

Table C1 Single-grain IRSL data

Sample	Lab ID	Equivalent				Dose				Corrected		
		Disc #	Grain #	Dose [Gy]	Error	N.Signal	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
S032308-6	UW1978	1	2	640.8	34.6	50287.0	59.6	3.2	2.9	1.3	18.6	3.1
		1	3	999.4	57.4	69143.0	92.9	5.3	2.5	1.4	28.1	4.8
		1	4	680.2	51.4	7933.0	63.3	4.8	2.8	1.2	19.6	3.2
		1	6	509.1	33.7	7493.0	47.3	3.1	9.6	1.4	35.8	18.4
		1	11	1547.6	339.5	5525.0	155.8	34.2	0.5	2.0	39.3	10.2
		1	12	895.5	49.3	43083.0	90.2	5.0	3.1	2.1	28.8	7.6
		1	13	444.9	252.7	504.0	44.8	25.4	17.0	6.0	inf	-
		1	16	1380.5	225.2	21746.0	139.0	22.7	3.3	1.1	45.6	10.1
		1	18	1313.9	148.2	105644.0	132.3	14.9	2.5	2.6	40.3	12.9
		1	19	321.3	29.2	2392.0	32.4	2.9	8.8	3.0	20.6	55.4
		1	25	997.3	134.4	4586.0	107.3	14.5	-0.4	1.9	25.9	4.3
		1	29	661.6	56.6	12380.0	71.2	6.1	16.8	28.7	inf	-
		1	32	977.0	159.1	5290.0	112.4	18.3	6.0	3.3	50.5	41.0
		1	34	1806.3	372.1	259001.0	207.7	42.8	-0.3	1.6	50.2	11.3
		1	36	434.3	39.7	4533.0	49.9	4.6	9.7	1.7	38.6	30.3
		1	37	1351.7	131.3	142398.0	155.4	15.1	2.5	1.9	47.4	11.3
		1	38	760.5	40.9	237055.0	87.5	4.7	6.7	0.8	43.0	7.3
		1	40	2956.6	1118.7	14998.0	340.0	128.6	2.7	1.9	106.2	47.5
		1	42	535.6	72.9	1965.0	64.9	8.8	9.0	3.0	44.8	177.3
		1	46	1144.7	94.4	68170.0	138.7	11.4	5.0	1.3	55.5	12.7
		1	51	860.7	168.4	1912.0	109.1	21.3	6.8	3.8	54.7	100.6
		1	52	921.1	294.1	846.0	116.7	37.3	5.0	7.1	46.3	328.0
		1	55	512.9	49.6	4349.0	65.0	6.3	0.6	1.3	16.6	2.4
		1	56	707.2	48.7	7196.0	89.6	6.2	8.4	1.8	56.9	32.2
		1	61	206.3	26.7	1637.0	27.0	3.5	17.4	3.5	inf	-
		1	64	393.7	23.9	7386.0	51.5	3.1	11.2	1.8	60.0	134.5
		1	65	798.9	109.1	1757.0	104.6	14.3	11.1	4.4	136.5	285.2
		1	71	774.7	134.7	1136.0	101.4	17.6	11.0	7.5	127.1	282.6
		1	72	1148.6	263.9	6060.0	150.4	34.5	3.6	2.4	51.3	20.1
		1	73	758.3	90.4	4189.0	99.3	11.8	4.9	2.7	38.7	17.8
		1	78	157.9	34.3	310.0	20.7	4.5	37.6	9.5	inf	-
		1	82	587.1	81.2	935.0	76.9	10.6	-3.2	5.7	18.6	3.2
		1	83	967.0	60.7	21115.0	126.6	7.9	7.7	1.9	73.5	39.5
		1	84	577.9	81.9	2100.0	75.7	10.7	2.6	3.4	23.1	9.2
		1	85	392.2	23.0	10323.0	51.3	3.0	10.1	1.2	43.9	23.9
		1	86	156.6	8.0	7027.0	20.5	1.0	14.4	1.1	inf	-
		1	88	167.3	17.2	1074.0	21.9	2.2	20.7	3.7	inf	-
		1	89	998.1	265.1	1709.0	130.7	34.7	9.7	5.1	114.2	361.7
		1	91	482.9	47.1	1718.0	63.2	6.2	6.0	3.9	27.9	29.0
		1	93	1207.9	107.9	53959.0	158.1	14.1	7.2	1.1	85.3	23.2
		1	95	982.6	87.8	32405.0	128.6	11.5	5.8	1.1	56.8	12.4
		1	96	302.0	65.8	559.0	39.5	8.6	22.8	3.5	inf	-

1	97	546.9	34.2	16942.0	71.6	4.5	8.7	1.2	47.8	17.2
1	98	686.7	60.0	11686.0	89.9	7.9	4.9	1.3	35.1	7.7
2	5	270.4	26.7	2824.0	25.1	2.5	10.0	1.9	19.4	18.4
2	7	894.5	48.2	66227.0	83.2	4.5	4.2	2.2	29.9	9.2
2	8	874.0	74.0	5990.0	81.3	6.9	3.1	1.7	26.1	5.9
2	10	967.8	68.3	365838.0	90.0	6.4	2.1	0.7	26.3	3.1
2	13	1075.7	122.1	28453.0	108.3	12.3	7.7	1.9	62.5	34.0
2	14	363.4	45.8	2072.0	36.6	4.6	7.1	3.6	18.1	20.8
2	15	338.1	48.0	1443.0	34.1	4.8	6.7	2.7	15.9	9.1
2	18	1665.2	122.0	128823.0	167.7	12.3	4.1	1.1	60.1	10.4
2	20	1086.5	167.3	1935.0	109.4	16.8	-4.4	6.9	26.4	4.6
2	21	1111.5	1070.3	777.0	119.6	115.2	-4.5	5.4	28.9	27.9
2	24	324.2	18.6	10105.0	34.9	2.0	9.7	1.8	26.0	19.8
2	25	653.9	33.7	52450.0	70.4	3.6	4.9	0.9	27.2	4.0
2	29	390.2	52.7	5665.0	42.0	5.7	6.9	4.7	20.3	117.1
2	30	367.2	22.0	36243.0	39.5	2.4	7.7	1.4	21.3	6.6
2	31	825.6	37.5	20525.0	94.9	4.3	3.9	2.3	32.9	10.0
2	37	935.6	39.0	87018.0	107.6	4.5	1.9	1.7	30.8	5.6
2	38	153.6	12.9	3271.0	17.7	1.5	20.3	1.6	inf	-
2	39	778.4	68.0	113061.0	89.5	7.8	5.9	2.1	39.2	15.2
2	40	392.0	42.0	1779.0	45.1	4.8	-2.3	2.8	10.9	1.4
2	41	896.8	89.6	29200.0	108.7	10.9	-2.9	4.1	26.3	3.2
2	45	1310.6	158.0	70651.0	158.8	19.1	2.5	1.2	48.2	9.2
2	47	155.9	22.8	1015.0	18.9	2.8	12.9	2.3	32.3	49.3
2	48	680.2	59.4	244617.0	82.4	7.2	6.8	4.0	40.6	76.2
2	50	356.8	24.2	7792.0	43.2	2.9	6.1	1.1	19.1	3.8
2	52	1211.0	507.5	3061.0	153.4	64.3	-2.2	2.3	37.1	15.7
2	54	926.4	68.2	8813.0	117.4	8.6	2.7	2.0	36.2	8.7
2	55	1239.9	193.7	19188.0	157.1	24.5	5.2	1.6	64.3	19.6
2	56	363.7	18.2	13244.0	46.1	2.3	6.6	1.4	21.6	5.8
2	59	1053.3	196.4	856.0	133.5	24.9	-2.5	4.9	32.2	7.0
2	60	284.1	56.3	610.0	36.0	7.1	9.8	9.0	27.7	101.0
2	62	821.1	111.4	5523.0	107.5	14.6	4.7	2.9	40.9	20.0
2	64	890.9	84.9	13484.0	116.6	11.1	0.8	2.2	30.2	5.9
2	65	436.1	48.0	2125.0	57.1	6.3	17.1	2.7	inf	-
2	67	342.4	22.6	5411.0	44.8	3.0	9.2	1.4	31.3	15.1
2	70	780.2	30.3	33898.0	102.1	4.0	4.6	3.0	38.6	18.8
2	71	46.1	8.4	460.0	6.0	1.1	26.5	2.8	inf	-
2	72	1074.0	72.4	21555.0	140.6	9.5	-2.7	2.1	34.0	3.1
2	73	682.2	75.4	5367.0	89.3	9.9	1.6	1.6	24.8	5.0
2	74	1002.4	96.2	65255.0	131.2	12.6	1.9	1.3	37.7	6.6
2	75	414.8	37.9	2732.0	54.3	5.0	9.7	2.5	42.7	146.6
2	77	723.3	167.8	657.0	94.7	22.0	13.9	6.6	inf	-
2	81	374.8	63.2	1920.0	49.1	8.3	11.0	3.0	52.5	131.9
2	83	1361.6	285.4	221339.0	178.2	37.4	2.6	1.2	54.9	13.9
2	84	1226.2	196.4	72835.0	160.5	25.7	2.8	2.7	50.5	18.6
2	89	626.9	41.3	138875.0	82.1	5.4	5.5	0.9	34.3	5.5

2	90	201.4	17.9	1042.0	26.4	2.3	14.7	2.7	inf	-
2	91	185.9	11.0	3217.0	24.3	1.4	14.3	1.5	inf	-
2	92	146.3	429.4	69.0	19.1	56.2	37.2	49.5	inf	-
2	93	1014.1	249.3	24300.0	132.7	32.6	5.3	2.7	54.7	30.1
2	94	379.2	18.0	16896.0	49.6	2.4	12.9	1.3	181.8	120.3
2	96	287.4	141.1	90.0	37.6	18.5	152.4	179.8	inf	-
2	98	536.5	33.8	8398.0	70.2	4.4	7.0	1.8	35.3	13.7
2	100	618.9	89.4	926.0	81.0	11.7	21.1	4.4	inf	-
1	4	220.6	22.7	1858.0	18.4	1.9	12.4	4.2	24.9	49.9
1	7	692.6	100.5	1618.0	57.9	8.4	-2.7	5.1	14.0	2.5
1	12	1015.1	124.9	6991.0	91.9	11.3	1.9	3.4	26.2	9.1
1	13	448.8	62.7	1459.0	40.6	5.7	5.3	3.6	16.1	10.8
1	21	502.6	50.9	3491.0	48.6	4.9	1.4	3.2	13.2	3.7
1	25	724.3	37.6	98223.0	70.0	3.6	2.7	2.4	21.5	5.9
1	26	184.5	42.5	410.0	17.8	4.1	15.7	5.0	inf	-
1	32	879.6	106.8	38147.0	90.9	11.0	0.3	4.1	22.4	6.5
1	42	249.1	510.4	332.0	27.1	55.6	9.8	18.4	20.1	86.6
1	52	432.1	121.8	627.0	49.2	13.9	-1.0	3.8	11.9	3.7
1	53	1155.3	360.5	803.0	131.6	41.1	1.4	5.1	35.9	20.8
1	72	737.5	181.3	780.0	86.8	21.3	3.7	8.0	29.5	243.8
1	74	549.7	48.4	3053.0	64.7	5.7	1.7	3.7	18.0	6.1
1	84	726.9	135.5	1139.0	85.6	15.9	3.3	5.1	27.9	21.9
1	85	360.6	40.6	2038.0	42.4	4.8	2.2	5.4	12.3	7.5
1	94	163.7	16.6	921.0	19.3	2.0	12.8	4.6	31.3	52.3
1	95	331.2	66.9	659.0	39.0	7.9	16.4	5.0	inf	-
2	4	1248.7	144.2	65175.0	104.4	12.1	3.5	2.4	34.8	11.3
2	9	1122.8	135.1	2284.0	93.9	11.3	1.7	6.1	26.3	18.7
2	11	496.4	29.0	35537.0	44.9	2.6	8.7	3.9	28.7	123.8
2	13	1161.8	98.5	74892.0	105.1	8.9	2.7	1.6	32.5	6.7
2	14	302.9	64.5	474.0	27.4	5.8	21.0	9.5	inf	-
2	17	268.9	26.4	3815.0	24.3	2.4	14.7	4.0	inf	-
2	22	925.9	116.6	14738.0	89.5	11.3	9.7	2.2	74.4	240.4
2	23	729.5	243.7	579.0	70.5	23.6	22.2	6.3	inf	-
2	25	628.1	49.3	6770.0	60.7	4.8	9.4	2.3	45.2	164.1
2	28	798.8	61.1	59535.0	77.2	5.9	6.5	1.0	36.7	7.4
2	31	707.3	71.6	16906.0	73.1	7.4	6.6	1.3	34.8	9.0
2	33	646.4	89.5	68399.0	66.8	9.2	2.9	1.5	20.8	4.6
2	34	1179.8	110.2	166994.0	121.9	11.4	5.7	2.1	52.4	19.8
2	36	409.1	31.4	6229.0	42.3	3.2	10.3	1.7	37.1	54.5
2	42	721.3	162.0	2159.0	78.6	17.6	4.5	2.9	29.0	13.9
2	48	1321.5	104.2	45061.0	143.9	11.3	2.0	1.1	41.6	6.2
2	54	1331.0	196.4	18674.0	151.6	22.4	5.6	3.4	65.6	53.0
2	55	446.2	56.6	4101.0	50.8	6.5	15.4	2.8	inf	-
2	66	655.9	366.9	471.0	77.2	43.2	3.2	7.1	25.0	47.1
2	73	317.4	38.0	1713.0	37.4	4.5	4.3	3.2	13.4	6.3
2	77	528.8	122.0	953.0	62.2	14.4	10.5	3.9	60.6	169.9
2	78	321.6	27.6	2630.0	37.9	3.2	6.4	2.3	17.2	7.6

2	80	658.4	46.3	24430.0	77.5	5.5	14.1	9.3	inf	-
2	85	1309.1	110.3	86827.0	154.1	13.0	4.8	1.7	60.2	16.7
2	88	642.8	79.5	997.0	75.7	9.4	5.5	4.6	31.4	41.7
2	95	680.9	92.5	7290.0	80.1	10.9	2.5	2.2	24.3	6.7
2	100	826.0	142.6	3970.0	97.2	16.8	3.4	3.8	32.2	17.5
1	1	338.7	29.2	5420.0	27.5	2.4	11.6	4.1	31.8	74.6
1	4	1057.5	161.1	2053.0	85.9	13.1	10.4	5.4	85.3	236.8
1	17	2082.0	280.4	9354.0	183.2	22.8	-3.0	2.6	44.3	6.2
1	20	2402.1	1179.5	23917.0	211.3	95.8	0.6	4.1	53.8	29.3
1	21	391.7	46.7	1917.0	36.8	4.4	10.4	3.3	32.1	99.9
1	35	1082.2	93.9	60329.0	108.2	9.4	6.5	0.9	51.7	10.0
1	44	1363.0	204.2	9222.0	144.3	20.4	5.3	1.9	59.6	20.2
1	45	515.5	85.7	2110.0	54.6	8.6	12.9	3.0	inf	-
1	48	964.5	97.6	5828.0	102.1	9.8	3.1	3.3	32.7	13.8
1	52	455.5	86.7	1005.0	50.4	9.6	15.4	4.4	inf	-
1	55	820.8	123.7	1750.0	90.9	13.7	15.4	4.7	inf	-
1	57	312.8	50.2	870.0	34.6	5.6	15.1	2.4	inf	-
1	60	222.1	27.6	977.0	24.6	3.1	7.0	5.8	11.8	68.8
1	62	961.6	220.5	1758.0	109.6	25.1	10.1	4.7	104.3	301.9
1	63	954.8	59.2	106624.0	108.9	6.7	4.3	2.3	39.7	13.3
1	65	1329.7	189.6	5546.0	151.6	21.6	4.1	5.4	54.1	66.6
1	66	1609.0	240.9	56552.0	183.4	27.5	0.8	2.2	47.4	10.6
1	68	1371.1	240.4	33137.0	156.3	27.4	1.5	4.9	42.9	21.4
1	71	1553.2	198.4	240873.0	177.1	22.6	4.0	3.7	63.2	39.2
1	77	730.2	102.3	6401.0	83.2	11.7	6.6	2.7	39.9	25.9
1	78	1193.8	146.0	24183.0	136.1	16.6	15.9	8.8	inf	-
1	79	609.9	185.9	617.0	69.5	21.2	6.5	5.7	32.5	195.0
1	83	538.5	49.9	3727.0	61.4	5.7	2.6	1.5	18.6	3.7
1	88	1419.5	274.8	14438.0	161.8	31.3	6.0	5.1	73.9	453.3
1	91	1050.7	164.5	3848.0	119.8	18.8	10.3	4.8	124.2	329.2
1	92	1195.2	196.5	6726.0	136.3	22.4	14.4	8.4	inf	-
1	94	501.0	63.3	5936.0	57.1	7.2	17.4	9.2	inf	-
1	95	631.5	58.5	6780.0	72.0	6.7	4.9	4.5	27.8	26.3
1	96	737.6	126.2	2082.0	84.1	14.4	16.0	9.5	inf	-
2	1	654.9	135.4	680.0	53.2	11.0	25.1	15.0	inf	-
2	6	626.7	56.0	8885.0	50.9	4.5	-7.3	11.0	12.3	1.3
2	12	377.3	63.7	975.0	33.2	5.2	-27.3	12.2	8.0	1.3
2	22	772.7	205.9	495.0	72.6	19.3	-10.6	15.5	17.5	4.8
2	23	307.2	35.7	1657.0	28.9	3.4	-32.8	33.3	7.0	0.9
2	25	213.4	35.6	1851.0	20.0	3.3	-43.9	40.6	inf	-
2	31	383.1	38.8	2720.0	38.3	3.9	-41.3	31.5	9.3	1.1

Sample	Lab ID	Disc #	Equivalent		N.Signal	Dose			Corrected			
			Grain #	Dose [Gy]		Error	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
S032508-13	UW1980	3	1	694.3	36.9	16482.0	64.6	3.4	-1.7	1.5	15.0	1.2
		3	3	896.5	306.9	830.0	83.4	28.5	2.4	14.3	23.9	224.9
		3	9	253.8	53.6	628.0	23.6	5.0	21.2	6.2	inf	-

3	28	323.1	27.6	3797.0	34.8	3.0	2.6	3.6	10.1	3.9
3	30	257.0	16.8	6223.0	27.7	1.8	19.4	7.0	inf	-
3	48	11.6	9.4	273.0	1.4	1.1	7.0	3.6	0.6	0.5
3	50	82.2	22.9	1035.0	10.0	2.8	17.5	4.0	inf	-
3	51	5.8	3.4	232.0	0.7	0.4	1.8	2.8	0.2	0.1
3	55	288.5	21.8	7089.0	36.6	2.8	4.1	1.7	12.2	2.8
3	59	55.4	16.2	698.0	7.0	2.1	-1.5	4.3	1.6	0.5
3	61	19.8	2.5	557.0	2.6	0.3	11.9	4.1	2.0	5.3
3	62	1.5	10.6	256.0	0.2	1.4	5.0	6.1	0.1	0.4
3	65	210.5	17.2	3657.0	27.6	2.3	12.3	1.7	38.7	67.8
3	67	191.9	25.5	1729.0	25.1	3.3	-0.4	3.1	5.8	1.1
3	76	15.8	0.8	6749.0	2.1	0.1	0.9	1.3	0.5	0.1
3	77	7.9	3.1	195.0	1.0	0.4	11.4	2.6	0.6	0.6
3	81	63.5	39.5	85.0	8.3	5.2	9.6	3.9	5.0	17.4
3	83	182.6	9.5	16756.0	23.9	1.2	2.2	1.3	6.7	1.0
3	90	55.6	38.4	440.0	7.3	5.0	15.9	7.4	inf	-
3	91	176.1	33.7	275.0	23.1	4.4	1.4	4.7	6.0	2.6
3	96	144.8	19.3	526.0	19.0	2.5	2.5	5.3	5.4	3.1
4	30	284.6	25.2	2983.0	30.6	2.7	9.4	5.0	20.4	81.3
4	52	93.7	39.1	760.0	11.9	5.0	6.3	6.2	4.8	32.1
4	60	1753.6	517.4	2246.0	222.2	65.6	-0.6	6.4	51.5	25.8
4	63	221.1	11.1	32488.0	28.9	1.5	11.5	1.7	30.9	72.5
4	67	20.3	3.0	728.0	2.7	0.4	7.2	2.4	1.1	0.4
4	70	18.4	8.1	349.0	2.4	1.1	3.7	3.9	0.7	0.4
4	77	85.1	17.5	1008.0	11.1	2.3	5.7	2.4	4.3	1.7
4	87	358.9	38.6	3301.0	47.0	5.1	10.4	4.3	40.3	123.6
4	89	233.5	58.5	742.0	30.6	7.7	7.3	4.6	14.8	81.8
4	96	241.5	58.6	752.0	31.6	7.7	-0.4	4.9	7.3	2.5
4	100	2.7	3.3	307.0	0.4	0.4	9.9	4.5	0.2	0.3
3	14	92.1	170.1	479.0	8.3	15.4	12.0	15.6	8.0	23.0
3	18	598.5	117.7	886.0	54.2	10.7	9.6	9.6	40.1	146.2
3	35	29.6	11.3	453.0	3.1	1.2	6.7	6.3	1.2	3.5
3	46	821.9	90.1	25807.0	89.5	9.8	6.7	2.4	41.7	22.4
3	47	94.2	10.3	1772.0	10.3	1.1	17.1	6.2	inf	-
3	56	376.0	25.6	7841.0	42.8	2.9	4.8	5.9	15.6	29.8
3	66	365.2	42.3	6357.0	43.0	5.0	10.8	1.5	40.8	108.1
3	78	538.9	62.5	71463.0	63.4	7.4	0.8	1.0	15.8	2.5
3	81	463.1	66.9	1938.0	54.5	7.9	2.3	4.0	15.4	6.7
3	82	1184.9	81.5	33036.0	139.5	9.6	6.1	1.5	61.5	18.2
3	87	456.2	67.7	2572.0	53.7	8.0	9.3	2.5	36.9	139.9
4	6	652.7	259.0	1413.0	54.6	21.6	7.5	9.1	27.9	147.5
4	10	265.7	27.2	7393.0	22.2	2.3	20.7	4.7	inf	-
4	12	1190.1	152.8	13591.0	107.7	13.8	11.2	1.4	144.2	264.1
4	19	624.9	43.3	25817.0	56.6	3.9	9.8	2.6	43.6	146.6
4	24	662.3	216.5	643.0	64.0	20.9	7.5	4.4	32.9	171.1
4	25	416.9	30.2	8307.0	40.3	2.9	14.7	2.1	inf	-
4	26	221.6	22.5	3036.0	21.4	2.2	17.9	3.8	inf	-

