

附表 1 钦防地区志留系沉积岩锆石 U-Pb 年代学分析测试结果
Appendix table 1 U-Pb dating results of the detrital zircons from the Silurian sedimentary rocks in the
Qin-Fang area

分析号	元素含量 (10^{-6})		Th/U	同位素比值				年龄 (Ma)			
	Th	U		$^{207}\text{Pb}/^{235}\text{U}$	$\pm\sigma$	$^{206}\text{Pb}/^{238}\text{U}$	$\pm\sigma$	$^{207}\text{Pb}/^{235}\text{U}$	$\pm\sigma$	$^{206}\text{Pb}/^{238}\text{U}$	$\pm\sigma$
16QZ-12-01	772	1893	0.41	0.5592	0.0199	0.0726	0.0022	451.0	12.9	451.8	13.5
16QZ-12-01	772	1893	0.41	0.5592	0.0199	0.0726	0.0022	451.0	12.9	451.8	13.5
16QZ-12-02	315	906	0.35	0.8721	0.0310	0.1036	0.0032	636.7	16.8	635.4	18.6
16QZ-12-03	383	1207	0.32	8.9151	0.2936	0.4136	0.0127	2329.4	30.1	2231.5	58.0
16QZ-12-04	100	1950	0.05	10.5880	0.3551	0.4542	0.0141	2487.7	31.1	2413.9	62.3
16QZ-12-05	564	773	0.73	0.5791	0.0227	0.0743	0.0023	463.9	14.6	462.2	13.8
16QZ-12-06	342	321	1.06	0.7063	0.0299	0.0854	0.0027	542.6	17.8	528.2	15.9
16QZ-12-07	628	2593	0.24	5.1479	0.1794	0.3140	0.0104	1844.0	29.6	1760.3	51.1
16QZ-12-08	1560	2032	0.77	2.4021	0.0804	0.2130	0.0067	1243.2	24.0	1244.9	35.6
16QZ-12-09	234	394	0.59	0.5157	0.0220	0.0680	0.0021	422.3	14.8	424.3	12.9
16QZ-12-10	802	736	1.09	5.0675	0.1662	0.3276	0.0101	422.3	27.8	1826.8	48.9
16QZ-12-11	573	1225	0.47	0.9557	0.0327	0.1133	0.0035	681.1	17.0	691.8	20.2
16QZ-12-12	596	1245	0.48	6.2157	0.2059	0.3651	0.0112	2006.7	29.0	2006.3	52.9
16QZ-12-13	358	1111	0.32	5.7828	0.1939	0.3518	0.0109	1943.8	29.0	1943.3	51.9
16QZ-12-14	688	1484	0.46	1.8435	0.0644	0.1822	0.0057	1061.1	23.0	1079.2	31.2
16QZ-12-15	715	1659	0.43	0.5315	0.0198	0.0716	0.0022	432.8	13.1	445.9	13.3
16QZ-12-16	432	433	1.00	1.7856	0.0668	0.1765	0.0055	1040.2	24.4	1048.1	30.0
16QZ-12-17	590	1243	0.48	1.5464	0.0554	0.1590	0.0050	949.0	22.1	951.1	27.5
16QZ-12-18	268	221	1.21	1.0963	0.0477	0.1246	0.0040	751.6	23.1	757.2	23.0
16QZ-12-19	998	1400	0.71	1.1438	0.0400	0.1294	0.0040	774.3	18.9	784.3	22.9
16QZ-12-20	271	2240	0.12	1.5597	0.0534	0.1588	0.0049	954.3	21.2	950.3	27.5
16QZ-12-21	385	692	0.56	1.8528	0.0654	0.1782	0.0055	1064.4	23.3	1057.1	29.9
16QZ-12-22	475	903	0.53	4.7771	0.1673	0.3192	0.0099	1780.9	29.4	1785.7	48.5
16QZ-12-23	1348	1736	0.78	1.6096	0.0555	0.1632	0.0050	973.9	21.6	974.6	27.9
16QZ-12-24	350	592	0.59	1.0882	0.0411	0.1237	0.0038	747.6	20.0	751.8	22.0
16QZ-12-25	624	1258	0.50	1.8059	0.0640	0.1751	0.0054	1047.6	23.2	1040.1	29.8
16QZ-12-26	356	424	0.84	1.7376	0.0626	0.1710	0.0053	1022.6	23.2	1017.8	29.3
16QZ-12-27	577	368	1.57	1.2301	0.0481	0.1375	0.0044	814.4	21.9	830.6	24.7
16QZ-12-28	1534	2035	0.75	0.5272	0.0542	0.0699	0.0071	429.9	36.1	435.6	42.5
16QZ-12-29	982	2536	0.39	0.6867	0.0701	0.0821	0.0083	530.8	42.2	508.5	49.2
16QZ-12-30	1099	2152	0.51	0.6656	0.0678	0.0837	0.0084	518.1	41.3	518.0	50.0
16QZ-12-31	1846	1752	1.05	0.7574	0.0775	0.0891	0.0090	572.5	44.8	550.3	53.0
16QZ-12-32	512	859	0.60	0.7993	0.0820	0.0940	0.0094	596.4	46.3	579.1	55.7
16QZ-12-33	2390	4925	0.49	0.9166	0.0935	0.1048	0.0105	660.6	49.6	642.3	61.5
16QZ-12-34	189	2571	0.07	1.1599	0.1189	0.1096	0.0111	781.9	56.0	670.6	64.2
16QZ-12-35	351	1437	0.24	0.9397	0.0960	0.1099	0.0111	672.7	50.3	672.4	64.2
16QZ-12-36	300	501	0.60	1.1328	0.1175	0.1235	0.0124	769.1	56.0	750.5	71.3
16QZ-12-37	1845	3296	0.56	2.0819	0.2203	0.1261	0.0128	1142.9	72.7	765.8	73.3

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16QZ-12-38	435	711	0.61	1.1538	0.1181	0.1275	0.0128	779.1	55.7	773.5	73.3
16QZ-12-39	94	4488	0.02	1.1773	0.1193	0.1287	0.0129	790.0	55.7	780.3	73.8
16QZ-12-40	381	1570	0.24	1.4043	0.1432	0.1434	0.0145	890.8	60.5	864.1	81.5
16QZ-12-41	197	218	0.91	1.4980	0.1565	0.1456	0.0147	929.6	63.7	876.5	82.6
16QZ-12-42	884	2854	0.31	1.5213	0.1548	0.1457	0.0147	939.0	62.4	877.1	82.5
16QZ-12-43	351	452	0.78	1.4048	0.1452	0.1472	0.0148	890.9	61.4	885.1	83.2
16QZ-12-44	70	213	0.33	1.5317	0.1633	0.1479	0.0149	943.2	65.6	889.0	83.7
16QZ-12-45	497	1719	0.29	1.4558	0.1482	0.1495	0.0151	912.3	61.3	898.1	84.4
16QZ-12-46	156	239	0.65	1.4970	0.1563	0.1500	0.0151	929.2	63.7	900.8	84.8
