

Supplementary Table S1. U-Pb ages of the detrital zircons from Zibo bauxite-clay in eastern North China Block

Spot	U (ppm)	Th (ppm)	Th/U	²³⁸ U/ ²⁰⁶ Pb	± 2σ	²⁰⁷ Pb/ ²⁰⁶ Pb	± 2σ	²⁰⁶ Pb/ ²³⁸ U age (Ma)	± 2σ	²⁰⁷ Pb/ ²⁰⁶ Pb age (Ma)	± 2σ	Concordance	Intersects Concordia	Concordia age (Ma)	± 2σ
ZB2-1-1	335.00	71.30	0.21	3.03	0.0571	0.11	0.0029	1836.0	30.0	1863	46	99	Yes	1845.0	12.7
ZB2-1-2	457.60	50.41	0.11	3.08	0.0597	0.11	0.0029	1813.0	31.0	1831	47	99	Yes	1819.5	12.9
ZB2-1-3	248.50	283.00	1.14	21.76	0.4736	0.05	0.0029	289.6	6.5	260	120	100	Yes	289.7	3.1
ZB2-1-4	69.70	91.20	1.31	21.52	0.5559	0.05	0.0051	292.7	7.3	130	180	97	Yes	292.8	3.7
ZB2-1-5	328.00	119.50	0.36	2.10	0.0398	0.17	0.0041	2507.0	39.0	2521	42	99	Yes	2514.4	14.3
ZB2-1-6	131.00	114.70	0.88	20.17	0.4477	0.05	0.0033	311.8	6.8	250	130	99	Yes	311.9	3.4
ZB2-1-7	136.00	182.90	1.34	21.85	0.4774	0.05	0.0031	288.5	6.2	330	120	95	Yes	288.6	3.1
ZB2-1-8	278.60	84.70	0.30	2.97	0.0601	0.12	0.0033	1868.0	33.0	1986	48	97	Yes	1905.4	14.2
ZB2-1-9	132.00	124.60	0.94	21.95	0.4818	0.05	0.0031	287.2	6.2	290	120	98	Yes	287.3	3.1
ZB2-1-10	422.00	672.00	1.59	19.38	0.4507	0.08	0.0053	324.3	7.1	1100	140	67	No	321.3	3.7
ZB2-1-11	156.60	130.80	0.84	21.99	0.4835	0.05	0.0031	286.7	6.3	310	120	96	Yes	286.8	3.1
ZB2-1-12	862.00	212.10	0.25	3.02	0.0603	0.11	0.0028	1842.0	32.0	1859	46	99	Yes	1848.7	13.1
ZB2-1-13	554.80	160.00	0.29	2.96	0.0839	0.12	0.0037	1878.0	46.0	2020	53	96	Yes	1939.0	18.4
ZB2-1-14	212.40	117.70	0.55	21.42	0.5505	0.05	0.0041	294.1	7.3	310	160	98	Yes	294.3	3.7
ZB2-1-15	403.00	385.00	0.96	2.09	0.0423	0.17	0.0041	2523.0	44.0	2526	42	100	Yes	2524.4	14.8
ZB2-1-16	164.30	236.90	1.44	22.05	0.4862	0.06	0.0032	285.8	6.2	480	120	90	No	285.9	3.1
ZB2-1-17	921.00	515.00	0.56	2.98	0.0585	0.11	0.0028	1866.0	32.0	1859	45	100	Yes	1865.0	12.9
ZB2-1-18	744.00	683.00	0.92	20.41	0.4583	0.05	0.002	308.3	6.6	346	82	98	Yes	308.6	3.4
ZB2-1-19	372.00	117.00	0.31	2.83	0.0552	0.12	0.003	1951.0	33.0	1897	47	99	Yes	1934.5	13.2
ZB2-1-20	114.70	173.60	1.51	19.80	0.5882	0.05	0.0042	317.3	9.0	190	160	97	Yes	317.5	4.6
ZB2-1-21	376.90	225.90	0.60	2.11	0.0424	0.17	0.0042	2497.0	42.0	2523	42	99	Yes	2509.9	15.0
ZB2-1-22	209.80	194.60	0.93	20.41	0.5831	0.06	0.0047	308.1	8.8	410	170	96	Yes	308.5	4.3
ZB2-1-23	132.10	110.50	0.84	22.40	0.5520	0.05	0.0033	281.4	6.7	260	130	99	Yes	281.7	3.4
ZB2-1-24	235.90	240.90	1.02	2.07	0.0407	0.17	0.0043	2540.0	41.0	2507	44	99	Yes	2527.3	14.9
ZB2-1-25	252.30	435.00	1.72	21.54	0.5567	0.05	0.0035	292.6	7.2	180	150	96	Yes	292.4	3.7
ZB2-1-26	379.10	138.70	0.37	2.07	0.0402	0.17	0.0041	2543.0	42.0	2504	42	99	Yes	2525.0	14.4

ZB2-1-27	93.70	118.30	1.26	21.87	0.5260	0.06	0.0039	288.2	7.1	350	140	94	Yes	288.3	3.4
ZB2-1-28	264.10	211.60	0.80	21.58	0.4657	0.05	0.0025	292.0	6.2	243	100	99	Yes	292.0	3.1
ZB2-1-29	146.00	206.00	1.41	21.71	0.5656	0.05	0.0035	290.2	7.1	130	140	95	Yes	290.0	3.7
ZB2-1-30	271.40	82.00	0.30	2.89	0.0644	0.12	0.0032	1913.0	37.0	1905	50	100	Yes	1912.6	14.7
ZB2-1-31	499.00	96.20	0.19	2.86	0.0554	0.11	0.0028	1935.0	32.0	1860	45	98	Yes	1909.5	12.8
ZB2-1-32	131.00	134.30	1.03	15.96	0.3565	0.17	0.013	391.7	8.3	2400	130	22	No	377.7	4.2
ZB2-1-33	121.80	87.90	0.72	2.06	0.0466	0.17	0.0048	2550.0	49.0	2544	48	100	Yes	2550.0	16.8
ZB2-1-34	205.40	108.20	0.53	2.93	0.0574	0.12	0.0034	1894.0	32.0	1989	49	98	Yes	1922.6	14.0
ZB2-1-35	126.9	193.3	1.52	22.17	0.6391	0.09	0.007	284.6	7.9	1260	190	57	No	279.42	4
ZB2-1-36	288.20	257.20	0.89	16.25	0.3433	0.06	0.0025	384.9	7.9	365	99	99	Yes	385.2	3.9
ZB2-1-37	318.00	124.40	0.39	2.48	0.0546	0.13	0.0036	2185.0	41.0	2107	48	98	Yes	2154.6	15.2
ZB2-1-38	441.00	276.80	0.63	3.03	0.0614	0.11	0.003	1838.0	32.0	1870	46	99	Yes	1850.4	13.6
ZB2-1-39	78.90	72.10	0.91	1.94	0.0412	0.17	0.0048	2683.0	45.0	2562	46	97	Yes	2623.9	16.0
ZB2-1-40	460.10	165.90	0.36	2.95	0.0628	0.12	0.0031	1881.0	36.0	1972	46	98	Yes	1914.3	14.3
ZB2-1-41	179.70	253.50	1.41	22.28	0.4963	0.05	0.0027	283.0	6.4	253	110	100	Yes	283.1	3.1
ZB2-1-42	149.40	85.40	0.57	21.59	0.5595	0.05	0.0031	291.7	7.2	310	130	98	Yes	292.0	3.7
ZB2-1-43	124.70	125.10	1.00	1.95	0.0420	0.17	0.0046	2663.0	45.0	2587	45	98	Yes	2625.2	15.7
ZB2-1-44	77.40	38.61	0.50	1.89	0.0500	0.18	0.0068	2734.0	58.0	2676	62	98	Yes	2712.2	20.9
ZB2-1-45	122.50	122.60	1.00	20.72	0.5152	0.05	0.0031	303.8	7.2	240	120	100	Yes	303.8	3.7
ZB2-1-46	80.20	92.20	1.15	2.08	0.0432	0.17	0.0046	2529.0	44.0	2502	47	100	Yes	2521.2	15.8
ZB2-1-47	227.30	134.10	0.59	2.96	0.0631	0.12	0.0031	1874.0	35.0	1871	49	100	Yes	1876.8	14.1
ZB2-1-48	546.40	90.20	0.17	2.88	0.0622	0.12	0.0031	1920.0	36.0	1962	45	99	Yes	1937.3	14.4
ZB2-1-49	176.00	117.00	0.66	21.46	0.5986	0.05	0.0033	293.4	7.9	270	130	99	Yes	293.7	4.0
ZB2-1-50	287.90	204.60	0.71	21.48	0.5074	0.05	0.0026	293.3	6.9	270	100	100	Yes	293.5	3.4
ZB2-1-51	253.10	196.20	0.78	21.45	0.5061	0.05	0.0025	293.7	6.8	311	99	98	Yes	294.0	3.4
ZB2-1-52	69.80	69.90	1.00	20.08	0.8468	0.06	0.0081	316.0	14.0	420	280	91	Yes	313.2	6.5
ZB2-1-53	55.20	49.80	0.90	21.62	0.5608	0.05	0.0055	291.4	7.7	160	190	99	Yes	291.6	3.7
ZB2-1-54	95.30	115.00	1.21	21.57	0.5586	0.05	0.0038	292.0	7.5	130	150	95	Yes	291.9	3.7
ZB2-1-55	196.20	78.70	0.40	2.78	0.0617	0.12	0.0033	1981.0	38.0	1931	50	99	Yes	1967.1	14.8
ZB2-1-56	359.60	127.40	0.35	21.21	0.4500	0.05	0.0022	296.9	6.4	269	89	100	Yes	297.0	3.1

ZB2-1-57	248.90	129.00	0.52	2.10	0.0439	0.17	0.0043	2513.0	43.0	2531	43	100	Yes	2525.0	15.4
ZB2-1-58	243.30	93.30	0.38	2.85	0.0609	0.12	0.0034	1938.0	36.0	1950	50	99	Yes	1946.2	14.7
ZB2-1-59	241.00	160.00	0.66	2.06	0.0468	0.17	0.0043	2545.0	46.0	2503	44	99	Yes	2525.9	16.0
ZB2-1-60	61.90	58.00	0.94	21.55	0.6038	0.05	0.0053	292.2	7.9	170	190	98	Yes	292.4	4.0
ZB2-1-61	205.00	281.00	1.37	21.05	0.4873	0.05	0.0029	299.1	7.0	318	110	97	Yes	299.4	3.4
ZB2-1-62	311.80	320.00	1.03	2.01	0.0444	0.17	0.0047	2601.0	48.0	2570	45	99	Yes	2588.6	16.3
ZB2-1-63	228.70	138.20	0.60	21.50	0.5085	0.05	0.003	293.0	6.9	310	120	97	Yes	293.2	3.4
ZB2-1-64	133.40	95.00	0.71	2.04	0.0456	0.17	0.0048	2574.0	46.0	2567	46	100	Yes	2573.1	16.6
ZB2-1-65	612.00	422.00	0.69	20.96	0.4835	0.05	0.0019	300.4	6.6	281	78	100	Yes	300.5	3.4
ZB2-1-66	449.90	447.10	0.99	19.50	0.4565	0.06	0.0021	322.3	7.1	530	77	91	Yes	322.6	3.7
ZB2-1-67	677.00	396.00	0.58	20.61	0.4671	0.05	0.0019	305.4	6.6	296	77	100	Yes	305.6	3.4
ZB2-1-68	72.30	90.90	1.26	21.28	0.5888	0.05	0.0043	296.7	8.0	220	160	100	Yes	296.1	4.0
ZB2-1-69	341.50	237.50	0.70	20.97	0.4837	0.06	0.0025	300.2	6.7	382	93	95	Yes	300.6	3.4
ZB2-1-70	512.00	241.00	0.47	15.53	0.3375	0.05	0.0019	402.3	8.8	340	77	99	Yes	401.9	4.2
ZB2-1-71	130.20	98.50	0.76	2.14	0.0594	0.17	0.0049	2471.0	55.0	2535	50	98	Yes	2512.5	18.9
ZB2-1-72	133.10	79.50	0.60	21.66	0.5632	0.05	0.0032	290.8	7.1	270	120	99	Yes	291.0	3.7
ZB2-1-73	584.00	645.00	1.10	3.09	0.0924	0.12	0.0037	1807.0	47.0	1901	55	98	Yes	1845.8	18.9
ZB2-1-74	690.00	431.10	0.62	20.49	0.5459	0.06	0.0022	306.8	8.2	385	86	96	Yes	307.6	4.0
ZB2-1-75	93.50	91.30	0.98	22.08	0.8772	0.06	0.0073	285.6	11.0	440	260	92	Yes	285.5	5.6
ZB2-1-76	689.00	287.60	0.42	2.19	0.0475	0.17	0.0044	2426.0	45.0	2543	43	97	Yes	2484.7	16.1
ZB2-1-77	87.40	90.70	1.04	21.55	0.6038	0.05	0.0042	292.1	8.0	160	150	97	Yes	292.4	4.0
ZB2-1-78	269.20	75.00	0.28	2.98	0.0693	0.12	0.0034	1862.0	38.0	1892	49	99	Yes	1875.1	15.5
ZB2-1-79	252.80	200.80	0.79	16.75	0.4209	0.05	0.0024	373.8	8.9	346	94	100	Yes	374.0	4.6
ZB2-1-80	261.20	117.70	0.45	2.79	0.0858	0.12	0.0039	1971.0	53.0	1894	67	98	Yes	1939.3	19.2
ZB2-1-81	71.20	129.30	1.82	21.23	0.6311	0.05	0.0048	296.6	8.4	170	170	98	Yes	296.8	4.3
ZB2-1-82	328.80	285.30	0.87	1.96	0.0423	0.21	0.0054	2653.0	48.0	2897	42	95	Yes	2787.7	16.9
ZB2-1-83	724.00	334.20	0.46	19.87	0.4737	0.05	0.0019	316.5	7.1	310	79	99	Yes	316.7	3.7
ZB2-1-84	110.30	178.00	1.61	2.11	0.0488	0.17	0.005	2502.0	47.0	2547	50	99	Yes	2527.6	17.5
ZB2-1-85	181.10	128.80	0.71	21.86	0.5255	0.05	0.003	288.3	6.5	250	120	99	Yes	288.4	3.4
ZB2-1-86	530.00	469.30	0.89	2.09	0.0481	0.17	0.0044	2516.0	47.0	2530	45	100	Yes	2526.6	16.3