4	27	297.8	27.3	5500.0	28.8	2.6	20.6	4.9	inf	-
4	28	1229.7	233.8	2587.0	118.9	22.6	4.2	3.2	41.2	21.9
4	32	321.9	30.4	3917.0	33.3	3.1	3.3	1.5	10.2	2.0
4	38	585.2	40.1	5885.0	60.4	4.1	3.0	2.0	18.3	4.5
4	41	437.9	85.8	1565.0	47.7	9.3	18.6	4.3	inf	-
4	44	459.1	36.7	28079.0	50.0	4.0	5.5	2.1	19.6	6.7
4	46	604.6	155.2	1147.0	65.8	16.9	-0.4	6.2	15.3	6.9
4	49	189.6	20.8	2472.0	20.6	2.3	21.9	2.7	inf	-
4	50	301.4	21.2	17626.0	32.8	2.3	23.8	5.1	inf	-
4	67	297.3	28.1	4744.0	35.0	3.3	11.4	1.4	37.9	86.9
4	68	1115.3	145.2	4845.0	131.3	17.1	6.4	3.0	60.1	46.8
4	71	322.8	26.3	15153.0	38.0	3.1	14.0	4.5	inf	-
4	77	239.0	19.4	3892.0	28.1	2.3	13.3	1.7	86.6	67.7
4	78	225.5	18.5	11214.0	26.5	2.2	15.1	3.9	inf	-
4	80	436.8	44.2	4755.0	51.4	5.2	11.9	2.2	76.2	128.8
4	84	915.7	59.2	180834.0	107.8	7.0	3.2	0.9	33.6	4.7
4	89	176.2	55.7	153.0	20.7	6.6	21.9	4.5	inf	-
4	93	764.7	103.7	7725.0	90.0	12.2	2.3	2.1	25.6	6.8
4	94	518.1	53.8	2822.0	61.0	6.3	-1.2	3.0	14.1	2.0
4	95	521.8	45.1	9987.0	61.4	5.3	11.1	2.4	68.6	156.3
1	3	1479.9	289.5	6657.0	120.9	23.7	11.7	3.0	217.4	310.2
1	5	339.1	32.8	19614.0	27.7	2.7	1.6	2.1	7.3	1.5
1	26	316.7	128.9	380.0	29.9	12.2	19.4	8.5	inf	-
1	32	3120.0	775.3	18572.0	315.1	78.3	5.5	1.4	130.2	44.8
1	33	228.4	37.7	1272.0	23.1	3.8	13.7	3.8	inf	-
1	37	1522.4	177.5	12505.0	153.8	17.9	1.6	1.2	41.1	7.4
1	43	588.2	80.7	2393.0	62.6	8.6	6.2	1.8	27.1	9.8
1	45	2303.3	437.7	159438.0	245.3	46.6	-0.1	2.5	56.9	13.4
1	47	1044.3	432.2	574.0	111.2	46.0	6.1	10.2	48.2	300.5
1	49	1513.8	371.2	6687.0	161.2	39.5	7.0	1.7	81.5	37.5
1	53	1356.7	137.2	9937.0	151.0	15.3	12.1	1.6	477.6	363.9
1	55	673.0	160.3	1548.0	74.9	17.8	13.8	3.0	inf	-
1	56	1581.5	173.9	50749.0	176.0	19.4	4.2	1.4	61.4	14.2
1	60	416.6	53.5	2380.0	46.4	6.0	13.7	1.9	inf	-
1	62	1119.7	293.3	6077.0	152.4	39.9	8.0	1.4	89.9	42.5
1	63	145.7	65.4	144.0	19.8	8.9	3.6	5.7	6.3	6.0
1	65	1346.1	154.3	14551.0	183.2	21.0	3.4	1.4	58.5	12.3
1	68	1725.8	308.8	12850.0	234.9	42.0	2.9	2.5	71.2	25.0
1	70	1069.3	95.2	14975.0	145.5	13.0	0.8	1.9	36.1	6.1
1	71	1012.3	104.4	29849.0	137.8	14.2	7.6	1.4	75.6	28.4
1	73	651.8	79.0	6905.0	88.7	10.8	1.1	3.0	22.7	6.0
1	74	313.0	36.0	1195.0	42.6	4.9	11.4	2.2	47.6	108.0
1	75	426.2	29.5	17995.0	58.0	4.0	8.2	1.6	33.1	13.7
1	76	622.6	46.1	13538.0	84.7	6.3	4.2	1.2	29.2	5.3
1	77	566.5	226.1	1215.0	77.1	30.8	8.5	3.6	47.6	204.4
1	80	945.8	188.1	2463.0	128.7	25.6	5.1	4.6	49.8	61.7
1	82	441.2	58.2	2761.0	60.0	7.9	13.7	1.8	inf	-

1	83	342.8	24.9	30204.0	46.7	3.4	-0.4	0.8	10.8	1.1
1	84	2293.3	587.4	4746.0	312.1	79.9	5.9	2.9	136.4	97.0
1	85	310.6	19.9	5362.0	42.3	2.7	13.4	1.2	inf	-
1	87	1598.9	599.5	2177.0	217.6	81.6	17.9	5.2	inf	-
1	88	1706.4	368.2	10091.0	232.2	50.1	1.2	1.9	59.7	16.3
1	89	73.5	56.1	474.0	10.0	7.6	0.2	3.9	2.4	1.9
1	93	221.6	24.4	1890.0	30.2	3.3	15.4	1.5	inf	-
1	97	386.5	32.4	7649.0	52.6	4.4	12.1	3.0	84.4	133.9
1	100	1457.8	199.3	103315.0	198.4	27.1	-0.5	2.5	46.0	8.2
2	4	1347.0	134.3	284667.0	110.1	11.0	4.7	1.3	40.5	9.1
2	5	495.5	34.9	12075.0	40.5	2.8	2.1	1.1	11.3	1.6
2	7	430.0	45.3	5071.0	35.1	3.7	10.1	1.5	27.0	17.9
2	8	887.8	61.3	21448.0	72.5	5.0	9.5	2.1	53.7	104.7
2	11	571.9	102.3	18860.0	50.6	9.0	2.5	1.8	14.6	3.9
2	14	195.2	17.3	2529.0	17.3	1.5	7.4	3.0	8.2	5.8
2	16	941.8	136.0	5687.0	83.4	12.0	1.7	4.4	22.3	9.7
2	20	292.9	186.3	129.0	25.9	16.5	-5.8	9.4	6.0	3.9
2	22	906.7	116.5	4743.0	85.7	11.0	9.7	2.1	68.4	220.7
2	25	1078.3	221.9	1523.0	101.9	21.0	9.3	3.8	74.8	268.6
2	27	1129.6	171.9	4051.0	106.7	16.2	4.1	5.1	36.5	38.2
2	28	698.4	84.4	3877.0	66.0	8.0	11.4	3.0	82.9	169.5
2	32	497.8	50.3	7988.0	50.3	5.1	3.3	2.7	15.6	5.4
2	39	1457.7	179.3	37889.0	147.2	18.1	3.8	1.6	48.9	11.9
2	40	1706.8	284.5	1828.0	172.4	28.7	-1.8	3.1	40.0	7.4
2	44	499.5	42.1	6304.0	53.2	4.5	8.8	2.4	33.3	37.2
2	51	1354.7	221.1	14997.0	150.8	24.6	-0.6	1.4	35.0	6.2
2	53	1220.9	118.9	59062.0	135.9	13.2	2.7	1.9	40.2	9.9
2	54	1173.7	341.1	4217.0	130.6	38.0	1.9	2.4	36.0	13.6
2	63	1418.3	266.7	19174.0	193.0	36.3	4.0	1.2	66.2	17.0
2	71	547.5	51.4	5593.0	74.5	7.0	6.5	1.5	33.7	10.2
2	73	1381.2	125.3	65068.0	188.0	17.1	4.2	1.4	65.4	14.8
2	75	925.9	154.0	3254.0	126.0	21.0	2.5	2.7	36.5	12.7
2	80	723.6	122.1	2024.0	98.5	16.6	8.4	2.5	61.1	73.2
2	82	851.0	70.9	15010.0	115.8	9.7	5.5	1.4	46.7	11.8
2	83	1397.5	190.5	164856.0	190.2	25.9	2.7	1.6	56.4	13.3
2	84	1001.4	78.9	20002.0	136.3	10.7	5.6	1.4	56.0	13.8
2	85	916.2	69.8	42326.0	124.7	9.5	5.2	1.6	48.8	13.2
2	87	438.2	45.7	3501.0	59.6	6.2	5.3	1.8	23.1	6.9
2	95	861.4	102.8	6556.0	117.2	14.0	4.7	2.7	43.1	18.9
2	96	1809.8	197.5	50022.0	246.3	26.9	6.1	1.1	110.4	26.0
2	97	990.9	129.5	23281.0	134.9	17.6	4.5	1.6	48.7	13.1
2	99	788.2	100.2	4358.0	107.3	13.6	7.7	3.0	58.7	78.6
3	2	1547.3	608.3	540.0	125.6	49.4	1.5	7.9	33.1	43.0
3	3	1330.3	253.6	2924.0	108.0	20.6	1.0	2.5	27.3	7.4
3	8	319.5	40.8	1752.0	25.9	3.3	16.1	2.7	inf	-
3	10	678.7	68.9	2818.0	55.1	5.6	9.7	3.6	41.6	144.6
3	11	665.5	124.7	1724.0	58.6	10.1	10.6	6.0	55.0	155.7

3	15	2045.3	439.0	18773.0	179.9	35.6	-2.3	2.9	41.7	8.7
3	16	1491.4	245.5	2968.0	131.2	19.9	14.6	1.6	inf	-
3	19	264.4	33.6	1486.0	23.3	2.7	26.2	11.4	inf	-
3	25	481.0	38.2	15709.0	45.2	3.6	9.3	1.5	31.0	17.1
3	33	1787.8	346.4	24252.0	178.8	34.6	5.8	3.0	76.5	53.1
3	35	1164.1	130.0	11691.0	116.4	13.0	2.5	1.5	33.8	7.1
3	39	1030.4	100.8	38208.0	103.0	10.1	10.6	3.9	106.4	269.0
3	51	1332.4	166.3	13995.0	147.5	18.4	21.0	5.6	inf	-
3	53	412.3	32.3	6522.0	45.6	3.6	15.1	2.1	inf	-
3	56	329.5	25.5	7247.0	36.5	2.8	12.7	2.0	71.8	89.8
3	57	710.7	102.0	2600.0	78.7	11.3	6.8	4.2	37.2	89.5
3	59	1382.4	559.7	668.0	153.0	62.0	5.2	10.3	60.0	413.3
3	62	708.0	85.6	8518.0	80.7	9.8	10.0	2.8	68.8	209.1
3	64	657.6	45.8	19375.0	75.0	5.2	13.2	1.4	inf	-
3	72	661.9	409.1	232.0	75.5	46.6	3.4	6.5	23.8	35.3
3	73	2091.7	458.2	51304.0	238.5	52.2	6.8	1.6	117.5	48.6
3	74	1369.8	200.6	9080.0	156.2	22.9	1.7	3.6	42.1	15.5
3	75	1025.1	112.5	11565.0	116.9	12.8	16.8	2.4	inf	-
3	76	593.0	91.0	2336.0	67.6	10.4	-3.9	3.3	15.7	2.6
3	77	478.5	70.9	1704.0	54.5	8.1	9.5	2.9	39.3	142.5
3	79	739.2	106.9	6898.0	84.3	12.2	5.2	4.1	32.5	29.8
3	81	353.8	31.7	4492.0	40.3	3.6	12.5	4.1	74.0	104.4
3	88	280.8	26.4	2894.0	32.0	3.0	11.5	2.6	35.1	81.8
3	89	632.7	55.0	7744.0	72.1	6.3	8.3	10.5	42.5	194.5
3	92	427.9	63.3	1825.0	48.8	7.2	8.3	3.2	27.9	67.7
3	97	2028.8	788.2	17167.0	231.3	89.8	3.0	2.3	70.9	34.1
3	99	1390.2	161.8	25587.0	158.5	18.4	9.0	4.3	115.6	419.0
4	1	1159.3	118.7	5236.0	94.1	9.6	9.5	3.5	71.6	246.7
4	4	1230.1	187.3	3424.0	99.9	15.2	4.0	2.7	33.6	13.3
4	5	166.1	57.8	747.0	13.5	4.7	4.7	2.9	4.7	2.4
4	6	375.4	58.7	1244.0	30.5	4.8	13.4	3.5	inf	-
4	7	1467.2	133.7	38362.0	119.1	10.9	2.0	2.4	33.1	8.8
4	11	644.1	86.1	3899.0	56.7	7.0	14.8	2.9	inf	-
4	14	777.2	192.2	569.0	68.4	15.6	8.2	3.9	39.6	181.5
4	17	1147.3	94.6	41834.0	100.9	7.7	5.5	2.9	40.6	21.9
4	18	659.3	39.3	92662.0	58.0	3.2	4.1	1.8	19.5	4.8
4	19	412.9	119.1	249.0	36.3	9.7	-7.9	8.0	8.4	2.3
4	20	316.2	20.1	12263.0	27.8	1.6	1.7	3.4	7.4	2.2
4	21	759.7	83.3	4422.0	71.4	7.8	10.3	2.3	63.8	183.3
4	23	134.8	85.7	364.0	12.7	8.1	68.3	32.9	inf	-
4	25	781.2	66.0	7043.0	73.4	6.2	15.3	6.4	inf	-
4	30	490.4	45.4	5947.0	46.1	4.3	7.3	3.7	22.6	32.9
4	33	589.4	39.2	46260.0	58.9	3.9	3.3	1.4	18.4	3.4
4	34	713.0	111.1	2429.0	71.3	11.1	9.7	3.9	54.8	187.6
4	35	745.9	80.2	10393.0	74.6	8.0	9.6	2.0	57.5	123.8
4	36	1635.2	146.1	27219.0	163.5	14.6	4.2	2.6	57.3	23.0
4	43	263.0	38.6	1179.0	27.9	3.9	16.9	2.4	inf	-

4	49	236.1	29.2	4102.0	25.0	2.9	12.7	4.7	40.1	65.2
4	52	964.1	73.5	87681.0	106.7	8.1	13.3	3.5	inf	-
4	53	1380.3	143.0	5170.0	152.8	15.8	2.9	3.1	46.3	18.3
4	54	1760.9	180.0	35061.0	194.9	19.9	1.9	3.9	53.8	22.0
4	57	630.1	53.0	8251.0	69.7	5.9	8.0	1.2	39.3	12.6
4	58	1378.1	113.4	27164.0	152.6	12.6	0.2	1.8	36.1	5.2
4	59	1548.7	173.1	20805.0	171.4	19.2	1.3	1.9	44.6	9.2
4	61	417.3	26.8	25545.0	47.6	3.1	9.2	2.7	31.9	124.3
4	62	739.8	69.3	9937.0	84.3	7.9	20.2	3.6	inf	-
4	64	399.7	25.0	14076.0	45.6	2.8	8.9	1.5	28.7	13.2
4	65	248.7	20.4	3839.0	28.3	2.3	11.2	2.4	27.4	72.5
4	67	536.3	49.0	5364.0	61.1	5.6	5.4	2.4	24.0	9.6
4	68	328.5	18.6	14183.0	37.4	2.1	7.9	1.7	19.8	7.7
4	69	968.9	83.3	13604.0	110.5	9.5	5.8	2.5	46.4	22.9
4	70	257.7	81.6	481.0	29.4	9.3	20.2	7.7	inf	-
4	71	1161.9	191.0	162218.0	132.5	21.8	3.5	2.1	42.5	13.5
4	72	1381.1	208.7	6616.0	157.4	23.8	4.0	4.2	53.8	39.6
4	73	277.7	41.0	1845.0	31.7	4.7	-0.4	3.9	7.3	1.7
4	78	1169.4	95.9	134413.0	133.3	10.9	3.0	1.6	40.8	8.6
4	80	698.9	99.6	66590.0	79.7	11.4	13.9	5.8	inf	-
4	88	999.9	73.2	32396.0	114.0	8.3	3.5	3.4	36.8	17.7
4	90	181.2	54.5	351.0	20.7	6.2	8.0	6.1	10.6	55.5
4	94	370.3	35.7	2680.0	42.2	4.1	18.6	2.6	inf	-
4	95	894.1	86.3	16017.0	101.9	9.8	2.8	1.9	30.5	7.3
4	96	209.9	38.1	1308.0	23.9	4.3	-5.4	7.5	5.5	1.1
4	98	640.1	65.4	4050.0	73.0	7.5	3.4	4.5	22.9	14.5
4	100	1137.0	102.3	38752.0	129.6	11.7	8.1	4.6	76.9	345.1

Sample	Lab ID	Disc #	Grain #	Equivalent		N.Signal	Dose			Corrected		
				Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
S032508-17	UW1981	5	1	1000.8	120.2	2130.0	83.7	10.1	9.0	3.9	60.6	231.7
		5	3	1055.3	126.1	2635.0	88.2	10.5	-1.0	4.0	21.5	4.2
		5	11	647.9	95.7	1013.0	58.6	8.7	4.8	5.4	22.4	31.8
		5	16	495.8	112.1	491.0	44.9	10.1	3.5	9.9	14.9	127.0
		5	17	1477.7	348.4	3189.0	133.7	31.5	8.9	3.4	98.0	369.6
		5	21	566.2	119.6	338.0	54.8	11.6	-3.4	8.6	13.3	4.1
		5	36	497.6	69.4	1359.0	51.4	7.2	4.5	7.8	19.0	145.4
		5	38	566.7	48.9	8373.0	58.5	5.0	3.1	6.3	18.8	20.7
		5	51	271.8	110.4	102.0	31.0	12.6	4.5	9.8	11.3	87.7
		5	64	569.6	125.9	634.0	67.0	14.8	19.7	4.4	inf	-
		5	65	98.4	16.2	702.0	11.6	1.9	3.0	3.1	3.6	1.3
		5	74	1051.5	159.3	1665.0	123.8	18.7	0.6	4.8	31.8	12.5
		5	93	218.9	45.5	215.0	25.8	5.4	37.1	10.4	inf	-
		6	1	867.5	95.7	3989.0	72.5	8.0	-5.7	3.6	17.7	2.3
6	5	743.0	64.2	4033.0	62.1	5.4	-1.2	1.9	15.1	1.7		
6	6	119.1	18.8	918.0	10.0	1.6	5.8	3.4	4.0	2.3		
6	9	1216.2	132.9	14215.0	101.7	11.1	3.6	3.2	34.5	15.5		

6	12	139.7	20.1	769.0	12.6	1.8	0.6	3.0	3.2	0.8
6	13	332.6	33.0	1825.0	30.1	3.0	11.8	3.2	38.4	81.3
6	18	599.0	82.2	1310.0	54.2	7.4	1.4	5.2	14.9	7.4
6	20	1493.1	226.4	19153.0	135.1	20.5	2.3	2.9	40.6	14.0
6	26	935.3	100.9	40370.0	90.4	9.8	0.3	2.3	22.6	4.1
6	29	793.3	132.2	1188.0	76.7	12.8	-3.9	4.1	18.7	3.3
6	32	1753.9	494.6	4602.0	181.2	51.1	-2.5	2.6	44.1	12.8
6	42	184.3	32.2	502.0	20.1	3.5	3.1	6.1	6.3	5.4
6	44	1318.4	156.2	5917.0	143.6	17.0	3.1	3.3	46.8	20.7
6	47	597.4	107.3	1699.0	65.1	11.7	-1.5	3.8	15.8	3.4
6	53	923.8	109.4	10049.0	105.2	12.5	3.2	4.0	34.4	19.0
6	54	674.8	76.3	7181.0	76.9	8.7	2.6	3.2	23.7	8.9
6	56	903.5	136.9	4216.0	102.9	15.6	6.5	3.4	49.8	49.1
6	64	710.8	64.6	4482.0	83.7	7.6	7.5	3.4	46.0	76.3
6	66	673.3	70.1	2242.0	79.3	8.3	-4.6	3.6	19.3	2.4
6	71	226.5	37.6	857.0	26.7	4.4	1.1	4.4	7.1	2.6
6	72	1004.0	389.5	147.0	118.2	45.8	-3.2	5.6	28.8	11.5
6	73	1143.7	599.3	802.0	134.6	70.5	1.6	4.5	37.8	25.7
6	74	849.0	126.9	2997.0	99.9	14.9	-2.0	5.2	24.3	5.2
6	75	825.8	123.7	4330.0	97.2	14.6	0.4	2.7	24.4	5.5
6	78	1491.9	387.6	2222.0	175.6	45.6	1.6	4.4	49.4	24.8
6	79	1087.7	210.5	4796.0	128.0	24.8	1.5	3.4	35.7	12.7
6	80	1171.2	266.7	641.0	137.9	31.4	5.5	5.2	58.6	166.0
6	85	1128.3	174.4	8091.0	132.8	20.5	1.9	3.5	38.3	14.5
6	87	1114.5	142.7	25354.0	131.2	16.8	3.4	3.1	43.9	19.4
6	88	1058.2	192.9	707.0	124.6	22.7	-4.6	6.9	30.3	6.0
6	90	552.9	96.1	1440.0	65.1	11.3	5.0	6.7	25.7	184.2
6	94	648.7	268.7	298.0	76.3	31.6	-4.9	15.0	18.6	12.1
6	95	90.3	76.0	24.0	10.6	8.9	0.1	37.3	2.6	23.7
13	1	859.2	177.3	688.0	71.5	14.8	4.4	8.5	26.4	202.3
13	15	210.7	15.3	3893.0	19.0	1.4	2.9	3.7	5.9	2.4
13	29	467.7	41.5	5970.0	45.0	4.0	5.6	2.3	18.7	7.2
13	30	395.8	41.8	2102.0	38.1	4.0	9.2	6.8	26.2	107.1
13	32	797.1	55.8	63321.0	82.0	5.7	-2.2	3.3	20.0	2.0
13	36	169.4	14.7	2080.0	17.4	1.5	17.7	1.5	inf	-
13	39	212.8	43.8	320.0	21.9	4.5	31.8	5.3	inf	-
13	41	330.7	75.4	660.0	35.9	8.2	2.7	5.2	11.1	7.4
13	44	846.2	102.1	2439.0	91.8	11.1	8.0	3.1	55.1	106.7
13	48	116.4	26.1	569.0	12.6	2.8	4.1	3.4	4.3	2.1
13	50	312.0	23.4	7019.0	33.8	2.5	5.4	1.6	13.6	3.5
13	56	568.3	45.8	4492.0	64.4	5.2	1.8	3.5	18.3	6.0
13	59	1331.4	80.7	16144.0	150.9	9.1	1.4	5.9	41.7	27.1
13	63	592.9	66.2	1711.0	69.4	7.8	6.4	5.2	32.6	195.7
13	76	548.4	33.6	25223.0	64.2	3.9	14.5	2.1	inf	-
13	78	145.3	96.3	62.0	17.0	11.3	14.3	8.9	inf	-
13	88	219.5	61.8	255.0	25.7	7.2	9.1	4.9	16.9	71.8
14	2	528.9	254.2	109.0	44.0	21.2	-15.6	13.2	10.7	5.2

