

## Supplementary Material.

**Table S1.** Radiogenic isotope data of K-feldspars from Sveconorwegian pegmatites and granites.

Sample	Locality	$^{206}\text{Pb}/^{204}\text{Pb}$	1 SE	$^{207}\text{Pb}/^{206}\text{Pb}$	1SE	$^{208}\text{Pb}/^{204}\text{Pb}$	1SE
2109402	Lille Kleivmyr	17.3794	0.0016	15.5204	0.0017	36.6730	0.0056
		17.3853	0.0018	15.5192	0.0019	36.6745	0.0052
		17.3867	0.0020	15.5208	0.0020	36.6784	0.0056
		17.3798	0.0027	15.5213	0.0022	36.6738	0.0068
		17.3786	0.0018	15.5222	0.0021	36.6886	0.0061
		17.3754	0.0020	15.5180	0.0025	36.6678	0.0073
		17.3812	0.0014	15.5191	0.0016	36.6743	0.0049
		17.3753	0.0018	15.5200	0.0019	36.6716	0.0059
		17.3772	0.0018	15.5231	0.0020	36.6830	0.0063
		17.3761	0.0015	15.5200	0.0017	36.6750	0.0048
2009407	Sønnristjern	17.3524	0.0040	15.5151	0.0030	36.6076	0.0100
		17.3204	0.0025	15.5104	0.0029	36.6002	0.0078
		17.3215	0.0024	15.5115	0.0020	36.6070	0.0047
		17.3134	0.0029	15.5084	0.0029	36.5940	0.0089
		17.3095	0.0038	15.5086	0.0045	36.5904	0.0140
		17.3173	0.0024	15.5054	0.0031	36.5840	0.0096
		17.3286	0.0030	15.5158	0.0034	36.6096	0.0099
		17.3175	0.0026	15.5076	0.0029	36.5821	0.0091
		17.3202	0.0018	15.5140	0.0021	36.6097	0.0068
		17.3207	0.0021	15.5138	0.0024	36.6088	0.0073
26051712	Herrefoss granite	17.0760	0.0089	15.4694	0.0080	36.5764	0.0250
		17.0624	0.0120	15.4724	0.0150	36.5501	0.0530
		17.0555	0.0120	15.4610	0.0140	36.5599	0.0390
59295	Solås	17.3606	0.0025	15.5032	0.0017	36.6843	0.0041
		17.3918	0.0028	15.5117	0.0018	36.7047	0.0045
		17.3914	0.0028	15.5132	0.0020	36.7102	0.0048
		17.4109	0.0034	15.5095	0.0019	36.7060	0.0048
		17.4463	0.0110	15.5122	0.0023	36.7214	0.0074
		17.3591	0.0024	15.5054	0.0022	36.6905	0.0053
		17.4412	0.0071	15.5081	0.0013	36.6949	0.0029
		17.3675	0.0027	15.4987	0.0029	36.6709	0.0071
		17.3662	0.0025	15.5064	0.0021	36.6935	0.0043
		17.3634	0.0015	15.5069	0.0017	36.6917	0.0043
09070819	Solås	17.3279	0.0033	15.5151	0.0046	36.7239	0.0140
		17.3397	0.0044	15.5154	0.0031	36.7234	0.0096
		17.3144	0.0033	15.5073	0.0046	36.6959	0.0140
		17.3394	0.0039	15.5192	0.0039	36.7401	0.0120
		17.3645	0.0037	15.5200	0.0031	36.7361	0.0096
		17.4241	0.0055	15.5240	0.0050	36.7594	0.0160
		17.3878	0.0110	15.5346	0.0035	36.7815	0.0097
		17.3375	0.0039	15.5303	0.0042	36.7760	0.0120
		17.3489	0.0040	15.5199	0.0045	36.7384	0.0140
		17.3276	0.0039	15.5156	0.0058	36.7297	0.0180
12070802	Landsverk 1	17.1371	0.0011	15.4889	0.0011	36.5104	0.0029
		17.1376	0.0013	15.4888	0.0015	36.5101	0.0045
		17.1355	0.0010	15.4865	0.0012	36.5028	0.0034
		17.1392	0.0010	15.4905	0.0012	36.5132	0.0034
		17.1334	0.0008	15.4833	0.0011	36.4944	0.0028
		17.1375	0.0015	15.4901	0.0016	36.5139	0.0043
		17.1362	0.0009	15.4884	0.0010	36.5087	0.0031
		17.1374	0.0007	15.4916	0.0007	36.5163	0.0026
		17.1372	0.0008	15.4891	0.0010	36.5084	0.0028
		17.1357	0.0008	15.4891	0.0011	36.5108	0.0032
07070802	Steli	17.5506	0.0021	15.5378	0.0023	36.8199	0.0069

