

Provenance and tectonic setting of the Upper Palaeozoic sandstones in western Inner Mongolia (the Shalazhashan and Solonker belts), China: insights from detrital zircon U–Pb ages and Hf isotopes

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Table S2. Trace elements

Analysis Spot	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S7-01	0.00	21.45	0.04	1.23	2.17	0.43	11.93	4.71	66.67	26.96	156.31	38.40	484.19	83.42
S7-02	0.04	8.51	0.16	2.83	5.94	1.30	33.75	9.93	122.30	40.82	181.00	35.61	370.59	59.75
S7-03	4.82	29.83	1.88	14.85	14.85	0.88	75.68	24.81	327.30	106.88	497.42	99.28	997.24	138.36
S7-04	2.36	26.00	1.59	9.65	7.53	1.82	22.06	8.04	106.85	37.17	188.92	44.36	537.74	83.53
S7-05	1.15	59.56	1.01	15.63	27.38	10.05	122.69	37.26	449.91	154.19	735.14	146.49	1596.87	263.60
S7-06	0.03	11.58	0.03	0.60	1.14	0.53	6.89	2.51	36.05	14.58	83.04	20.60	258.91	50.47
S7-07	1.18	50.20	0.60	6.08	9.12	2.58	51.17	16.27	214.18	77.78	395.87	85.39	952.31	163.65
S7-08	0.98	29.35	2.72	21.76	19.98	7.34	54.75	17.53	207.92	64.82	285.28	57.33	573.99	88.91
S7-09	0.19	16.90	0.28	4.35	5.32	1.08	19.54	5.91	75.10	26.51	129.39	26.75	291.94	52.37
S7-10	1.81	42.25	1.43	14.18	26.81	2.64	134.43	42.93	557.32	181.00	817.62	154.11	1469.78	221.12
S7-11	0.18	13.28	0.18	1.73	6.31	0.84	39.40	17.18	259.25	99.82	523.00	116.78	1322.81	206.22
S7-12	0.04	1.01	0.08	0.99	3.55	0.10	27.22	11.60	178.13	67.78	347.24	75.26	802.24	127.15
S7-13	3.28	52.71	1.62	8.85	7.55	1.98	24.04	7.71	94.89	30.61	146.25	29.43	305.73	52.47
S7-14	1.16	34.39	0.54	2.18	2.39	0.63	13.71	5.66	79.07	30.98	168.97	37.02	416.82	76.81
S7-15	11.23	33.42	3.79	20.34	7.78	1.01	26.84	8.06	109.11	40.13	193.26	39.12	411.48	70.00
S7-16	0.37	65.54	0.35	4.09	7.98	2.60	49.13	16.06	227.79	90.60	468.81	96.58	1099.24	204.71
S7-17	3.86	82.04	1.86	10.83	9.94	2.72	29.78	9.06	106.18	32.47	146.79	30.49	324.57	47.70
S7-18	0.05	14.12	0.08	1.11	2.76	0.86	19.32	6.82	100.79	39.48	205.51	44.69	507.52	89.93
S7-19	0.02	13.59	0.12	1.70	4.14	1.15	20.10	7.10	100.56	40.16	217.48	51.65	635.89	121.25
S7-20	0.76	28.66	0.54	3.86	6.62	1.32	34.64	11.48	154.54	56.24	293.33	64.90	730.07	116.67
S7-21	0.80	5.90	0.31	2.79	3.72	0.25	21.65	7.33	92.06	31.67	149.33	30.90	336.65	58.22
S7-22	0.22	15.63	0.11	3.22	5.52	0.54	38.13	13.17	179.97	67.27	332.73	74.04	802.14	132.11
S7-23	0.06	4.04	0.14	2.13	4.14	0.55	25.58	8.54	115.26	40.78	192.70	36.96	373.41	58.37
S7-24	11.87	46.57	4.41	24.07	8.38	0.85	21.40	6.70	86.38	31.39	154.37	32.12	350.86	58.60
S7-25	0.67	9.49	0.05	0.57	1.43	0.21	7.93	2.90	39.91	14.36	72.71	14.98	169.10	27.13
S7-26	4.03	104.28	2.94	23.92	26.47	7.78	77.12	20.72	237.55	68.28	295.57	54.05	548.87	86.92
S7-27	0.10	16.83	0.12	2.97	4.91	1.40	25.72	8.41	117.50	43.25	228.82	49.46	571.76	109.30
S7-28	0.41	25.81	0.26	1.76	2.38	1.15	11.81	4.50	58.52	22.83	130.28	31.96	411.41	88.19
S7-29	2.31	18.12	0.48	3.48	3.89	0.51	21.99	7.32	99.55	35.42	175.38	35.85	372.23	59.74
S7-30	0.08	15.21	0.10	1.47	2.63	0.28	13.24	4.45	57.14	19.86	93.13	18.86	199.73	32.42

S7-31	0.04	18.13	0.28	4.16	6.80	3.89	35.15	9.83	124.16	43.76	224.22	46.28	503.93	96.19
S7-32	1.14	12.71	0.32	2.41	3.16	0.58	16.86	5.36	75.60	29.16	155.77	34.82	421.52	80.68
S7-33	0.23	10.93	0.23	2.87	6.19	1.39	29.23	8.83	110.26	37.68	176.18	37.10	388.98	66.27
S7-34	0.41	11.02	0.18	1.16	3.22	0.62	9.19	4.05	59.81	21.50	111.64	27.19	334.82	61.37
S7-35	0.25	16.30	0.47	6.02	7.57	3.00	36.57	11.00	135.68	48.38	230.54	49.05	545.25	89.86
S7-36	0.92	15.43	0.61	3.56	3.78	0.94	13.91	5.86	77.51	28.50	152.06	35.39	436.24	77.81
S7-37	0.10	8.91	0.17	1.10	2.61	0.54	19.08	7.56	109.02	42.85	219.33	44.33	474.34	81.85
S7-38	0.14	12.22	0.20	2.33	3.90	0.40	16.25	5.22	62.74	21.16	97.11	18.97	197.65	31.37
S7-39	0.66	13.50	0.38	2.70	4.82	1.08	19.07	6.79	90.59	34.61	177.77	43.90	536.81	87.15
S7-40	50.69	86.98	15.98	77.31	19.20	4.59	29.14	5.85	60.53	18.54	84.15	16.88	187.18	33.96
S7-41	0.09	20.81	0.11	2.20	3.85	1.22	25.46	8.72	120.74	42.64	220.02	49.50	537.32	94.22
S7-42	0.25	13.56	0.07	1.03	1.54	0.19	13.27	4.86	72.48	28.28	147.29	31.65	347.50	63.18
S7-43	16.79	172.35	7.38	12.63	0.00	0.00	85.68	12.64	334.12	77.73	376.38	56.57	513.50	92.70
S7-44	99.88	264.76	30.38	151.99	37.57	2.92	77.80	21.44	271.20	102.10	484.48	100.39	1075.63	196.22
S7-45	0.77	10.36	0.28	1.92	2.71	0.33	15.83	5.21	70.26	25.80	125.33	25.51	267.93	46.36
S7-46	0.22	10.36	0.13	1.31	1.71	0.72	9.96	3.26	47.99	19.80	115.67	28.39	371.93	80.84
S7-47	29.82	83.77	9.34	45.24	13.01	0.64	39.23	12.15	162.35	58.75	298.31	64.59	713.65	112.43
S7-48	1.28	13.10	0.39	2.59	2.18	0.45	12.81	4.68	67.30	26.66	142.42	30.95	349.18	62.14
S7-49	3.89	17.68	2.90	21.22	10.70	1.42	32.71	10.55	149.50	61.64	346.74	77.32	900.17	167.58