16QZ-12-47	1379	1699	0.81	1.6000	0.1632	0.1615	0.0162	970.2	63.8	965.3	90.2
16QZ-12-48	225	928	0.24	1.5933	0.1630	0.1618	0.0163	967.6	63.9	966.6	90.3
16QZ-12-49	266	381	0.70	1.9285	0.1989	0.1662	0.0168	1091.0	69.1	991.2	92.6
16QZ-12-50	95	382	0.25	1.7100	0.1780	0.1673	0.0169	1012.3	66.8	997.1	93.1
16QZ-12-51	424	821	0.52	1.7576	0.1790	0.1702	0.0171	1030.0	66.0	1013.0	94.3
16QZ-12-52	483	1398	0.35	1.8567	0.1887	0.1773	0.0178	1065.8	67.2	1052.0	97.7
16QZ-12-53	1354	2687	0.50	1.8599	0.1885	0.1788	0.0180	1066.9	67.0	1060.3	98.3
16QZ-12-54	504	870	0.58	2.0260	0.2061	0.1891	0.0190	1124.3	69.3	1116.3	103.1
16QZ-12-55	970	2538	0.38	2.2259	0.2257	0.1901	0.0191	1189.2	71.1	1122.2	103.4
16QZ-12-56	1876	3228	0.58	2.1421	0.2168	0.1906	0.0191	1162.5	70.2	1124.5	103.6
16QZ-12-57	454	2046	0.22	2.5589	0.2595	0.2052	0.0206	1289.0	74.2	1203.3	110.4
16QZ-12-58	702	2177	0.32	2.5630	0.2609	0.2126	0.0214	1290.1	74.5	1242.5	114.0
16QZ-12-59	628	844	0.74	2.4291	0.2462	0.2147	0.0216	1251.3	73.0	1253.8	114.5
16QZ-12-60	760	684	1.11	3.5386	0.3592	0.2584	0.0260	1535.9	80.5	1481.9	133.0
16QZ-12-61	405	434	0.93	3.8857	0.3946	0.2861	0.0287	1610.7	82.2	1622.3	144.0
16QZ-12-62	222	675	0.33	5.2684	0.5341	0.3120	0.0313	1863.8	86.7	1750.5	154.0
16QZ-12-63	196	1044	0.19	8.4637	0.8577	0.4035	0.0406	2282.0	92.3	2185.2	186.4
16QZ-12-64	906	1125	0.81	9.5695	0.9679	0.4305	0.0432	2394.2	93.2	2307.9	194.9
16QZ-12-65	205	899	0.23	9.8643	1.0047	0.4355	0.0438	2422.2	94.2	2330.5	196.9
16QZ-12-66	834	1435	0.58	11.7648	1.1906	0.4676	0.0470	2585.9	95.0	2472.9	206.5
16QZ-14-01	242	416	0.58	0.5163	0.0233	0.0692	0.0022	422.7	15.6	431.1	13.3
16QZ-14-02	644	780	0.83	0.5482	0.0220	0.0720	0.0023	443.8	14.4	448.1	13.6
16QZ-14-03	62	161	0.38	1.4308	0.0612	0.1504	0.0048	901.9	25.6	903.5	27.0
16QZ-14-04	44	114	0.38	1.4044	0.0633	0.1480	0.0047	890.8	26.7	889.9	26.6
16QZ-14-05	339	778	0.44	0.8102	0.0313	0.0993	0.0031	602.6	17.6	610.1	18.4
16QZ-14-06	805	2019	0.40	0.6311	0.0245	0.0816	0.0027	496.8	15.2	505.4	15.9
16QZ-14-07	283	755	0.37	0.8312	0.0331	0.0996	0.0031	614.3	18.4	612.4	18.3
16QZ-14-08	734	581	1.26	9.6643	0.3717	0.4524	0.0141	2403.3	35.4	2405.9	62.4
16QZ-14-09	222	283	0.78	0.8191	0.0382	0.0988	0.0031	607.6	21.3	607.6	18.3
16QZ-14-10	180	451	0.40	1.9494	0.0772	0.1902	0.0060	1098.2	26.6	1122.7	32.7

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16QZ-14-11	558	790	0.71	1.6888	0.0619	0.1670	0.0052	1004.3	23.4	995.6	28.5
16QZ-14-12	360	505	0.71	1.7761	0.0688	0.1691	0.0053	1036.7	25.2	1007.0	29.0
16QZ-14-13	158	228	0.69	1.4634	0.0580	0.1531	0.0048	915.4	23.9	918.3	27.0
16QZ-14-14	441	2395	0.18	0.5565	0.0203	0.0720	0.0023	449.2	13.2	448.1	13.7
16QZ-14-15	413	1067	0.39	9.9153	0.3372	0.4579	0.0141	2426.9	31.4	2430.3	62.3
16QZ-14-16	190	437	0.43	0.5941	0.0254	0.0789	0.0025	473.5	16.2	489.7	14.8
16QZ-14-17	462	551	0.84	1.1877	0.0444	0.1372	0.0042	794.9	20.6	828.8	24.1
16QZ-14-18	139	111	1.25	1.5168	0.0700	0.1565	0.0051	937.2	28.3	937.1	28.2
16QZ-14-19	432	1111	0.39	1.6047	0.0592	0.1624	0.0052	972.1	23.1	970.1	28.6
16QZ-14-20	192	356	0.54	1.1820	0.0459	0.1314	0.0042	792.2	21.4	795.8	23.7
16QZ-14-21	662	283	2.34	0.7587	0.0365	0.0886	0.0028	573.3	21.1	547.4	16.6
16QZ-14-22	154	231	0.67	1.4780	0.0585	0.1534	0.0048	921.4	24.0	920.1	26.8
16QZ-14-23	128	386	0.33	1.8161	0.0660	0.1767	0.0055	1051.3	23.8	1048.7	30.1
16QZ-14-24	252	165	1.53	1.0639	0.0466	0.1208	0.0038	735.8	22.9	735.4	21.9
16QZ-14-25	101	137	0.74	1.3104	0.0560	0.1437	0.0046	850.3	24.6	865.3	25.9
16QZ-14-26	552	524	1.05	4.1024	0.1384	0.2909	0.0090	1654.8	27.5	1646.3	44.8
16QZ-14-27	279	665	0.42	0.5172	0.0201	0.0695	0.0022	423.3	13.5	432.9	13.1
16QZ-14-28	1919	1181	1.62	1.5484	0.0302	0.1569	0.0017	949.9	12.0	939.3	9.5
16QZ-14-29	245	311	0.79	2.2909	0.0520	0.1987	0.0022	1209.5	16.1	1168.4	11.7
16QZ-14-30	239	252	0.95	0.7387	0.0281	0.0836	0.0011	561.6	16.4	517.5	6.8
16QZ-14-31	651	1100	0.59	6.1133	0.1046	0.3506	0.0041	1992.2	14.9	1937.6	19.7
16QZ-14-32	423	533	0.79	5.0945	0.0942	0.3250	0.0034	1835.2	15.7	1814.1	16.4
