

Table S-2 U-Pb analytical results of ilmenite sample HG79 calibrated by zircon 91500 in most probable ablation settings.

Sample No.		Analysis mode	Pb	Th	U			207Pb/235U		206Pb/238U		rho	Note
					Total	232	238		Ratio	2σ	Ratio		
44μm-4J-10Hz	spot		Total	232	238			Ratio	2σ	Ratio	2σ		
44×1μm10Hz	line scan		ppm	ppm	ppm	cps	counts						
2023515A6	79-44-10-01	spot	0.07	0.00	0.18	426	6.4	14.2594	5.5588	0.1509	0.0338	0.57	
2023515A7	79-44-10-02	spot	0.04	0.01	0.19	431	6.5	5.5516	2.0228	0.0839	0.0224	0.73	
2023515A8	79-44-10-03	spot	0.03	0.01	0.24	555	8.3	1.2329	1.1690	0.0492	0.0150	0.32	
2023515A9	79-44-10-04	spot	0.09	0.03	0.25	563	8.4	12.5004	2.8493	0.1522	0.0271	0.78	
2023515A10	79-44-10-05	spot	0.06	0.03	0.30	694	10.4	3.2698	1.1455	0.0718	0.0204	0.81	
2023515A11	79-44-10-06	spot	0.02	0.01	0.16	359	5.4	9.0988	4.3737	0.1153	0.0481	0.87	
2023515A12	79-44-10-07	spot	0.10	0.09	0.11	250	3.7	23.8427	5.3505	0.2587	0.0524	0.90	
2023515A13	79-44-10-08	spot	0.09	0.01	0.25	544	8.2	11.6945	2.5472	0.1361	0.0247	0.83	
2023515A14	79-44-10-09	spot	0.03	0.02	0.09	185	2.8	18.1405	11.2420	0.1769	0.0786	0.72	
2023515A15	79-44-10-10	spot	0.06	0.01	0.20	426	6.4	15.7299	5.9823	0.1709	0.0447	0.69	
2023515A17	79-44-10-12	spot	0.09	0.05	0.24	496	7.4	13.5256	2.9801	0.1370	0.0358	0.99	
2023515A18	79-44-10-13	spot	0.10	0.02	0.22	452	6.8	10.9455	2.0137	0.1305	0.0267	0.99	
2023515A19	79-44-10-14	spot	0.04	0.02	0.12	247	3.7	13.8017	8.6353	0.1618	0.1034	0.99	
2023515A20	79-44-10-15	spot	0.09	0.02	0.27	549	8.2	13.5130	3.8299	0.1611	0.0351	0.77	
2023515A26	79-44-10-16	spot	0.05	0.03	0.16	308	4.6	9.1211	3.0405	0.1115	0.0246	0.66	
2023515A27	79-44-10-17	spot	0.07	0.03	0.17	337	5.1	14.9534	4.2340	0.1645	0.0415	0.89	
2023515A28	79-44-10-18	spot	0.03	0.00	0.14	275	4.1	17.2672	10.0754	0.1752	0.0910	0.89	
2023515A29	79-44-10-19	spot	0.05	0.00	0.12	242	3.6	15.5589	6.2268	0.1632	0.0475	0.73	
2023515A30	79-44-10-20	spot	0.10	0.01	0.19	364	5.5	22.8927	5.7804	0.2569	0.0834	0.99	
2023515A31	79-44-10-21	spot	0.05	0.02	0.28	545	8.2	4.9592	2.6578	0.0830	0.0194	0.44	
2023515A32	79-44-10-22	spot	0.04	0.03	0.31	580	8.7	5.2369	2.2096	0.0794	0.0216	0.64	
2023515A33	79-44-10-23	spot	0.05	0.01	0.33	637	9.6	2.8788	0.9452	0.0626	0.0118	0.57	
2023515A34	79-44-10-24	spot	0.40	0.19	0.31	587	8.8	44.4454	10.1545	0.4356	0.0858	0.86	
2023515A35	79-44-10-25	spot	0.04	0.00	0.10	191	2.9	26.2685	15.0771	0.2900	0.1935	0.99	