S7-50	0.00	7.60	0.05	1.16	2.40	0.91	11.00	3.32	46.91	17.62	86.34	18.02	197.12	36.30
S7-51	0.06	9.53	0.05	1.16	2.58	0.54	18.45	6.76	101.79	40.44	216.69	51.29	578.20	105.36
S7-52	3.55	18.30	0.83	4.49	3.40	1.05	14.98	4.99	71.60	27.86	156.33	37.04	440.32	91.65
S7-53	1.48	36.07	0.48	3.75	4.54	1.66	26.64	10.02	147.12	58.08	315.01	70.29	791.34	159.01
S7-54	0.44	31.25	0.20	1.83	3.81	1.34	23.03	8.21	121.91	47.77	253.65	56.56	655.07	123.75
S7-55	0.11	8.26	0.26	3.78	7.89	0.86	47.93	16.85	226.70	81.84	387.52	76.16	751.42	122.88
S7-56	0.12	24.22	0.08	1.55	3.75	1.02	23.84	8.68	125.60	51.03	269.41	60.07	677.07	125.78
S7-57	0.05	0.97	0.04	0.00	0.73	0.42	4.73	1.66	14.55	3.13	10.26	1.56	16.26	1.98
S7-58	0.07	28.42	0.65	12.06	19.18	5.27	111.79	31.49	395.16	133.07	572.44	111.61	1084.35	168.99
S7-59	1.38	19.67	1.09	12.52	17.93	1.78	81.08	21.72	233.94	65.86	268.27	46.91	429.09	66.99
S7-60	0.02	6.17	0.07	1.32	1.33	0.77	6.42	2.45	33.70	14.11	80.89	20.16	247.89	56.40
S7-61	0.13	5.51	0.12	1.51	2.71	0.57	15.46	5.35	72.67	27.53	138.40	30.48	341.33	60.42
S7-62	7.16	119.75	5.66	33.76	26.04	8.35	54.81	18.52	206.10	51.60	205.06	36.42	336.22	53.20
S7-63	15.28	81.54	3.46	16.12	4.96	2.07	16.86	4.64	56.75	20.45	101.19	23.24	275.35	53.13
S7-64	0.05	9.02	0.09	1.40	3.03	0.47	17.12	5.77	77.69	27.27	126.95	25.53	258.66	42.81
S7-65	0.06	39.52	0.17	3.24	6.51	1.18	32.56	11.11	145.17	51.59	250.23	52.61	555.58	92.41
S7-66	0.10	1.53	0.09	1.49	4.16	0.08	34.88	13.69	194.34	73.12	355.09	70.42	695.91	120.60
S7-67	0.53	12.90	0.14	1.66	3.15	0.66	17.49	5.66	76.21	28.34	137.37	28.79	306.00	54.14
S7-68	0.13	18.86	0.10	2.02	3.35	0.95	22.07	7.03	96.64	33.66	165.47	35.30	381.41	62.81

S7-69	0.06	8.47	0.32	4.38	8.98	1.18	49.55	16.19	205.66	74.94	345.40	65.44	626.52	102.00
S7-70	0.77	9.32	0.22	1.18	0.96	0.35	4.62	1.66	24.29	10.14	57.69	14.21	181.81	39.10
S8-01	0.03	10.78	0.09	1.38	3.41	0.49	21.04	7.32	101.61	36.82	177.26	36.67	368.69	63.59
S8-02	0.00	7.15	0.02	0.36	0.89	0.38	5.21	1.86	28.59	12.12	70.43	17.26	222.65	47.72
S8-03	0.01	0.82	0.15	0.89	3.60	0.03	31.03	11.47	149.68	50.96	232.66	46.19	465.62	76.07
S8-04	23.12	80.52	9.26	47.14	14.88	0.96	27.02	6.92	79.55	27.19	125.56	25.03	262.94	43.14
S8-05	0.13	8.09	0.12	1.25	2.01	0.84	9.77	3.18	43.29	17.16	94.82	23.09	279.47	59.20
S8-06	0.52	19.97	0.36	2.72	3.96	1.44	13.53	4.38	54.30	17.43	97.37	23.36	261.15	50.30
S8-07	0.18	10.35	0.25	1.78	1.92	0.50	7.75	2.52	36.72	14.51	80.33	19.37	235.07	48.98
S8-08	5.40	188.19	6.48	35.95	23.72	8.12	61.64	20.57	252.34	84.50	417.00	89.83	967.96	166.51
S8-09	0.01	6.38	0.06	0.92	2.27	0.70	11.61	4.44	65.35	25.37	133.18	30.20	347.39	66.11
S8-10	0.03	11.26	0.08	1.44	1.69	0.47	11.60	4.33	59.26	23.82	126.72	29.18	339.11	65.07
S8-11	1.58	15.15	0.01	5.67	7.31	0.88	38.17	12.45	168.34	62.14	300.25	62.79	652.03	107.59
S8-12	0.09	35.63	0.20	1.20	5.82	1.22	28.97	10.15	143.50	49.47	246.28	48.39	524.23	93.73
S8-13	0.04	9.99	0.06	0.45	1.71	0.30	7.93	3.15	44.53	17.68	97.98	22.29	260.35	50.65
S8-14	0.00	14.00	0.03	0.51	1.27	0.71	9.54	3.67	55.19	22.17	126.97	30.73	386.39	80.92
S8-15	0.05	15.38	0.02	0.46	1.46	0.16	11.10	4.17	52.60	16.97	75.86	15.15	164.54	30.52
S8-16	18.67	59.63	6.93	36.32	10.58	0.91	21.90	5.64	71.00	26.06	130.85	29.37	320.22	55.61
S8-17	0.61	11.81	0.41	1.94	1.11	0.43	6.76	2.43	31.50	12.84	70.42	17.38	209.29	40.66
S8-18	0.73	20.95	0.58	5.41	10.92	1.95	67.89	23.78	317.21	112.21	531.22	102.81	1008.56	170.59
S8-19	3.12	12.19	1.01	7.04	3.08	0.36	8.77	2.80	30.89	11.38	52.74	10.43	109.47	18.09
S8-20	0.16	43.60	0.99	14.30	24.80	6.08	123.31	36.50	438.57	146.51	659.94	127.10	1243.79	201.52
S8-21	0.02	8.84	0.09	1.42	3.06	0.68	21.03	8.09	114.76	46.64	248.18	54.73	620.22	116.84
S8-22	0.33	15.15	0.16	1.45	2.56	0.18	15.93	6.01	85.79	33.41	172.81	38.06	419.55	74.95
S8-23	0.26	15.85	0.32	1.50	2.89	0.37	15.29	4.85	70.37	27.37	137.26	29.95	324.13	59.83
S8-24	0.44	52.56	0.80	5.92	7.86	3.11	41.15	13.93	188.82	69.83	350.42	74.12	813.63	145.11
S8-25	1.20	46.96	0.77	6.05	6.00	1.53	15.28	4.07	54.00	18.55	97.79	21.02	244.22	44.21
S8-26	0.03	4.63	0.20	3.26	5.06	0.11	15.45	3.14	24.07	5.21	15.54	2.21	16.68	2.16
S8-27	1.48	20.72	0.51	6.16	4.80	1.06	13.19	5.87	74.32	27.78	153.21	34.69	365.76	72.39
S8-28	0.19	10.24	0.09	1.45	2.54	0.96	18.53	7.92	99.71	39.99	210.83	45.57	489.21	90.58
S8-29	9.78	35.30	2.53	12.46	4.54	0.74	15.34	5.40	69.42	26.18	134.36	27.74	302.49	56.58
S8-30	0.03	43.76	0.24	4.84	9.70	1.46	57.43	18.63	243.26	89.12	418.37	83.87	853.19	146.81
S8-31	0.00	19.62	0.03	2.15	4.73	0.77	26.01	8.99	131.71	49.29	245.46	50.68	574.86	95.53
S8-32	0.22	37.38	0.26	2.01	3.49	1.41	18.54	5.90	81.33	30.46	167.58	37.62	468.13	83.97
S8-33	0.25	10.95	0.46	7.64	12.15	0.26	47.96	12.69	140.67	43.39	186.65	32.95	327.98	50.26