16QZ-14-33	1098	815	1.35	10.5689	0.1686	0.4703	0.0046	2486.0	14.8	2484.8	20.3
16QZ-14-34	736	983	0.75	3.9233	0.0702	0.2841	0.0030	1618.5	14.5	1612.2	15.2
16QZ-14-35	366	719	0.51	10.5529	0.1819	0.4726	0.0050	2484.6	16.0	2495.1	22.1
16QZ-14-36	1114	1139	0.98	1.4333	0.0287	0.1442	0.0016	902.9	12.0	868.2	9.1
16QZ-14-37	252	529	0.48	0.5736	0.0195	0.0706	0.0008	460.4	12.6	440.0	5.0
16QZ-14-38	267	1380	0.19	1.1550	0.0792	0.0996	0.0013	779.6	37.3	611.8	7.4
16QZ-14-39	491	1052	0.47	1.7906	0.0341	0.1736	0.0019	1042.0	12.4	1031.9	10.2
16QZ-14-40	300	560	0.54	2.0202	0.0407	0.1897	0.0023	1122.3	13.7	1119.5	12.3
16QZ-14-41	345	756	0.46	1.4416	0.0311	0.1526	0.0017	906.4	12.9	915.5	9.7
16QZ-14-42	259	3249	0.08	0.7839	0.0140	0.0983	0.0010	587.7	8.0	604.4	6.1
16QZ-14-43	661	3657	0.18	0.7524	0.0135	0.0947	0.0010	569.6	7.8	583.5	5.9
16QZ-14-44	1189	2479	0.48	0.9428	0.0171	0.1106	0.0012	674.4	9.0	676.2	6.9
16QZ-14-45	1487	954	1.56	1.4521	0.0301	0.1448	0.0013	910.7	12.5	871.9	7.5
16QZ-14-46	361	1126	0.32	1.5652	0.0274	0.1592	0.0015	956.5	10.9	952.1	8.5
16QZ-14-47	288	1444	0.20	1.9627	0.0361	0.1973	0.0022	1102.8	12.4	1160.6	12.1
16QZ-14-48	1840	4288	0.43	0.5920	0.0104	0.0762	0.0007	472.2	6.6	473.2	4.0
16QZ-14-49	505	1323	0.38	1.0546	0.0256	0.1156	0.0015	731.2	12.6	705.0	8.6
16QZ-14-50	532	1535	0.35	1.6156	0.0325	0.1538	0.0015	976.3	12.6	922.5	8.6

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16QZ-14-51	122	2947	0.04	0.9852	0.0183	0.1121	0.0011	696.3	9.4	685.2	6.6
16QZ-14-52	32	2943	0.01	0.6752	0.0129	0.0837	0.0008	523.9	7.8	517.9	4.7
16QZ-14-53	273	492	0.56	1.6820	0.0439	0.1652	0.0018	1001.8	16.6	985.7	9.9
16QZ-14-54	414	297	1.40	0.6559	0.0247	0.0800	0.0011	512.1	15.1	496.1	6.8
16QZ-14-55	513	735	0.70	0.7777	0.0266	0.0946	0.0013	584.2	15.2	582.4	7.6
16QZ-14-56	2886	2427	1.19	0.7526	0.0167	0.0808	0.0009	569.7	9.7	501.0	5.4
16QZ-14-57	977	333	2.94	0.6301	0.0275	0.0814	0.0011	496.2	17.1	504.2	6.4
16QZ-14-58	730	752	0.97	1.5519	0.0358	0.1568	0.0017	951.3	14.2	939.2	9.6
16QZ-14-59	141	2605	0.05	1.5452	0.0328	0.1580	0.0019	948.6	13.1	945.5	10.5
16QZ-14-60	249	1308	0.19	1.4383	0.0334	0.1456	0.0019	905.0	13.9	876.0	10.8
16QZ-14-61	1623	3240	0.50	10.5996	0.1768	0.4838	0.0046	2488.7	15.5	2544.0	19.9
16QZ-14-62	347	516	0.67	0.6293	0.0251	0.0684	0.0009	495.7	15.6	426.6	5.3
16QZ-14-63	262	375	0.70	1.5719	0.0424	0.1590	0.0018	959.2	16.7	951.2	10.2
16QZ-14-64	903	1435	0.63	0.7558	0.0183	0.0853	0.0010	571.6	10.6	527.5	6.2
16QZ-14-65	517	838	0.62	0.1509	0.0012	0.0417	0.0007	1440.4	32.7	906.0	7.0
16QZ-14-66	437	1313	0.33	0.8115	0.0184	0.0988	0.0012	603.3	10.3	607.6	6.8
16QZ-14-67	361	2765	0.13	8.1171	0.1373	0.3718	0.0040	2244.1	15.3	2037.7	18.7
16QZ-14-68	151	1105	0.14	0.9936	0.0248	0.1128	0.0013	700.6	12.6	689.0	7.6
16QZ-07-01	342	377	0.91	0.0905	0.0005	0.0278	0.0005	700.0	48.1	558.3	2.9
16QZ-07-02	239	300	0.80	0.0948	0.0005	0.0273	0.0003	620.4	35.2	583.9	3.1
16QZ-07-03	486	139	3.50	0.0972	0.0008	0.0265	0.0004	657.4	61.1	598.0	5.0
16QZ-07-04	126	213	0.59	0.0989	0.0006	0.0321	0.0006	588.9	51.8	608.0	3.5
16QZ-07-05	131	368	0.36	0.0999	0.0006	0.0290	0.0006	631.5	26.9	613.9	3.8
16QZ-07-06	46	97	0.47	0.1049	0.0011	0.0314	0.0008	538.9	59.3	642.8	6.2
16QZ-07-07	128	281	0.46	0.1207	0.0008	0.0408	0.0008	898.2	41.5	734.8	4.7
16QZ-07-08	160	1614	0.10	0.1253	0.0006	0.0399	0.0016	772.2	27.8	760.9	3.3
16QZ-07-09	169	273	0.62	0.1271	0.0009	0.0392	0.0006	683.3	33.3	771.6	5.1
16QZ-07-10	122	511	0.24	0.1351	0.0007	0.0363	0.0004	564.9	18.5	816.9	3.7
16QZ-07-11	202	257	0.79	0.1387	0.0009	0.0387	0.0006	761.1	38.9	837.4	5.3
16QZ-07-12	95	164	0.58	0.1412	0.0007	0.0507	0.0014	1059.0	51.7	851.4	4.2
16QZ-07-13	129	290	0.44	0.1416	0.0008	0.0409	0.0006	733.3	27.8	853.5	4.6
16QZ-07-14	284	417	0.68	0.1426	0.0008	0.0387	0.0005	598.2	30.5	859.1	4.5
16QZ-07-15	217	553	0.39	0.1470	0.0008	0.0411	0.0005	887.0	13.9	884.2	4.5
16QZ-07-16	90	201	0.45	0.1594	0.0011	0.0461	0.0008	909.3	31.5	953.3	6.0
16QZ-07-17	239	602	0.40	0.1644	0.0008	0.0478	0.0006	921.3	20.4	981.0	4.6
