

Data Repository: Tectonostratigraphy of the Lesser Himalaya of Bhutan: Implications for the Along-Strike Stratigraphic Continuity of the Northern Indian Margin**Insert Figure DR1 here:**

Figure DR1: A) Thick-bedded, light-gray Shumar Formation quartzite in northern Kuru Chu valley, displaying tabular cross-bedding with planar foresets, showing upright orientation (15-cm pen for scale). B) Schist rich in quartz vein boudins, characteristic of Daling Formation (30-cm hammer for scale). C) Feldspar augen σ -clast in orthogneiss body in Daling Formation, showing top-to-the-south (south and north marked) sense of shear (15-cm pen for scale). D) Cliffs of white Baxa Group quartzite (road for scale). E) Photomicrograph (cross-polarized light) of quartz microstructure characteristic of Daling-Shumar Group quartzite, showing equant, polygonal texture characteristic of subgrain rotation recrystallization. F) Photomicrograph (cross-polarized light) of garnet-biotite-muscovite schist characteristic of Jaishidanda Formation. G) Photomicrograph (cross-polarized light) of quartzite characteristic of the Baxa Group, showing elongation of relict quartz grains, dynamic recrystallization by bulging at grain boundaries, and presence of potassium feldspar (kfsp). H) Lenticular bedding characteristic of Baxa Group quartzite (30 cm hammer for scale). I) Diuri Formation diamictite (20 cm notebook for scale). J) Photomicrograph showing distinct bimodal grain size and deformation fabric characteristic of Diuri Formation diamictite. K) Dark-gray argillite outcrop near top of Gondwana succession section on road north of Samdrup Jongkhar.

Discussion DR1: Methods of Arizona LaserChron Center U/Pb zircon dating

Rock samples were crushed and pulverized to sand-size grains, separated by density on a Wilfley table, and then separated into dense and light fractions by a 3.32 g/cc liquid separation. The dense fraction was passed through a Frantz magnetic separator, and the zircons were mounted in epoxy plugs and then polished to half-thickness. Photographic images were made of all zircon mounts to keep track of which grains were dated.

Material was ablated from the sample surface using a DUV193 Excimer laser system from New Wave Instruments. The laser operates at a wavelength of 193 nm, and for the analyses in this study 35 micron-wide spot sizes were used, except for samples BU07-54, BU07-55, and BU08-72, which contained smaller zircons and were hit with a 25 micron-diameter beam (see notes below Table DR1). For most analyses the laser was operated at minimum output energy (~40 mJ) with a repetition rate of 8 pulses per second, which created a ~15 micron-deep pit for a typical 20 second analysis. The ablated material is carried in helium gas into the plasma source of a multicollector inductively coupled plasma mass spectrometer (an Isoprobe, from GV Instruments). This instrument is equipped with nine moveable Faraday collectors and four low-side Channeltrons (ion counters). Eight of the Faraday collectors use a 10^{11} ohm resistor, whereas the Faraday used for measuring ^{207}Pb is equipped with a 10^{12} ohm resistor. This configuration allows static-mode measurement of all isotopes, using 10^{11} Faraday detectors for ^{238}U , ^{232}Th , ^{208}Pb , and ^{206}Pb , a 10^{12} Faraday detector for ^{207}Pb , and an ion-counting channel for

^{204}Pb . Each analysis consists of one 20-second integration on peaks with the laser off (for backgrounds), 20 or 12 one-second integrations with the laser firing, and a 30 second delay to purge the previous sample and prepare for the next analysis. Each analysis is evaluated for consistency of $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{207}\text{Pb}$ ratios through the 20 seconds of data acquisition. If ratios display either a sudden change, or a gradual increase greater than $\sim 5\%$ for $^{206}\text{Pb}/^{238}\text{U}$, the analysis is discarded. This ensures that analyses are not compromised by crossing an age boundary.

Common Pb correction was accomplished by using the measured ^{204}Pb and assuming an initial Pb composition from Stacey and Kramers (1975). Conservative uncertainties of 1.0 for $^{206}\text{Pb}/^{204}\text{Pb}$, 0.3 for $^{207}\text{Pb}/^{204}\text{Pb}$, and 2.0 for $^{208}\text{Pb}/^{204}\text{Pb}$ were used for the composition of the common Pb. ^{204}Hg present in the argon plasma gas, as well as any background ^{204}Pb or molecular 204 , was accounted for by first measuring backgrounds in the 204 mass position, then measuring the peak 204 intensity with the laser firing, and subtracting the background intensity from the peak intensity.

Fractionation of Pb/U and Pb/Th occurs primarily in the laser pit, and is highly sensitive to the rate of carrier gas flow across the sample surface. An optimal balance between signal intensity and stability occurs at a carrier gas flow rate of 0.45 ml/minute, which generates a Pb/U sensitivity of 0.9 (e.g., a 500 Ma zircon yields a $^{206}\text{Pb}/^{238}\text{U}$ age of 450 Ma). To correct for Pb/U and Th/U fractionation, standards were analyzed once every 5 unknowns. Fractionation standards for zircon are fragments of a large Sri Lanka zircon crystal that yields an age of 563.5 ± 3.2 Ma (2-sigma, ID-TIMS) (Gehrels et al., 2008). The unknowns are corrected for the closest 6 standards using a sliding window average. The error on this fractionation factor is generally $\sim 1\%$ (2-sigma) for $^{206}\text{Pb}/^{238}\text{U}$ ages. Fractionation of Pb isotopes is minimal, with a maximum of $\sim 3\%$ fractionation of $^{206}\text{Pb}/^{207}\text{Pb}$. This fractionation is also removed by comparison with standards, using the same procedure described above. The error on this fractionation factor is generally $\sim 1\%$ (2-sigma) for $^{206}\text{Pb}/^{207}\text{Pb}$ ages. Pb/U and Pb/Th fractionation varies with depth during laser ablation, increasing by $\sim 5\%$ during a 20-second analysis that excavates to a depth of 15 microns. This was accounted for by monitoring the depth-related fractionation of standards, and then applying a sliding-window depth-related fractionation factor to the unknowns. Pb/U fractionation also varies by up to several percent depending on position on the mount surface, due to variations in the flow rate/pattern of the helium carrier gas across the sample surface. For this reason, all standards and unknowns are mounted close together in the central portion of the mount, and care was taken to analyze standards that are as close as possible to each unknown.

To determine accurate concentrations of U and Th, we compare intensities with the Sri Lanka standard, which has concentrations of U, Th, and Pb known to $\sim 20\%$. For each zircon analysis, the errors in determination of $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{204}\text{Pb}$ result in a measurement error of $\sim 1\text{-}2\%$ (at 2-sigma level) in the $^{206}\text{Pb}/^{238}\text{U}$ age. The errors in measurement of $^{206}\text{Pb}/^{207}\text{Pb}$ and $^{206}\text{Pb}/^{204}\text{Pb}$ also result in $\sim 1\text{-}2\%$ (at 2-sigma level) uncertainty in age for grains that are >1.0 Ga, but are substantially larger for younger grains due to low intensity of the ^{207}Pb signal. We refer to errors that arise from the measurement of $^{206}\text{Pb}/^{238}\text{U}$, $^{206}\text{Pb}/^{207}\text{Pb}$, and $^{206}\text{Pb}/^{204}\text{Pb}$ as random (or measurement) errors, because they are different for each analysis within a session. For most analyses, the cross-over in precision of these random errors for $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{207}\text{Pb}$ ages occurs at ~ 1.0 Ga. For this reason, $^{206}\text{Pb}/^{238}\text{U}$ ratios were considered the most representative, and were used for analyses younger than ~ 1.0 Ga, and $^{207}\text{Pb}^*/^{206}\text{Pb}^*$ ratios were considered the most representative, and were used for ages older than ~ 1.0 Ga. Table DR2 shows the cutoff ages used for individual samples; these cutoff ages were chosen as close to ~ 1.0 Ga as possible

without dividing an age peak artificially (for example, for an age cluster between 900-1050 Ma, cutoff would be at 1060 Ma, or for a cluster between 1000-1200 Ma, cutoff would be at 980 Ma).

Data table DR1 reports analytical data at 1-sigma uncertainties based on the analytical (or measurement) errors. For determination of the crystallization age of sample NBH-8 and the determination of the maximum deposition ages of samples BU07-10 and NBH-9 (see sections 5.2. and 6.1. in text for further discussion), the final age was determined from the weighted mean from Ludwig (2003) of the 3 youngest concordant and overlapping (within error) analyses. The uncertainty of the weighted mean is based on the scatter and precision of the set of concordant ages, weighted according to their measurement errors. The systematic errors are then added to this measurement error quadratically. Systematic errors include contributions from the fractionation correction, composition of common Pb, age of the calibration standard, and U decay constants. Total average systematic errors are listed for individual samples in Table DR2.

For detrital zircon samples, approximately 100 randomly-selected zircon crystals were analyzed from each sample, to identify each of the main age groups present. Data were filtered according to precision (typically 10% cutoff) and discordance (typically 30% cutoff) and plotted on Pb/U concordia diagrams or relative age-probability plots using algorithms of Ludwig (2003) (Fig. DR2). Relative age probability curves (Fig. 5) were constructed by: (1) calculating a normal distribution for each analysis based on the reported age and uncertainty, (2) summing the probability distributions of all acceptable analyses into a single curve, and (3) if normalized, dividing the area under the curve by the number of analyses.

Interpretations of the significance of U/Pb detrital zircon data, and the justification of the 30% accepted range of discordance, are based on the view that only clusters of ages record robust sources ages. This is because a single age determination may be compromised by Pb loss or inheritance (even if concordant), whereas it is unlikely that two or more grains that have experienced Pb loss or inheritance would yield the same age. We accordingly attach age significance only to clusters defined by three or more overlapping (within error) analyses; this has particular importance for determination of the youngest age component in a detrital zircon sample, which is commonly used as a maximum depositional age (see caption for Figure DR3 for discussion of youngest peak for samples in this study).

For further discussion of the analytical methods of the University of Arizona LaserChron Center, refer to Gehrels et al. (2006; 2008).

Insert Table DR1 here:

Table DR1: U-Pb (zircon) geochronologic analyses by Laser-Ablation Multicollector ICP Mass Spectrometry

Insert Table DR2 here:

Table DR2: Total average systematic errors (s.e.) for $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{207}\text{Pb}$ for each sample (2σ), and average $^{206}\text{Pb}/^{238}\text{U}$ ages and standard deviation calculated for all standards run for each sample ($n=24$ for a typical 100-analysis detrital zircon sample). Systematic errors not available for sample BU08-72 due to corrupt file. Also shown are cutoff ages for each sample; $^{206}\text{Pb}/^{207}\text{Pb}$ ages were considered the best age for grains older than the cutoff age, and $^{206}\text{Pb}/^{238}\text{U}$ ages were

considered the best age for grains younger than the cutoff age (listed in Table DR1). Cutoff ages were chosen as close to ~1.0 Ga as possible without dividing an age peak (see Discussion DR1 above).

Insert Figure DR2 here:

Figure DR2: Pb/U concordia plots of Bhutan LH samples. Includes all analyses greater with concordance >70%. Data for individual zircon analyses listed in Table DR1. Error ellipses are shown at the 1σ level (68.3% confidence).

Insert Figure DR3 here:

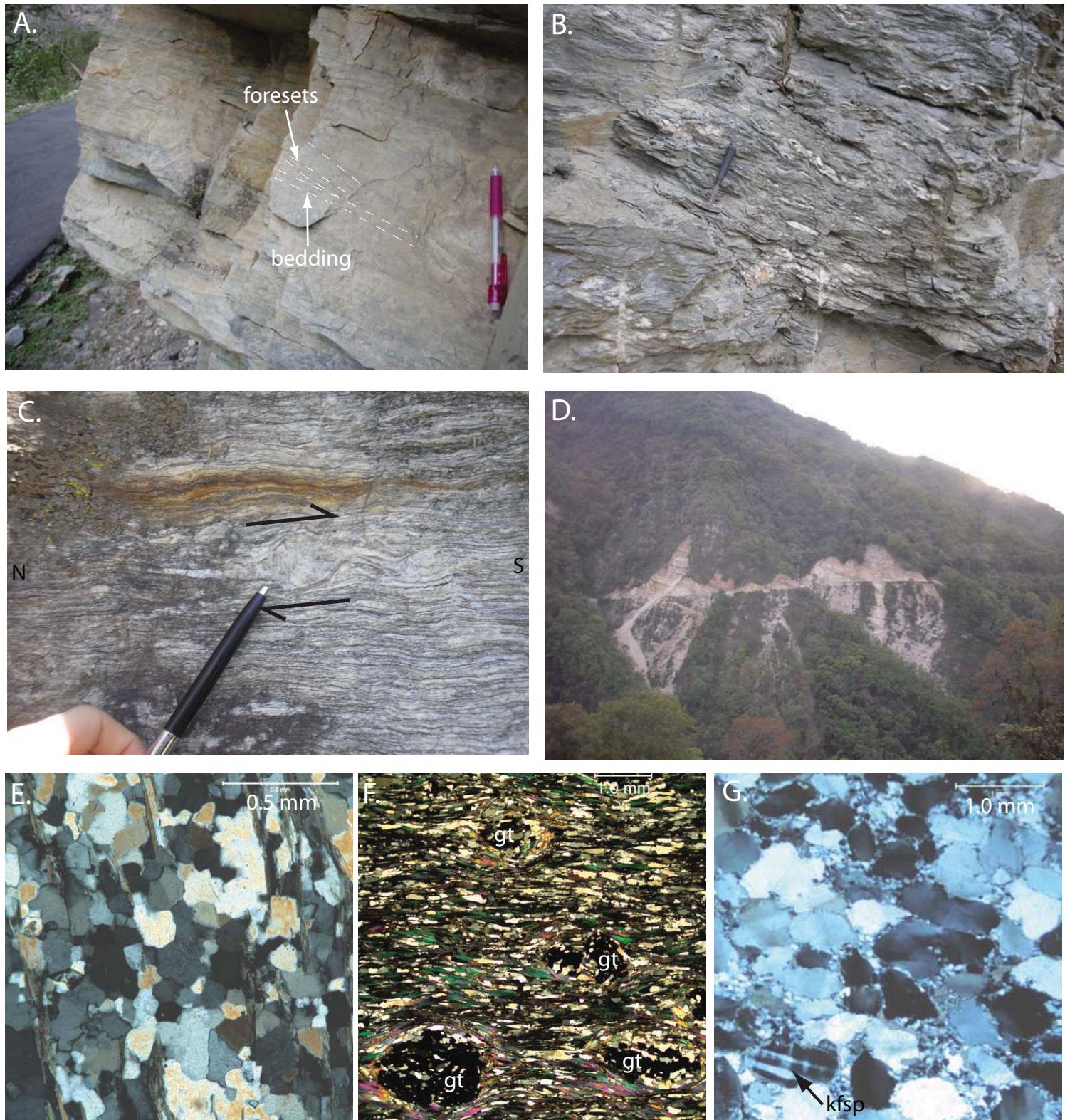
Figure DR3: Pb/U concordia plots of Jaishidanda Formation (BU08-72, BU08-135) and Baxa Group (BU08-22) samples, scaled for evaluation of robustness of youngest detrital zircon peaks. Includes all analyses with concordance >70%. Data for individual zircon analyses listed in Table DR1. Error ellipses are shown at the 1σ level (68.3% confidence). Note that sample BU08-72 has two concordant grains with ~520 and ~549 Ma $^{206}\text{Pb}/^{238}\text{Pb}$ ages (grains 21, 4; Table DR1). Note that while this does not qualify as a significant (supported by 3 or more grains) peak under our definition, only 12 grains were analyzed for this sample. Note that the two youngest grains (ellipses marked in blue) in sample BU08-135 are ~399 Ma (grain 101; Table DR1), which does not overlap the concordia line, and ~421 Ma (grain 66; Table DR1), which does. However, these young analyses do not define a significant peak; the youngest significant peak defined by 3 grains that overlap the concordia line (grains 70, 13, 92; Table DR1) is centered at ~475 Ma. Data for grain 101 was not included in Fig. 5. Note that sample BU07-22 has 5 grains (ellipses marked in blue) with $^{206}\text{Pb}/^{238}\text{U}$ ages between 461 and 500 Ma (grains 73, 75, 84, 82, 81; Table DR1). However, note that only one of these grains (grain 82, 97.6% concordant) overlaps the concordia line; grains 73 and 81 (77.8%, 87.0% concordant) are completely off, and grains 75 and 84 (81.7%, 81.4% concordant) touch the concordia line only at the very edge of the 1σ error ellipse. The reported $^{206}\text{Pb}/^{238}\text{U}$ ages of these grains that do not overlap the concordia line could be the result of Pb-loss or mixing. Because of a lack CL imaging of analyzed zircons for determining whether or not laser spots overlapped a core and an igneous or metamorphic overgrowth, we cannot distinguish between these two options with grains that are this discordant. For this reason, we do not interpret the ~490 peak defined by grains 75, 84, 82 as significant, because only grain 82 overlaps the concordia line. We interpret the peak supported by 6 concordant grains (32, 23, 15, 10, 99, and 66; all >91% concordant; Table DR1), and centered at ~525 Ma (from AGEPIK program available at Arizona Laserchron Center website) as the youngest significant and robust detrital zircon age peak in this sample. Data for the young grains that don't fall on the concordia line (73, 75, 84, and 81) were not included in Fig. 5.