S8-34	0.06	31.11	0.26	4.37	8.63	2.81	48.18	15.90	204.64	72.61	347.15	67.65	725.53	121.34
S8-35	0.00	4.59	0.04	0.43	0.81	0.23	3.46	1.25	18.93	7.76	45.17	10.57	144.83	28.00
S8-36	0.01	36.38	0.04	0.91	2.15	0.98	13.21	4.73	72.83	29.42	165.08	37.51	464.62	87.60

S8-37	8.25	119.43	3.62	18.97	12.89	3.66	24.55	8.48	97.50	24.78	108.73	23.15	295.60	53.37
S8-38	0.04	7.44	0.03	0.67	1.56	0.33	9.65	3.07	45.24	16.73	82.28	16.43	183.17	31.32
S8-39	0.39	17.08	0.19	2.20	4.40	0.99	25.82	8.71	125.91	48.30	247.34	51.51	583.91	102.14
S8-40	0.00	5.97	0.08	1.47	4.45	0.57	24.93	7.82	93.08	30.13	133.36	24.67	252.09	40.45
S8-41	0.01	11.78	0.03	0.61	1.79	0.37	13.24	4.60	65.94	25.53	136.88	29.00	340.28	61.67
S8-42	0.01	11.91	0.04	0.75	1.27	0.37	9.15	3.24	46.89	19.22	105.26	23.85	294.63	55.34
S8-43	0.00	6.78	0.09	1.91	4.35	0.57	23.31	7.69	91.62	29.62	129.42	22.94	241.69	37.06
S8-44	0.01	11.00	0.02	0.15	0.64	0.14	2.79	1.00	13.74	5.79	32.50	8.16	106.47	22.02
S8-45	6.21	114.53	6.01	34.08	23.77	6.19	57.57	16.20	175.65	49.85	214.84	39.88	420.21	59.82
S8-46	0.01	13.71	0.10	1.62	4.09	0.87	20.35	6.49	90.47	34.82	178.64	37.49	431.40	76.05
S8-47	0.01	6.47	0.04	0.76	1.42	0.68	10.07	3.64	50.30	19.65	107.94	24.75	304.95	59.78
S8-48	0.02	8.97	0.13	1.91	4.55	0.83	25.14	8.33	106.81	37.23	177.02	33.85	354.52	56.38
S8-49	0.01	21.15	0.07	1.24	3.55	0.72	21.35	7.37	107.76	43.39	239.18	51.99	609.72	109.96
S8-50	0.02	32.93	0.17	2.88	5.10	0.92	22.26	6.53	79.63	27.15	132.00	26.94	305.25	51.97
S8-51	0.01	11.73	0.08	2.03	4.65	1.14	26.75	8.52	116.57	42.17	212.74	44.64	501.91	85.02
S8-52	2.63	18.98	0.96	7.46	6.99	1.36	34.72	11.10	142.96	50.02	244.21	47.66	515.59	83.42
S8-53	0.00	8.63	0.03	0.50	1.40	0.48	8.71	2.95	42.34	16.72	91.00	20.86	266.00	49.19
S8-54	0.01	14.93	0.05	1.01	2.34	0.57	16.01	5.59	78.69	29.36	152.59	32.30	374.74	63.80
S8-55	0.02	14.86	0.09	1.66	3.94	1.11	23.16	8.67	121.97	46.61	241.89	51.19	593.58	102.90
S8-56	1.14	14.52	0.39	2.83	2.56	0.29	16.05	5.86	84.16	31.55	159.72	32.39	359.81	59.01
S8-57	2.22	38.01	0.76	5.25	5.42	1.25	28.55	9.92	135.78	49.87	263.07	55.84	640.90	110.52
S8-58	0.06	16.18	0.04	0.95	2.39	0.32	18.95	7.25	110.37	42.76	229.24	50.73	586.23	98.18
S8-59	0.00	4.96	0.05	1.09	2.89	0.19	19.44	8.09	115.17	42.23	211.61	41.78	439.85	68.22
S8-60	0.01	6.56	0.02	0.30	0.43	0.17	2.22	0.82	13.10	5.73	35.77	10.06	154.08	35.00
S8-61	0.00	9.65	0.02	0.49	0.92	0.36	5.21	1.77	27.55	11.80	68.37	16.54	224.40	43.71
S8-62	1.36	70.92	1.40	7.70	6.57	2.56	21.63	5.91	67.16	21.46	107.40	23.50	298.39	56.28
S8-63	6.54	30.55	2.12	11.49	5.73	0.38	23.56	8.21	115.43	43.62	222.82	45.71	501.19	80.13
S8-64	12.37	42.24	3.45	15.56	4.84	0.42	15.83	5.44	76.80	28.89	156.24	33.47	400.20	70.30
S8-65	1.26	68.14	1.63	10.16	8.08	3.09	32.77	10.47	135.00	49.02	247.92	54.78	640.02	106.76
S8-66	0.02	5.87	0.05	1.56	4.79	0.69	27.54	9.05	125.43	42.58	207.46	40.15	435.56	70.31
S8-67	17.56	944.18	24.25	141.64	90.62	33.06	175.01	47.24	467.35	111.60	422.08	74.49	734.22	97.58
S8-68	0.62	14.21	0.32	1.73	2.11	0.61	10.20	3.35	48.35	18.10	92.91	20.08	235.80	42.22
S8-69	0.09	7.80	0.20	3.02	7.94	0.69	37.34	8.97	81.62	20.79	81.10	14.04	140.45	20.99
S8-70	0.03	11.97	0.03	0.61	1.19	0.10	7.31	2.68	41.28	16.42	90.95	20.65	234.32	39.44
WLJ-8-01	0.43	7.19	0.15	1.01	1.80	0.29	9.01	3.40	44.35	16.26	81.62	18.65	213.56	34.69
WLJ-8-02	0.02	10.51	0.08	1.11	2.68	0.47	12.48	3.96	50.00	16.70	76.56	15.65	166.16	24.22
WLJ-8-03	0.39	6.11	0.12	1.05	1.45	0.25	7.58	2.37	31.31	12.41	68.47	15.81	191.91	36.56
WLJ-8-04	0.14	8.10	0.10	1.07	2.79	0.54	15.23	5.31	70.69	26.46	133.62	29.89	336.78	52.04

WLJ-8-05	0.00	1.77	0.04	1.26	4.89	0.07	31.80	13.11	193.44	71.93	350.66	73.85	771.50	108.61
WLJ-8-06		9.81	0.03	0.69	1.49	0.03	8.85	3.30	45.32	16.73	84.83	18.24	193.31	30.98
WLJ-8-07		11.49	0.08	1.91	3.58	0.80	18.67	6.33	79.62	27.62	138.00	30.45	327.88	52.10
WLJ-8-08	1.01	13.09	1.30	10.62	8.70	2.12	27.84	9.39	118.58	41.28	204.07	46.39	505.69	79.52
WLJ-8-09	0.00	12.62	0.04	0.78	2.18	0.30	11.14	4.32	56.87	20.83	105.50	23.43	261.89	41.51
WLJ-8-10	0.01	4.02	0.09	1.67	3.87	0.36	20.63	6.71	82.91	29.02	135.28	28.07	306.93	46.47
WLJ-8-11	10.79	37.37	3.06	13.72	4.98	1.00	18.81	6.61	82.03	31.36	164.53	36.55	401.82	70.90
WLJ-8-12	8.22	28.66	4.35	27.06	12.95	0.79	43.45	12.95	151.06	52.92	243.75	50.03	513.94	78.12
WLJ-8-13	0.02	29.28	0.10	1.38	2.52	0.46	11.09	3.16	37.31	11.64	51.63	10.62	112.18	16.69
WLJ-8-14	0.01	14.96	0.08	1.42	3.58	0.68	18.11	6.72	90.72	34.77	183.45	43.28	485.87	80.92
WLJ-8-15	0.00	11.31	0.04	0.46	1.60	0.47	13.86	4.75	63.40	23.26	115.60	25.15	280.60	44.10
WLJ-8-16	0.52	4.14	0.63	4.36	4.46	0.69	18.81	4.84	42.42	10.38	39.78	6.93	67.71	11.26
WLJ-8-17	39.19	90.65	9.73	42.37	11.98	0.96	34.78	11.52	151.97	56.34	280.56	61.33	670.46	102.60
