

Table S1. U-Pb data of LA-ICP-MS analyses of detrital zircons from metasedimentary and meta-igneous rocks samples of the Wuguan Complex and Liuling Group

	Pb	Th	U		²⁰⁷ Pb/ ²⁰⁶ Pb		²⁰⁷ Pb/ ²³⁵ U		²⁰⁶ Pb/ ²³⁸ U		²⁰⁷ Pb/ ²⁰⁶ Pb		²⁰⁷ Pb/ ²³⁵ U		²⁰⁶ Pb/ ²³⁸ U				
Grain	(ppm)	(ppm)	(ppm)	Th/U	ratio	1σ	ratio	1σ	ratio	1σ	Age	1σ	Age	1σ	Age	1σ	Con (%)	Spot position	characteristic
GQ20: Biotite quartz schist																			
1	71.3	784	679	1.16	0.0596	0.0021	0.6023	0.0216	0.0724	0.0020	590	52	479	14	451	12	94	core	Oscillatory zoning
2	45.22	207	507	0.41	0.0551	0.0037	0.5395	0.0325	0.0710	0.0020	418	153	438	21	442	12	99	core	Oscillatory zoning
3	30.13	32.1	149	0.21	0.0788	0.0028	1.8779	0.0627	0.1719	0.0047	1166	40	1073	22	1023	26	95	core	Oscillatory zoning
4	133.8	91.7	404	0.23	0.1347	0.0091	4.7011	0.2605	0.2532	0.0098	2160	121	1767	46	1455	50	81	core	Oscillatory zoning
5	111.0	146	392	0.37	0.0943	0.0035	3.0096	0.0961	0.2294	0.0061	1514	34	1410	24	1331	32	94	core	Oscillatory zoning
6	15.56	126	147	0.86	0.0596	0.0032	0.6418	0.0288	0.0750	0.0021	590	77	503	18	466	13	92	core	Planar zoning
7	71.1	582	681	0.86	0.0571	0.0029	0.6125	0.0226	0.0762	0.0021	497	57	485	14	473	12	97	core	Oscillatory zoning
8	137.40	81.0	878	0.09	0.0741	0.0033	1.4062	0.0509	0.1376	0.0037	1045	93	892	21	831	21	93	core	Oscillatory zoning
9	118.4	1054	470	2.24	0.0748	0.0036	1.4489	0.0572	0.1389	0.0038	1063	58	909	24	839	22	92	core	Oscillatory zoning
10	73.7	380	708	0.54	0.0608	0.0026	0.7013	0.0258	0.0826	0.0023	632	54	540	15	512	13	95	core	Oscillatory zoning
11	7.27	44.1	77.5	0.57	0.0579	0.0035	0.5885	0.0313	0.0741	0.0022	526	99	470	20	461	13	98	core	Planar zoning
12	58.3	82.6	175	0.47	0.1013	0.0058	3.4530	0.1680	0.2472	0.0075	1648	109	1517	38	1424	39	94	core	Oscillatory zoning
13	67.5	449	725	0.62	0.0586	0.0022	0.5923	0.0193	0.0727	0.0020	551	41	472	12	453	12	96	core	Oscillatory zoning
14	26.8	233	263	0.89	0.0560	0.0023	0.5802	0.0224	0.0748	0.0021	451	60	465	14	465	13	100	core	Oscillatory zoning
15	126.8	322	740	0.44	0.0698	0.0024	1.3420	0.0428	0.1386	0.0039	922	32	864	19	837	22	97	core	Oscillatory zoning
16	84.7	441	964	0.46	0.0564	0.0019	0.5638	0.0181	0.0721	0.0020	468	35	454	12	449	12	99	core	Oscillatory zoning
17	181.2	652	2307	0.28	0.0543	0.0031	0.4723	0.0242	0.0631	0.0017	382	134	393	17	395	10	99	core	Oscillatory zoning
18	6.71	31.5	70.5	0.45	0.0610	0.0033	0.6099	0.0323	0.0736	0.0024	640	92	484	20	458	14	94	core	Planar zoning
19	40.83	132	308	0.43	0.0789	0.0083	1.0271	0.1007	0.0944	0.0035	1170	216	717	50	582	20	79	core	Oscillatory zoning
20	70.7	918	609	1.51	0.0565	0.0018	0.5532	0.0172	0.0709	0.0019	471	37	447	11	441	11	99	core	Oscillatory zoning
21	30.95	96.5	177	0.54	0.0642	0.0025	1.2014	0.0398	0.1329	0.0036	749	42	801	18	805	20	100	core	Oscillatory zoning

22	150.0	241	726	0.33	0.0712	0.0021	1.6543	0.0477	0.1679	0.0044	962	25	991	18	1000	24	99	core	Oscillatory zoning
23	19.01	190	160	1.18	0.0560	0.0025	0.6202	0.0268	0.0807	0.0023	451	74	490	17	500	14	98	core	Oscillatory zoning
24	221.7	141	1000	0.14	0.0743	0.0022	1.9695	0.0578	0.1915	0.0052	1051	23	1105	20	1129	28	98	core	Oscillatory zoning
25	49.0	471	514	0.92	0.0580	0.0018	0.5366	0.0172	0.0667	0.0018	531	40	436	11	416	11	95	core	Oscillatory zoning
26	74.07	308	961	0.32	0.0556	0.0043	0.5112	0.0366	0.0667	0.0019	437	177	419	25	416	12	99	core	Oscillatory zoning
27	144.6	126	661	0.19	0.1074	0.0058	2.4381	0.1079	0.1646	0.0051	1756	102	1254	32	982	28	76	core	Oscillatory zoning
28	36.7	273	359	0.76	0.0560	0.0019	0.5734	0.0190	0.0743	0.0020	451	44	460	12	462	12	100	core	Oscillatory zoning
29	24.9	242	237	1.02	0.0554	0.0021	0.5538	0.0197	0.0708	0.0019	430	52	447	13	441	12	99	core	Oscillatory zoning
30	27.32	80.5	135	0.60	0.0728	0.0027	1.5263	0.0540	0.1520	0.0041	1007	48	941	22	912	23	97	core	Planar zoning
31	49.69	60.2	210	0.29	0.0805	0.0025	2.1046	0.0675	0.1886	0.0050	1210	36	1150	22	1114	27	97	core	Oscillatory zoning
32	134.74	85.4	616	0.14	0.0782	0.0030	1.6635	0.1306	0.1400	0.0077	1153	114	995	50	845	44	84	core	Oscillatory zoning
33	59.9	389	755	0.52	0.0555	0.0018	0.4934	0.0156	0.0645	0.0018	432	37	407	11	403	11	99	core	Oscillatory zoning
