

Grain No.	Isotopic ratios				Uncorrected Ages (Ma)						²⁰⁷ Pb Corrected		208Pb Corrected Ages (Ma)						Best Age		Discord %					
	U (ppm)	Th/U	206/238	207/235	207/206	1σ %	% common lead	206/238	2σ	207/235	2σ	207/206	2σ	206/238	2σ	207/235	2σ	207/206	2σ	Age		2σ				
SYH9-1	360	0.40	0.18624	0.8	1.85327	1.3	0.07596	0.7	0.77	1101.0	18.9	1064.6	6.0	1094.0	14.9	1101.3	8.7	1097.6	8.7	1033.2	83.8	908.2	100.3	1094.0	14.9	-3.4
SYH9-2	307	0.82	0.01677	1.0	0.10386	2.7	0.04724	2.5	0.80	107.2	3.2	100.3	80.7	61.4	59.1	107.3	2.5	113.3	2.6	90.6	27.5	-306.4	336.1	107.2	3.2	-6.9
SYH9-3	317	0.24	0.25835	0.8	3.19704	1.3	0.09167	0.7	0.67	1481.4	26.1	1456.4	3.9	1460.6	13.3	1483.4	11.6	1465.1	11.0	1416.6	161.0	1333.4	109.5	1460.6	13.3	-1.7
SYH9-4	363	1.67	0.00576	1.2	0.03299	4.7	0.04372	4.7	1.80	37.0	2.4	33.0	111.8	-126.4	115.3	37.2	2.3	938.7	6.1	21.9	24.5	#NUM!	#NUM!	37.0	2.4	-12.3
SYH9-5	62	0.56	0.24506	0.9	2.17218	2.7	0.07935	1.2	2.08	1412.9	28.0	1172.2	113.0	1180.9	23.3	1431.5	12.7	1341.7	12.6	1123.6	120.2	644.5	125.5	644.5	125.5	-19.4
SYH9-6	301	0.28	0.32156	0.8	4.64012	1.3	0.10713	0.6	0.61	1797.3	32.4	1756.5	7.4	1751.2	12.0	1804.2	14.4	1784.9	12.9	1727.6	99.0	1655.4	42.3	1751.2	12.0	-2.3
SYH9-7	354	0.44	0.02716	0.9	0.17775	2.0	0.04886	1.7	0.91	172.7	3.8	166.1	6.1	141.1	40.4	172.9	2.7	172.2	2.8	145.0	11.0	-264.3	168.5	172.7	3.8	-4.0
SYH9-8	913	0.50	0.03503	0.8	0.24106	1.2	0.0506	1.0	0.43	222.0	4.3	219.3	3.9	222.6	23.4	221.9	2.9	227.6	3.0	207.1	26.5	52.0	277.6	222.0	4.3	-1.2
SYH9-9	355	0.48	0.005	1.4	0.03523	4.5	0.05177	4.5	0.62	32.2	2.4	35.2	71.0	275.3	102.2	31.9	2.3	32.6	2.3	32.0	24.6	39.0	151.8	31.9	2.3	-1.7
SYH9-10	393	0.31	0.23513	0.8	3.02503	1.2	0.09717	1.7	0.64	1361.3	23.9	1414.0	6.4	1570.5	12.7	1343.4	10.6	1354.3	10.4	1395.7	69.4	1460.8	45.3	1460.8	45.3	3.0
SYH9-11	871	0.75	0.03413	0.8	0.23043	1.3	0.05053	1.1	0.34	216.3	4.3	210.6	130.3	219.4	25.7	216.3	2.9	231.1	3.0	205.2	44.2	87.1	229.7	216.3	4.3	-2.8
SYH9-12	365	0.24	0.35342	0.8	5.52685	1.2	0.11635	0.6	0.58	1950.9	35.7	1904.8	47.2	1900.9	11.7	1960.1	16.1	1935.1	13.8	1882.4	91.7	1818.3	27.5	1900.9	11.7	-2.4
SYH9-13	596	0.24	0.20111	0.8	2.30361	1.0	0.08317	0.7	0.18	1181.3	20.3	1213.4	41.0	1273.2	13.1	1175.5	9.2	1191.3	9.0	1200.0	57.7	1237.2	41.5	1237.2	41.5	0.7
SYH9-14	199	0.57	0.18992	0.8	1.9079	1.1	0.07487	0.7	0.56	1120.9	19.3	1083.9	55.3	1065.0	13.9	1124.0	8.9	1145.3	9.1	1053.8	91.4	928.8	100.3	1065.0	13.9	-3.4