14	6	510.4	50.9	2374.0	42.5	4.2	5.7	1.8	17.9	5.4
14	11	885.2	339.0	221.0	79.8	30.5	3.1	12.5	25.7	225.9
14	14	1190.7	194.1	2768.0	107.3	17.5	7.9	3.3	64.1	297.7
14	16	916.7	156.8	1107.0	82.6	14.1	1.2	6.2	22.3	14.3
14	21	549.2	74.1	2168.0	52.9	7.1	6.7	4.8	25.3	148.7
14	23	459.5	54.0	3345.0	44.2	5.2	7.8	4.8	24.5	123.9
14	24	1113.2	181.4	2771.0	107.1	17.5	6.5	2.7	51.5	33.2
14	27	727.3	231.6	556.0	70.0	22.3	12.0	4.5	131.0	195.4
14	41	661.7	133.8	637.0	71.8	14.5	3.8	6.5	24.7	41.2
14	42	468.8	56.1	1984.0	50.8	6.1	2.7	3.2	15.6	5.7
14	43	1212.7	272.7	828.0	131.5	29.6	0.2	5.5	32.6	15.1
14	44	708.3	73.0	21760.0	76.8	7.9	3.6	1.9	25.9	6.7
14	49	1239.4	206.8	3767.0	134.4	22.4	3.5	2.9	45.5	19.3
14	51	1171.3	286.2	1349.0	132.7	32.4	6.7	4.5	66.8	373.0
14	54	119.0	31.5	241.0	13.5	3.6	9.2	5.4	8.4	37.8
14	56	1336.6	117.1	100529.0	151.5	13.3	2.5	0.9	46.3	6.9
14	57	1294.5	161.6	12834.0	146.7	18.3	1.8	2.6	42.1	11.8
14	62	447.7	45.3	10105.0	52.4	5.3	7.0	3.4	26.1	26.2
14	76	51.7	31.4	142.0	6.1	3.7	2.7	4.4	1.8	1.3
14	77	1228.5	145.9	13493.0	143.9	17.1	-1.7	2.0	35.0	4.7
14	81	1145.4	660.4	179.0	134.1	77.3	14.8	12.5	inf	-
14	82	695.5	179.8	453.0	81.5	21.1	12.5	9.1	253.4	238.0
14	97	54.8	20.2	99.0	6.4	2.4	-7.3	4.3	1.6	0.6

Sample	Lab ID	Disc #	Equivalent		N.Signal	Dose			Corrected			
			Grain #	Dose [Gy]		Error	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
S032508-19	UW1982	7	3	337.5	31.0	4013.0	28.2	2.6	15.1	2.3	inf	-
		7	6	1275.8	267.5	15531.0	106.7	22.4	4.7	1.5	30.7	9.4
		7	10	546.6	45.4	4865.0	45.7	3.8	11.4	3.9	39.4	94.2
		7	11	606.6	215.9	1303.0	54.9	19.5	12.0	3.2	63.1	113.4
		7	16	238.6	16.4	6447.0	21.6	1.5	4.5	1.0	5.8	0.9
		7	18	614.3	99.7	2807.0	55.6	9.0	7.8	3.4	23.4	36.5
		7	22	822.6	80.0	100234.0	79.5	7.7	10.1	3.6	53.3	164.8
		7	23	420.6	45.4	8458.0	40.7	4.4	3.6	2.3	10.2	3.0
		7	25	255.9	30.1	2012.0	24.7	2.9	8.1	2.7	10.2	7.6
		7	26	268.9	26.3	2160.0	26.0	2.5	9.5	1.8	13.5	8.8
		7	28	524.8	33.1	20058.0	50.7	3.2	7.0	2.3	18.9	9.5
		7	29	779.8	73.8	10001.0	75.4	7.1	2.1	2.2	16.7	4.2
		7	31	241.1	30.7	1968.0	24.9	3.2	8.5	3.1	10.9	14.2
		7	32	261.0	38.3	663.0	27.0	4.0	15.9	3.5	inf	-
		7	34	464.7	41.6	6007.0	48.0	4.3	9.9	1.8	28.3	25.0
		7	38	217.9	21.4	2334.0	22.5	2.2	4.0	1.3	5.8	1.1
		7	39	241.8	31.0	2059.0	25.0	3.2	14.3	3.2	inf	-
		7	40	168.6	33.1	382.0	17.4	3.4	17.9	4.6	inf	-
		7	43	360.7	25.5	7836.0	39.3	2.8	7.4	2.6	15.1	9.4
		7	44	266.2	35.4	722.0	29.0	3.9	19.2	2.7	inf	-
		7	45	248.6	15.9	10035.0	27.1	1.7	11.0	1.0	19.0	8.7

7	51	919.7	176.3	20246.0	104.8	20.1	15.5	1.7	inf	-
7	52	190.4	75.2	150.0	21.7	8.6	7.1	8.4	7.8	46.4
7	53	345.0	38.7	2566.0	39.3	4.4	11.5	2.4	34.1	79.3
7	55	192.8	21.1	1194.0	22.0	2.4	14.0	2.8	inf	-
7	59	392.4	26.2	14565.0	44.7	3.0	5.0	2.2	13.1	4.2
7	61	938.5	69.2	22426.0	110.5	8.1	8.9	1.7	58.1	36.5
7	62	397.6	49.9	9726.0	46.8	5.9	7.5	2.9	18.5	14.8
7	64	163.8	14.2	2280.0	19.3	1.7	9.9	1.4	10.4	4.5
7	65	543.1	48.3	14386.0	63.9	5.7	9.6	3.5	36.7	132.9
7	66	494.2	31.6	13504.0	58.2	3.7	8.5	1.2	27.1	8.5
7	67	485.8	44.5	3917.0	57.2	5.2	9.0	2.7	29.2	58.0
7	69	378.5	36.7	3726.0	44.5	4.3	5.9	2.8	14.4	7.2
7	71	380.8	67.2	3946.0	44.8	7.9	22.8	4.0	inf	-
7	72	833.5	167.2	14930.0	98.1	19.7	8.0	3.8	43.8	206.3
7	73	199.7	15.8	8695.0	23.5	1.9	12.1	1.7	21.5	46.4
7	75	732.4	50.8	19406.0	86.2	6.0	3.0	2.9	20.7	7.4
7	77	987.0	92.5	28869.0	116.2	10.9	5.6	4.6	37.4	54.8
7	79	284.2	34.0	1678.0	33.4	4.0	12.5	3.7	39.7	68.3
7	81	197.3	28.3	2021.0	23.2	3.3	9.9	3.5	12.7	48.3
7	82	301.9	47.2	1011.0	35.5	5.6	9.2	3.0	18.0	73.8
7	86	890.7	72.6	49011.0	104.8	8.5	3.6	3.5	26.8	12.9
7	87	303.1	34.6	1766.0	35.7	4.1	12.4	2.2	42.4	70.7
7	88	374.9	32.9	6492.0	44.1	3.9	8.7	2.2	21.0	16.5
7	89	359.5	24.6	7714.0	42.3	2.9	4.8	5.4	12.1	15.2
7	90	297.4	38.4	1432.0	35.0	4.5	14.1	1.8	inf	-
7	93	230.5	22.7	3357.0	27.1	2.7	10.7	5.2	17.8	56.8
7	97	434.6	121.0	586.0	51.1	14.2	3.9	3.0	13.4	6.5
7	98	470.6	30.3	11185.0	55.4	3.6	4.1	4.5	14.7	10.4
7	100	624.9	57.0	3490.0	73.6	6.7	4.6	3.1	20.8	10.0
8	7	294.2	53.5	586.0	24.6	4.5	0.1	12.8	4.5	14.2
8	22	381.6	91.6	1637.0	36.9	8.9	37.1	25.4	inf	-
8	32	327.1	96.9	1053.0	33.8	10.0	5.3	4.8	10.1	11.0
8	72	295.4	28.2	1514.0	34.8	3.3	13.8	7.7	inf	-
8	74	142.9	38.2	1665.0	16.8	4.5	5.7	4.2	5.1	4.2
8	82	514.0	122.7	754.0	60.5	14.4	11.2	1.5	51.8	119.9
8	83	238.4	14.2	7931.0	28.1	1.7	19.2	9.9	inf	-
8	84	342.9	73.9	362.0	40.4	8.7	6.3	-	13.5	3.0
5	1	1151.4	157.4	5347.0	93.5	12.8	1.3	2.0	19.2	4.2
5	3	943.3	219.8	2864.0	76.6	17.8	11.0	4.3	64.9	159.4
5	5	795.0	79.0	40224.0	64.6	6.4	9.2	2.6	34.2	133.5
5	8	187.1	45.6	1507.0	15.2	3.7	30.2	18.9	inf	-
5	10	295.8	88.4	288.0	24.0	7.2	1.8	6.4	5.1	3.6
5	11	361.7	33.8	3472.0	31.8	2.7	15.5	2.4	inf	-
5	13	799.6	85.2	7127.0	70.3	6.9	10.9	2.1	56.7	141.6
5	14	343.8	36.1	2120.0	30.3	2.9	16.8	2.9	inf	-
5	17	399.9	107.7	6254.0	35.2	8.7	22.2	15.6	inf	-
5	18	1316.7	166.8	13073.0	115.8	13.5	1.3	3.4	23.8	7.2

5	19	301.3	108.5	348.0	26.5	8.8	13.4	8.4	49.5	58.2
5	20	981.5	85.3	23223.0	86.3	6.9	6.6	2.0	31.2	12.6
5	22	459.7	37.9	10333.0	43.2	3.6	12.0	1.5	44.7	84.1
5	24	1117.9	125.4	9870.0	105.0	11.8	7.3	1.8	42.2	18.7
5	25	283.4	27.8	5763.0	26.6	2.6	16.6	3.4	inf	-
5	27	1070.3	86.1	92414.0	100.6	8.1	3.7	2.2	25.9	7.4
5	28	1556.5	157.0	20238.0	146.2	14.8	4.3	4.0	40.7	28.9
5	30	594.3	58.0	25821.0	55.8	5.4	6.5	5.8	19.6	119.1
5	33	431.9	30.8	12646.0	43.2	3.1	11.1	1.4	33.3	85.6
5	35	286.4	36.0	16116.0	28.6	3.6	12.8	5.0	38.3	59.3
5	40	346.5	31.8	3781.0	34.6	3.2	3.6	4.2	8.7	4.8
5	43	449.0	40.7	3368.0	47.5	4.1	10.9	1.6	35.9	94.8
5	45	962.9	80.3	21173.0	102.0	8.0	4.3	1.2	28.1	5.1
5	54	522.2	42.3	16257.0	57.8	4.7	8.5	4.0	27.2	121.3
5	55	390.9	43.4	2322.0	43.3	4.8	18.4	2.0	inf	-
5	57	479.6	36.7	6021.0	53.1	4.1	12.7	3.9	87.1	108.3
5	58	318.3	20.9	7173.0	35.2	2.3	19.3	6.5	inf	-
5	59	621.8	46.8	13886.0	68.8	5.2	9.6	4.7	39.7	144.4
5	60	680.6	53.8	46655.0	75.3	6.0	7.8	2.8	32.2	32.0
5	62	337.8	31.1	3539.0	38.5	3.5	12.9	3.3	61.4	77.8
5	64	550.7	45.5	5138.0	62.8	5.2	9.1	1.3	32.9	14.1
5	66	410.9	52.2	6734.0	46.8	6.0	10.5	3.8	31.6	97.2
5	67	230.4	20.7	4213.0	26.3	2.4	12.6	2.3	31.0	52.1
5	70	602.5	44.9	19210.0	68.7	5.1	6.9	2.5	25.4	14.4
5	72	564.6	68.9	4863.0	64.4	7.9	11.5	3.5	61.8	131.9
5	73	301.6	25.2	4762.0	34.4	2.9	6.2	4.4	11.3	13.3
5	75	358.4	41.2	1871.0	40.9	4.7	12.6	2.7	57.5	81.8
5	76	286.0	22.3	2915.0	32.6	2.5	13.1	1.4	54.9	61.5
5	77	446.1	90.2	1231.0	50.9	10.3	4.3	4.7	13.8	11.2
5	79	226.6	162.1	396.0	25.8	18.5	0.6	6.4	5.0	4.2
5	82	508.0	45.8	6933.0	57.9	5.2	10.5	2.6	40.0	118.3
5	83	492.7	42.6	16834.0	56.2	4.9	5.1	3.1	16.6	8.5
5	85	366.7	31.8	7388.0	41.8	3.6	11.6	2.3	38.2	83.9
5	87	787.5	71.1	10037.0	89.8	8.1	8.5	2.2	43.7	35.5
5	92	829.0	63.4	40438.0	94.5	7.2	6.2	1.9	32.5	11.9
5	95	871.9	130.6	2975.0	99.4	14.9	18.6	12.7	inf	-
5	96	179.5	35.9	416.0	20.5	4.1	7.2	3.8	7.4	7.8
5	97	447.2	33.6	5020.0	51.0	3.8	25.5	3.8	inf	-
5	98	701.6	52.7	22760.0	80.0	6.0	38.1	6.4	inf	-
5	100	950.9	128.7	18543.0	108.4	14.7	14.2	7.0	inf	-
6	1	1154.0	216.3	8889.0	93.7	17.6	-10.9	8.8	17.2	3.4
6	3	1688.7	164.8	89279.0	137.1	13.4	-0.1	1.6	25.2	3.4
6	4	477.5	76.1	1002.0	38.8	6.2	18.2	3.5	inf	-
6	6	326.6	55.5	3551.0	26.5	4.5	9.2	4.0	13.0	55.6
6	7	552.5	42.7	13749.0	44.9	3.5	12.1	2.2	49.7	89.1
6	12	514.6	99.9	3810.0	45.3	8.1	8.2	5.5	19.6	96.0
6	13	1136.4	89.1	26394.0	100.0	7.2	6.5	4.5	35.8	99.0

6	14	648.0	79.2	3949.0	57.0	6.4	17.8	3.5	inf	-
6	16	427.9	41.7	4987.0	37.6	3.4	20.4	4.6	inf	-
6	17	815.7	71.6	8380.0	71.8	5.8	8.8	1.3	36.0	14.6
6	19	243.6	37.6	2817.0	21.4	3.1	15.2	2.2	inf	-
6	20	447.4	36.3	6183.0	39.4	2.9	4.5	1.1	10.9	1.9
6	21	437.0	43.9	7327.0	41.1	4.1	13.9	3.3	inf	-
6	23	878.2	125.7	2127.0	82.5	11.8	12.3	2.7	135.0	165.5
6	26	993.8	96.9	22175.0	93.4	9.1	13.5	5.5	inf	-
6	27	485.0	40.7	6096.0	45.6	3.8	13.8	1.3	inf	-
6	28	439.7	42.8	4708.0	41.3	4.0	21.5	3.2	inf	-
6	29	374.0	34.6	2891.0	35.1	3.2	11.3	1.5	28.0	69.6
6	30	273.4	26.7	6580.0	25.7	2.5	5.9	2.0	8.1	2.7
6	31	656.4	106.8	2810.0	65.6	10.7	9.4	3.2	36.4	136.3
6	32	303.4	34.6	1488.0	30.3	3.5	13.0	1.8	46.2	58.8
6	33	319.7	47.8	2988.0	32.0	4.8	13.7	4.9	inf	-
6	35	744.1	85.3	7336.0	74.4	8.5	1.3	3.4	15.2	4.4
6	37	683.9	59.5	13968.0	68.4	6.0	13.3	2.5	inf	-
6	40	442.8	49.3	2793.0	44.3	4.9	10.3	2.3	28.2	90.5
6	42	366.0	48.4	1281.0	38.8	4.8	19.3	4.2	inf	-
6	43	553.7	57.9	7010.0	58.6	5.8	7.6	3.5	23.9	37.3
6	45	754.3	59.2	30274.0	79.9	5.9	9.4	3.2	45.7	165.6
6	46	417.6	37.6	5216.0	44.2	3.8	9.8	1.6	25.3	17.4
6	48	321.2	32.0	3857.0	34.0	3.2	12.7	3.4	45.9	69.0
6	49	318.3	34.4	3271.0	33.7	3.4	15.7	2.4	inf	-
6	50	368.3	34.2	3379.0	39.0	3.4	17.3	2.6	inf	-
6	53	615.2	48.4	21114.0	68.1	5.4	11.0	2.3	55.9	137.5
6	57	409.4	29.7	7804.0	45.3	3.3	8.4	2.2	20.5	13.1
6	61	664.8	100.7	1725.0	75.8	11.5	9.8	4.3	46.9	158.4
6	62	549.9	50.1	5097.0	62.7	5.7	11.1	1.5	51.7	123.9
6	64	415.2	38.4	4369.0	47.3	4.4	12.3	1.8	59.2	92.3
6	67	788.1	105.7	22995.0	89.8	12.1	8.1	1.0	40.8	11.7
6	70	358.3	68.8	1336.0	40.8	7.8	6.1	3.5	13.4	9.8
6	71	310.4	26.2	4523.0	35.4	3.0	16.8	2.6	inf	-
6	73	377.9	44.8	3409.0	43.1	5.1	9.2	3.8	22.0	90.1
6	74	319.0	28.2	9534.0	36.4	3.2	8.0	2.4	15.2	9.7
6	75	702.3	62.0	8478.0	80.1	7.1	16.4	2.9	inf	-
6	76	779.9	54.3	24938.0	88.9	6.2	17.6	3.1	inf	-
6	77	639.3	57.4	11556.0	72.9	6.5	13.4	2.1	inf	-
6	78	830.7	113.7	2286.0	94.7	13.0	14.3	2.3	inf	-
6	79	271.1	31.1	1713.0	30.9	3.5	13.4	3.5	67.7	62.8
6	80	294.2	42.6	1500.0	33.5	4.9	16.8	5.0	inf	-
6	81	1409.8	178.7	32043.0	160.7	20.4	7.9	2.4	72.9	64.2
6	82	537.4	30.4	43913.0	61.3	3.5	8.8	2.9	30.5	127.3
6	84	231.7	27.5	2030.0	26.4	3.1	10.6	2.8	16.7	54.2
6	85	296.0	31.0	4916.0	33.7	3.5	7.4	2.5	12.9	7.4
6	87	218.1	19.7	1931.0	24.9	2.2	16.5	1.6	inf	-
6	91	383.0	58.6	5630.0	43.7	6.7	14.4	4.5	inf	-

6	92	451.2	57.4	6342.0	51.4	6.5	13.7	2.3	inf	-
6	93	379.6	36.9	3145.0	43.3	4.2	10.8	3.5	30.8	89.3
6	94	387.8	39.4	4282.0	44.2	4.5	12.4	3.1	56.1	89.4
6	95	417.9	32.3	5369.0	47.6	3.7	8.0	1.7	20.3	8.1
6	100	777.4	87.6	26370.0	88.6	10.0	6.5	2.5	31.6	16.5

Sample	Lab ID	Equivalent			N.Signal	Dose			Corrected			
		Disc #	Grain #	Dose [Gy]		Error	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI29	UW2942	9	16	189.5	75.1	2380.0	17.2	6.8	12.0	7.1	21.5	50.9
		9	35	1935.9	1053.0	121.0	200.0	108.8	11.4	7.9	419.9	630.5
		9	38	271.4	94.4	2265.0	28.0	9.8	7.2	2.3	14.8	8.8
		9	46	423.8	117.4	314.0	46.1	12.8	-5.3	6.2	11.8	3.3
		9	47	265.7	80.7	6798.0	28.9	8.8	15.1	1.1	inf	-
		9	51	1054.4	92.9	34487.0	120.1	10.6	6.1	1.1	58.0	13.1
		9	54	131.4	22.6	4814.0	15.0	2.6	15.4	2.5	inf	-
		9	58	237.3	66.3	3170.0	27.0	7.6	12.1	1.2	39.3	72.9
		9	63	611.5	234.8	616.0	72.0	27.6	9.7	5.8	61.9	212.2
		9	64	279.5	36.7	1649.0	32.9	4.3	6.7	2.0	16.2	6.4
		9	73	661.0	65.1	80219.0	77.8	7.7	6.7	1.4	40.1	11.7
		9	75	1116.2	143.2	6335.0	131.4	16.8	6.2	2.3	64.9	32.7
		9	83	195.8	29.0	703.0	23.0	3.4	13.4	3.0	76.1	64.8
		9	89	716.9	96.4	18033.0	84.4	11.3	2.1	2.9	26.0	8.3
		9	92	226.8	23.6	4704.0	26.7	2.8	17.7	2.8	inf	-
		9	93	1010.1	139.1	4243.0	118.9	16.4	5.2	3.2	51.3	31.9
		9	97	213.1	27.4	2949.0	25.1	3.2	8.7	2.5	16.1	14.8
		10	48	2012.1	304.1	8907.0	219.1	33.1	3.1	2.2	75.3	24.1
		10	51	710.3	56.7	6093.0	80.9	6.5	3.8	4.8	29.3	23.9
		10	52	1066.3	467.7	300.0	121.5	53.3	4.1	9.2	46.0	361.3
		10	60	351.8	282.8	107.0	40.1	32.2	0.4	8.1	10.5	11.7
		10	63	824.1	133.9	2103.0	97.0	15.8	3.7	4.7	35.2	27.5
		10	67	661.6	149.5	499.0	77.9	17.6	20.7	6.6	inf	-
		10	71	1299.3	140.6	53229.0	152.9	16.5	0.1	2.8	39.3	7.6
		10	73	374.4	40.6	1929.0	44.1	4.8	13.9	2.0	inf	-
		10	81	1251.9	70.7	221048.0	147.3	8.3	1.5	3.9	43.1	15.7
		10	82	463.0	37.8	4210.0	54.5	4.5	12.1	1.6	105.4	145.8
		10	86	1273.4	69.7	37606.0	149.9	8.2	1.5	2.0	43.6	8.4
		10	93	337.7	126.0	314.0	39.7	14.8	13.2	9.4	inf	-
		10	96	1074.3	204.6	2735.0	126.4	24.1	14.7	2.2	inf	-
		10	98	1087.4	281.5	371.0	128.0	33.1	-0.9	10.4	32.7	36.2
		3	6	451.6	133.5	720.0	36.9	10.9	48.8	12.6	inf	-
		3	30	1675.8	218.6	4219.0	158.4	20.7	11.3	8.5	289.8	468.1
		3	32	419.6	47.8	3523.0	42.4	4.8	12.7	2.4	112.7	116.6
		3	36	354.0	50.1	3133.0	35.8	5.1	17.9	2.3	inf	-
		3	38	1203.5	186.5	1719.0	121.6	18.8	13.7	3.3	inf	-
		3	46	195.0	15.2	3187.0	20.8	1.6	12.0	2.6	27.3	58.2
		3	47	1029.9	149.5	3597.0	109.7	15.9	10.7	4.3	135.9	316.6
		3	49	369.7	164.5	409.0	39.4	17.5	11.2	10.1	46.2	118.4