16QZ-07-18	274	159	1.72	0.1644	0.0013	0.0489	0.0007	877.8	31.9	981.3	7.1
16QZ-07-19	97	203	0.48	0.1661	0.0009	0.0512	0.0008	1007.1	35.2	990.8	5.2
16QZ-07-20	200	419	0.48	0.1671	0.0008	0.0490	0.0005	809.3	22.2	996.1	4.4
16QZ-07-21	66	172	0.39	0.1673	0.0009	0.0468	0.0006	853.7	25.0	997.2	5.0

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16QZ-07-22	66	160	0.41	0.1679	0.0012	0.0511	0.0007	744.5	28.5	1000.5	6.6
16QZ-07-23	129	209	0.62	0.1693	0.0009	0.0483	0.0005	857.4	23.0	1008.5	4.8
16QZ-07-24	90	253	0.36	0.1710	0.0008	0.0536	0.0006	946.3	20.4	1017.8	4.2
16QZ-07-25	205	539	0.38	0.1713	0.0009	0.0512	0.0006	898.2	18.5	1019.4	4.9
16QZ-07-26	68	141	0.48	0.1721	0.0011	0.0537	0.0009	1054.6	39.8	1023.9	6.1
16QZ-07-27	149	326	0.46	0.1768	0.0009	0.0565	0.0008	1033.3	28.7	1049.6	4.9
16QZ-07-28	172	324	0.53	0.1794	0.0009	0.0599	0.0006	1177.5	16.7	1063.7	5.1
16QZ-07-29	314	323	0.97	0.1797	0.0009	0.0507	0.0005	1077.5	20.4	1065.5	4.7
16QZ-07-30	26	58	0.46	0.1952	0.0021	0.0581	0.0014	929.3	48.9	1149.5	11.5
16QZ-07-31	126	216	0.58	0.1956	0.0017	0.0668	0.0016	1387.0	33.3	1151.9	9.0
16QZ-07-32	102	121	0.85	0.1958	0.0012	0.0555	0.0009	1138.9	35.2	1152.8	6.7
16QZ-07-33	81	209	0.39	0.1974	0.0013	0.0535	0.0006	1110.8	19.6	1161.1	6.8
16QZ-07-34	123	507	0.24	0.2022	0.0011	0.0787	0.0024	1255.2	26.9	1186.9	5.9
16QZ-07-35	402	703	0.57	0.2142	0.0012	0.0645	0.0009	1070.1	26.1	1251.3	6.4
16QZ-07-36	127	125	1.02	0.2539	0.0017	0.0693	0.0010	1396.0	24.1	1458.3	8.9
16QZ-07-37	61	151	0.40	0.2769	0.0019	0.0795	0.0014	1428.7	23.1	1575.7	9.7
16QZ-07-38	72	44	1.66	0.2854	0.0035	0.0849	0.0013	1602.2	29.8	1618.4	17.6
16QZ-07-39	394	574	0.69	0.2951	0.0017	0.0816	0.0011	1594.4	20.4	1667.1	8.6
16QZ-07-40	127	554	0.23	0.3146	0.0018	0.0787	0.0009	1500.0	14.0	1763.1	9.1
16QZ-07-41	73	353	0.21	0.3433	0.0019	0.0914	0.0010	1758.3	11.1	1902.4	9.0
16QZ-07-42	49	323	0.15	0.3449	0.0020	0.0974	0.0015	1846.6	10.6	1910.4	9.8
16QZ-07-43	24	391	0.06	0.3820	0.0026	0.0978	0.0025	2199.7	25.9	2085.7	12.2
16QZ-07-44	78	216	0.36	0.3827	0.0023	0.1042	0.0012	1957.1	11.0	2088.7	10.8
16QZ-07-45	104	147	0.71	0.4662	0.0039	0.1250	0.0022	2438.9	21.8	2466.9	17.0
16QZ-07-46	151	189	0.80	0.4700	0.0047	0.1199	0.0028	2446.6	26.7	2483.4	20.6
16QZ-07-47	58	64	0.90	0.4805	0.0037	0.1256	0.0015	2405.9	22.4	2529.5	16.0
16QZ-07-48	87	120	0.72	0.5018	0.0036	0.1398	0.0019	2427.8	20.4	2621.5	15.7
16QZ-07-49	40	72	0.55	0.5700	0.0031	0.1430	0.0018	2705.3	11.7	2907.8	12.8
16QZ-07-50	140	368	0.38	0.6931	0.0039	0.1652	0.0017	3471.3	5.6	3394.6	15.0
16QZ-24-01	13049	613	21.28	0.5425	0.0223	0.0714	0.0023	440.1	14.7	444.9	13.7
16QZ-24-02	8035	955	8.42	0.5832	0.0225	0.0750	0.0023	466.5	14.4	466.5	14.1
16QZ-24-03	22	46	0.49	1.7772	0.2032	0.1474	0.0150	1037.2	74.4	886.4	84.2
16QZ-24-04	283	295	0.96	7.9857	0.8082	0.3751	0.0377	2229.4	91.6	2053.5	176.7
16QZ-24-05	4758	805	5.91	8.0030	0.2890	0.3988	0.0126	2231.4	32.6	2163.3	58.0
16QZ-24-06	427	1984	0.22	3.4580	0.3495	0.2422	0.0243	1517.7	79.8	1398.3	126.3
16QZ-24-07	2716	303	8.95	10.0800	0.3574	0.4596	0.0143	2442.1	32.8	2438.0	63.1
16QZ-24-08	532	217	2.45	1.5604	0.1632	0.1628	0.0164	954.6	64.8	972.5	90.9
16QZ-24-09	99	261	0.38	2.5042	0.2563	0.2181	0.0219	1273.2	74.4	1271.8	116.0
16QZ-24-10	2614	145	18.01	3.1226	0.1253	0.2454	0.0079	1438.3	30.9	1414.6	40.8

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16QZ-24-11	268	366	0.73	1.6437	0.1691	0.1689	0.0170	987.1	65.0	1006.1	93.6
16QZ-24-12	3841	158	24.33	10.3623	0.4016	0.4837	0.0155	2467.7	35.9	2543.4	67.5
16QZ-24-13	85	1662	0.05	2.9444	0.2982	0.2274	0.0228	1393.4	76.9	1321.0	119.9
16QZ-24-14	2738	195	14.04	10.7429	0.4088	0.4952	0.0158	2501.1	35.4	2593.3	67.9
16QZ-24-15	4522	289	15.63	0.8013	0.0362	0.0894	0.0029	597.5	20.4	552.0	16.9
16QZ-24-16	685	1710	0.40	11.3308	1.1461	0.4695	0.0471	2550.7	94.7	2481.4	206.8
16QZ-24-17	220	528	0.42	0.5972	0.0635	0.0734	0.0074	475.5	40.4	456.9	44.3
16QZ-24-18	9424	544	17.32	10.0821	0.3832	0.4666	0.0149	2442.3	35.1	2468.4	65.3
16QZ-24-19	826	1720	0.48	1.0114	0.1029	0.1150	0.0116	709.6	52.0	701.8	66.9