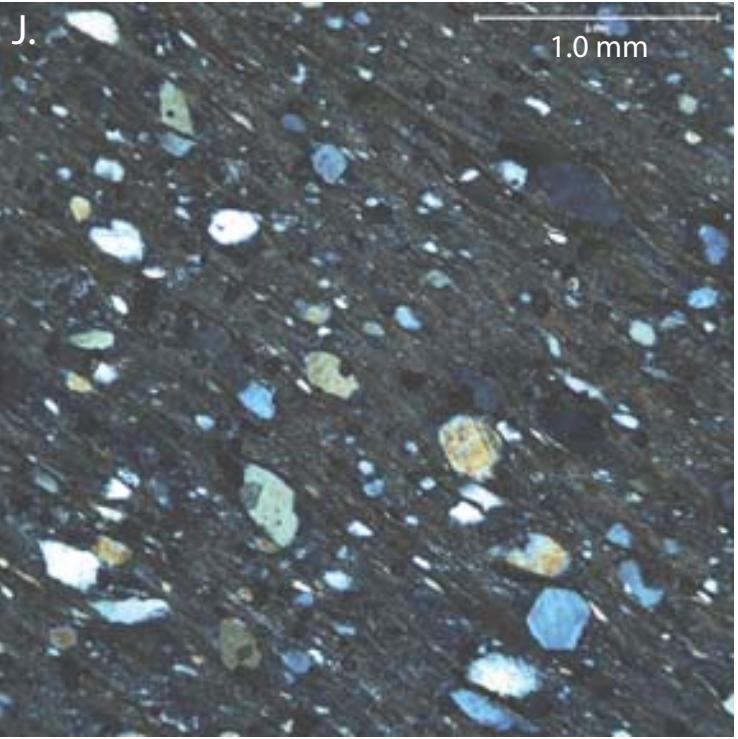
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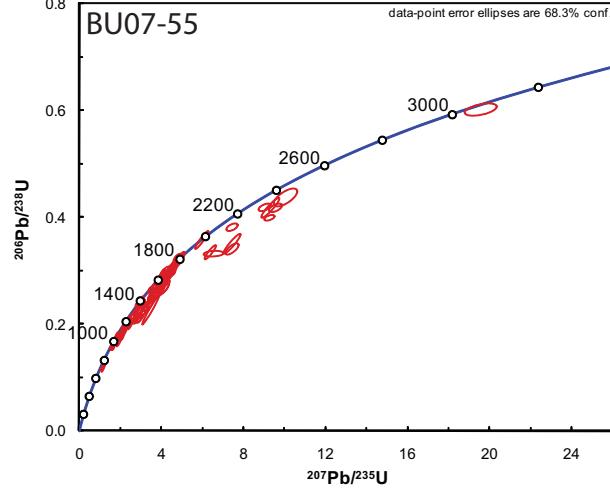
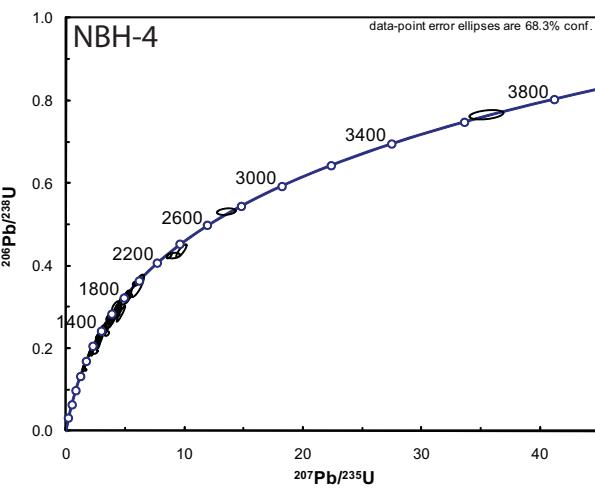
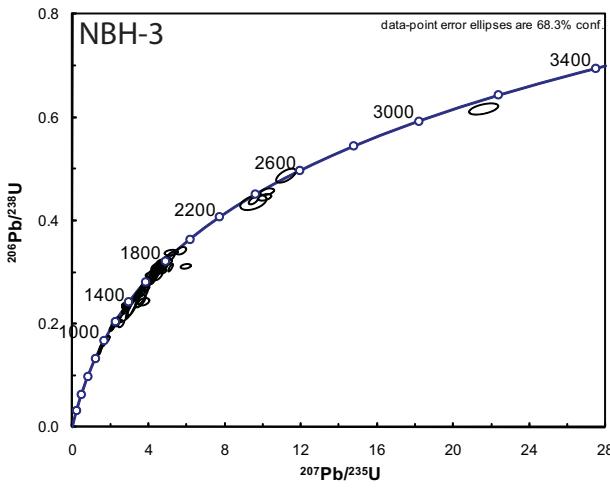
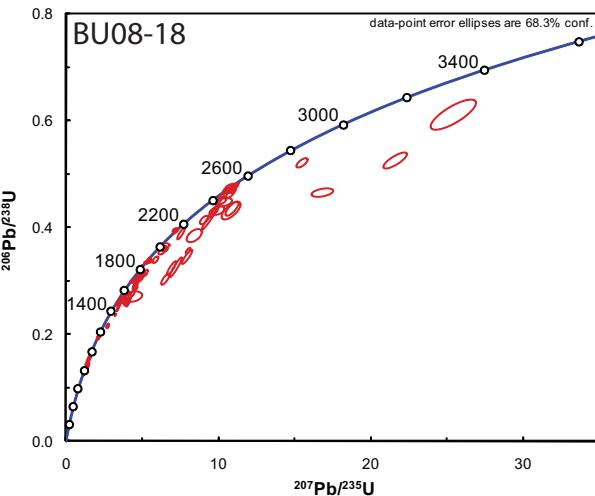
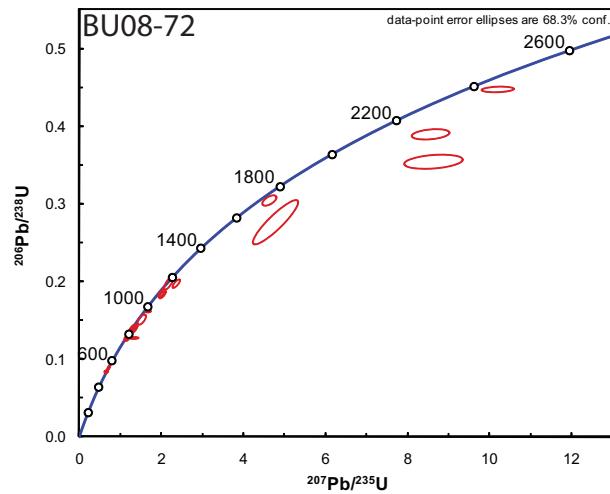
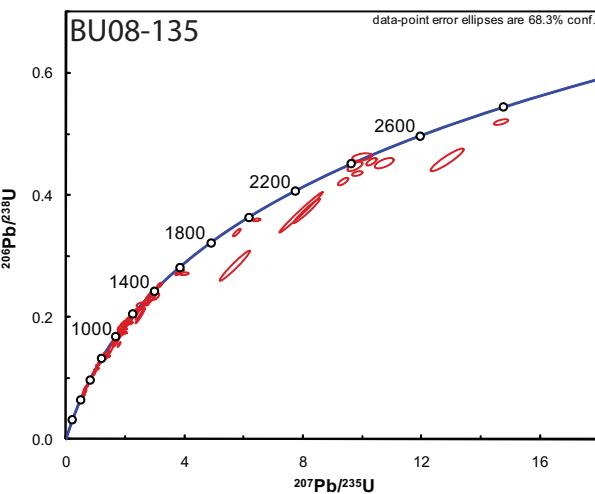
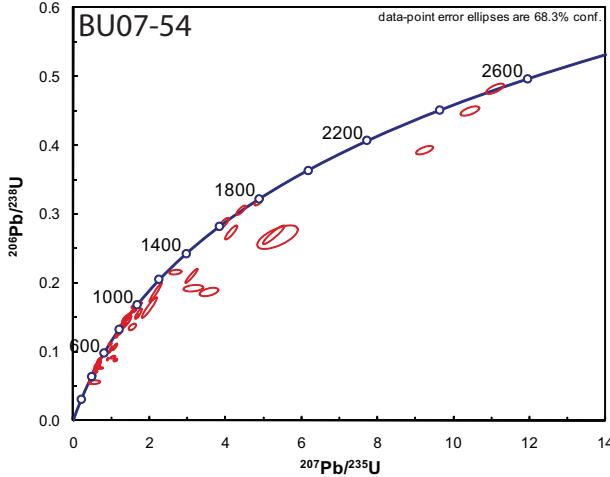
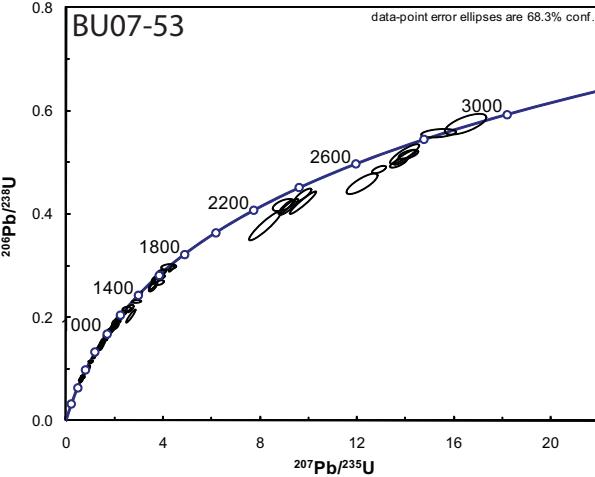
Table DR3: $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values for Baxa Group dolomite (duplicates in bold)

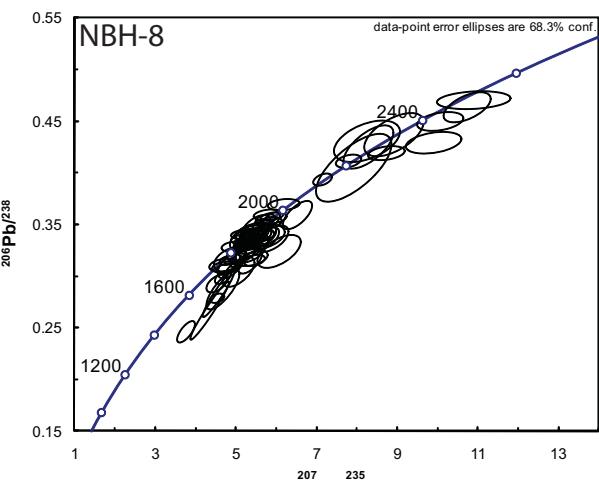
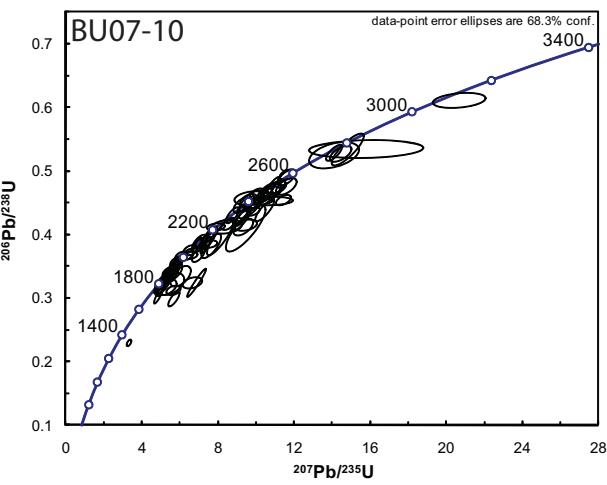
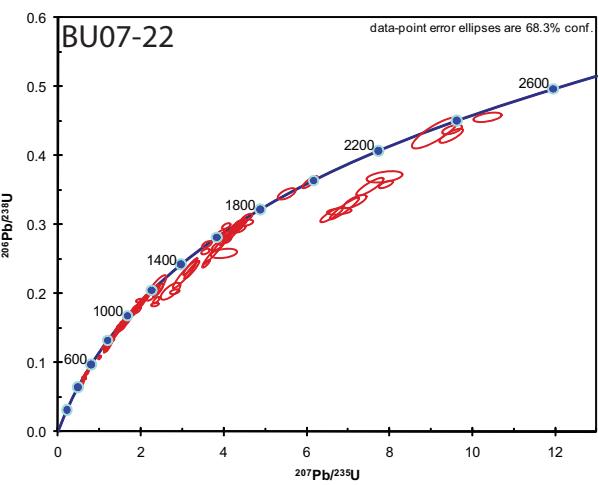
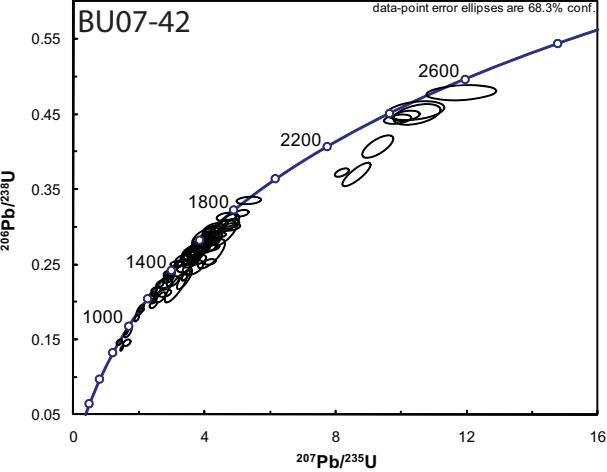
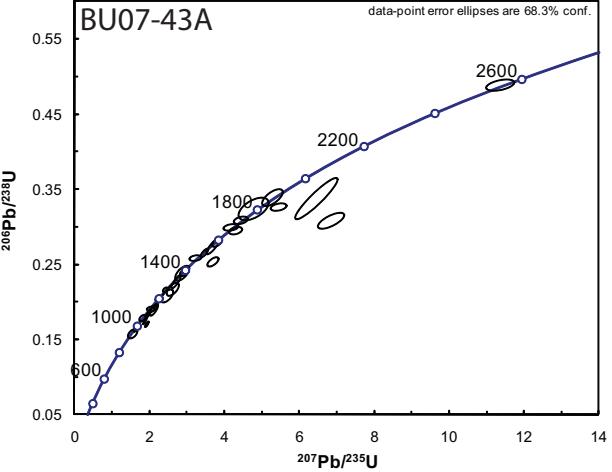
References Cited