WLJ-8-18	0.16	7.17	0.10	1.46	3.35	0.64	16.57	6.02	79.38	30.28	152.88	34.94	404.68	65.32
WLJ-8-19	5.80	37.81	5.64	35.43	23.40	6.92	47.17	13.70	146.41	42.08	191.73	39.64	406.05	62.91
WLJ-8-20	0.01	10.27	0.11	2.08	4.45	1.08	20.53	6.77	95.16	35.58	180.68	40.26	458.40	75.12
WLJ-8-21	0.09	13.16	0.25	2.99	6.14	0.51	27.57	8.60	103.04	33.87	156.61	31.45	324.66	45.69
WLJ-8-22	0.01	9.65	0.12	2.03	4.00	0.53	18.59	5.91	63.21	18.41	69.77	13.02	122.74	16.12
WLJ-8-23	1.26	10.24	0.43	2.51	2.10	0.40	13.00	4.48	60.11	22.06	109.35	24.34	269.46	43.35
WLJ-8-24		7.82	0.04	0.35	0.95	0.37	4.68	1.82	26.29	11.31	66.28	17.23	222.55	43.95
WLJ-8-25		6.97	0.09	1.89	5.90	0.63	33.74	11.14	147.95	52.31	243.51	50.26	517.61	73.47
WLJ-8-26	0.22	5.28	0.47	5.25	7.52	0.74	39.34	13.66	164.63	51.60	220.31	42.35	406.60	55.06
WLJ-8-27	4.97	21.31	2.18	16.32	14.90	2.84	68.20	22.49	281.10	96.07	425.72	84.89	844.82	117.80
WLJ-8-28	5.71	25.00	2.51	15.10	9.70	1.64	34.16	10.35	126.17	44.17	204.10	42.77	449.69	66.50
WLJ-8-29	0.30	5.97	0.30	4.11	6.95	0.52	31.57	9.50	107.78	33.73	146.85	27.59	270.43	38.49
WLJ-8-30	0.00	12.98	0.12	2.55	5.55	0.98	30.08	9.42	115.81	40.32	187.69	37.74	392.49	59.82
WLJ-8-31	0.01	4.96	0.02	0.45	1.18	0.16	7.46	2.83	41.10	16.56	91.24	23.07	266.58	48.10
WLJ-8-32	4.17	21.51	1.94	11.92	8.46	1.89	25.99	8.28	102.01	35.94	177.83	39.04	423.24	69.34
WLJ-8-33		6.23	0.04	0.57	1.94	0.16	12.01	3.90	55.16	21.11	102.77	23.28	261.02	41.52
WLJ-8-34	12.87	54.61	5.75	36.81	20.56	0.85	82.23	25.64	325.73	110.52	499.08	94.41	909.90	129.28
WLJ-8-35	0.00	4.30	0.13	2.28	5.06	0.85	29.22	9.65	122.21	42.32	190.11	40.18	418.42	64.49
WLJ-8-36	0.61	10.12	1.24	8.86	6.54	1.95	21.56	6.33	72.45	22.58	106.82	23.83	265.98	42.22
WLJ-8-37	2.07	11.93	1.10	7.70	6.74	0.99	25.74	7.97	95.21	31.30	138.67	28.49	292.06	42.04
WLJ-8-38	0.02	12.42	0.12	2.08	2.88	0.99	16.89	5.65	74.51	28.12	142.64	33.56	380.54	65.17
WLJ-8-39	0.02	6.64	0.17	2.69	4.99	0.29	25.56	7.85	97.09	32.47	143.65	28.62	283.88	40.91
WLJ-8-40	0.00	9.98	0.01	0.54	2.06	0.49	15.15	5.74	80.19	30.78	157.02	34.68	379.62	59.10
WLJ-8-41	0.03	13.46	0.24	3.88	6.88	1.21	34.79	11.54	152.28	56.10	272.67	55.46	560.31	86.21
WLJ-8-42	0.03	5.92	0.08	1.62	4.02	0.47	23.10	7.62	100.62	37.10	176.38	36.64	385.73	59.72

WLJ-8-43	0.05	5.96	0.33	5.21	10.35	1.72	48.88	14.04	170.46	57.60	254.43	50.56	510.09	75.66
WLJ-8-44	6.93	91.35	8.92	57.98	38.82	11.58	73.10	20.17	202.28	54.24	237.31	49.58	534.98	83.13
WLJ-8-45	0.09	9.21	0.25	2.72	4.99	0.99	24.40	8.15	108.79	40.40	206.02	46.69	516.09	89.40
WLJ-8-46	0.01	6.78	0.07	1.25	4.73	0.24	32.58	13.97	196.10	71.08	345.43	71.65	711.70	108.31
WLJ-8-47	0.36	4.87	0.13	1.39	1.84	0.14	10.58	4.11	58.89	23.48	123.67	29.11	323.63	54.25
WLJ-8-48	0.01	14.28	0.06	1.67	4.21	0.30	23.17	8.13	110.48	38.92	182.74	38.10	393.63	58.17
WLJ-8-49	0.02	19.83	0.13	1.94	3.49	0.44	21.21	8.33	116.31	43.07	212.67	45.17	467.66	68.71
WLJ-8-50	0.02	5.22	0.03	1.33	2.75	0.69	14.80	5.78	81.94	33.61	179.71	41.15	476.59	79.99
WLJ-8-51	13.43	22.43	2.35	10.46	5.23	0.14	14.47	3.77	30.09	6.94	28.82	7.23	88.68	16.97
WLJ-8-52	0.85	5.50	0.41	4.85	9.60	0.19	41.18	12.09	130.12	36.51	139.59	24.02	215.98	28.74
WLJ-8-53	0.01	14.63	0.08	1.64	3.22	0.77	21.00	7.68	100.34	38.95	197.35	43.25	469.67	76.17
WLJ-8-54	1.16	10.68	0.24	1.59	2.11	0.41	12.00	3.81	51.14	18.45	93.91	21.07	234.75	37.64
WLJ-8-55	0.13	28.48	0.12	1.45	2.76	1.07	13.00	4.01	60.85	24.24	138.03	34.96	460.78	82.57
WLJ-8-56	0.00	37.82	0.03	1.06	2.44	0.80	11.68	4.12	55.94	22.21	116.93	27.59	325.81	57.69
WLJ-8-57	0.02	17.69	0.09	2.09	5.61	2.07	33.33	11.48	161.00	60.91	311.14	66.17	703.31	121.67
WLJ-8-58	11.16	94.38	13.92	87.98	58.94	19.20	109.89	31.38	302.27	80.43	321.77	62.58	624.55	92.03
WLJ-8-59	2.48	25.29	2.60	16.77	11.19	3.82	33.19	9.53	107.85	31.18	130.62	25.52	247.58	38.05
WLJ-8-60	0.38	5.08	0.20	1.45	2.30	0.13	13.60	4.50	60.76	22.52	115.08	25.13	278.78	50.22
WLJ-8-61	0.05	14.38	0.31	4.85	6.28	1.30	26.51	7.37	81.11	25.16	108.60	20.62	206.44	31.34
WLJ-8-62	0.01	10.19	0.05	1.05	1.87	0.42	11.47	3.86	52.60	19.87	101.76	21.10	230.33	38.28
WLJ-8-63	0.02	21.45	0.20	3.69	4.56	0.73	26.72	8.97	110.46	38.87	190.27	39.17	396.51	61.57
WLJ-8-64	0.00	2.07	0.06	0.51	0.87	0.43	5.59	2.22	31.04	13.40	82.14	21.62	285.74	59.95
WLJ-8-65	22.95	57.06	7.09	35.38	10.90	0.62	26.27	7.16	90.21	32.41	153.01	31.93	327.13	51.32
WLJ-8-66	39.27	277.45	46.59	290.16	182.75	56.51	328.45	88.38	823.84	211.94	808.08	145.96	1375.72	195.56
WLJ-8-67	5.23	15.98	1.30	6.47	2.22	0.27	6.29	2.11	27.70	11.04	57.08	13.33	151.24	27.54
WLJ-8-68	0.83	17.40	0.96	7.39	4.95	0.80	15.62	4.81	54.44	19.09	90.88	19.00	191.37	32.81
WLJ-8-69	2.60	12.16	0.74	3.72	2.19	0.30	9.94	3.62	49.03	18.79	98.69	23.33	271.16	46.04
WLJ-8-70	0.05	15.87	0.16	3.08	5.57	1.09	26.64	8.68	114.92	42.50	214.75	48.28	547.75	87.64