SYH9-15	66	0.63	0.18505	0.8	1.77306	1.6	0.07372	0.8	1.01	1094.5	19.4	1035.6	60.3	1033.8	17.1	1097.7	9.0	1101.1	9.3	986.9	98.7	775.7	122.3	1033.8	17.1	-5.7
SYH9-16	178	0.27	0.24892	0.8	3.00459	1.0	0.08862	0.6	0.44	1432.9	25.2	1408.8	85.8	1396.0	12.3	1436.1	11.3	1434.9	10.7	1383.7	81.0	1316.5	44.0	1396.0	12.3	-1.7
SYH9-17	85	0.42	0.27031	0.8	3.224	1.4	0.08972	0.7	0.55	1542.4	27.8	1462.9	85.9	1419.6	13.6	1554.7	12.4	1551.3	11.8	1443.5	112.9	1311.6	65.6	1419.6	13.6	-5.4
SYH9-18	74	1.30	0.26694	0.8	3.11742	1.4	0.09141	0.7	0.97	1525.3	27.5	1437.0	41.3	1455.2	13.9	1532.2	12.3	1762.6	13.1	1411.2	276.9	1261.9	201.3	1455.2	13.9	-6.1
SYH9-19	768	0.42	0.20984	0.8	3.19086	0.6	0.11165	0.6	0.17	1228.0	21.0	1238.0	33.0	1826.4	10.8	1180.0	9.2	1175.8	9.5	1345.7	80.8	1570.7	48.9	1570.7	48.9	12.6
SYH9-20	479	0.31	0.19576	0.8	2.21388	0.7	0.0824	0.6	0.48	1152.5	19.7	1185.4	84.0	1255.0	11.8	1146.3	8.9	1154.6	8.9	1149.4	75.0	1153.2	51.9	1153.2	51.9	-0.5
SYH9-21	219	0.34	0.3164	0.8	4.57838	0.9	0.10343	0.6	0.35	172.7	31.8	1745.3	50.6	1686.6	11.5	1784.2	14.2	1785.7	12.8	1705.3	102.9	1630.6	39.0	1686.6	11.5	-1.5
SYH9-22	363	0.55	0.25474	0.8	3.15299	0.8	0.08943	0.6	0.24	1462.9	25.6	1445.7	52.8	1413.4	11.8	1467.4	11.4	1509.7	11.2	1422.2	116.5	1366.6	71.6	1413.4	11.8	-1.2
SYH9-23	1106	0.27	0.22722	0.8	4.38426	0.6	0.13889	0.6	1.07	1319.9	22.8	1709.4	536.0	2213.4	10.1	1228.1	9.6	1289.1	9.9	1641.8	441.0	2101.4	235.4	2101.4	235.4	21.5
SYH9-24	1662	2.82	0.1227	1.2	9.67095	3.6	0.74694	1.2	79.20	746.1	18.5	2403.9	5.5	4823.8	16.6	88.3	9.1	1697.9	15.1	1864.0	681.7	4402.8	264.6	88.3	9.1	8.9
SYH9-25	408	0.76	0.02499	0.8	0.24988	1.0	0.07311	0.9	2.74	159.1	3.4	226.5	169.6	1017.0	18.4	154.3	2.6	148.4	2.7	48.9	256.7	212.8	154.3	2.6	8.0	
SYH9-26	61	0.50	0.36887	0.8	5.77966	1.6	0.11867	0.7	0.92	2024.1	38.1	1943.4	49.1	1936.3	12.4	2044.8	17.4	2013.2	15.1	1910.6	147.8	1806.3	47.8	1936.3	12.4	-4.2
SYH9-27	249	0.44	0.23371	0.8	2.77217	0.9	0.08503	0.6	0.26	1353.9	23.7	1348.1	3.8	1316.2	12.3	1356.9	10.6	1382.2	10.4	1317.1	81.3	1262.8	61.2	1316.2	12.3	-0.4
SYH9-28	707	0.19	0.02626	0.8	0.1792	0.9	0.04945	0.8	0.16	167.1	3.5	167.4	2.5	169.2	19.0	167.1	2.6	168.4	2.6	162.8	6.9	104.6	87.4	167.1	3.5	0.2
SYH9-29	1189	0.44	0.00519	0.8	0.04486	1.0	0.06224	1.1	1.43	33.4	2.3	44.6	140.5	682.4	23.1	32.7	2.3	32.5	2.3	35.8	41.6	234.0	126.6	32.7	2.3	9.1
SYH9-30	86	0.59	0.37189	0.8	5.67371	1.3	0.11613	0.6	0.69	2038.3	38.1	1927.4	78.6	1897.5	11.8	2066.8	17.5	2062.1	15.2	1915.5	174.7	1797.5	56.2	1897.5	11.8	-5.8