3	55	1967.8	258.8	103159.0	219.0	28.8	3.6	1.5	79.2	18.8
3	60	1545.5	228.1	6642.0	172.0	25.4	13.7	10.9	inf	-
3	64	532.1	66.0	2076.0	72.4	9.0	10.6	2.2	78.8	203.5
3	65	1151.4	98.4	131605.0	156.7	13.4	-0.8	1.9	40.0	4.5
3	66	976.5	181.6	1746.0	132.9	24.7	10.0	2.7	135.2	378.6
3	73	1408.9	146.0	8115.0	191.7	19.9	4.0	2.2	72.8	24.3
3	74	1231.7	165.2	4179.0	167.6	22.5	2.7	2.1	55.0	15.8
3	75	2205.5	1132.5	314.0	300.2	154.1	-8.5	12.3	76.7	39.6
3	79	1367.6	358.3	690.0	186.1	48.8	15.2	9.5	inf	-
3	83	949.9	213.6	4236.0	129.3	29.1	15.3	7.3	inf	-
3	85	2014.5	150.7	57163.0	274.2	20.5	0.5	2.6	73.2	14.1
3	88	780.6	96.8	21740.0	106.2	13.2	7.6	1.3	64.0	22.5
3	92	781.1	56.2	33931.0	106.3	7.7	0.9	2.2	29.3	5.3
4	18	301.1	27.0	5030.0	26.6	2.4	15.1	2.6	inf	-
4	23	736.9	337.9	181.0	69.6	31.9	-26.5	10.4	17.8	8.2
4	24	1153.9	176.9	3623.0	109.0	16.7	-4.3	3.5	27.9	4.6
4	28	515.8	77.1	1510.0	48.7	7.3	7.7	5.4	28.3	143.8
4	31	1853.3	377.8	14406.0	187.2	38.2	-2.5	2.2	47.8	10.1
4	34	1581.2	138.9	31644.0	159.7	14.0	-3.4	4.4	40.8	4.3
4	36	1524.2	165.6	21127.0	153.9	16.7	7.7	3.6	96.3	449.6
4	37	1031.3	88.3	42906.0	104.2	8.9	4.4	2.2	40.9	13.5
4	39	665.3	175.2	293.0	67.2	17.7	15.7	6.0	inf	-
4	42	504.6	124.2	1239.0	53.7	13.2	8.2	4.0	34.1	157.2
4	43	536.8	53.2	4238.0	57.2	5.7	7.9	1.9	34.4	17.3
4	47	909.5	125.9	2327.0	96.9	13.4	2.9	4.0	32.2	16.4
4	48	749.1	129.7	2094.0	79.8	13.8	2.0	2.1	24.4	6.7
4	55	154.9	77.3	154.0	17.2	8.6	7.6	5.4	9.2	51.1
4	60	910.1	198.5	757.0	101.3	22.1	-18.1	16.6	25.9	5.8
4	68	592.0	106.2	1232.0	80.6	14.5	8.9	2.3	60.0	93.3
4	77	992.7	120.2	5888.0	135.1	16.4	2.5	3.8	43.5	19.7
4	84	1889.1	1068.9	1129.0	257.1	145.5	3.7	5.6	94.8	140.8
4	85	808.3	247.7	328.0	110.0	33.7	18.3	12.3	inf	-
4	97	1175.6	108.9	84740.0	160.0	14.8	1.7	1.3	47.8	8.0
7	2	1750.9	168.4	17764.0	142.2	13.7	0.9	4.3	39.4	14.2
7	12	719.4	68.6	7249.0	63.3	5.6	6.1	3.9	29.7	30.4
7	13	1187.0	285.3	449.0	104.4	23.2	2.4	10.6	33.1	310.3
7	14	842.4	69.5	12491.0	74.1	5.6	9.2	5.4	57.8	217.3
7	17	295.5	65.3	520.0	26.0	5.3	0.0	5.6	6.6	2.6
7	18	689.4	118.3	1822.0	60.7	9.6	-2.0	2.9	15.5	2.7
7	26	629.4	80.5	3314.0	59.1	7.6	-0.4	4.3	15.1	3.8
7	32	994.1	106.7	4461.0	99.4	10.7	4.4	4.9	38.9	41.7
7	37	737.4	106.8	2187.0	73.7	10.7	-7.5	5.7	18.8	2.9
7	40	712.7	76.6	9256.0	71.3	7.7	3.6	4.2	25.5	16.0
7	45	910.1	118.7	11049.0	96.4	11.9	-5.2	5.1	24.6	3.3
7	48	758.8	83.9	11704.0	80.4	8.4	2.1	4.5	24.6	11.7
7	49	405.9	45.0	3907.0	43.0	4.5	0.5	5.0	11.5	4.2
7	51	361.8	61.9	2061.0	40.0	6.8	4.8	5.4	16.0	22.2

7	54	303.1	53.7	963.0	33.5	5.9	16.2	6.9	inf	-
7	60	464.6	45.0	3880.0	51.4	5.0	1.9	4.5	15.5	7.0
7	63	657.2	59.2	28154.0	74.9	6.7	-1.8	3.7	19.1	2.5
7	73	559.7	39.9	14443.0	63.8	4.5	5.0	4.2	26.5	22.6
7	76	760.9	64.7	38028.0	86.7	7.4	-2.2	3.3	22.2	2.4
7	79	342.2	21.3	29332.0	39.0	2.4	3.2	4.3	13.2	6.9
7	82	1431.3	148.6	46839.0	163.2	16.9	-2.3	3.6	41.7	5.2
7	83	1263.7	109.0	118303.0	144.1	12.4	-3.4	3.6	36.8	3.8
7	85	747.8	106.4	5543.0	85.3	12.1	-3.0	4.7	21.8	3.5
7	87	846.7	85.6	12290.0	96.5	9.8	4.6	5.0	38.7	46.6
7	88	299.8	68.2	534.0	34.2	7.8	-7.7	6.2	8.7	2.0
7	92	556.8	41.2	9897.0	63.5	4.7	5.5	4.3	27.9	29.7
7	93	659.9	51.9	21011.0	75.2	5.9	0.4	4.0	19.9	5.4
7	99	1206.3	132.1	14733.0	137.5	15.1	1.0	5.2	38.3	17.9
8	3	665.8	84.4	1884.0	54.1	6.8	7.5	2.7	30.5	23.7
8	4	1021.4	92.7	40884.0	82.9	7.5	4.2	1.5	31.6	7.1
8	22	1793.5	194.0	224404.0	168.5	18.2	0.5	2.4	44.9	8.8
8	32	616.2	35.6	44624.0	61.6	3.6	0.5	2.5	16.4	2.8
8	50	827.9	169.0	1670.0	87.7	16.9	-8.5	9.5	22.4	4.5
8	72	567.5	96.1	1755.0	64.7	11.0	7.1	4.5	34.9	190.5
8	75	1544.8	198.8	79861.0	176.1	22.7	0.3	2.5	46.3	9.6
8	82	684.0	232.8	546.0	78.0	26.5	-9.7	9.3	19.9	6.9

Sample	Lab ID	Disc #	Grain #	Equivalent		N.Signal	Dose			Corrected		
				Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI33	UW2943	11	85	606.2	46.8	6062.0	71.3	5.5	5.4	3.2	28.0	16.7
		12	1	1647.7	194.0	11040.0	137.7	16.2	-3.0	4.3	31.8	4.3
		12	7	1188.6	83.9	18115.0	99.4	7.0	4.4	2.2	35.0	11.4
		12	9	1529.3	246.6	14996.0	127.8	20.6	-0.4	2.9	29.5	6.2
		12	13	1611.8	112.8	17801.0	145.9	10.2	1.3	1.5	37.7	6.2
		12	16	666.6	48.0	6186.0	60.3	4.3	4.2	2.2	20.5	6.2
		12	17	941.2	68.5	9299.0	85.2	6.2	8.4	4.9	51.9	225.9
		12	25	291.2	75.3	483.0	28.2	7.3	-2.9	5.5	6.5	1.8
		12	27	484.0	171.7	1095.0	46.8	16.6	6.8	5.6	21.3	125.5
		12	29	1105.3	125.1	4742.0	106.9	12.1	9.3	2.9	79.8	277.5
		12	31	870.5	107.8	2201.0	89.9	11.1	6.2	6.5	39.3	241.5
		12	32	742.0	48.5	34795.0	76.6	5.0	7.0	1.6	37.1	12.9
		12	33	905.7	152.6	1122.0	93.6	15.8	2.4	8.0	26.7	51.8
		12	36	616.8	117.0	5158.0	63.7	12.1	1.4	1.4	16.6	3.9
		12	37	1001.8	77.4	28866.0	103.5	8.0	1.7	2.3	27.6	6.3
		12	46	748.9	70.7	3192.0	81.6	7.7	-3.8	4.4	18.8	2.1
		12	47	446.0	157.4	466.0	48.6	17.1	0.2	9.4	11.4	13.2
		12	48	1834.0	1382.6	5221.0	199.7	150.6	8.2	2.6	124.6	218.0
		12	50	1262.0	154.5	3506.0	137.4	16.8	-5.4	6.1	31.7	4.3
		12	52	1113.3	140.4	2247.0	126.8	16.0	3.4	10.1	40.1	340.5
		12	53	453.8	84.2	762.0	51.7	9.6	-1.5	9.6	11.9	7.4
		12	58	664.3	181.8	648.0	75.7	20.7	-1.7	6.6	17.5	6.5

12	59	818.4	85.8	38151.0	93.2	9.8	2.7	2.4	27.4	8.0
12	65	1164.8	351.8	2772.0	137.1	41.4	-0.6	2.9	31.7	10.4
12	66	1401.4	227.8	62101.0	164.9	26.8	1.4	2.0	43.3	10.7
12	68	901.3	292.9	4297.0	106.1	34.5	6.0	3.9	45.4	53.3
12	69	832.6	145.6	6946.0	98.0	17.1	-0.7	3.1	22.6	4.9
12	73	1060.4	98.7	3726.0	124.8	11.6	3.4	4.7	39.7	28.7
12	74	1228.0	98.4	100512.0	144.5	11.6	2.9	2.4	43.8	13.3
12	77	763.0	129.0	23554.0	89.8	15.2	4.7	4.1	32.5	25.6
12	78	532.7	176.4	3863.0	62.7	20.8	6.9	2.3	29.5	17.5
12	80	1098.9	181.3	1192.0	129.3	21.3	1.3	8.4	33.4	46.4
12	82	764.5	289.2	1033.0	90.0	34.0	-1.7	9.2	20.8	13.3
12	84	977.0	77.1	5779.0	115.0	9.1	4.3	4.9	40.0	41.0
12	85	950.5	159.6	22737.0	111.9	18.8	2.0	1.9	30.8	8.2
12	86	925.0	143.1	43379.0	108.9	16.8	1.8	1.4	29.5	6.4
12	87	571.6	148.7	1230.0	67.3	17.5	7.3	4.3	33.9	178.9
12	89	1167.2	229.2	6810.0	137.4	27.0	-5.9	3.3	31.7	6.5
11	72	1291.6	218.1	20343.0	151.3	25.5	1.0	2.3	52.3	13.3
11	82	425.4	158.1	1040.0	49.8	18.5	18.6	18.7	inf	-
12	8	1567.9	252.5	25336.0	130.5	21.0	1.6	3.0	47.6	15.1
12	11	602.0	77.7	4571.0	54.2	7.0	0.6	4.8	18.0	6.7
12	13	760.2	147.3	1916.0	68.5	13.3	-3.3	6.1	21.6	4.8
12	16	1083.6	79.4	11894.0	97.6	7.1	-2.8	4.0	30.8	3.1
12	18	776.7	91.4	15321.0	70.0	8.2	10.2	1.4	86.8	97.4
12	23	1127.8	208.3	1425.0	108.5	20.0	-6.3	9.9	34.3	6.8
12	24	928.7	319.2	2896.0	89.4	30.7	1.0	1.6	30.9	11.4
12	27	1209.4	76.2	22952.0	116.4	7.3	1.8	6.4	43.3	37.3
12	28	534.3	64.2	3846.0	51.4	6.2	4.7	2.0	25.4	7.9
12	29	1409.2	120.8	33219.0	135.6	11.6	3.4	2.3	59.0	18.1
12	32	891.1	109.2	25183.0	91.6	11.2	2.6	4.3	36.8	19.4
12	35	624.2	65.4	4544.0	64.2	6.7	11.5	3.8	122.9	226.7
12	40	1188.9	169.8	15598.0	122.2	17.5	8.0	2.4	100.3	112.4
12	47	998.7	134.0	4340.0	108.3	14.5	5.6	2.6	61.2	32.0
12	55	683.5	172.7	857.0	77.5	19.6	9.1	4.0	75.0	278.9
12	58	1064.0	85.4	35370.0	120.6	9.7	8.7	1.1	111.3	43.2
12	59	588.4	47.3	55497.0	66.7	5.4	1.6	1.5	24.3	4.4
12	63	902.0	44.6	101589.0	105.6	5.2	3.2	2.6	45.0	14.9
12	68	896.6	202.3	4284.0	105.0	23.7	3.4	1.8	45.5	14.5
12	74	786.0	283.1	1423.0	92.0	33.2	7.2	2.8	64.5	62.3
12	76	917.3	290.7	5327.0	107.4	34.0	3.2	1.7	45.8	17.4
12	84	281.2	300.1	968.0	32.9	35.1	1.6	5.3	12.0	14.1
12	90	777.3	0.1	65977.0	91.0	0.0	1.0	3.8	31.4	9.5
12	98	848.1	138.0	12846.0	99.3	16.2	1.1	2.4	34.6	8.7
12	99	439.0	32.2	20996.0	51.4	3.8	10.7	3.4	70.3	181.8
9	2	1240.8	125.0	107920.0	100.8	10.2	2.5	3.7	29.0	12.1
9	8	1408.9	154.9	113262.0	114.4	12.6	-2.5	2.6	26.4	3.3
9	10	1152.9	167.8	5390.0	93.6	13.6	4.5	4.4	33.2	28.0
9	11	1722.1	568.4	1462.0	151.5	46.2	26.6	9.8	inf	-

9	14	2452.9	843.5	84884.0	215.8	68.5	0.1	1.8	50.3	16.9
9	16	1073.9	113.0	11195.0	94.5	9.2	2.3	2.6	26.8	7.7
9	18	991.8	183.7	3031.0	87.3	14.9	-1.9	2.5	20.2	3.6
9	23	1287.7	144.4	7055.0	121.0	13.6	-6.3	5.0	27.9	3.5
9	24	902.3	98.8	10115.0	84.8	9.3	7.0	1.4	41.0	13.0
9	27	288.9	37.0	1281.0	27.1	3.5	7.3	2.6	12.8	7.5
9	28	1189.5	118.7	31544.0	111.8	11.2	2.9	1.4	33.6	6.5
9	29	402.4	38.4	3761.0	37.8	3.6	11.2	4.3	39.1	98.5
9	31	555.5	61.1	3612.0	55.6	6.1	9.4	5.1	39.4	146.9
9	33	1708.9	218.5	107365.0	170.9	21.9	4.1	2.8	59.0	25.2
9	36	394.2	311.5	423.0	39.4	31.1	25.1	8.7	inf	-
9	44	1422.8	112.7	21439.0	150.7	11.3	1.8	1.7	40.8	8.0
9	46	1292.9	543.2	1431.0	136.9	54.3	10.8	3.5	161.5	358.8
9	52	970.1	82.7	29927.0	107.4	9.2	6.3	1.7	47.9	16.4
9	53	826.8	76.3	5958.0	91.5	8.4	5.7	1.6	37.4	10.5
9	55	536.3	46.0	6857.0	59.4	5.1	12.5	2.1	128.6	145.9
9	58	1130.2	197.6	47769.0	125.1	21.9	-3.2	4.2	28.9	5.3
9	62	555.1	50.1	4073.0	63.3	5.7	8.1	1.6	35.8	16.0
9	63	1296.1	131.2	27698.0	147.8	15.0	-2.1	1.0	34.1	3.9
9	72	1475.8	191.7	1343.0	168.2	21.8	10.4	3.7	179.0	436.7
9	74	1076.8	100.3	64534.0	122.8	11.4	1.8	2.9	33.2	9.5
9	75	1235.7	312.2	2661.0	140.9	35.6	-2.7	4.8	32.5	8.8
9	77	1474.6	631.7	338.0	168.1	72.0	16.7	11.9	inf	-
9	81	516.7	53.9	4944.0	58.9	6.1	6.0	2.1	24.5	9.4
9	82	519.8	75.9	1447.0	59.3	8.7	-2.6	3.4	13.7	2.2
9	84	358.7	54.4	791.0	40.9	6.2	3.9	2.9	13.4	5.4
9	85	554.3	42.4	5078.0	63.2	4.8	5.7	1.4	25.5	6.0
9	86	1166.5	111.6	7749.0	133.0	12.7	3.3	2.2	41.7	12.3
9	87	746.9	115.8	4096.0	85.2	13.2	0.5	2.3	20.5	4.5
9	92	518.0	150.8	259.0	59.1	17.2	24.6	9.1	inf	-
9	94	2068.3	717.5	3109.0	235.8	81.8	-12.3	5.3	54.5	19.1
9	96	777.8	60.9	9949.0	88.7	6.9	5.0	2.1	33.4	11.1
9	97	960.2	557.7	662.0	109.5	63.6	-0.8	3.7	25.3	15.2
9	99	515.3	76.1	1585.0	58.7	8.7	3.9	2.7	19.4	7.5
9	100	678.3	49.8	86019.0	77.3	5.7	-0.4	2.9	17.9	2.7
10	2	694.4	48.1	50376.0	56.4	3.9	0.0	1.4	13.0	1.4
10	3	1539.1	375.8	2460.0	125.0	30.5	8.3	7.3	77.3	335.0
10	4	1006.8	75.9	34331.0	81.8	6.2	-0.7	2.1	18.9	2.1
10	6	1144.2	242.3	972.0	92.9	19.7	4.0	6.9	31.1	94.8
10	12	1424.6	208.5	6123.0	125.3	16.9	-8.3	5.4	29.0	4.2
10	13	758.1	135.1	2762.0	66.7	11.0	14.1	4.3	inf	-
10	23	1104.4	126.3	37485.0	103.8	11.9	-1.3	3.3	24.0	3.6
10	32	653.2	64.9	5815.0	65.3	6.5	-6.0	2.8	15.1	1.7
10	34	875.4	77.0	14938.0	87.5	7.7	3.2	2.3	27.1	7.9
10	43	985.8	78.8	48629.0	104.4	7.9	-5.0	3.2	24.1	2.3
10	44	764.0	188.4	1459.0	80.9	18.8	-4.7	6.0	18.7	4.5
10	45	2203.3	318.4	131194.0	233.3	31.8	1.7	2.4	62.9	17.1

10	49	1598.5	366.8	2523.0	169.3	36.7	2.7	2.6	50.0	18.8
10	53	1145.9	161.9	19224.0	126.8	17.9	-8.9	5.4	29.3	4.4
10	55	1097.0	154.7	5191.0	121.4	17.1	-0.4	4.7	28.1	8.2
10	58	1204.8	185.1	8089.0	133.4	20.5	6.5	1.9	61.8	26.0
10	59	1719.1	218.6	35888.0	190.3	24.2	0.4	3.8	45.5	12.9
10	65	693.8	64.9	13481.0	79.1	7.4	1.3	2.7	20.4	4.8
10	68	922.8	137.8	5179.0	105.2	15.7	2.6	3.7	30.7	13.4
10	72	2274.4	433.8	99282.0	259.3	49.5	17.2	7.3	inf	-
10	75	1979.7	157.6	92600.0	225.7	18.0	-2.8	5.5	52.1	7.4
10	78	1481.3	94.0	89956.0	168.9	10.7	6.5	3.5	79.0	96.4

Sample	Lab ID	Equivalent			N.Signal	Dose			Corrected			
		Disc #	Grain #	Dose [Gy]		Error	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI12	UW2950	6	41	1344.8	135.9	4155.0	145.8	14.7	-6.2	13.2	33.2	7.4
		6	61	899.3	171.9	5761.0	105.3	20.1	0.5	5.9	25.1	13.1
		6	71	1221.5	498.8	3844.0	143.1	58.4	2.1	3.1	39.2	20.2
		6	84	120.6	33.4	642.0	14.1	3.9	2.5	5.0	3.9	2.2
		6	93	338.1	33.7	7355.0	39.6	3.9	2.9	2.1	11.6	3.0
		5	2	483.9	62.4	3625.0	39.5	5.1	3.6	4.2	12.4	7.3
		5	23	777.4	132.9	8519.0	73.5	12.6	10.3	1.2	65.6	51.6
		5	25	1183.2	118.5	7213.0	111.8	11.2	4.6	3.4	39.7	23.0
		5	28	346.0	48.2	4989.0	32.7	4.6	14.8	2.4	inf	-
		5	32	617.9	48.8	15317.0	62.4	4.9	11.6	2.4	83.2	154.9
		5	37	1024.9	261.9	2206.0	103.5	26.4	25.2	6.9	inf	-
		5	39	1226.2	756.4	830.0	123.8	76.4	5.0	3.5	46.0	41.3
		5	41	274.0	27.0	2472.0	29.2	2.9	20.6	2.8	inf	-
		5	45	468.9	62.5	1678.0	49.9	6.7	9.6	3.1	36.0	128.2
		5	49	395.2	63.0	4707.0	42.1	6.7	10.8	3.4	38.8	107.5
		5	55	371.5	29.1	9105.0	41.4	3.2	9.1	2.5	26.3	38.9
		5	59	786.3	70.1	17562.0	87.5	7.8	8.9	2.2	57.1	66.0
		5	69	527.2	53.5	7134.0	71.7	7.3	7.6	2.4	37.3	26.4
		5	71	1092.8	108.5	11154.0	148.7	14.8	7.9	2.5	84.7	89.7
		5	72	378.4	39.6	3946.0	51.5	5.4	14.2	1.6	inf	-
		5	73	543.7	120.4	3461.0	74.0	16.4	12.7	1.5	300.7	183.0
		5	74	537.0	31.1	26792.0	73.1	4.2	8.8	1.0	46.7	13.8
		5	75	529.5	40.3	8470.0	72.1	5.5	11.0	2.2	77.6	179.4
		5	80	1968.3	353.6	47666.0	267.9	48.1	5.3	1.8	105.3	38.1
		5	82	1218.6	249.1	6116.0	165.8	33.9	6.7	6.5	78.6	438.9
		5	84	558.0	119.5	712.0	75.9	16.3	4.2	2.4	25.6	10.1
		5	85	975.2	90.1	17243.0	132.7	12.3	8.2	1.2	79.3	28.9
		5	88	690.6	56.7	8414.0	94.0	7.7	6.5	1.7	42.0	14.1
		5	90	436.3	52.9	1767.0	59.4	7.2	17.8	3.1	inf	-
		5	96	524.1	72.0	1896.0	71.3	9.8	11.3	2.2	85.2	177.0
		5	99	324.6	46.2	1042.0	44.2	6.3	13.2	1.9	inf	-
		5	100	882.7	139.5	2631.0	120.1	19.0	6.8	2.5	56.6	36.5
		6	1	695.9	60.8	9897.0	56.9	5.0	10.1	1.5	46.3	40.5
		6	6	666.8	59.8	6720.0	54.5	4.9	12.5	2.7	112.2	134.6