2023515A36	79-44-10-26	spot	0.07	0.01	0.24	441	6.6	9.2058	2.4407	0.1184	0.0229	0.73	
2023515A38	79-44-10-28	spot	0.03	0.04	0.45	856	12.8	2.9859	0.8731	0.0641	0.0146	0.78	
2023515A39	79-44-10-29	spot	0.03	0.03	0.28	517	7.8	3.6403	1.5635	0.0673	0.0149	0.51	
2023515A46	79-44-10-31	spot	0.02	0.04	0.06	103	1.5	19.2743	11.3619	0.2157	0.1591	0.99	
2023515A47	79-44-10-32	spot	0.06	0.01	0.49	871	13.1	0.8433	0.6981	0.0473	0.0085	0.22	
2023515A48	79-44-10-33	spot	0.02	0.01	0.27	490	7.3	3.1653	0.9014	0.0665	0.0181	0.95	
2023515A49	79-44-10-34	spot	0.04	0.00	0.67	1163	17.4	1.8835	0.6880	0.0523	0.0101	0.53	
2023515A50	79-44-10-35	spot	0.16	0.28	0.15	279	4.2	20.3401	3.8127	0.2210	0.0443	0.99	
2023515A51	79-44-10-36	Line scan	0.20	0.03	0.56	1010	15.1	7.9979	1.2844	0.1070	0.0141	0.82	
2023515A52	79-44-10-37	Line scan	0.03	0.01	0.06	109	1.6	36.1298	17.9489	0.2973	0.1417	0.96	
2023515A53	79-44-10-38	Line scan	0.04	0.01	0.48	858	12.9	2.5289	0.5480	0.0605	0.0098	0.75	
2023515A54	79-44-10-39	Line scan	0.06	0.01	0.78	1391	20.9	1.8212	0.5257	0.0528	0.0061	0.40	
2023515A37	79-44-10-27	spot	0.08	0.01	0.16	310	4.6	26.3979	28.0232	0.2250	0.0584	0.24	delete
2023515A40	79-44-10-30	spot	26.63	0.01	66.12	122914	#####	5.6542	0.1841	0.3811	0.0126	0.99	delete
2023515A16	79-44-10-11	spot	0.08	0.07	0.06	125	1.9	47.8141	16.6071	0.5659	0.1848	0.94	delete
60μm-4J-6Hz	spot												
60×1μm6Hz	line scan												
2023517a6	79-60-6-01	spot	0.05	0.03	0.04	348	5.2	43.2565	6.4095	0.4154	0.0612	0.99	
2023517a7	79-60-6-02	spot	0.02	0.02	0.07	553	8.3	8.8583	2.0911	0.1177	0.0203	0.73	
2023517a8	79-60-6-03	spot	0.01	0.02	0.10	796	11.9	2.3497	0.7617	0.0551	0.0099	0.55	
2023517a9	79-60-6-04	spot	0.02	0.05	0.10	782	11.7	5.2017	1.1443	0.0837	0.0138	0.75	
2023517a10	79-60-6-05	spot	0.02	0.06	0.12	957	14.4	3.7459	0.8515	0.0665	0.0099	0.66	
2023517a11	79-60-6-06	spot	0.04	0.14	0.16	1200	18.0	6.8594	1.0736	0.1039	0.0135	0.83	
2023517a12	79-60-6-07	spot	0.03	0.07	0.15	1150	17.2	4.4418	0.8964	0.0728	0.0115	0.78	
2023517a13	79-60-6-08	spot	0.02	0.15	0.14	1055	15.8	3.6565	0.9250	0.0703	0.0117	0.66	
2023517a14	79-60-6-09	spot	0.01	0.02	0.06	467	7.0	6.5766	1.7736	0.0941	0.0191	0.75	
2023517a15	79-60-6-10	spot	0.02	0.05	0.09	627	9.4	4.1745	1.2794	0.0790	0.0149	0.62	
2023517a16	79-60-6-11	spot	0.02	0.06	0.15	1110	16.6	2.7656	0.5860	0.0648	0.0102	0.74	