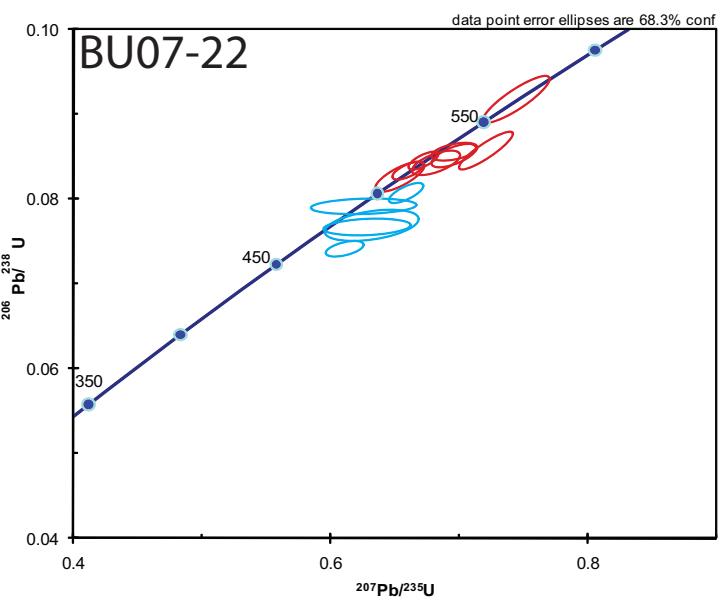
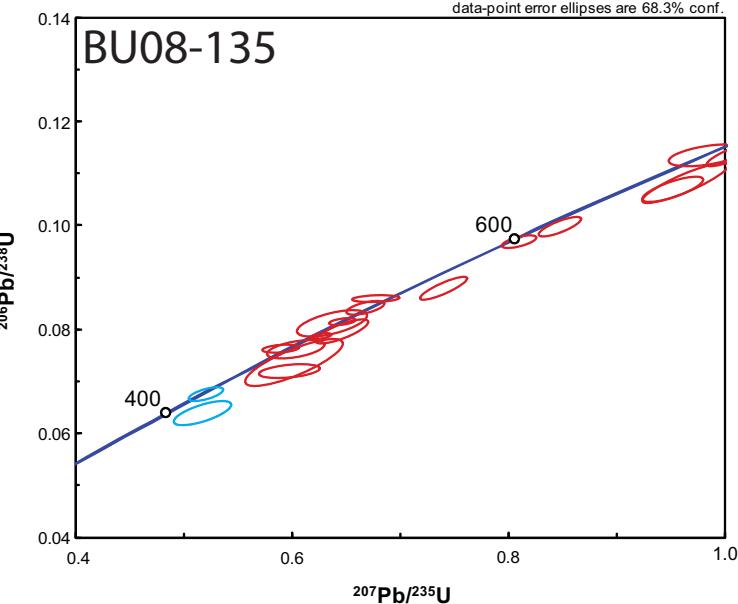
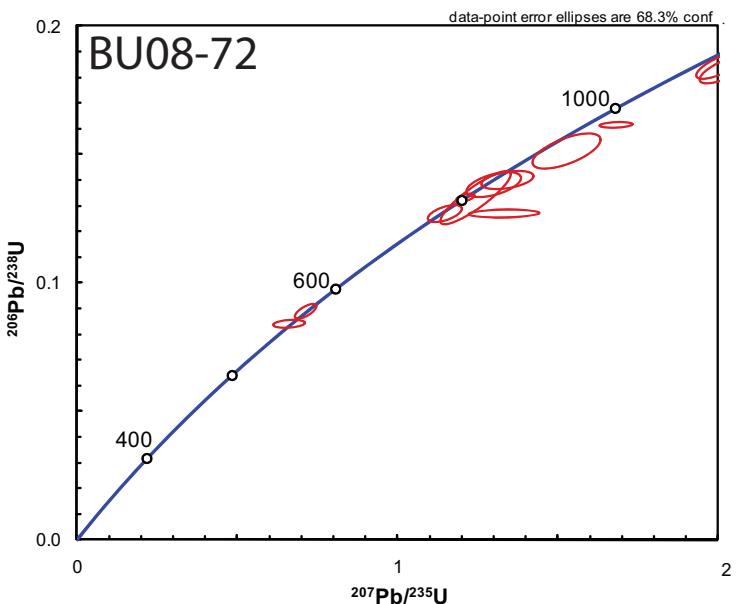
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							Isotop e ratios						Apparent ages (Ma)					
Analysis	U	206Pb	U/T h	206Pb*	±	207Pb*	±	206P b*	±	err or	206P b*	±	207Pb*	±	206P b*	±	Best age	Con c.
	(pp m)	204Pb		207Pb *	(%)	235U*	(%)	238U	(%)	cor r.	238U *	(Ma)	235U	(Ma)	207P b*	(Ma)	(Ma)	(%)
BU0710-99	3175	35915	2.1	9.5109	2.1	3.3178	2.5	0.2289	1.4	0.57	1328.5	17.3	1485.2	19.5	1716.8	37.7	1716.8	37.7
BU0710-73	5240	164420	2.5	9.0661	1.2	4.8031	2.1	0.3158	1.7	0.82	1769.3	26.3	1785.4	17.5	1804.4	21.8	1804.4	21.8
BU0710-61	1284	380570	2.2	8.7976	2.0	5.1976	2.7	0.3316	1.8	0.67	1846.3	29.4	1852.2	23.2	1858.8	36.5	1858.8	36.5
BU0710-79	5575	200275	3.6	8.7876	2.8	5.0891	4.9	0.3243	4.0	0.81	1810.9	62.7	1834.3	41.4	1860.9	51.1	1860.9	51.1
BU0710-7	3835	130495	3.5	8.7837	2.6	5.3260	2.8	0.3393	1.2	0.43	1883.3	19.9	1873.0	24.3	1861.7	46.4	1861.7	46.4
BU0710-80	9695	311585	8.6	8.7370	1.7	5.3101	2.0	0.3365	1.2	0.58	1869.7	19.0	1870.5	17.3	1871.3	29.8	1871.3	29.8
BU0710-17	3924	831954	4.0	8.6544	2.9	5.1996	3.2	0.3264	1.4	0.42	1820.8	21.7	1852.6	27.6	1888.4	52.9	1888.4	52.9
BU0710-34	3275	124515	2.3	8.6536	2.0	4.9854	2.9	0.3129	2.1	0.72	1754.9	32.0	1816.8	24.3	1888.6	35.6	1888.6	35.6
BU0710-13	3945	182025	2.1	8.6394	1.7	5.4703	2.0	0.3428	1.2	0.59	1899.9	19.9	1895.9	17.6	1891.6	29.7	1891.6	29.7
BU0710-60	8690	133060	2.6	8.5880	1.5	5.3701	2.8	0.3345	2.4	0.85	1860.1	39.1	1880.1	24.3	1902.3	26.6	1902.3	26.6
BU0710-69	2061	157855	2.8	8.5807	1.6	4.8913	3.4	0.3044	3.0	0.89	1713.1	45.4	1800.8	28.7	1903.8	28.2	1903.8	28.2
BU0710-41	6615	284895	2.5	8.5434	3.9	5.5544	4.0	0.3442	1.0	0.25	1906.7	16.5	1909.1	34.4	1911.6	69.5	1911.6	69.5
BU0710-90	6530	229530	2.1	8.5329	1.6	5.4046	2.0	0.3345	1.2	0.61	1860.0	19.6	1885.6	17.0	1913.8	28.2	1913.8	28.2
BU0710-89	5570	121020	1.2	8.5254	1.6	5.5688	2.0	0.3443	1.2	0.61	1907.5	20.0	1911.3	17.1	1915.4	28.4	1915.4	28.4
BU0710-18	87	34230	1.2	8.4855	3.1	5.7916	3.4	0.3564	1.4	0.43	1965.3	25.2	1945.2	29.7	1923.8	55.4	1923.8	55.4
BU0710-2	7820	120560	1.8	8.4740	1.7	5.7602	2.3	0.3540	1.6	0.68	1953.8	26.6	1940.4	20.0	1926.3	30.3	1926.3	30.3
BU0710-72	970	325720	8.4	8.4615	1.1	5.6017	2.1	0.3438	1.8	0.84	1904.8	29.2	1916.4	18.1	1928.9	20.4	1928.9	20.4
BU0710-100	5605	213285	2.7	8.4571	2.1	5.4670	5.3	0.3353	4.9	0.92	1864.2	79.3	1895.4	45.9	1929.8	38.2	1929.8	38.2
BU0710-35	6790	187090	16.3	8.4057	2.0	5.5274	2.8	0.3370	1.9	0.69	1872.1	30.7	1904.9	23.7	1940.8	35.8	1940.8	35.8
BU0710-	763	26910	3.4	8.3781	1.5	5.8025	2.1	0.3521	1.	0.6	1946.	23.9	1946.8	17.8	1946.	26.7	1946.7	26.7

				0				6	4	9	9			7				0	
BU0710-53	420	213935	1.5	8.3599	3.1	5.6542	3.4	0.3428	1.2	0.35	1900.2	19.6	1924.4	29.0	1950.5	56.1	1950.5	56.1	97.4
BU0710-63	1690	21620	3.2	8.3579	3.5	5.4737	3.9	0.3318	1.7	0.44	1847.1	27.3	1896.5	33.4	1950.9	62.6	1950.9	62.6	94.7
BU0710-42	1740	231365	4.4	8.3454	2.8	5.6147	3.5	0.3398	2.1	0.60	1885.9	34.3	1918.4	30.0	1953.6	49.5	1953.6	49.5	96.5
BU0710-8	295	126200	3.9	8.3363	2.5	5.8955	3.3	0.3564	2.0	0.63	1965.3	34.6	1960.6	28.3	1955.6	45.4	1955.6	45.4	100.5
BU0710-70	213	73955	0.8	8.3296	1.6	5.8260	2.5	0.3520	2.0	0.78	1944.0	32.7	1950.3	21.6	1957.0	27.9	1957.0	27.9	99.3
BU0710-59	424	152120	12.7	8.3110	3.2	6.0545	3.5	0.3649	1.4	0.41	2005.6	24.5	1983.7	30.1	1961.0	56.2	1961.0	56.2	102.3
BU0710-25	1123	345415	3.9	8.2940	4.5	5.6987	5.2	0.3428	2.6	0.51	1900.1	43.4	1931.2	44.9	1964.7	80.0	1964.7	80.0	96.7
BU0710-11	362	35435	2.2	8.2317	5.7	5.3087	6.3	0.3169	2.6	0.41	1774.8	40.2	1870.3	53.6	1978.1	101.8	1978.1	101.8	89.7
BU0710-67	372	85835	1.1	8.1388	8.4	5.4579	9.1	0.3222	3.6	0.39	1800.3	55.8	1894.0	78.7	1998.3	150.1	1998.3	150.1	90.1
BU0710-56	214	108575	2.1	7.8922	2.7	6.4296	3.2	0.3680	1.6	0.52	2020.1	28.4	2036.3	27.7	2052.8	47.5	2052.8	47.5	98.4
BU0710-27	734	277360	4.5	7.8793	3.3	6.5611	3.6	0.3749	1.4	0.39	2052.6	24.8	2054.1	31.8	2055.7	58.6	2055.7	58.6	99.9
BU0710-49	521	116790	2.7	7.7614	3.8	6.5173	3.9	0.3669	1.0	0.26	2014.6	17.3	2048.2	34.3	2082.2	66.4	2082.2	66.4	96.8
BU0710-26	584	340440	5.8	7.6646	2.1	6.9239	2.5	0.3849	1.4	0.54	2099.1	24.4	2101.7	22.5	2104.3	37.6	2104.3	37.6	99.8
BU0710-9	384	202500	3.7	7.6454	1.2	6.9849	1.9	0.3873	1.4	0.76	2110.3	25.9	2109.5	16.8	2108.7	21.6	2108.7	21.6	100.1
BU0710-68	1889	218025	1.1	7.6196	5.0	6.0486	5.9	0.3343	3.2	0.54	1859.0	50.9	1982.9	51.2	2114.6	87.0	2114.6	87.0	87.9
BU0710-29	475	76165	8.1	7.6139	4.0	5.6503	4.2	0.3120	1.4	0.34	1750.6	21.9	1923.8	36.5	2115.9	69.8	2115.9	69.8	82.7
BU0710-47	651	220735	2.7	7.5834	2.9	7.0092	3.7	0.3852	2.5	0.63	2102.3	42.0	2112.6	33.2	2123.0	51.0	2123.0	51.0	99.0
BU0710-43	387	61150	0.9	7.2946	2.7	6.9761	3.4	0.3691	2.1	0.63	2025.0	37.2	2108.4	30.3	2190.7	46.3	2190.7	46.3	92.4
BU0710-84	1110	167435	12.1	7.2724	2.2	7.4952	2.5	0.3953	1.2	0.49	2147.5	22.3	2172.4	22.5	2196.0	38.1	2196.0	38.1	97.8
BU0710-97	612	166515	1.8	7.2497	2.3	7.5132	3.9	0.3950	3.1	0.80	2146.2	56.6	2174.6	34.6	2201.5	39.9	2201.5	39.9	97.5
BU0710-31	1380	194160	3.5	7.2485	2.2	5.6825	3.4	0.2987	2.7	0.78	1685.0	39.3	1928.7	29.5	2201.7	37.5	2201.7	37.5	76.5
BU0710-48	304	185690	2.1	7.1830	3.9	7.8946	4.0	0.4113	1.0	0.25	2220.7	18.8	2219.1	36.4	2217.5	67.8	2217.5	67.8	100.1
BU0710-14	213	113210	0.6	7.1690	1.9	7.5383	2.5	0.3919	1.7	0.68	2131.9	31.4	2177.6	22.7	2220.9	32.1	2220.9	32.1	96.0
BU0710-32	774	333285	2.6	7.1681	1.6	7.3629	2.8	0.3828	2.3	0.82	2089.3	40.7	2156.5	24.9	2221.1	27.6	2221.1	27.6	94.1

BU0710-1	247	7045	1.2	6.999 2	3.4	7.5779	3.5	0.384 7	1. 0	0.2 9	2098. 1	17.9	2182.3	31.5	2262. 3	58.0	2262.3	58.0	92.7
BU0710-55	881	55470	0.8	6.875 2	3.0	7.6549	4.5	0.381 7	3. 4	0.7 4	2084. 2	59.8	2191.3	40.6	2293. 1	51.9	2293.1	51.9	90.9
BU0710-21	204	74505	1.2	6.765 3	1.8	8.7625	2.6	0.429 9	1. 9	0.7 4	2305. 5	37.4	2313.6	23.7	2320. 8	30.0	2320.8	30.0	99.3
BU0710-98	342	10145	1.2	6.747 6	6.2	8.4367	6.5	0.412 9	1. 8	0.2 8	2228. 1	33.7	2279.1	58.8	2325. 3	106. 7	2325.3	106. 7	95.8
BU0710-36	673	22078 0	2.4	6.723 5	2.8	8.1411	5.6	0.397 0	4. 9	0.8 7	2155. 2	89.6	2246.8	51.1	2331. 4	48.5	2331.4	48.5	92.4
BU0710-52	247	9775	2.0	6.723 0	4.9	6.6366	5.2	0.323 6	1. 9	0.3 5	1807. 3	29.2	2064.2	46.3	2331. 5	84.0	2331.5	84.0	77.5
BU0710-74	270	10118 0	1.1	6.722 1	2.3	8.5056	2.5	0.414 7	1. 2	0.4 6	2236. 3	21.9	2286.5	23.0	2331. 7	38.5	2331.7	38.5	95.9
BU0710-4	368	13618 5	1.7	6.667 1	2.2	9.2134	2.8	0.445 5	1. 7	0.6 2	2375. 3	34.0	2359.4	25.5	2345. 8	37.5	2345.8	37.5	101. 3
BU0710-10	213	98800	1.7	6.499 4	2.9	9.6121	3.2	0.453 1	1. 4	0.4 5	2409. 0	28.7	2398.3	29.3	2389. 3	48.5	2389.3	48.5	100. 8
BU0710-88	527	26216 0	1.2	6.498 0	1.8	9.3919	2.0	0.442 6	1. 0	0.4 9	2362. 4	19.8	2377.0	18.6	2389. 6	30.0	2389.6	30.0	98.9
BU0710-87	212	27437 6	0.6	6.475 6	1.3	6.8930	4.8	0.323 7	4. 6	0.9 6	1807. 9	72.8	2097.8	42.6	2395. 5	22.5	2395.5	22.5	75.5
BU0710-82	287	14383 5	3.0	6.454 8	5.9	9.7640	6.1	0.457 1	1. 6	0.2 6	2426. 7	32.6	2412.8	56.5	2401. 0	100. 6	2401.0	100. 6	1
BU0710-3	237	94935	1.1	6.431 9	1.0	9.6447	1.9	0.449 9	1. 6	0.8 5	2394. 9	31.8	2401.4	17.3	2407. 0	17.0	2407.0	17.0	99.5
BU0710-77	252	93130	1.4	6.367 1	1.4	9.2173	2.3	0.425 6	1. 9	0.8 1	2286. 0	36.0	2359.8	21.2	2424. 2	23.1	2424.2	23.1	94.3
BU0710-19	200	93755	1.2	6.364 4	2.1	10.022 9	2.3	0.462 6	1. 0	0.4 5	2451. 2	21.2	2436.9	21.3	2424. 9	34.9	2424.9	34.9	101. 1
BU0710-57	196	81610	1.0	6.361 5	3.5	9.7368	4.9	0.449 2	3. 5	0.7 1	2391. 8	69.9	2410.2	45.4	2425. 7	58.9	2425.7	58.9	98.6
BU0710-66	979	18925 5	2.3	6.314 2	2.0	9.2735	3.6	0.424 7	3. 0	0.8 3	2281. 7	57.5	2365.4	32.9	2438. 4	33.7	2438.4	33.7	93.6
BU0710-64	131	45835 2	9.2	6.302 9	1.7	9.7875	2.3	0.447 4	1. 6	0.6 9	2383. 7	32.1	2415.0	21.6	2441. 4	28.8	2441.4	28.8	97.6
BU0710-85	271	13579 0	2.1	6.199 3	1.6	9.9540	2.1	0.447 5	1. 3	0.6 3	2384. 3	26.1	2430.5	19.2	2469. 4	27.4	2469.4	27.4	96.6
BU0710-15	796	11296 5	1.4	6.095 9	2.0	9.8645	2.3	0.436 1	1. 1	0.4 9	2333. 3	21.7	2422.2	20.8	2497. 8	33.0	2497.8	33.0	93.4
BU0710-76	915	18539 0	1.6	6.083 5	3.1	9.3205	3.7	0.411 2	2. 1	0.5 7	2220. 6	39.8	2370.0	34.1	2501. 2	51.5	2501.2	51.5	88.8
BU0710-75	236	11440 5	1.5	6.081 9	1.5	10.389 2	1.9	0.458 3	1. 1	0.6 0	2431. 9	22.7	2470.1	17.4	2501. 6	25.4	2501.6	25.4	97.2
BU0710-6	123	47205	1.0	6.043 1	1.0	5	2.8	0.471 7	2. 6	0.9 3	2490. 8	53.9	2499.4	26.0	2506. 3	16.8	2506.3	16.8	99.4
BU0710-86	57	35390	1.7	6.057 9	1.5	10.524 1	2.0	0.462 4	1. 4	0.6 8	2450. 1	27.7	2482.0	18.5	2508. 3	24.6	2508.3	24.6	97.7
BU0710-	498	32015	1.4	6.043	4.1	9.4548	4.3	0.414	1.	0.3	2235.	26.3	2383.2	39.4	2512.	68.3	2512.3	68.3	89.0

54				5			4	4	2	1			3						
BU0710-20	561	166750	1.6	6.0088	2.8	10.7640	3.3	0.4691	1.6	0.50	2479.6	33.3	2503.0	30.3	2522.0	47.5	2522.0	47.5	98.3
BU0710-24	658	114555	0.9	6.0033	3.1	10.4389	3.2	0.4545	1.0	0.31	2415.3	20.1	2474.5	29.8	2523.5	51.2	2523.5	51.2	95.7
BU0710-30	488	212605	1.3	6.0013	3.3	10.6833	3.7	0.4650	1.5	0.42	2461.6	31.1	2496.0	33.9	2524.1	55.8	2524.1	55.8	97.5
BU0710-16	312	125830	2.6	5.9933	2.9	10.8002	3.3	0.4695	1.6	0.49	2481.2	33.8	2506.1	31.1	2526.3	49.0	2526.3	49.0	98.2
BU0710-65	414	58770	1.2	5.9576	4.2	9.4717	7.3	0.4093	6.0	0.82	2211.5	111.8	2384.8	67.2	2536.3	70.8	2536.3	70.8	87.2
BU0710-33	69	20320	0.7	5.8909	2.7	11.0934	3.0	0.4740	1.4	0.46	2500.9	29.2	2531.0	28.3	2555.2	45.1	2555.2	45.1	97.9
BU0710-81	638	214095	1.3	5.8491	1.6	11.2004	2.1	0.4751	1.4	0.66	2506.1	29.1	2540.0	19.9	2567.1	26.9	2567.1	26.9	97.6
BU0710-50	1236	528410	1.9	5.8305	2.2	11.6870	2.4	0.4942	1.0	0.42	2588.8	21.3	2579.7	22.3	2572.5	36.1	2572.5	36.1	100.6
BU0710-5	2580	145250	0.7	5.8209	2.1	11.6056	2.6	0.4900	1.7	0.63	2570.5	35.0	2573.1	24.7	2575.2	34.4	2575.2	34.4	99.8
BU0710-37	7015	245425	1.6	5.7918	1.7	10.4312	3.1	0.4382	2.6	0.84	2342.4	51.1	2473.8	28.8	2583.6	28.6	2583.6	28.6	90.7
BU0710-28	99	24125	1.9	5.7878	7.0	10.7760	7.0	0.4523	1.1	0.15	2405.7	21.1	2504.0	65.4	2584.7	116.2	2584.7	116.2	93.1
BU0710-44	28	9105	0.8	5.6531	2.6	11.5906	3.2	0.4752	1.8	0.57	2506.4	37.8	2571.9	29.8	2624.0	43.5	2624.0	43.5	95.5
BU0710-83	191	68060	0.5	5.4743	2.0	11.4370	2.4	0.4541	1.2	0.52	2413.4	24.8	2559.4	22.0	2677.3	33.3	2677.3	33.3	90.1
BU0710-71	2725	162695	1.1	5.1654	1.4	14.0990	2.1	0.5282	1.5	0.74	2733.8	34.3	2756.4	19.6	2773.0	22.6	2773.0	22.6	98.6
BU0710-22	169	4745	1.7	5.1287	5.6	14.1048	6.2	0.5247	2.6	0.42	2718.9	57.0	2756.8	58.5	2784.6	91.9	2784.6	91.9	97.6
BU0710-38	1925	112215	1.8	5.0220	2.1	14.4684	2.6	0.5270	1.0	0.60	2728.7	34.9	2780.9	24.8	2819.0	34.1	2819.0	34.1	96.8
BU0710-78	2780	18050	1.7	4.9697	2.1	14.8128	3.7	0.5339	3.1	0.83	2757.9	69.3	2803.3	35.3	2836.1	33.6	2836.1	33.6	97.2
BU0710-45	1045	16425	9.0	4.6564	12.4	15.8065	12.5	0.5338	1.8	0.18	2757.4	39.3	2865.2	120.1	2941.8	201.2	2941.8	201.2	93.7
BU0710-23	1135	11171	1.4	4.0703	4.3	20.6788	4.5	0.6105	1.3	0.29	3071.8	31.5	3123.7	43.1	3157.1	67.6	3157.1	67.6	97.3
BU0722-73	1407	26648	1.3	16.7486	1.6	0.6108	1.9	0.0742	1.0	0.52	461.3	4.5	484.0	7.4	592.9	35.6	461.3	4.5	77.8
BU0722-75	418	23272	0.5	16.8234	4.3	0.6286	4.4	0.0767	1.7	0.23	476.4	4.6	495.2	17.3	583.3	93.2	476.4	4.6	81.7
BU0722-84	106	11128	0.5	16.7943	4.4	0.6315	4.8	0.0769	1.9	0.49	477.7	8.9	497.0	18.7	587.0	94.5	477.7	8.9	81.4
BU0722-82	479	72564	1.2	17.4516	5.3	0.6254	5.3	0.0792	1.0	0.19	491.1	4.7	493.2	20.9	503.1	115.6	491.1	4.7	97.6