16QZ-24-20	5339	986	5.41	1.6791	0.0625	0.1680	0.0052	1000.7	23.7	1000.9	29.0
16QZ-24-21	9258	436	21.22	1.6485	0.0614	0.1663	0.0052	989.0	23.6	991.6	28.8
16QZ-24-22	525	666	0.79	6.1534	0.6216	0.3519	0.0353	1997.9	88.4	1943.7	168.3
16QZ-24-23	1433	1127	1.27	1.6899	0.1722	0.1643	0.0165	1004.7	65.1	980.9	91.4
16QZ-24-24	14620	439	33.31	0.6860	0.0279	0.0822	0.0026	530.4	16.8	509.1	15.4
16QZ-24-25	511	669	0.76	0.7164	0.0740	0.0874	0.0088	548.5	43.8	540.2	52.0
16QZ-24-26	81	304	0.27	0.9303	0.0980	0.1027	0.0103	667.8	51.6	630.4	60.5
16QZ-24-27	10379	1247	8.32	2.1269	0.0781	0.1966	0.0063	1157.6	25.4	1157.0	34.0
16QZ-24-28	748	1457	0.51	1.5573	0.1577	0.1581	0.0158	953.4	62.7	946.2	88.2
16QZ-24-29	293	492	0.59	1.4439	0.1490	0.1494	0.0150	907.3	62.0	897.6	84.1
16QZ-24-30	8382	661	12.68	1.7272	0.0629	0.1751	0.0055	1018.7	23.4	1040.3	30.0
16QZ-24-31	518	292	1.77	1.1909	0.1266	0.1231	0.0124	796.4	58.7	748.6	71.2
16QZ-24-32	337	654	0.52	0.6375	0.0665	0.0739	0.0074	500.8	41.3	459.5	44.6
16QZ-24-33	273	447	0.61	1.1700	0.1211	0.1311	0.0132	786.6	56.7	794.0	75.0
16QZ-24-34	9219	339	27.16	14.5775	0.5036	0.5413	0.0168	2788.1	32.8	2788.9	70.1
16QZ-24-35	569	536	1.06	0.7077	0.0739	0.0870	0.0087	543.4	44.0	537.7	51.8
16QZ-24-36	2037	322	6.33	1.1201	0.0422	0.1253	0.0039	763.0	20.2	761.2	22.4
16QZ-24-37	896	540	1.66	1.5741	0.1602	0.1586	0.0159	960.0	63.3	949.2	88.6
16QZ-24-38	1295	97	13.30	1.5399	0.0581	0.1605	0.0051	946.5	23.2	959.5	28.1
16QZ-24-39	170	130	1.30	1.5311	0.1654	0.1636	0.0165	942.9	66.5	977.0	91.5
16QZ-24-40	196	639	0.31	0.5774	0.0609	0.0667	0.0067	462.8	39.2	416.5	40.5
16QZ-24-41	462	694	0.67	0.5322	0.0559	0.0690	0.0069	433.2	37.1	430.2	41.8
16QZ-24-42	3464	256	13.52	13.6665	0.5007	0.5287	0.0168	2726.9	34.7	2736.1	70.7
16QZ-24-43	279	755	0.37	0.8246	0.0845	0.1027	0.0103	610.6	47.1	630.0	60.3
16QZ-24-44	5495	366	15.01	3.4631	0.1284	0.2687	0.0085	1518.8	29.2	1534.0	43.1
16QZ-24-45	328	728	0.45	0.9446	0.0970	0.1032	0.0104	675.3	50.7	633.0	60.6
16QZ-24-46	11166	920	12.13	1.8984	0.0681	0.1842	0.0057	1080.5	23.9	1089.9	31.0
16QZ-24-47	6155	444	13.86	4.0353	0.1454	0.2951	0.0093	1641.3	29.3	1666.8	46.5
16QZ-24-48	195	217	0.90	10.5768	1.0721	0.4681	0.0470	2486.7	94.3	2475.2	206.4
16QZ-24-49	10858	2746	3.95	1.2275	0.0432	0.1351	0.0042	813.2	19.7	817.0	23.9
16QZ-24-50	330	409	0.81	1.4755	0.1517	0.1499	0.0150	920.4	62.3	900.2	84.4

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16QZ-24-51	5683	990	5.74	1.5970	0.0576	0.1614	0.0050	969.0	22.5	964.4	27.8
16QZ-24-52	809	250	3.24	10.5763	1.0692	0.4681	0.0470	2486.6	94.0	2475.2	206.4
16QZ-24-53	294	647	0.45	1.1153	0.1147	0.1069	0.0107	760.7	55.1	654.4	62.4
16QZ-24-54	3383	483	7.00	11.5356	0.4193	0.4785	0.0149	2567.5	34.0	2520.9	65.1
16QZ-24-55	498	933	0.53	2.7171	0.2753	0.2145	0.0216	1333.1	75.4	1252.7	114.7
16QZ-24-56	542	627	0.86	1.6698	0.1700	0.1661	0.0167	997.1	64.8	990.8	92.2
16QZ-24-57	787	354	2.22	0.6578	0.0699	0.0807	0.0081	513.3	42.8	500.3	48.4
16QZ-24-58	460	829	0.55	1.2364	0.1259	0.1306	0.0131	817.3	57.2	791.2	74.7
16QZ-24-59	284	214	1.33	10.5984	1.0753	0.4650	0.0467	2488.6	94.4	2461.7	205.5
16QZ-24-60	197	372	0.53	5.2237	0.5304	0.3321	0.0333	1856.5	86.7	1848.6	161.3
16QZ-24-61	1147	697	1.65	0.7026	0.0725	0.0823	0.0083	540.4	43.2	510.1	49.3
16QZ-24-62	389	236	1.65	1.6228	0.1683	0.1609	0.0162	979.1	65.2	961.8	89.7
16QZ-24-63	304	365	0.83	1.6984	0.1745	0.1680	0.0169	1007.9	65.7	1000.8	93.1
16QZ-24-64	1565	2020	0.77	5.1872	0.5254	0.3305	0.0332	1850.5	86.4	1840.8	160.8
16FCG-14-01	2367	9841	0.24	0.0719	0.0005	0.0003	4.2477	431.5	25.9	447.7	3.0
16FCG-14-02	908	1432	0.63	0.0734	0.0015	0.0007	1.5791	420.4	75.0	456.6	9.1
16FCG-14-03	2836	6824	0.42	0.0738	0.0005	0.0005	2.4735	472.3	41.7	459.3	2.9
16FCG-14-04	1189	2497	0.48	0.0752	0.0007	0.0004	2.0548	494.5	38.9	467.5	4.1
16FCG-14-05	582	2547	0.23	0.0757	0.0006	0.0006	4.2840	477.8	27.8	470.1	3.5
16FCG-14-06	417	735	0.57	0.0759	0.0016	0.0008	1.5347	522.3	100.0	471.6	9.3
16FCG-14-07	4725	7498	0.63	0.0766	0.0006	0.0004	1.5638	476.0	40.7	475.6	3.7