34	16.08	121	79.9	1.51	0.0648	0.0027	1.1209	0.0440	0.1263	0.0035	767	60	763	21	767	20	99	core	Oscillatory zoning
35	70.4	371	617	0.60	0.0646	0.0020	0.7818	0.0249	0.0875	0.0023	761	38	587	14	540	14	92	core	Oscillatory zoning
36	82.3	94.8	446	0.21												12	91	core	Oscillatory zoning
					0.0759	0.0037	2.8570	0.3160	0.2607	0.0238	1092	128	1371	83	1493	2			
37	24.7	247	229	1.08	0.0538	0.0022	0.5685	0.0220	0.0749	0.0020	363	64	457	14	466	12	98	core	Oscillatory zoning
38	26.77	67.2	310	0.22	0.0570	0.0019	0.5857	0.0189	0.0744	0.0020	492	39	468	12	463	12	99	core	Oscillatory zoning
39	87.7	197	252	0.78	0.0939	0.0030	3.3095	0.1099	0.2543	0.0076	1507	29	1483	26	1460	39	98	core	Oscillatory zoning
40	10.65	72.0	109	0.66	0.0461	0.0094	0.4443	0.0888	0.0700	0.0025		343	373	62	436	15	84	core	Oscillatory zoning
41	13.52	103	63.9	1.62	0.0663	0.0029	1.2141	0.0541	0.1329	0.0038	816	72	807	25	804	22	100	core	Oscillatory zoning
42	30.7	276	311	0.89	0.0545	0.0018	0.5512	0.0188	0.0731	0.0020	392	48	446	12	455	12	98	core	Oscillatory zoning
43	53.6	316	292	1.08	0.0645	0.0022	1.1638	0.0388	0.1306	0.0035	756	44	784	18	791	20	99	core	Oscillatory zoning
44	54.2	229	624	0.37	0.0556	0.0018	0.5627	0.0181	0.0732	0.0020	436	41	453	12	456	12	99	core	Oscillatory zoning
45	47.9	389	467	0.83	0.0577	0.0020	0.6101	0.0211	0.0766	0.0021	518	49	484	13	476	12	98	core	Oscillatory zoning
46	65.0	452	732	0.62	0.0592	0.0019	0.5683	0.0184	0.0694	0.0018	573	42	457	12	433	11	95	core	Oscillatory zoning

47	79.0	171	362	0.47	0.0685	0.0022	1.6996	0.0564	0.1795	0.0048	883	41	1008	21	1064	26	95	core	Oscillatory zoning
48	29.39	175	324	0.54	0.0549	0.0021	0.5557	0.0213	0.0734	0.0020	407	61	449	14	457	12	98	core	Oscillatory zoning
49	206.78	214	3240	0.07	0.0605	0.0031	0.4790	0.0202	0.0574	0.0017	622	113	397	14	360	10	90	core	Oscillatory zoning
50	14.89	74.8	143	0.52	0.0575	0.0054	0.6330	0.0568	0.0798	0.0023	511	215	498	35	495	14	99	core	Planar zoning
51	255.9	355	808	0.44	0.0921	0.0048	3.1820	0.1403	0.2506	0.0068	1469	101	1453	34	1441	35	99	core	Oscillatory zoning
52	23.69	138	268	0.51	0.0574	0.0026	0.5710	0.0200	0.0696	0.0019	506	49	459	13	434	11	94	core	Oscillatory zoning
53	31.44	75.4	190	0.40	0.0697	0.0026	1.3058	0.0484	0.1368	0.0043	918	42	848	21	827	24	97	core	Oscillatory zoning
54	25.47	96.0	132	0.73	0.0683	0.0025	1.4068	0.0502	0.1490	0.0041	877	49	892	21	895	23	100	core	fir-tree zoning
55	129.75	72.7	518	0.14	0.0833	0.0027	2.5536	0.0749	0.2216	0.0058	1276	27	1287	21	1290	30	100	core	Oscillatory zoning
56	30.48	215	325	0.66	0.0578	0.0022	0.5893	0.0218	0.0739	0.0020	521	57	470	14	460	12	98	core	Oscillatory zoning
57	62.1	89.9	88.3	1.02	0.1691	0.0053	11.0161	0.3416	0.4729	0.0129	2549	25	2524	29	2496	56	99	core	Planar zoning
58	20.22	117	97.5	1.20	0.0641	0.0026	1.2994	0.0504	0.1467	0.0040	745	59	845	22	883	23	96	core	Oscillatory zoning
59	33.3	158	181	0.87	0.0665	0.0023	1.2421	0.0422	0.1360	0.0038	823	42	820	19	822	21	100	core	Oscillatory zoning
60	57.8	120	350	0.34	0.0676	0.0021	1.3360	0.0433	0.1427	0.0039	857	37	861	19	860	22	100	core	Oscillatory zoning
61	27.5	153	133	1.15	0.0687	0.0025	1.3802	0.0456	0.1460	0.0040	890	39	881	19	878	22	100	core	Oscillatory zoning
62	32.30	114	191	0.59	0.0643	0.0024	1.1922	0.0399	0.1345	0.0037	751	42	797	18	814	21	98	core	Oscillatory zoning
63	169.02	53.7	831	0.06	0.0772	0.0024	2.0134	0.0667	0.1883	0.0054	1126	35	1120	22	1112	29	99	core	Oscillatory zoning
64	82.4	108	469	0.23	0.0862	0.0147	2.0603	0.3199	0.1734	0.0124	1342	357	1136	10	1031	68	90	core	Oscillatory zoning
65	77.6	111	423	0.26										6					
66	196.0	1514	2416	0.63	0.0553	0.0017	0.4950	0.0153	0.0651	0.0017	425	36	408	10	407	10	100	core	Oscillatory zoning
67	30.55	102	210	0.49	0.0638	0.0023	1.0437	0.0411	0.1180	0.0040	735	43	726	20	719	23	99	core	Oscillatory zoning
68	135.9	214	279	0.77	0.1290	0.0044	6.2057	0.2264	0.3493	0.0095	2084	44	2005	32	1931	45	96	core	Planar zoning
69	71.5	195	86.2	2.26	0.1622	0.0051	10.0438	0.3118	0.4525	0.0122	2479	27	2439	29	2406	54	99	core	Planar zoning
70	35.95	216	397	0.55	0.0570	0.0021	0.5561	0.0195	0.0716	0.0020	490	50	449	13	446	12	99	core	Oscillatory zoning