2023517a17	79-60-6-12	spot	0.04	0.01	0.06	476	7.1	20.0663	2.7914	0.2076	0.0288	1.00	
2023517a18	79-60-6-13	spot	0.01	0.06	0.07	535	8.0	4.0895	1.0945	0.0720	0.0124	0.64	
2023517a19	79-60-6-14	spot	0.02	0.05	0.07	513	7.7	7.2552	1.6735	0.1041	0.0185	0.77	
2023517a20	79-60-6-15	spot	0.02	0.08	0.19	1393	20.9	1.9969	0.7287	0.0549	0.0078	0.39	
2023517a26	79-60-6-16	spot	0.05	0.87	0.43	3106	46.6	2.0665	0.3676	0.0524	0.0047	0.50	

2023517a27	79-60-6-17	spot	0.03	0.02	0.09	671	10.1	6.1604	1.3874	0.0904	0.0149	0.73	
2023517a28	79-60-6-18	spot	0.02	0.02	0.16	1154	17.3	1.4608	0.5041	0.0501	0.0069	0.40	
2023517a29	79-60-6-19	spot	0.02	0.25	0.18	1260	18.9	2.5504	0.6508	0.0583	0.0087	0.58	
2023517a30	79-60-6-20	spot	0.02	0.08	0.16	1130	17.0	2.8089	0.6234	0.0598	0.0076	0.57	
2023517a31	79-60-6-21	spot	0.01	0.03	0.10	660	9.9	3.4592	1.3539	0.0658	0.0135	0.52	
2023517a32	79-60-6-22	spot	0.01	0.04	0.09	600	9.0	3.2049	0.9463	0.0689	0.0225	0.99	
2023517a33	79-60-6-23	spot	0.05	0.14	0.13	939	14.1	10.8445	2.0378	0.1358	0.0201	0.78	
2023517a34	79-60-6-24	spot	0.02	0.06	0.13	905	13.6	2.5810	0.8100	0.0579	0.0101	0.55	
2023517a35	79-60-6-25	spot	0.05	0.16	0.14	980	14.7	4.7495	1.0468	0.0806	0.0110	0.62	
2023517a36	79-60-6-26	spot	0.01	0.03	0.14	974	14.6	1.0995	0.5008	0.0493	0.0087	0.39	
2023517a37	79-60-6-27	spot	0.03	0.13	0.09	623	9.3	9.2152	1.7164	0.1200	0.0199	0.89	
2023517a38	79-60-6-28	spot	0.01	0.12	0.10	694	10.4	3.6453	0.9069	0.0699	0.0152	0.87	
2023517a39	79-60-6-29	spot	0.02	0.02	0.24	1666	25.0	1.1801	0.4137	0.0489	0.0065	0.38	
2023517a40	79-60-6-30	spot	0.06	0.19	0.10	681	10.2	15.2067	2.3170	0.1783	0.0241	0.88	
2023517a47	79-60-6-32	Line scan	0.02	0.00	0.16	1102	16.5	2.2032	0.5544	0.0521	0.0079	0.60	
2023517a48	79-60-6-33	Line scan	0.03	0.00	0.09	604	9.1	5.7283	1.0854	0.0895	0.0153	0.90	
2023517a49	79-60-6-34	Line scan	0.02	0.00	0.13	833	12.5	3.0541	0.6884	0.0650	0.0108	0.73	
2023517a50	79-60-6-35	Line scan	0.01	0.00	0.06	390	5.9	3.1615	1.1794	0.0625	0.0161	0.69	
2023517a51	79-60-6-36	Line scan	0.03	0.02	0.21	1420	21.3	1.4507	0.4396	0.0496	0.0069	0.46	
2023517a52	79-60-6-37	Line scan	0.03	0.00	0.11	709	10.6	7.4163	1.5546	0.1047	0.0168	0.77	
2023517a46	79-60-6-31	Line scan	0.14	0.07	0.08	514	7.7	57.1981	6.6311	0.6028	0.0803	1.15	delete
60μm-4J-10Hz	spot												
60×1μm10Hz	line scan												
2023515b6	79-60-10-01	spot	0.06	0.04	0.20	1057	15.9	8.7816	1.2709	0.1134	0.0148	0.90	
