Chemical analyses of Fluid Inclusions

Net Counts

Sample no	Analysis no	Li counts	Li mol eq	Na counts	Na mol eq	Mg counts[1]	Mg mol eq	Cl counts[1]	Cl mol eq	K counts[1]	K mol eq	Ca counts	Ca mol eq	Mn counts	Mn mol eq	Fe counts	Fe mol eq	Sr counts[1]	Sr mol eq
H848-1	4584812a	14	2	4310	188	4978	205	11396	321	74	2	4857067	121124	58248	1061	10959	196	*-8166*	*-93*
H848-1	4584815a	154	22	128540	5613	1030	42	185071	5213	9280	237	4533386	113052	50579	921	8741	157	6350	72
H848-1	4584815a	120	17	121043	5286	722	30	180870	5095	7816	200	3804849	94884	42792	779	7396	133	1206	14
H848-2	4584821a	24	3	21765	950	*-4264*	*-175*	30118	848	662	17	2549239	63572	28113	512	9248	166	760	9
H848-2	4584821a	48	7	10047	439	*1936*	*80*	5739	162	*66*	*2*	374373	9336	5708	104	38929	698	*-54*	*-1*
H848-2	4584822a	*3*	*0*	3416	149	*218*	*9*	*-9424*	*-265*	348	9	2332824	58175	28634	522	9389	168	1947	22
H833-2	4583322a	80	12	126653	5531	10093	415	288669	8132	2057	53	3366623	83956	8609	157	7029	126	2568	29
H833-2	4583323a	*4*	*1*	11228	490	*36*	*1*	26028	733	306	8	2173460	54201	9891	180	3109	56	*25*	*0*
H833 RO1	6305	79	11	30996	1354	2020	83	48388	1363	540	14	4528852	112939	22726	414	3343	60	*-281*	*-3*
H833 RO1	6306	*97*	*14*	14626	639	*976*	*40*	33814	953	186	5	4722428	117766	28720	523	2583	46	167	2
H833 RO1	6307	132	19	150646	6578	9233	380	157274	4430	1433	37	4672895	116531	32763	597	2828	51	1436	16
H833 RO2	6309	*52*	*8*	3991	174	42436	1746	*-5486*	*-155*	106	3	18943927	472417	110018	2004	9230	165	*-546*	*-6*
H833 RO2	6310	*84*	*12*	14346	626	*-1663*	*-68*	22580	636	180	5	17140770	427451	68994	1257	8314	149	*-586*	*-7*
H844	6312	*86*	*12*	6179	270	3333	137	6565	185	25	1	4805644	119841	27021	492	3209	58	*74*	*1*
H844	6315	*29*	*4*	12485	545	*-732*	*-30*	32792	924	537	14	4779291	119184	51361	936	7609	136	2014	23
H844	6316	*102*	*15*	20556	898	341	14	31263	881	2820	72	100657	2510	3896	71	600	11	267	3
H844	6317	*92*	*13*	13452	587	*-28*	*-1*	15138	426	199	5	3385072	84416	31731	578	6945	124	552	6
H848	6319	*75*	*11*	13101	572	*63*	*3*	16289	459	316	8	3867021	96434	14834	270	2086	37	*276*	*3*
H882	6330	*40*	*6*	14836	648	*126*	*5*	*-6530*	*-184*	1014	26	2739955	68328	45904	836	11786	211	104	1

Chemical analyses of Fluid Inclusions

		Net Counts																	
Sample no	**Analysis no**	**Li** counts	**Li** mol eq	**Na** counts	**Na** mol eq	**Mg** counts[1]	**Mg** mol eq	**Cl** counts[1]	**Cl** mol eq	**K** counts[1]	**K** mol eq	**Ca** counts	**Ca** mol eq	**Mn** counts	**Mn** mol eq	**Fe** counts	**Fe** mol eq	**Sr** counts[1]	**Sr** mol eq
H848 wafer 1	6333	*32*	*5*	82525	3604	1270	52	127785	3600	1317	34	3324009	82893	26581	484	6532	117	596	7
H848 wafer 1	6337	*168*	*24*	6757	295	*33*	*1*	13034	367	414	11	5774612	144005	43771	797	8911	160	405	5
H848 wafer 1	6337	*168*	*24*	46915	2049	*-624*	*-26*	176739	4979	4750	121	2932665	73134	25604	466	5990	107	1925	22