BU0722-81	312	35416	0.5	16.88 87	1.2	0.6589	1.7	0.080 7	1. 2	0.7 2	500.3	5.7		513.9	6.7	574.9	25.3	500.3	5.7	87.0
BU0722-32	333	30068	1.4	17.42 49	1.6	0.6538	2.4	0.082 6	1. 8	0.7 5	511.8	8.8		510.8	9.5	506.5	34.6	511.8	8.8	101. 0
BU0722-23	130 2	30690 4	8.1	17.42 86	1.1	0.6596	1.5	0.083 4	1. 0	0.6 7	516.2	5.0		514.4	6.0	506.0	24.2	516.2	5.0	102. 0
BU0722-15	214	20704	0.6	17.04 49	1.8	0.6817	2.3	0.084 3	1. 4	0.6 3	521.6	7.1		527.8	9.3	554.8	38.3	521.6	7.1	94.0
BU0722-10	110 6	72804	8.2	17.33 45	1.0	0.6723	1.4	0.084 5	1. 0	0.7 1	523.1	5.0		522.1	5.8	517.9	22.0	523.1	5.0	101. 0
BU0722-99	366	41320	1.3	16.87 81	1.5	0.6955	2.0	0.085 1	1. 3	0.6 5	526.7	6.6		536.1	8.4	576.2	33.3	526.7	6.6	91.4
BU0722-66	382	32484	0.9	16.95 90	1.9	0.6961	2.1	0.085 6	1. 0	0.4 7	529.6	5.1		536.5	8.8	565.8	40.5	529.6	5.1	93.6
BU0722-55	535	19300	5.9	16.39 09	1.1	0.7206	2.4	0.085 7	2. 1	0.8 9	529.8	10.8		551.0	10.2	639.5	23.8	529.8	10.8	82.8
BU0722-60	994	81076	3.0	16.99 92	1.4	0.7443	2.8	0.091 8	2. 5	0.8 7	566.0	13.4		564.9	12.3	560.7	30.5	566.0	13.4	100. 9
BU0722-2	719	51892	5.5	14.66 73	1.6	1.0093	2.2	0.107 4	1. 5	0.6 8	657.4	9.1		708.5	11.0	874.0	33.0	657.4	9.1	75.2
BU0722-103	161 0	96832	8.4	14.36 43	1.3	1.1423	2.7	0.119 0	2. 4	0.8 9	724.8	16.6		773.6	14.7	917.1	25.7	724.8	16.6	79.0
BU0722-48	676	31200	3.0	14.50 99	1.6	1.1526	2.7	0.121 3	2. 2	0.8 0	738.0	15.1		778.5	14.7	896.3	33.0	738.0	15.1	82.3
BU0722-97	990 2	14153 40	2.7	15.43 1.2	1.0935	1.5	0.122 4	1. 0	0.6 5	744.4	7.0		750.2	8.2	767.6	24.6	744.4	7.0	97.0	
BU0722-80	842	10379 2	6.9	13.86 93	1.7	1.2465	5.0	0.125 4	4. 7	0.9 4	761.5	34.0		821.8	28.3	988.8	33.6	761.5	34.0	77.0
BU0722-35	161 5	83532	4.7	14.02 08	1.8	1.3084	2.1	0.133 0	1. 0	0.4 9	805.2	7.6		849.4	11.8	966.7	36.5	805.2	7.6	83.3
BU0722-61	110 5	12309 2	37.7	14.86 53	2.1	1.2556	2.8	0.135 4	1. 8	0.6 7	818.4	14.1		825.9	15.6	846.1	42.9	818.4	14.1	96.7
BU0722-27	256	39492	1.2	14.68 32	1.5	1.2885	1.8	0.137 2	1. 0	0.5 6	828.9	7.8		840.6	10.2	871.7	30.5	828.9	7.8	95.1
BU0722-79	116 4	12291 6	4.8	13.93 16	1.2	1.4008	4.1	0.141 5	4. 0	0.9 6	853.3	31.7		889.3	24.5	979.7	24.2	853.3	31.7	87.1
BU0722-51	840	16263 2	16.4	14.01 64	2.7	1.4456	2.8	0.147 0	1. 0	0.3 5	883.9	8.3		908.1	17.0	967.3	54.1	883.9	8.3	91.4
BU0722-20	363	67088	7.3	14.05 99	2.6	1.4619	4.6	0.149 1	3. 8	0.8 3	895.8	32.1		914.8	28.0	961.0	53.5	895.8	32.1	93.2
BU0722-72	729 6	10097 92	4.1	13.82 92	2.0	1.5169	2.2	0.152 1	1. 0	0.4 5	913.0	8.5		937.2	13.5	994.7	40.0	913.0	8.5	91.8
BU0722-36	932 2	29647 9.5	9.5	14.30 58	1.2	1.4677	1.6	0.152 3	1. 0	0.6 3	913.8	8.5		917.2	9.6	925.5	25.3	913.8	8.5	98.7
BU0722-77	119 4	14780 4	8.5	14.34 01	1.3	1.4694	1.6	0.152 8	1. 0	0.6 2	916.8	8.5		917.9	9.8	920.5	26.1	916.8	8.5	99.6
BU0722-92	265	84408	1.8	13.95 02	1.8	1.5370	2.1	0.155 5	1. 0	0.4 9	931.7	8.7		945.3	12.6	977.0	36.5	931.7	8.7	95.4
BU0722-	291	58744	1.4	14.17	1.1	1.5325	1.5	0.157	1.	0.6	943.2	8.8		943.5	9.1	944.1	22.5	943.2	8.8	99.9

46				62			6	0	7											
BU0722-107	380	1869736	5.7	14.0046	1.0	1.5942	1.4	0.1619	1.0	0.71	967.4	9.0	967.9	8.8	969.0	20.4	967.4	9.0	99.8	
BU0722-41	534	141172	10.0	13.9464	1.9	1.6442	2.5	0.1663	1.5	0.62	991.7	14.1	987.3	15.6	977.5	39.5	977.5	39.5	101.5	
BU0722-96	346	75868	5.8	13.7122	2.6	1.5871	2.9	0.1578	1.2	0.42	944.8	10.7	965.2	17.9	1011.9	52.7	1011.9	52.7	93.4	
BU0722-34	366	52020	2.8	13.6864	2.3	1.5602	2.9	0.1549	1.7	0.59	928.2	14.8	954.6	17.9	1015.7	47.4	1015.7	47.4	91.4	
BU0722-25	98	15100	1.8	13.6390	1.8	1.6049	2.3	0.1588	1.5	0.62	949.8	12.9	972.1	14.7	1022.8	37.1	1022.8	37.1	92.9	
BU0722-62	785	73388	1.2	13.3813	1.6	1.8148	2.9	0.1761	1.4	0.83	1045.8	23.0	1050.8	18.8	1061.3	32.2	1061.3	32.2	98.5	
BU0722-11	667	128244	1.9	13.3197	3.0	1.9662	3.2	0.1899	1.0	0.32	1121.1	10.4	1104.0	21.3	1070.5	60.3	1070.5	60.3	104.7	
BU0722-17	433	71096	2.4	13.2942	1.2	1.5849	2.5	0.1528	2.2	0.87	916.7	18.5	964.3	15.5	1074.4	24.7	1074.4	24.7	85.3	
BU0722-59	336	41624	1.3	13.0888	1.1	1.6928	2.2	0.1607	2.0	0.87	960.6	17.4	1005.8	14.3	1105.6	22.0	1105.6	22.0	86.9	
BU0722-53	521	124904	4.7	13.0268	1.7	1.8399	2.8	0.1738	2.3	0.80	1033.2	21.5	1059.8	18.4	1115.1	33.3	1115.1	33.3	92.7	
BU0722-12	370	48620	1.1	12.9075	2.0	1.9864	3.1	0.1860	2.3	0.76	1099.4	23.6	1110.9	20.8	1133.4	40.0	1133.4	40.0	97.0	
BU0722-57	153	334301	4	12.8586	1.0	1.9563	1.6	0.1824	1.3	0.79	1080.0	13.0	1100.6	11.1	1141.6	19.9	1141.6	19.9	94.6	
BU0722-30	272	61068	2.0	12.8473	1.0	2.0390	3.1	0.1900	2.9	0.95	1121.3	30.2	1128.6	21.1	1142.7	19.9	1142.7	19.9	98.1	
BU0722-19	651	148276	2.7	12.8089	1.8	2.0259	3.1	0.1882	2.6	0.82	1111.6	26.2	1124.2	21.3	1148.7	35.4	1148.7	35.4	96.8	
BU0722-86	553	130544	3.2	12.7239	1.0	2.0634	1.6	0.1904	1.2	0.77	1123.6	12.3	1136.7	10.6	1161.9	19.8	1161.9	19.8	96.7	
BU0722-78	412	81272	2.4	12.6650	1.6	1.9186	2.3	0.1762	1.7	0.73	1046.4	16.2	1087.6	15.3	1171.1	30.7	1171.1	30.7	89.4	
BU0722-105	201	71840	1.9	12.6595	1.5	2.1292	2.1	0.1955	1.5	0.69	1151.1	15.3	1158.3	14.4	1171.9	29.7	1171.9	29.7	98.2	
BU0722-1	206	251352	3.5	12.1383	3.6	2.3674	6.8	0.2084	5.8	0.85	1220.4	64.2	1232.8	48.6	1254.6	70.6	1254.6	70.6	97.3	
BU0722-13	339	54208	1.2	12.0782	2.1	2.3393	3.2	0.2049	2.5	0.76	1201.7	27.0	1224.3	22.9	1264.3	40.6	1264.3	40.6	95.0	
BU0722-67	863	152124	1.5	11.6550	1.8	2.4211	3.5	0.2047	2.9	0.85	1200.3	32.2	1248.9	24.9	1333.7	35.2	1333.7	35.2	90.0	
BU0722-83	106	1932801	2.0	11.0680	1.6	2.3784	2.3	0.1909	1.7	0.72	1126.4	17.3	1236.1	16.5	1432.9	30.5	1432.9	30.5	78.6	
BU0722-5	482	135372	5.1	10.9074	2.5	2.3353	2.7	0.1847	1.0	0.37	1092.8	10.1	1223.1	19.3	1460.8	48.1	1460.8	48.1	74.8	
BU0722-106	402	152088	2.0	10.3728	1.8	3.5985	2.1	0.2707	1.1	0.54	1544.4	15.7	1549.2	16.7	1555.7	33.0	1555.7	33.0	99.3	
BU0722-109	137	31520	1.6	10.3541	1.2	3.1837	3.5	0.2391	3.3	0.94	1381.9	41.4	1453.2	27.4	1559.1	22.5	1559.1	22.5	88.6	

BU0722-101	1313	260668	58.5	10.3386	3.9	2.7112	5.7	0.2033	4.1	0.73	1193.0	44.8	1331.5	42.0	1561.9	73.0	1561.9	73.0	76.4
BU0722-21	319	80992	1.8	10.2728	2.1	3.0569	6.1	0.2278	5.7	0.94	1322.7	68.2	1422.0	46.5	1573.8	38.9	1573.8	38.9	84.0
BU0722-9	151	56100	3.0	10.1212	1.4	4.0592	1.7	0.2980	1.0	0.60	1681.2	15.1	1646.1	13.8	1601.6	25.2	1601.6	25.2	105.0
BU0722-18	888	385732	6.4	10.1051	1.0	3.9306	1.4	0.2881	1.0	0.70	1631.9	14.4	1620.0	11.5	1604.6	18.8	1604.6	18.8	101.7
BU0722-91	165	27780	2.1	10.0817	1.7	3.5611	2.0	0.2604	1.1	0.54	1491.8	14.1	1540.9	15.7	1608.9	31.1	1608.9	31.1	92.7
BU0722-50	377	47248	1.6	10.0109	1.3	3.2242	3.8	0.2341	3.6	0.94	1355.9	44.0	1463.0	29.8	1622.0	24.9	1622.0	24.9	83.6
BU0722-94	329	31376	3.6	9.9240	2.6	2.8158	2.9	0.2027	1.3	0.45	1189.6	14.0	1359.7	21.7	1638.2	48.0	1638.2	48.0	72.6
BU0722-47	449	92388	1.9	9.6612	2.1	4.0117	2.3	0.2811	1.0	0.43	1596.9	14.1	1636.6	18.9	1687.9	38.8	1687.9	38.8	94.6
BU0722-44	316	84624	1.6	9.6443	1.7	3.8491	2.5	0.2692	1.8	0.74	1536.9	25.0	1603.1	19.9	1691.2	30.4	1691.2	30.4	90.9
BU0722-37	980	35879	6	9.6090	1.4	4.1110	1.9	0.2865	1.4	0.70	1624.0	19.5	1656.5	15.8	1697.9	25.2	1697.9	25.2	95.6
BU0722-38	286	118884	1.2	9.6045	1.1	4.2444	2.1	0.2957	1.8	0.86	1669.7	26.8	1682.7	17.4	1698.8	20.1	1698.8	20.1	98.3
BU0722-31	319	126524	3.2	9.5710	1.0	4.3475	1.5	0.3018	1.1	0.73	1700.1	16.0	1702.4	12.1	1705.2	18.4	1705.2	18.4	99.7
BU0722-98	356	118116	4.7	9.5651	1.1	4.0024	1.9	0.2777	1.6	0.84	1579.6	23.0	1634.7	15.8	1706.3	19.3	1706.3	19.3	92.6
BU0722-76	852	160064	2.0	9.5439	1.1	3.8233	5.7	0.2646	5.6	0.98	1513.6	75.3	1597.7	45.8	1710.4	20.6	1710.4	20.6	88.5
BU0722-16	202	91956	4.3	9.5249	1.0	4.2446	1.4	0.2932	1.0	0.70	1657.6	14.6	1682.7	11.8	1714.1	18.9	1714.1	18.9	96.7
BU0722-71	139	43568	1.0	9.4764	1.8	4.3295	2.0	0.2976	1.0	0.49	1679.2	14.8	1699.0	16.8	1723.5	32.7	1723.5	32.7	97.4
BU0722-56	249	124544	2.4	9.4670	1.0	4.4148	1.5	0.3031	1.1	0.76	1706.8	17.5	1715.1	12.7	1725.3	18.4	1725.3	18.4	98.9
BU0722-45	342	122824	1.6	9.4628	1.8	4.3167	2.1	0.2963	1.1	0.52	1672.7	15.9	1696.6	17.0	1726.1	32.3	1726.1	32.3	96.9
BU0722-68	110	143680	4	9.4445	1.3	4.1534	2.6	0.2845	2.3	0.88	1614.0	32.8	1664.9	21.5	1729.7	23.1	1729.7	23.1	93.3
BU0722-93	496	145840	1.9	9.4365	1.1	4.3086	1.5	0.2949	1.0	0.66	1665.9	14.7	1695.0	12.4	1731.2	20.7	1731.2	20.7	96.2
BU0722-104	140	53592	2.3	9.4044	1.4	4.0785	1.7	0.2782	1.0	0.50	1582.2	14.0	1650.0	14.2	1737.5	26.2	1737.5	26.2	91.1
BU0722-95	1019	366432	2.0	9.3953	1.3	4.3026	1.8	0.2932	1.2	0.73	1657.4	19.0	1693.9	15.0	1739.2	23.5	1739.2	23.5	95.3
BU0722-58	732	127540	2.6	9.3888	1.0	3.5730	1.8	0.2433	1.4	0.82	1403.8	18.2	1543.6	13.9	1740.5	18.3	1740.5	18.3	80.7
BU0722-64	492	141108	1.2	9.3643	1.3	4.5521	1.9	0.3092	1.3	0.71	1736.6	20.2	1740.6	15.6	1745.3	24.2	1745.3	24.2	99.5
BU0722-	423	12758	3.2	9.3401	1.0	4.4591	1.4	0.3021	1.	0.7	1701.	15.0	1723.4	11.7	1750.	18.3	1750.0	18.3	97.2