6	13	947.5	186.3	4903.0	83.9	16.5	23.1	4.9	inf	-
6	14	248.9	36.2	802.0	22.0	3.2	18.1	2.7	inf	-
6	16	444.5	47.1	3245.0	39.3	4.2	11.5	2.1	43.9	97.6
6	22	1704.4	246.5	15865.0	161.1	23.3	9.0	1.9	115.4	136.3
6	29	1266.8	157.8	4033.0	119.7	14.9	7.0	2.3	57.9	32.7
6	30	1080.4	68.3	105080.0	102.1	6.5	9.2	3.6	72.1	263.3
6	33	1069.7	105.9	15971.0	108.0	10.7	9.4	2.5	80.4	275.1
6	34	2171.4	827.4	2231.0	219.3	83.6	1.8	3.4	58.8	29.5
6	35	1036.3	115.0	7765.0	104.7	11.6	6.9	3.2	50.1	51.5
6	36	694.5	82.8	4114.0	70.1	8.4	4.8	3.2	25.1	13.2
6	47	519.9	67.5	3414.0	55.4	7.2	14.4	3.5	inf	-
6	51	927.2	156.9	7159.0	103.2	17.5	-4.5	4.2	23.5	4.2
6	55	339.8	27.9	5471.0	37.8	3.1	11.2	1.7	38.1	93.2
6	59	1284.1	156.5	13027.0	142.9	17.4	8.6	3.8	92.2	370.6
6	63	330.0	36.3	2509.0	44.9	4.9	17.9	2.8	inf	-
6	66	472.7	51.6	5092.0	64.3	7.0	7.6	3.4	33.2	53.6
6	72	1281.0	142.6	11879.0	174.3	19.4	9.5	2.6	139.8	443.5
6	73	361.4	44.2	3489.0	49.2	6.0	16.5	2.9	inf	-
6	75	320.0	25.3	10303.0	43.5	3.4	12.0	1.8	61.9	105.6
6	76	372.0	38.3	5579.0	50.6	5.2	13.2	3.3	inf	-
6	84	1648.3	229.1	47001.0	224.3	31.2	6.8	3.7	108.8	225.7
6	85	199.7	38.5	1138.0	27.2	5.2	17.9	3.8	inf	-
6	88	1842.3	187.7	22489.0	250.7	25.5	-0.3	2.5	57.1	9.1
6	90	286.2	60.2	266.0	38.9	8.2	18.5	4.9	inf	-
6	96	357.2	39.5	2719.0	48.6	5.4	14.8	2.6	inf	-
6	99	482.4	248.0	94.0	65.7	33.8	29.7	23.2	inf	-
6	100	676.5	67.4	6880.0	92.1	9.2	15.4	3.9	inf	-
11	12	804.4	118.0	9180.0	70.8	9.6	-1.6	5.1	16.1	3.5
11	13	1178.5	109.2	15019.0	103.7	8.9	6.6	1.3	47.4	12.3
11	21	572.2	42.3	20324.0	53.8	4.0	11.3	1.6	60.5	131.6
11	23	1076.5	119.2	50154.0	101.2	11.2	6.2	0.9	43.6	8.9
11	26	361.0	46.9	4260.0	33.9	4.4	11.3	3.9	34.5	86.8
11	27	303.0	46.3	4145.0	28.5	4.4	14.4	4.5	inf	-
11	31	272.8	35.3	1444.0	27.3	3.5	12.6	3.6	43.7	68.9
11	34	1386.3	567.7	1548.0	138.6	56.8	0.4	4.9	32.6	17.6
11	35	894.5	309.5	430.0	89.5	30.9	10.5	8.2	85.4	237.1
11	41	480.7	47.5	3300.0	50.9	4.7	18.7	2.3	inf	-
11	43	902.7	71.9	27435.0	95.6	7.2	10.6	1.6	97.7	235.1
11	44	577.0	38.3	26324.0	61.1	3.8	10.0	1.6	48.3	45.0
11	45	693.5	465.6	106.0	73.4	46.6	-17.4	18.1	16.7	10.6
11	48	420.3	41.7	10487.0	44.5	4.2	14.8	2.7	inf	-
11	49	384.4	153.3	233.0	40.7	15.3	3.2	17.9	12.2	107.8
11	50	260.7	20.5	5158.0	27.6	2.0	17.4	2.3	inf	-
11	52	521.1	29.7	45520.0	57.7	3.3	8.8	1.3	35.6	14.2
11	54	309.1	29.3	3537.0	34.2	3.2	9.7	2.7	23.8	87.4
11	55	312.6	26.8	5715.0	34.6	3.0	18.3	2.3	inf	-
11	59	286.4	55.9	4176.0	31.7	6.2	16.6	2.5	inf	-

11	64	629.1	95.3	2463.0	71.7	10.9	2.7	3.7	20.7	9.0
11	66	485.0	74.4	2760.0	55.3	8.5	-1.9	2.8	12.6	2.1
11	68	440.5	89.8	1962.0	50.2	10.2	16.6	4.5	inf	-
11	69	264.9	23.7	21538.0	30.2	2.7	8.0	2.7	15.6	12.2
11	70	360.2	28.5	6899.0	41.1	3.3	12.3	2.6	66.9	101.6
11	72	1002.7	94.4	17629.0	114.3	10.8	5.3	2.9	44.2	23.9
11	74	280.1	23.0	6972.0	31.9	2.6	12.4	4.2	47.9	81.2
11	76	667.5	51.7	32348.0	76.1	5.9	10.5	1.6	71.9	188.2
11	80	1449.4	135.0	52172.0	165.2	15.4	0.5	2.1	39.2	6.6
11	81	473.1	68.3	2807.0	53.9	7.8	6.5	2.8	23.6	14.6
11	83	436.9	35.8	8610.0	49.8	4.1	10.2	6.7	40.3	130.4
11	88	306.6	18.2	13742.0	35.0	2.1	7.3	2.4	16.5	8.8
11	93	712.1	372.9	3369.0	81.2	42.5	6.8	4.4	37.6	214.0
11	95	1630.9	151.1	16169.0	185.9	17.2	3.1	1.8	56.7	13.3
11	96	867.2	73.8	32985.0	98.9	8.4	9.4	2.2	72.4	250.8
11	97	926.8	80.6	39539.0	105.7	9.2	10.4	3.2	101.4	269.0
11	98	204.4	18.4	6706.0	23.3	2.1	17.8	2.4	inf	-
12	2	545.5	128.5	643.0	44.3	10.4	5.4	5.5	16.8	34.9
12	3	1507.6	167.9	124084.0	122.4	13.6	-0.3	1.9	27.9	4.0
12	5	944.8	95.7	17320.0	76.7	7.8	7.1	2.0	37.1	17.0
12	7	2086.0	589.2	945.0	169.4	47.8	-0.3	7.1	38.6	23.4
12	8	852.5	65.0	14113.0	69.2	5.3	8.7	2.1	43.2	35.1
12	9	269.3	19.1	4779.0	21.9	1.5	10.4	2.3	16.5	55.4
12	11	153.7	39.1	699.0	13.5	3.2	27.8	8.0	inf	-
12	12	386.4	31.6	4959.0	34.0	2.6	12.1	2.8	46.5	84.9
12	14	1502.2	133.3	15383.0	132.2	10.8	10.5	1.6	138.1	324.9
12	17	367.0	37.8	2296.0	32.3	3.1	9.3	3.5	20.7	83.4
12	18	1050.5	215.0	7623.0	92.4	17.5	13.6	3.7	inf	-
12	19	402.3	56.0	1686.0	35.4	4.5	19.4	3.1	inf	-
12	22	1151.1	179.6	10228.0	108.2	16.9	6.4	1.5	48.1	16.0
12	23	905.8	522.7	886.0	85.1	49.1	-0.7	21.1	19.4	225.5
12	24	632.7	127.4	2441.0	59.4	12.0	9.0	4.0	38.3	154.4
12	25	283.1	37.4	1233.0	26.6	3.5	15.6	3.4	inf	-
12	27	593.2	43.5	9070.0	55.7	4.1	13.4	1.9	inf	-
12	29	1670.5	197.1	81972.0	157.0	18.5	-1.8	2.2	35.7	4.6
12	30	304.1	28.3	4791.0	28.6	2.7	13.7	2.8	inf	-
12	31	1004.3	128.7	9163.0	100.4	12.9	8.9	1.5	67.2	37.7
12	33	1295.8	106.9	55763.0	129.6	10.7	8.8	1.5	86.5	48.4
12	34	567.5	77.1	12541.0	56.7	7.7	2.0	7.2	15.3	15.3
12	36	1325.4	197.1	9906.0	132.5	19.7	7.8	1.6	74.1	34.4
12	37	804.3	53.7	41189.0	80.4	5.4	9.6	2.0	60.4	90.5
12	38	441.4	39.3	3345.0	44.1	3.9	15.0	3.1	inf	-
12	42	1576.8	207.7	64605.0	167.0	20.8	1.5	1.9	43.2	9.5
12	43	555.9	69.7	3304.0	58.9	7.0	7.8	5.5	31.2	154.7
12	44	767.2	229.6	946.0	81.2	23.0	3.5	5.5	25.6	25.2
12	46	2005.7	441.1	19223.0	212.4	44.1	7.0	1.8	106.5	50.7
12	47	837.9	87.9	9397.0	88.7	8.8	13.8	2.5	inf	-

12	49	787.0	71.4	7359.0	83.3	7.1	8.7	1.8	52.3	33.0
12	53	530.4	45.0	10131.0	58.7	5.0	4.8	1.9	21.1	6.0
12	54	1695.4	266.3	21634.0	187.7	29.5	3.8	1.3	61.6	14.2
12	55	896.3	67.8	47701.0	99.2	7.5	7.7	1.5	53.2	20.7
12	63	1635.0	238.0	17847.0	186.4	27.1	5.8	3.6	77.9	71.9
12	64	421.9	28.6	11648.0	48.1	3.3	7.7	1.1	24.6	5.9
12	66	513.6	80.5	3864.0	58.5	9.2	13.6	1.7	inf	-
12	67	362.3	33.4	7952.0	41.3	3.8	15.7	2.5	inf	-
12	68	1235.8	177.3	9172.0	140.9	20.2	5.7	1.5	57.4	16.8
12	69	1473.8	168.6	33375.0	168.0	19.2	1.4	4.2	43.4	16.9
12	70	731.4	64.5	16331.0	83.4	7.4	4.4	2.4	28.8	10.3
12	72	294.6	87.5	357.0	33.6	10.0	13.9	8.3	inf	-
12	74	963.9	137.6	39804.0	109.9	15.7	2.2	3.4	30.5	11.6
12	75	752.2	65.9	15903.0	85.8	7.5	7.4	1.6	43.2	15.6
12	77	1177.6	109.1	50939.0	134.2	12.4	6.5	2.3	61.1	31.4
12	82	1142.8	202.2	20799.0	130.3	23.1	4.1	1.5	43.8	12.0
12	85	1032.7	87.0	37812.0	117.7	9.9	4.4	1.5	40.7	9.1
12	86	311.4	24.2	4886.0	35.5	2.8	18.1	2.0	inf	-
12	87	964.3	70.4	26560.0	109.9	8.0	10.2	1.2	100.1	84.8
12	89	420.3	33.6	15578.0	47.9	3.8	9.7	1.9	34.7	35.5
12	91	954.3	242.3	3642.0	108.8	27.6	7.9	7.2	60.7	287.7
12	93	1015.1	180.7	4401.0	115.7	20.6	8.7	2.2	74.3	81.9
12	96	578.9	48.0	8059.0	66.0	5.5	16.6	2.0	inf	-
12	99	1241.0	159.4	31085.0	141.5	18.2	3.2	1.8	43.4	11.1

Sample	Lab ID	Disc #	Equivalent		N.Signal	Dose			Corrected			
			Grain #	Dose [Gy]		Error	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI13	UW2951	7	1	370.8	35.1	3462.0	30.9	2.9	10.0	1.5	20.3	11.9
		7	4	741.5	59.8	8198.0	61.7	5.0	12.1	2.3	91.2	136.4
		7	5	283.8	19.9	9594.0	23.6	1.7	8.4	1.0	11.4	2.7
		7	6	1364.2	421.7	1456.0	113.5	35.1	0.9	8.7	25.2	33.2
		7	7	561.9	52.4	6178.0	46.8	4.4	6.2	1.8	17.6	5.7
		7	8	554.3	86.8	1955.0	46.1	7.2	-6.8	11.2	9.5	1.6
		7	13	1268.4	90.5	21208.0	114.3	8.2	1.3	3.3	26.3	7.5
		7	15	496.1	45.7	11276.0	44.7	4.1	6.1	3.0	16.5	9.5
		7	17	573.7	62.3	6654.0	51.7	5.6	4.8	1.5	16.6	3.9
		7	20	1234.5	276.1	7338.0	111.2	24.9	4.1	4.8	33.7	31.1
		7	21	599.9	138.3	352.0	57.7	13.3	4.5	11.6	17.9	137.6
		7	22	620.9	63.4	10078.0	59.7	6.1	6.5	3.1	23.6	16.7
		7	25	739.6	42.4	103445.0	71.2	4.1	4.3	1.6	21.8	4.8
		7	26	693.4	135.4	5274.0	66.7	13.0	7.3	1.8	29.4	12.8
		7	27	353.1	39.8	4752.0	34.0	3.8	14.8	3.5	inf	-
		7	28	651.2	47.5	6989.0	62.7	4.6	5.0	4.2	20.6	16.9
		7	29	646.6	71.4	3098.0	62.2	6.9	6.3	4.5	23.8	39.2
		7	30	496.8	62.8	1669.0	47.8	6.0	8.3	3.0	24.1	33.4
		7	34	530.1	33.7	18128.0	54.5	3.5	8.9	1.6	30.8	16.1
		7	35	664.1	49.8	14612.0	68.3	5.1	12.9	2.0	inf	-

7	37	850.6	87.9	20054.0	87.5	9.0	5.1	2.4	29.2	11.7
7	39	467.2	38.8	5852.0	48.0	4.0	11.7	2.3	52.8	107.3
7	41	531.2	153.6	497.0	57.6	16.7	0.9	5.1	12.7	6.2
7	42	307.8	42.8	1789.0	33.4	4.6	9.0	2.1	18.2	12.9
7	43	1006.1	147.1	4305.0	109.1	16.0	4.2	1.7	33.1	9.1
7	44	183.5	13.5	3708.0	19.9	1.5	9.3	1.3	10.9	4.0
7	45	793.3	96.3	17470.0	86.0	10.4	6.3	3.0	33.6	22.6
7	48	481.0	55.9	56309.0	52.2	6.1	6.7	1.5	20.8	6.3
7	49	324.4	30.6	2044.0	35.2	3.3	8.9	1.9	18.9	10.8
7	51	647.9	216.4	666.0	73.4	24.5	12.2	5.4	119.4	174.7
7	57	602.0	98.5	2471.0	68.2	11.2	3.6	3.6	19.4	9.9
7	58	176.8	18.1	1958.0	20.0	2.1	17.0	1.6	inf	-
7	59	718.7	80.4	15607.0	81.5	9.1	2.5	3.1	20.8	7.1
7	61	671.3	68.3	2410.0	78.6	8.0	12.7	5.6	inf	-
7	62	62.9	12.3	425.0	7.4	1.4	9.2	2.7	3.7	3.0
7	65	280.8	19.8	10192.0	32.9	2.3	9.6	1.1	20.0	6.8
7	67	395.3	38.9	1719.0	46.3	4.5	7.1	4.6	19.3	109.4
7	68	707.2	49.5	7201.0	82.8	5.8	4.1	4.0	24.9	15.9
7	69	218.6	145.6	147.0	25.6	17.1	25.9	8.9	inf	-
7	70	338.6	47.3	1095.0	39.6	5.5	5.5	6.1	13.5	62.5
7	74	583.0	47.8	11590.0	68.3	5.6	2.2	4.6	16.9	8.3
7	75	397.7	32.4	5883.0	46.6	3.8	11.6	1.4	48.9	101.4
7	76	875.5	57.2	54900.0	102.5	6.7	2.9	1.0	27.3	3.9
7	77	1173.4	229.1	12761.0	137.4	26.8	2.3	2.8	34.8	12.4
7	78	598.0	41.4	13583.0	70.0	4.8	6.6	1.2	28.1	6.7
7	79	379.4	27.5	9438.0	44.4	3.2	6.6	1.1	17.5	3.5
7	83	1115.8	72.6	101196.0	130.7	8.5	0.3	2.8	27.6	5.1
7	84	247.1	17.3	6085.0	28.9	2.0	10.6	1.2	21.1	11.1
7	85	470.2	275.8	434.0	55.1	32.3	2.9	13.6	14.5	131.5
7	86	508.2	59.6	2987.0	59.5	7.0	9.4	3.1	37.0	137.7
7	87	780.9	52.4	97355.0	91.4	6.1	4.6	2.0	29.0	8.3
7	88	810.0	117.1	7101.0	94.9	13.7	-2.8	3.2	19.5	3.0
7	91	271.9	44.5	10010.0	31.8	5.2	7.9	3.7	14.6	28.0
7	92	1409.5	230.9	31540.0	165.1	27.0	0.0	2.4	33.8	7.1
7	93	404.0	44.5	1977.0	47.3	5.2	6.6	2.9	18.8	12.1
7	94	712.8	52.8	18417.0	83.5	6.2	-0.1	3.7	17.1	3.7
7	95	238.3	13.9	6626.0	27.9	1.6	2.2	1.5	6.9	1.1
7	96	667.6	55.9	39938.0	78.2	6.6	4.7	2.6	25.1	9.8
7	98	950.5	52.1	30169.0	111.3	6.1	-3.0	4.0	22.8	1.8
14	1	445.4	35.1	19945.0	36.2	2.9	-37.4	26.0	7.4	0.7
14	2	617.6	66.7	5563.0	50.1	5.4	2.9	2.9	13.3	4.6
14	4	1400.0	231.2	10561.0	113.7	18.8	-3.3	5.8	23.3	4.4
14	5	1468.4	368.2	3810.0	119.2	29.9	1.1	4.0	26.8	10.7
14	6	1122.4	97.4	18729.0	91.1	7.9	1.4	3.4	21.1	6.1
14	7	1219.9	80.3	21268.0	99.1	6.5	-3.3	2.7	20.3	1.7
14	8	1186.8	162.1	2768.0	96.4	13.2	6.3	5.9	37.5	229.4
14	11	906.7	83.8	20410.0	79.8	6.8	2.7	2.9	20.9	7.0

14	16	458.5	35.9	9536.0	40.3	2.9	7.2	4.0	17.0	28.9
14	20	517.0	45.8	8933.0	45.5	3.7	0.4	6.0	9.7	4.3
14	21	2396.3	375.6	126119.0	225.2	35.3	-0.9	2.3	46.2	8.1
14	22	430.5	74.8	2181.0	40.5	7.0	11.6	4.4	40.9	93.6
14	23	1769.0	371.7	17703.0	166.2	34.9	4.2	4.6	50.8	46.1
14	27	1025.6	120.0	6215.0	96.4	11.3	0.5	5.4	20.7	8.9
14	29	2063.7	446.0	810.0	193.9	41.9	17.5	12.4	inf	-
14	31	458.9	92.9	581.0	45.9	9.3	6.3	4.9	17.3	37.7
14	33	317.7	112.9	784.0	31.8	11.3	30.9	26.2	inf	-
14	34	442.9	45.6	3954.0	44.3	4.6	1.1	3.7	9.9	2.9
14	35	926.5	112.4	6972.0	92.7	11.2	7.9	7.8	45.3	220.9
14	38	623.1	72.6	4951.0	62.3	7.3	5.4	5.1	21.4	32.7
14	40	693.2	54.8	19111.0	69.3	5.5	-0.9	4.2	14.2	2.6
14	41	769.6	98.0	3292.0	81.5	9.8	8.0	4.7	40.3	192.0
14	42	681.1	83.4	19465.0	72.1	8.3	-0.3	5.2	14.8	4.7
14	45	711.1	130.7	2914.0	75.3	13.1	2.5	6.1	19.2	16.0
14	46	638.7	116.9	3052.0	67.6	11.7	4.3	3.5	20.6	11.4
14	47	932.5	137.8	2298.0	98.8	13.8	-5.5	3.6	20.2	3.0
14	49	1689.7	531.7	2073.0	178.9	53.2	6.0	4.3	68.8	122.5
14	52	1200.5	143.8	4935.0	132.9	15.9	6.5	3.3	54.0	51.4
14	56	335.7	38.2	2126.0	37.2	4.2	10.3	4.8	26.3	86.7
14	58	619.3	39.5	18164.0	68.6	4.4	3.3	3.2	18.8	7.5
14	59	1595.8	208.7	53633.0	176.7	23.1	-1.3	1.8	36.2	5.2
14	62	292.4	47.4	666.0	33.3	5.4	9.8	7.7	20.9	79.1
14	67	452.3	32.7	8453.0	51.6	3.7	2.2	2.8	12.8	3.6
14	69	646.2	397.5	254.0	73.7	45.3	-12.9	15.5	15.1	9.3
14	70	565.5	46.5	6458.0	64.5	5.3	3.4	1.8	18.0	4.2
14	71	933.1	61.9	37394.0	106.4	7.1	-2.1	5.0	21.8	3.2
14	72	804.9	148.5	2225.0	91.8	16.9	0.8	5.0	20.2	8.7
14	74	817.0	53.9	32069.0	93.1	6.1	2.8	2.1	24.6	6.2
14	76	1374.4	134.8	42615.0	156.7	15.4	4.7	2.9	50.9	24.5
14	79	458.2	40.6	6651.0	52.2	4.6	1.3	3.3	12.0	3.3
14	82	306.0	35.2	3102.0	34.9	4.0	13.5	5.2	inf	-
14	83	1008.5	126.5	25332.0	115.0	14.4	1.6	2.5	27.0	6.9
14	84	414.6	31.1	9098.0	47.3	3.5	6.9	4.6	19.4	77.0
14	87	326.0	37.8	2363.0	37.2	4.3	10.2	2.6	25.8	85.1
14	89	339.8	24.8	7233.0	38.7	2.8	5.7	3.8	13.6	10.3
14	95	680.3	47.7	16082.0	77.6	5.4	4.0	2.4	23.1	7.7
14	98	460.2	42.2	3033.0	52.5	4.8	5.1	2.5	17.3	6.8
14	100	273.8	23.8	4301.0	31.2	2.7	0.6	3.6	6.7	1.6