71	62.1	388	720	0.54	0.0579	0.0019	0.5576	0.0184	0.0705	0.0020	526	40	450	12	439	12	98	core	Oscillatory zoning

72	47.5	182	280	0.65	0.0676	0.0025	1.2228	0.0427	0.1292	0.0035	857	46	811	20	783	20	96	core	Oscillatory zoning
TW43: Garnet mica quartz schist																			
1	129.2	137	733	0.19	0.0736	0.0036	1.5980	0.0659	0.1574	0.0042	1031	102	969	26	943	24	97	core	Oscillatory zoning
2	45.23	57.2	267	0.21	0.0730	0.0038	1.5205	0.0664	0.1511	0.0043	1014	108	939	27	907	24	97	core	Oscillatory zoning
3	96.6	755	1004	0.75	0.0611	0.0022	0.6326	0.0219	0.0752	0.0021	643	47	498	14	468	12	94	core	Oscillatory zoning
4	119.3	160	718	0.22	0.0717	0.0035	1.4792	0.0594	0.1497	0.0040	977	101	922	24	899	22	97	core	Oscillatory zoning
5	19.35	79.3	126	0.63	0.0631	0.0055	1.0712	0.0874	0.1231	0.0038	713	192	739	43	748	22	99	core	fir-tree zoning
6	28.62	163	343	0.48	0.0667	0.0032	0.6382	0.0271	0.0693	0.0019	830	69	501	17	432	11	85	core	Oscillatory zoning
7	159.5	180	301	0.60	0.1643	0.0088	9.1199	0.4067	0.4025	0.0117	2501	92	2350	41	2181	54	93	core	Oscillatory zoning
8	407	806	1385	0.58	0.0861	0.0064	2.6740	0.1805	0.2252	0.0069	1341	148	1321	50	1309	36	99	core	Oscillatory zoning
9	8.35	32.1	71.9	0.45	0.0905	0.0064	1.2240	0.0742	0.0927	0.0034	1437	95	812	34	572	20	65	core	Oscillatory zoning
10	21.96	185	247	0.75	0.0636	0.0034	0.6134	0.0275	0.0699	0.0020	727	76	486	17	435	12	89	core	Oscillatory zoning
11	240.1	461	618	0.75	0.1145	0.0045	4.8563	0.1596	0.3063	0.0082	1871	35	1795	28	1723	40	96	core	Oscillatory zoning
12	146.7	189	313	0.61	0.1348	0.0075	6.7886	0.3182	0.3652	0.0108	2162	99	2084	41	2007	51	96	core	Oscillatory zoning
13	42.8	262	455	0.58	0.0561	0.0044	0.5866	0.0426	0.0758	0.0022	457	179	469	27	471	13	100	core	Oscillatory zoning
14	7.93	0.37	163	0.00	0.0594	0.0041	0.3813	0.0239	0.0465	0.0014	581	123	328	18	293	9	89	rim	bright rim
15	12.10	73.5	141	0.52	0.0616	0.0054	0.5708	0.0465	0.0673	0.0021	658	193	459	30	420	12	91	core	planar zoning
16	166.3	151	470	0.32	0.1149	0.0041	4.9053	0.1675	0.3066	0.0084	1879	38	1803	29	1724	41	96	core	Oscillatory zoning
17	303.4	134	1476	0.09	0.0818	0.0029	2.1725	0.0742	0.1906	0.0052	1241	42	1172	24	1125	28	96	core	Oscillatory zoning
18	16.22	148	217	0.68	0.0556	0.0052	0.4403	0.0388	0.0575	0.0018	435	213	370	27	360	11	97	core	Oscillatory zoning
19	52.1	181	330	0.55	0.0652	0.0028	1.1665	0.0423	0.1291	0.0036	779	51	785	20	782	20	100	core	Oscillatory zoning
20	112.6	381	712	0.53	0.0669	0.0024	1.2301	0.0415	0.1293	0.0035	836	43	814	19	784	20	96	core	Oscillatory zoning
21	17.92	105	103	1.02	0.0667	0.0034	1.1938	0.0577	0.1302	0.0039	827	81	798	27	789	22	99	core	Oscillatory zoning
22	40.2	282	440	0.64	0.0562	0.0023	0.5690	0.0218	0.0730	0.0020	460	60	457	14	454	12	99	core	Oscillatory zoning
23	134.2	145	358	0.41	0.1119	0.0038	4.8468	0.1638	0.3121	0.0086	1830	36	1793	28	1751	42	98	core	Oscillatory zoning
24	102.0	157	335	0.47	0.0945	0.0034	3.4043	0.1453	0.2569	0.0083	1517	54	1505	34	1474	43	98	core	Oscillatory zoning

25	64.6	92.5	140	0.66	0.1189	0.0045	5.9240	0.2133	0.3590	0.0101	1940	41	1965	31	1977	48	99	core	Oscillatory zoning
26	122.8	271	724	0.37	0.0666	0.0024	1.3632	0.0469	0.1475	0.0041	824	43	873	20	887	23	98	core	Oscillatory zoning
27	18.11	134	207	0.65	0.0486	0.0023	0.4709	0.0217	0.0702	0.0020	129	84	392	15	437	12	89	core	Oscillatory zoning
28	133.1	749	395	1.89	0.0777	0.0028	2.2594	0.0755	0.2096	0.0057	1140	39	1200	24	1227	30	98	core	Oscillatory zoning
29	105.1	191	446	0.43	0.0752	0.0025	2.0929	0.0701	0.2005	0.0054	1074	41	1146	23	1178	29	97	core	Oscillatory zoning
30	224.0	156	389	0.40	0.1625	0.0052	10.3564	0.3281	0.4592	0.0122	2482	30	2467	29	2436	54	99	core	Oscillatory zoning
31	481.5	70.2	966	0.07	0.1531	0.0048	9.2074	0.2898	0.4331	0.0116	2381	29	2359	29	2319	52	98	core	Oscillatory zoning
32	73.1	123	406	0.30	0.0661	0.0024	1.4600	0.0522	0.1594	0.0044	809	49	914	22	953	24	96	core	Oscillatory zoning
33	70.3	208	338	0.61	0.0705	0.0026	1.6689	0.0564	0.1713	0.0047	944	41	997	21	1019	26	98	core	Oscillatory zoning
34	98.8	229	220	1.04	0.1083	0.0036	4.8473	0.1594	0.3235	0.0088	1771	35	1793	28	1807	43	99	core	Oscillatory zoning
35	77.2	109	199	0.55	0.1079	0.0037	4.6717	0.1579	0.3128	0.0085	1764	37	1762	28	1754	42	100	core	Oscillatory zoning