16FCG-14-08	4500	11717	0.38	0.0791	0.0008	0.0006	2.6115	509.3	34.3	491.0	4.6
16FCG-14-09	580	627	0.93	0.0832	0.0011	0.0006	1.0479	546.3	61.1	515.3	6.7
16FCG-14-10	1297	2127	0.61	0.0846	0.0010	0.0007	1.6155	553.7	80.5	523.3	6.1
16FCG-14-11	5679	4454	1.27	0.0921	0.0011	0.0006	0.7433	605.6	97.2	568.1	6.2
16FCG-14-12	2694	2861	0.94	0.0927	0.0012	0.0005	0.9503	588.9	53.7	571.2	7.3
16FCG-14-13	6227	3706	1.68	0.0964	0.0010	0.0004	0.6271	627.8	50.0	593.3	6.1
16FCG-14-14	1363	1577	0.86	0.1345	0.0013	0.0008	1.1300	813.0	46.3	813.6	7.2
16FCG-14-15	5052	21578	0.23	0.1410	0.0016	0.0012	4.1847	825.6	35.2	850.2	8.8
16FCG-14-16	586	1834	0.32	0.1427	0.0026	0.0017	3.0917	953.7	64.8	859.8	14.9
16FCG-14-17	1227	3866	0.32	0.1494	0.0009	0.0007	3.0349	894.4	21.3	897.4	5.2
16FCG-14-18	278	321	0.87	0.1503	0.0016	0.0007	1.1182	921.9	42.6	902.7	8.9
16FCG-14-19	5994	35461	0.17	0.1538	0.0026	0.0012	5.7578	907.1	25.9	922.0	14.7
16FCG-14-20	1062	6679	0.16	0.1539	0.0014	0.0008	6.1813	909.3	21.1	922.7	7.9
16FCG-14-21	139	376	0.37	0.1568	0.0026	0.0018	2.6358	983.3	13.9	939.0	14.5
16FCG-14-22	22099	95742	0.23	0.1608	0.0009	0.0006	4.4388	946.3	14.8	961.2	5.0
16FCG-14-23	3533	8527	0.41	0.1620	0.0018	0.0009	3.1547	972.2	20.4	968.0	9.8
16FCG-14-24	6463	13588	0.48	0.1666	0.0009	0.0005	2.1585	1003.4	16.7	993.5	5.2
16FCG-14-25	4524	12618	0.36	0.1672	0.0020	0.0014	2.7195	998.2	37.0	996.7	10.9

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16FCG-14-26	3078	2589	1.19	0.1674	0.0014	0.0005	0.8406	975.9	21.5	998.0	7.5
16FCG-14-27	308	1707	0.18	0.1692	0.0012	0.0009	5.3475	994.4	18.5	1007.8	6.9
16FCG-14-28	2774	5412	0.51	0.1707	0.0011	0.0006	2.5107	1016.7	18.5	1016.0	6.2
16FCG-14-29	2194	4074	0.54	0.1886	0.0020	0.0015	1.7714	1131.5	36.1	1113.7	11.1
16FCG-14-30	222	832	0.27	0.1893	0.0020	0.0011	3.5911	1136.1	31.5	1117.5	10.6
16FCG-14-31	1937	2180	0.89	0.1927	0.0014	0.0007	1.1173	1120.4	21.1	1136.2	7.5
16FCG-14-32	2190	2375	0.92	0.1949	0.0013	0.0006	1.0724	1138.9	25.0	1147.8	7.0
16FCG-14-33	1598	3308	0.48	0.1963	0.0039	0.0031	2.0205	1124.1	50.0	1155.2	21.0
16FCG-14-34	925	1650	0.56	0.1991	0.0021	0.0010	1.7505	1173.8	21.1	1170.4	11.2
16FCG-14-35	1342	2396	0.56	0.2194	0.0054	0.0017	1.7653	1253.7	53.7	1278.5	28.8
16FCG-14-36	1129	1088	1.04	0.2233	0.0066	0.0027	0.8391	1301.9	97.5	1299.4	34.5
16FCG-14-37	6249	5189	1.20	0.2251	0.0022	0.0011	0.8129	1309.3	29.6	1308.5	11.5
16FCG-14-38	1285	818	1.57	0.2369	0.0019	0.0008	0.6193	1435.2	19.9	1370.5	10.0
16FCG-14-39	3155	7629	0.41	0.2476	0.0032	0.0010	2.4018	1409.6	15.6	1426.1	16.6
16FCG-14-40	3106	4643	0.67	0.2552	0.0014	0.0009	1.4883	1451.6	14.8	1465.3	7.3
16FCG-14-41	882	1369	0.64	0.2920	0.0024	0.0013	1.5471	1655.6	20.1	1651.3	12.0
16FCG-14-42	2023	5013	0.40	0.3344	0.0058	0.0027	2.5679	1876.2	26.4	1859.6	27.9
16FCG-14-43	939	2098	0.45	0.3459	0.0033	0.0018	2.2017	1925.6	20.5	1914.8	15.7
16FCG-14-44	3555	12656	0.28	0.4377	0.0027	0.0017	3.6457	2357.7	16.7	2340.3	12.1
16FCG-14-45	2422	3833	0.63	0.4494	0.0045	0.0024	1.5496	2425.0	17.9	2392.6	20.1
16FCG-14-46	261	454	0.58	0.4639	0.0051	0.0024	1.7106	2466.4	16.7	2456.7	22.5
16FCG-14-47	593	1557	0.38	0.4650	0.0051	0.0027	2.5404	2477.8	14.7	2461.6	22.5
16FCG-14-48	1088	1426	0.76	0.4655	0.0077	0.0025	1.2596	2460.8	18.1	2463.9	34.0
16FCG-14-49	8728	15590	0.56	0.4661	0.0028	0.0013	1.7280	2497.8	8.3	2466.5	12.3
16FCG-14-50	3186	9514	0.33	0.4702	0.0038	0.0016	2.9588	2458.3	10.5	2484.4	16.6
16FCG-14-51	2127	3644	0.58	0.4710	0.0054	0.0018	1.6400	2492.3	13.1	2487.9	23.5
16FCG-14-52	2106	5759	0.37	0.4712	0.0050	0.0023	2.6549	2499.1	12.8	2488.7	21.8
16FCG-14-53	1094	1376	0.79	0.4731	0.0048	0.0022	1.2067	2513.9	14.2	2497.1	21.1
16FCG-14-54	2724	7075	0.39	0.5180	0.0034	0.0018	2.5287	2687.0	12.7	2690.7	14.4
16FCG-14-55	1835	3180	0.58	0.7620	0.0051	0.0016	1.7371	3652.4	6.8	3651.5	18.7
16FCG-14-56	184	340	0.54	0.1530	0.0022	0.0782	0.0020	1847.2	73.9	918.0	12.1
16BH-19-01	719	1219	0.59	0.0713	0.0006	0.0200	0.0003	344.5	31.5	443.7	3.5
16BH-19-02	850	3173	0.27	0.0726	0.0006	0.0237	0.0007	590.8	44.4	451.7	3.6