2023515b7	79-60-10-02	spot	0.09	0.02	0.11	585	8.8	23.1733	3.6159	0.2311	0.0433	0.99	
2023515b9	79-60-10-04	spot	0.11	0.11	0.20	1048	15.7	18.1650	2.3698	0.2004	0.0238	0.91	
2023515b10	79-60-10-05	spot	0.01	0.04	0.15	758	11.4	3.1841	1.1687	0.0628	0.0141	0.61	
2023515b11	79-60-10-06	spot	0.02	0.16	0.23	1213	18.2	1.6606	0.5615	0.0524	0.0093	0.52	
2023515b12	79-60-10-07	spot	0.02	0.04	0.14	755	11.3	4.5572	1.4051	0.0756	0.0134	0.58	
2023515b13	79-60-10-08	spot	0.03	0.04	0.17	904	13.6	4.1551	0.8852	0.0721	0.0131	0.85	
2023515b14	79-60-10-09	spot	0.02	0.01	0.08	412	6.2	8.4731	3.3740	0.1131	0.0366	0.81	
2023515b15	79-60-10-10	spot	0.01	0.00	0.26	1359	20.4	1.7721	0.7492	0.0514	0.0102	0.47	
2023515b16	79-60-10-11	spot	0.02	0.01	0.23	1207	18.1	1.5149	0.6988	0.0555	0.0105	0.41	
2023515b17	79-60-10-12	spot	0.02	0.01	0.21	1089	16.3	3.0051	0.7012	0.0624	0.0102	0.70	
2023515b18	79-60-10-13	spot	0.01	0.03	0.12	599	9.0	3.1885	1.3513	0.0651	0.0171	0.62	
2023515b20	79-60-10-15	spot	0.02	0.01	0.21	1067	16.0	3.0720	1.0397	0.0641	0.0143	0.66	
2023515b21	79-60-10-16	spot	0.03	0.02	0.21	1095	16.4	3.1686	0.8286	0.0667	0.0094	0.54	
2023515b27	79-60-10-17	spot	0.05	0.01	0.18	934	14.0	6.6871	1.1612	0.0934	0.0149	0.91	
2023515b29	79-60-10-19	spot	0.05	0.02	0.21	1108	16.6	6.8076	2.2564	0.0969	0.0146	0.45	
2023515b31	79-60-10-21	spot	0.07	0.04	0.15	764	11.5	15.0442	2.2741	0.1712	0.0225	0.87	
2023515b32	79-60-10-22	spot	0.04	0.07	0.10	540	8.1	11.4483	2.1075	0.1398	0.0273	0.99	
2023515b33	79-60-10-23	spot	0.03	0.01	0.19	1005	15.1	6.5686	1.0978	0.0916	0.0175	0.99	
2023515b34	79-60-10-24	spot	0.22	0.08	0.14	708	10.6	48.4969	4.8389	0.4381	0.0472	0.99	
2023515b36	79-60-10-26	spot	0.03	0.02	0.19	958	14.4	3.0465	0.6931	0.0657	0.0117	0.78	
2023515b37	79-60-10-27	spot	0.15	0.02	0.11	640	9.6	23.4948	2.9236	0.2424	0.0368	0.99	
2023515b38	79-60-10-28	spot	0.01	0.08	0.12	657	9.9	4.5921	1.6108	0.0782	0.0187	0.68	
2023515b39	79-60-10-29	spot	0.02	0.03	0.14	747	11.2	2.8518	2.2828	0.0606	0.0209	0.43	
2023515b46	79-60-10-31	spot	0.02	0.03	0.17	922	13.8	4.4997	1.0660	0.0776	0.0125	0.68	
2023515b47	79-60-10-32	spot	0.02	0.01	0.20	1010	15.2	3.7502	1.0422	0.0709	0.0164	0.83	
2023515b48	79-60-10-33	spot	0.01	0.07	0.17	854	12.8	1.6646	1.0110	0.0541	0.0143	0.43	
2023515b49	79-60-10-34	spot	0.04	0.01	0.14	710	10.7	9.2369	1.9944	0.1198	0.0289	0.99	