Sample	Lab ID	Disc #	Equivalent			N.Signal	Dose			Corrected		
			Grain #	Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI03	UW2962	7	2	1650.0	280.5	15462.0	134.8	22.9	2.8	2.0	50.2	14.8
		7	5	510.5	69.0	3896.0	41.7	5.6	3.9	2.8	17.1	6.8
		7	17	789.9	189.9	2699.0	69.9	16.8	1.3	4.0	22.5	9.3
		7	19	588.3	111.0	2029.0	52.1	9.8	7.7	2.4	34.4	24.2

7	20	695.2	61.1	139664.0	61.5	5.4	-1.2	3.8	17.7	2.8
7	21	995.3	114.0	8951.0	94.1	10.8	5.6	1.9	47.8	16.5
7	23	1717.7	229.2	38270.0	162.3	21.7	1.9	1.2	55.4	10.5
7	26	673.6	126.1	3134.0	63.7	11.9	-2.7	5.6	18.3	4.1
7	28	549.4	98.7	864.0	51.9	9.3	1.9	3.6	17.6	6.8
7	30	1307.2	204.8	2269.0	123.5	19.4	2.8	3.5	45.9	20.9
7	31	988.4	119.4	10517.0	99.8	12.1	12.0	6.0	283.7	327.1
7	33	1470.5	121.7	51897.0	148.5	12.3	5.2	2.5	72.8	32.6
7	40	429.5	51.4	2202.0	43.4	5.2	2.7	5.5	15.9	11.7
7	42	693.8	388.8	539.0	73.9	41.4	7.8	4.8	51.1	245.4
7	43	770.3	80.6	6440.0	82.0	8.6	1.3	1.8	26.3	5.1
7	47	843.7	88.9	19231.0	89.9	9.5	4.6	2.5	40.4	16.2
7	50	1031.1	87.1	35261.0	109.8	9.3	3.2	1.9	42.4	10.4
7	56	1364.3	250.6	3715.0	151.8	27.9	1.4	3.1	49.6	16.3
7	59	475.5	49.7	2377.0	52.9	5.5	6.7	3.9	30.1	43.4
7	62	441.3	54.7	2183.0	60.1	7.4	3.3	5.0	23.2	17.1
7	66	569.4	110.9	1175.0	77.5	15.1	8.0	2.9	55.0	82.6
7	75	275.6	33.3	2156.0	37.5	4.5	7.9	1.6	24.8	10.2
7	77	731.6	93.5	8936.0	99.6	12.7	6.0	2.3	53.5	25.4
7	80	1296.1	189.0	7033.0	176.4	25.7	5.5	2.3	90.1	41.3
7	82	1587.8	207.7	33077.0	216.1	28.3	2.5	1.2	77.9	15.4
7	83	1180.6	118.6	38959.0	160.7	16.1	3.0	3.4	61.2	27.8
7	87	512.0	77.4	2853.0	69.7	10.5	8.8	1.8	56.5	40.6
7	89	844.6	133.8	1758.0	114.9	18.2	1.4	2.7	37.2	10.6
7	94	1436.6	291.7	5428.0	195.5	39.7	2.8	2.0	73.1	23.3
7	98	2085.5	497.2	14416.0	283.8	67.7	0.5	2.6	84.8	25.2
7	100	367.2	53.4	1962.0	50.0	7.3	6.6	5.7	28.2	166.2
8	14	966.6	139.4	2250.0	85.5	12.3	11.9	5.9	199.6	280.2
8	22	2343.4	303.5	3531.0	221.4	28.7	11.5	17.1	620.0	743.8
8	25	1327.1	245.3	1496.0	125.4	23.2	-7.2	5.3	36.0	7.0
8	26	1029.4	144.1	9881.0	97.3	13.6	1.5	3.1	31.7	9.7
8	27	678.3	68.8	6317.0	64.1	6.5	5.6	2.8	32.0	16.9
8	28	851.9	130.5	17114.0	80.5	12.3	0.3	3.9	23.7	7.0
8	29	391.9	71.8	10534.0	37.0	6.8	0.2	4.6	10.8	3.7
8	33	1202.8	162.4	3366.0	121.5	16.4	5.9	3.7	64.2	63.1
8	34	2505.9	488.8	6251.0	253.1	49.4	1.8	7.5	85.8	121.3
8	35	428.7	24.0	25924.0	43.3	2.4	6.4	1.4	23.5	6.2
8	41	975.3	98.1	37128.0	103.9	10.4	-0.2	5.0	29.8	9.7
8	43	707.2	94.3	2287.0	75.3	10.0	8.9	6.7	62.7	249.7
8	45	554.5	36.4	21723.0	59.1	3.9	7.0	3.5	35.4	44.7
8	50	592.5	88.2	3016.0	63.1	9.4	3.4	3.7	24.6	12.6
8	52	595.0	103.9	9992.0	66.2	11.6	16.2	1.6	inf	-
8	54	824.8	68.9	33191.0	91.8	7.7	8.6	2.2	73.2	79.7
8	58	583.7	93.0	2841.0	65.0	10.3	3.4	4.0	25.5	14.6
8	61	1401.9	122.5	44165.0	190.8	16.7	9.5	9.6	203.3	636.7
8	67	518.0	49.5	3494.0	70.5	6.7	1.5	3.9	23.0	8.1
8	78	351.1	25.6	6206.0	47.8	3.5	5.2	1.8	22.5	6.5

8	79	843.9	139.6	6953.0	114.9	19.0	-0.5	4.8	33.0	10.2
8	88	783.9	104.6	15875.0	106.7	14.2	8.3	2.2	81.9	79.7
8	89	117.5	29.3	534.0	16.0	4.0	7.7	5.6	9.8	53.1
8	93	1196.4	189.7	32301.0	162.8	25.8	2.7	2.3	60.0	19.2
8	94	1188.6	143.6	17779.0	161.8	19.5	6.6	3.0	95.9	86.3
8	95	1167.0	182.5	2334.0	158.8	24.8	2.8	3.2	59.3	25.1
8	98	815.0	331.0	387.0	110.9	45.0	21.1	11.3	inf	-
8	100	693.7	49.3	31430.0	94.4	6.7	4.4	2.0	41.3	11.9
15	1	586.8	62.8	6465.0	47.6	5.1	4.4	3.1	20.5	9.7
15	2	780.5	262.1	661.0	63.4	21.3	-2.2	13.7	18.2	24.4
15	4	1225.5	587.6	674.0	99.5	47.7	-3.0	4.1	28.6	13.8
15	5	732.2	166.6	1085.0	59.5	13.5	-3.5	3.5	17.1	4.0
15	11	458.7	62.9	2078.0	40.4	5.1	0.4	4.6	11.9	3.9
15	16	575.7	138.1	437.0	50.6	11.2	10.7	7.6	61.0	167.9
15	20	694.6	84.8	3031.0	61.1	6.9	4.8	3.3	27.8	15.6
15	25	380.5	39.7	2215.0	35.7	3.7	5.1	3.4	16.5	9.6
15	26	524.8	150.7	367.0	49.3	14.2	7.2	6.2	30.1	164.2
15	28	639.2	79.3	2898.0	60.1	7.5	10.5	5.3	70.6	196.5
15	30	749.7	110.3	1957.0	70.4	10.4	4.7	5.5	31.6	52.0
15	31	337.4	61.1	556.0	33.7	6.1	9.3	3.6	28.2	109.9
15	44	339.6	33.2	1759.0	36.0	3.3	15.3	4.4	inf	-
15	50	631.2	95.7	1399.0	66.8	9.6	7.1	4.9	40.9	221.4
15	52	417.3	144.0	143.0	46.2	15.9	10.8	7.6	56.6	153.9
15	56	390.9	52.0	1971.0	43.3	5.8	8.4	3.2	31.4	141.2
15	57	488.4	63.0	2208.0	54.1	7.0	3.7	4.1	21.7	12.8
15	59	200.6	122.9	131.0	22.2	13.6	16.7	9.3	inf	-
15	60	554.7	168.0	544.0	61.4	18.6	9.5	5.9	56.7	203.1
15	61	477.0	86.8	602.0	54.4	9.9	11.5	4.4	87.5	176.2
15	62	1102.3	414.3	162.0	125.7	47.2	9.7	9.0	132.7	421.3
15	63	481.4	81.1	2029.0	54.9	9.2	7.2	5.2	33.7	182.0
15	66	324.9	32.5	3144.0	37.0	3.7	9.9	3.9	35.0	120.4
15	69	924.7	126.4	6860.0	105.4	14.4	11.5	3.4	219.3	336.0
15	71	317.3	62.2	300.0	36.2	7.1	-13.5	17.3	10.4	2.1
15	72	451.5	64.7	1430.0	51.5	7.4	1.1	5.3	16.2	7.6
15	73	284.3	41.3	1083.0	32.4	4.7	4.6	4.0	14.2	9.6
15	76	309.5	107.7	161.0	35.3	12.3	5.7	5.8	17.5	117.8
15	77	783.2	101.9	6628.0	89.3	11.6	3.7	3.5	36.3	19.0
15	78	570.3	217.0	467.0	65.0	24.7	9.1	7.4	55.9	216.8
15	82	839.5	141.3	2682.0	95.7	16.1	-2.1	3.1	27.5	5.0
15	83	864.9	303.8	246.0	98.6	34.6	-3.9	8.2	28.3	11.0
15	85	730.3	110.1	3724.0	83.3	12.5	1.1	2.9	26.2	7.1
15	86	336.3	54.3	1049.0	38.3	6.2	-5.2	4.3	11.0	1.9
15	88	494.5	58.9	4165.0	56.4	6.7	9.9	4.2	56.1	183.6
15	90	1000.0	165.9	2103.0	114.0	18.9	-0.4	3.3	32.7	7.6
15	94	891.8	117.7	2440.0	101.7	13.4	-0.8	3.5	29.2	5.8
15	97	633.3	306.4	118.0	72.2	34.9	8.8	11.4	59.2	242.5
15	98	1100.1	485.3	454.0	125.4	55.3	6.6	4.7	73.1	416.9

15	100	521.7	92.9	1223.0	59.5	10.6	10.7	5.2	74.1	194.5
16	1	947.0	765.3	269.0	76.9	62.1	16.6	11.0	inf	-
16	2	716.3	131.5	1193.0	58.2	10.7	5.5	2.8	28.7	15.3
16	3	446.6	64.9	1116.0	36.3	5.3	4.9	4.6	16.4	15.3
16	5	643.2	125.4	1027.0	52.2	10.2	14.5	6.2	inf	-
16	7	382.5	235.8	380.0	31.1	19.1	7.7	9.1	19.8	104.3
16	9	540.3	212.9	309.0	43.9	17.3	13.2	5.6	inf	-
16	10	405.9	38.4	5746.0	33.0	3.1	7.7	5.5	21.2	109.2
16	11	1098.0	116.6	6892.0	96.6	9.5	-2.5	2.9	27.7	3.2
16	14	569.0	174.8	625.0	50.1	14.2	0.8	5.5	15.4	8.0
16	16	432.9	277.7	94.0	38.1	22.6	1.3	5.7	12.2	9.6
16	18	502.2	84.8	2144.0	44.2	6.9	8.9	3.2	35.2	143.7
16	20	464.8	45.8	3045.0	40.9	3.7	0.4	3.2	12.1	2.6
16	21	625.1	50.9	6847.0	58.7	4.8	2.5	4.4	21.1	10.6
16	23	482.4	64.2	1309.0	45.3	6.0	-2.2	2.6	13.0	1.9
16	28	497.8	59.2	2527.0	46.8	5.6	16.9	5.0	inf	-
16	31	591.5	128.7	1323.0	59.2	12.9	12.9	4.5	inf	-
16	32	809.6	139.7	910.0	81.0	14.0	7.2	3.4	50.8	76.6
16	33	748.3	267.4	333.0	74.8	26.7	39.6	12.8	inf	-
16	34	383.3	37.6	2792.0	38.3	3.8	7.4	1.6	23.8	8.8
16	36	508.4	59.6	1884.0	50.8	6.0	-8.3	5.1	14.6	1.9
16	38	323.2	37.9	990.0	32.3	3.8	4.3	3.7	13.7	7.7
16	40	408.2	56.1	2987.0	40.8	5.6	7.4	2.2	25.5	14.0
16	41	1676.0	305.3	59380.0	177.5	30.5	-1.1	0.9	50.9	9.3
16	42	684.1	178.2	1337.0	72.4	17.8	7.8	3.3	49.3	113.2
16	44	337.4	47.9	1298.0	35.7	4.8	2.2	3.6	12.4	4.7
16	45	84.0	36.1	68.0	8.9	3.6	12.8	7.8	14.3	23.6
16	46	446.1	47.7	2090.0	47.2	4.8	10.5	4.9	54.2	154.2
16	47	567.5	52.3	6692.0	60.1	5.2	10.1	7.1	63.7	198.7
16	48	385.9	36.2	3194.0	40.9	3.6	4.2	4.3	17.1	11.9
16	51	648.2	138.8	444.0	71.8	15.4	6.5	5.2	40.2	238.5
16	52	794.4	253.6	439.0	87.9	28.1	19.8	6.5	inf	-
16	54	698.6	114.2	2283.0	77.3	12.6	7.0	7.4	47.2	258.0
16	55	431.8	83.1	525.0	47.8	9.2	6.6	5.4	26.8	158.9
16	56	350.6	51.7	1898.0	38.8	5.7	14.1	5.7	inf	-
16	57	364.6	39.0	2645.0	40.4	4.3	18.7	5.0	inf	-
16	59	543.0	232.0	193.0	60.1	25.7	22.0	6.1	inf	-
16	60	472.2	56.3	2153.0	52.3	6.2	6.2	3.5	28.0	24.1
16	62	669.4	86.7	2488.0	76.3	9.9	5.3	4.7	36.8	48.5
16	63	482.1	127.1	366.0	55.0	14.5	6.9	5.1	32.1	182.4
16	64	782.4	97.9	3821.0	89.2	11.2	1.6	5.2	29.5	16.0
16	69	806.1	75.7	9565.0	91.9	8.6	3.7	1.4	37.3	7.6
16	70	514.7	55.8	1739.0	58.7	6.4	10.6	4.0	71.5	189.7
16	71	857.2	137.3	1395.0	97.7	15.6	9.9	4.5	104.7	318.8
16	72	448.7	49.2	6135.0	51.1	5.6	3.4	2.6	19.9	6.7
16	73	349.6	160.9	157.0	39.9	18.3	3.5	6.0	15.7	18.6
16	74	480.5	78.7	909.0	54.8	9.0	5.0	3.7	25.3	17.7

16	75	337.0	33.6	3273.0	38.4	3.8	7.0	5.3	22.4	127.5
16	81	586.5	79.6	2410.0	66.9	9.1	2.7	3.1	24.4	9.0
16	82	653.0	114.6	1933.0	74.4	13.1	-1.8	2.5	21.4	4.0
16	83	460.7	90.5	733.0	52.5	10.3	7.1	5.3	31.8	174.2
16	84	571.8	98.4	2941.0	65.2	11.2	1.7	2.0	21.7	5.6
16	85	500.8	92.1	916.0	57.1	10.5	1.5	2.9	18.7	5.7
16	86	909.6	152.7	9202.0	103.7	17.4	3.7	3.7	42.0	23.9
16	87	336.4	82.9	282.0	38.3	9.4	6.9	3.5	22.0	23.7
16	91	1383.6	540.6	148.0	157.7	61.6	20.4	12.8	inf	-
16	93	280.6	19.5	5248.0	32.0	2.2	3.8	1.3	12.9	2.3
16	94	901.0	161.5	3688.0	102.7	18.4	28.1	12.9	inf	-
16	96	496.7	61.6	2407.0	56.6	7.0	-0.9	1.9	16.2	2.3
16	97	534.9	47.1	21611.0	61.0	5.4	3.2	2.3	23.3	6.8
16	98	517.1	58.7	2535.0	58.9	6.7	4.7	6.2	26.3	70.5
16	99	169.2	66.8	216.0	19.3	7.6	9.4	6.0	15.4	64.0
16	100	540.6	81.7	1487.0	61.6	9.3	3.8	2.8	25.0	10.2

Sample	Lab ID	Disc #	Grain #	Equivalent		N.Signal	Dose			Corrected		
				Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI22	UW3029	9	3	1615.1	294.3	2863.0	132.0	24.0	3.3	2.2	38.8	12.6
		9	16	415.3	143.6	153.0	36.8	12.7	37.3	8.4	inf	-
		9	22	493.4	308.8	271.0	46.6	29.2	11.8	5.0	57.3	119.7
		9	31	260.7	33.7	1583.0	26.3	3.4	9.1	2.5	15.3	17.2
		9	42	517.1	53.0	5572.0	55.1	5.6	11.2	2.0	56.7	130.1
		9	54	424.3	50.2	4727.0	47.2	5.6	9.7	2.5	32.3	114.6
		9	58	349.7	24.0	5197.0	38.9	2.7	23.8	2.8	inf	-
		9	67	489.7	151.8	374.0	56.3	17.5	10.4	4.2	45.9	138.9
		9	73	806.3	190.1	728.0	92.7	21.9	5.2	2.6	33.4	16.4
		9	75	1207.0	92.1	90799.0	138.8	10.6	0.9	1.8	32.7	5.4
		9	76	1079.7	115.4	24406.0	124.2	13.3	6.1	1.4	50.6	14.1
		9	83	147.4	62.7	46.0	17.0	7.2	-4.8	6.7	3.7	1.6
		10	6	98.2	292.1	27.0	8.0	23.9	-12.2	41.3	1.7	5.2
		10	17	217.6	128.1	164.0	19.3	11.3	58.6	29.7	inf	-
		10	20	114.6	30.8	267.0	10.1	2.7	26.7	3.5	inf	-
		10	24	180.4	55.5	191.0	17.1	5.2	7.6	4.7	7.6	42.7
		10	25	106.9	208.9	37.0	10.1	19.7	2.8	10.7	2.7	20.7
		10	26	348.0	32.1	2202.0	32.9	3.0	10.2	1.7	24.1	21.2
		10	39	30.5	34.8	47.0	3.1	3.5	46.8	7.7	inf	-
		10	43	1861.6	1195.9	1275.0	198.3	127.4	2.6	4.0	54.8	43.8
		10	44	1213.4	339.3	2375.0	129.2	36.1	11.3	4.7	172.7	319.5
		10	57	516.6	83.0	2045.0	57.5	9.2	8.2	2.0	30.8	18.9
		10	59	481.7	35.0	11361.0	53.6	3.9	7.5	1.1	25.4	6.2
		10	63	1613.4	319.9	3072.0	185.5	36.8	5.0	2.3	66.5	28.4
		10	66	318.3	21.7	5238.0	36.6	2.5	7.3	2.5	16.6	9.7
		10	71	1000.6	106.9	5207.0	115.1	12.3	11.4	2.6	157.6	273.2
		10	74	391.2	29.5	6715.0	45.0	3.4	9.7	2.4	30.5	109.1
		10	76	218.1	28.2	1605.0	25.1	3.2	10.4	2.5	18.6	60.6

10	77	2433.9	621.4	6276.0	279.9	71.5	-0.1	2.5	60.7	17.5
10	91	684.9	60.5	10935.0	78.8	7.0	12.8	3.1	inf	-
10	97	1238.2	134.5	33459.0	142.4	15.5	3.6	1.1	43.5	8.1
10	99	377.5	57.1	1163.0	43.4	6.6	13.5	2.8	inf	-
10	100	506.4	60.1	1840.0	58.2	6.9	15.0	2.9	inf	-
17	37	1966.4	251.0	13905.0	196.6	25.1	8.6	6.1	123.2	491.8
17	38	1403.7	309.7	371.0	140.4	31.0	7.9	9.1	75.0	354.3
17	50	747.6	337.9	113.0	79.2	33.8	-7.7	9.6	17.2	7.4
17	58	1041.7	115.3	2067.0	115.3	12.8	10.7	5.0	119.0	284.1
17	61	750.4	103.0	5195.0	85.5	11.7	22.7	10.3	inf	-
17	63	1312.3	230.9	2542.0	149.6	26.3	17.2	5.5	inf	-
17	71	925.7	82.1	98450.0	105.5	9.4	29.1	7.4	inf	-
17	76	256.7	42.2	639.0	29.3	4.8	13.6	5.6	inf	-
17	85	557.1	127.0	359.0	63.5	14.5	8.9	7.4	38.6	159.7
17	86	831.5	262.9	224.0	94.8	30.0	2.0	10.0	24.6	239.1
17	90	675.5	73.9	1950.0	77.0	8.4	17.1	4.7	inf	-
17	93	937.2	147.2	4888.0	106.8	16.8	16.3	9.4	inf	-
17	95	1699.6	152.2	27468.0	193.8	17.3	6.0	3.6	78.6	76.6
18	9	643.4	76.1	5572.0	52.2	6.2	4.7	3.0	17.6	8.2
18	16	139.3	13.6	1450.0	12.3	1.1	17.8	1.5	inf	-
18	17	1049.5	86.7	38577.0	92.3	7.0	3.5	2.2	27.6	7.8
18	26	649.3	90.8	1731.0	61.0	8.5	7.9	3.4	30.9	64.3
18	35	724.8	67.3	14346.0	72.5	6.7	11.0	1.9	73.7	170.9
18	52	127.0	43.9	164.0	14.1	4.9	19.1	5.0	inf	-
18	53	249.7	102.7	270.0	27.6	11.4	15.1	8.1	inf	-
18	54	1788.8	283.4	48385.0	198.0	31.4	8.5	3.5	122.5	488.4
18	60	304.6	101.7	221.0	33.7	11.3	-0.4	10.0	7.3	7.5
18	67	1400.8	151.7	63118.0	159.7	17.3	6.1	1.9	65.9	25.6
18	70	126.4	52.9	117.0	14.4	6.0	13.7	5.7	29.4	37.3
18	74	1086.1	98.1	51729.0	123.8	11.2	5.5	1.1	46.5	9.3
18	75	943.7	77.3	144700.0	107.6	8.8	5.2	4.5	38.8	44.2
18	77	1016.3	132.4	4890.0	115.9	15.1	16.6	3.7	inf	-
18	82	918.0	87.2	10355.0	104.7	9.9	10.7	3.6	104.0	254.4
18	83	1504.5	279.7	9696.0	171.5	31.9	5.4	2.3	64.4	28.2
18	84	1493.9	480.5	1051.0	170.3	54.8	14.6	4.5	inf	-
18	90	295.1	49.5	571.0	33.6	5.6	4.7	4.6	11.1	9.3
18	91	678.0	72.0	10583.0	77.3	8.2	13.2	4.5	inf	-
18	94	328.4	142.0	162.0	37.4	16.2	18.3	7.6	inf	-
13	7	517.3	354.8	4425.0	40.4	27.7	11.0	5.8	37.8	103.3
13	16	2450.3	624.0	2113.0	207.3	52.8	-2.0	5.7	45.0	14.1
13	45	1111.1	132.2	5102.0	113.1	13.5	7.8	6.6	59.6	284.3
13	55	930.4	119.9	4790.0	99.0	12.8	10.1	2.5	82.4	238.5
13	71	998.7	867.1	148.0	110.0	95.5	-1.4	15.7	23.9	278.0
13	87	406.2	417.5	1051.0	45.4	46.7	21.9	4.7	inf	-
14	11	119.4	118.0	19.0	10.1	10.0	36.2	31.3	inf	-
14	15	-8.4	31.4	12.0	-0.7	2.7	-10.1	10.3	inf	-
14	26	11.2	33.1	111.0	1.0	3.0	14.6	5.9	1.0	3.4