ZB2-1-87	527.20	124.20	0.24	2.10	0.0484	0.17	0.0043	2511.0	48.0	2528	44	100	Yes	2524.4	16.1
ZB2-1-88	252.70	132.60	0.52	22.08	0.9746	0.05	0.0054	285.0	13.0	360	240	96	Yes	285.8	6.2
ZB2-1-89	155.80	59.60	0.38	2.90	0.0666	0.12	0.0032	1906.0	38.0	1869	50	99	Yes	1897.5	14.9
ZB2-1-90	505.00	96.40	0.19	2.88	0.0673	0.12	0.0031	1917.0	39.0	1879	48	99	Yes	1905.8	14.9
ZB2-1-91	216.60	258.00	1.19	3.04	0.0713	0.12	0.0033	1830.0	37.0	1910	50	98	Yes	1862.3	15.5
ZB2-1-92	313.90	711.00	2.27	21.30	0.4992	0.05	0.0024	295.6	6.9	235	98	98	Yes	295.7	3.4
ZB2-1-93	170.10	162.70	0.96	20.88	0.6102	0.06	0.0043	301.7	8.4	470	160	92	Yes	301.7	4.3
ZB2-1-94	229.90	181.60	0.79	20.30	0.4947	0.06	0.0027	309.8	7.1	397	100	95	Yes	310.2	3.7
ZB2-1-95	227.00	149.70	0.66	21.41	0.5042	0.05	0.0025	294.2	6.9	253	100	100	Yes	294.3	3.4
ZB2-1-96	121.00	83.80	0.69	19.84	0.5905	0.14	0.011	316.6	9.2	2000	130	31	No	303.4	4.5
ZB2-1-97	385.30	129.10	0.34	3.07	0.0761	0.12	0.0033	1819.0	39.0	1923	50	97	Yes	1859.6	16.2
ZB2-1-98	86.60	118.00	1.36	17.24	0.4756	0.05	0.0036	363.6	9.7	240	140	97	Yes	363.4	4.9
ZB2-1-99	38.70	59.00	1.52	2.04	0.0499	0.17	0.0053	2569.0	50.0	2497	55	99	Yes	2543.1	18.3
ZB2-1-100	135.80	75.50	0.56	1.96	0.0463	0.18	0.0048	2650.0	49.0	2620	45	99	Yes	2634.7	16.8
ZB2-1-101	414.00	323.00	0.78	2.06	0.0469	0.17	0.0043	2544.0	48.0	2517	44	99	Yes	2531.0	15.9
ZB2-1-102	282.30	300.70	1.07	21.61	0.5605	0.05	0.0022	291.5	7.2	237	94	98	Yes	291.4	3.7
ZB2-1-103	439.00	195.20	0.44	2.95	0.0688	0.11	0.003	1879.0	38.0	1871	50	100	Yes	1878.0	14.8
ZB2-1-104	209.80	77.80	0.37	2.89	0.0670	0.12	0.0032	1914.0	38.0	1875	50	99	Yes	1900.4	15.0
ZB2-1-105	448.40	74.50	0.17	2.98	0.0721	0.12	0.0031	1865.0	40.0	1886	49	99	Yes	1875.8	15.4
ZB2-1-106	318.70	277.90	0.87	16.08	0.3877	0.05	0.0021	389.1	9.1	313	84	98	Yes	388.6	4.5
ZB2-1-107	527.00	92.50	0.18	2.90	0.0679	0.12	0.003	1910.0	39.0	1892	48	100	Yes	1905.2	14.8
ZB2-1-108	570.10	375.30	0.66	16.62	0.3868	0.05	0.0019	376.5	8.3	331	79	99	Yes	376.5	4.2
ZB2-1-109	449.00	417.60	0.93	21.19	0.7182	0.06	0.0031	297.0	9.6	460	120	94	Yes	297.6	4.9
ZB2-1-110	154.10	95.80	0.62	21.31	0.5449	0.05	0.0031	295.5	7.7	300	120	98	Yes	295.8	3.7
ZB2-2-1	319.80	436.00	1.36	20.78	0.4317	0.05	0.0021	303.0	6.2	278	88	100	Yes	303.1	3.1
ZB2-2-2	76.40	65.70	0.86	21.64	0.5617	0.05	0.0044	291.2	7.2	160	170	96	Yes	291.3	3.7
ZB2-2-3	120.00	123.70	1.03	21.72	0.5189	0.05	0.0035	290.1	6.9	130	140	94	Yes	289.9	3.4
ZB2-2-4	358.30	310.70	0.87	22.03	0.4318	0.05	0.002	286.2	5.5	301	85	99	Yes	286.4	2.7
ZB2-2-5	110.60	105.80	0.96	21.22	0.4954	0.06	0.0037	296.8	6.5	330	140	96	Yes	296.9	3.4
ZB2-2-6	515.00	494.00	0.96	21.74	0.4255	0.05	0.0019	289.8	5.5	297	81	99	Yes	290.0	2.8

ZB2-2-7	221.40	490.00	2.21	21.89	0.4599	0.05	0.0023	288.0	5.9	221	94	98	Yes	287.9	3.0
ZB2-2-8	109.90	73.10	0.67	22.06	0.4867	0.05	0.0033	285.8	6.4	190	130	98	Yes	285.8	3.1
ZB2-2-9	113.70	104.60	0.92	22.23	0.5437	0.05	0.0038	283.6	6.8	140	140	97	Yes	283.6	3.4
ZB2-2-10	86.90	122.20	1.41	21.83	0.5718	0.05	0.0055	288.7	7.3	280	200	97	Yes	288.8	3.7
ZB2-2-11	182.00	176.00	0.97	21.28	0.5885	0.05	0.0037	296.1	8.0	290	140	99	Yes	296.2	4.0
ZB2-2-12	175.20	207.20	1.18	22.12	0.4895	0.05	0.003	285.0	6.3	250	120	100	Yes	285.1	3.1
ZB2-2-13	408.80	636.00	1.56	20.96	0.4393	0.05	0.002	300.4	6.2	304	80	99	Yes	300.6	3.1
ZB2-2-14	436.00	304.00	0.70	21.07	0.5330	0.06	0.0035	298.8	7.4	500	130	92	Yes	298.9	3.7
ZB2-2-15	145.50	140.50	0.97	21.82	0.4763	0.05	0.0032	288.8	6.2	260	120	99	Yes	288.9	3.1
ZB2-2-16	216.90	349.40	1.61	22.04	0.4856	0.05	0.0026	286.0	6.2	243	100	100	Yes	286.1	3.1
ZB2-2-17	144.70	154.60	1.07	21.54	0.5105	0.05	0.0032	292.4	6.8	250	120	100	Yes	292.6	3.4
ZB2-2-18	64.60	53.47	0.83	22.02	0.5819	0.05	0.0043	286.2	7.4	50	160	92	Yes	286.1	3.7
ZB2-2-19	119.10	160.10	1.34	21.92	0.5283	0.05	0.0034	287.6	6.8	200	130	99	Yes	287.7	3.4
ZB2-2-20	118.70	338.00	2.85	21.51	0.5087	0.05	0.0038	293.0	6.7	190	140	99	Yes	293.0	3.4
ZB2-2-21	159.90	230.90	1.44	21.23	0.4956	0.05	0.0027	296.7	6.7	285	110	99	Yes	296.9	3.4
ZB2-2-22	100.40	122.90	1.22	21.33	0.5458	0.07	0.0044	295.3	7.3	690	140	81	No	294.4	3.7
ZB2-2-23	73.70	86.90	1.18	21.55	0.5571	0.05	0.004	292.3	7.2	200	150	99	Yes	292.5	3.7
ZB2-2-24	161.50	192.80	1.19	21.83	0.6197	0.06	0.0035	288.8	7.9	370	130	96	Yes	288.9	4.0
ZB2-2-25	167.50	188.00	1.12	21.69	0.4703	0.05	0.0028	290.6	6.2	160	110	96	Yes	290.4	3.1
ZB2-2-26	117.70	75.60	0.64	21.62	0.5142	0.05	0.0033	291.4	6.8	250	130	99	Yes	291.5	3.4
ZB2-2-27	117.50	103.50	0.88	21.56	0.5111	0.05	0.0041	292.2	6.8	200	160	98	Yes	292.3	3.4
ZB2-2-28	78.90	103.00	1.31	21.31	0.5451	0.05	0.0041	295.5	7.5	280	150	98	Yes	295.7	3.7
ZB2-2-29	70.70	61.30	0.87	15.27	0.4895	0.28	0.016	408.0	13.0	3272	100	-2	No	342.3	5.9
ZB2-2-30	415.70	417.50	1.00	21.56	0.4602	0.05	0.0019	292.2	6.1	252	79	99	Yes	292.2	3.0
ZB2-2-31	78.90	94.20	1.19	22.16	0.5894	0.06	0.0047	284.4	7.2	270	170	97	Yes	284.6	3.7
ZB2-2-32	368.50	331.90	0.90	17.48	0.3666	0.05	0.0022	358.6	7.4	349	88	100	Yes	358.8	3.7
ZB2-2-33	150.10	119.20	0.79	21.51	0.6475	0.05	0.0045	293.2	8.4	340	170	97	Yes	293.1	4.3
ZB2-2-34	216.60	174.40	0.81	21.56	0.5111	0.05	0.0024	292.3	6.7	279	99	100	Yes	292.4	3.4
ZB2-2-35	22.37	19.63	0.88	21.23	0.7212	0.05	0.0079	296.4	9.8	-180	280	83	No	296.5	4.9
ZB2-2-36	63.58	50.02	0.79	22.27	0.5952	0.05	0.0047	283.0	7.3	180	170	99	Yes	283.2	3.7