16BH-19-03	842	2565	0.33	0.0740	0.0004	0.0208	0.0004	476.0	31.5	459.9	2.5
16BH-19-04	372	668	0.56	0.0741	0.0004	0.0222	0.0003	455.6	10.2	461.1	2.3
16BH-19-05	263	309	0.85	0.0744	0.0005	0.0221	0.0004	398.2	58.3	462.8	3.1
16BH-19-06	458	696	0.66	0.0748	0.0005	0.0239	0.0004	527.8	58.3	464.8	3.2
16BH-19-07	384	849	0.45	0.0757	0.0014	0.0234	0.0009	600.0	95.4	470.2	8.4
16BH-19-08	653	924	0.71	0.0758	0.0004	0.0236	0.0003	477.8	38.9	471.0	2.6

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16BH-19-09	421	680	0.62	0.0767	0.0004	0.0246	0.0004	433.4	38.9	476.1	2.7
16BH-19-10	482	903	0.53	0.0769	0.0003	0.0234	0.0003	353.8	33.3	477.6	1.9
16BH-19-11	644	1501	0.43	0.0772	0.0004	0.0234	0.0003	476.0	26.9	479.6	2.6
16BH-19-12	278	718	0.39	0.0795	0.0007	0.0395	0.0009	1276.9	45.2	493.1	4.0
16BH-19-13	2120	2785	0.76	0.0826	0.0004	0.0233	0.0002	531.5	22.2	511.7	2.1
16BH-19-14	90	206	0.44	0.0844	0.0010	0.0279	0.0011	594.5	92.6	522.5	6.2
16BH-19-15	1476	957	1.54	0.0901	0.0006	0.0282	0.0003	653.7	35.2	556.4	3.8
16BH-19-16	1928	4302	0.45	0.1144	0.0015	0.0119	0.0006	900.0	95.4	698.5	8.6
16BH-19-17	654	1319	0.50	0.1144	0.0006	0.0355	0.0003	661.1	24.1	698.5	3.7
16BH-19-18	641	1119	0.57	0.1186	0.0007	0.0394	0.0006	742.6	42.7	722.7	4.2
16BH-19-19	636	882	0.72	0.1233	0.0016	0.0523	0.0012	924.1	85.2	749.3	9.2
16BH-19-20	654	560	1.17	0.1239	0.0013	0.0396	0.0006	946.3	48.1	753.1	7.5
16BH-19-21	789	664	1.19	0.1446	0.0010	0.0469	0.0009	879.6	40.7	870.6	5.8
16BH-19-22	1214	1599	0.76	0.1455	0.0017	0.0472	0.0011	994.4	68.5	875.8	9.4
16BH-19-23	1461	1916	0.76	0.1532	0.0011	0.0365	0.0006	942.6	27.8	919.0	6.4
16BH-19-24	136	1491	0.09	0.1631	0.0009	0.0608	0.0018	1055.6	24.8	974.2	5.0
16BH-19-25	595	818	0.73	0.1683	0.0008	0.0524	0.0006	900.0	27.0	1002.9	4.7
16BH-19-26	124	350	0.35	0.1705	0.0009	0.0530	0.0011	1005.6	33.3	1014.6	5.2
16BH-19-27	548	573	0.96	0.1725	0.0008	0.0526	0.0005	901.9	23.0	1025.6	4.5
16BH-19-28	286	532	0.54	0.1752	0.0011	0.0534	0.0009	1062.0	34.3	1040.8	6.2
16BH-19-29	502	1133	0.44	0.1754	0.0014	0.0515	0.0006	922.2	50.0	1041.9	7.4
16BH-19-30	360	442	0.81	0.1872	0.0012	0.0555	0.0007	1016.7	33.8	1106.2	6.3
16BH-19-31	336	1555	0.22	0.1881	0.0013	0.0806	0.0010	1413.0	17.7	1111.2	6.9
16BH-19-32	458	815	0.56	0.1890	0.0009	0.0708	0.0009	1472.2	20.8	1115.8	4.8
16BH-19-33	503	560	0.90	0.1915	0.0012	0.0526	0.0005	1075.9	22.2	1129.5	6.5
16BH-19-34	1263	1940	0.65	0.1973	0.0041	0.0548	0.0018	2038.9	28.2	1160.7	22.1
16BH-19-35	185	740	0.25	0.2017	0.0017	0.0638	0.0015	1131.5	33.3	1184.5	8.9
16BH-19-36	240	294	0.82	0.2026	0.0023	0.0578	0.0015	1094.4	65.6	1189.2	12.4
16BH-19-37	564	1403	0.40	0.2077	0.0008	0.0591	0.0005	1124.1	14.8	1216.4	4.2
16BH-19-38	593	1446	0.41	0.2144	0.0014	0.0665	0.0011	1161.1	20.2	1252.3	7.3
16BH-19-39	542	454	1.19	0.2157	0.0023	0.0665	0.0013	1350.0	42.3	1259.0	12.2
16BH-19-40	314	1703	0.18	0.2185	0.0016	0.1062	0.0015	1350.0	13.0	1274.2	8.5
16BH-19-41	317	401	0.79	0.2887	0.0020	0.0881	0.0012	1587.0	25.8	1635.3	10.1
16BH-19-42	635	1057	0.60	0.3217	0.0027	0.0957	0.0010	1799.1	16.7	1797.9	13.0
16BH-19-43	572	797	0.72	0.3670	0.0020	0.1152	0.0014	2399.7	12.8	2015.2	9.6
16BH-19-44	1500	1550	0.97	0.3744	0.0040	0.1069	0.0015	2434.9	7.7	2049.9	19.0
16BH-19-45	906	1845	0.49	0.4415	0.0042	0.0462	0.0018	2417.6	19.4	2357.5	18.8
16BH-19-46	285	558	0.51	0.4603	0.0031	0.1248	0.0017	2442.3	18.7	2441.0	13.7
16BH-19-47	270	732	0.37	0.4698	0.0020	0.1264	0.0011	2413.0	8.6	2482.8	8.9
16BH-19-48	262	457	0.57	0.4702	0.0023	0.1317	0.0012	2496.0	10.0	2484.3	10.2

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16BH-19-49	144	215	0.67	0.4845	0.0061	0.1367	0.0026	2484.9	24.1	2546.8	26.5
16BH-19-50	165	203	0.81	0.5052	0.0028	0.1526	0.0016	2684.3	14.5	2636.0	12.0
16BH-19-51	410	732	0.56	0.5140	0.0068	0.1291	0.0038	2636.7	24.1	2673.5	28.8
16BH-19-52	500	1006	0.50	0.5499	0.0087	0.1349	0.0036	2675.6	25.9	2824.6	36.4
16BH-19-53	104	303	0.34	0.6956	0.0064	0.1806	0.0045	3388.6	24.5	3403.9	24.2
16BH-19-54	1188	1426	0.83	0.7469	0.0067	0.1946	0.0025	3622.8	15.3	3595.9	24.6