2023515b51	79-60-10-36	Line scan	0.01	0.11	0.22	1144	17.2	1.6174	0.4825	0.0567	0.0098	0.58	
2023515b52	79-60-10-37	Line scan	0.03	0.01	0.16	871	13.1	4.8531	0.9594	0.0814	0.0122	0.76	
2023515b53	79-60-10-38	Line scan	0.03	0.02	0.11	577	8.7	8.0049	1.7499	0.1094	0.0275	0.99	
2023515b55	79-60-10-40	Line scan	0.02	0.01	0.24	1307	19.6	2.8848	0.6456	0.0643	0.0105	0.73	
2023515b19	79-60-10-14	spot	0.05	0.01	0.03	167	2.5	66.1298	17.3045	0.6931	0.3726	0.99	delete
2023515b8	79-60-10-03	spot	0.15	0.02	0.07	346	5.2	82.4460	17.9072	0.6824	0.1165	0.79	delete
2023515b28	79-60-10-18	spot	0.17	0.06	0.13	687	10.3	39.1976	4.2343	0.4003	0.0400	0.92	delete
2023515b40	79-60-10-30	spot	0.12	0.01	0.16	829	12.4	24.7989	2.5825	0.2692	0.0311	0.99	delete
2023515b30	79-60-10-20	spot	0.06	0.03	0.11	543	8.1	18.1736	7.9737	0.1867	0.0246	0.30	delete
2023515b35	79-60-10-25	spot	0.03	0.12	0.08	457	6.9	12.9470	3.4897	0.1620	0.0352	0.81	delete
2023515b54	79-60-10-39	Line scan	0.04	0.02	0.13	691	10.4	11.3732	2.7903	0.1479	0.0333	0.92	delete

2023515b50	79-60-10-35	spot	0.05	0.06	0.08	434	6.5	11.0930	3.5477	0.1443	0.0429	0.93	delete
90µm-4J-6Hz	spot												
90×1µm6Hz	line scan												
2023516a6	79-90-10-01	spot	0.03	0.19	0.19	2894	43.4	3.2734	0.4862	0.0672	0.0066	0.66	
2023516a7	79-90-10-02	spot	0.03	0.18	0.25	3822	57.3	2.8767	0.3299	0.0649	0.0050	0.66	
2023516a8	79-90-10-03	spot	0.02	0.10	0.19	2896	43.4	1.8465	0.2945	0.0541	0.0050	0.57	
2023516a9	79-90-10-04	spot	0.02	0.16	0.25	3630	54.5	1.4507	0.3508	0.0503	0.0043	0.35	
2023516a10	79-90-10-05	spot	0.01	0.09	0.20	2929	43.9	1.4384	0.3653	0.0492	0.0051	0.40	
2023516a11	79-90-10-06	spot	0.02	0.15	0.22	3143	47.1	1.5050	0.2947	0.0500	0.0044	0.44	
2023516a12	79-90-10-07	spot	0.03	0.12	0.17	2475	37.1	3.9469	0.5751	0.0755	0.0078	0.71	
2023516a13	79-90-10-08	spot	0.02	0.17	0.24	3489	52.3	1.6235	0.2577	0.0506	0.0045	0.55	
2023516a14	79-90-10-09	spot	0.04	0.25	0.22	3156	47.3	4.0407	0.3918	0.0730	0.0059	0.83	
2023516a15	79-90-10-10	spot	0.03	0.07	0.19	2738	41.1	2.1134	0.4311	0.0589	0.0063	0.52	
2023516a16	79-90-10-11	spot	0.02	0.09	0.20	2745	41.2	2.7865	0.4473	0.0578	0.0057	0.61	
2023516a17	79-90-10-12	spot	0.04	0.10	0.15	2041	30.6	6.3109	1.0415	0.0924	0.0086	0.56	
2023516a18	79-90-10-13	spot	0.03	0.17	0.17	2324	34.9	3.7497	0.5592	0.0700	0.0075	0.71	
2023516a19	79-90-10-14	spot	0.02	0.01	0.30	4228	63.4	0.8204	0.2908	0.0486	0.0071	0.41	
