Table 3, a-b. The results of the isotopic U–Th–Pb LA-ICP-MS analyses of detrital zircons from the terrigenous rocks (sample Tc-16/117) of the Southern Sangilen: a) groop of 50 zircon species; b) groop of 10 zircon species

a) groop of 50 zircon species

Analysis		ppm		Corrected ratios							Age, Ma				D, %
	Th/U	U	Pb	$^{207}Pb/^{206}Pb$	1σ	$^{207}Pb/^{235}U$	1σ	$^{206}Pb/^{238}U$	1σ	Rho	$^{207}Pb/^{206}Pb$	1σ	$^{206}Pb/^{238}U$	1σ	
16-117 (13)	1.22	52	6.5	0.0651	0.0017	1.1151	0.0280	0.1244	0.0023	0.73	778.4	55.2	755.7	13.1	0.6
16-117 (12)	0.73	88	11	0.0638	0.0015	1.1395	0.0256	0.1297	0.0023	0.80	735.4	50.0	786.2	13.4	-1.8
16-117 (27)	1.30	117	15	0.0660	0.0015	1.1913	0.0254	0.1310	0.0024	0.84	807.5	47.1	793.8	13.4	0.4
16-117 (25)	1.40	84	11	0.0678	0.0018	1.2280	0.0311	0.1315	0.0024	0.73	863.1	54.8	796.5	13.9	2.1
16-117 (31)	0.84	101	14	0.0727	0.0017	1.3555	0.0303	0.1355	0.0025	0.81	1004	47.7	819.3	14.0	6.2
16-117 (32)	0.39	308	42	0.0680	0.0014	1.2732	0.0249	0.1361	0.0024	0.91	867.4	43.0	822.5	13.7	1.4
16-117 (19)	0.80	66	9.1	0.0679	0.0017	1.2782	0.0296	0.1368	0.0025	0.79	865.4	50.4	826.2	14.1	1.2
16-117 (14)	1.14	91	13	0.0681	0.0016	1.2845	0.0277	0.1370	0.0025	0.83	872.0	47.2	827.5	14.0	1.4
16-117 (30)	0.80	153	21	0.0671	0.0015	1.2757	0.0261	0.1382	0.0025	0.87	839.6	45.1	834.3	14.0	0.1
16-117 (7)	0.61	227	32	0.0681	0.0014	1.3002	0.0250	0.1387	0.0025	0.92	871.3	42.6	837.3	13.9	1.0
16-117 (6)	2.25	173	24	0.0674	0.0014	1.2926	0.0254	0.1394	0.0025	0.90	848.7	43.6	841.3	14.0	0.1
16-117 (18)	1.16	33	4.6	0.0657	0.0020	1.2674	0.0364	0.1401	0.0027	0.66	797.6	62.3	845.0	15.1	-1.6
16-117 (22)	0.67	62	8.8	0.0692	0.0018	1.3483	0.0320	0.1415	0.0026	0.77	904.7	51.3	853.3	14.6	1.6
16-117 (20)	1.34	82	12	0.0752	0.0020	1.4733	0.0362	0.1423	0.0026	0.76	1073.7	51.7	857.7	14.9	7.2
16-117 (29)	0.51	31	4.4	0.0682	0.0020	1.3661	0.0375	0.1455	0.0028	0.69	874.4	59.0	875.7	15.5	-0.1
16-117 (1)	0.85	48	7.0	0.0682	0.0017	1.3711	0.0326	0.1460	0.0027	0.77	874.3	51.7	878.7	15.0	-0.2
16-117 (28)	0.65	40	5.9	0.0770	0.0022	1.5516	0.0419	0.1463	0.0028	0.70	1122	56.1	880.1	15.6	8.1
16-117 (21)	0.14	288	42	0.0736	0.0016	1.4891	0.0302	0.1470	0.0026	0.88	1029	43.6	884.3	14.8	4.7
16-117 (33)	1.25	34	5.2	0.0696	0.0021	1.4466	0.0407	0.1510	0.0029	0.68	916.2	59.9	906.6	16.1	0.2
16-117 (2)	0.05	18	5.8	0.1175	0.0032	5.1280	0.1322	0.3170	0.0062	0.76	1918	48.5	1774	30.5	8.1
16-117 (26)	0.21	356	118	0.1241	0.0025	5.6489	0.1042	0.3306	0.0058	0.96	2016	35.0	1841	28.3	9.5
16-117 (15)	1.12	80	27	0.1145	0.0024	5.2625	0.1002	0.3337	0.0059	0.93	1872	36.7	1856	28.7	0.9
16-117 (3)	1.98	84	31	0.1280	0.0026	6.5608	0.1221	0.3723	0.0066	0.95	2070	35.2	2040	31.0	1.5