16GX-24-01	413	609	0.68	0.0692	0.0006	0.0233	0.0003	416.7	30.6	431.1	3.5
16GX-24-02	73	90	0.81	0.0704	0.0007	0.0244	0.0004	466.7	48.1	438.8	4.3
16GX-24-03	359	289	1.24	0.0706	0.0007	0.0244	0.0003	520.4	46.3	439.7	4.4
16GX-24-04	357	433	0.83	0.0708	0.0007	0.0246	0.0003	453.8	40.7	440.8	4.4
16GX-24-05	217	474	0.46	0.0715	0.0004	0.0239	0.0003	483.4	22.2	445.4	2.4
16GX-24-06	310	768	0.40	0.0718	0.0006	0.0263	0.0003	435.2	20.4	447.2	3.7
16GX-24-07	219	288	0.76	0.0725	0.0006	0.0250	0.0003	453.8	25.0	451.0	3.8
16GX-24-08	448	630	0.71	0.0727	0.0007	0.0236	0.0004	450.0	33.3	452.6	4.3
16GX-24-09	1003	1292	0.78	0.0729	0.0019	0.0272	0.0007	450.0	57.4	453.9	11.4
16GX-24-10	119	595	0.20	0.0732	0.0004	0.0267	0.0004	476.0	24.1	455.1	2.5
16GX-24-11	347	384	0.90	0.0733	0.0006	0.0253	0.0003	435.2	38.9	456.3	3.9
16GX-24-12	127	295	0.43	0.0748	0.0007	0.0256	0.0004	472.3	31.5	465.3	4.4
16GX-24-13	63	171	0.37	0.0751	0.0011	0.0263	0.0009	464.9	32.4	466.9	6.3
16GX-24-14	156	293	0.53	0.0752	0.0005	0.0249	0.0003	487.1	29.6	467.1	2.9
16GX-24-15	155	392	0.39	0.0756	0.0005	0.0260	0.0003	479.7	22.2	470.1	2.7
16GX-24-16	118	309	0.38	0.0766	0.0007	0.0273	0.0005	494.5	35.2	475.9	3.9
16GX-24-17	148	329	0.45	0.0770	0.0009	0.0255	0.0004	472.3	44.4	478.2	5.3
16GX-24-18	110	274	0.40	0.0779	0.0006	0.0260	0.0004	498.2	31.5	483.6	3.4
16GX-24-19	94	231	0.40	0.0780	0.0005	0.0276	0.0003	472.3	27.8	484.0	3.2
16GX-24-20	170	233	0.73	0.0795	0.0006	0.0270	0.0003	472.3	29.6	493.0	3.3
16GX-24-21	364	235	1.55	0.0964	0.0015	0.0323	0.0005	611.1	100.9	593.1	9.1
16GX-24-22	131	318	0.41	0.0993	0.0026	0.0369	0.0015	588.9	48.1	610.4	15.4
16GX-24-23	146	320	0.46	0.1261	0.0018	0.0436	0.0006	781.2	27.8	765.3	10.4
16GX-24-24	210	188	1.11	0.1301	0.0009	0.0448	0.0004	764.8	27.8	788.6	5.3
16GX-24-25	212	383	0.55	0.1334	0.0008	0.0460	0.0004	1200.0	17.4	807.2	4.6
16GX-24-26	82	1171	0.07	0.1366	0.0015	0.0174	0.0007	831.5	19.4	825.5	8.2
16GX-24-27	167	268	0.62	0.1427	0.0041	0.0561	0.0011	879.6	58.2	859.9	23.2
16GX-24-28	117	434	0.27	0.1658	0.0010	0.0573	0.0006	953.7	11.1	988.8	5.6
16GX-24-29	73	84	0.87	0.1686	0.0015	0.0557	0.0006	1036.1	27.8	1004.6	8.1
16GX-24-30	57	201	0.28	0.1725	0.0015	0.0644	0.0012	1020.4	23.6	1025.8	8.0
16GX-24-31	190	504	0.38	0.1735	0.0017	0.0542	0.0008	1057.4	21.1	1031.3	9.2
16GX-24-32	79	771	0.10	0.1750	0.0037	0.0680	0.0027	1096.0	33.6	1039.8	20.5
16GX-24-33	271	380	0.71	0.1757	0.0011	0.0579	0.0007	1062.0	11.0	1043.2	6.0

分析号	元素含量 (10 ⁻⁶)		Th/U	同位素比值				年龄 (Ma)			
	Th	U		²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ	²⁰⁷ Pb/ ²³⁵ U	±σ	²⁰⁶ Pb/ ²³⁸ U	±σ
16GX-24-34	126	289	0.44	0.1849	0.0009	0.0637	0.0006	1098.2	11.9	1093.4	5.1
16GX-24-35	269	579	0.46	0.1893	0.0016	0.0612	0.0011	1094.4	-6.5	1117.6	8.9
16GX-24-36	49	316	0.15	0.1926	0.0014	0.0684	0.0014	1164.8	23.8	1135.5	7.6
16GX-24-37	161	154	1.05	0.1961	0.0020	0.0672	0.0011	1173.8	35.2	1154.6	10.8
16GX-24-38	247	179	1.38	0.1967	0.0018	0.0614	0.0006	1142.6	23.9	1157.6	9.9
16GX-24-39	325	427	0.76	0.2262	0.0036	0.0733	0.0035	1375.9	55.6	1314.7	19.1
16GX-24-40	115	253	0.45	0.2372	0.0022	0.0763	0.0008	1388.9	18.5	1372.4	11.4
16GX-24-41	49	104	0.47	0.2395	0.0026	0.0827	0.0012	1381.2	22.5	1384.1	13.6
16GX-24-42	134	203	0.66	0.2621	0.0019	0.0864	0.0009	1509.3	12.5	1500.8	9.9
16GX-24-43	104	218	0.48	0.2717	0.0021	0.0888	0.0010	1531.5	16.5	1549.2	10.9
16GX-24-44	243	273	0.89	0.2838	0.0019	0.0875	0.0011	1588.0	17.7	1610.7	9.3
16GX-24-45	177	393	0.45	0.3031	0.0025	0.1001	0.0009	1694.4	10.0	1706.5	12.3
16GX-24-46	174	316	0.55	0.3058	0.0028	0.0963	0.0009	1800.0	8.6	1720.1	13.7
16GX-24-47	46	120	0.38	0.4490	0.0060	0.1412	0.0022	2394.8	19.1	2391.0	26.6
16GX-24-48	153	269	0.57	0.4730	0.0044	0.1429	0.0016	2477.5	9.0	2496.7	19.0
16GX-24-49	314	711	0.44	0.4874	0.0327	0.1759	0.0121	2591.1	15.7	2559.5	141.7
16GX-24-50	41	133	0.31	0.6045	0.0078	0.1873	0.0020	3031.8	3.2	3048.1	31.3

测试单位：桂林理工大学广西隐伏金属矿产勘查重点实验室；测试者：蒙麟鑫、麻艺超、蔡永丰、孙国洪、徐丰；测试手段：LA-ICPMS；
测试条件：激光束直径为 32μm，激光频率为 6Hz，剥蚀时间为 40s；测试精度和误差范围：单点误差 3~5%，加权平均值 1%。