2023516a20	79-90-10-15	spot	0.02	0.02	0.12	1686	25.3	3.4760	0.4850	0.0699	0.0082	0.84	
2023516a26	79-90-10-16	spot	0.01	0.01	0.09	1213	18.2	3.6307	1.0094	0.0630	0.0105	0.60	
2023516a27	79-90-10-17	spot	0.02	0.01	0.11	1519	22.8	3.6265	0.5256	0.0638	0.0079	0.85	
2023516a28	79-90-10-18	spot	0.04	0.01	0.05	623	9.3	27.6653	3.7191	0.2678	0.0329	0.91	
2023516a29	79-90-10-19	spot	0.05	0.00	0.05	659	9.9	28.2360	4.4470	0.2803	0.0434	0.98	
2023516a31	79-90-10-21	spot	0.01	0.00	0.04	535	8.0	5.8278	1.3851	0.0853	0.0174	0.86	
2023516a34	79-90-10-24	spot	0.02	0.05	0.29	3935	59.0	0.6764	0.1801	0.0482	0.0040	0.31	
2023516a35	79-90-10-25	spot	0.02	0.10	0.25	3400	51.0	1.3797	0.2386	0.0476	0.0046	0.55	
2023516a36	79-90-10-26	spot	0.02	0.05	0.24	3314	49.7	0.9998	0.2687	0.0468	0.0048	0.38	
2023516a37	79-90-10-27	Line scan	0.02	0.05	0.27	3636	54.5	0.5719	0.1688	0.0438	0.0047	0.36	
2023516a38	79-90-10-28	Line scan	0.01	0.08	0.11	1472	22.1	2.9490	0.6633	0.0601	0.0089	0.65	
2023516a39	79-90-10-29	Line scan	0.02	0.15	0.20	2688	40.3	1.4081	0.3161	0.0498	0.0052	0.47	
2023516a40	79-90-10-30	Line scan	0.02	0.22	0.15	1938	29.1	3.4714	0.5774	0.0681	0.0149	0.99	
2023516a33	79-90-10-23	spot	0.03	0.00	0.05	652	9.8	12.5028	1.7254	0.2474	0.1143	0.99	delete
2023516a30	79-90-10-20	spot	0.02	0.00	0.04	517	7.8	17.2415	2.9697	0.1450	0.0299	0.99	delete
2023516a32	79-90-10-22	spot	0.02	0.00	0.05	622	9.3	8.2401	1.5095	0.1394	0.0239	0.94	delete
120µm-3J-5Hz	spot												
120×1µm5Hz	line scan												
2023522a5	79-120-3-5-01	spot	0.01	0.09	0.09	1364	20.5	1.6282	0.5103	0.0518	0.0075	0.46	
2023522a6	79-120-3-5-02	spot	0.01	0.05	0.04	649	9.7	3.1352	0.8661	0.0584	0.0102	0.63	
2023522a7	79-120-3-5-03	spot	0.05	0.05	0.09	1436	21.5	13.4039	1.1906	0.1589	0.0162	0.99	
2023522a8	79-120-3-5-04	spot	0.01	0.02	0.15	2228	33.4	1.0628	0.3718	0.0418	0.0058	0.39	
2023522a9	79-120-3-5-05	spot	0.05	0.23	0.15	2384	35.8	6.7211	0.6479	0.0926	0.0078	0.87	
2023522a10	79-120-3-5-06	spot	0.02	0.11	0.14	2136	32.0	3.4204	0.4920	0.0693	0.0070	0.70	
2023522a11	79-120-3-5-07	spot	0.03	0.02	0.06	935	14.0	15.8736	2.1599	0.1722	0.0239	0.99	
2023522a12	79-120-3-5-08	spot	0.26	0.01	0.26	4114	61.7	27.0264	4.3366	0.2694	0.0392	0.91	
2023522a13	79-120-3-5-09	spot	0.01	0.01	0.01	227	3.4	30.0221	9.2824	0.2812	0.0656	0.75	
2023522a14	79-120-3-5-10	spot	0.01	0.01	0.08	1212	18.2	2.3067	0.5328	0.0556	0.0085	0.66	