16-117 (23)	0.01	189	77	0.1407	0.0028	7.9507	0.1455	0.4103	0.0072	0.96	2236	33.9	2216	33.1	0.9
16-117 (17)	1.16	442	250	0.2095	0.0041	16.3383	0.2915	0.5665	0.0099	0.98	2901	31.1	2893	40.9	0.3
16-117 (11)	0.58	181	104	0.2200	0.0043	17.4500	0.3123	0.5761	0.0101	0.98	2980	31.0	2932	41.4	1.6
16-117 (10)	0.89	268	156	0.2195	0.0042	17.5217	0.3111	0.5799	0.0102	0.99	2976	30.8	2948	41.4	1.0
16-117 (8)	0.74	149	21	0.0776	0.0018	1.4859	0.0311	0.1391	0.0025	0.86	1136	44.2	839	14.1	10.2
16-117 (16)	1.24	176	26	0.0799	0.0017	1.6273	0.0317	0.1480	0.0026	0.91	1193	41.0	889	14.7	10.2
16-117 (4)	1.42	38	5.6	0.0818	0.0021	1.6694	0.0399	0.1482	0.0027	0.77	1241	49.3	890	15.3	11.9
16-117 (5)	0.74	355	131	0.1523	0.0030	7.7286	0.1374	0.3687	0.0065	0.98	2371	32.7	2023	30.4	17.2
16-117 (24)	0.99	194	28	0.0886	0.0019	1.7608	0.0340	0.1444	0.0026	0.92	1395	39.4	869	14.4	18.6
16-117 (9)	0.96	34	4.8	0.0877	0.0026	1.6950	0.0465	0.1404	0.0027	0.70	1375	55.1	847	15.3	18.9

b) groop of 10 zircon species

Analysis	Th/U	ppm		Corrected ratios							Age, Ma				D, %
		U	Pb	$^{207}Pb/^{206}Pb$	1σ	$^{207}Pb/^{235}U$	1σ	$^{206}Pb/^{238}U$	1σ	Rho	$^{207}Pb/^{206}Pb$	1σ	$^{206}Pb/^{238}U$	1σ	
16-117* (14)	0.67	86		0.0652	0.0015	1.1445	0.0244	0.1274	0.0022	0.83	782	47.4	773.3	13.0	0.18
16-117* (6)	0.92	79		0.0698	0.0015	1.3610	0.0281	0.1415	0.0025	0.86	924	45.0	853.3	14.2	2.23
16-117* (12)	0.53	227		0.0680	0.0014	1.3262	0.0257	0.1416	0.0025	0.90	868	42.9	854.1	14.1	0.36
16-117* (4)	0.44	104		0.0715	0.0015	1.4242	0.0282	0.1446	0.0025	0.89	972	43.1	871	14.4	3.23
16-117* (9)	0.29	45		0.0702	0.0017	1.4096	0.0325	0.1457	0.0026	0.787	935	49.8	877.1	14.9	1.81
16-117* (2)	0.63	75		0.0785	0.0017	1.5988	0.0329	0.1478	0.0026	0.866	1160	43.4	889.1	14.8	9.07
16-117* (15)	0.72	342		0.1394	0.0028	6.9994	0.1300	0.3647	0.0064	0.946	2219	34.5	2004.6	30.2	5.33
16-117* (1)	0.42	79		0.1757	0.0035	12.1656	0.2242	0.5029	0.0088	0.955	2612	32.9	2626.6	38	-0.35
16-117* (11)	1.25	79		0.1880	0.0037	13.3474	0.2476	0.5156	0.0090	0.950	2724.9	32.8	2680.8	38.6	0.88