ZB2-2-37	230.40	303.30	1.32	2.11	0.0437	0.17	0.0043	2497.0	43.0	2529	45	99	Yes	2513.6	15.4
ZB2-2-38	98.40	115.80	1.18	22.52	0.5577	0.05	0.0041	280.0	6.7	170	160	99	Yes	280.1	3.4
ZB2-2-39	175.80	197.70	1.12	16.56	0.3839	0.06	0.0028	377.9	8.3	335	110	100	Yes	378.2	4.3
ZB2-2-40	255.00	374.00	1.47	21.80	0.5226	0.06	0.0025	289.1	6.6	355	96	96	Yes	289.5	3.4
ZB2-2-41	91.30	131.60	1.44	20.83	0.5642	0.05	0.004	302.2	7.8	300	150	98	Yes	302.4	4.0
ZB2-2-42	176.50	289.30	1.64	21.48	0.5076	0.05	0.0029	293.2	6.8	260	110	100	Yes	293.4	3.4
ZB2-2-43	87.32	189.50	2.17	21.53	0.5562	0.05	0.0038	292.6	7.6	230	140	99	Yes	292.8	3.7
ZB2-2-44	119.60	80.90	0.68	21.10	0.6231	0.05	0.0043	298.7	8.8	180	170	96	Yes	298.5	4.3
ZB2-2-45	137.50	231.30	1.68	22.00	0.5325	0.05	0.0033	286.4	6.9	180	130	98	Yes	286.5	3.4
ZB2-2-46	223.60	156.00	0.70	21.34	0.5012	0.05	0.0027	295.1	6.9	305	110	98	Yes	295.4	3.4
ZB2-2-47	64.50	78.50	1.22	20.88	0.6102	0.05	0.0046	301.2	8.7	50	180	91	Yes	301.3	4.3
ZB2-2-48	200.90	462.00	2.30	21.65	0.9370	0.05	0.0045	291.0	12.0	200	180	98	Yes	291.0	6.1
ZB2-2-49	50.42	83.50	1.66	21.74	0.6144	0.05	0.0051	290.0	8.3	-70	200	87	No	289.3	4.0
ZB2-2-50	93.30	64.60	0.69	21.81	0.5708	0.05	0.0036	288.9	7.7	180	140	98	Yes	288.9	3.7
ZB2-2-51	476.00	305.00	0.64	17.36	0.4220	0.06	0.0024	361.1	8.7	646	83	88	No	360.9	4.3
ZB2-2-52	84.60	62.80	0.74	22.57	0.6624	0.05	0.0042	279.3	8.3	270	160	99	Yes	279.6	4.0
ZB2-2-53	166.60	178.80	1.07	22.29	0.5464	0.05	0.0031	282.9	6.5	170	120	97	Yes	282.9	3.4
ZB2-2-54	103.90	117.90	1.13	18.80	0.4947	0.05	0.0035	333.8	8.5	190	130	96	Yes	333.9	4.3
ZB2-2-55	268.00	187.00	0.70	20.97	0.4837	0.05	0.0027	300.3	6.8	240	100	99	Yes	300.3	3.4
ZB2-2-56	215.00	124.70	0.58	2.88	0.0662	0.11	0.0031	1921.0	38.0	1874	48	99	Yes	1905.1	14.8
ZB2-2-57	175.90	185.30	1.05	21.61	0.5138	0.05	0.0026	291.5	6.8	215	110	98	Yes	291.5	3.4
ZB2-2-58	40.90	64.00	1.56	20.92	0.6565	0.06	0.0064	301.0	9.4	130	210	98	Yes	301.1	4.6
ZB2-2-59	301.60	335.20	1.11	21.86	0.4780	0.05	0.0022	288.3	6.4	209	92	98	Yes	288.1	3.1
ZB2-2-60	67.50	45.89	0.68	22.32	0.6477	0.06	0.0041	282.6	7.8	300	150	97	Yes	282.7	4.0
ZB2-2-61	56.20	81.60	1.45	21.55	0.6503	0.05	0.005	292.4	8.7	140	180	97	Yes	292.4	4.3
ZB2-2-62	41.26	52.10	1.26	22.17	0.6391	0.05	0.0057	284.2	8.3	100	200	96	Yes	284.4	4.0
ZB2-2-63	173.00	130.00	0.75	21.75	0.5203	0.05	0.0029	289.7	7.0	220	110	98	Yes	289.8	3.4
ZB2-2-64	108.90	104.00	0.96	21.06	0.5323	0.05	0.0035	298.9	7.3	310	130	98	Yes	299.2	3.7
ZB2-2-65	132.20	166.10	1.26	22.08	0.4873	0.05	0.0031	285.6	6.3	250	120	99	Yes	285.7	3.1
ZB2-2-66	384.20	240.00	0.62	16.90	0.3714	0.06	0.0021	370.4	8.1	396	82	98	Yes	371.0	4.0

ZB2-2-67	368.40	524.00	1.42	22.36	0.5498	0.05	0.0022	282.0	6.5	279	86	100	Yes	282.2	3.4
ZB2-2-68	173.90	506.00	2.91	20.67	0.5125	0.06	0.0031	304.6	7.5	320	120	99	Yes	304.8	3.7
ZB2-2-69	89.30	112.90	1.26	21.57	0.5586	0.05	0.0037	292.0	7.3	30	140	91	Yes	291.6	3.7
ZB2-2-70	133.90	143.20	1.07	21.60	0.5598	0.05	0.0031	291.7	7.4	200	130	98	Yes	291.7	3.7
ZB2-2-71	135.00	174.10	1.29	21.42	0.5963	0.05	0.0037	294.1	7.8	220	140	98	Yes	294.2	4.0
ZB2-2-72	158.20	49.20	0.31	3.05	0.0681	0.11	0.0033	1825.0	36.0	1824	52	100	Yes	1828.3	14.8
ZB2-2-73	93.90	163.50	1.74	21.37	0.5481	0.05	0.0038	294.7	7.4	210	140	98	Yes	294.9	3.7
ZB2-2-74	103.70	83.60	0.81	21.72	0.5664	0.05	0.0038	290.0	7.4	100	140	94	Yes	289.9	3.7
ZB2-2-75	214.30	230.40	1.08	21.75	0.4730	0.05	0.0025	289.7	6.4	155	100	96	Yes	289.5	3.1
ZB2-2-76	46.67	39.34	0.84	20.96	0.6593	0.05	0.0059	300.3	9.1	-20	220	89	No	300.2	4.6
ZB2-2-77	96.70	72.50	0.75	22.49	0.5565	0.05	0.0038	280.3	7.1	220	140	100	Yes	280.5	3.4
ZB2-2-78	74.80	93.60	1.25	21.70	0.5651	0.06	0.0046	291.0	7.7	230	160	99	Yes	290.5	3.7
ZB2-2-79	206.30	233.80	1.13	22.06	0.5351	0.05	0.0026	285.8	6.7	312	100	98	Yes	286.1	3.4
ZB2-2-80	147.00	161.80	1.10	22.29	0.5963	0.05	0.003	282.8	7.3	160	120	96	Yes	282.7	3.7
ZB2-2-81	71.40	116.00	1.62	21.83	0.6197	0.05	0.0046	288.4	7.9	130	170	96	Yes	288.7	4.0
ZB2-2-82	231.00	160.00	0.69	21.46	0.5526	0.05	0.0027	293.5	7.6	335	100	97	Yes	293.8	3.7
ZB2-2-83	143.50	145.20	1.01	21.56	0.5576	0.05	0.0032	292.2	7.6	260	130	100	Yes	292.4	3.7
ZB2-2-84	145.50	342.30	2.35	21.75	0.5205	0.05	0.0032	289.7	7.0	230	120	100	Yes	289.8	3.4
ZB2-2-85	550.00	464.00	0.84	21.77	0.4738	0.05	0.002	289.5	6.4	333	82	98	Yes	289.8	3.1
ZB2-2-86	244.90	353.00	1.44	22.13	0.5387	0.05	0.0025	284.9	6.9	272	100	100	Yes	285.0	3.4
ZB2-2-87	118.10	172.30	1.46	21.69	0.5647	0.06	0.0038	290.5	7.2	320	140	97	Yes	290.7	3.7
ZB2-2-88	228.60	151.60	0.66	21.74	0.6616	0.05	0.0029	289.8	8.9	340	120	97	Yes	290.2	4.3
ZB2-2-89	461.00	397.80	0.86	18.93	0.4658	0.12	0.0079	331.7	8.1	1890	130	37	No	318.4	3.9
ZB2-2-90	172.00	175.10	1.02	21.51	0.9250	0.05	0.0051	293.0	12.0	320	190	97	Yes	293.2	6.2
ZB2-2-91	198.50	236.40	1.19	21.38	0.5486	0.06	0.0032	294.6	7.2	400	120	94	Yes	294.8	3.7
ZB2-2-92	182.60	244.10	1.34	22.34	0.5990	0.05	0.0028	282.2	7.1	214	110	99	Yes	282.3	3.7
ZB2-2-93	108.50	85.90	0.79	22.33	0.5984	0.05	0.0038	282.3	7.2	240	140	100	Yes	282.5	3.7
ZB2-2-94	77.00	54.40	0.71	22.37	0.6506	0.06	0.0044	281.5	8.1	270	160	96	Yes	282.0	4.0
ZB2-2-95	111.50	129.10	1.16	22.37	0.6506	0.05	0.0037	282.0	7.8	290	130	97	Yes	282.1	4.0
ZB2-2-96	193.30	166.10	0.86	21.79	0.5698	0.05	0.0027	289.8	7.4	190	110	97	Yes	289.0	3.7

ZB2-2-97	144.70	274.00	1.89	22.13	0.5876	0.05	0.0032	284.8	7.5	200	120	98	Yes	284.9	3.7
ZB2-2-98	84.60	32.06	0.38	21.79	0.6645	0.05	0.0039	289.2	8.4	290	150	99	Yes	289.5	4.3
ZB2-2-99	459.00	1001.00	2.18	19.59	0.4605	0.08	0.0032	320.9	7.4	1023	89	71	No	314.9	3.7
ZB2-2-100	93.90	124.50	1.33	22.61	0.6137	0.05	0.0041	278.8	7.2	250	150	98	Yes	279.1	3.7
ZB2-2-101	110.60	166.30	1.50	21.69	0.6588	0.05	0.0043	290.5	8.9	290	160	97	Yes	290.7	4.3
ZB2-2-102	65.70	78.60	1.20	2.06	0.0468	0.17	0.005	2545.0	49.0	2581	49	99	Yes	2566.3	17.2
ZB2-2-103	31.87	21.94	0.69	22.78	0.7783	0.05	0.0067	276.8	9.2	-20	240	91	Yes	276.9	4.6
ZB2-2-104	200.80	147.10	0.73	21.62	0.5608	0.05	0.0027	291.5	7.3	154	110	96	Yes	291.1	3.7
ZB2-2-105	56.20	28.29	0.50	21.98	0.6279	0.05	0.0051	286.7	8.3	240	180	99	Yes	286.9	4.0
ZB2-2-106	98.90	67.40	0.68	22.11	0.5866	0.05	0.004	285.1	7.6	110	150	94	Yes	285.0	3.7
ZB2-2-107	120.80	208.10	1.72	22.43	0.6038	0.05	0.0036	281.1	7.2	230	130	100	Yes	281.3	3.7
ZB2-2-108	182.00	207.80	1.14	21.76	0.5210	0.05	0.0029	289.5	6.9	230	110	99	Yes	289.6	3.4
ZB2-2-109	136.20	105.30	0.77	22.19	0.5908	0.05	0.0036	284.1	7.6	180	140	97	Yes	284.1	3.7
ZB2-2-110	47.80	44.50	0.93	21.88	0.7182	0.05	0.0053	287.7	9.4	190	190	100	Yes	288.2	4.6
ZB3-1-1	345.8	158.6	0.46	20.39	0.2702	0.05	0.0019	308.6	4	260	78	99	YES	308.6	2.0
ZB3-1-2	311.9	463	1.48	21.96	0.3086	0.05	0.0022	287	3.9	224	88	99	YES	287.1	2.0
ZB3-1-3	50.5	31.02	0.61	2.14	0.0283	0.17	0.0034	2473	27	2516	35	99	YES	2494.1	10.8
ZB3-1-4	370.6	82	0.22	3.04	0.0333	0.11	0.0017	1831	17	1835	28	100	YES	1834.3	7.4
ZB3-1-5	848	321	0.38	20.42	0.2418	0.05	0.0014	308.2	3.6	243	59	98	YES	308.1	1.8
ZB3-1-6	430.7	187.6	0.44	20.14	0.2838	0.05	0.0022	312.3	4.3	267	89	100	YES	312.4	2.2
ZB3-1-7	637	458.7	0.72	19.96	0.2350	0.05	0.0017	315.1	3.6	320	68	99	YES	315.3	1.8
ZB3-1-8	248	91.9	0.37	3.07	0.0340	0.11	0.002	1816	17	1826	33	100	YES	1819.5	7.7
ZB3-1-9	129.1	61.1	0.47	20.25	0.3771	0.05	0.0037	310.7	5.7	110	140	95	YES	310.6	2.8
ZB3-1-10	543.9	194.2	0.36	20.29	0.2512	0.05	0.0021	310	3.8	291	86	99	YES	310.2	1.9
ZB3-1-11	546	310	0.57	21.90	0.3214	0.05	0.0021	287.8	4.1	261	84	99	YES	287.9	2.1
ZB3-1-12	410.2	334.1	0.81	20.75	0.3142	0.05	0.002	303.4	4.5	278	81	99	YES	303.5	2.2
ZB3-1-13	578	157.4	0.27	2.97	0.0378	0.11	0.0018	1872	21	1865	28	100	YES	1872.5	8.4
ZB3-1-14	790	386	0.49	2.97	0.0352	0.11	0.0017	1870	19	1849	27	100	YES	1864.0	7.8
ZB3-1-15	271.7	125.5	0.46	3.01	0.0353	0.11	0.002	1849	19	1827	33	100	YES	1846.4	8.1
ZB3-1-16	1549	77.1	0.05	2.95	0.0357	0.11	0.0015	1881	20	1856	24	100	YES	1872.6	7.5