2023522a15	79-120-3-5-11	spot	0.01	0.03	0.03	410	6.2	9.6699	2.2957	0.1213	0.0263	0.91	
2023522a16	79-120-3-5-12	spot	0.01	0.00	0.03	500	7.5	3.4345	1.2557	0.0706	0.0206	0.80	
2023522a17	79-120-3-5-13	spot	0.01	0.01	0.03	535	8.0	9.8328	2.2435	0.1262	0.0223	0.77	
2023522a18	79-120-3-5-14	spot	0.02	0.00	0.04	624	9.4	17.0598	2.9018	0.1749	0.0230	0.77	
2023522a19	79-120-3-5-15	spot	0.02	0.01	0.17	2719	40.8	1.5351	0.3578	0.0498	0.0050	0.42	
2023522a20	79-120-3-5-16	spot	0.03	0.03	0.10	1582	23.7	7.6854	0.7152	0.1035	0.0109	0.99	
2023522a26	79-120-3-5-16	spot	0.06	0.07	0.08	1226	18.4	21.7615	1.9136	0.2365	0.0225	0.99	
2023522a21	79-120-3-5-17	spot	0.04	0.02	0.07	1026	15.4	18.8545	2.1211	0.2091	0.0218	0.92	
2023522a27	79-120-3-5-17	spot	0.01	0.01	0.06	903	13.5	3.9552	0.9240	0.0750	0.0130	0.74	
2023522a28	79-120-3-5-18	spot	0.01	0.01	0.07	1201	18.0	3.1121	0.5921	0.0616	0.0081	0.69	
2023522a29	79-120-3-5-19	spot	0.01	0.01	0.03	454	6.8	7.3972	1.7114	0.1050	0.0204	0.84	
2023522a30	79-120-3-5-20	spot	0.23	0.03	0.04	654	9.8	190.3256	29.9275	1.7567	0.2606	0.94	
2023522a31	79-120-3-5-21	spot	0.68	0.01	0.06	1021	15.3	407.4811	61.9140	3.6574	0.5412	0.97	
2023522a32	79-120-3-5-22	spot	0.00	0.00	0.05	749	11.2	2.7289	0.9443	0.0607	0.0110	0.52	
2023522a33	79-120-3-5-23	spot	0.03	0.01	0.10	1597	24.0	5.8237	0.8488	0.0873	0.0107	0.84	
2023522a34	79-120-3-5-24	spot	0.01	0.01	0.07	1089	16.3	5.5661	0.8386	0.0857	0.0116	0.90	

2023522a35	79-120-3-5-25	spot	0.03	0.01	0.14	2283	34.2	2.7067	0.7878	0.0570	0.0112	0.67	
2023522a36	79-120-3-5-26	spot	0.01	0.06	0.12	2006	30.1	1.6833	0.3394	0.0523	0.0066	0.62	
2023522a37	79-120-3-5-27	spot	0.01	0.01	0.08	1359	20.4	2.4429	0.5547	0.0607	0.0092	0.66	
2023522a38	79-120-3-5-28	spot	0.01	0.00	0.14	2426	36.4	1.3267	0.3015	0.0487	0.0054	0.49	
2023522a39	79-120-3-5-29	spot	0.01	0.00	0.06	929	13.9	1.8038	0.5297	0.0515	0.0109	0.72	
2023522a40	79-120-3-5-30	spot	0.01	0.00	0.07	1169	17.5	3.9352	0.7758	0.0732	0.0097	0.67	
2023522a44	79-120-3-5-31	Line scan	0.01	0.00	0.04	640	9.6	4.6913	1.1408	0.0799	0.0156	0.80	
2023522a45	79-120-3-5-32	Line scan	0.00	0.00	0.02	403	6.0	4.7837	2.2439	0.0791	0.0390	0.99	
2023522a46	79-120-3-5-33	Line scan	0.01	0.00	0.03	573	8.6	3.4020	1.1619	0.0647	0.0148	0.67	
2023522a47	79-120-3-5-34	Line scan	0.01	0.01	0.06	966	14.5	2.5891	0.6608	0.0624	0.0118	0.74	
2023522a48	79-120-3-5-35	Line scan	0.00	0.01	0.04	675	10.1	1.7659	0.6995	0.0546	0.0112	0.52	