SYH9-31	289	0.36	0.30415	0.8	4.4012	0.9	0.10626	0.6	0.33	1711.9	31.0	1712.6	2.9	1736.2	11.4	1708.6	13.7	1729.7	12.6	1697.5	86.3	1685.9	37.9	1736.2	11.4	0.0
SYH9-32	1281	0.16	0.01532	0.8	0.10359	0.8	0.04896	0.8	0.15	98.0	2.7	100.1	49.5	145.9	19.8	97.9	2.4	98.5	2.4	97.5	26.2	87.4	74.1	97.9	2.4	-1.1
SYH9-33	429	0.54	0.24865	0.8	3.16173	0.8	0.09209	0.6	0.72	1431.5	25.3	1447.9	54.5	1469.2	11.8	1428.1	11.3	1445.7	11.2	1387.8	112.6	1335.0	72.1	1469.2	11.8	1.1
SYH9-34	1262	0.27	0.23009	0.8	4.44917	0.6	0.13865	0.6	1.30	1335.0	23.3	1721.5	36.7	2210.4	10.3	1243.5	9.8	1235.2	10.1	1636.9	78.6	2072.6	27.5	2072.6	27.5	21.1
SYH9-35	1853	0.34	0.18469	0.8	3.06646	0.6	0.11898	0.6	1.24	1092.5	18.8	1424.4	2.4	1941.0	10.6	1032.5	8.2	1064.7	8.6	1339.5	51.9	1781.8	34.9	1781.8	34.9	20.5
SYH9-36	3361	0.30	0.00769	0.8	0.05878	0.7	0.055	0.8	0.50	49.4	2.4	58.0	102.4	412.2	17.2	48.9	2.3	49.1	2.3	51.3	12.4	159.1	296.6	48.9	2.3	4.3
SYH9-38	362	0.73	0.00594	1.0	0.07014	1.7	0.08565	1.7	4.00	38.2	2.4	68.8	5.6	1330.3	32.8	36.3	2.3	33.0	2.3	42.9	6.4	402.5	191.3	36.3	2.3	23.1
SYH9-39	803	0.79	0.03676	0.8	0.27348	0.9	0.05363	0.8	-0.56	232.7	4.5	245.5	45.5	355.5	18.7	231.9	2.9	263.6	3.1	263.8	41.3	537.8	179.6	231.9	2.9	0.1
SYH9-41	550	0.32	0.24572	0.8	3.12735	0.7	0.09044	0.6	0.11	1416.4	25.1	1439.4	2.8	1434.8	11.6	1414.8	11.2	1440.7	10.7	1414.9	90.4	1414.8	58.8	1434.8	11.6	1.6
SYH9-42	412	0.84	0.00574	0.9	0.04103	1.9	0.05207	1.9	-0.68	36.9	2.4	40.8	98.2	288.5	43.5	36.6	2.3	42.8	2.3	45.5	41.1	512.4	193.6	36.6	2.3	5.9
SYH9-43	239	0.39	0.29654	0.8	4.1904	1.2	0.10282	0.7	0.10	1674.1	30.7	1672.1	8.4	1675.6	12.4	1673.9	13.6	1711.9	12.6	1667.2	91.1	1660.3	41.2	1675.6	12.4	-0.1
SYH9-44	876	0.60	0.06836	0.8	0.54797	0.7	0.05804	0.7	0.14	426.3	7.3	443.7	81.6	531.3	14.5	424.8	4.0	448.6	4.2	433.3	47.5	486.7	140.1	424.8	4.0	-3.0
SYH9-45	192	0.28	0.25542	0.8	3.02691	1.4	0.08697	0.7	0.29	1466.4	26.9	1414.4	24.1	1359.8	14.1	1476.0	12.0	1476.3	11.3	1398.5	66.8	1302.1	40.4	1398.5	14.1	-3.7
SYH9-46	1181	0.03	0.15547	0.8	1.70332	0.7	0.07844	0.6	0.08	931.6	16.0	1009.8	20.6	1158.0	12.3	921.7	7.4	930.4	7.3	995.3	32.0	1140.1	31.7	921.7	7.4	6.5
SYH9-47	147	0.49	0.10117	0.8	0.8019	1.3	0.05912	0.9	0.32	621.3	10.9	597.9	60.9	571.5	19.3	622.3	5.5	638.6	5.7	588.2	50.0	469.7	114.8	621.3	10.9	-3.9
SYH9-48	108	0.34	0.23134	0.8	2.4887	1.2	0.0826	0.7	0.48	1341.5	24.3	1268.8	157.													