36	38.1	54.2	57.5	0.94	0.1610	0.0063	10.4508	0.3761	0.4699	0.0133	2467	38	2476	33	2483	58	100	core	Oscillatory zoning
37	5.72	17.8	27.7	0.64	0.0713	0.0058	1.5545	0.1080	0.1560	0.0054	965	127	952	43	934	30	98	core	planar zoning
38	28.0	256	290	0.88	0.0616	0.0030	0.6195	0.0285	0.0733	0.0021	659	80	490	18	456	12	93	core	Oscillatory zoning
39	73.0	111	181	0.61	0.1103	0.0042	4.8138	0.1723	0.3162	0.0087	1804	43	1787	30	1771	43	99	core	Oscillatory zoning
40	102.3	98.0	456	0.21	0.0855	0.0034	2.3226	0.0943	0.2077	0.0158	1328	81	1219	29	1217	84	99	core	Oscillatory zoning
41	31.36	82.4	140	0.59	0.0756	0.0035	1.9061	0.0790	0.1757	0.0050	1083	62	1083	28	1043	28	96	core	Oscillatory zoning
42	25.4	246	262	0.94	0.0590	0.0028	0.5777	0.0249	0.0713	0.0020	565	73	463	16	444	12	96	core	Oscillatory zoning
43	90.2	259	486	0.53	0.0719	0.0026	1.4950	0.0517	0.1506	0.0040	983	45	928	21	905	23	97	core	Oscillatory zoning
44	36.37	98.2	175	0.56	0.0703	0.0032	1.6334	0.0656	0.1683	0.0046	937	61	983	25	1003	26	98	core	Oscillatory zoning
45	40.1	386	406	0.95	0.0599	0.0024	0.6072	0.0239	0.0738	0.0020	600	62	482	15	459	12	95	core	Oscillatory zoning
46	184.0	123	1052	0.12	0.0730	0.0032	1.5664	0.0540	0.1556	0.0041	1015	90	957	21	932	23	97	core	Oscillatory zoning
47	40.6	209	235	0.89	0.0666	0.0025	1.1923	0.0417	0.1274	0.0034	824	48	797	19	773	20	97	core	Oscillatory zoning
48	101.2	156	573	0.27	0.0697	0.0024	1.4595	0.0477	0.1519	0.0040	920	40	914	20	911	23	100	core	Oscillatory zoning
49	77.3	173	227	0.76	0.0933	0.0031	3.3284	0.1083	0.2609	0.0070	1494	36	1488	25	1494	36	100	core	Oscillatory zoning
50	26.32	81.2	131	0.62	0.0706	0.0028	1.5139	0.0586	0.1583	0.0044	946	57	936	24	947	24	99	core	Oscillatory zoning

51	65.0	693	672	1.03	0.0565	0.0021	0.5486	0.0194	0.0713	0.0019	473	52	444	13	444	12	100	core	Oscillatory zoning
52	16.44	99.7	176	0.57	0.0576	0.0028	0.6017	0.0274	0.0758	0.0022	514	79	478	17	471	13	99	core	Oscillatory zoning
53	67.4	156	351	0.45	0.0737	0.0027	1.6475	0.0567	0.1644	0.0045	1033	44	989	22	981	25	99	core	Oscillatory zoning
54	104.0	1204	953	1.26	0.0561	0.0021	0.5893	0.0208	0.0755	0.0020	456	52	470	13	469	12	100	core	Oscillatory zoning
55	4.91	7.92	115	0.07	0.0549	0.0041	0.2891	0.0204	0.0393	0.0013	410	145	258	16	249	8	96	rim	planar zoning
56	56.6	382	596	0.64	0.0567	0.0023	0.5869	0.0221	0.0768	0.0021	480	58	469	14	477	13	98	core	Oscillatory zoning
57	78.5	91.0	152	0.60	0.1635	0.0060	8.6124	0.2992	0.3905	0.0110	2492	35	2298	32	2125	51	92	core	Oscillatory zoning
58	123.0	218	682	0.32	0.0723	0.0026	1.5308	0.0527	0.1563	0.0043	993	43	943	21	936	24	99	core	Oscillatory zoning
59	52.0	143	267	0.54	0.0715	0.0027	1.5585	0.0558	0.1607	0.0044	972	48	954	22	961	25	99	core	Oscillatory zoning
60	37.69	86.7	272	0.32	0.0647	0.0025	1.0591	0.0387	0.1203	0.0033	763	52	733	19	732	19	100	core	Oscillatory zoning
61	25.96	211	291	0.72	0.0585	0.0027	0.5583	0.0241	0.0701	0.0019	549	74	450	16	437	12	97	core	Oscillatory zoning
62	139.49	93.6	893	0.10	0.0704	0.0024	1.3799	0.0468	0.1434	0.0039	941	43	880	20	864	22	98	core	Oscillatory zoning
63	70.8	530	802	0.66	0.0582	0.0022	0.5649	0.0209	0.0710	0.0019	538	56	455	14	442	12	97	core	Oscillatory zoning
64	13.50	89.9	75.1	1.20	0.0692	0.0036	1.1692	0.0562	0.1254	0.0037	906	80	786	26	761	21	97	core	planar zoning
65	163.7	176	402	0.44	0.1159	0.0039	5.4314	0.1885	0.3415	0.0093	1893	40	1890	30	1894	45	100	core	Oscillatory zoning
66	71.04	93.5	389	0.24	0.0689	0.0025	1.5395	0.0547	0.1634	0.0044	895	49	946	22	975	24	97	core	Oscillatory zoning
67	14.18	118	149	0.79	0.0525	0.0030	0.5397	0.0301	0.0757	0.0023	306	110	438	20	470	14	93	core	Oscillatory zoning
68	28.63	101	237	0.43	0.0672	0.0031	0.9754	0.0587	0.0996	0.0042	845	92	691	30	612	25	88	core	Oscillatory zoning
69	69.5	275	411	0.67	0.0676	0.0026	1.2434	0.0466	0.1351	0.0037	857	54	820	21	817	21	100	core	Oscillatory zoning
70	27.40	197	271	0.73	0.0592	0.0027	0.6391	0.0287	0.0793	0.0022	575	79	502	18	492	13	98	core	Oscillatory zoning
71	14.36	37.4	58.8	0.64	0.0781	0.0041	2.0553	0.1007	0.1963	0.0060	1150	78	1134	33	1156	32	98	core	Oscillatory zoning