		17.5603	0.0027	15.5305	0.0021	36.7965	0.0062
		17.6333	0.0093	15.5389	0.0063	36.8244	0.0210
		17.5371	0.0024	15.5250	0.0025	36.7833	0.0071
		17.5588	0.0023	15.5288	0.0024	36.7959	0.0065
		17.5723	0.0068	15.5365	0.0028	36.8140	0.0080
		17.5681	0.0026	15.5307	0.0026	36.7992	0.0078
		17.5590	0.0029	15.5396	0.0026	36.8256	0.0078
		17.5425	0.0018	15.5324	0.0021	36.8022	0.0060
		17.5506	0.0023	15.5437	0.0025	36.8392	0.0078
22051701	Høvringvatnet granite	16.6233	0.0085	15.4447	0.0130	36.3234	0.0390
		16.6393	0.0084	15.4773	0.0120	36.3950	0.0360
		16.6988	0.0180	15.4380	0.0140	36.2902	0.0430
		16.5733	0.0088	15.3900	0.0120	36.1570	0.0420
		16.6514	0.0096	15.4789	0.0120	36.4225	0.0380
14101602	Herrebøkasa	16.9063	0.0034	15.4865	0.0035	36.7592	0.0098
		16.8979	0.0027	15.4768	0.0029	36.7260	0.0083
		16.9076	0.0023	15.4913	0.0029	36.7686	0.0087
		16.9188	0.0025	15.4899	0.0031	36.7648	0.0092
		16.9107	0.0033	15.4876	0.0041	36.7533	0.0110
		16.9054	0.0028	15.4882	0.0034	36.7595	0.0100
		16.9053	0.0036	15.4780	0.0033	36.7325	0.0100
		16.9021	0.0026	15.4859	0.0032	36.7572	0.0089
		16.9033	0.0034	15.4854	0.0038	36.7531	0.0110
		16.9211	0.0024	15.4927	0.0020	36.7711	0.0056
14101610	Idefjord granite	16.9646	0.0092	15.4879	0.0100	36.7280	0.0330
		16.9678	0.0130	15.4839	0.0150	36.7147	0.0420
		16.9290	0.0078	15.4854	0.0094	36.7056	0.0300
		16.9468	0.0089	15.5057	0.0082	36.7717	0.0230
		16.9681	0.0087	15.5099	0.0084	36.7916	0.0250
		16.9769	0.0120	15.4801	0.0120	36.7056	0.0370
		16.9446	0.0080	15.5009	0.0098	36.7529	0.0310
		16.9292	0.0073	15.4846	0.0094	36.7232	0.0260
		17.0561	0.0088	15.4863	0.0092	36.7364	0.0270
07061607	Kleppe quarry	17.2681	0.0015	15.5054	0.0016	36.7120	0.0042
		17.2662	0.0017	15.5043	0.0016	36.7108	0.0047
		17.2638	0.0011	15.5010	0.0014	36.6991	0.0039
		17.2668	0.0016	15.5036	0.0018	36.7057	0.0052
		17.2680	0.0013	15.5022	0.0016	36.7007	0.0047
		17.2663	0.0017	15.5019	0.0017	36.6995	0.0052
		17.2657	0.0013	15.5016	0.0018	36.6999	0.0049
		17.2665	0.0014	15.5049	0.0016	36.7075	0.0048
		17.2644	0.0015	15.5004	0.0018	36.6949	0.0050
		17.2637	0.0012	15.5007	0.0016	36.6994	0.0047
05061610	Svåheii 3	17.3020	0.0022	15.5026	0.0018	36.7459	0.0046
		17.3125	0.0018	15.5117	0.0018	36.7649	0.0038
		17.3097	0.0014	15.5091	0.0013	36.7608	0.0033
		17.3072	0.0019	15.5073	0.0018	36.7546	0.0044
		17.3088	0.0017	15.5090	0.0015	36.7585	0.0035
		17.3083	0.0014	15.5085	0.0013	36.7563	0.0033
		17.3000	0.0016	15.5016	0.0016	36.7377	0.0041
		17.2995	0.0021	15.5006	0.0020	36.7362	0.0052
		17.3135	0.0022	15.5076	0.0023	36.7563	0.0056
		17.3050	0.0020	15.5055	0.0019	36.7541	0.0043
23091503	Upper Høydalen	17.3254	0.0019	15.4999	0.0014	36.7244	0.0035
		17.3298	0.0017	15.5059	0.0013	36.7354	0.0035
		17.3378	0.0018	15.5031	0.0012	36.7342	0.0029
		17.3381	0.0016	15.5079	0.0014	36.7440	0.0036
		17.3415	0.0018	15.5059	0.0020	36.7407	0.0046
		17.3278	0.0023	15.5018	0.0018	36.7305	0.0046