102		4		5				1	0	1	6			0					
BU0722-29	501	192736	1.8	9.2827	1.8	4.3723	2.2	0.2944	1.3	0.57	1663.3	18.3	1707.1	18.2	1761.3	33.3	1761.3	33.3	94.4
BU0722-100	242	89540	4.9	9.2611	2.8	4.5063	3.0	0.3027	1.0	0.33	1704.6	15.0	1732.1	24.9	1765.6	51.5	1765.6	51.5	96.5
BU0722-40	410	60380	2.2	8.8620	4.9	4.0078	5.2	0.2576	1.8	0.34	1477.5	23.1	1635.8	42.2	1845.7	88.5	1845.7	88.5	80.1
BU0722-63	282	102608	2.4	8.6054	2.0	5.5124	2.6	0.3440	1.6	0.63	1906.1	26.4	1902.5	21.9	1898.7	35.8	1898.7	35.8	100.4
BU0722-74	239	108312	3.4	8.1935	1.1	6.0846	2.0	0.3616	1.7	0.84	1989.7	28.6	1988.0	17.4	1986.4	19.4	1986.4	19.4	100.2
BU0722-54	429	110212	2.0	6.5639	1.3	6.6040	2.7	0.3144	2.3	0.87	1762.3	35.6	2059.9	23.5	2372.4	22.7	2372.4	22.7	74.3
BU0722-8	85	108992	1.1	6.5473	2.3	9.1112	4.2	0.4326	3.5	0.84	2317.6	68.3	2349.2	38.4	2376.8	39.0	2376.8	39.0	97.5
BU0722-52	598	214664	2.8	6.5010	1.4	7.5232	2.8	0.3547	2.5	0.86	1957.1	41.4	2175.8	25.5	2388.8	24.5	2388.8	24.5	81.9
BU0722-26	484	127204	1.5	6.4777	2.7	6.7932	2.9	0.3191	1.0	0.35	1785.6	15.6	2084.8	25.4	2395.0	45.8	2395.0	45.8	74.6
BU0722-33	306	115456	1.8	6.4608	3.3	7.8850	3.7	0.3695	1.5	0.42	2026.9	26.6	2218.0	33.1	2399.4	56.8	2399.4	56.8	84.5
BU0722-87	418	175912	3.2	6.4486	1.3	6.9125	3.4	0.3233	2.2	0.93	1805.8	50.6	2100.3	30.6	2402.6	21.4	2402.6	21.4	75.2
BU0722-70	272	883161	1.8	6.4239	1.7	7.1659	2.5	0.3339	1.9	0.73	1857.1	30.2	2132.3	22.7	2409.1	29.4	2409.1	29.4	77.1
BU0722-90	98	692081	1.3	6.3454	1.4	9.5119	1.7	0.4378	1.0	0.58	2340.6	19.6	2388.7	15.7	2430.0	23.6	2430.0	23.6	96.3
BU0722-6	503	396560	4.0	6.2329	1.2	9.4917	1.9	0.4291	1.5	0.79	2301.6	29.6	2386.7	17.8	2460.3	19.9	2460.3	19.9	93.5
BU0722-88	140	109762	2.3	6.2305	1.0	7.9137	1.5	0.3576	1.0	0.70	1970.8	17.3	2221.2	13.1	2460.9	17.4	2460.9	17.4	80.1
BU0722-39	605	318760	3.2	6.0523	1.9	10.3688	2.1	0.4551	1.0	0.48	2418.1	21.0	2468.3	19.9	2509.8	31.6	2509.8	31.6	96.3
BU0742-34	1131	767255.4	13.0365	1.4	1.4596	1.9	0.1380	1.3	0.68	833.4	10.2	913.9	11.6	1113.6	28.4	833.4	10.2	74.8	
BU0742-6	267	352351.9	14.3610	3.5	1.4020	3.9	0.1460	1.7	0.43	878.6	13.6	889.8	23.1	917.5	72.6	878.6	13.6	95.8	
BU0742-75	579	668004.0	13.6049	1.7	1.6198	2.1	0.1598	1.3	0.63	955.8	11.2	977.9	13.1	1027.8	33.8	955.8	11.2	93.0	
BU0742-76	65	193551.0	13.3179	3.5	1.6492	4.7	0.1593	1.0	0.65	952.9	26.8	989.2	29.5	1070.8	71.2	1070.8	71.2	89.0	
BU0742-63	394	861201.8	12.8426	2.5	2.0282	3.5	0.1889	2.9	0.75	1115.5	25.8	1125.0	24.1	1143.4	49.3	1143.4	49.3	97.6	
BU0742-73	769	101535	1.9	12.7942	1.9	1.9197	2.5	0.1781	1.6	0.64	1056.8	15.4	1088.0	16.5	1150.9	37.7	1150.9	37.7	91.8
BU0742-33	776	926801.2	12.6503	2.3	2.0590	2.5	0.1889	1.0	0.41	1115.5	10.2	1135.3	16.8	1173.4	44.5	1173.4	44.5	95.1	

BU0742-42	775	115560	1.4	12.3943	4.4	1.6194	4.8	0.1456	2.1	0.44	876.1	17.4	977.8	30.4	1213.7	85.6	1213.7	85.6	72.2
BU0742-12	76	18105	1.6	12.2211	4.1	2.3299	4.3	0.2065	1.0	0.23	1210.2	11.0	1221.4	30.3	1241.3	81.2	1241.3	81.2	97.5
BU0742-52	388	31905	1.0	12.0099	2.0	2.4730	2.3	0.2154	1.0	0.44	1257.6	11.4	1264.2	16.4	1275.4	39.8	1275.4	39.8	98.6
BU0742-26	504	92890	3.5	12.0037	3.7	2.3469	3.9	0.2043	1.1	0.29	1198.5	12.2	1226.6	27.8	1276.4	73.0	1276.4	73.0	93.9
BU0742-87	370	68750	1.3	11.9054	3.6	2.4024	3.7	0.2074	1.0	0.27	1215.2	11.1	1243.3	26.9	1292.4	70.3	1292.4	70.3	94.0
BU0742-99	477	101925	6.1	11.8021	4.2	2.4178	4.6	0.2070	1.8	0.40	1212.6	20.2	1247.9	32.9	1309.4	81.4	1309.4	81.4	92.6
BU0742-46	638	113655	0.9	11.7819	3.9	2.5211	4.1	0.2154	1.1	0.26	1257.7	12.0	1278.1	29.6	1312.7	76.3	1312.7	76.3	95.8
BU0742-98	411	128935	1.4	11.7071	2.6	2.6386	2.9	0.2240	1.3	0.44	1303.2	15.2	1311.5	21.4	1325.0	50.4	1325.0	50.4	98.4
BU0742-92	468	52750	1.9	11.4146	2.2	2.4262	2.4	0.2009	1.0	0.41	1179.9	10.8	1250.4	17.4	1373.9	42.5	1373.9	42.5	85.9
BU0742-19	159	48135	1.1	11.3131	3.6	2.9058	3.8	0.2384	1.0	0.27	1378.5	12.4	1383.4	28.4	1391.0	69.5	1391.0	69.5	99.1
BU0742-18	364	101230	1.1	11.1769	3.8	2.9232	4.1	0.2370	1.4	0.35	1370.9	17.8	1387.9	30.9	1414.2	73.1	1414.2	73.1	96.9
BU0742-39	319	47840	1.7	11.1267	2.9	2.4372	3.3	0.1967	1.7	0.50	1157.0	17.5	1253.7	23.7	1422.8	54.5	1422.8	54.5	81.3
BU0742-28	107	18990	1.6	11.1218	2.6	2.8866	2.8	0.2328	1.1	0.39	1349.4	13.3	1378.4	21.2	1423.7	49.5	1423.7	49.5	94.8
BU0742-79	488	91400	2.9	11.1113	4.9	2.7908	5.2	0.2249	2.0	0.38	1307.7	23.4	1353.1	39.2	1425.5	92.9	1425.5	92.9	91.7
BU0742-70	153	35975	2.5	10.9663	3.3	2.9151	3.7	0.2319	1.8	0.47	1344.2	21.2	1385.8	28.1	1450.5	62.3	1450.5	62.3	92.7
BU0742-64	302	105575	1.5	10.9402	4.0	3.1577	4.1	0.2506	1.0	0.24	1441.3	12.9	1446.9	31.6	1455.1	75.5	1455.1	75.5	99.1
BU0742-51	180	56940	1.1	10.7508	2.4	3.2062	2.6	0.2500	1.0	0.38	1438.4	12.9	1458.7	20.3	1488.2	45.8	1488.2	45.8	96.7
BU0742-69	353	39040	0.7	10.6536	2.4	2.6664	3.3	0.2060	2.3	0.68	1207.6	24.8	1319.2	24.4	1505.4	45.5	1505.4	45.5	80.2
BU0742-29	241	54180	1.0	10.4662	5.1	3.3673	5.5	0.2556	1.9	0.35	1467.3	25.1	1496.8	42.9	1538.8	96.6	1538.8	96.6	95.4
BU0742-93	424	35220	0.9	10.4464	4.6	2.7919	4.8	0.2115	1.5	0.32	1236.9	17.2	1353.4	36.2	1542.4	86.4	1542.4	86.4	80.2
BU0742-25	493	88135	1.8	10.3961	2.0	3.5552	2.2	0.2681	1.0	0.40	1530.5	13.6	1539.6	17.5	1551.5	37.0	1551.5	37.0	98.7
BU0742-9	191	35275	1.2	10.3806	3.4	3.0222	4.0	0.2275	2.1	0.52	1321.6	24.5	1413.2	30.4	1554.3	64.0	1554.3	64.0	85.0
BU0742-35	94	23470	1.1	10.1799	2.2	3.5812	2.4	0.2644	1.1	0.45	1512.3	14.7	1545.4	19.2	1590.8	40.4	1590.8	40.4	95.1
BU0742-15	384	118030	0.9	10.1466	3.6	3.5809	4.1	0.2635	1.8	0.44	1507.8	24.1	1545.3	32.2	1597.0	68.0	1597.0	68.0	94.4
BU0742-5	248	11053	1.8	10.0551	5.1	3.6293	5.7	0.2642	2.	0.4	1514.3	35.4	1556.0	45.7	1613.0	95.1	1613.0	95.1	93.9

		0		94				8	6	6	3			0								
BU0742-72	284	49920	4.6	10.00	72	2.0	3.7408	3.0	0.271	2.	0.7	1548.	30.6	1580.1	23.7	1622.	36.3	1622.7	36.3	95.4		
BU0742-96	948	37015	5	2.9	10.00	54	4.1	3.3697	4.3	0.244	1.	0.3	1410.	2	17.0	1497.4	33.9	1623.	76.7	1623.1	76.7	86.9
BU0742-95	344	87890	0.8	10.00	39	1.7	3.6529	2.0	0.265	1.	0.5	1515.	6	13.5	1561.1	15.7	1623.	31.4	1623.3	31.4	93.4	
BU0742-55	888	11448	5	5.9	9.991	0	5.7	3.6311	6.4	0.263	3.	0.4	1505.	8	40.0	1556.4	51.3	1625.	106.	1625.7	106.	92.6
BU0742-58	170	44170	0.9	9.984	3	3.7	3.7580	5.0	0.272	3.	0.6	1551.	6	46.5	1583.8	40.1	1627.	68.6	1627.0	68.6	95.4	
BU0742-3	513	10542	0	3.5	9.949	8	2.0	3.8723	2.3	0.279	1.	0.4	1588.	5	14.1	1607.9	18.3	1633.	37.7	1633.4	37.7	97.3
BU0742-61	214	42420	0.8	9.918	1	4.6	3.9339	4.7	0.283	1.	0.2	1606.	3	16.1	1620.7	38.2	1639.	85.1	1639.4	85.1	98.0	
BU0742-56	567	79280	1.7	9.843	7	3.9	3.5328	4.2	0.252	1.	0.3	1449.	9	20.0	1534.6	33.0	1653.	71.7	1653.3	71.7	87.7	
BU0742-1	781	15728	5	1.6	9.833	4	2.6	4.0000	2.8	0.285	1.	0.3	1617.	9	14.3	1634.2	22.4	1655.	47.6	1655.2	47.6	97.7
BU0742-16	126	83425	1.1	9.772	0	2.5	4.0866	3.2	0.289	2.	0.6	1639.	7	29.4	1651.6	26.3	1666.	46.4	1666.9	46.4	98.4	
BU0742-10	175	24353	2	2.8	9.718	3	3.0	3.8050	5.6	0.268	4.	0.8	1531.	6	64.5	1593.8	45.0	1677.	55.3	1677.0	55.3	91.3
BU0742-83	36	17640	1.5	9.633	7	6.6	4.0738	7.4	0.284	3.	0.4	1614.	7	47.4	1649.1	60.3	1693.	121.	1693.2	121.	95.4	
BU0742-59	267	56280	1.2	9.625	7	3.9	3.1373	7.2	0.219	6.	0.8	1276.	7	69.5	1441.9	55.3	1694.	72.5	1694.7	72.5	75.3	
BU0742-45	898	21150	5	1.7	9.567	4	4.6	4.2728	5.0	0.296	1.	0.3	1673.	9	28.5	1688.1	41.1	1705.	84.7	1705.9	84.7	98.1
BU0742-74	902	15351	5	1.7	9.546	6	2.2	4.0313	2.4	0.279	1.	0.4	1586.	9	14.5	1640.5	19.6	1709.	40.1	1709.9	40.1	92.8
BU0742-44	542	11372	0	1.4	9.545	3	4.6	4.2719	4.7	0.295	1.	0.2	1670.	1	15.7	1688.0	38.5	1710.	83.8	1710.2	83.8	97.7
BU0742-37	281	10175	0	1.5	9.531	9	4.0	4.2875	4.1	0.296	1.	0.2	1673.	5	14.7	1691.0	34.0	1712.	73.6	1712.7	73.6	97.7
BU0742-49	137	15127	2	5	1.9	7	1.8	4.0288	2.1	0.277	1.	0.4	1580.	8	14.0	1640.0	17.0	1716.	33.6	1716.8	33.6	92.1
BU0742-67	598	50220	0.8	9.492	6	1.8	3.7055	2.0	0.255	1.	0.4	1464.	8	13.1	1572.6	16.3	1720.	32.5	1720.3	32.5	85.1	
BU0742-43	116	21205	4	1.6	9.468	1	3.6	4.1976	3.8	0.288	1.	0.3	1632.	7	18.5	1673.5	31.5	1725.	66.5	1725.1	66.5	94.6
BU0742-24	627	13521	5	1.5	9.466	6	1.7	4.0698	2.0	0.279	1.	0.5	1588.	5	15.2	1648.3	16.4	1725.	31.2	1725.4	31.2	92.1
BU0742-20	721	19103	0	1.8	9.462	2	5.9	3.9831	6.3	0.273	2.	0.3	1557.	8	28.0	1630.8	50.8	1726.	108.	1726.2	108.	90.2
BU0742-31	107	65580	7	4.3	9.458	5	2.5	3.9587	2.7	0.271	1.	0.3	1548.	7	13.8	1625.8	21.5	1726.	45.2	1726.9	45.2	89.7
BU0742-53	355	46685	1.2	9.458	2	1.6	3.4401	2.6	0.236	2.	0.8	1365.	8	25.1	1513.6	20.2	1727.	28.5	1727.0	28.5	79.1	

BU0742-23	173	35310	1.8	9.4465	1.7	4.3282	1.9	0.2965	1.0	0.52	1674.1	14.7		1698.7	15.9	1729.3	30.3	1729.3	30.3	96.8
BU0742-68	615	131180	0.7	9.3853	1.8	4.1419	3.0	0.2819	2.4	0.79	1601.1	34.2		1662.6	24.8	1741.2	33.7	1741.2	33.7	92.0
BU0742-62	992	226545	1.9	9.3803	1.8	4.0772	2.5	0.2774	1.7	0.67	1578.2	23.4		1649.8	20.3	1742.2	33.7	1742.2	33.7	90.6
BU0742-57	222	41305	1.3	9.3783	2.8	3.3898	4.7	0.2306	3.8	0.80	1337.5	45.8		1502.0	37.0	1742.6	51.3	1742.6	51.3	76.8
BU0742-41	212	89070	0.8	9.3730	3.2	4.2349	3.4	0.2879	1.0	0.30	1631.0	14.8		1680.8	27.9	1743.6	59.4	1743.6	59.4	93.5
BU0742-100	398	128175	1.8	9.3642	2.9	4.0861	3.0	0.2775	1.0	0.33	1578.8	14.0		1651.5	24.6	1745.3	52.2	1745.3	52.2	90.5
BU0742-2	272	53380	2.0	9.3581	2.9	3.9953	3.0	0.2712	1.0	0.30	1546.7	13.8		1633.2	24.5	1746.5	52.2	1746.5	52.2	88.6
BU0742-7	738	128070	1.9	9.3389	4.4	3.7880	4.7	0.2566	1.8	0.37	1472.3	23.2		1590.2	38.0	1750.3	80.4	1750.3	80.4	84.1
BU0742-80	365	74205	1.4	9.3002	4.6	4.2205	4.7	0.2847	1.0	0.21	1614.9	14.3		1678.0	39.0	1757.9	84.9	1757.9	84.9	91.9
BU0742-14	433	130215	1.8	9.2956	4.9	3.6493	5.6	0.2460	2.7	0.49	1418.0	34.9		1560.4	44.8	1758.8	89.8	1758.8	89.8	80.6
BU0742-17	232	80910	2.0	9.2734	5.4	4.3050	5.5	0.2895	1.0	0.18	1639.2	14.5		1694.3	45.5	1763.2	99.3	1763.2	99.3	93.0
BU0742-40	110	27215	0.8	9.2407	4.3	4.6677	4.4	0.3128	1.2	0.27	1754.6	18.3		1761.5	37.1	1769.6	78.0	1769.6	78.0	99.2
BU0742-66	323	78180	1.4	9.2149	2.2	4.5134	2.8	0.3016	1.7	0.63	1699.4	25.8		1733.4	23.0	1774.7	39.4	1774.7	39.4	95.8
BU0742-8	642	66430	1.9	9.2028	4.0	4.1943	4.2	0.2799	1.0	0.24	1591.1	14.1		1672.9	34.1	1777.1	73.6	1777.1	73.6	89.5
BU0742-78	193	56105	2.1	9.1807	4.8	4.0968	4.9	0.2728	1.3	0.26	1554.9	17.7		1653.7	40.4	1781.5	87.2	1781.5	87.2	87.3
BU0742-94	189	31165	1.9	9.0260	3.9	4.6522	4.0	0.3045	1.0	0.25	1713.8	15.0		1758.7	33.3	1812.4	70.0	1812.4	70.0	94.6
BU0742-4	181	49180	1.7	8.8686	3.6	4.7515	4.4	0.3056	2.5	0.57	1719.1	38.0		1776.4	36.9	1844.3	65.2	1844.3	65.2	93.2
BU0742-84	466	69985	2.5	8.8243	4.1	4.7444	4.3	0.3036	1.4	0.33	1709.3	21.3		1775.1	36.5	1853.4	74.3	1853.4	74.3	92.2
BU0742-36	354	154075	2.1	8.8049	2.6	4.2696	2.8	0.2727	1.0	0.36	1554.3	13.8		1687.5	22.7	1857.3	46.4	1857.3	46.4	83.7
BU0742-81	397	131155	3.7	8.7055	3.7	4.6381	5.5	0.2928	4.2	0.75	1655.7	60.9		1756.1	46.4	1877.8	66.0	1877.8	66.0	88.2
BU0742-77	471	5900	1.2	8.6403	4.3	4.2155	6.4	0.2642	4.8	0.74	1511.1	64.4		1677.0	52.9	1891.4	77.8	1891.4	77.8	79.9
BU0742-27	267	57875	1.7	8.6399	4.6	5.3453	4.7	0.3349	1.0	0.21	1862.3	16.2		1876.1	40.0	1891.5	82.1	1891.5	82.1	98.5
BU0742-47	394	9835	1.0	8.6062	3.7	4.8041	3.8	0.2999	1.1	0.29	1690.6	16.8		1785.6	32.3	1898.5	66.1	1898.5	66.1	89.1
BU0742-60	150	47710	1.7	8.5698	2.6	5.1191	2.8	0.3182	1.0	0.36	1780.8	15.6		1839.3	23.7	1906.1	46.7	1906.1	46.7	93.4
BU0742-	908	72735	2.5	8.4072	2.6	4.1605	2.8	0.2531	1.0	0.31	1457.13.0	13.0		1666.3	23.1	1940.	47.2	1940.3	47.2	75.1