WLJ-5-01	0.01	6.28	0.06	1.24	1.99	0.25	12.59	3.50	45.39	15.19	73.17	14.39	154.40	26.27
WLJ-5-02	0.03	22.20	0.17	2.46	4.41	0.90	24.99	8.67	111.62	42.05	211.00	44.91	517.13	95.38
WLJ-5-03	1.02	13.75	1.69	9.83	9.06	2.31	32.46	10.15	124.99	42.24	194.68	39.15	410.82	69.13
WLJ-5-04	0.01	3.20	0.06	0.88	2.91	0.39	14.36	3.95	40.50	12.21	47.63	8.31	80.20	12.82
WLJ-5-05	0.00	10.46	0.03	0.36	1.54	0.47	7.24	2.65	37.86	15.24	84.54	20.50	265.90	56.80
WLJ-5-06	0.02	13.35	0.04	0.65	1.69	0.40	13.08	4.52	65.15	24.84	128.26	28.14	312.39	59.28
WLJ-5-07	0.01	6.85	0.01	0.39	1.15	0.19	10.46	3.59	52.43	20.62	105.67	22.41	245.24	44.96
WLJ-5-08	0.03	13.50	0.11	2.10	4.31	1.10	23.68	7.84	103.86	38.96	200.61	42.26	474.34	85.95
WLJ-5-09	1.05	10.47	0.36	2.29	2.81	0.43	15.66	5.11	70.54	26.26	132.25	28.17	311.27	55.22
WLJ-5-10	0.07	22.35	0.41	6.09	9.15	3.14	50.04	16.68	217.11	79.40	404.95	87.49	969.95	179.33

WLJ-5-11	0.10	11.74	0.13	1.19	1.70	0.57	7.39	2.53	35.76	14.17	85.02	21.55	295.07	65.51
WLJ-5-12	0.02	14.47	0.09	2.01	3.86	0.90	22.38	7.39	100.24	38.34	190.47	39.45	442.97	80.34
WLJ-5-13	23.85	64.41	7.38	33.30	7.99	0.78	15.78	4.21	52.66	19.34	99.10	21.19	252.79	47.44
WLJ-5-14	0.00	12.31	0.03	0.56	2.07	0.36	9.95	3.65	48.71	18.94	94.58	20.18	226.40	41.52
WLJ-5-15	0.00	9.98	0.04	0.35	1.09	0.26	8.49	2.96	42.36	16.08	86.08	18.35	215.27	39.01
WLJ-5-16	0.04	9.34	0.27	4.20	7.21	0.92	32.21	9.87	122.82	41.46	184.04	35.59	364.08	60.68
WLJ-5-17	2.45	14.08	0.72	3.87	3.40	0.74	17.51	5.66	78.36	29.22	147.41	31.98	363.76	67.95
WLJ-5-18	20.90	60.48	6.11	28.87	7.05	0.73	16.00	4.23	52.03	18.91	96.55	20.05	222.21	39.38
WLJ-5-19	0.02	17.30	0.09	1.86	3.65	0.68	19.49	6.90	89.26	33.61	167.95	34.77	385.76	69.70
WLJ-5-20	2.66	3.73	0.07	1.19	2.15	0.19	13.89	4.51	60.30	21.50	103.39	19.72	205.35	35.25
WLJ-5-21	0.10	10.69	0.10	1.33	2.29	0.35	11.83	3.76	44.61	15.49	69.12	13.48	141.64	24.07
WLJ-5-22	0.00	13.14	0.09	2.44	3.91	0.20	23.99	8.15	104.69	38.41	179.36	35.90	376.46	60.41
WLJ-5-23	2.41	35.75	3.30	21.89	15.10	5.62	42.92	12.38	143.74	48.09	225.96	46.65	535.30	94.89
WLJ-5-24	0.93	25.53	0.99	7.30	7.07	1.38	24.56	7.30	82.56	25.42	109.99	20.38	207.75	32.65
WLJ-5-25	0.00	12.67	0.09	1.03	2.78	0.88	21.57	7.20	98.05	33.99	163.25	32.18	354.74	61.89
WLJ-5-26	20.01	78.77	3.56	12.91	5.21	1.12	23.18	7.09	95.68	33.34	158.14	30.61	329.52	56.09
WLJ-5-27	0.01	3.91	0.04	0.47	0.72	0.17	3.92	1.46	20.68	8.39	47.51	11.51	151.08	31.42
WLJ-5-28	0.01	5.66	0.06	1.40	3.82	0.48	24.97	8.02	98.53	32.40	145.29	27.98	283.15	48.16
WLJ-5-29	0.02	10.69	0.19	2.05	5.02	1.01	25.94	8.37	110.01	39.63	189.41	38.82	424.63	74.90
WLJ-5-30	3.44	24.85	1.17	4.48	2.30	0.49	12.83	4.03	58.77	22.18	114.78	25.44	286.68	53.92
WLJ-5-31	0.01	7.90	0.00	0.37	0.96	0.33	5.14	1.95	30.10	12.31	71.26	17.77	225.78	46.48
WLJ-5-32	0.03	13.25	0.18	2.89	5.55	0.88	32.28	10.17	137.90	49.91	234.60	46.38	482.94	82.26
WLJ-5-33	0.00	5.28	0.05	1.02	1.63	0.21	9.33	3.10	40.34	14.00	67.11	13.46	142.94	24.84
WLJ-5-34	0.21	7.94	0.31	2.86	2.78	0.80	10.31	3.55	46.32	16.11	83.86	19.23	227.72	42.59
WLJ-5-35	1.67	8.17	0.38	1.47	0.86	0.13	4.53	1.58	23.55	9.86	57.74	14.44	190.76	40.24
WLJ-5-36	0.01	6.16	0.03	0.86	1.45	0.41	10.13	3.80	49.24	17.89	92.88	20.74	254.36	49.23
WLJ-5-37	0.00	4.90	0.01	0.65	2.20	0.50	17.33	6.28	82.88	30.77	146.22	28.71	300.62	49.32
WLJ-5-38	0.12	17.02	0.10	0.66	1.89	0.44	8.56	2.75	38.99	14.99	80.79	18.20	221.02	42.28
WLJ-5-39	0.73	7.34	0.13	0.83	1.05	0.16	6.48	2.54	36.80	13.84	71.78	15.30	172.57	31.26
WLJ-5-40	0.01	3.64	0.06	0.85	2.45	0.13	15.37	5.38	67.36	23.08	109.16	20.90	221.03	36.78
WLJ-5-41	20.57	62.71	4.65	18.23	6.45	0.91	20.12	6.48	88.56	34.03	175.91	39.39	460.06	85.33
WLJ-5-42	0.01	11.64	0.04	1.24	2.25	0.55	15.03	5.11	71.39	27.30	135.57	28.71	324.58	57.63
WLJ-5-43	0.02	12.21	0.05	1.10	1.75	0.61	7.30	1.94	19.46	4.83	17.34	3.12	27.31	4.22
WLJ-5-44	0.01	16.59	0.07	1.43	2.63	0.61	18.49	6.58	95.22	37.19	198.88	41.54	478.45	88.52
WLJ-5-45	0.03	11.66	0.24	4.93	5.79	1.04	26.01	7.59	86.90	27.38	117.09	21.35	212.81	34.04
WLJ-5-46	0.00	11.01	0.02	0.43	0.93	0.27	7.53	2.91	41.27	16.63	85.33	19.57	224.39	41.40
WLJ-5-47	0.16	9.31	0.10	1.16	2.34	0.45	12.77	4.28	59.10	21.62	112.31	24.14	279.02	50.78
WLJ-5-48	2.84	18.14	1.33	7.50	4.03	0.16	18.97	7.06	93.56	36.30	184.29	38.69	423.69	72.16

WLJ-5-49	4.63	27.58	3.31	20.01	12.71	3.83	40.49	12.61	161.76	55.03	268.13	54.98	601.46	104.79
WLJ-5-50	0.00	9.84	0.01	0.39	0.94	0.32	7.00	2.62	37.31	14.82	75.90	16.33	191.67	34.40
WLJ-5-51	0.02	5.80	0.22	3.91	8.86	0.21	43.80	13.98	167.83	55.53	248.63	46.52	464.12	71.86
WLJ-5-52	0.00	11.10	0.03	0.56	1.84	0.43	11.77	3.87	57.72	21.81	111.58	23.28	268.92	49.11
WLJ-5-53	0.21	18.52	0.36	4.03	6.34	0.31	29.41	9.41	125.51	44.06	202.56	38.61	398.78	62.16