ZB3-1-17	779	264.6	0.34	20.55	0.2789	0.05	0.0016	306.2	4.1	282	65	100	YES	306.3	2.0
ZB3-1-18	1394	108	0.08	2.96	0.0368	0.11	0.0016	1874	20	1870	25	100	YES	1875.1	7.9
ZB3-1-19	754	376.3	0.50	2.97	0.0363	0.11	0.0017	1867	20	1840	27	100	YES	1859.9	7.9
ZB3-1-20	231.2	115.4	0.50	20.55	0.3507	0.05	0.0031	306.2	5.1	200	120	98	YES	306.2	2.6
ZB3-1-21	392.6	298.6	0.76	20.26	0.3080	0.05	0.002	310.5	4.6	215	83	98	YES	310.3	2.3
ZB3-1-22	280	98.5	0.35	2.07	0.0256	0.17	0.0027	2542	26	2532	26	100	YES	2541.5	9.3
ZB3-1-23	272.1	218.7	0.80	2.08	0.0278	0.17	0.0026	2526	28	2521	26	100	YES	2527.0	9.5
ZB3-1-24	231.6	139.5	0.60	16.75	0.2497	0.05	0.0026	373.7	5.4	280	100	99	YES	373.8	2.7
ZB3-1-25	429	97.3	0.23	2.90	0.0329	0.11	0.0018	1907	19	1855	29	99	YES	1893.6	7.7
ZB3-1-26	852	89.4	0.10	2.87	0.0313	0.12	0.0016	1928	18	1899	24	99	YES	1918.6	7.2
ZB3-1-27	153.3	210.7	1.37	20.00	0.3440	0.05	0.0031	314.4	5.3	240	120	100	YES	314.5	2.6
ZB3-1-28	312	268	0.86	21.32	0.3363	0.05	0.0024	295.4	4.5	176	98	97	YES	295.4	2.3
ZB3-1-29	439.9	262.5	0.60	21.61	0.3175	0.05	0.002	291.6	4.2	292	80	98	YES	291.7	2.1
ZB3-1-30	94.4	55.4	0.59	2.12	0.0288	0.16	0.0031	2494	30	2498	33	100	YES	2494.4	10.6
ZB3-1-31	105.6	133.3	1.26	19.61	0.3845	0.06	0.0044	320.6	6.2	280	160	98	YES	320.7	3.1
ZB3-1-32	423	128.8	0.30	2.96	0.0350	0.11	0.0018	1876	19	1864	30	100	YES	1874.2	8.0
ZB3-1-33	415	260.6	0.63	2.04	0.0233	0.17	0.0024	2570	24	2528	24	99	YES	2551.5	8.4
ZB3-1-34	308	326	1.06	2.97	0.0380	0.11	0.0019	1868	21	1870	30	100	YES	1871.7	8.5
ZB3-1-35	144.3	130.9	0.91	2.01	0.0271	0.17	0.0029	2599	29	2503	30	98	YES	2555.3	10.0
ZB3-1-36	282	275	0.98	20.08	0.2781	0.05	0.0024	313.3	4.2	300	90	98	YES	313.4	2.1
ZB3-1-37	191.1	142.8	0.75	20.66	0.3415	0.05	0.003	304.6	4.9	270	110	98	YES	304.8	2.5
ZB3-1-38	270	110.1	0.41	19.47	0.3186	0.05	0.0021	322.8	5.2	263	86	99	YES	322.8	2.6
ZB3-1-39	188	101.4	0.54	2.96	0.0402	0.11	0.0021	1882	23	1859	33	100	YES	1875.1	9.2
ZB3-1-40	348.3	77.1	0.22	2.87	0.0395	0.11	0.0017	1928	23	1856	27	99	YES	1898.8	8.5
ZB3-1-41	175.1	93.2	0.53	3.02	0.0430	0.11	0.0019	1841	23	1818	32	100	YES	1836.6	9.1
ZB3-1-42	364.4	54.2	0.15	2.91	0.0408	0.12	0.0018	1900	23	1896	28	100	YES	1901.3	8.9
ZB3-1-43	233.6	160.7	0.69	2.04	0.0309	0.17	0.0028	2566	32	2535	28	100	YES	2553.8	10.4
ZB3-1-44	317	144.1	0.45	2.77	0.0390	0.12	0.0021	1988	24	2008	30	99	YES	1999.7	9.5
ZB3-1-45	200.3	239.2	1.19	20.04	0.5221	0.05	0.0037	313.7	8	290	150	99	YES	314.0	4.0
ZB3-1-46	120	69.1	0.58	2.01	0.0307	0.17	0.003	2599	33	2530	30	99	YES	2565.4	10.8

ZB3-1-47	132.9	81.6	0.61	2.04	0.0276	0.17	0.0028	2565	29	2502	28	99	YES	2537.6	9.9
ZB3-1-48	352.1	201.9	0.57	3.37	0.0532	0.12	0.0034	1678	23	1997	47	92	YES	1717.9	11.6
ZB3-1-49	276.2	334	1.21	20.79	0.3198	0.05	0.002	303.3	4.5	257	81	100	YES	302.8	2.3
ZB3-1-50	336.2	410	1.22	20.30	0.2884	0.05	0.002	310	4.3	267	79	100	YES	310.0	2.2
ZB3-1-51	104.1	68.7	0.66	2.08	0.0321	0.17	0.0028	2523	32	2515	29	100	YES	2522.2	10.6
ZB3-1-52	112.8	59.4	0.53	2.15	0.0342	0.14	0.0029	2461	33	2255	35	96	YES	2367.1	11.2
ZB3-1-53	100	80.6	0.81	16.56	0.3015	0.05	0.0034	378	6.9	290	120	99	YES	378.1	3.3
ZB3-1-54	144	119.1	0.83	16.56	0.3015	0.06	0.0027	377.7	6.9	370	100	98	YES	378.3	3.3
ZB3-1-55	359.1	71.6	0.20	2.93	0.0421	0.11	0.0019	1890	23	1850	31	99	YES	1878.0	9.2
ZB3-1-56	310	594	1.92	23.43	0.3623	0.06	0.0022	269.4	4.1	497	79	89	NO	269.3	2.0
ZB3-1-57	517	92.6	0.18	2.82	0.0397	0.11	0.002	1956	24	1857	31	98	YES	1921.6	9.2
ZB3-1-58	520.3	169.1	0.33	2.92	0.0401	0.11	0.0019	1896	22	1848	31	99	YES	1881.2	8.9
ZB3-1-59	382	328	0.86	2.95	0.0392	0.11	0.0019	1880	22	1862	30	100	YES	1876.8	8.7
ZB3-1-60	218.3	144.5	0.66	20.51	0.3324	0.05	0.0024	306.8	4.8	275	97	99	YES	306.9	2.4
ZB3-1-61	193	65	0.34	2.93	0.0480	0.12	0.0022	1893	27	1879	35	100	YES	1893.0	10.6
ZB3-1-62	243.5	134.4	0.55	2.86	0.0465	0.11	0.0022	1933	27	1848	35	98	YES	1906.2	10.4
ZB3-1-63	516	48.79	0.09	2.93	0.0454	0.12	0.0019	1893	25	1878	28	100	YES	1889.1	9.6
ZB3-1-64	68.1	229.1	3.36	2.07	0.0324	0.16	0.003	2541	33	2491	31	99	YES	2517.7	11.1
ZB3-1-65	258	307	1.19	20.66	0.3627	0.05	0.0021	304.6	5.2	226	87	99	YES	304.6	2.6
ZB3-1-66	308	289	0.94	2.40	0.0456	0.16	0.003	2246	37	2484	31	94	YES	2382.2	12.7
ZB3-1-67	142.9	72.7	0.51	2.04	0.0336	0.17	0.0032	2576	36	2594	31	99	YES	2591.1	11.6
ZB3-1-68	73.6	42.3	0.57	2.05	0.0315	0.17	0.0032	2557	32	2521	33	100	YES	2543.9	11.3
ZB3-1-69	99.5	95.8	0.96	21.57	0.4096	0.05	0.0033	292	5.4	220	120	99	YES	292.1	2.7
ZB3-1-70	132.5	66.1	0.50	3.00	0.0441	0.11	0.0025	1853	24	1859	40	99	YES	1859.1	10.2
ZB3-1-71	202.4	155.4	0.77	2.99	0.0465	0.11	0.002	1857	25	1856	33	100	YES	1860.2	9.9
ZB3-1-72	174.1	155.3	0.89	1.99	0.0317	0.17	0.003	2619	34	2585	29	100	YES	2605.0	11.0
ZB3-1-73	265	60.7	0.23	2.97	0.0441	0.11	0.0021	1870	24	1840	34	100	YES	1864.5	9.7
ZB3-1-74	187.2	171	0.91	20.58	0.3814	0.05	0.0025	305.7	5.5	200	100	98	YES	305.7	2.8
ZB3-1-75	528.2	65.9	0.12	3.04	0.0426	0.11	0.0019	1831	22	1847	30	99	YES	1839.6	9.1
ZB3-1-76	275.6	267.5	0.97	20.04	0.3775	0.05	0.0021	313.8	5.7	299	86	99	YES	314.0	2.9

ZB3-1-77	527	204.1	0.39	2.95	0.0444	0.12	0.002	1880	25	1891	31	99	YES	1887.7	9.7
ZB3-1-78	262.6	230.5	0.88	16.82	0.2546	0.06	0.0021	372.3	5.5	390	79	98	YES	372.6	2.7
ZB3-1-79	350.9	416	1.19	16.56	0.3015	0.06	0.002	378.2	6.6	389	76	98	YES	378.4	3.3
ZB3-1-80	279.3	53.93	0.19	2.96	0.0474	0.12	0.0022	1872	26	1883	34	99	YES	1881.1	10.4
ZB3-1-81	215.8	186.6	0.86	2.13	0.0341	0.17	0.0029	2476	33	2521	29	99	YES	2506.6	11.1
ZB3-1-82	250.5	266.8	1.07	20.10	0.3516	0.05	0.0023	312.8	5.3	223	93	99	YES	312.8	2.7
ZB3-1-83	211	96.1	0.46	2.99	0.0501	0.11	0.0022	1857	27	1853	34	100	YES	1859.6	10.7
ZB3-1-84	207.4	185.1	0.89	2.05	0.0324	0.17	0.0031	2556	33	2526	31	99	YES	2544.7	11.3
ZB3-1-85	247.3	184.5	0.75	3.00	0.0459	0.11	0.0021	1855	25	1839	34	100	YES	1852.2	9.9
ZB3-1-86	266.2	162.4	0.61	17.39	0.3327	0.07	0.0026	360.1	6.7	984	76	74	NO	356.2	3.4
ZB3-1-87	816	131	0.16	2.99	0.0511	0.12	0.0019	1856	27	1893	29	99	YES	1875.8	10.2
ZB3-1-88	485	144.2	0.30	2.95	0.0521	0.11	0.0019	1884	28	1825	30	99	YES	1859.2	10.3
ZB3-1-89	616	68.3	0.11	3.03	0.0550	0.11	0.0019	1838	29	1850	31	99	YES	1849.1	10.5
ZB3-1-90	109.1	89.9	0.82	2.01	0.0368	0.18	0.0036	2603	40	2601	34	100	YES	2608.6	12.9
ZB3-1-91	370.3	598	1.61	20.79	0.3845	0.05	0.0021	302.8	5.5	319	83	98	YES	303.1	2.7
ZB3-1-92	391	324	0.83	20.35	0.3684	0.05	0.0021	309.2	5.4	318	80	98	YES	309.5	2.7
ZB3-1-93	549	140.3	0.26	2.13	0.0382	0.17	0.003	2475	37	2522	29	99	YES	2507.6	11.8
ZB3-1-94	301.9	218.5	0.72	21.75	0.4070	0.05	0.0022	289.6	5.3	278	88	98	YES	289.8	2.7
ZB3-1-95	584	53.6	0.09	2.91	0.0433	0.12	0.0022	1903	25	1867	34	99	YES	1893.9	9.9
ZB3-1-96	119.6	190.2	1.59	3.00	0.0530	0.11	0.0025	1854	29	1809	42	100	YES	1845.0	11.5
ZB3-1-97	414.5	446	1.08	16.95	0.2873	0.06	0.0018	369.2	6.3	418	69	97	YES	370.0	3.0
ZB3-1-98	346	146	0.42	3.01	0.0516	0.12	0.0022	1848	28	1883	35	99	YES	1867.7	10.9
ZB3-1-99	188.7	198.5	1.05	2.01	0.0369	0.16	0.0027	2594	39	2497	27	98	YES	2535.2	11.1
ZB3-1-100	162.5	179.4	1.10	16.26	0.2908	0.05	0.0027	384.6	6.8	260	100	97	YES	384.6	3.3
ZB3-1-101	33.61	20.68	0.62	2.09	0.0416	0.17	0.0045	2513	41	2507	47	100	YES	2524.3	15.3
ZB3-1-102	280.1	94.4	0.34	2.10	0.0357	0.18	0.0038	2508	35	2643	35	97	YES	2582.4	13.1
ZB3-1-103	586.9	15.95	0.03	2.94	0.0457	0.11	0.0019	1887	26	1873	29	100	YES	1883.9	9.6
ZB3-1-104	418.4	106.4	0.25	2.91	0.0415	0.11	0.0018	1902	24	1843	28	99	YES	1881.3	8.9
ZB3-1-105	390.6	202.4	0.52	16.75	0.2806	0.05	0.0017	374.2	6.5	320	67	99	YES	373.7	3.0
ZB3-1-106	188.7	140.7	0.75	3.02	0.0483	0.11	0.0022	1842	25	1848	35	99	YES	1849.4	10.4