72	21.44	60.7	115	0.53	0.0744	0.0033	1.5309	0.0642	0.1527	0.0044	1052	63	943	26	916	25	97	core	Oscillatory zoning
73	238.6	223	385	0.58	0.1650	0.0060	10.6921	0.3721	0.4768	0.0130	2507	37	2497	32	2513	57	99	core	Oscillatory zoning
74	21.71	180	232	0.78	0.0577	0.0027	0.5758	0.0258	0.0733	0.0021	517	78	462	17	456	12	99	core	Oscillatory zoning
75	11.97	96.5	125	0.77	0.0595	0.0035	0.6042	0.0332	0.0741	0.0022	584	103	480	21	460	13	96	core	Oscillatory zoning
76	55.19	130	499	0.26	0.0630	0.0024	0.8781	0.0370	0.1014	0.0032	707	60	640	20	622	19	97	core	Oscillatory zoning

77	177.5	378	930	0.41	0.0725	0.0025	1.6241	0.0542	0.1637	0.0044	999	42	980	21	977	24	100	core	Oscillatory zoning
78	45.2	368	495	0.74	0.0562	0.0023	0.5680	0.0207	0.0721	0.0020	462	55	457	13	449	12	98	core	Oscillatory zoning
79	126.1	139	204	0.68	0.1653	0.0060	10.6544	0.3622	0.4696	0.0127	2511	35	2493	32	2482	56	100	core	Oscillatory zoning
80	73.0	319	768	0.41	0.0588	0.0023	0.6604	0.0240	0.0819	0.0022	558	54	515	15	507	13	98	core	Oscillatory zoning
TW55: Garnet amphibolite																			
1	51.58	17.1	691	0.02	0.0609	0.0043	0.5294	0.0316	0.0644	0.0022	637	108	431	21	402	13	93	core	Oscillatory zoning
2	56.4	310	434	0.71	0.0614	0.0060	0.5082	0.0405	0.0666	0.0030	652	145	417	27	416	18	100	core	Oscillatory zoning
3	48.2	180	531	0.34	0.0739	0.0178	0.4310	0.0364	0.0582	0.0032	1039	135	364	26	365	19	100	core	Oscillatory zoning
4	1.45	0	13.2	0.00	0.0461	0.0169	0.2080	0.0635	0.0328	0.0066		596	192	53	208	41	92	rim	fir-tree zoning
5	116.51	5.26	1750	0.00	0.0530	0.0055	0.3212	0.0277	0.0441	0.0026	328	146	283	21	278	16	98	core	Oscillatory zoning
6	3.71	0.19	14.0	0.01										30		15			
					0.2035	0.0600	10.3296	3.4503	0.1208	0.0276	2855	452	2465	9	735	8	-8	rim	bright rim
7	9.28	0.99	178	0.01	0.2350	0.0594	1.1124	0.1650	0.0361	0.0034	3086	192	759	79	229	21	-7	rim	bright rim
8	2.00	0	8.09	0.00	0.2563	0.0652	16.4753	4.5598	0.2425	0.1495	3224	412	2905	26		77			
														5	1400	6	30	rim	bright rim
9	3.57	0.42	67.4	0.01										16					
					0.4946	0.1322	3.7767	0.7920	0.0452	0.0073	4225	208	1588	8	285	45	-39	core	Oscillatory zoning
10	4.94	0.82	120	0.01										17					
					0.3309	0.0980	2.1113	0.5357	0.0428	0.0053	3621	375	1152	5	270	33	-24	rim	bright rim
11	52.0	15.2	67.1	0.23										17		26			
					0.3176	0.0583	22.3892	3.9504	0.4727	0.0605	3558	195	3201	1	2495	5	75	core	Oscillatory zoning
12	22.0	2.27	134	0.02										17					
					0.3488	0.0737	6.5078	1.2784	0.1170	0.0161	3702	224	2047	3	713	93	3	rim	bright rim
13	49.5	3.04	119	0.03										15		17			
					0.5334	0.0918	16.7420	2.7354	0.2215	0.0329	4336	102	2920	7	1290	4	23	rim	bright rim
14	25.42	5.02	427	0.01	0.0973	0.0834	0.4864	0.4111	0.0363	0.0053	1573	164	402	28	230	33	46	core	Oscillatory zoning

												7	1						
15	104.35	9.19	2383	0.00	0.0619	0.0069	0.3211	0.0344	0.0383	0.0016	671	219	283	26	242	10	84	core	Oscillatory zoning
16	38.24	16.8	941	0.02	0.0584	0.0109	0.2622	0.0468	0.0325	0.0018	546	399	236	38	206	11	86	core	Oscillatory zoning
17	4.460	0.12	42.0	0.00	0.0610	0.0060	0.4246	0.0403	0.0533	0.0020	639	194	359	29	335	12	93	rim	bright rim
18	25.6	145	141	1.03	0.0660	0.0032	1.1819	0.0561	0.1315	0.0038	807	80	792	26	797	22	99	core	Oscillatory zoning
19	72.48	29.2	1210	0.02	0.0520	0.0021	0.4045	0.0150	0.0574	0.0016	285	58	345	11	360	10	96	core	Oscillatory zoning
20	43.44	24.3	703	0.03	0.0538	0.0022	0.4273	0.0167	0.0587	0.0016	361	63	361	12	367	10	98	core	Oscillatory zoning
21	31.11	102	193	0.53	0.0683	0.0030	1.1848	0.0470	0.1299	0.0037	877	59	794	22	787	21	99	core	Oscillatory zoning
22	14.73	47.9	91.3	0.53	0.0619	0.0032	1.0804	0.0518	0.1310	0.0038	670	83	744	25	794	22	93	core	Oscillatory zoning
23	77.1	438	429	1.02	0.0628	0.0026	1.1103	0.0403	0.1292	0.0036	701	51	758	19	783	21	97	core	Oscillatory zoning
24	30.84	210	358	0.59	0.0578	0.0028	0.5351	0.0228	0.0693	0.0020	523	71	435	15	432	12	99	core	Oscillatory zoning
25	18.14	35.3	117	0.30	0.0708	0.0039	1.2288	0.0597	0.1322	0.0041	953	79	814	27	800	23	98	core	Oscillatory zoning
26	4.41	0.58	50.6	0.01	0.0645	0.0168	0.4770	0.1226	0.0536	0.0024	759	547	396	84	337	14	84	rim	bright rim