WLJ-5-54	7.14	93.97	11.93	78.06	45.62	18.15	99.29	24.96	250.70	68.53	280.04	53.56	565.98	95.13
WLJ-5-55	0.42	11.32	0.47	3.53	5.06	0.79	23.84	7.43	97.08	34.63	164.36	33.55	353.15	60.65
WLJ-5-56	0.00	11.96	0.01	0.31	0.77	0.42	5.67	1.98	29.78	13.05	75.52	19.20	258.40	55.76
WLJ-5-57	0.09	10.77	0.22	1.60	2.35	0.74	10.59	3.95	53.28	21.20	115.31	26.41	322.82	61.71
WLJ-5-58	0.28	12.61	0.63	4.95	5.61	0.90	24.18	7.42	80.81	24.11	94.24	16.54	157.74	23.50
WLJ-5-59	0.17	28.48	0.87	12.08	15.97	3.14	71.75	20.95	256.66	85.50	380.28	71.70	728.84	117.37
WLJ-5-60	0.04	5.21	0.13	1.28	2.72	0.51	15.24	4.48	53.29	18.42	81.80	16.80	184.44	33.71
WLJ-5-61	0.01	5.31	0.03	1.23	2.84	0.08	21.51	8.12	110.64	39.71	188.51	37.77	388.42	62.39
WLJ-5-62	0.00	10.33	0.08	1.28	2.08	0.39	10.89	4.17	62.53	23.75	124.63	27.03	299.59	53.72
WLJ-5-63	0.00	4.65	0.03	0.27	2.34	0.37	17.87	9.11	133.92	47.65	227.93	44.56	455.88	70.89
WLJ-5-64	0.01	16.28	0.05	1.12	2.86	0.81	20.19	6.71	94.39	35.20	177.69	37.39	418.63	74.93
WLJ-5-65	0.36	29.69	0.54	4.19	3.69	0.69	15.12	4.89	60.98	21.66	106.11	22.13	241.31	41.17
WLJ-5-66	0.00	14.19	0.03	0.66	1.38	0.27	11.37	4.01	62.26	25.16	136.45	29.59	345.97	63.41
WLJ-5-67	0.02	15.60	0.08	1.59	3.49	0.46	16.32	4.96	62.10	20.04	90.33	17.57	179.93	29.79
WLJ-5-68	0.09	14.90	0.26	2.72	4.88	0.95	20.74	7.16	93.69	33.03	159.57	33.26	357.76	62.07
WLJ-5-69	0.20	12.49	0.27	2.81	4.24	0.89	20.68	7.38	100.81	37.91	197.12	41.25	479.65	85.24
WLJ-5-70	0.00	19.43	0.09	1.07	1.81	0.93	10.61	3.21	43.52	16.58	89.84	21.09	262.10	53.23
LJ-29-1-0	7.03	19.41	1.85	13.07	20.73	5.62	91.54	26.09	248.12	65.09	244.22	43.56	392.12	60.52
LJ-29-1-0	1.91	27.20	0.56	3.45	3.74	0.74	19.88	7.38	103.27	41.63	220.14	48.59	535.14	97.07
LJ-29-1-0	0.00	0.29	0.00	0.00	0.00	0.03	0.59	0.42	6.62	3.31	20.25	5.15	64.69	13.80
LJ-29-1-0	0.55	9.45	0.89	8.17	7.73	2.93	28.71	10.46	124.00	43.66	217.06	46.71	489.82	90.58
LJ-29-1-0	0.00	9.43	0.02	0.40	1.58	0.34	9.70	3.58	54.94	21.37	118.65	27.43	315.46	57.79
LJ-29-1-0	0.15	24.79	0.16	1.90	3.55	1.34	24.23	9.12	123.73	49.05	253.08	54.98	573.45	105.61
LJ-29-1-0	0.05	3.25	0.08	1.26	2.84	0.46	12.75	3.84	42.15	12.24	53.22	9.60	96.72	15.51
LJ-29-1-0	0.01	9.25	0.07	1.15	2.36	0.22	12.96	4.96	66.85	25.84	134.47	30.60	349.51	62.59
LJ-29-1-0	0.09	12.78	0.15	1.23	1.53	0.76	9.26	3.38	54.18	23.68	151.76	41.95	551.63	115.53
LJ-29-1-1	0.25	8.64	0.12	1.93	4.56	0.74	26.32	9.37	126.97	45.50	218.70	44.10	440.06	73.66
LJ-29-1-1	0.68	27.13	1.47	11.61	10.42	3.35	26.71	8.89	112.75	41.95	232.04	57.24	721.41	146.43
LJ-29-1-1	0.02	2.15	0.08	1.10	2.26	0.26	14.10	5.11	72.63	29.08	150.36	32.70	363.91	66.02
LJ-29-1-1	0.29	25.47	1.29	16.57	20.90	2.21	90.89	26.08	298.73	95.99	409.20	78.53	737.91	118.17
LJ-29-1-1	0.05	15.01	0.22	4.51	7.70	0.85	41.78	13.50	170.16	59.88	275.51	54.60	513.99	82.26
LJ-29-1-1	0.01	18.42	0.06	1.10	2.12	0.20	13.74	4.93	66.21	24.37	123.84	25.74	266.40	45.71
LJ-29-1-1	0.00	11.04	0.06	0.71	2.57	0.45	14.70	4.77	63.67	23.95	122.89	27.04	276.72	48.46

LJ-29-1-1	0.10	20.17	0.04	0.77	1.55	0.70	10.62	3.52	55.69	24.72	153.34	38.88	505.12	113.17
LJ-29-1-1	0.01	1.76	0.10	1.34	2.18	0.47	15.05	4.11	45.15	14.21	63.02	12.65	126.59	22.04
LJ-29-1-1	0.15	7.26	0.21	3.10	7.25	1.32	43.20	14.62	192.05	70.21	334.19	65.59	628.92	105.23
LJ-29-1-2	0.00	19.08	0.04	0.93	1.51	0.18	11.77	4.45	64.11	25.26	129.82	29.39	314.58	55.47
LJ-29-1-2	0.01	5.58	0.06	0.35	0.46	0.20	1.54	0.30	3.06	0.85	3.36	0.53	6.08	0.92
LJ-29-1-2	0.05	2.96	0.05	0.77	1.78	0.12	11.44	4.00	53.60	20.35	98.48	20.10	201.71	34.06
LJ-29-1-2	0.00	13.74	0.04	1.03	2.19	0.93	12.48	4.10	56.02	22.72	125.72	30.86	380.44	76.06
LJ-29-1-2	0.00	10.10	0.01	0.18	0.35	0.19	2.81	1.07	14.50	6.28	38.30	9.91	130.82	29.27
LJ-29-1-2	0.09	28.33	0.36	4.86	7.27	2.04	29.82	8.35	101.61	33.01	164.69	34.42	357.26	62.80
LJ-29-1-2	3.11	15.16	0.59	2.43	1.81	0.48	8.45	2.58	37.27	14.75	86.34	22.02	273.42	57.66
LJ-29-1-2	0.11	10.13	0.06	0.80	1.49	0.28	7.75	2.67	35.65	13.14	68.01	14.69	149.99	27.64
LJ-29-1-2	8.91	27.54	2.38	12.52	5.92	1.09	24.34	8.08	101.99	36.12	176.37	35.97	365.57	62.41
LJ-29-1-2	12.38	46.77	3.11	17.30	7.04	1.33	25.80	7.48	91.95	33.05	160.78	33.90	363.05	60.86
LJ-29-1-3	0.21	13.72	0.45	4.39	6.36	1.03	30.01	10.11	120.18	42.83	206.50	40.49	395.03	65.21
LJ-29-1-3	0.04	12.91	0.10	1.55	3.74	0.84	22.90	7.40	94.00	36.93	184.56	38.22	396.24	67.11
LJ-29-1-3	0.03	46.23	0.14	3.06	6.09	1.80	32.10	10.25	127.98	44.33	213.29	44.35	453.73	74.03
LJ-29-1-3	0.13	20.55	0.11	1.79	3.29	1.26	17.72	5.88	79.84	32.45	177.16	41.95	499.00	99.11
LJ-29-1-3	0.14	16.89	0.10	1.29	2.74	0.91	12.68	4.58	67.42	26.96	150.56	36.93	454.47	90.46
LJ-29-1-3	0.24	11.99	0.83	8.58	11.30	4.42	30.54	9.34	90.58	26.71	128.20	29.88	330.57	59.72