Key:
values in italics are below detection limit
counts[1] **matrix corrected fluid signal**
mol eq **mole equivalents**

Chemical analyses of Fluid

		Equivalent wt ratios (counts)					Mole equivalent ratios					Limits of Detection (wt equivalents)				
Sample no	**Analysis no**	**Na/Li**	**Na/Mg**	**Na/Cl**	**Na/K**	**Na/Sr**	**Na/Li**	**Na/Mg**	**Na/Cl**	**Na/K**	**Na/Sr**	**Na/Li**	**Na/Mg**	**Na/Cl**	**Na/K**	**Na/Sr**
H848-1	4584812a	300	1	0.38	58	*-1*	91	1	0.59	99	*-2*	520	1437	0.8	77	1437
H848-1	4584815a	835	125	0.69	14	20	253	132	1.08	24	77	23271	42847	31.1	4683	42847
H848-1	4584815a	1005	168	0.67	15	100	305	178	1.04	26	384	21914	40348	29.3	4410	40348
H848-2	4584821a	906	*-5*	0.72	33	29	275	*-5*	1.12	56	110	12687	7255	10.8	521	7255
H848-2	4584821a	209	*5*	*1.75*	*152*	*-186*	63	*6*	*2.71*	*260*	*-710*	5857	3349	5.0	241	3349
H848-2	4584822a	*1304*	*16*	*-0.36*	10	2	*395*	*17*	*-0.56*	17	7	1304	1139	0.6	94	1139
H833-2	4583322a	1582	13	0.44	62	49	479	13	0.68	105	189	48332	42218	106.8	4180	42218
H833-2	4583323a	*2805*	*313*	0.43	37	*456*	*850*	*332*	0.67	63	*1745*	4285	3743	2.9	1284	3743
H833 RO1	6305	390	15	0.64	57	*-110*	118	16	0.99	98	*-421*	1234	10332	4.7	2565	10332
H833 RO1	6306	*151*	*15*	0.43	79	88	*46*	*16*	0.67	134	335	151	4875	1.8	219	4875
H833 RO1	6307	1146	16	0.96	105	105	347	17	1.48	179	401	2062	50215	22.9	16875	50215
H833 RO2	6309	*76*	0	*-0.73*	38	*-7*	*23*	0	*-1.13*	64	*-28*	76	1330	0.5	326	1330
H833 RO2	6310	*171*	*-9*	0.64	80	*-24*	*52*	*-9*	0.98	136	*-94*	171	4782	4.5	438	4782
H844	6312	*72*	2	0.94	247	*84*	*22*	2	1.46	422	*320*	72	2060	1.3	136	2060
H844	6315	*437*	*-17*	0.38	23	6	*132*	*-18*	0.59	40	24	437	4162	1.8	170	4162
H844	6316	*202*	60	0.66	7	77	*61*	64	1.02	12	294	202	6852	3.1	515	6852
H844	6317	*146*	*-474*	0.89	68	24	*44*	*-503*	1.38	115	93	178	4484	2.5	722	4484
H848	6319	*174*	*209*	0.80	41	*47*	*53*	*222*	1.25	71	*181*	174	4367	6.6	262	4367
H882	6330	*374*	*118*	*-2.27*	15	142	*113*	*125*	*-3.52*	25	544	374	4945	2.6	492	4945

Chemical analyses of Fluid

		Equivalent wt ratios (counts)					Mole equivalent ratios					Limits of Detection (wt equivalents)				
Sample no	**Analysis no**	**Na/Li**	**Na/Mg**	**Na/Cl**	**Na/K**	**Na/Sr**	**Na/Li**	**Na/Mg**	**Na/Cl**	**Na/K**	**Na/Sr**	**Na/Li**	**Na/Mg**	**Na/Cl**	**Na/K**	**Na/Sr**
H848 wafer 1	6333	*2616*	65	0.65	63	138	*793*	69	1.00	107	529	2616	27508	2.8	461	27508
H848 wafer 1	6337	*40*	*203*	0.52	16	17	*12*	*216*	0.80	28	64	40	2252	2.3	771	2252
H848 wafer 1	6337	*280*	*-75*	0.27	10	24	*85*	*-80*	0.41	17	93	280	15638	15.7	5356	15638