27	24.50	4.05	375	0.01	0.0554	0.0025	0.4730	0.0211	0.0634	0.0018	429	78	393	15	396	11	99	core	Oscillatory zoning
28	138.8	205	326	0.63	0.1145	0.0040	5.1336	0.1709	0.3323	0.0092	1871	34	1842	28	1849	44	100	core	Oscillatory zoning
29	5.72	0.38	100	0.00	0.0580	0.0042	0.4207	0.0277	0.0526	0.0016	530	163	357	20	330	10	92	rim	bright rim
30	23.26	185	249	0.74	0.0580	0.0027	0.5708	0.0262	0.0723	0.0021	529	80	459	17	450	13	98	core	Oscillatory zoning
31	3.196	0.81	54.7	0.01	0.0611	0.0060	0.4432	0.0411	0.0526	0.0018	644	220	372	29	330	11	88	rim	bright rim
32	69.3	105	154	0.68	0.1195	0.0042	5.6457	0.1966	0.3447	0.0095	1949	39	1923	30	1909	46	99	core	Oscillatory zoning
33	51.0	294	572	0.51	0.0602	0.0024	0.6055	0.0230	0.0728	0.0020	609	58	481	15	453	12	94	core	Oscillatory zoning
34	43.34	158	468	0.34	0.0562	0.0036	0.5890	0.0335	0.0761	0.0022	458	145	470	21	473	13	99	core	Oscillatory zoning
35	10.075	0.88	86.3	0.01	0.0545	0.0041	0.4084	0.0279	0.0551	0.0017	392	140	348	20	346	11	99	core	Oscillatory zoning
36	71.1	270	623	0.43	0.0776	0.0104	0.8023	0.1035	0.0750	0.0026	1136	281	598	58	466	16	75	core	Oscillatory zoning
37	43.0	72.3	172	0.42	0.0867	0.0032	2.7715	0.1321	0.2260	0.0080	1353	63	1348	36	1313	42	97	core	Oscillatory zoning
38	76.18	3.07	1183	0.00	0.0558	0.0019	0.4747	0.0159	0.0616	0.0017	445	45	394	11	385	10	98	core	Oscillatory zoning
39	147.2	199	356	0.56	0.1187	0.0038	5.4023	0.1720	0.3294	0.0089	1937	31	1885	27	1836	43	97	core	Oscillatory zoning

40	151.8	120	402	0.30	0.1177	0.0037	5.1257	0.1622	0.3156	0.0085	1921	31	1840	27	1768	41	96	core	Oscillatory zoning
TW61: Garnet staurolite mica schist																			
1	85.8	459	1005	0.46	0.0539	0.0021	0.5344	0.0198	0.0714	0.0020	367	57	435	13	444	12	98	core	Oscillatory zoning
2	71.8	663	750	0.88	0.0624	0.0025	0.6080	0.0229	0.0703	0.0019	686	57	482	14	438	12	90	core	Oscillatory zoning
3	65.83	83.4	372	0.22	0.0669	0.0028	1.4441	0.0536	0.1539	0.0042	834	53	907	22	923	24	98	core	Oscillatory zoning
4	122.1	185	589	0.31	0.0756	0.0026	1.8843	0.0672	0.1798	0.0051	1084	44	1076	24	1066	28	99	core	Oscillatory zoning
5	70.7	323	340	0.95	0.0642	0.0026	1.3168	0.0502	0.1484	0.0041	748	57	853	22	892	23	96	core	Oscillatory zoning
6	16.89	115	91.8	1.25	0.0668	0.0035	1.1880	0.0629	0.1288	0.0039	831	93	795	29	781	22	98	core	fir-tree zoning
7	8.75	81.3	92.0	0.88	0.0567	0.0036	0.5328	0.0310	0.0693	0.0022	481	112	434	21	432	13	100	core	fir-tree zoning
8	7.41	45.7	38.6	1.18	0.0705	0.0055	1.2726	0.0887	0.1296	0.0045	942	128	834	40	785	25	94	core	fir-tree zoning
9	25.8	232	261	0.89	0.0618	0.0030	0.6362	0.0298	0.0728	0.0021	666	81	500	18	453	13	90	core	Oscillatory zoning
10	31.83	241	371	0.65	0.0568	0.0026	0.5408	0.0241	0.0691	0.0019	482	78	439	16	430	12	98	core	Oscillatory zoning
11	18.38	124	202	0.62	0.0611	0.0029	0.6157	0.0285	0.0736	0.0022	644	79	487	18	458	13	94	core	Oscillatory zoning
12	53.33	75.0	248	0.30	0.0789	0.0030	2.0162	0.0744	0.1849	0.0051	1168	50	1121	25	1093	28	97	core	Oscillatory zoning
13	72.7	110	133	0.82	0.1608	0.0059	9.1714	0.3782	0.4069	0.0134	2464	43	2355	38	2200	61	93	core	Oscillatory zoning
14	74.9	364	878	0.42	0.0554	0.0022	0.5593	0.0204	0.0729	0.0020	427	56	451	13	453	12	100	core	Oscillatory zoning
15	24.69	205	273	0.75	0.0607	0.0059	0.5791	0.0533	0.0692	0.0021	630	217	464	34	431	13	93	core	Oscillatory zoning
16	36.0	577	338	1.71	0.0587	0.0027	0.5545	0.0234	0.0685	0.0019	556	70	448	15	427	12	95	core	Oscillatory zoning
17	20.03	147	217	0.68	0.0627	0.0066	0.6178	0.0623	0.0715	0.0022	697	235	488	39	445	13	91	core	Oscillatory zoning
18	10.10	111	106	1.05	0.0580	0.0039	0.5432	0.0345	0.0688	0.0021	528	126	440	23	429	12	97	core	fir-tree zoning
19	29.34	66.2	152	0.44	0.0737	0.0034	1.6170	0.0600	0.1602	0.0045	1033	51	977	23	958	25	98	core	Oscillatory zoning
20	36.8	469	393	1.19	0.0569	0.0025	0.5289	0.0221	0.0674	0.0019	489	71	431	15	421	11	98	core	Oscillatory zoning
21	48.6	319	578	0.55	0.0568	0.0021	0.5472	0.0193	0.0698	0.0019	482	52	443	13	435	11	98	core	Oscillatory zoning
22	51.7	234	603	0.39	0.0565	0.0021	0.5751	0.0201	0.0737	0.0020	472	51	461	13	459	12	100	core	Oscillatory zoning
23	20.79	146	223	0.66	0.0551	0.0026	0.5717	0.0253	0.0753	0.0021	416	78	459	16	468	13	98	core	Oscillatory zoning