LJ-29-1-3	0.07	8.34	0.08	0.74	2.31	0.21	14.44	5.26	74.93	28.15	142.62	30.79	314.08	50.87
LJ-29-1-3	0.02	9.75	0.07	1.34	2.53	0.78	15.44	5.68	77.34	29.34	146.95	31.88	332.54	56.58
LJ-29-1-3	0.00	10.73	0.05	1.08	2.39	0.23	15.36	4.77	63.99	22.32	109.49	22.23	221.81	35.62
LJ-29-1-3	2.11	13.33	1.26	8.69	6.57	0.74	21.00	7.07	95.38	35.20	180.31	39.64	435.53	76.74
LJ-29-1-4	0.01	5.28	0.03	0.60	1.20	0.44	6.51	2.38	32.84	13.07	75.76	17.86	212.68	41.24
LJ-29-1-4	20.75	64.86	5.68	29.00	8.16	0.63	21.32	6.60	92.76	36.54	198.20	44.26	493.21	89.82
LJ-29-1-4	0.01	6.03	0.03	0.59	1.79	0.54	13.33	4.63	59.98	20.70	100.98	21.20	232.05	41.65
LJ-29-1-4	0.02	3.40	0.20	3.26	7.43	1.71	47.85	15.81	190.56	63.43	272.69	49.00	450.40	65.63
LJ-29-1-4	0.00	5.70	0.14	3.06	9.00	0.44	35.96	8.78	85.52	23.88	104.04	20.23	205.89	33.11
LJ-29-1-4	0.17	12.29	0.14	1.91	4.17	0.59	24.91	8.74	118.44	44.36	225.34	48.04	501.09	85.23
LJ-29-1-4	0.02	9.80	0.13	1.84	2.85	1.29	14.37	5.13	72.46	26.49	132.80	27.99	295.49	52.38
LJ-29-1-4	0.00	2.71	0.03	0.64	2.07	0.17	15.88	5.88	84.06	30.84	154.05	32.68	341.67	57.08
LJ-29-1-4	1.31	25.75	0.37	2.89	3.02	1.52	16.12	5.60	78.05	31.00	164.45	39.55	471.16	88.53
LJ-29-1-4	0.01	2.77	0.03	0.34	1.26	0.32	7.97	2.77	40.11	15.77	85.97	19.16	220.39	40.67
LJ-29-1-5	0.02	49.59	0.31	5.59	7.54	2.19	22.48	5.01	48.27	13.58	55.35	11.02	113.67	18.30
LJ-29-1-5	0.00	1.52	0.03	0.67	2.40	0.28	19.56	7.00	76.20	19.64	71.09	11.80	103.23	14.37
LJ-29-1-5	0.06	32.70	0.06	1.27	2.60	0.91	14.38	4.84	67.41	25.76	137.76	32.07	368.30	64.77
LJ-29-1-5	0.16	18.78	1.10	11.49	16.24	5.56	54.39	16.08	184.15	54.38	234.68	46.51	454.23	65.78
LJ-29-1-5	0.01	10.00	0.12	1.77	3.25	0.06	12.92	4.27	52.36	17.90	81.37	16.65	163.65	26.28

LJ-29-1-5	0.66	23.98	0.19	2.19	3.30	0.78	19.52	7.39	106.54	43.15	228.26	51.32	562.08	99.68
LJ-29-1-5	0.00	3.42	0.04	0.74	2.71	0.17	18.54	6.75	95.74	35.71	176.93	36.52	378.72	60.88
LJ-29-1-5	0.01	10.21	0.08	1.63	4.37	0.77	27.28	9.55	130.67	47.73	233.79	49.00	515.29	82.73
LJ-29-1-5	0.00	13.43	0.03	0.57	1.96	0.29	11.16	3.76	52.27	20.32	106.75	23.61	267.78	45.75
LJ-29-1-5	18.22	55.76	6.37	34.56	12.20	0.79	30.73	9.53	122.57	45.84	221.95	45.63	463.80	72.66
LJ-29-1-6	1.51	11.46	0.80	4.96	4.44	0.88	22.29	8.20	111.13	40.14	196.06	40.12	426.77	69.76
LJ-29-1-6	0.02	6.75	0.05	1.00	2.39	0.25	13.94	4.87	64.32	23.12	112.06	23.52	239.32	39.13
LJ-29-1-6	0.03	13.44	0.02	0.37	1.26	0.16	7.77	3.24	47.38	18.74	100.08	22.35	250.49	42.26
LJ-29-1-6	1.32	14.00	0.47	3.14	3.06	0.18	14.04	4.94	66.96	24.28	121.05	26.53	288.67	46.79
LJ-29-1-6	0.00	7.39	0.04	1.13	3.42	0.51	21.39	7.53	101.06	36.37	170.76	34.29	354.60	58.29
LJ-29-1-6	0.11	9.81	0.37	3.98	6.37	1.85	35.87	14.15	204.05	76.20	382.82	81.17	844.04	138.22
LJ-29-1-6	0.00	23.01	0.04	1.04	2.57	0.89	14.72	5.11	69.65	25.02	121.00	25.12	262.61	43.19
LJ-29-1-6	0.28	23.95	0.69	6.25	6.98	2.66	21.99	7.54	103.08	39.00	224.21	57.58	726.12	142.57
LJ-29-1-6	0.00	0.87	0.02	0.53	2.39	0.12	17.46	6.68	81.08	25.38	118.37	24.86	266.25	41.36
LJ-29-1-6	0.15	4.97	0.12	1.31	1.76	0.52	9.42	2.95	42.69	15.52	84.35	19.53	233.74	41.45
LJ-29-1-7	0.03	22.36	0.12	1.91	3.23	1.01	19.05	6.55	87.16	33.18	175.25	38.95	449.66	83.47
NJ-7-01	0.01	8.02	0.12	2.41	5.22	1.00	31.29	10.40	136.98	48.18	225.21	42.28	444.89	72.01
NJ-7-02	1.38	18.62	1.55	9.92	9.39	1.46	58.56	21.02	272.99	90.12	395.94	79.47	835.87	123.77
NJ-7-03	0.37	6.43	0.33	5.49	9.98	0.22	58.46	20.32	278.35	96.10	442.96	83.20	858.48	134.46
NJ-7-04	0.00	6.42	0.13	1.98	3.92	0.90	16.66	4.59	53.88	18.58	89.26	17.78	186.37	33.69
NJ-7-05	0.53	10.76	0.29	1.42	1.36	0.65	5.98	2.10	25.72	9.52	51.79	11.88	148.68	29.30
NJ-7-06	0.05	15.61	0.09	1.34	1.70	0.11	9.91	3.53	44.70	16.89	83.81	17.07	193.42	31.96
NJ-7-07	0.08	4.67	0.21	3.69	7.02	0.38	49.59	15.71	218.52	78.65	367.40	68.85	718.82	115.08
NJ-7-08	0.00	10.52	0.01	0.43	1.63	0.32	8.40	2.86	41.03	14.81	71.45	15.31	165.23	30.95
NJ-7-09	0.02	6.93	0.11	1.24	2.15	0.55	12.61	4.21	58.93	21.88	114.86	25.72	304.54	57.06
NJ-7-10	0.94	10.54	0.21	1.07	0.83	0.20	4.19	1.56	23.00	8.65	46.07	10.97	139.18	26.29
NJ-7-11	4.63	22.86	2.61	17.62	10.23	0.97	34.79	9.73	127.20	43.55	203.02	39.33	409.64	68.80
NJ-7-12	0.02	1.76	0.07	1.36	3.88	0.12	28.00	9.50	121.41	39.19	175.95	33.20	336.33	53.94
NJ-7-13	3.03	20.44	0.84	3.61	2.45	0.96	11.38	4.11	56.66	21.00	111.46	24.47	309.24	59.51
NJ-7-14	0.00	18.92	0.17	2.90	6.87	1.30	34.76	10.91	137.25	48.18	224.61	44.21	478.27	81.72
NJ-7-15	0.08	11.58	0.04	0.33	0.93	0.43	5.91	2.23	31.80	12.73	70.70	17.08	221.44	44.91
NJ-7-16	0.24	39.64	3.09	34.35	55.92	25.12	153.42	34.66	245.33	49.25	159.31	26.90	258.18	39.17
NJ-7-17	0.32	8.64	0.39	3.66	2.35	0.82	16.60	4.95	68.80	21.36	104.80	21.40	245.33	44.18