14	51	284.3	40.5	3031.0	30.2	4.3	3.8	4.7	9.2	6.5
14	67	1.4	17.1	62.0	0.2	1.9	14.4	4.6	0.1	1.3
14	72	1544.5	260.4	46966.0	170.1	28.7	6.6	1.4	76.0	25.4
14	79	28.2	9.0	96.0	3.1	1.0	11.6	8.4	2.2	6.1
14	90	4250.4	2451.4	144.0	475.2	274.1	-6.3	51.6	103.1	1199.5
14	96	29.9	8.9	1211.0	3.3	1.0	14.0	2.8	4.0	6.1

Sample	Lab ID	Disc #	Equivalent		N.Signal	Dose		g-value	Error	Corrected		
			Grain #	Dose [Gy]		Error	Rate [Gy]			Age [ka]	Error	
13SI27	UW3030	11	6	335.0	51.8	1617.0	27.4	4.2	11.8	2.8	27.4	61.4
		11	10	1175.8	209.2	6813.0	96.1	17.1	4.4	3.8	29.5	19.4
		11	11	1316.2	126.2	14612.0	116.5	11.2	1.1	1.2	25.9	4.0
		11	14	624.3	77.2	3363.0	55.3	6.8	4.8	2.5	17.6	6.7
		11	16	289.5	30.1	5560.0	25.6	2.7	17.6	1.5	inf	-
		11	17	543.0	59.3	3649.0	48.1	5.2	16.6	4.5	inf	-
		11	19	1059.2	240.8	2086.0	93.7	21.3	10.9	3.6	91.1	214.0
		11	21	1086.0	153.7	5427.0	102.6	14.5	10.0	2.3	77.7	231.2
		11	22	1342.1	120.2	91210.0	126.8	11.4	5.3	1.3	43.7	10.0
		11	23	2086.8	112.7	36070.0	197.2	10.7	5.1	4.3	66.9	70.9
		11	28	454.9	80.5	656.0	43.0	7.6	16.1	3.9	inf	-
		11	31	938.0	113.7	14680.0	94.7	11.5	5.6	1.7	33.4	10.1
		11	32	1.2	202.1	269.0	0.1	20.4	21.1	11.7	inf	-
		11	34	1734.4	231.1	32870.0	175.2	23.3	3.1	1.4	47.5	10.3
		11	35	1039.1	306.1	4329.0	105.0	30.9	3.1	3.1	28.2	13.5
		11	38	359.9	216.1	98.0	36.3	21.8	2.5	20.5	9.1	86.0
		11	42	641.2	55.8	8467.0	68.3	5.9	11.4	1.3	72.8	147.0
		11	44	272.9	23.6	2399.0	29.1	2.5	15.7	1.6	inf	-
		11	45	1697.5	273.4	24459.0	180.8	29.1	9.2	1.7	119.5	117.0
		11	49	447.9	41.7	5129.0	47.7	4.4	15.8	2.8	inf	-
		11	50	364.9	46.7	1320.0	38.9	5.0	23.2	2.9	inf	-
		11	52	360.1	22.9	19177.0	40.1	2.5	11.4	1.0	38.5	32.1
		11	55	1329.9	199.3	35183.0	148.0	22.2	10.6	1.1	139.7	212.9
		11	59	394.9	35.2	4075.0	44.0	3.9	15.6	2.4	inf	-
		11	66	394.5	33.5	5532.0	45.4	3.9	13.7	1.6	inf	-
		11	68	431.4	62.3	1856.0	49.6	7.2	13.9	3.9	inf	-
		11	69	413.1	29.9	7814.0	47.5	3.4	11.6	1.7	49.5	103.6
		11	70	249.4	30.9	1099.0	28.7	3.6	17.2	3.3	inf	-
		11	71	1789.7	292.6	15487.0	205.8	33.7	7.0	1.5	91.0	35.3
		11	72	1573.5	122.2	132986.0	180.9	14.1	1.6	1.5	42.4	7.5
		11	73	376.0	115.0	552.0	43.2	13.2	11.2	4.6	39.0	100.0
		11	75	319.4	43.2	1382.0	36.7	5.0	12.5	3.2	53.1	82.4
		11	76	167.9	139.9	285.0	19.3	16.1	0.8	8.9	4.2	5.2
		11	77	559.1	53.9	3598.0	64.3	6.2	16.4	3.4	inf	-
		11	79	473.8	42.7	9398.0	54.5	4.9	9.0	1.8	31.0	20.6
		11	80	262.1	64.9	227.0	30.1	7.5	21.3	3.8	inf	-
		11	83	936.0	105.4	117250.0	107.6	12.1	6.2	1.9	41.2	15.0
		11	84	466.8	46.5	3008.0	53.7	5.3	8.7	1.7	28.8	15.4

11	87	454.0	57.5	2211.0	52.2	6.6	5.1	2.2	17.1	6.0
11	88	469.6	46.2	2950.0	54.0	5.3	14.8	3.0	inf	-
11	89	471.0	47.8	2783.0	54.2	5.5	13.7	2.0	inf	-
11	93	980.6	85.4	38517.0	112.8	9.8	6.5	1.2	44.8	10.6
12	1	1085.0	296.7	601.0	88.6	24.2	2.0	6.9	21.4	21.1
12	4	635.0	198.0	329.0	51.9	16.2	18.2	5.7	inf	-
12	8	1072.7	253.0	1995.0	87.6	20.7	2.1	3.3	21.5	8.7
12	9	1023.1	99.1	10053.0	83.6	8.1	6.8	1.7	34.5	12.0
12	11	209.3	32.3	670.0	18.5	2.9	7.6	2.2	7.9	3.9
12	13	270.7	23.5	4746.0	24.0	2.1	12.8	2.3	34.4	52.5
12	19	1607.2	184.9	33365.0	142.2	16.4	8.7	2.4	82.1	125.3
12	20	1526.5	1227.4	906.0	135.1	108.6	17.6	8.2	inf	-
12	21	1824.9	189.9	7037.0	172.5	17.9	0.0	2.7	35.0	6.4
12	22	1569.5	179.3	14427.0	148.3	16.9	7.9	3.8	75.0	344.5
12	23	262.8	31.9	2343.0	24.8	3.0	11.6	3.0	22.6	56.0
12	24	829.4	162.2	1414.0	78.4	15.3	8.0	3.0	38.3	50.6
12	26	910.2	99.2	8731.0	86.0	9.4	10.4	2.1	70.4	192.4
12	27	727.5	146.2	966.0	68.7	13.8	8.4	2.8	35.9	51.4
12	32	1139.4	110.5	18340.0	115.1	11.2	9.5	2.4	77.8	261.1
12	35	223.5	306.9	230.0	22.6	31.0	-5.0	19.5	4.6	7.5
12	45	1401.4	109.9	35445.0	149.3	11.7	2.2	1.1	36.9	5.6
12	48	590.5	44.5	10796.0	62.9	4.7	7.7	1.7	29.1	11.6
12	49	951.9	97.3	10995.0	101.4	10.4	8.7	2.1	56.9	50.3
12	51	1700.9	256.9	12591.0	189.3	28.6	3.5	1.5	53.7	13.4
12	54	454.8	100.0	636.0	50.6	11.1	9.8	6.6	32.9	118.6
12	60	271.9	113.9	1113.0	30.3	12.7	34.1	5.9	inf	-
12	61	624.2	79.5	2574.0	71.8	9.1	9.8	1.9	48.9	69.5
12	62	1665.6	344.9	9722.0	191.5	39.7	5.7	4.5	70.2	116.3
12	66	458.4	37.6	15634.0	52.7	4.3	5.7	1.6	18.4	4.8
12	68	377.0	40.4	1851.0	43.3	4.6	15.3	2.6	inf	-
12	73	479.9	42.6	7103.0	55.2	4.9	12.6	1.3	106.6	114.6
12	75	755.6	104.7	2857.0	86.9	12.0	10.0	2.0	63.3	195.1
12	78	1904.8	436.8	11835.0	219.0	50.2	2.3	2.2	55.1	18.7
12	80	560.1	51.2	8488.0	64.4	5.9	9.3	2.9	39.0	147.4
12	81	832.0	200.8	1471.0	95.7	23.1	15.2	3.7	inf	-
12	83	455.4	41.4	10870.0	52.4	4.8	16.0	2.1	inf	-
12	88	726.2	324.4	216.0	83.5	37.3	2.0	8.8	20.2	45.5
12	90	304.7	48.5	1476.0	35.0	5.6	14.5	3.6	inf	-
12	95	1126.3	99.2	49058.0	129.5	11.4	6.1	2.5	49.5	25.6
12	100	891.3	124.7	4830.0	102.5	14.3	3.3	3.3	28.1	12.4

Sample	Lab ID	Disc #	Equivalent		N.Signal	Dose			Corrected			
			Grain #	Dose [Gy]		Error	Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI39	UW3031	13	1	1795.0	354.0	21503.0	146.7	28.9	8.5	2.8	88.4	360.4
		13	8	2524.3	1023.6	425.0	206.2	83.6	36.3	24.4	inf	-
		13	12	670.4	105.2	2456.0	59.3	9.3	7.6	3.2	28.8	36.3
		13	16	1201.0	100.0	32391.0	106.3	8.9	3.2	1.1	30.9	5.2

13	18	1486.7	119.4	49476.0	131.6	10.6	4.9	4.2	46.4	41.1
13	19	2480.7	397.7	6704.0	219.5	35.2	2.8	4.1	61.7	33.0
13	20	1524.1	96.4	25942.0	134.9	8.5	1.4	3.2	33.2	9.4
13	23	1233.0	139.3	6485.0	116.5	13.2	10.0	4.1	96.3	286.6
13	26	974.5	109.1	2191.0	92.1	10.3	8.6	4.6	54.7	229.1
13	27	450.3	45.6	2091.0	42.6	4.3	13.2	4.2	inf	-
13	30	445.7	47.5	2953.0	42.1	4.5	4.8	4.3	14.2	10.7
13	31	272.1	65.4	356.0	27.5	6.6	15.3	5.0	inf	-
13	33	269.7	34.3	3552.0	27.2	3.5	17.9	2.4	inf	-
13	34	559.6	98.1	988.0	56.5	9.9	14.0	4.8	inf	-
13	37	330.1	39.1	2542.0	33.3	3.9	10.9	1.8	28.9	79.1
13	38	460.2	69.5	870.0	46.5	7.0	18.1	2.7	inf	-
13	42	739.3	68.7	7553.0	78.7	7.3	0.4	2.1	17.7	2.9
13	43	431.8	70.3	1056.0	46.0	7.5	12.8	4.4	99.0	112.5
13	44	873.5	100.9	5831.0	93.0	10.7	5.8	1.8	36.1	12.0
13	45	845.9	67.8	11194.0	90.1	7.2	11.6	1.9	123.8	209.9
13	46	2315.5	312.3	28584.0	246.6	33.3	4.4	2.8	82.5	37.8
13	48	498.1	53.4	3169.0	53.0	5.7	6.3	2.7	21.4	11.6
13	53	228.8	19.7	4050.0	25.5	2.2	12.4	1.4	33.8	58.0
13	55	1155.1	162.5	2036.0	128.6	18.1	4.5	3.1	43.4	22.6
13	58	569.2	277.6	4348.0	63.4	30.9	9.1	1.8	39.9	33.5
13	59	427.8	49.1	3041.0	47.6	5.5	9.7	1.8	32.9	30.3
13	60	1230.4	248.3	1472.0	136.9	27.6	1.0	6.9	32.3	24.6
13	61	1033.6	127.7	4972.0	118.9	14.7	2.1	2.1	31.0	7.9
13	67	841.5	109.7	3352.0	96.8	12.6	9.4	3.6	67.0	238.0
13	71	507.9	62.1	3634.0	58.4	7.1	5.3	2.0	20.9	7.1
13	72	460.6	32.8	8064.0	53.0	3.8	9.1	2.0	33.0	28.0
13	74	304.6	93.2	198.0	35.0	10.7	27.1	9.6	inf	-
13	76	903.2	346.3	821.0	103.9	39.8	13.4	4.0	inf	-
13	78	675.9	126.4	803.0	77.7	14.5	12.9	4.3	inf	-
13	81	640.4	95.2	1487.0	73.6	10.9	14.9	3.2	inf	-
13	82	455.1	44.1	2278.0	52.3	5.1	16.6	3.5	inf	-
13	83	189.5	34.3	501.0	21.8	3.9	13.7	3.3	72.2	53.3
13	84	1504.9	141.5	20741.0	173.1	16.3	8.3	5.4	102.1	432.5
13	85	881.5	129.3	8033.0	101.4	14.9	-0.6	1.9	22.0	3.7
13	87	1426.9	218.1	8636.0	164.1	25.1	0.1	2.7	36.1	8.0
13	89	350.0	35.4	2293.0	40.2	4.1	10.3	3.2	30.9	98.1
13	90	1414.3	148.2	14307.0	162.6	17.0	4.4	2.8	54.3	24.1
13	92	353.3	145.1	313.0	40.6	16.7	16.5	12.4	inf	-
13	97	2571.8	876.9	151761.0	295.8	100.8	-0.1	2.5	64.2	23.6
13	100	1160.4	295.9	952.0	133.4	34.0	5.2	5.0	48.6	84.4
14	7	1117.0	191.0	1040.0	91.3	15.6	21.2	6.3	inf	-
14	9	890.6	97.5	6550.0	72.8	8.0	6.5	3.1	30.8	23.6
14	10	484.9	73.1	667.0	39.6	6.0	17.3	7.2	inf	-
14	13	1686.1	130.2	32730.0	149.2	11.5	5.3	2.6	55.1	26.2
14	14	1569.1	127.7	20252.0	138.9	11.3	2.1	2.1	36.4	8.9
14	17	402.2	55.7	1364.0	35.6	4.9	11.1	3.1	32.8	86.1

14	24	452.3	50.2	2147.0	42.7	4.7	13.7	3.5	inf	-
14	25	293.6	31.9	1609.0	27.7	3.0	11.6	3.7	28.2	67.5
14	27	332.8	44.2	2118.0	31.4	4.2	9.2	2.6	18.8	29.3
14	29	807.0	111.9	2242.0	76.3	10.6	11.7	4.0	103.6	185.5
14	30	782.7	136.1	9810.0	74.0	12.9	12.4	9.1	159.4	187.3
14	35	235.4	65.0	336.0	23.8	6.6	10.6	5.4	18.2	59.1
14	37	2925.0	1328.6	21146.0	295.4	134.2	7.1	2.9	144.6	175.8
14	38	378.9	66.2	1344.0	38.3	6.7	10.8	3.6	32.8	93.5
14	39	1656.2	143.1	15372.0	167.3	14.5	2.1	3.9	43.8	18.4
14	40	718.2	43.9	14534.0	72.5	4.4	8.3	1.3	39.7	13.2
14	43	408.8	36.5	4650.0	43.5	3.9	9.7	2.8	29.9	106.1
14	46	736.9	83.6	4936.0	78.5	8.9	10.3	3.3	65.8	191.2
14	47	658.2	92.1	2089.0	70.1	9.8	13.9	6.2	inf	-
14	48	2250.5	300.9	22825.0	239.7	32.0	3.5	6.7	72.5	166.2
14	51	390.5	405.7	219.0	43.5	45.2	-22.3	40.5	9.4	9.8
14	52	647.3	94.7	3117.0	72.0	10.5	10.6	2.2	65.2	172.3
14	59	359.6	57.1	2010.0	40.0	6.4	6.9	5.1	17.2	100.5
14	60	567.1	37.6	20399.0	63.1	4.2	10.5	1.9	53.9	150.2
14	61	500.9	44.1	6552.0	57.6	5.1	12.1	2.9	85.7	137.1
14	63	1304.9	147.2	49994.0	150.1	16.9	4.2	2.2	49.1	16.2
14	67	1388.9	155.7	44197.0	159.7	17.9	2.8	2.5	44.9	14.4
14	68	445.5	69.1	4436.0	51.2	7.9	11.5	5.1	58.4	126.3
14	70	1215.0	550.5	1244.0	139.7	63.3	8.4	9.0	82.8	354.7
14	72	321.6	28.3	4254.0	37.0	3.3	9.4	3.4	23.3	91.0
14	74	358.9	101.5	3033.0	41.3	11.7	12.6	3.6	71.7	101.1
14	75	747.1	249.0	580.0	85.9	28.6	8.5	4.1	49.4	213.9
14	77	764.0	357.1	653.0	87.9	41.1	5.5	3.9	32.8	31.9
14	82	264.4	23.5	3500.0	30.4	2.7	17.6	2.7	inf	-
14	83	1532.9	192.5	31530.0	176.3	22.1	-0.6	2.3	38.3	6.1
14	85	1028.5	126.8	5049.0	118.3	14.6	5.3	2.6	43.3	20.5
14	86	832.5	122.6	1458.0	95.7	14.1	5.1	4.5	34.3	37.5
14	88	974.7	99.9	17037.0	112.1	11.5	3.4	2.2	33.3	9.7
14	89	566.8	82.7	1881.0	65.2	9.5	9.9	5.6	49.1	162.2
14	91	638.5	95.8	2365.0	73.4	11.0	-0.8	5.4	15.9	4.9
14	97	871.7	287.0	803.0	100.2	33.0	6.5	4.8	42.7	252.1
14	98	704.8	105.9	2721.0	81.0	12.2	7.6	4.5	40.1	202.5
14	100	290.7	70.8	343.0	33.4	8.1	18.5	7.5	inf	-

Sample	Lab ID	Disc #	Grain #	Equivalent		N.Signal	Dose			Corrected		
				Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI41	UW3032	15	2	1056.0	163.3	5292.0	86.3	13.3	15.0	5.6	inf	-
		15	5	187.8	13.0	2910.0	15.3	1.1	14.1	1.1	inf	-
		15	6	234.5	48.9	2809.0	19.2	4.0	16.9	6.1	inf	-
		15	7	532.3	56.7	9848.0	43.5	4.6	9.2	3.9	31.0	122.9
		15	8	463.7	51.2	2818.0	37.9	4.2	10.6	3.1	36.0	105.2
		15	9	1067.8	110.6	35203.0	87.2	9.0	4.0	2.8	31.4	12.7
		15	12	1474.9	115.2	40662.0	130.5	10.2	3.9	3.8	46.9	28.0

15	16	872.3	70.2	11928.0	77.2	6.2	6.9	1.8	39.9	15.9
15	18	380.0	54.3	1284.0	33.6	4.8	17.8	6.0	inf	-
15	22	484.8	131.9	490.0	45.8	12.5	3.5	5.5	15.5	14.3
15	34	1474.5	261.6	6052.0	148.9	26.4	3.6	3.5	52.0	27.6
15	35	1536.2	123.3	29255.0	155.2	12.5	5.0	1.2	63.8	13.2
15	37	387.5	248.9	199.0	39.1	25.1	14.8	7.8	inf	-
15	42	1789.0	495.2	14495.0	190.5	52.7	6.3	6.3	93.9	550.4
15	45	475.0	161.7	360.0	50.6	17.2	10.7	4.7	51.7	143.5
15	47	681.9	262.1	287.0	72.6	27.9	-8.3	3.9	18.0	7.0
15	51	415.2	58.8	1278.0	46.2	6.5	3.1	5.8	15.1	13.1
15	53	902.0	106.8	4894.0	100.4	11.9	3.5	4.4	34.6	22.9
15	55	1072.2	249.5	2868.0	119.3	27.8	7.8	2.3	71.7	55.2
15	57	540.2	49.1	4979.0	60.1	5.5	8.0	1.6	36.1	15.1
15	60	642.3	52.0	20413.0	71.5	5.8	5.2	3.6	29.4	20.4
15	61	342.6	29.3	5282.0	39.4	3.4	6.4	2.9	18.4	11.2
15	70	1117.5	405.7	601.0	128.5	46.7	1.8	9.8	37.6	371.2
15	72	252.5	42.5	1267.0	29.0	4.9	8.2	2.9	17.0	18.4
15	76	765.6	149.0	12579.0	88.0	17.1	10.3	1.3	87.6	79.0
15	79	2009.3	359.0	11871.0	231.1	41.3	1.7	2.3	66.9	19.3
15	80	896.9	93.6	34045.0	103.1	10.8	1.0	4.5	27.9	10.5
15	82	456.4	63.4	2410.0	52.5	7.3	14.6	3.7	inf	-
15	84	278.3	38.3	2498.0	32.0	4.4	9.3	4.5	22.5	90.8
15	86	1116.4	152.2	6876.0	128.4	17.5	12.4	4.4	inf	-
15	90	383.9	47.6	2402.0	44.1	5.5	6.7	5.5	21.5	127.0
15	91	477.1	63.4	3786.0	54.9	7.3	11.8	2.5	84.2	148.7
15	97	221.5	40.4	795.0	25.5	4.6	12.9	4.2	54.3	71.0
15	98	259.6	71.3	463.0	29.9	8.2	5.7	5.9	12.7	86.2
15	100	231.1	43.7	730.0	26.6	5.0	2.7	4.2	8.3	4.0
16	1	941.8	184.5	2203.0	76.9	15.1	11.8	2.7	131.0	210.0
16	8	1339.9	335.9	1820.0	109.5	27.4	8.2	7.4	70.5	315.7
16	11	1069.5	244.0	605.0	94.6	21.6	4.2	6.0	35.0	63.2
16	13	282.4	63.4	636.0	25.0	5.6	0.8	3.2	6.6	2.0
16	17	846.8	196.5	878.0	74.9	17.4	4.5	5.6	28.6	44.9
16	20	458.3	262.8	236.0	40.6	23.3	13.6	7.9	inf	-
16	23	927.8	224.2	828.0	87.7	21.2	7.7	5.0	51.5	251.0
16	26	852.2	73.6	12131.0	80.5	7.0	8.3	1.4	51.5	20.6
16	29	1629.5	212.2	31697.0	154.0	20.1	4.7	1.6	60.6	16.5
16	30	1090.1	211.0	6656.0	103.0	19.9	14.8	3.2	inf	-
16	31	795.3	82.0	4760.0	80.3	8.3	8.8	1.6	56.6	31.3
16	38	461.1	62.3	1489.0	46.6	6.3	19.5	2.6	inf	-
16	41	1156.2	84.1	24188.0	123.1	9.0	14.0	2.1	inf	-
16	42	427.0	55.9	1942.0	45.5	6.0	13.1	3.2	inf	-
16	43	288.4	67.2	846.0	30.7	7.2	13.5	3.5	inf	-
16	44	1790.0	365.9	7526.0	190.6	39.0	6.6	2.7	98.0	73.3
16	53	805.4	62.9	16379.0	89.6	7.0	2.6	1.6	28.1	5.7
16	55	228.4	34.5	1034.0	25.4	3.8	11.9	3.7	33.2	70.5
16	56	440.7	40.5	10131.0	49.0	4.5	5.8	2.1	21.4	8.0