21				8				7	0	5	6			3				
BU0742-32	199	34035	5	55.7	6.270	8	1.5	8.1911	1.8	0.372	5	0	0.5	2041.	3	17.5	2252.4	16.4
BU0742-30	251	70545	1.1	6.179	7	2.7	9.8910	2.9	0.443	3	1.	0	0.3	2365.	4	19.8	2424.7	26.4
BU0742-86	162	83930	2.0	6.084	3	2.6	10.149	3	0.447	9	1.	0	0.3	2385.	7	19.9	2448.5	25.3
BU0742-48	301	55075	0.8	6.048	2	2.4	9.2749	3.4	0.406	9	2.	0	0.7	2200.	5	44.6	2365.5	31.3
BU0742-97	654	34849	5	1.3	6.001	3	5.3	10.442	5.6	0.454	5	1.	0.3	2415.	2	36.9	2474.8	52.0
BU0742-82	789	48390	5	1.2	5.918	6	4.1	10.468	4.5	0.449	4	2.	0.4	2392.	4	39.6	2477.1	42.0
BU0742-54	481	20945	2.6	5.908	2	1.8	8.6308	3.3	0.369	8	2.	0.8	2028.	6	47.3	2299.8	29.9	
BU0742-11	119	91995	1.6	5.576	3	5.7	11.836	5	0.478	7	1.	0.2	2521.	6	29.0	2591.6	55.3	
BU0743A-30	316	48080	0.8	14.02	29	4.4	1.5466	5.1	0.157	3	2.	0.5	941.7	22.3		949.1	31.3	
BU0743A-25	731	96055	2.6	13.86	42	1.8	1.6336	2.6	0.164	3	1.	0.7	980.4	16.7		983.2	16.3	
BU0743A-4	156	27355	1.4	13.56	49	3.0	1.8104	3.4	0.178	1	0.4	1056.	6	15.5	1049.2	21.9		
BU0743A-31	406	81955	1.9	12.87	66	1.0	1.9159	3.4	0.178	9	3.	0.9	1061.	1	32.1	1086.7	22.9	
BU0743A-24	134	21966	0	12.84	60	1.6	1.9795	1.9	0.184	4	1.	0.5	1091.	1	10.0	1108.6	12.6	
BU0743A-9	107	16710	5	12.73	37	4.0	2.0682	4.1	0.191	0	0.	0.2	1126.	8	10.3	1138.3	28.2	
BU0743A-27	609	10385	0	12.68	31	1.8	2.0590	2.0	0.189	4	1.	0.4	1118.	1	10.3	1135.3	13.8	
BU0743A-17	160	70955	1.1	12.42	60	3.0	2.2602	3.2	0.203	7	1.	0.3	1195.	1	10.9	1200.0	22.5	
BU0743A-23	844	61180	0.5	12.30	68	2.3	2.1254	3.5	0.189	7	2.	0.7	1119.	5	27.0	1157.1	24.2	
BU0743A-12	183	59460	1.2	12.29	09	1.7	2.4233	2.0	0.216	0	1.	0.5	1260.	8	11.5	1249.5	14.4	
BU0743A-26	344	70305	4.3	12.23	14	1.3	2.1627	1.7	0.191	9	1.	0.6	1131.	4	10.4	1169.1	11.6	
BU0743A-22	233	94450	1.7	12.17	50	1.1	1.9314	1.8	0.170	5	1.	0.7	1015.	1	12.9	1092.0	11.8	
BU0743A-13	980	72840	0.4	11.60	84	3.7	2.4702	4.6	0.208	0	2.	0.6	1218.	2	31.7	1263.3	33.5	
BU0743A-33	405	97655	1.4	11.54	45	1.6	2.7068	2.9	0.226	6	2.	0.8	1316.	5	29.8	1330.3	21.9	
BU0743A-11	578	19354	5	11.44	30	3.3	2.8720	4.3	0.238	4	2.	0.6	1378.	3	33.1	1374.6	32.1	

BU0743A-28	609	118020	1.2	11.3812	3.2	2.6257	4.1	0.2167	2.5	0.62	1264.6	28.8		1307.9	29.9	1379.5	61.5	1379.5	61.5	91.7
BU0743A-10	541	96410	1.4	11.3210	2.0	2.9090	2.3	0.2389	1.1	0.46	1380.7	13.2		1384.3	17.3	1389.7	39.0	1389.7	39.0	99.4
BU0743A-3	322	137430	1.2	10.9955	3.2	3.2333	3.3	0.2578	1.0	0.30	1478.8	13.2		1465.2	25.9	1445.5	60.6	1445.5	60.6	102.3
BU0743A-6	330	114630	1.2	10.5547	1.3	3.4657	2.0	0.2653	1.5	0.76	1516.9	20.5		1519.5	15.7	1523.0	24.1	1523.0	24.1	99.6
BU0743A-21	265	59400	1.5	10.1925	1.6	3.7028	3.1	0.2737	2.6	0.85	1559.7	36.2		1572.0	24.6	1588.5	30.6	1588.5	30.6	98.2
BU0743A-32	323	62955	1.0	10.1296	1.9	3.7954	2.3	0.2788	1.2	0.53	1585.5	17.0		1591.8	18.2	1600.1	35.8	1600.1	35.8	99.1
BU0743A-16	476	88610	0.9	9.8613	3.1	4.1806	3.2	0.2990	1.0	0.31	1686.4	14.8		1670.2	26.3	1650.0	56.6	1650.0	56.6	102.2
BU0743A-1	271	104650	6.9	9.5698	2.5	4.4429	2.7	0.3084	1.0	0.37	1732.7	15.2		1720.4	22.4	1705.4	46.2	1705.4	46.2	101.6
BU0743A-15	588	35165	1.9	9.4617	2.6	4.2966	2.8	0.2948	1.0	0.36	1665.7	14.7		1692.7	22.9	1726.3	47.6	1726.3	47.6	96.5
BU0743A-29	269	55810	1.7	9.4570	2.0	3.6990	2.6	0.2537	1.7	0.63	1457.6	21.5		1571.2	20.9	1727.2	37.1	1727.2	37.1	84.4
BU0743A-5	174	54360	1.0	9.3411	4.7	4.7831	5.6	0.3240	3.1	0.55	1809.4	48.3		1781.9	47.1	1749.8	85.9	1749.8	85.9	103.4
BU0743A-14	161	85045	1.3	8.8272	2.6	5.2847	3.4	0.3383	2.2	0.62	1878.6	36.0		1866.4	28.9	1852.8	46.5	1852.8	46.5	101.4
BU0743A-19	871	56145	1.2	8.2669	2.5	5.4500	2.7	0.3268	1.0	0.37	1822.7	15.9		1892.7	23.3	1970.5	44.9	1970.5	44.9	92.5
BU0743A-20	193	18930	1.7	7.2077	2.2	6.4637	5.8	0.3379	5.4	0.93	1876.5	87.9		2041.0	51.3	2211.5	37.9	2211.5	37.9	84.9
BU0743A-2	577	38430	2.1	6.2088	2.4	6.8404	3.4	0.3080	2.4	0.70	1731.0	36.1		2091.0	30.1	2466.8	41.1	2466.8	41.1	70.2
BU0743A-18	1193	470420	0	5.9288	1.9	11.3583	2.2	0.4884	1.0	0.46	2563.7	21.2		2553.0	20.2	2544.5	32.2	2544.5	32.2	100.8
BU0753-44	505	63225	2.2	18.4042	1.8	0.4765	2.9	0.0636	2.2	0.78	397.5	8.6		395.7	9.4	385.0	40.1	397.5	8.6	NA
BU0753-90	554	49995	1.6	18.0675	1.6	0.5161	3.6	0.0676	3.2	0.89	421.8	13.1		422.5	12.4	426.3	36.4	421.8	13.1	NA
BU0753-54	163	23480	1.3	17.7291	2.5	0.5960	3.7	0.0766	2.8	0.74	476.0	12.7		474.7	14.2	468.3	55.8	476.0	12.7	NA
BU0753-68	303	24420	0.8	17.0074	6.8	0.6284	7.6	0.0775	3.5	0.46	481.3	16.4		495.1	29.9	559.6	147.5	481.3	16.4	NA
BU0753-82	123	15045	1.9	18.3452	5.7	0.5874	6.1	0.0782	2.0	0.33	485.1	9.5		469.2	22.9	392.2	128.7	485.1	9.5	NA
BU0753-81	376	59285	1.6	17.6363	1.7	0.6156	2.6	0.0787	2.0	0.77	488.6	9.5		487.1	10.2	479.9	37.4	488.6	9.5	NA
BU0753-1	792	91960	2.2	17.6154	1.0	0.6180	1.6	0.0790	1.2	0.77	489.9	5.7		488.6	6.1	482.5	22.1	489.9	5.7	NA
BU0753-62	267	23920	0.9	17.8293	2.7	0.6115	3.3	0.0791	1.8	0.55	490.6	8.5		484.5	12.5	455.8	60.3	490.6	8.5	NA

BU0753-83	289	32640	0.9	17.84 63	2.5	0.6143	2.9	0.079 5	1. 5	0.5 1	493.2	7.0		486.3	11.2	453.7	55.6	493.2	7.0	NA
BU0753-73	321	50895	1.0	17.52 96	4.0	0.6263	4.5	0.079 6	2. 2	0.4 8	493.9	10.3		493.8	17.7	493.3	88.0	493.9	10.3	NA
BU0753-25	299	36155	0.8	17.22 06	2.4	0.6388	3.4	0.079 8	2. 4	0.6 9	494.8	11.2		501.6	13.4	532.4	53.3	494.8	11.2	NA
BU0753-79	90	20030	0.8	17.60 37	6.8	0.6253	7.4	0.079 8	2. 8	0.3 8	495.1	13.2		493.1	28.8	484.0	150. 8	495.1	13.2	NA
BU0753-49	214	33315	0.8	17.47 34	3.6	0.6364	3.8	0.080 7	1. 0	0.2 6	500.0	4.8		500.1	14.9	500.4	80.3	500.0	4.8	99.9
BU0753-77	289	36575	1.9	17.88 70	3.8	0.6227	4.8	0.080 8	3. 0	0.6 2	500.8	14.5		491.5	18.7	448.6	83.3	500.8	14.5	111. 6
BU0753-51	100	16000	0.9	18.22 16	5.5	0.6125	5.6	0.080 9	1. 3	0.2 3	501.7	6.2		485.1	21.8	407.3	123. 2	501.7	6.2	123. 2
BU0753-59	810	11256 0	1.7	17.39 26	1.6	0.6445	2.0	0.081 3	1. 3	0.6 3	503.9	6.2		505.1	8.0	510.6	34.3	503.9	6.2	98.7
BU0753-75	325	51410	1.4	17.83 66	3.2	0.6332	4.1	0.081 9	2. 6	0.6 3	507.5	12.5		498.1	16.0	454.9	69.9	507.5	12.5	111. 6
BU0753-20	253	34775	0.8	17.32 39	1.4	0.6522	2.7	0.081 9	2. 3	0.8 5	507.7	11.3		509.8	10.8	519.3	30.8	507.7	11.3	97.8
BU0753-60	153	27945	1.2	17.76 26	2.6	0.6375	2.8	0.082 1	1. 2	0.4 1	508.8	5.7		500.8	11.1	464.1	56.8	508.8	5.7	109. 6
BU0753-98	117	9135	0.5	17.01 85	3.1	0.6685	4.6	0.082 5	3. 4	0.7 4	511.1	16.9		519.8	18.8	558.2	67.8	511.1	16.9	91.6
BU0753-31	317	31295	1.0	17.04 28	1.2	0.6749	4.9	0.083 4	4. 8	0.9 7	516.5	23.6		523.7	20.1	555.1	27.1	516.5	23.6	93.1
BU0753-6	206	97070	0.7	16.60 76	4.8	0.6931	4.9	0.083 5	1. 0	0.2 0	516.9	5.0		534.6	20.4	611.2	104. 0	516.9	5.0	84.6
BU0753-47	215	48745	2.0	16.67 22	4.4	0.7009	4.6	0.084 8	1. 4	0.3 1	524.4	7.2		539.3	19.2	602.8	94.6	524.4	7.2	87.0
BU0753-32	199	34850	1.2	17.01 79	3.4	0.6872	5.3	0.084 8	4. 1	0.7 7	524.8	20.5		531.1	21.9	558.3	74.3	524.8	20.5	94.0
BU0753-26	899	18272 0	3.9	17.14 04	1.3	0.6843	1.9	0.085 1	1. 3	0.7 2	526.3	6.7		529.4	7.6	542.6	28.2	526.3	6.7	97.0
BU0753-88	114	13080	1.4	17.39 79	2.6	0.6749	5.4	0.085 2	4. 8	0.8 8	526.9	24.1		523.7	22.2	509.9	57.4	526.9	24.1	103. 3
BU0753-71	250	50860	0.9	17.26 22	3.0	0.6826	3.2	0.085 5	1. 3	0.4 1	528.6	6.6		528.4	13.3	527.1	64.7	528.6	6.6	100. 3
BU0753-7	213	36680	0.8	17.66 15	5.4	0.6711	5.5	0.086 0	1. 0	0.1 8	531.6	5.1		521.4	22.3	476.8	118. 8	531.6	5.1	111. 5
BU0753-92	412	40505	2.6	17.15 06	1.4	0.6925	2.3	0.086 1	1. 8	0.7 8	532.6	9.1		534.3	9.4	541.3	30.9	532.6	9.1	98.4
BU0753-76	171	58300	1.7	16.60 78	3.2	0.7877	3.5	0.094 9	1. 4	0.4 0	584.3	7.7		589.9	15.6	611.2	69.0	584.3	7.7	95.6
BU0753-17	738	97640	2.2	14.92 17	3.4	0.9195	5.8	0.099 5	4. 7	0.8 1	611.5	27.1		662.1	28.1	838.3	71.0	611.5	27.1	73.0
BU0753-97	858	88835	5.2	15.18 00	2.9	1.0177	3.0	0.112 0	1. 0	0.3 3	684.6	6.5		712.8	15.5	802.4	59.9	684.6	6.5	85.3
BU0753-9	192	96605	2.3	15.53	5.6	1.0138	5.7	0.114 1	0.1	0.1	697.3	6.6		710.8	29.2	753.7	118.	697.3	6.6	92.5