ZB3-1-107	531	159.1	0.30	16.86	0.2844	0.05	0.0015	371	6.1	323	62	100	YES	371.2	3.0
ZB3-1-108	208.1	61.3	0.29	2.72	0.0414	0.12	0.0022	2016	27	1967	32	99	YES	2000.4	10.1
ZB3-1-109	214.8	258.2	1.20	2.45	0.0481	0.18	0.0037	2202	37	2655	35	89	NO	2429.8	15.1
ZB3-1-110	545	44.8	0.08	2.94	0.0519	0.11	0.0019	1884	29	1867	30	100	YES	1880.5	10.3
ZB3-3-1	93.2	137.4	1.47	21.68	0.4041	0.05	0.0036	290.6	5.3	280	130	98	YES	290.8	2.7
ZB3-3-2	226.3	246	1.09	20.89	0.2750	0.05	0.0024	301.3	3.9	294	92	98	YES	301.4	1.9
ZB3-3-3	1062	704	0.66	37.47	0.4633	0.05	0.0015	169.8	2	249	61	96	YES	169.8	1.0
ZB3-3-4	131.7	220	1.67	21.39	0.3616	0.06	0.0034	294.4	4.9	310	130	96	YES	294.6	2.4
ZB3-3-5	332	112.1	0.34	2.86	0.0351	0.11	0.0018	1934	20	1868	28	99	YES	1913.6	8.1
ZB3-3-6	326.9	146.9	0.45	21.97	0.2799	0.05	0.0022	286.9	3.6	309	89	97	YES	287.0	1.8
ZB3-3-7	355	103.5	0.29	2.95	0.0374	0.11	0.0018	1880	21	1859	28	100	YES	1875.6	8.3
ZB3-3-8	124.9	80.9	0.65	22.21	0.4044	0.05	0.003	283.9	5.1	200	120	99	YES	283.9	2.5
ZB3-3-9	98.2	73.3	0.75	22.35	0.4147	0.05	0.0042	282.1	5.1	220	150	99	YES	282.2	2.6
ZB3-3-10	261.3	429	1.64	20.93	0.2936	0.05	0.0023	300.7	4.1	247	94	100	YES	300.8	2.1
ZB3-3-11	236	72.8	0.31	3.02	0.0346	0.12	0.0019	1845	18	1877	30	99	YES	1855.5	7.9
ZB3-3-12	190.3	213	1.12	21.73	0.3589	0.05	0.0024	290	4.7	185	100	97	YES	289.9	2.3
ZB3-3-13	358	640	1.79	21.96	0.3038	0.05	0.0019	287.1	3.9	243	78	100	YES	287.1	1.9
ZB3-3-14	373.1	735	1.97	22.16	0.3093	0.05	0.0019	284.5	3.9	278	82	98	YES	284.6	1.9
ZB3-3-15	107.6	98	0.91	21.75	0.4117	0.05	0.0032	289.7	5.4	200	130	99	YES	289.7	2.7
ZB3-3-16	188.5	247	1.31	21.93	0.3557	0.05	0.0024	287.4	4.6	199	96	98	YES	287.5	2.3
ZB3-3-17	165.3	115.2	0.70	21.46	0.3454	0.06	0.0028	293.5	4.6	390	110	94	YES	293.7	2.3
ZB3-3-18	470	229.7	0.49	21.43	0.3031	0.05	0.0017	294	4	277	69	99	YES	294.0	2.0
ZB3-3-19	161.5	121.2	0.75	21.89	0.3450	0.05	0.0026	287.9	4.5	280	100	98	YES	288.0	2.2
ZB3-3-20	58.69	52.56	0.90	22.26	0.4706	0.05	0.0047	283.2	5.9	240	170	97	YES	283.4	2.9
ZB3-3-21	168.8	91.7	0.54	2.91	0.0331	0.11	0.0021	1903	18	1846	33	99	YES	1889.8	8.0
ZB3-3-22	145.5	101.4	0.70	21.95	0.3856	0.05	0.003	287.1	4.9	140	120	96	YES	287.0	2.5
ZB3-3-23	119.5	65.2	0.55	21.82	0.4001	0.05	0.0031	288.8	5.2	140	120	97	YES	288.7	2.6
ZB3-3-24	180.8	241.1	1.33	21.68	0.3665	0.06	0.0028	290.7	4.8	380	110	94	YES	290.8	2.4
ZB3-3-25	347	407	1.17	2.93	0.0379	0.11	0.0018	1892	20	1851	28	99	YES	1878.8	8.4
ZB3-3-26	140.7	143.6	1.02	22.34	0.3542	0.05	0.0029	282.3	4.4	210	110	100	YES	282.3	2.2

ZB3-3-27	109.9	115	1.05	21.68	0.3808	0.05	0.0031	290.6	5	180	120	98	YES	290.6	2.5
ZB3-3-28	390	480	1.23	21.80	0.3327	0.05	0.0019	289.1	4.3	214	77	99	YES	289.0	2.2
ZB3-3-29	69	81.7	1.18	21.41	0.4585	0.05	0.0045	294	6.4	230	160	99	YES	294.3	3.1
ZB3-3-30	278.5	176.9	0.64	2.08	0.0260	0.17	0.0024	2526	26	2516	25	100	YES	2524.1	8.9
ZB3-3-31	50.1	37.7	0.75	21.60	0.5598	0.06	0.0053	291.5	7.4	260	190	96	YES	291.8	3.7
ZB3-3-32	355	268.5	0.76	21.82	0.3141	0.05	0.0018	289.4	3.9	253	74	100	YES	288.9	2.0
ZB3-3-33	325.2	677	2.08	22.49	0.3086	0.05	0.002	280.4	3.8	269	84	98	YES	280.5	1.9
ZB3-3-34	60.25	46.5	0.77	21.93	0.4809	0.05	0.0046	287.5	6.1	200	170	99	YES	287.5	3.1
ZB3-3-35	437	193.6	0.44	21.73	0.2740	0.05	0.0017	289.9	3.5	267	71	99	YES	290.0	1.8
ZB3-3-36	236	442	1.87	21.69	0.3386	0.05	0.0022	290.5	4.5	264	89	99	YES	290.7	2.2
ZB3-3-37	379	341	0.90	19.62	0.2811	0.05	0.0017	320.3	4.5	379	71	96	YES	320.6	2.2
ZB3-3-38	271.6	64.6	0.24	2.90	0.0336	0.11	0.002	1910	19	1850	33	99	YES	1896.1	8.1
ZB3-3-39	149.7	83.8	0.56	21.50	0.3697	0.05	0.0032	293	4.9	220	120	98	YES	293.2	2.5
ZB3-3-40	161.4	126.4	0.78	21.65	0.3750	0.05	0.003	291	5	250	120	99	YES	291.2	2.5
ZB3-3-41	265.4	252	0.95	20.03	0.3089	0.05	0.0019	314	4.7	273	77	100	YES	314.1	2.4
ZB3-3-42	241.8	221.8	0.92	21.81	0.3566	0.05	0.0023	289	4.6	239	93	99	YES	289.1	2.3
ZB3-3-43	211.8	132.8	0.63	21.91	0.3313	0.05	0.0023	287.7	4.3	208	94	99	YES	287.6	2.1
ZB3-3-44	151.2	157.9	1.04	20.13	0.3405	0.05	0.0029	313.1	5.3	160	110	96	YES	312.4	2.6
ZB3-3-45	196.2	376.5	1.92	21.72	0.3820	0.05	0.0024	290.2	5	136	100	96	YES	289.9	2.5
ZB3-3-46	128	319	2.49	19.09	0.3499	0.11	0.0054	329	5.9	1730	96	42	NO	318.3	2.9
ZB3-3-47	222.9	186.2	0.84	2.39	0.0365	0.14	0.0024	2252	29	2157	31	98	YES	2211.9	10.3
ZB3-3-48	101.9	82.8	0.81	20.90	0.3889	0.06	0.0037	301.1	5.5	340	130	95	YES	301.3	2.7
ZB3-3-49	572.7	44.68	0.08	2.94	0.0466	0.11	0.002	1887	26	1830	31	99	YES	1869.1	9.9
ZB3-3-50	284.6	181.5	0.64	21.54	0.3620	0.05	0.0022	292.4	4.8	257	87	99	YES	292.5	2.4
ZB3-3-51	680	23.78	0.03	2.90	0.0496	0.12	0.002	1911	27	1880	31	99	YES	1898.9	10.4
ZB3-3-52	150.2	70.3	0.47	2.99	0.0481	0.12	0.0026	1860	26	1923	40	98	YES	1884.7	11.2
ZB3-3-53	258.9	57.87	0.22	2.88	0.0447	0.11	0.0019	1925	26	1854	30	99	YES	1896.9	9.6
ZB3-3-54	156.2	124	0.79	21.79	0.4462	0.05	0.0027	289.2	5.8	170	110	97	YES	289.1	2.9
ZB3-3-55	100.4	126	1.25	21.99	0.4498	0.06	0.0037	286.6	5.7	350	130	93	YES	286.7	2.9
ZB3-3-56	240.4	199.7	0.83	21.12	0.3657	0.05	0.0025	298.2	5.1	214	98	98	YES	298.2	2.5

ZB3-3-57	87.1	73.3	0.84	21.14	0.4470	0.05	0.0035	297.5	6.2	-40	140	89	NO	297.1	3.1
ZB3-3-58	152.8	88.9	0.58	22.03	0.4366	0.05	0.0033	286.1	5.5	260	120	98	YES	286.3	2.8
ZB3-3-59	125	60.2	0.48	20.70	0.4287	0.05	0.0034	303.9	6.3	210	130	99	YES	304.1	3.1
ZB3-3-60	291.6	155.8	0.53	2.42	0.0394	0.14	0.0024	2223	31	2171	33	99	YES	2198.0	10.7
ZB3-3-61	170.6	113.5	0.67	20.30	0.3831	0.05	0.003	309.9	5.7	300	110	98	YES	310.1	2.9
ZB3-3-62	528	341	0.65	21.45	0.3587	0.05	0.0018	293.7	4.8	335	73	96	YES	294.0	2.4
ZB3-3-63	161.8	111.8	0.69	21.89	0.3834	0.05	0.0027	287.9	4.9	140	110	96	YES	287.8	2.5
ZB3-3-64	92.5	125	1.35	20.92	0.5252	0.05	0.0041	300.8	7.6	180	160	98	YES	301.0	3.7
ZB3-3-65	63.17	45.74	0.72	21.55	0.5109	0.05	0.0043	292.1	6.7	150	160	96	YES	292.3	3.4
ZB3-3-66	345	275	0.80	21.86	0.3537	0.05	0.0021	288.2	4.6	333	83	96	YES	288.5	2.3
ZB3-3-67	315	214.5	0.68	21.21	0.3555	0.05	0.0021	296.9	4.8	226	85	99	YES	296.8	2.4
ZB3-3-68	194.1	153.9	0.79	20.22	0.3803	0.05	0.0028	311	5.7	230	110	98	YES	311.1	2.9
ZB3-3-69	130.6	121.1	0.93	20.43	0.3925	0.05	0.0028	307.9	5.8	130	110	95	YES	307.6	2.9
ZB3-3-70	388.6	162.4	0.42	21.75	0.3502	0.05	0.0017	289.7	4.6	182	72	97	YES	289.4	2.3
ZB3-3-71	61.3	26.28	0.43	22.27	0.4960	0.05	0.0051	283	6.4	80	180	95	YES	283.1	3.1
ZB3-3-72	476.3	295	0.62	20.07	0.3423	0.05	0.0019	313.4	5.2	288	78	100	YES	313.5	2.6
ZB3-3-73	196.3	184.8	0.94	21.92	0.4276	0.05	0.0025	287.5	5.5	201	100	98	YES	287.5	2.7
ZB3-3-74	755.9	381	0.50	2.99	0.0465	0.12	0.002	1858	25	1890	31	99	YES	1874.9	9.9
ZB3-3-75	611	560	0.92	19.88	0.3557	0.05	0.0017	316.3	5.5	319	68	98	YES	316.6	2.8
ZB3-3-76	172.8	154.5	0.89	21.76	0.3977	0.05	0.0027	289.6	5.2	230	110	99	YES	289.7	2.6
ZB3-3-77	46.8	27.72	0.59	20.88	0.6102	0.05	0.0069	301.2	8.7	-40	240	90	NO	301.4	4.3
ZB3-3-78	211.2	478.3	2.26	19.69	0.3410	0.05	0.0026	319.3	5.4	286	98	99	YES	319.5	2.7
ZB3-3-79	82.7	49.7	0.60	21.51	0.4625	0.05	0.0035	293.1	6.2	190	130	99	YES	293.0	3.1
ZB3-3-80	450	354.2	0.79	22.02	0.3637	0.05	0.0021	286.2	4.6	341	80	96	YES	286.5	2.3
ZB3-3-81	175.2	279	1.59	21.80	0.3753	0.05	0.0025	289.1	4.9	256	100	99	YES	289.2	2.4
ZB3-3-82	135.3	111.3	0.82	15.67	0.2948	0.05	0.0028	398.6	7.4	270	110	97	YES	398.5	3.6
ZB3-3-83	275.7	244.6	0.89	21.01	0.3223	0.05	0.0021	299.7	4.5	229	83	98	YES	299.6	2.2
ZB3-3-84	184.2	284	1.54	20.58	0.3643	0.06	0.0026	305.8	5.3	378	99	95	YES	306.0	2.7
ZB3-3-85	103.3	132.6	1.28	22.35	0.4746	0.05	0.0031	282	5.9	150	120	96	YES	282.0	2.9
ZB3-3-86	122.8	152.8	1.24	21.83	0.4148	0.05	0.0028	288.6	5.4	210	110	99	YES	288.7	2.7