24	99.4	876	474	1.85	0.0641	0.0024	1.1760	0.0403	0.1326	0.0036	745	46	789	19	803	20	98	core	Oscillatory zoning

25	69.6	120	259	0.46	0.0839	0.0030	2.5544	0.0883	0.2210	0.0060	1289	43	1288	25	1287	32	100	core	Oscillatory zoning
26	12.32	107	142	0.75	0.0625	0.0079	0.5586	0.0686	0.0649	0.0021	690	284	451	45	405	13	89	core	fir-tree zoning
27	59.8	185	157	1.18	0.0985	0.0034	3.6246	0.1233	0.2680	0.0072	1595	40	1555	27	1530	37	98	core	Oscillatory zoning
28	38.78	169	478	0.35	0.0545	0.0023	0.5278	0.0200	0.0704	0.0019	391	61	430	13	439	11	98	core	Oscillatory zoning
29	22.1	178	114	1.55	0.0623	0.0032	1.0982	0.0509	0.1291	0.0037	686	80	752	25	783	21	96	core	Oscillatory zoning
30	10.32	76.3	54.0	1.41	0.0663	0.0040	1.1432	0.0643	0.1288	0.0038	815	103	774	30	781	22	99	core	Oscillatory zoning
31	61.67	54.8	394	0.14	0.0682	0.0028	1.3397	0.0498	0.1407	0.0038	875	54	863	22	848	22	98	core	Oscillatory zoning
32	68.7	210	448	0.47	0.0670	0.0032	1.1387	0.0472	0.1249	0.0035	837	65	772	22	759	20	98	core	Oscillatory zoning
33	26.6	282	283	1.00	0.0558	0.0027	0.5352	0.0235	0.0706	0.0020	444	77	435	16	439	12	99	core	Oscillatory zoning
34	24.93	181	253	0.72	0.0627	0.0029	0.6699	0.0285	0.0790	0.0022	698	70	521	17	490	13	94	core	Oscillatory zoning
35	106.99	64.4	647	0.10	0.0722	0.0027	1.5098	0.0537	0.1529	0.0041	992	49	934	22	917	23	98	core	Oscillatory zoning
36	140.4	102	293	0.35	0.1597	0.0057	8.4783	0.2964	0.3875	0.0106	2452	37	2284	32	2111	49	92	core	Oscillatory zoning
37	19.65	133	225	0.59	0.0544	0.0028	0.5407	0.0248	0.0711	0.0020	387	83	439	16	443	12	99	core	Oscillatory zoning
38	4.06	7.74	23.9	0.32	0.0711	0.0053	1.3918	0.1018	0.1476	0.0053	961	134	885	43	888	30	100	core	Oscillatory zoning
39	55.9	97.1	159	0.61	0.0979	0.0037	3.8175	0.1411	0.2837	0.0078	1584	48	1596	30	1610	39	99	core	Oscillatory zoning
40	21.10	97.1	98.7	0.98	0.0727	0.0033	1.5821	0.0704	0.1590	0.0046	1006	71	963	28	951	25	99	core	Oscillatory zoning
41	21.78	120	196	0.61	0.0549	0.0029	0.6929	0.0331	0.0902	0.0028	407	84	535	20	557	16	96	core	planar zoning
42	29.82	222	327	0.68	0.0543	0.0025	0.5333	0.0229	0.0711	0.0021	382	72	434	15	443	12	98	core	fir-tree zoning
43	32.7	371	334	1.11	0.0513	0.0076	0.4725	0.0680	0.0668	0.0022	256	307	393	47	417	14	94	core	Oscillatory zoning
44	40.3	168	441	0.38	0.0689	0.0052	0.6024	0.0339	0.0678	0.0026	895	88	479	21	423	15	88	core	Oscillatory zoning
45	27.4	63.8	81.0	0.79	0.0850	0.0127	2.1777	0.3077	0.1857	0.0093	1317	310	1174	98	1098	50	93	core	Oscillatory zoning
46	289	1477	1276	1.16	0.0745	0.0025	1.6419	0.0553	0.1587	0.0043	1055	41	986	21	949	24	96	core	Oscillatory zoning
47	101.8	1109	1039	1.07	0.0570	0.0070	0.5147	0.0609	0.0655	0.0021	493	279	422	41	409	12	97	core	Oscillatory zoning
48	153	267	227	1.18								352		77		24	-7	core	Oscillatory zoning
49	28.4	122	142	0.86	0.0728	0.0044	1.4486	0.0801	0.1451	0.0043	1009	97	909	33	873	24	96	core	Oscillatory zoning

50	47.0	292	391	0.75										10					
					0.0558	0.0162	0.5720	0.1646	0.0744	0.0031	443	547	459	6	463	18	99	core	Oscillatory zoning
51	21.0	153	121	1.27	0.0652	0.0032	1.0543	0.0520	0.1180	0.0035	779	85	731	26	719	20	98	core	Oscillatory zoning
52	36.0	324	395	0.82	0.0565	0.0023	0.5337	0.0214	0.0687	0.0019	471	66	434	14	429	11	99	core	Oscillatory zoning
53	51.3	285	481	0.59	0.0583	0.0128	0.5605	0.1210	0.0697	0.0026	542	454	452	79	434	16	96	core	Oscillatory zoning
54	44.27	199	540	0.37	0.0604	0.0023	0.5751	0.0216	0.0693	0.0019	618	57	461	14	432	11	94	core	Oscillatory zoning
55	78.0	561	802	0.70	0.0563	0.0022	0.5976	0.0213	0.0771	0.0021	465	53	476	14	479	12	99	core	Oscillatory zoning
56	73.1	454	861	0.53	0.0598	0.0024	0.5705	0.0213	0.0695	0.0019	596	56	458	14	433	12	94	core	Oscillatory zoning
57	93.5	784	885	0.89	0.0549	0.0020	0.5989	0.0211	0.0791	0.0022	410	51	477	13	491	13	97	core	Oscillatory zoning
58	31.1	282	323	0.87	0.0498	0.0025	0.4927	0.0223	0.0724	0.0020	187	85	407	15	451	12	90	core	Oscillatory zoning
59	78.26	109	458	0.24	0.0697	0.0025	1.4526	0.0497	0.1509	0.0041	920	43	911	21	906	23	99	core	Oscillatory zoning
60	49.0	419	531	0.79	0.0615	0.0025	0.5798	0.0210	0.0684	0.0018	657	53	464	13	426	11	91	core	Oscillatory zoning
