.662641494
PB07-2	-5.165024312	-1.955821058
PB07-3	-3.697015858	-2.579376966
PB07-Host	-5.150854041	1.510967941
PB08-1	-4.746681892	0.552615263
PB08-2	-9.428697734	1.603749477
PB08-3	-11.82397817	1.584601039
PB08-Host	-5.26845378	1.468712742
PB09-Breccia (clast)	-4.916475977	3.033797594
PB09-Breccia (clast)	-1.968848867	3.822461348
PB09-Breccia (matrix)	-1.766230243	4.17329713
PB09-Breccia (matrix)	-4.836281518	3.510388468
PB10-1	-6.721876568	0.518048535
PB10-Breccia (clast)	-7.519001058	2.848463837
PB10-Breccia (matrix)	-4.836281518	3.510388468
PB11-1	-6.7048689	1.755540169
PB11-2	-11.58865457	2.00860064
PB11-3	-11.0915862	2.183966649
PB11-Host	-5.905422272	1.767836275
PB12-1	-5.447715286	-7.830986049
PB13-1	-3.275979002	3.383419409
PB13-2	-5.861382483	2.202815157
PB13-3	-7.778508883	2.267879378
PB13-Host	-2.965683941	2.935542809
PB14-1	-7.155310166	0.386850382
PB14-2	-6.631690314	0.753067916
PB14-Host	-2.952480673	3.03880113

PB14-Host	-3.266847105	2.950860403
PB15-1	-10.09282651	2.403239101
PB15-2	-15.25664955	2.245406065
PB15-Host	-5.253281872	2.771902766
PB16-1	-5.236265379	1.975000714
PB16-2	-6.852577244	0.728559568
PB16-3	-6.806799774	0.772631282
PB16-Host	-4.48261693	2.852195349
PB16-Host	-4.676277174	-3.509995109
PB17-1	-4.283019794	-0.20557617
PB17-1	-5.459353413	1.515126207
PB17-1	-6.08061525	1.449258294
PB17-Host	-4.990328454	3.199481177
PB18-1	-6.576471151	2.171014854
PB18-1	-6.44002788	2.209491878
PB18-Host	-5.589577663	-0.735877433
PB19-1	-6.515702392	2.771270875
PB19-2	-5.792735767	2.065401557
PB19-3	-6.838990884	2.631945064
PB19-4	-7.49867515	2.409456903
PB19-Host	-6.114486804	2.643351011
PB20-1	-12.6889857	2.27345181
PB20-2	-9.689896758	1.514739749
PB20-3	-8.424521977	2.230643413
PB20-Host	-4.797043395	2.304042128
PB21-1	-5.822191176	2.437755202
PB21-2	-6.845528372	2.163001815
PB21-2	-5.799519954	2.177478739
PB21-2	-8.419625285	2.073103431
PB21-3	-11.18502527	2.33031912
PB21-Host	-5.196944731	2.287167823
PB22-1	-4.644876452	1.631109287
PB22-1	-6.352577593	1.381870352
PB22-2	-8.762716221	2.172404502
PB22-2	-7.016462199	1.940908956
PB22-3	-5.743221488	1.486152691
PB22-3	-7.008640506	1.265714821
PB22-3	-7.980512419	1.504866013
PB22-Host	-5.528908758	1.593137589
PB23-1	-5.712871801	2.098031229
PB23-2	-7.667225462	-0.148362865
PB23-3	-8.575878709	1.917846138
PB23-Host	-4.581880439	1.388985571
PB24-1	-9.942800053	1.4847089
PB24-2	-4.8018261	2.083882079
PB24-3	-6.955664199	2.583000556

PB24-Host	-4.089951326	2.33853068
PB25-1	-6.588829163	0.871188051
PB25-Host	-6.484915477	0.652255224
PB26-1	-4.612401377	-6.418925441
PB26-2	-15.51976416	1.979443476
PB26-Host	-4.816208721	3.042198218

Strontium isotope contents

Sample	$^{87}Sr/^{86}Sr$	% Std Err
PB07-1	0.708623	0.0012
PB11-2	0.708571	0.0013
PB17-1	0.709129	0.0012
PB21-2	0.708029	0.0011
PB21-3	0.708505	0.0015
PB22-1	0.707845	0.0017
PB22-2	0.708013	0.0013
PB22-3	0.707983	0.0012