ZB3-3-87	136.4	118.1	0.87	16.72	0.3356	0.05	0.0027	374	7.1	310	100	100	YES	374.5	3.6
ZB3-3-88	335	114.3	0.34	2.90	0.0463	0.11	0.0021	1907	26	1859	35	99	YES	1892.7	10.2
ZB3-3-89	248.9	212.8	0.85	22.07	0.3749	0.05	0.0024	285.7	4.8	277	96	99	YES	285.8	2.4
ZB3-3-90	106.2	127.8	1.20	21.83	0.6197	0.06	0.005	288.8	8.1	510	170	87	NO	288.5	4.0
ZB3-3-91	265.8	74.9	0.28	2.98	0.0462	0.12	0.0022	1863	25	1875	34	99	YES	1871.7	10.2
ZB3-3-92	157.2	141.9	0.90	20.16	0.4065	0.05	0.0029	312.1	6.3	120	120	94	YES	311.6	3.1
ZB3-3-93	114.5	83.9	0.73	3.00	0.0459	0.11	0.0024	1853	25	1841	37	100	YES	1853.6	10.4
ZB3-3-94	275	259.3	0.94	16.42	0.2696	0.05	0.002	381.2	6.2	310	81	99	YES	381.0	3.0
ZB3-3-95	210.5	157.2	0.75	21.70	0.4237	0.06	0.0024	290.4	5.5	366	93	96	YES	290.7	2.8
ZB3-3-96	92.7	86.8	0.94	21.46	0.4605	0.05	0.0039	293.2	6.4	200	140	100	YES	293.7	3.1
ZB3-3-97	226	246.4	1.09	21.71	0.4146	0.05	0.0025	290.2	5.4	220	100	99	YES	290.3	2.7
ZB3-3-98	90.4	86.1	0.95	22.05	0.4522	0.05	0.0042	285.8	5.7	240	150	99	YES	286.0	2.9
ZB3-3-99	244.6	173.8	0.71	22.09	0.4589	0.05	0.0022	285.3	5.8	223	91	98	YES	285.3	2.9
ZB3-3-100	346	176.5	0.51	20.25	0.3773	0.05	0.002	310.6	5.6	282	80	100	YES	310.8	2.8
ZB3-3-101	493	447	0.91	21.65	0.3703	0.06	0.002	291	4.8	446	76	93	YES	291.3	2.4
ZB3-3-102	173	163.7	0.95	21.09	0.4225	0.05	0.0031	298.6	5.8	210	120	98	YES	298.6	2.9
ZB3-3-103	135.9	86.2	0.63	2.08	0.0369	0.17	0.003	2526	36	2516	31	100	YES	2521.2	11.7
ZB3-3-104	590	314	0.53	2.66	0.0426	0.13	0.0022	2052	28	2041	30	100	YES	2051.9	10.4
ZB3-3-105	272.5	208.1	0.76	2.08	0.0315	0.17	0.0028	2536	31	2529	28	100	YES	2535.5	10.5
ZB3-3-106	106.7	136.6	1.28	21.68	0.4231	0.05	0.0035	290.6	5.6	280	130	98	YES	290.8	2.8
ZB3-3-107	152.2	104.2	0.68	22.33	0.4388	0.05	0.003	282.3	5.4	190	110	98	YES	282.4	2.7
ZB3-3-108	215.7	339	1.57	20.86	0.3566	0.05	0.0024	301.8	5.1	251	91	100	YES	302.0	2.5
ZB3-3-109	45.2	51.2	1.13	18.62	0.5895	0.05	0.006	337	10	-100	220	84	NO	336.4	5.2
ZB3-3-110	171.4	92.8	0.54	22.01	0.4361	0.05	0.0027	286.3	5.5	270	100	99	YES	286.5	2.8
ZB4-2-1	192	192.9	1.00	20.72	0.3605	0.06	0.0027	303.8	5.2	330	100	97	YES	304.0	2.6
ZB4-2-2	266	195	0.73	21.77	0.4170	0.07	0.0034	289.5	5.4	800	110	77	NO	288.0	2.7
ZB4-2-3	199.5	92.4	0.46	21.41	0.3989	0.05	0.0024	294.2	5.3	343	94	96	YES	294.4	2.7
ZB4-2-4	254.7	152.5	0.60	21.30	0.3903	0.05	0.0024	295.6	5.3	221	96	98	YES	295.7	2.6
ZB4-2-5	233.8	200	0.86	21.74	0.3641	0.05	0.0024	289.8	4.8	212	99	98	YES	289.8	2.4
ZB4-2-6	320.1	303.9	0.95	21.66	0.3379	0.05	0.002	290.9	4.4	228	80	99	YES	290.9	2.2

ZB4-2-7	180.3	351.5	1.95	21.28	0.5432	0.05	0.0032	296	7.5	230	120	98	YES	296.0	3.7
ZB4-2-8	138.3	127.8	0.92	21.23	0.6311	0.05	0.0062	296.9	8.7	150	240	96	YES	296.6	4.3
ZB4-2-9	96.6	109.2	1.13	21.15	0.4427	0.05	0.0038	297.8	6.1	170	150	98	YES	297.8	3.0
ZB4-2-10	83.7	46.39	0.55	21.65	0.5154	0.05	0.0041	291	6.8	180	150	99	YES	291.2	3.4
ZB4-2-11	457.1	215.5	0.47	2.89	0.0460	0.11	0.0019	1912	26	1842	30	98	YES	1885.2	9.7
ZB4-2-12	280.3	54.43	0.19	2.74	0.0422	0.12	0.0022	2001	26	1867	35	97	YES	1954.6	10.0
ZB4-2-13	401.5	253.8	0.63	21.66	0.3847	0.05	0.0019	290.9	5	304	76	98	YES	291.1	2.5
ZB4-2-14	311	210	0.68	21.04	0.3585	0.08	0.0042	299.3	5	1010	100	69	NO	297.2	2.5
ZB4-2-15	287.7	193.4	0.67	20.95	0.3554	0.05	0.0021	300.6	5	252	83	99	YES	300.6	2.5
ZB4-2-16	356.5	290.9	0.82	18.28	0.3207	0.15	0.0071	343.3	5.8	2227	85	26	NO	327.7	2.9
ZB4-2-17	259.3	341.5	1.32	21.46	0.3501	0.05	0.002	293.5	4.7	229	83	98	YES	293.5	2.3
ZB4-2-18	335.9	394.6	1.17	18.33	0.3022	0.19	0.012	342.4	5.5	2560	140	12	NO	331.6	2.7
ZB4-2-19	202.9	159.2	0.78	21.41	0.3714	0.05	0.0027	294.2	5	270	100	99	YES	294.3	2.5
ZB4-2-20	95.8	72.9	0.76	21.46	0.3547	0.05	0.0038	293.5	4.7	230	150	98	YES	293.6	2.4
ZB4-2-21	88.5	65.8	0.74	21.32	0.4546	0.05	0.0039	295.2	6.3	160	150	98	YES	295.4	3.1
ZB4-2-22	339.8	118.1	0.35	3.02	0.0473	0.11	0.0021	1844	25	1803	34	99	YES	1834.5	10.0
ZB4-2-23	592.6	138	0.23	2.08	0.0285	0.16	0.0027	2530	29	2477	28	99	YES	2507.0	9.9
ZB4-2-24	205.2	238.8	1.16	20.88	0.4794	0.05	0.0033	301.5	6.9	300	120	99	YES	301.7	3.4
ZB4-2-25	324.7	325.1	1.00	19.97	0.2912	0.05	0.0019	314.9	4.5	263	78	99	YES	314.9	2.2
ZB4-2-26	210.7	256.5	1.22	21.87	0.3921	0.05	0.0027	288.2	5.1	300	100	97	YES	288.4	2.5
ZB4-2-27	237.9	162.6	0.68	20.45	0.6691	0.05	0.0036	308	10	320	140	99	YES	308.0	4.9
ZB4-2-28	436	320	0.73	21.61	0.3597	0.05	0.0018	291.5	4.7	226	75	99	YES	291.4	2.4
ZB4-2-29	516.1	392.7	0.76	21.28	0.3215	0.07	0.002	295.9	4.4	778	60	80	NO	294.3	2.2
ZB4-2-30	179.7	95.4	0.53	2.07	0.0291	0.17	0.003	2540	30	2549	29	100	YES	2548.2	10.5
ZB4-2-31	427.9	241.2	0.56	21.27	0.3302	0.05	0.0018	296.1	4.5	251	74	99	YES	296.1	2.2
ZB4-2-32	96.1	137.3	1.43	22.12	0.4797	0.06	0.0043	284.9	6	560	140	85	NO	284.5	3.0
ZB4-2-33	27.79	45.46	1.64	21.51	0.7400	0.04	0.0067	292.6	9.5	-380	250	73	NO	291.4	4.9
ZB4-2-34	150.9	88.3	0.59	2.94	0.0632	0.11	0.003	1884	35	1847	49	99	YES	1877.2	14.0
ZB4-2-35	455	202.2	0.44	19.49	0.6840	0.05	0.0034	323	11	300	140	99	YES	322.6	5.5
ZB4-2-36	421.4	477	1.13	21.83	0.5244	0.05	0.0028	288.4	6.7	260	110	100	YES	288.8	3.4