				57				2	0	8					7				
BU0753-95	177	20035	1.0	15.08 81	3.0	1.1194	3.1	0.122 5	1. 0	0.3 2	744.9	7.0	762.7	16.8	815.1	62.0	744.9	7.0	91.4
BU0753-63	206	26830	0.4	14.78 23	1.1	1.2276	1.5	0.131 6	1. 0	0.6 6	797.1	7.5	813.3	8.5	857.8	23.5	797.1	7.5	92.9
BU0753-21	249	48290	1.8	15.05 19	2.0	1.2073	2.5	0.131 8	1. 5	0.5 9	798.1	11.2	804.0	14.0	820.1	42.6	798.1	11.2	97.3
BU0753-24	175	29120	0.5	15.26 61	1.9	1.2007	3.0	0.132 9	2. 3	0.7 7	804.7	17.7	800.9	16.8	790.6	40.4	804.7	17.7	101. 8
BU0753-86	530	10632 5	1.5	14.47 66	1.7	1.2712	5.2	0.133 5	4. 9	0.9 5	807.6	37.0	832.9	29.3	901.0	34.0	807.6	37.0	89.6
BU0753-100	224	44755	3.0	14.63 04	2.8	1.3073	3.3	0.138 7	1. 8	0.5 4	837.4	13.9	849.0	18.9	879.2	57.1	837.4	13.9	95.3
BU0753-93	100 9	17245 0	5.6	14.09 97	1.4	1.4113	3.8	0.144 3	3. 6	0.9 4	869.0	29.3	893.7	22.9	955.2	27.8	869.0	29.3	91.0
BU0753-64	830	11861 0	4.4	13.55 14	2.3	1.4725	4.2	0.144 7	3. 5	0.8 3	871.3	28.5	919.1	25.4	1035. 8	46.7	871.3	28.5	84.1
BU0753-38	559	16557 0	0.7	14.47 54	1.2	1.3818	1.5	0.145 1	1. 0	0.6 5	873.2	8.2	881.2	9.0	901.2	23.9	873.2	8.2	96.9
BU0753-16	424	97190	2.6	14.61 61	1.6	1.3707	1.9	0.145 3	1. 1	0.5 7	874.6	9.0	876.5	11.3	881.2	32.7	874.6	9.0	99.2
BU0753-84	122	38607 5	1.7	13.88 98	4.4	1.4958	5.1	0.150 7	2. 6	0.5 1	904.8	22.1	928.7	31.0	985.8	89.0	904.8	22.1	91.8
BU0753-69	288	11998 0	1.6	13.83 39	1.9	1.7014	2.9	0.170 7	2. 2	0.7 5	1016. 0	20.6	1009.1	18.7	994.0	39.4	994.0	39.4	102. 2
BU0753-19	93	23410	2.2	13.74 80	4.2	1.6567	4.7	0.165 2	2. 0	0.4 4	985.6	18.6	992.1	29.5	1006. 6	84.9	1006.6	84.9	97.9
BU0753-99	524	31040	8.6	13.49 06	4.7	1.5960	4.8	0.156 2	1. 0	0.2 1	935.4	8.7	968.7	29.8	1044. 9	94.1	1044.9	94.1	89.5
BU0753-12	457	19857 5	6.5	13.43 23	2.4	1.7836	2.8	0.173 8	1. 4	0.4 9	1032. 8	13.2	1039.5	18.2	1053. 6	49.2	1053.6	49.2	98.0
BU0753-2	111	32625	1.8	13.36 44	3.0	1.7662	4.0	0.171 2	2. 7	0.6 8	1018. 7	25.7	1033.1	26.1	1063. 8	59.6	1063.8	59.6	95.8
BU0753-70	324	93105	3.6	13.33 77	2.1	1.8097	2.4	0.175 1	1. 0	0.4 2	1039. 9	9.6	1049.0	15.4	1067. 8	42.8	1067.8	42.8	97.4
BU0753-52	333	13554 5	6.1	13.30 18	1.4	1.7909	2.2	0.172 8	1. 7	0.7 6	1027. 4	15.9	1042.1	14.2	1073. 2	28.3	1073.2	28.3	95.7
BU0753-10	433	17233 5	2.8	13.28 76	3.0	1.7304	4.8	0.166 8	3. 7	0.7 8	994.2	34.5	1019.9	31.0	1075. 4	61.1	1075.4	61.1	92.5
BU0753-4	168	46505	1.2	13.28 59	2.5	1.8175	3.4	0.175 1	2. 3	0.6 8	1040. 3	21.9	1051.8	22.0	1075. 6	49.6	1075.6	49.6	96.7
BU0753-45	104	42835	1.6	13.06 76	2.6	2.0064	3.2	0.190 2	1. 9	0.5 9	1122. 2	19.3	1117.7	21.6	1108. 8	51.6	1108.8	51.6	101. 2
BU0753-15	158	57850	1.3	12.95 89	2.2	1.8927	4.3	0.177 9	3. 8	0.8 6	1055. 4	36.5	1078.5	28.9	1125. 5	43.7	1125.5	43.7	93.8
BU0753-33	200	58035	1.0	12.92 39	1.3	1.8783	3.2	0.176 1	2. 9	0.9 1	1045. 4	27.6	1073.5	20.9	1130. 9	26.3	1130.9	26.3	92.4
BU0753-3	125	46170	1.0	12.84 79	2.5	1.8901	3.3	0.176 1	2. 3	0.6 8	1045. 7	21.9	1077.6	22.2	1142. 6	48.7	1142.6	48.7	91.5

BU0753-53	343	176070	1.1	12.7593	1.6	2.0106	3.1	0.1861	2.6	0.85	1100.0	26.5	1119.1	21.0	1156.4	32.5	1156.4	32.5	95.1
BU0753-18	506	162485	2.2	12.7050	1.5	2.1283	2.0	0.1961	1.3	0.66	1154.4	13.7	1158.0	13.5	1164.8	28.9	1164.8	28.9	99.1
BU0753-89	76	18305	1.3	12.6795	2.1	2.0777	2.8	0.1911	1.8	0.65	1127.1	18.5	1141.5	18.9	1168.8	41.7	1168.8	41.7	96.4
BU0753-80	138	46110	0.8	12.6638	3.6	2.1228	3.7	0.1950	1.1	0.29	1148.2	11.1	1156.2	25.6	1171.2	70.5	1171.2	70.5	98.0
BU0753-67	50	20505	1.1	12.6541	4.8	2.0831	4.9	0.1912	1.0	0.20	1127.7	10.3	1143.2	33.7	1172.8	95.1	1172.8	95.1	96.2
BU0753-41	122	9810	1.2	12.6284	3.1	2.0054	5.0	0.1837	3.9	0.78	1087.0	39.3	1117.3	34.1	1176.8	62.3	1176.8	62.3	92.4
BU0753-28	169	43125	1.0	12.5857	4.8	2.0081	5.3	0.1832	3.2	0.41	1085.0	21.9	1118.3	35.8	1183.5	94.9	1183.5	94.9	91.7
BU0753-22	243	71040	1.8	12.4813	3.4	2.2216	3.7	0.2011	1.5	0.40	1181.3	15.9	1187.9	25.9	1199.9	67.1	1199.9	67.1	98.4
BU0753-13	262	114015	3.6	12.2319	3.8	2.3401	3.9	0.2076	1.0	0.26	1216.0	11.1	1224.6	27.8	1239.6	73.9	1239.6	73.9	98.1
BU0753-66	390	80745	1.5	11.9784	1.1	2.3260	3.2	0.2021	3.0	0.94	1186.5	32.9	1220.3	22.9	1280.5	21.2	1280.5	21.2	92.7
BU0753-72	113	68300	2.1	11.8622	4.4	2.5015	4.6	0.2152	1.4	0.31	1256.5	16.0	1272.5	33.3	1299.5	85.0	1299.5	85.0	96.7
BU0753-46	301	157765	2.5	11.3850	3.0	2.6322	3.8	0.2172	3.3	0.61	1267.9	26.6	1309.7	27.8	1378.9	57.5	1378.9	57.5	91.9
BU0753-39	346	106100	1.9	11.0592	1.9	3.0407	2.6	0.2439	1.8	0.69	1406.9	22.2	1417.9	19.6	1434.5	35.7	1434.5	35.7	98.1
BU0753-35	424	143840	2.6	11.0548	1.2	3.0008	2.5	0.2406	2.2	0.88	1389.8	27.0	1407.8	18.8	1435.2	22.7	1435.2	22.7	96.8
BU0753-78	294	129340	1.9	10.9306	4.5	2.9084	4.6	0.2306	1.0	0.22	1337.5	12.1	1384.1	34.6	1456.7	84.9	1456.7	84.9	91.8
BU0753-36	983	211975	8.8	10.4475	1.5	2.6735	4.4	0.2026	4.1	0.94	1189.1	44.6	1321.2	32.4	1542.2	28.6	1542.2	28.6	77.1
BU0753-58	177	66040	2.0	10.3789	1.3	3.6273	1.8	0.2730	1.3	0.71	1556.2	17.6	1555.5	14.3	1554.6	23.8	1554.6	23.8	100.1
BU0753-74	739	157525	1.7	10.1940	2.2	3.6581	2.5	0.2705	1.3	0.49	1543.1	17.2	1562.3	20.2	1588.2	41.3	1588.2	41.3	97.2
BU0753-85	825	325180	2.0	10.0785	2.9	3.9271	3.0	0.2871	1.0	0.33	1626.8	14.4	1619.3	24.5	1609.5	53.3	1609.5	53.3	101.1
BU0753-30	162	81005	2.1	10.0697	1.9	3.5787	2.8	0.2614	2.1	0.74	1496.8	28.1	1544.8	22.5	1611.1	35.6	1611.1	35.6	92.9
BU0753-42	317	184185	1.8	9.9906	2.3	3.5775	3.4	0.2592	2.4	0.73	1485.9	32.4	1544.6	26.6	1625.8	42.8	1625.8	42.8	91.4
BU0753-48	338	178535	2.2	9.8232	2.6	3.9083	2.8	0.2784	1.1	0.39	1583.5	15.3	1615.4	22.8	1657.2	48.2	1657.2	48.2	95.6
BU0753-14	430	324955	5.1	9.7047	4.8	4.2363	4.9	0.2982	1.2	0.24	1682.2	17.5	1681.1	40.5	1679.6	88.5	1679.6	88.5	100.2
BU0753-96	480	82185	1.4	9.5105	2.3	3.8852	2.6	0.2680	1.2	0.45	1530.6	15.9	1610.6	21.1	1716.9	42.8	1716.9	42.8	89.2
BU0753-	264	11824	2.5	9.3391	1.0	4.3561	1.7	0.2951	1.0	0.8	1666.	20.7	1704.1	14.3	1750.	18.3	1750.2	18.3	95.2

29		5		4				1	4	2	8			2					
BU0753-40	295	154835	1.1	6.4002	2.8	8.9788	3.4	0.4168	1.9	0.56	2245.9	36.0	2335.9	30.8	2415.4	47.4	2415.4	47.4	93.0
BU0753-56	947	387665	2.9	6.3392	2.0	8.1926	5.3	0.3767	5.0	0.93	2060.7	87.3	2252.5	48.4	2431.6	34.1	2431.6	34.1	84.7
BU0753-61	386	233695	2.2	6.3008	1.0	9.0582	2.3	0.4139	2.1	0.90	2232.9	39.8	2343.9	21.4	2441.9	16.9	2441.9	16.9	91.4
BU0753-34	314	206995	2.2	6.2035	1.3	9.1910	2.8	0.4135	2.5	0.89	2231.0	47.5	2357.2	25.9	2468.3	21.8	2468.3	21.8	90.4
BU0753-23	551	271230	1.9	6.1581	1.3	9.7681	2.3	0.4363	1.9	0.84	2333.9	37.2	2413.1	21.0	2480.7	21.1	2480.7	21.1	94.1
BU0753-87	677	315440	1.2	5.9675	1.1	9.7660	3.6	0.4227	3.4	0.95	2272.6	65.9	2413.0	33.3	2533.6	18.5	2533.6	18.5	89.7
BU0753-11	112	101680	1.5	5.1865	2.1	12.1980	3.5	0.4588	2.8	0.80	2434.4	56.8	2619.8	32.8	2766.3	34.3	2766.3	34.3	88.0
BU0753-43	316	259345	1.4	5.1802	1.2	12.9152	1.5	0.4852	1.0	0.65	2550.0	21.1	2673.5	14.6	2768.3	19.4	2768.3	19.4	92.1
BU0753-57	170	123100	2.1	5.0834	1.4	13.9840	2.9	0.5156	2.5	0.87	2680.3	54.2	2748.6	27.1	2799.2	23.4	2799.2	23.4	95.8
BU0753-65	178	125915	1.3	5.0291	1.5	14.1115	1.9	0.5147	1.2	0.61	2676.7	25.6	2757.2	18.3	2816.7	25.0	2816.7	25.0	95.0
BU0753-91	145	82980	1.8	5.0269	1.0	13.9814	2.1	0.5097	1.9	0.88	2655.5	41.1	2748.4	20.3	2817.4	16.3	2817.4	16.3	94.3
BU0753-50	237	122220	2.0	5.0156	1.1	13.7120	1.7	0.4988	1.3	0.74	2608.6	26.8	2730.0	15.9	2821.1	18.3	2821.1	18.3	92.5
BU0753-8	159	135985	1.8	4.9864	2.9	15.3755	3.1	0.5561	1.0	0.32	2850.3	23.0	2838.8	29.3	2830.6	47.5	2830.6	47.5	100.7
BU0753-55	131	153895	1.7	4.8071	2.6	16.4822	3.4	0.5746	2.3	0.67	2926.8	54.1	2905.2	33.0	2890.2	41.6	2890.2	41.6	101.3
BU0754-73	1064	829550	0.9	17.205	2.6	0.4397	3.5	0.0548	2.4	0.68	344.2	7.9	370.0	10.8	534.9	56.1	344.2	7.9	NA
BU0754-98	381	8015	1.0	13.8617	550	0.5702	17.4	0.0573	3.3	0.19	359.4	11.5	458.2	64.1	989.3	349.1	359.4	11.5	NA
BU0754-58	1895	21875	3.1	17.4987	2.9	0.4850	3.1	0.0616	1.3	0.40	385.1	4.7	401.5	10.4	497.2	63.5	385.1	4.7	NA
BU0754-56	946	24565	2.2	15.7264	1.7	0.5533	3.3	0.0631	2.8	0.86	394.5	10.8	447.2	11.8	727.9	35.7	394.5	10.8	NA
BU0754-44	827	84140	1.0	17.6595	1.3	0.5009	4.2	0.0642	4.0	0.95	400.9	15.4	412.3	14.1	477.0	29.4	400.9	15.4	NA
BU0754-3	1233	90935	2.1	17.4111	2.3	0.5100	2.7	0.0644	1.4	0.52	402.3	5.5	418.5	9.2	508.2	50.4	402.3	5.5	NA
BU0754-37	629	67090	1.8	17.3775	1.3	0.5161	2.4	0.0650	2.0	0.83	406.3	7.8	422.6	8.3	512.5	29.5	406.3	7.8	NA
BU0754-26	1113	39035	2.4	16.5840	4.5	0.5443	6.2	0.0655	4.5	0.63	408.8	16.9	441.2	22.2	614.3	97.2	408.8	16.9	NA
BU0754-62	618	104270	2.6	17.6110	3.1	0.5342	5.4	0.0682	4.5	0.82	425.5	18.4	434.6	19.3	483.1	68.7	425.5	18.4	NA

BU0754-54	2750	144760	2.7	17.3743	2.7	0.5448	6.9	0.0687	6.4	0.92	428.0	26.4		441.6	24.8	512.9	59.8	428.0	26.4	NA
BU0754-84	1026	183125	12.1	16.3689	3.1	0.5977	3.3	0.0710	1.3	0.37	441.9	5.3		475.8	12.7	642.4	66.4	441.9	5.3	NA
BU0754-69	3796	314085	14.5	17.6775	1.4	0.5547	2.3	0.0711	1.9	0.80	442.9	7.9		448.1	8.4	474.7	31.0	442.9	7.9	NA
BU0754-82	2161	274810	3.2	17.7527	3.4	0.5548	4.1	0.0712	2.4	0.57	444.8	10.1		448.1	15.0	465.4	75.6	444.8	10.1	NA
BU0754-7	6634	447625	47.9	17.3777	2.2	0.5673	3.1	0.0712	2.1	0.69	445.2	9.2		456.3	11.4	512.5	49.2	445.2	9.2	NA
BU0754-65	853	113000	1.3	17.2399	2.6	0.5735	2.7	0.0712	1.0	0.36	446.4	4.3		460.3	10.2	529.9	56.1	446.4	4.3	NA
BU0754-79	1059	191320	13.5	17.2075	3.6	0.5783	5.4	0.0722	4.0	0.75	449.3	17.5		463.4	20.0	534.0	77.7	449.3	17.5	NA
BU0754-50	7036	527080	100.2	17.8000	2.5	0.5662	3.3	0.0731	2.1	0.63	454.8	9.1		455.6	12.0	459.5	55.9	454.8	9.1	NA
BU0754-89	1610	187290	19.3	17.8032	1.3	0.5666	2.2	0.0732	1.8	0.81	455.1	7.8		455.8	8.0	459.1	28.4	455.1	7.8	NA
BU0754-88	765	101750	3.7	17.4383	2.1	0.5791	2.3	0.0732	1.0	0.44	455.7	4.5		463.9	8.6	504.8	45.6	455.7	4.5	NA
BU0754-18	1701	150745	4.7	17.4288	2.0	0.5819	3.4	0.0732	2.6	0.87	457.5	12.0		465.7	12.6	506.0	43.8	457.5	12.0	NA
BU0754-90	1188	150260	1.5	17.1381	2.3	0.5920	4.1	0.0733	3.4	0.83	457.7	15.0		472.1	15.4	542.9	49.4	457.7	15.0	NA
BU0754-30	3711	221115	1.0	17.5727	2.0	0.5774	3.1	0.0733	2.6	0.75	457.8	10.3		462.8	11.4	487.9	44.6	457.8	10.3	NA
BU0754-52	3001	325495	56.7	17.7060	2.3	0.5731	2.5	0.0733	2.6	0.40	457.8	4.4		460.0	9.1	471.2	49.8	457.8	4.4	NA
BU0754-60	863	299380	52.1	17.6848	2.6	0.5740	4.0	0.0733	2.6	0.74	458.0	13.0		460.6	14.6	473.8	58.4	458.0	13.0	NA
BU0754-97	601	126325	14.9	17.0443	3.6	0.6014	4.2	0.0742	2.1	0.50	462.3	9.3		478.2	16.0	554.9	79.4	462.3	9.3	NA
BU0754-67	668	528151	1.3	17.4109	2.3	0.5888	3.0	0.0742	1.4	0.62	462.4	8.1		470.1	11.1	508.3	51.3	462.4	8.1	NA
BU0754-29	2059	154695	2.2	17.7209	1.0	0.5791	2.4	0.0742	2.4	0.91	462.8	9.6		463.9	8.9	469.3	22.1	462.8	9.6	NA
BU0754-95	994	124280	0.8	17.5048	2.5	0.5873	3.7	0.0742	2.6	0.75	463.6	12.3		469.1	13.9	496.4	54.4	463.6	12.3	NA
BU0754-81	751	156440	3.6	17.2359	3.7	0.6047	3.8	0.0752	1.6	0.26	469.8	4.5		480.2	14.5	530.4	80.2	469.8	4.5	NA
BU0754-80	549	93240	14.7	16.5250	3.6	0.6309	4.1	0.0752	2.6	0.51	469.9	9.5		496.7	16.2	622.0	76.6	469.9	9.5	NA
BU0754-75	1670	207595	7.4	17.6370	1.8	0.5913	2.9	0.0752	2.6	0.80	470.0	10.7		471.7	11.1	479.8	38.9	470.0	10.7	NA
BU0754-10	3756	102350	2.4	17.5001	1.0	0.5962	2.3	0.0752	2.7	0.90	470.2	9.4		474.8	8.7	497.0	22.1	470.2	9.4	NA
BU0754-53	136	136151	1.0	15.1395	7.8	0.6900	7.9	0.0752	1.8	0.14	470.8	4.9		532.8	32.7	808.0	163.6	470.8	4.9	NA
BU0754-4	183	13410	1.9	17.411.8	0.6030	2.3	0.0761	1.0	0.60	473.1	6.8		479.2	9.0	508.1	40.0	473.1	6.8	NA	