		17.3241	0.0013	15.5005	0.0013	36.7268	0.0032
		17.3277	0.0017	15.5042	0.0015	36.7379	0.0039
		17.3322	0.0012	15.5060	0.0010	36.7411	0.0025
		17.3288	0.0014	15.5063	0.0014	36.7408	0.0033
23091502	Upper Høydalen	17.3483	0.0029	15.5052	0.0022	36.7265	0.0065
		17.3228	0.0011	15.5039	0.0012	36.7332	0.0032
		17.3212	0.0008	15.5020	0.0007	36.7280	0.0020
		17.3187	0.0013	15.4994	0.0012	36.7215	0.0029
		17.3228	0.0013	15.5022	0.0013	36.7275	0.0033
		17.3195	0.0009	15.5027	0.0009	36.7295	0.0027
05061621	Pegmatitic granite	17.2442	0.0013	15.5021	0.0014	36.7110	0.0042
		17.2469	0.0018	15.5047	0.0020	36.7128	0.0057
		17.2473	0.0020	15.5063	0.0021	36.7205	0.0063
		17.2502	0.0018	15.5096	0.0019	36.7317	0.0060
		17.2497	0.0010	15.5077	0.0011	36.7287	0.0038
		17.2596	0.0025	15.5145	0.0025	36.7508	0.0075
		17.2681	0.0046	15.5030	0.0018	36.7170	0.0060
		17.2568	0.0013	15.5062	0.0016	36.7232	0.0043
		17.2479	0.0014	15.4988	0.0018	36.7023	0.0057
		17.2513	0.0017	15.5088	0.0019	36.7312	0.0059
20091501	Tørdal granite	17.3555	0.0057	15.5098	0.0054	36.8799	0.0150
		17.3370	0.0074	15.5161	0.0095	36.8336	0.0280
		17.3375	0.0085	15.5215	0.0081	36.8412	0.0230
		17.3189	0.0048	15.5055	0.0053	36.7996	0.0150
		17.3364	0.0066	15.5298	0.0064	36.8737	0.0190
		17.3090	0.0056	15.4960	0.0063	36.7666	0.0190
		17.3221	0.0060	15.4983	0.0060	36.7622	0.0190
		17.3793	0.0046	15.5311	0.0043	36.9119	0.0150
		17.3299	0.0065	15.5084	0.0068	36.8147	0.0200
		17.3550	0.0066	15.5011	0.0057	36.8408	0.0170