ZB4-2-37	303.7	237.7	0.78	2.99	0.0465	0.12	0.0021	1857	25	1873	33	99	YES	1867.6	10.1
ZB4-2-38	190.5	201.9	1.06	16.95	0.3447	0.06	0.0023	369.2	7	486	85	94	YES	370.1	3.7
ZB4-2-39	303	586	1.93	21.83	0.5721	0.05	0.0032	288.3	7.2	230	120	100	YES	288.7	3.7
ZB4-2-40	69.3	58.8	0.85	1.98	0.0333	0.18	0.0035	2632	36	2674	32	99	YES	2659.7	12.1
ZB4-2-41	434	348	0.80	16.81	0.4237	0.05	0.0026	372.3	8.8	360	100	99	YES	372.8	4.6
ZB4-2-42	477	33.46	0.07	2.10	0.0277	0.16	0.0026	2511	28	2503	27	100	YES	2509.6	9.5
ZB4-2-43	285.5	420	1.47	21.79	0.4082	0.05	0.0025	289.2	5.3	254	100	100	YES	289.4	2.7
ZB4-2-44	823	319.9	0.39	21.55	0.6038	0.05	0.0023	292.3	8.2	297	95	100	YES	292.6	4.0
ZB4-2-45	144.4	161.4	1.12	21.72	0.4201	0.05	0.003	290	5.5	130	120	95	YES	289.9	2.7
ZB4-2-46	335.6	482	1.44	19.21	0.3321	0.13	0.0097	327	5.5	1850	140	34	NO	322.1	2.7
ZB4-2-47	342	183.6	0.54	21.98	0.9178	0.06	0.005	287	12	440	190	93	YES	287.0	5.9
ZB4-2-48	451	85	0.19	2.76	0.0412	0.12	0.0023	1991	26	2008	32	99	YES	2000.5	10.2
ZB4-2-49	207.5	135	0.65	20.49	0.7139	0.05	0.0052	307	11	290	200	98	YES	307.3	5.2
ZB4-2-50	753	482.6	0.64	20.99	0.3657	0.06	0.0019	299.9	5.1	386	75	95	YES	300.3	2.6
ZB4-2-51	682	378	0.55	10.05	0.7677	0.12	0.0055	606	45	1854	80	61	NO	370.2	19.8
ZB4-2-52	389.7	306.2	0.79	21.96	0.3907	0.05	0.002	286.9	5	228	83	99	YES	287.0	2.5
ZB4-2-53	433	221	0.51	2.13	0.0543	0.17	0.0039	2479	52	2512	39	99	YES	2508.2	15.9
ZB4-2-54	250.7	265	1.06	19.72	0.5446	0.05	0.0032	318.8	8.8	280	130	100	YES	318.8	4.3
ZB4-2-55	264.6	240.5	0.91	19.53	0.7248	0.05	0.0049	322	12	150	200	95	YES	321.5	5.8
ZB4-2-56	179.5	60.1	0.33	1.98	0.0278	0.17	0.0031	2633	31	2545	31	98	YES	2594.4	10.5
ZB4-2-57	439	316	0.72	2.13	0.0382	0.17	0.0029	2475	37	2522	29	99	YES	2509.6	11.6
ZB4-2-58	652	415.3	0.64	21.01	0.4855	0.05	0.0021	299.4	6.5	292	88	99	YES	299.9	3.4
ZB4-2-59	439	215	0.49	21.69	0.4092	0.05	0.0027	290.5	5.4	260	110	99	YES	290.6	2.7
ZB4-2-60	809	366.6	0.45	21.58	0.3865	0.05	0.0016	291.9	5.1	360	66	96	YES	292.4	2.6
ZB4-2-61	924	567.5	0.61	2.99	0.0457	0.11	0.0019	1855	25	1867	30	99	YES	1862.9	9.6
ZB4-2-62	220.6	101.7	0.46	20.17	0.3907	0.05	0.0029	311.8	5.9	190	110	98	YES	311.8	2.9
ZB4-2-63	207.4	171.1	0.82	22.33	0.4337	0.05	0.0029	282.4	5.4	330	110	96	YES	282.6	2.7
ZB4-2-64	687	335.3	0.49	2.11	0.0308	0.17	0.0027	2494	30	2515	28	99	YES	2508.9	10.2
ZB4-2-65	1119	578	0.52	20.15	0.3006	0.05	0.0015	312.2	4.5	315	61	99	YES	312.3	2.3
ZB4-2-66	850	129.2	0.15	18.90	0.3251	0.12	0.0034	332.2	5.6	1949	50	37	NO	300.9	2.7

ZB4-2-67	227.1	165.3	0.73	21.51	0.4027	0.10	0.0084	292.8	5.4	1250	160	54	NO	290.6	2.7
ZB4-2-68	818	488.3	0.60	22.32	0.3735	0.05	0.0018	282.5	4.6	276	72	99	YES	282.7	2.3
ZB4-2-69	426	288	0.68	22.50	0.3745	0.05	0.0023	280.3	4.6	230	95	100	YES	280.4	2.3
ZB4-2-70	233.9	74.2	0.32	3.06	0.1122	0.12	0.0053	1822	58	1883	85	98	YES	1848.7	24.5
ZB4-2-71	224.4	190	0.85	21.56	0.4509	0.05	0.0029	292.2	5.9	210	120	99	YES	292.2	3.0
ZB4-2-72	460.6	132	0.29	16.78	0.2815	0.06	0.0021	373.1	6.1	395	80	97	YES	373.5	3.0
ZB4-2-73	237	206.9	0.87	21.88	0.4357	0.05	0.0031	288	5.6	290	120	97	YES	288.2	2.8
ZB4-2-74	879	396.8	0.45	17.18	0.2687	0.05	0.0014	364.6	5.5	326	59	100	YES	364.5	2.8
ZB4-2-75	89.6	142.6	1.59	21.32	0.5001	0.05	0.0042	295.5	6.6	110	160	96	YES	295.4	3.4
ZB4-2-76	498	190.7	0.38	2.11	0.0400	0.16	0.0032	2499	39	2484	34	100	YES	2494.1	12.6
ZB4-2-77	896	57.6	0.06	3.01	0.0462	0.12	0.002	1847	25	1878	31	99	YES	1862.2	9.8
ZB4-2-78	152.9	168.8	1.10	22.32	0.4185	0.06	0.0031	282.4	5.2	360	120	94	YES	282.6	2.6
ZB4-2-79	327.8	290.4	0.89	20.83	0.3819	0.05	0.0023	302.1	5.4	343	88	96	YES	302.4	2.7
ZB4-2-80	795	268.1	0.34	2.96	0.0411	0.11	0.0017	1876	23	1850	27	100	YES	1868.1	8.6
ZB4-2-81	670	858	1.28	20.37	0.3320	0.05	0.0015	308.8	4.9	304	61	99	YES	309.0	2.5
ZB4-2-82	648	634	0.98	21.78	0.4175	0.05	0.0016	289.3	5.4	293	64	98	YES	289.5	2.7
ZB4-2-83	419.7	43.9	0.10	3.05	0.0519	0.11	0.0019	1829	27	1799	32	100	YES	1819.6	10.2
ZB4-2-84	803	573	0.71	2.27	0.0568	0.17	0.0041	2347	50	2510	42	96	YES	2447.7	16.7
ZB4-2-85	496	377	0.76	2.79	0.0475	0.12	0.0024	1972	29	2017	33	98	YES	1996.0	11.2
ZB4-2-86	672.8	1005	1.49	21.12	0.3659	0.05	0.0015	298.1	5	316	60	98	YES	298.4	2.5
ZB4-2-87	169.4	296.4	1.75	21.99	0.3434	0.05	0.0026	286.6	4.4	216	100	99	YES	286.6	2.2
ZB4-2-88	194.9	322.9	1.66	22.37	0.4302	0.05	0.0024	281.9	5.3	163	98	97	YES	281.8	2.7
ZB4-2-89	128	121.2	0.95	2.83	0.0648	0.13	0.0036	1949	38	2081	49	96	YES	2005.2	16.0
ZB4-2-90	724	597	0.82	3.04	0.0508	0.12	0.0019	1831	27	1887	31	98	YES	1859.0	10.1
ZB4-2-91	559	207	0.37	20.33	0.4009	0.06	0.0016	309.4	6	393	63	95	YES	310.1	3.0
ZB4-2-92	213.6	475	2.22	22.02	0.4169	0.05	0.0022	286.2	5.3	246	90	99	YES	286.4	2.7
ZB4-2-93	74.5	153	2.05	20.33	0.4957	0.08	0.0051	309.5	7.6	940	130	71	NO	306.9	3.7
ZB4-2-94	220.4	248	1.13	16.45	0.2976	0.05	0.0022	380.3	6.7	350	84	99	YES	380.6	3.3
ZB4-2-95	98.4	176.1	1.79	20.41	0.4581	0.05	0.0032	308.1	6.5	210	120	98	YES	308.4	3.4
ZB4-2-96	77.2	163	2.11	20.04	0.4819	0.05	0.0035	313.9	7.4	230	130	98	YES	313.9	3.7

ZB4-2-97	393	258.5	0.66	22.27	0.8929	0.05	0.0043	283	11	330	160	96	YES	283.3	5.6
ZB4-2-98	422	677	1.60	22.08	0.8284	0.05	0.0035	285	10	260	150	100	YES	285.6	5.2
ZB4-2-99	985	314.7	0.32	3.33	0.0565	0.11	0.0018	1691	25	1816	29	96	YES	1745.1	10.1
ZB4-2-100	203.3	287.3	1.41	20.44	0.3383	0.05	0.0023	307.9	5	223	92	99	YES	307.9	2.5
ZB4-2-101	90.2	104	1.15	22.32	0.5481	0.06	0.004	282.5	6.6	350	140	93	YES	282.6	3.4
ZB4-2-102	55.06	44.68	0.81	22.22	0.5432	0.06	0.0045	283.9	6.5	290	170	97	YES	283.8	3.4
ZB4-2-103	114.9	215	1.87	19.46	0.3785	0.05	0.0032	323.1	6.3	150	120	96	YES	322.9	3.1
ZB4-2-104	248	160.1	0.65	20.35	0.4100	0.05	0.0019	309.1	6.1	239	79	99	YES	309.1	3.0
ZB4-2-105	542	768	1.42	2.61	0.0456	0.17	0.0028	2089	31	2545	28	89	NO	2331.8	12.5
ZB4-2-106	219.2	223	1.02	18.05	0.3258	0.06	0.0024	347.7	6.1	526	90	91	YES	347.9	3.1
ZB4-2-107	312	130.7	0.42	2.11	0.0356	0.17	0.0031	2497	35	2507	31	99	YES	2509.9	11.7
ZB4-2-108	220.5	168.8	0.77	2.01	0.0324	0.17	0.003	2598	34	2546	30	99	YES	2574.7	11.1
ZB4-2-109	474	256.6	0.54	3.09	0.0565	0.11	0.002	1803	29	1858	33	98	YES	1831.1	10.9
ZB4-2-110	307	171.5	0.56	21.55	1.0218	0.06	0.0046	292	14	380	170	95	YES	292.7	6.8
ZB4-4-1	723.7	250.6	0.35	2.10	0.0234	0.16	0.0022	2508	23	2503	22	100	YES	2507.7	8.1
ZB4-4-2	496	66.4	0.13	2.87	0.0321	0.11	0.0017	1927	19	1854	28	98	YES	1904.8	7.5
ZB4-4-3	419.4	57.2	0.14	2.04	0.0254	0.16	0.0024	2570	27	2497	25	99	YES	2532.3	8.8
ZB4-4-4	233.8	154.6	0.66	3.07	0.0386	0.11	0.0019	1816	20	1830	31	99	YES	1823.5	8.4
ZB4-4-5	391.9	273.7	0.70	2.07	0.0279	0.17	0.0024	2538	28	2529	24	100	YES	2536.3	9.1
ZB4-4-6	125.3	95.2	0.76	2.02	0.0229	0.16	0.0026	2593	24	2489	27	98	YES	2547.0	8.7
ZB4-4-7	196.5	288.7	1.47	2.09	0.0523	0.17	0.0037	2521	51	2506	38	100	YES	2515.6	15.2
ZB4-4-8	139.2	59	0.42	2.14	0.0550	0.17	0.0047	2469	52	2594	49	97	YES	2537.9	17.8
ZB4-4-9	124.3	53.2	0.43	1.98	0.0251	0.17	0.0028	2632	27	2526	29	98	YES	2580.8	9.5
ZB4-4-10	280.8	82.3	0.29	2.93	0.0369	0.11	0.0019	1891	21	1850	30	99	YES	1879.9	8.4
ZB4-4-11	552	106.4	0.19	2.90	0.0420	0.11	0.0018	1909	24	1860	28	99	YES	1891.8	9.0
ZB4-4-12	363.7	132.4	0.36	1.58	0.0220	0.25	0.0037	3156	35	3195	23	99	YES	3187.0	9.7
ZB4-4-13	315	46.1	0.15	2.89	0.0368	0.12	0.002	1914	21	1873	31	99	YES	1904.4	8.6
ZB4-4-14	89.9	76.2	0.85	2.09	0.0292	0.16	0.0029	2521	29	2499	30	100	YES	2513.6	10.3
ZB4-4-15	15.33	15.31	1.00	2.85	0.0812	0.11	0.0064	1935	50	1710	120	95	YES	1909.6	20.9
ZB4-4-16	369.8	318	0.86	2.08	0.0284	0.17	0.0027	2533	29	2515	27	100	YES	2527.9	9.8