16	57	2703.1	956.8	1590.0	300.9	106.5	-0.6	7.1	74.7	47.0
16	59	304.8	30.4	1763.0	33.9	3.4	10.7	1.8	32.3	92.4
16	61	2213.1	723.3	390.0	254.5	83.2	-11.1	9.9	63.2	20.9
16	62	976.1	126.9	4117.0	112.3	14.6	5.8	2.2	50.6	21.3
16	63	1547.5	176.5	16392.0	178.0	20.3	2.4	2.7	55.3	17.9
16	65	260.4	23.9	5793.0	29.9	2.7	4.6	2.0	11.2	3.2
16	67	315.7	27.9	10290.0	36.3	3.2	9.6	1.2	27.6	11.3
16	68	608.1	51.1	6189.0	69.9	5.9	8.0	1.6	42.0	17.2
16	69	582.3	85.6	4591.0	67.0	9.8	6.0	2.4	30.5	14.4
16	72	701.6	85.2	5438.0	80.7	9.8	18.0	6.6	inf	-
16	73	1137.4	85.4	61881.0	130.8	9.8	9.8	3.4	123.2	365.2
16	78	791.0	77.9	11764.0	91.0	9.0	2.5	1.3	28.2	5.0
16	79	1246.4	240.7	5162.0	143.3	27.7	12.9	3.7	inf	-
16	83	642.8	47.6	13020.0	73.9	5.5	12.5	1.7	243.0	191.1
16	85	950.5	266.6	1817.0	109.3	30.7	16.8	5.7	inf	-
16	86	113.4	20.8	564.0	13.0	2.4	18.1	4.8	inf	-
16	87	219.1	46.9	333.0	25.2	5.4	7.9	3.6	14.0	23.8
16	92	118.0	13.6	917.0	13.6	1.6	12.3	3.7	16.8	37.6
16	94	915.9	161.9	1454.0	105.3	18.6	13.8	7.1	inf	-
16	95	423.1	32.8	4694.0	48.7	3.8	9.2	2.2	35.1	38.7
16	97	369.6	30.1	4859.0	42.5	3.5	11.2	2.1	49.4	115.2
16	99	304.4	21.2	12598.0	35.0	2.4	11.6	2.1	43.9	94.3

Sample	Lab ID	Disc #	Grain #	Equivalent		N.Signal	Dose			Corrected		
				Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
13SI20	UW3201	1	2	1212.0	200.3	3016.0	96.8	16.0	-1.6	9.7	19.9	12.9
		1	4	728.4	100.7	6969.0	58.2	8.0	4.7	2.8	18.7	8.2
		1	5	511.0	70.8	1491.0	40.8	5.7	11.4	3.3	40.3	93.6
		1	11	182.8	15.7	4390.0	15.8	1.4	8.0	2.6	7.1	4.6
		1	12	199.0	79.4	450.0	17.2	6.9	2.1	7.9	4.2	4.9
		1	13	310.3	23.3	5212.0	26.8	2.0	9.9	4.0	17.0	62.7
		1	14	384.5	29.4	5375.0	33.3	2.5	11.2	3.5	29.2	76.5
		1	17	961.6	92.9	16437.0	83.2	8.0	1.5	2.2	19.4	4.2
		1	19	289.8	29.2	1642.0	25.1	2.5	12.3	4.6	29.2	58.0
		1	20	16.4	16.2	95.0	1.4	1.4	15.3	3.2	1.8	2.7
		1	21	1073.1	94.5	22046.0	99.2	8.7	-2.2	3.5	20.4	2.3
		1	24	1296.7	396.4	3311.0	119.8	36.6	9.4	2.5	80.6	276.6
		1	26	461.5	77.5	2460.0	42.6	7.2	17.6	2.5	inf	-
		1	27	156.6	16.1	1489.0	14.5	1.5	18.0	2.6	inf	-
		1	31	715.3	105.7	3749.0	70.7	10.4	18.4	3.3	inf	-
		1	34	493.6	47.9	6503.0	48.8	4.7	7.1	2.9	20.7	15.4
		1	35	180.2	9.8	7465.0	17.8	1.0	7.9	2.6	7.9	5.1
		1	36	1013.3	424.7	1125.0	100.1	42.0	0.5	4.0	21.5	10.8
		1	37	1034.9	273.8	19423.0	102.2	27.0	10.5	4.7	89.8	239.6
		1	41	1041.8	179.0	1075.0	108.6	18.7	7.5	7.2	51.4	259.4
		1	42	981.0	227.7	585.0	102.2	23.7	19.7	9.3	inf	-
		1	43	496.8	32.4	19089.0	51.8	3.4	2.9	1.8	13.7	2.9

1	46	737.6	84.8	5446.0	76.9	8.8	21.9	5.7	inf	-
1	49	265.3	17.0	5071.0	27.6	1.8	16.6	4.2	inf	-
1	50	154.2	12.5	2183.0	16.1	1.3	3.9	3.3	4.6	1.9
1	53	198.6	15.7	3515.0	21.6	1.7	17.2	2.1	inf	-
1	54	588.8	49.4	10566.0	64.1	5.4	6.8	2.9	26.4	19.0
1	56	540.7	504.0	368.0	58.9	54.9	11.0	6.4	54.6	147.6
1	72	137.0	32.2	292.0	15.4	3.6	21.9	4.3	inf	-
1	73	1014.4	74.8	65123.0	114.1	8.4	-1.9	4.7	23.5	3.5
1	77	117.3	12.9	1742.0	13.2	1.4	5.6	3.7	4.4	2.7
1	80	143.8	90.8	314.0	16.2	10.2	11.8	18.3	14.7	39.8
1	81	574.3	45.8	6148.0	64.6	5.2	12.3	3.2	106.6	146.2
1	82	608.7	67.4	5979.0	68.5	7.6	13.7	3.7	inf	-
1	85	969.6	456.3	2238.0	109.1	51.3	0.7	4.6	23.8	13.9
1	88	1104.0	93.6	55853.0	124.2	10.5	7.5	4.1	58.8	293.1
1	90	602.2	196.1	767.0	67.8	22.1	14.6	9.3	inf	-
1	91	591.8	47.7	2733.0	66.6	5.4	13.4	6.2	inf	-
1	97	219.2	36.1	427.0	24.7	4.1	5.4	4.3	8.3	7.3
1	99	429.2	43.8	3599.0	48.3	4.9	9.3	4.1	29.4	113.1
2	7	1144.7	106.6	19162.0	91.5	8.5	9.0	1.8	55.9	45.4
2	8	1155.2	86.4	34047.0	92.3	6.9	0.9	2.3	20.5	3.9
2	14	218.0	47.2	904.0	18.9	4.1	25.1	4.7	inf	-
2	16	1570.8	246.3	18361.0	135.9	21.3	9.3	2.0	91.7	186.6
2	19	236.2	46.9	406.0	20.4	4.1	2.8	4.2	5.3	2.6
2	22	302.1	44.4	1088.0	27.9	4.1	-1.6	3.2	5.7	1.0
2	24	1080.0	155.7	7961.0	99.8	14.4	7.5	2.8	46.6	45.7
2	25	507.4	38.7	5160.0	46.9	3.6	21.3	4.8	inf	-
2	26	1567.9	179.8	15004.0	144.9	16.6	9.4	2.0	101.2	239.1
2	29	402.3	68.9	860.0	37.2	6.4	12.4	5.9	51.4	87.2
2	30	1018.3	286.1	919.0	94.1	26.4	-3.2	4.9	19.4	5.6
2	34	277.3	31.2	877.0	27.4	3.1	20.0	3.4	inf	-
2	37	544.6	94.7	3115.0	53.8	9.4	4.2	3.5	16.3	8.7
2	38	73.8	10.8	573.0	7.3	1.1	0.2	3.2	1.5	0.3
2	39	892.5	56.3	68071.0	88.2	5.6	3.8	1.7	25.8	6.0
2	42	50.8	15.0	166.0	5.3	1.6	9.0	4.3	2.5	9.8
2	44	683.3	156.9	862.0	71.2	16.4	9.0	3.8	41.9	166.8
2	45	66.3	26.3	205.0	6.9	2.7	34.1	3.5	inf	-
2	49	572.3	47.5	35304.0	59.6	5.0	3.6	2.4	17.0	5.2
2	50	267.2	23.4	2038.0	27.8	2.4	9.9	3.1	17.8	64.5
2	51	932.1	85.0	19057.0	101.5	9.3	6.3	2.4	40.2	20.6
2	53	2.8	5.4	119.0	0.3	0.6	12.7	2.2	0.2	0.3
2	56	1848.0	401.0	249870.0	201.2	43.7	4.2	1.4	62.3	18.2
2	57	130.1	10.2	1640.0	14.2	1.1	14.0	1.5	39.0	29.6
2	58	133.3	14.0	948.0	14.5	1.5	4.1	2.8	4.2	1.5
2	59	481.3	59.4	1686.0	52.4	6.5	4.5	3.5	16.3	9.1
2	60	302.3	30.5	1265.0	32.9	3.3	19.6	3.3	inf	-
2	61	191.9	17.1	2029.0	21.6	1.9	15.7	2.0	inf	-
2	66	864.7	91.8	6986.0	97.3	10.3	3.3	2.1	27.1	7.6

2	70	886.1	60.4	16740.0	99.7	6.8	5.0	1.9	33.5	9.9
2	72	337.9	27.6	6438.0	38.0	3.1	4.8	1.8	12.1	3.3
2	75	502.1	28.9	21806.0	56.5	3.3	8.1	1.3	28.2	9.0
2	77	775.2	50.7	39871.0	87.2	5.7	6.1	1.3	33.2	7.8
2	81	425.6	41.6	3849.0	47.9	4.7	9.7	2.1	31.1	44.7
2	84	6.8	5.8	177.0	0.8	0.7	8.8	2.4	0.3	0.3
2	85	396.8	30.9	6214.0	44.6	3.5	3.0	2.4	12.0	3.4
2	90	854.2	40.0	28495.0	96.1	4.5	3.2	2.1	26.6	6.8
2	93	824.2	93.8	9927.0	92.7	10.5	5.9	5.2	34.5	221.2
2	94	185.4	16.5	1069.0	20.9	1.9	23.4	3.6	inf	-
2	95	52.6	23.0	60.0	5.9	2.6	7.2	5.5	2.3	11.1
2	96	228.2	13.8	6947.0	25.7	1.6	8.1	2.3	12.1	7.4
2	98	739.6	97.2	7979.0	83.2	10.9	8.9	2.5	49.2	103.5

Sample	Lab ID	Disc #	Grain #	Equivalent		N.Signal	Dose			Corrected		
				Dose [Gy]	Error		Rate [Gy]	Error	g-value	Error	Age [ka]	Error
S032508-21	UW2038	11	2	989.3	289.1	1148.0	78.8	23.0	13.4	4.7	inf	-
		11	13	1290.8	367.5	3804.0	111.5	31.8	6.5	8.4	51.8	302.6
		11	15	357.5	29.1	22443.0	30.9	2.5	4.4	3.5	10.8	5.7
		11	17	808.1	81.9	14122.0	69.8	7.1	13.8	2.0	inf	-
		11	20	1083.6	369.6	416.0	93.6	31.9	13.2	11.1	inf	-
		11	28	930.7	130.7	11136.0	85.8	12.0	9.2	5.0	61.9	229.1
		11	32	996.1	628.2	758.0	98.1	61.9	-6.1	7.0	22.9	14.5
		11	33	235.0	44.8	3164.0	23.1	4.4	10.1	2.9	17.3	60.7
		11	34	560.4	47.5	7942.0	55.2	4.7	5.9	2.3	23.2	9.9
		11	35	93.8	12.4	1006.0	9.2	1.2	8.5	1.5	4.9	1.7
		11	36	549.1	60.1	4908.0	54.1	5.9	6.4	2.9	24.0	15.7
		11	43	597.3	94.5	3331.0	62.1	9.8	4.1	2.8	21.1	8.9
		11	45	982.5	145.0	6115.0	102.1	15.1	9.2	2.6	74.3	267.4
		11	51	926.6	682.1	711.0	100.6	74.1	-0.4	8.5	23.5	24.5
		11	52	546.3	45.9	6242.0	59.3	5.0	7.4	1.5	30.3	10.4
		11	55	219.9	22.7	1828.0	23.9	2.5	9.5	6.1	16.1	64.0
		11	56	236.6	26.4	1923.0	25.7	2.9	11.5	3.1	27.8	66.5
		11	57	1009.4	282.8	566.0	109.6	30.7	14.5	4.6	inf	-
		11	59	473.5	33.2	17372.0	51.4	3.6	2.8	3.2	15.4	5.7
		11	62	1244.5	119.5	8407.0	139.6	13.4	8.6	3.1	93.7	368.8
		11	64	1804.2	196.0	162214.0	202.4	22.0	2.2	2.8	57.7	18.4
		11	66	265.4	28.5	2810.0	29.8	3.2	8.2	5.0	16.4	79.9
		11	67	303.5	21.2	11740.0	34.1	2.4	-3.6	3.6	7.9	0.8
		11	69	241.1	47.4	553.0	27.1	5.3	12.2	6.4	36.4	72.3
		11	70	376.6	71.5	1123.0	42.2	8.0	8.9	3.7	27.1	112.1
		11	72	306.1	37.2	3568.0	34.3	4.2	4.8	1.4	12.5	2.8
		11	73	322.9	24.6	6849.0	36.2	2.8	9.8	1.3	26.8	13.2
		11	76	1150.9	144.3	29858.0	129.1	16.2	1.4	2.7	34.0	9.0
		11	79	276.0	234.8	137.0	31.0	26.3	14.3	10.8	inf	-
		11	86	452.0	31.5	11243.0	50.7	3.5	8.1	2.7	28.7	28.6
		11	89	771.4	63.6	15914.0	86.6	7.1	8.8	2.0	58.1	53.8

11	91	380.3	32.3	4374.0	42.7	3.6	7.8	2.1	22.6	11.9
11	92	481.0	38.9	7081.0	54.0	4.4	8.1	2.2	30.5	19.9
11	93	1006.7	313.9	822.0	113.0	35.2	11.0	6.8	142.3	305.0
11	98	372.1	29.3	5886.0	41.8	3.3	5.6	1.8	16.7	4.9
11	99	173.4	24.2	5460.0	19.5	2.7	9.8	3.6	13.5	51.4
11	100	693.9	109.7	18114.0	77.9	12.3	-0.2	3.7	18.2	4.6
12	66	619.7	50.1	15170.0	69.5	5.6	10.0	4.2	58.9	183.9
12	74	798.1	111.9	9019.0	89.5	12.6	-1.1	10.0	20.9	17.4
12	75	350.1	34.1	3381.0	39.3	3.8	-0.7	18.2	9.2	106.5
12	76	224.3	57.0	402.0	25.2	6.4	-5.6	6.8	5.9	1.5
12	89	845.3	432.1	449.0	94.8	48.5	1.8	10.0	26.0	257.4
13	7	566.8	120.0	853.0	44.0	9.3	1.1	6.8	11.2	7.9
13	18	472.2	84.5	1940.0	39.7	7.1	-3.3	7.1	9.3	2.1
13	19	2284.5	890.2	1715.0	191.9	74.8	-4.3	9.5	44.8	19.6
13	21	336.7	49.3	1884.0	30.2	4.4	24.3	8.9	inf	-
13	27	644.3	173.4	2002.0	57.8	15.6	-5.6	8.8	13.5	3.8
13	33	392.6	40.3	3163.0	37.6	3.9	18.4	9.1	inf	-
13	34	462.2	206.7	1192.0	44.3	19.8	9.1	7.6	29.2	120.3
13	37	409.7	77.7	3427.0	39.2	7.4	7.9	7.0	21.1	106.2
13	45	313.3	35.4	1370.0	31.7	3.6	8.1	8.1	17.4	85.9
13	47	614.9	89.6	4644.0	62.2	9.1	27.8	11.9	inf	-
13	48	933.1	991.9	12188.0	94.3	100.3	-7.8	7.4	22.0	23.4
13	52	688.5	58.6	7868.0	72.7	6.2	14.1	8.3	inf	-
13	59	2293.7	353.4	6873.0	242.2	37.3	4.0	8.0	83.2	656.6
13	61	1157.5	109.2	33882.0	126.4	11.9	2.6	4.5	37.3	20.8
13	65	371.3	54.4	2885.0	40.5	5.9	7.1	7.6	19.5	109.9
13	66	1169.5	513.6	2596.0	127.7	56.1	-4.9	8.3	29.8	13.4
13	70	585.0	124.6	2430.0	63.9	13.6	7.3	8.1	32.5	173.3
13	72	573.0	65.3	2911.0	62.6	7.1	13.8	9.9	inf	-
13	84	325.2	28.2	3413.0	35.5	3.1	14.2	10.1	inf	-
13	85	1252.9	197.1	13926.0	136.8	21.5	3.7	7.5	45.3	370.9
13	93	457.8	42.5	4095.0	50.0	4.6	4.6	8.0	17.8	135.5
13	100	181.0	21.5	1728.0	19.8	2.3	-10.3	9.3	4.6	0.6
14	4	172.7	60.8	5131.0	13.4	4.7	-31.7	18.0	3.1	1.1
14	16	1026.6	97.0	33894.0	86.2	8.1	-7.3	8.4	20.1	2.3
14	24	1293.9	677.0	454.0	116.1	60.7	5.7	7.7	48.5	315.6
14	36	237.9	58.1	904.0	22.8	5.6	-8.1	7.9	5.3	1.3
14	40	1421.0	303.1	4673.0	136.1	29.0	9.2	0.8	102.7	38.5
14	57	717.1	80.6	12569.0	75.7	8.5	-0.3	10.1	17.7	20.3
14	62	1300.3	125.3	32797.0	142.0	13.7	2.6	10.4	42.2	384.9
14	72	733.3	123.2	18480.0	80.1	13.5	-3.5	4.9	18.7	3.4
14	74	2523.6	1122.6	131674.0	275.6	122.6	-28.4	33.4	64.3	28.9
14	82	512.2	39.2	47708.0	55.9	4.3	1.8	4.0	15.2	5.7
15	12	242.0	51.3	413.0	20.5	4.3	8.3	5.4	11.2	55.1
15	13	559.0	88.8	1187.0	47.3	7.5	13.9	8.3	inf	-
15	14	766.0	66.4	17346.0	64.8	5.6	5.1	1.5	24.9	6.3
15	16	1492.7	106.1	21677.0	126.3	9.0	4.5	1.9	45.8	13.5

15	21	1679.3	251.7	4635.0	151.6	22.7	-5.6	6.1	35.4	5.8
15	22	445.7	189.2	197.0	40.3	17.1	-10.7	7.6	9.4	4.0
15	29	791.3	125.2	11398.0	71.5	11.3	10.8	2.9	76.1	185.3
15	34	583.6	48.6	8658.0	56.3	4.7	4.2	2.7	19.4	7.4
15	37	725.8	74.4	12178.0	70.0	7.2	6.8	3.7	33.2	46.0
15	39	254.6	391.6	546.0	24.6	37.8	-2.9	9.4	5.7	9.0
15	51	472.2	51.2	3802.0	50.2	5.4	5.2	8.7	19.2	136.2
15	53	265.8	25.8	4194.0	28.3	2.7	13.6	4.7	inf	-
15	57	904.2	69.4	24138.0	96.2	7.4	2.6	6.3	28.4	28.3
15	64	941.6	140.2	10861.0	102.7	15.3	6.9	4.7	50.3	276.5
15	65	498.5	43.0	12209.0	54.4	4.7	5.6	1.9	21.9	7.0
15	66	446.6	46.9	43556.0	48.7	5.1	12.4	8.2	95.8	130.9
15	67	371.4	39.4	22668.0	40.5	4.3	3.3	3.1	12.7	5.0
15	76	672.6	55.7	10623.0	74.0	6.1	5.6	4.1	30.1	31.6
15	77	444.9	47.5	12616.0	49.0	5.2	9.8	4.6	37.5	130.1
15	82	209.9	25.7	1231.0	23.5	2.9	1.7	3.6	6.3	2.0
15	86	467.4	53.9	6986.0	52.3	6.0	3.1	7.2	16.1	26.1
15	98	795.7	186.0	429.0	86.5	20.2	0.5	11.0	21.1	65.9
16	1	3.8	1.8	170.0	0.3	0.1	9.1	3.7	0.1	0.1
16	4	1506.2	454.6	6653.0	117.6	35.5	-1.8	2.2	27.4	8.5
16	5	90.2	42.1	197.0	7.0	3.3	10.5	3.6	5.0	14.6
16	6	748.4	126.6	8811.0	58.4	9.9	11.0	4.6	63.9	154.4
16	15	741.8	76.2	6930.0	62.8	6.4	16.0	3.2	inf	-
16	18	673.9	47.2	85623.0	57.0	4.0	5.8	1.3	23.5	5.5
16	24	374.6	45.1	3567.0	33.8	4.1	7.9	5.7	18.0	91.1
16	25	1225.8	468.9	6158.0	110.7	42.3	5.5	5.5	45.0	300.5
16	27	265.1	79.0	526.0	23.9	7.1	10.5	6.3	19.4	64.3
16	28	1215.0	340.0	708.0	109.7	30.7	-2.6	5.9	25.6	8.1
16	35	319.4	22.4	12676.0	30.8	2.2	9.7	1.5	22.0	13.0
16	39	193.4	24.8	709.0	18.7	2.4	14.0	8.1	inf	-
16	43	411.8	38.4	15882.0	41.9	3.9	4.7	4.0	15.1	10.4
16	49	251.8	48.5	1182.0	25.6	4.9	10.9	5.1	23.4	68.1
16	52	329.4	164.0	178.0	35.0	17.5	13.7	7.3	inf	-
16	60	457.0	41.5	7326.0	48.6	4.4	14.2	4.8	inf	-
16	65	313.6	44.2	1436.0	34.2	4.8	12.3	2.9	54.2	87.6
16	70	392.9	72.0	6831.0	42.9	7.9	6.4	3.4	18.9	15.5
16	82	353.0	40.7	2748.0	39.5	4.5	9.4	3.2	27.3	104.0
16	83	773.4	94.1	2026.0	86.5	10.5	-0.5	3.4	20.2	4.0
16	84	634.2	126.6	4688.0	70.9	14.2	5.3	4.7	27.9	37.6
16	99	396.0	35.7	3922.0	43.0	3.9	24.8	4.0	inf	-