Fluid inclusions microthermometry

Sample		FIA	T_h	$T_{freezing}$	T_{fm}	$T_{m\ ice}$
PB04-1	*Dolomite vein*	A	150	-73.2	-25.2	-12.7
PB04-1	*Dolomite vein*	A	180	-46.4	-20.7	
PB04-1	*Dolomite vein*	A	155			
PB04-1	*Dolomite vein*	A	155			
PB04-1	*Dolomite vein*	C	145			-17.8
PB04-1	*Dolomite vein*	C	182			
PB05-1	*Dolomite vein*	A	145			-15.7
PB05-1	*Dolomite vein*	A	140			
PB05-1	*Dolomite vein*	A	100.4			
PB05-1	*Dolomite vein*	A	155			-11.8
PB05-1	*Dolomite vein*	A	155			
PB05-1	*Dolomite vein*	A	145			
PB05-1	*Dolomite vein*	C	140			
PB05-1	*Dolomite vein*	C	150	-71.8		-18.1
PB05-1	*Dolomite vein*	C	140			
PB21-2	*Type 1 calcite vein*	A	140			
PB21-2	*Type 1 calcite vein*	B	135	-38.4		-2.5
PB21-2	*Type 1 calcite vein*	B	140	-37.5	-20.8	-0.4
PB21-2	*Type 1 calcite vein*	B	140	-37.5	-19.2	-1.3
PB21-2	*Type 1 calcite vein*	B	135			
PB21-2	*Type 1 calcite vein*	B	106.6			

PB21-2	*Type 1 calcite vein*	B	140			
PB21-2	*Type 1 calcite vein*	B	135			
PB21-2	*Type 1 calcite vein*	C	140	-60	-24.3	-14.7
PB21-2	*Type 1 calcite vein*	C	138.7	-34.7	-19.1	-3.7
PB21-2	*Type 1 calcite vein*	G	118.2	-41.6	-22.1	-1.1
PB21-2	*Type 1 calcite vein*	G	190			
PB21-2	*Type 1 calcite vein*	G	115.7			
PB21-2	*Type 1 calcite vein*	G	190			-3.4
PB22-2	*Type 1 calcite vein*	A	95.7			
PB22-2	*Type 1 calcite vein*	A	153.6	-44.6	-18.8	-1.7
PB22-2	*Type 1 calcite vein*	A	103.8			
PB22-2	*Type 1 calcite vein*	A	103.5			
PB22-2	*Type 1 calcite vein*	B	92.7			
PB22-2	*Type 1 calcite vein*	B	107.6			
PB22-2	*Type 1 calcite vein*	B	125	-68.2	-19.1	-10.5
PB22-2	*Type 1 calcite vein*	B	158.8			-21.8
PB22-3	*Type 1 calcite vein*	D	96.4		-13.3	-9.8
PB22-3	*Type 1 calcite vein*	D	108.9			-9.2
PB22-3	*Type 1 calcite vein*	E	120			
PB22-3	*Type 1 calcite vein*	E	115			
PB22-3	*Type 1 calcite vein*	E	115			
PB22-3	*Type 1 calcite vein*	E	120			
PB22-3	*Type 1 calcite vein*	E	130			
PB17-1	*Type 1 calcite vein*	A	71.2	-64	-20.8	-14.6
PB17-1	*Type 1 calcite vein*	A	80			
PB17-1	*Type 1 calcite vein*	A	80	-76	-20.4	-15
PB17-1	*Type 1 calcite vein*	C	108		-19.7	-11.8
PB17-1	*Type 1 calcite vein*	C	190		-24.2	
PB17-1	*Type 1 calcite vein*	D	95			
PB17-1	*Type 1 calcite vein*	D	105	-73		-17.2
PB07-3	*Type 2 calcite vein*					-1.4
PB07-3	*Type 2 calcite vein*					-0.2
PB07-3	*Type 2 calcite vein*					-0.4
PB08-1	*Type 2 calcite vein*					-0.1
PB08-1	*Type 2 calcite vein*					-1.3
PB15-3	*Type 2 calcite vein*					-0.4
PB15-3	*Type 2 calcite vein*					-0.3
PB16-3	*Type 2 calcite vein*					-0.7