NJ-7-18	0.05	13.96	0.21	2.80	6.12	1.00	31.09	9.63	136.14	48.86	220.95	44.02	485.48	81.36
NJ-7-19	7.26	44.44	4.69	24.11	14.18	3.79	40.12	11.78	124.18	36.61	162.79	30.55	313.35	50.61
NJ-7-20	0.00	3.48	0.00	0.15	0.25	0.05	1.84	1.01	20.60	10.56	69.41	18.79	247.40	47.48
NJ-7-21	1.81	11.46	0.73	6.36	6.62	1.76	28.57	8.67	105.16	35.48	171.07	36.14	421.51	75.23
NJ-7-22	0.13	4.91	0.10	0.69	1.72	0.21	10.11	3.74	52.35	20.01	104.43	22.34	257.54	45.01

NJ-7-23	0.03	8.58	0.05	1.14	2.94	0.55	23.06	8.61	130.74	50.06	254.06	52.44	575.99	99.95
NJ-7-24	0.00	7.83	0.07	1.22	4.77	0.35	24.86	7.23	82.02	23.30	94.00	16.24	155.79	23.07
NJ-7-25	2.97	38.23	2.97	17.39	13.61	4.30	45.68	14.40	178.99	58.84	277.48	55.46	604.05	100.11
NJ-7-26	4.34	41.63	4.79	28.29	17.85	7.33	56.10	15.32	155.62	45.33	206.29	41.77	475.81	83.23
NJ-7-27	0.25	6.16	0.26	2.00	2.40	0.59	11.65	3.76	52.47	19.79	102.47	23.21	275.47	53.08
NJ-7-28	0.18	4.70	0.40	7.26	13.96	2.12	83.80	26.44	340.46	113.07	515.62	93.85	948.13	149.07
NJ-7-29	1.63	15.74	1.45	15.64	23.25	2.37	109.00	29.06	317.14	94.17	363.98	61.71	583.98	88.56
NJ-7-30	0.03	20.39	0.08	1.18	2.04	0.35	13.77	4.90	71.47	26.53	139.93	30.01	337.84	59.56
NJ-7-31	0.10	43.91	0.11	1.56	3.79	1.06	19.56	6.89	96.60	35.86	184.27	39.23	451.79	77.58
NJ-7-32	32.03	201.19	26.22	133.64	49.53	18.68	141.07	32.63	323.71	88.42	371.59	70.44	756.16	125.72
NJ-7-33	0.51	7.25	0.19	1.20	1.66	0.56	10.20	3.50	49.01	18.84	96.30	21.38	258.66	49.39
NJ-7-34	5.40	39.47	5.30	30.88	18.65	7.16	64.53	18.35	192.36	54.64	238.87	45.21	473.15	76.56
NJ-7-35	1.08	11.70	0.34	1.99	2.99	0.46	19.87	6.90	100.15	37.85	193.88	40.77	466.44	80.83
NJ-7-36	108.86	339.52	39.44	189.83	41.79	7.06	60.15	15.06	167.03	50.74	228.55	44.05	456.68	73.41
NJ-7-37	6.75	24.66	1.57	6.27	2.28	0.62	6.90	2.18	31.99	12.65	73.98	17.88	229.93	48.52
NJ-7-38	9.76	94.36	9.06	50.46	28.29	12.70	86.91	23.81	240.38	66.07	278.50	52.40	569.21	96.13
NJ-7-39	3.88	51.73	4.57	23.89	13.58	6.10	42.75	11.77	122.29	34.65	148.68	29.35	328.15	58.11
NJ-7-40	0.04	16.47	0.09	2.07	3.96	1.04	23.12	7.80	112.11	42.36	219.55	46.91	543.24	98.10
NJ-7-41	0.08	5.54	0.18	1.90	2.89	0.62	14.45	4.55	63.22	22.47	115.29	25.92	310.36	58.45
NJ-7-42	0.07	9.25	0.16	1.46	3.61	0.68	14.77	4.73	64.09	22.11	109.19	23.45	270.23	50.10
NJ-7-43	0.00	2.25	0.15	2.19	6.00	0.34	43.16	15.50	219.18	79.21	376.46	71.35	746.60	119.14
NJ-7-44	20.94	91.37	9.28	41.30	10.30	1.50	18.99	5.31	73.48	27.68	146.45	33.21	407.11	78.01
NJ-7-45	0.82	19.13	0.87	5.81	4.15	1.99	17.79	4.88	62.80	21.54	109.92	24.58	310.74	59.77
NJ-7-46	1.96	15.31	0.93	6.33	5.95	1.22	28.07	9.94	123.46	41.75	201.71	40.45	445.21	76.63
NJ-7-47	0.02	5.93	0.28	4.94	9.15	0.85	48.22	16.09	208.20	70.73	323.84	61.08	621.48	98.84
NJ-7-48	0.03	9.25	0.09	2.07	5.52	0.40	31.69	10.91	152.36	53.56	261.95	50.67	536.90	88.15
NJ-7-49	0.02	10.74	0.14	2.71	5.40	1.51	28.39	9.76	131.05	46.28	219.81	43.26	456.15	79.46
NJ-7-50	2.08	22.89	0.52	3.33	3.26	0.35	14.65	4.87	65.76	23.68	115.95	23.62	263.87	44.08
NJ-7-51	0.02	12.98	0.16	3.04	5.96	1.08	29.38	9.45	128.90	46.12	222.85	44.19	478.20	81.46
NJ-7-52	0.54	7.48	0.39	3.56	5.60	0.70	27.69	9.56	110.68	37.31	168.30	31.45	323.07	55.37
NJ-7-53	0.09	33.04	1.00	12.05	22.06	9.29	85.56	24.51	259.57	77.79	333.38	62.15	620.83	98.26
NJ-7-54	0.05	10.19	0.05	0.90	1.96	0.68	11.32	3.95	60.45	26.01	147.60	34.59	445.41	90.51
NJ-7-55	0.01	23.02	0.10	1.18	2.25	0.47	13.32	4.42	61.58	22.25	113.53	23.32	271.73	46.98
NJ-7-56	0.01	22.30	0.09	0.92	1.89	0.77	11.79	4.02	55.81	20.28	106.90	23.31	265.68	48.78
NJ-7-57	1.32	10.26	0.88	6.92	4.98	1.36	24.60	7.48	80.38	21.36	80.61	13.08	124.31	18.33
NJ-7-58	0.03	10.70	0.06	1.43	2.95	0.93	15.55	5.55	77.15	29.45	153.42	34.00	404.44	75.55
NJ-7-59	0.00	11.22	0.06	0.96	1.40	0.56	6.25	1.93	25.05	8.73	42.52	8.51	98.40	17.68
NJ-7-60	0.23	31.58	0.26	2.23	3.36	1.14	20.75	7.35	106.39	42.23	222.36	46.98	558.34	98.88

NJ-7-61	177.34	384.59	41.22	174.14	33.17	1.45	48.56	10.06	105.07	31.47	137.21	25.23	257.30	41.80
NJ-7-62	0.01	40.26	0.08	1.47	3.52	0.84	19.90	6.29	86.66	31.28	157.45	32.14	370.77	65.15
NJ-7-63	0.04	11.20	0.32	5.86	7.52	0.79	30.32	8.06	87.11	26.59	108.72	19.30	190.29	29.36
NJ-7-64	1.45	20.98	1.80	9.42	7.54	2.20	23.63	8.11	109.52	37.85	190.55	40.76	486.69	88.96
NJ-7-65	0.04	26.08	0.22	3.62	6.05	2.21	20.97	5.10	57.33	18.16	82.48	15.90	171.41	28.83
NJ-7-66	0.07	18.85	0.26	4.93	8.05	2.26	42.86	13.69	179.25	61.54	289.71	56.10	595.63	100.32
NJ-7-67	0.01	6.36	0.00	0.31	1.06	0.09	6.37	2.21	30.08	10.91	56.36	11.15	128.71	20.61
NJ-7-68	0.02	9.69	0.12	1.97	4.48	0.13	28.91	8.92	121.06	41.90	197.93	37.40	390.07	63.59
NJ-7-69	0.01	1.18	0.06	1.31	4.00	0.11	32.53	12.52	175.60	65.95	334.80	65.11	718.25	119.02
NJ-7-70	0.27	16.43	0.14	1.43	2.17	1.04	12.48	4.34	62.39	23.26	125.50	28.66	358.56	71.03