ZB4-4-17	110	77.3	0.70	19.19	0.4789	0.05	0.0038	327.6	7.7	220	150	97	YES	327.3	4.0
ZB4-4-18	745	485	0.65	19.48	0.2771	0.05	0.0014	322.6	4.5	260	60	98	YES	322.4	2.2
ZB4-4-19	122.7	82.8	0.67	2.90	0.0419	0.11	0.0024	1910	24	1818	40	98	YES	1889.6	9.9
ZB4-4-20	264.4	327.2	1.24	21.81	0.3138	0.05	0.0021	289	4.1	341	84	97	YES	289.2	2.0
ZB4-4-21	325	45.77	0.14	2.95	0.0392	0.11	0.002	1880	21	1807	33	98	YES	1860.6	8.8
ZB4-4-22	88.3	122.5	1.39	18.48	0.4100	0.05	0.0034	339.6	7.3	160	130	94	YES	339.4	3.7
ZB4-4-23	392.6	95.3	0.24	2.90	0.0371	0.11	0.002	1907	21	1855	32	99	YES	1894.1	8.6
ZB4-4-24	253.9	60.4	0.24	3.05	0.0428	0.11	0.002	1826	22	1847	33	100	YES	1835.9	9.2
ZB4-4-25	38.99	24.58	0.63	2.49	0.0415	0.13	0.0035	2175	31	2104	47	98	YES	2160.1	12.6
ZB4-4-26	236.1	55.1	0.23	2.85	0.0413	0.12	0.0023	1939	24	1879	35	99	YES	1924.8	9.9
ZB4-4-27	353.2	67	0.19	3.13	0.0430	0.11	0.0019	1788	22	1821	32	99	YES	1802.2	9.0
ZB4-4-28	460	344.2	0.75	2.92	0.0436	0.11	0.0019	1894	24	1860	30	99	YES	1884.6	9.4
ZB4-4-29	261.1	51.6	0.20	2.85	0.0497	0.12	0.0021	1935	29	1878	32	99	YES	1914.6	10.7
ZB4-4-30	299.9	41.9	0.14	2.92	0.0400	0.12	0.0019	1899	23	1874	30	99	YES	1893.8	8.9
ZB4-4-31	373.7	201.1	0.54	2.89	0.0416	0.11	0.002	1916	24	1855	32	98	YES	1898.2	9.4
ZB4-4-32	94.4	53.3	0.56	1.96	0.0316	0.17	0.0029	2651	35	2504	31	97	YES	2568.9	10.9
ZB4-4-33	299	698	2.33	2.03	0.0297	0.17	0.0025	2577	31	2526	25	99	YES	2550.1	9.6
ZB4-4-34	330.1	293.4	0.89	18.32	0.2650	0.05	0.002	342.6	4.9	355	77	98	YES	342.9	2.4
ZB4-4-35	344.2	134.2	0.39	2.96	0.0456	0.11	0.002	1874	25	1807	33	98	YES	1852.4	9.7
ZB4-4-36	134.2	121.5	0.91	15.58	0.3154	0.05	0.0027	400.8	7.7	310	110	98	YES	401.1	3.9
ZB4-4-37	140.1	181.9	1.30	2.04	0.0304	0.16	0.0029	2569	31	2491	31	98	YES	2531.4	10.6
ZB4-4-38	497	23.98	0.05	3.02	0.0448	0.11	0.002	1840	24	1853	32	100	YES	1848.6	9.6
ZB4-4-39	556.8	90.8	0.16	2.88	0.0381	0.12	0.002	1921	22	2016	28	98	YES	1958.0	9.1
ZB4-4-40	103.4	84.1	0.81	2.01	0.0314	0.17	0.003	2604	34	2518	30	98	YES	2561.8	11.0
ZB4-4-41	148.6	123.6	0.83	19.05	0.3413	0.05	0.003	329.6	5.7	120	120	93	YES	329.3	2.9
ZB4-4-42	124.7	27.77	0.22	2.11	0.0338	0.17	0.003	2499	33	2516	30	100	YES	2512.5	11.3
ZB4-4-43	113.7	84.9	0.75	19.25	0.3521	0.05	0.0028	326.3	5.8	250	110	98	YES	326.4	2.9
ZB4-4-44	316.4	116.6	0.37	2.97	0.0423	0.12	0.002	1873	24	1903	30	99	YES	1882.9	9.4
ZB4-4-45	275.6	282.4	1.02	20.25	0.3280	0.05	0.0021	310.7	4.9	239	83	98	YES	310.7	2.5
ZB4-4-46	18.44	18.41	1.00	3.06	0.0496	0.11	0.0045	1822	26	1671	81	97	YES	1814.6	12.0

ZB4-4-47	243	92.1	0.38	2.91	0.0467	0.11	0.0019	1900	26	1805	32	98	YES	1863.7	9.8
ZB4-4-48	56.9	52.8	0.93	1.96	0.0277	0.17	0.004	2652	31	2559	37	98	YES	2621.8	11.7
ZB4-4-49	183.6	83.3	0.45	2.80	0.0414	0.11	0.0023	1969	25	1845	37	97	YES	1932.2	10.0
ZB4-4-50	178.7	258.9	1.45	2.07	0.0334	0.16	0.003	2540	34	2483	31	99	YES	2515.2	11.3
ZB4-4-51	357.4	79.2	0.22	2.95	0.0461	0.12	0.0021	1879	25	1871	33	100	YES	1881.1	10.1
ZB4-4-52	451.3	355.5	0.79	18.85	0.3232	0.10	0.0027	333.2	5.6	1508	56	54	NO	314.5	2.8
ZB4-4-53	239.6	113.5	0.47	2.02	0.0311	0.17	0.0031	2588	33	2548	31	99	YES	2572.6	11.1
ZB4-4-54	333.4	115.6	0.35	2.90	0.0454	0.12	0.0021	1908	26	1876	33	99	YES	1900.3	10.1
ZB4-4-55	209	70.8	0.34	2.84	0.0419	0.11	0.0021	1944	25	1842	33	98	YES	1910.1	9.6
ZB4-4-56	424	162.5	0.38	2.38	0.0413	0.14	0.0023	2262	32	2160	31	97	YES	2207.8	10.8
ZB4-4-57	408.7	53.91	0.13	2.90	0.0454	0.11	0.0021	1909	26	1854	33	99	YES	1892.5	10.0
ZB4-4-58	405.2	80	0.20	2.96	0.0428	0.11	0.002	1877	24	1839	32	99	YES	1867.4	9.4
ZB4-4-59	439.3	323.8	0.74	2.06	0.0288	0.16	0.0025	2551	29	2488	27	99	YES	2517.4	9.5
ZB4-4-60	334.4	258.2	0.77	2.87	0.0419	0.12	0.0023	1927	24	1883	36	99	YES	1918.0	9.9
ZB4-4-61	184.2	63.5	0.34	2.91	0.0424	0.12	0.0023	1902	24	1877	36	99	YES	1898.2	9.9
ZB4-4-62	460.1	381.4	0.83	21.02	0.3138	0.05	0.0019	299.6	4.4	285	75	100	YES	299.7	2.2
ZB4-4-63	80.4	47.44	0.59	16.75	0.3367	0.06	0.0036	373.7	7.5	350	130	98	YES	374.0	3.7
ZB4-4-64	702	23.55	0.03	2.89	0.0459	0.11	0.0022	1914	26	1863	35	99	YES	1900.4	10.3
ZB4-4-65	404.9	87.6	0.22	2.85	0.0423	0.12	0.002	1935	25	1875	32	98	YES	1914.8	9.5
ZB4-4-66	580	67.3	0.12	2.80	0.0399	0.11	0.0019	1968	24	1871	30	98	YES	1931.1	9.1
ZB4-4-67	361.3	141.7	0.39	2.92	0.0402	0.12	0.002	1894	23	1904	32	100	YES	1900.3	9.1
ZB4-4-68	288	37.64	0.13	2.93	0.0464	0.11	0.0021	1891	26	1827	34	98	YES	1870.9	10.1
ZB4-4-69	260.5	55.3	0.21	2.97	0.0602	0.11	0.0027	1867	33	1860	41	100	YES	1867.7	13.0
ZB4-4-70	48.28	79.5	1.65	2.09	0.0351	0.16	0.0034	2514	35	2457	35	99	YES	2491.6	12.3
ZB4-4-71	746	337	0.45	2.82	0.0515	0.12	0.002	1956	31	1988	30	99	YES	1978.1	10.7
ZB4-4-72	659	62	0.09	2.87	0.0421	0.12	0.0018	1923	25	1872	29	99	YES	1904.9	9.1
ZB4-4-73	96.9	124.2	1.28	2.08	0.0315	0.16	0.0031	2530	32	2478	32	99	YES	2510.1	11.1
ZB4-4-74	814	134.6	0.17	2.21	0.0340	0.16	0.0026	2412	32	2474	27	99	YES	2448.1	10.4
ZB4-4-75	405	152	0.38	2.84	0.0444	0.11	0.0021	1942	26	1861	32	98	YES	1915.0	10.0
ZB4-4-76	635	189.1	0.30	3.06	0.0487	0.11	0.0019	1821	25	1827	30	100	YES	1827.3	9.8

ZB4-4-77	100.4	76.5	0.76	3.00	0.0541	0.11	0.0027	1854	30	1857	42	100	YES	1857.2	12.1
ZB4-4-78	437.5	55.2	0.13	1.71	0.0271	0.24	0.0037	2957	38	3110	24	97	YES	3062.3	10.6
ZB4-4-79	69.6	48	0.69	2.04	0.0345	0.17	0.0036	2569	36	2538	36	99	YES	2562.0	12.6
ZB4-4-80	875	112.4	0.13	2.93	0.0437	0.12	0.0019	1893	24	1886	30	100	YES	1892.6	9.4
ZB4-4-81	166	177.3	1.07	2.10	0.0347	0.16	0.003	2511	35	2490	32	100	YES	2505.7	11.4
ZB4-4-82	259.8	320.8	1.23	19.42	0.3620	0.05	0.0021	323.6	5.9	216	84	97	YES	323.4	2.9
ZB4-4-83	246.2	240.2	0.98	21.02	0.3843	0.05	0.0023	299.6	5.4	318	92	98	YES	299.8	2.7
ZB4-4-84	126	45.47	0.36	2.91	0.0490	0.12	0.0026	1904	28	1871	40	99	YES	1900.9	11.4
ZB4-4-85	214.2	277.9	1.30	20.70	0.3983	0.05	0.0025	304.1	5.7	252	95	100	YES	304.2	2.9
ZB4-4-86	64.1	47.7	0.74	3.16	0.0589	0.11	0.003	1771	29	1735	51	99	YES	1770.7	12.5
ZB4-4-87	495.5	107.2	0.22	2.04	0.0395	0.16	0.0029	2568	41	2499	29	99	YES	2528.6	11.9
ZB4-4-88	98.7	59.7	0.60	19.84	0.4724	0.06	0.0035	316.7	7.1	340	130	98	YES	317.2	3.7
ZB4-4-89	632	88.7	0.14	2.89	0.0494	0.11	0.002	1911	28	1849	31	99	YES	1888.0	10.4
ZB4-4-90	214.4	108	0.50	2.95	0.0506	0.11	0.0021	1877	28	1854	34	99	YES	1873.4	10.6
ZB4-4-91	570	138.4	0.24	2.91	0.0492	0.11	0.0019	1901	28	1838	31	98	YES	1875.9	10.1
ZB4-4-92	58.9	24.8	0.42	1.87	0.0338	0.18	0.0042	2760	41	2647	39	98	YES	2710.0	13.6
ZB4-4-93	314.3	166.9	0.53	2.98	0.0470	0.11	0.0021	1864	25	1831	33	99	YES	1856.7	10.1
ZB4-4-94	408.3	175.8	0.43	2.89	0.0511	0.12	0.002	1911	29	1919	30	100	YES	1918.5	10.6
ZB4-4-95	60.6	85.2	1.41	2.02	0.0373	0.17	0.0035	2584	39	2505	36	98	YES	2548.5	12.9
ZB4-4-96	165	79.5	0.48	2.19	0.0432	0.15	0.0027	2419	40	2287	32	97	YES	2344.5	12.1
ZB4-4-97	612	61	0.10	2.99	0.0490	0.12	0.0019	1860	26	1882	31	99	YES	1873.1	10.0
ZB4-4-98	121.9	149	1.22	2.10	0.0335	0.16	0.0033	2508	33	2498	34	100	YES	2508.3	11.8
ZB4-4-99	601	148.9	0.25	2.98	0.0514	0.12	0.0019	1864	28	1874	31	100	YES	1872.3	10.2
ZB4-4-100	250.6	126.6	0.51	2.85	0.0464	0.12	0.0023	1935	27	1895	36	99	YES	1926.3	10.7
ZB4-4-101	302	322	1.07	2.16	0.0388	0.16	0.0027	2448	36	2436	29	100	YES	2446.5	11.3
ZB4-4-102	80	57.2	0.72	19.31	0.4472	0.05	0.0038	325.5	7.2	50	140	91	YES	325.1	3.7
ZB4-4-103	681	46	0.07	2.96	0.0524	0.11	0.002	1876	29	1833	32	99	YES	1861.6	10.6
ZB4-4-104	81.8	86	1.05	2.05	0.0341	0.17	0.0032	2557	35	2505	33	99	YES	2534.1	11.8
ZB4-4-105	268.2	89.9	0.34	2.89	0.0494	0.12	0.0022	1915	29	1896	35	100	YES	1908.7	10.8
ZB4-4-106	864	63.8	0.07	3.17	0.0501	0.11	0.0019	1767	24	1836	32	98	YES	1797.8	9.8

ZB4-4-107	153.6	51.1	0.33	21.37	0.5479	0.05	0.0036	294.6	7.5	220	140	98	YES	294.8	3.7
ZB4-4-108	168.5	144.7	0.86	19.19	0.3684	0.05	0.0028	327.4	6.2	270	110	100	YES	327.5	3.1
ZB4-4-109	557	52.8	0.09	2.98	0.0516	0.12	0.0021	1862	28	1896	32	99	YES	1881.9	10.8
ZB4-4-110	501	285	0.57	2.93	0.0463	0.11	0.002	1892	26	1868	31	100	YES	1886.3	9.9