61	22.6	117	159	0.74	0.1666	0.0119	2.1725	0.1595	0.0935	0.0035	2523	109	1172	51	576	20	32	core	Oscillatory zoning
62	21.6	139	182	0.77										14					
					0.0693	0.0237	0.7064	0.2394	0.0740	0.0037	907	708	543	2	460	22	83	core	fir-tree zoning
63	55.3	441	586	0.75	0.0573	0.0021	0.5758	0.0221	0.0725	0.0020	501	59	462	14	451	12	98	core	Oscillatory zoning
64	20.9	199	102	1.95	0.0669	0.0033	1.1089	0.0514	0.1212	0.0036	835	75	758	25	737	21	97	core	Oscillatory zoning
65	41.9	233	128	1.83										23					
					0.1046	0.0401	1.5361	0.5817	0.1066	0.0066	1706	885	945	3	653	39	63	core	Oscillatory zoning
66	26.4	214	211	1.02	0.0750	0.0147	0.6930	0.1331	0.0670	0.0025	1068	433	535	80	418	15	75	core	Oscillatory zoning
67	84.4	457	509	0.90	0.0631	0.0023	1.0573	0.0352	0.1213	0.0033	712	43	733	17	738	19	99	core	Oscillatory zoning
68	36.9	111	225	0.50	0.0665	0.0057	1.1605	0.0925	0.1265	0.0038	823	184	782	43	768	22	98	core	Oscillatory zoning
69	53.3	279	390	0.72	0.0655	0.0147	0.7044	0.1556	0.0780	0.0029	790	478	541	93	484	17	89	core	Oscillatory zoning
70	60.6	91.3	315	0.29	0.0714	0.0029	1.5854	0.0546	0.1621	0.0046	968	41	964	21	968	26	100	core	Oscillatory zoning
71	18.49	157	184	0.85	0.0583	0.0030	0.5797	0.0285	0.0730	0.0021	541	90	464	18	454	13	98	core	Oscillatory zoning
72	55.0	161	293	0.55	0.0657	0.0026	1.3621	0.0486	0.1515	0.0043	796	47	873	21	909	24	96	core	Oscillatory zoning

73	25.90	199	271	0.73	0.0607	0.0030	0.5971	0.0280	0.0723	0.0021	629	82	475	18	450	13	95	core	Oscillatory zoning
74	73.0	218	653	0.33	0.1234	0.0445	1.5542	0.5426	0.0914	0.0084	2006	818	952	6	564	50	49	core	Oscillatory zoning
75	139.9	245	672	0.36	0.0736	0.0025	1.7166	0.0543	0.1667	0.0046	1030	33	1015	20	994	25	98	core	Oscillatory zoning
76	35.0	330	344	0.96	0.0648	0.0038	0.6532	0.0382	0.0733	0.0021	769	111	510	23	456	12	89	core	Oscillatory zoning
77	36.4	241	371	0.65	0.0557	0.0024	0.5910	0.0230	0.0779	0.0022	439	62	472	15	484	13	97	core	Oscillatory zoning
78	123.8	276	1518	0.18	0.0572	0.0019	0.5709	0.0182	0.0727	0.0019	498	39	459	12	453	12	99	core	Oscillatory zoning
79	89.3	145	430	0.34	0.0821	0.0027	1.9596	0.0643	0.1740	0.0050	1248	32	1102	22	1034	27	94	core	Oscillatory zoning
80	78.9	377	923	0.41	0.0575	0.0020	0.5750	0.0194	0.0728	0.0020	509	44	461	12	453	12	98	core	Oscillatory zoning
TW68: Hornblende schist																			
1	110.1	175	108	1.62	0.2373	0.0096	20.5779	0.8099	0.6242	0.0183	3102	43	3119	38	3127	73	100	core	Oscillatory zoning
2	271.7	394	395	1.00	0.1909	0.0073	12.9191	0.4761	0.4852	0.0135	2750	41	2674	35	2550	59	95	core	fir-tree zoning
3	7.65	0.90	125	0.01	0.0557	0.0041	0.4468	0.0304	0.0592	0.002	440	135	375	21	371	12	99	core	Oscillatory zoning
4	316.6	411	544	0.76	0.1667	0.0064	10.1776	0.3825	0.4373	0.0124	2525	43	2451	35	2339	56	95	core	Oscillatory zoning
5	20.43	158	225	0.70	0.0517	0.0031	0.5386	0.0297	0.0716	0.0022	272	108	438	20	446	13	98	core	Oscillatory zoning
6	34.84	28.6	336	0.09	0.0631	0.0033	0.8883	0.0488	0.1006	0.0032	712	97	645	26	618	19	96	core	Oscillatory zoning
7	81.8	548	546	1.00	0.0647	0.0031	1.0072	0.0458	0.1117	0.0033	765	74	707	23	683	19	97	core	Oscillatory zoning
8	299.74	16.2	4771	0.00	0.0573	0.0027	0.4935	0.0221	0.0615	0.0018	503	76	407	15	385	11	94	core	Oscillatory zoning
9	1.9135	0.15	29.6	0.01	0.0964	0.0139	0.7192	0.097	0.064	0.0031	1556	248	550	57	400	19	68	core	fir-tree zoning
10	140.6	140	768	0.18	0.0792	0.0048	1.79621	0.0866	0.1644	0.0048	1178	115	1044	31	981	27	94	core	Oscillatory zoning
11	27.6	1663	857	1.94	0.0538	0.0033	0.1492	0.0085	0.0201	0.0006	363	112	141	8	128	4	90	core	Oscillatory zoning
12	24.49	104	281	0.37	0.0599	0.0036	0.6415	0.0325	0.0735	0.0022	600	91	503	20	457	13	90	core	Oscillatory zoning
13	86.2	91.7	131	0.70	0.1733	0.0071	12.4967	0.4771	0.5148	0.0147	2590	43	2642	36	2677	63	99	core	Oscillatory zoning
14	301.1	161	380	0.42	0.2335	0.0092	20.6333	0.7654	0.629	0.018	3076	39	3122	36	3146	71	99	core	Oscillatory zoning
15	3.05	5.56	50.6	0.11	0.0589	0.0125	0.4072	0.0707	0.0557	0.0023	563	377	347	51	349	14	99	core	fir-tree zoning
16	44.18	1.99	680	0.00	0.0559	0.0028	0.5143	0.0234	0.066	0.0019	448	79	421	16	412	11	98	core	Oscillatory zoning