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BU0754-78	1145	277455	47.8	17.6395	3.9	0.5967	4.0	0.0763	1.0	0.25	474.3	4.6	475.2	15.3	479.5	86.2	474.3	4.6	NA				
BU0754-17	168	17920	1.1	16.8897	1.7	0.6251	3.0	0.0766	2.5	0.82	475.6	11.2	493.0	11.7	574.7	37.6	475.6	11.2	NA				
BU0754-92	2666	331625	21.9	17.8016	2.6	0.5932	3.1	0.0766	1.6	0.52	475.7	7.4	472.9	11.6	459.3	58.1	475.7	7.4	NA				
BU0754-8	4305	496475		17.6766	2.0	0.5993	3.9	0.0768	3.4	0.86	477.2	15.6	476.8	15.0	474.9	44.2	477.2	15.6	NA				
BU0754-21	1745	185385	5.6	17.5415	2.0	0.6040	2.4	0.0768	1.4	0.56	477.3	6.3	479.8	9.3	491.8	44.3	477.3	6.3	NA				
BU0754-59	3133	350620	68.1	17.3566	4.2	0.6144	4.9	0.0773	2.5	0.50	480.2	11.4	486.3	19.0	515.1	93.2	480.2	11.4	NA				
BU0754-63	9775	175505	14.7	17.1950	4.0	0.6216	5.2	0.0775	3.4	0.65	481.3	15.8	490.8	20.4	535.6	87.4	481.3	15.8	NA				
BU0754-23	2072	179685	22.2	17.4880	1.2	0.6199	3.0	0.0786	2.7	0.91	487.9	12.8	489.8	11.6	498.5	26.9	487.9	12.8	NA				
BU0754-34	1719	176680	1.0	17.4688	7.4	0.6207	7.5	0.0786	1.2	0.15	488.0	5.4	490.3	29.2	501.0	163.6	488.0	5.4	NA				
BU0754-77	188535	41.7	41.7	17.0766	6.6	0.6368	7.8	0.0789	4.2	0.53	489.4	19.7	500.3	30.9	550.7	144.4	489.4	19.7	NA				
BU0754-87	393	654855	5.2	17.3565	2.1	0.6273	2.5	0.0790	1.3	0.55	490.0	6.3	494.4	9.6	515.1	45.3	490.0	6.3	NA				
BU0754-57	598	853105	5.0	16.8152	4.7	0.6522	4.8	0.0795	1.0	0.21	493.3	4.7	509.8	19.2	584.3	101.7	493.3	4.7	NA				
BU0754-15	4381	400600	44.9	17.4877	1.6	0.6272	1.9	0.0795	1.2	0.59	493.4	5.5	494.3	7.6	498.6	34.6	493.4	5.5	NA				
BU0754-76	118160	682	1.5	17.2752	5.7	0.6458	5.8	0.0809	1.0	0.17	501.6	4.8	505.9	22.9	525.4	124.4	501.6	4.8	95.5				
BU0754-6	1544	167650	1.5	17.5757	1.7	0.6377	2.0	0.0813	1.0	0.50	503.8	4.8	500.9	7.9	487.5	38.0	503.8	4.8	103.3				
BU0754-2	414	433250	0.8	17.3538	1.4	0.6479	2.5	0.0815	2.1	0.82	505.4	10.1	507.2	10.1	515.5	31.4	505.4	10.1	98.0				
BU0754-96	125895	469	6.5	16.8392	3.2	0.6840	3.3	0.0835	1.0	0.30	517.2	5.0	529.2	13.6	581.2	68.4	517.2	5.0	89.0				
BU0754-22	1347	138420	10.5	17.3182	4.4	0.6810	6.2	0.0855	4.4	0.70	529.1	22.1	527.4	25.5	520.0	97.0	529.1	22.1	101.7				
BU0754-99	259	710051.5	15	16.954.3	0.7009	4.8	0.0862	2.0	0.42	532.8	10.3	539.3	20.0	566.8	94.5	532.8	10.3	94.0					
BU0754-40	7297	159085	46.5	13.5583	2.0	0.9062	2.5	0.0891	1.5	0.60	550.3	8.0	655.0	12.3	1034.8	41.2	550.3	8.0	53.2				
BU0754-91	696	858256.9		12.2511	3.6	1.0481	4.0	0.0931	1.1	0.45	574.0	10.1	728.0	21.0	1236.5	70.6	574.0	10.1	46.4				
BU0754-45	1582	174385	15.1	16.6364	1.0	0.8149	1.4	0.0983	1.3	0.71	604.6	5.8	605.2	6.4	607.5	21.6	604.6	5.8	99.5				
BU0754-27	633	400703.7		14.5604	2.0	0.9750	3.7	0.1030	3.1	0.85	631.7	18.9	691.0	18.5	889.1	40.4	631.7	18.9	71.1				
BU0754-46	448	754954.9		15.9138	2.6	0.9636	2.8	0.1112	1.0	0.36	679.8	6.5	685.2	13.8	702.8	54.9	679.8	6.5	96.7				

BU0754-43	1222	209120	4.0	14.7526	1.5	1.1460	2.1	0.1226	1.5	0.70	745.6	10.2		775.4	11.2	862.0	30.7	745.6	10.2	86.5
BU0754-86	623	221340	6.1	14.2590	1.4	1.2338	2.5	0.1276	2.1	0.83	774.1	15.0		816.1	13.9	932.2	28.5	774.1	15.0	83.0
BU0754-28	186	34315	0.5	15.0244	2.2	1.2053	2.6	0.1313	1.5	0.56	795.5	10.9		803.0	14.4	824.0	45.1	795.5	10.9	96.5
BU0754-16	383	60000	1.3	14.7413	2.0	1.2579	3.6	0.1345	3.0	0.84	813.4	23.2		827.0	20.4	863.5	40.5	813.4	23.2	94.2
BU0754-24	125	17360	0.7	14.6075	4.6	1.2945	4.8	0.1371	1.4	0.30	828.5	11.2		843.3	27.6	882.4	95.3	828.5	11.2	93.9
BU0754-72	836	163875	0.6	14.6431	2.6	1.2920	3.2	0.1372	1.9	0.60	828.9	14.9		842.2	18.4	877.4	53.2	828.9	14.9	94.5
BU0754-74	158	38905	0.9	14.5088	1.9	1.3423	2.2	0.1412	1.0	0.46	851.7	8.0		864.2	12.6	896.4	39.6	851.7	8.0	95.0
	104	129470		13.8485	2.3	1.4077	3.7	0.1414	2.9	0.79	852.5	23.5		892.2	22.2	991.8	47.0	852.5	23.5	86.0
BU0754-1	0	0	2.4																	
BU0754-64	117	44640	1.1	14.3822	4.8	1.4097	5.9	0.1470	3.5	0.59	884.4	29.0		893.0	35.1	914.5	97.8	884.4	29.0	96.7
BU0754-55	224	83850	1.8	14.7553	2.1	1.3842	2.8	0.1481	1.9	0.67	890.5	15.5		882.2	16.3	861.6	42.5	890.5	15.5	103.4
BU0754-68	486	147600	1.8	14.1503	1.3	1.4448	1.7	0.1483	1.0	0.60	891.3	8.3		907.7	9.9	947.9	27.0	891.3	8.3	94.0
BU0754-33	1992	327540	5.7	14.4467	1.1	1.4692	1.5	0.1539	1.0	0.67	923.0	8.6		917.8	9.0	905.3	22.9	923.0	8.6	0
BU0754-11	4870	128641	1.3	14.1476	1.2	1.5281	1.5	0.1568	1.0	0.66	939.0	8.7		941.7	9.4	948.3	23.5	939.0	8.7	99.0
BU0754-42	236	46775	1.4	14.0988	3.2	1.6134	3.4	0.1650	1.2	0.34	984.4	10.8		975.4	21.6	955.3	66.1	984.4	10.8	0
BU0754-39	311	81425	2.3	13.7257	1.8	1.6071	2.1	0.1600	1.1	0.52	956.7	9.7		973.0	13.0	1009.9	35.9	1009.9	35.9	94.7
BU0754-51	797	120840	4.5	13.3297	2.1	1.7500	2.3	0.1692	1.0	0.43	1007.6	9.3		1027.2	15.0	1069.0	42.0	1069.0	42.0	94.3
BU0754-93	516	138820	1.1	12.4785	1.8	1.7321	3.5	0.1568	3.0	0.86	938.7	25.9		1020.5	22.2	1200.4	34.7	1200.4	34.7	78.2
BU0754-14	2367	317895	6.1	12.4456	2.0	1.6804	2.2	0.1517	1.0	0.45	910.4	8.5		1001.1	14.0	1205.6	38.6	1205.6	38.6	75.5
BU0754-20	1630	280515	2.4	11.8336	1.3	2.1658	5.0	0.1859	4.9	0.97	1099.0	49.2		1170.1	35.0	1304.2	25.2	1304.2	25.2	84.3
BU0754-66	497	198040	3.4	11.2805	2.2	2.0072	6.6	0.1642	6.2	0.94	980.2	56.7		1118.0	44.9	1396.6	42.6	1396.6	42.6	70.2
BU0754-83	96	66190	1.1	11.0927	3.9	2.6851	4.0	0.2160	1.0	0.25	1260.8	11.5		1324.4	29.4	1428.7	73.5	1428.7	73.5	88.3
BU0754-35	1334	28520	1.9	10.9068	3.0	1.1059	3.3	0.0875	1.4	0.42	540.6	7.2		756.2	17.6	1460.9	56.8	1460.9	56.8	37.0
BU0754-71	225	91795	0.8	9.9887	1.3	3.9401	2.3	0.2854	2.0	0.84	1618.7	27.9		1622.0	18.8	1626.2	23.6	1626.2	23.6	99.5
BU0754-5	296	110450	0.8	9.5367	1.1	4.3768	1.8	0.3027	1.4	0.80	1704.8	21.4		1708.0	14.8	1711.8	19.7	1711.8	19.7	99.6
BU0754-	477	15753	5.4	9.3271.1	1.1	3.1522	3.5	0.2133.	0.9	1246.	37.7		1445.5	27.1	1752.	20.9	1752.5	20.9	71.1	

94		5		5				2	3	5	1			5					
BU0754-100	246	149310	1.3	9.0719	1.3	4.2381	2.7	0.2788	2.4	0.88	1585.6	33.2	1681.4	22.1	1803.2	23.6	1803.2	23.6	87.9
BU0754-25	327	160200	1.2	8.9928	1.0	4.8786	1.5	0.3182	1.1	0.73	1780.9	16.8	1798.6	12.4	1819.1	18.2	1819.1	18.2	97.9
BU0754-13	75	525650	0.8	5.9750	1.0	11.1116	1.4	0.4815	1.0	0.70	2533.9	21.0	2532.5	13.2	2531.4	16.8	2531.4	16.8	100.1
BU0754-31	745	351545	1.1	5.9392	1.2	10.4365	1.6	0.4496	1.0	0.63	2393.3	20.0	2474.3	14.7	2541.5	20.6	2541.5	20.6	94.2
BU0754-32	114	446355	3.6	5.8718	1.3	9.2333	1.6	0.3932	1.0	0.64	2137.7	18.7	2361.4	14.8	2560.6	20.9	2560.6	20.9	83.5
BU0755-15	166	159031	1.3	13.9409	2.2	1.6308	3.0	0.1649	2.0	0.68	983.9	18.5	982.2	18.7	978.3	44.4	978.3	44.4	100.6
BU0755-12	419	325564	4.0	13.7342	1.8	1.7098	2.8	0.1703	2.1	0.77	1013.8	20.1	1012.2	17.8	1008.7	35.9	1008.7	35.9	100.5
BU0755-30	703	381151	1.0	13.7213	2.3	1.6337	2.9	0.1626	1.7	0.59	971.1	15.5	983.3	18.3	1010.6	47.5	1010.6	47.5	96.1
BU0755-52	109	110282	1.5	13.6980	1.5	1.6635	1.9	0.1653	1.1	0.59	985.9	10.1	994.7	11.8	1014.0	30.4	1014.0	30.4	97.2
BU0755-60	871	364444	4.6	13.5224	2.1	1.5833	2.9	0.1553	1.9	0.67	930.5	16.7	963.7	17.9	1040.1	43.0	1040.1	43.0	89.5
BU0755-13	453	484412	2.8	13.4786	1.7	1.8191	3.0	0.1778	2.5	0.83	1055.1	24.3	1052.4	19.8	1046.7	34.3	1046.7	34.3	100.8
BU0755-61	138	347108	3.7	13.1059	2.1	1.6841	3.9	0.1601	3.3	0.84	957.2	29.2	1002.5	24.8	1103.0	41.8	1103.0	41.8	86.8
BU0755-20	87	8781	1.1	12.9237	3.9	1.8965	4.2	0.1778	1.5	0.36	1054.6	14.9	1079.9	28.0	1130.9	78.2	1130.9	78.2	93.3
BU0755-92	331	402303.5	3.5	12.7937	0.8	1.8206	2.5	0.1689	2.4	0.95	1006.2	22.5	1052.9	16.7	1151.0	15.9	1151.0	15.9	87.4
BU0755-98	150	140251.1	2.4	12.7921	2.4	1.9047	2.9	0.1767	1.7	0.58	1049.0	16.1	1082.7	19.2	1151.3	46.7	1151.3	46.7	91.1
BU0755-16	646	708662.8	2.5	12.7032	2.5	2.2255	3.0	0.2050	1.5	0.51	1202.3	16.7	1189.1	20.7	1165.1	50.4	1165.1	50.4	103.2
BU0755-25	418	422254.0	1.8	12.6418	1.0	2.1871	1.6	0.2005	1.2	0.76	1178.2	13.1	1176.9	11.2	1174.7	20.6	1174.7	20.6	100.3
BU0755-1	412	3761418.8	1.9	12.6092	2.2136	2.4	0.2024	1.5	0.63	1188.4	16.2	1185.3	16.6	1179.8	36.6	1179.8	36.6	100.7	
BU0755-55	258	20424191.8	1.9	12.5998	2.1085	2.5	0.1927	1.7	0.66	1135.9	17.2	1151.6	17.1	1181.3	36.8	1181.3	36.8	96.2	
BU0755-85	407	210270.9	1.8	12.4189	1.9355	2.8	0.1743	2.1	0.76	1035.9	20.4	1093.4	18.8	1209.8	36.1	1209.8	36.1	85.6	
BU0755-91	103	109919	4.5	12.3032	1.5	2.0077	4.2	0.1791	3.9	0.94	1062.3	38.6	1118.1	28.6	1228.2	29.3	1228.2	29.3	86.5
BU0755-97	360	261001.7	1.2	12.1590	2.0507	2.1	0.1808	1.8	0.83	1071.5	17.4	1132.5	14.5	1251.3	23.3	1251.3	23.3	85.6	
BU0755-7	665	328354.9	1.9	12.1336	1.9	1.9834	2.5	0.1745	1.7	0.66	1037.1	15.9	1109.9	16.9	1255.4	36.6	1255.4	36.6	82.6

BU0755-67	265	24114	2.1	11.98	28	2.6	2.0011	6.4	0.173	9	5.	9	0.9	2	1033.	6	56.4		1115.9	43.6	1279.	8	49.9	1279.8	49.9	80.8	
BU0755-63	373	40155	1.5	11.94	98	2.5	2.3391	4.6	0.202	7	3.	8	0.8	4	1189.	9	41.6		1224.2	32.5	1285.	2	48.5	1285.2	48.5	92.6	
BU0755-103	292	31890	1.7	11.83	05	1.4	2.3589	2.6	0.202	4	2.	4	0.8	2	1188.	2	23.8		1230.3	18.6	1304.	7	27.6	1304.7	27.6	91.1	
BU0755-23	157	68043	2.5	11.80	29	2.4	2.2423	4.6	0.191	9	4.	0	0.8	6	1131.	9	41.5		1194.4	32.6	1309.	2	45.6	1309.2	45.6	86.5	
BU0755-68	191	23424	2.6	11.60	13	1.4	2.1439	3.5	0.180	4	3.	2	0.9	2	1069.	1	31.7		1163.1	24.2	1342.	6	26.1	1342.6	26.1	79.6	
BU0755-59	887	75828	10.0	11.45	46	1.4	2.4205	2.7	0.201	1	2.	4	0.8	7	1181.	1	25.8		1248.7	19.8	1367.	1	26.2	1367.1	26.2	86.4	
BU0755-57	248	49236	2.0	11.40	88	2.1	2.6175	4.1	0.216	6	3.	5	0.8	5	1263.	8	39.9		1305.6	29.9	1374.	8	40.8	1374.8	40.8	91.9	
BU0755-100	271	35274	2.6	11.37	08	1.9	2.5854	2.9	0.213	2	2.	6	0.7	9	1245.	9	25.3		1296.5	21.5	1381.	3	36.7	1381.3	36.7	90.2	
BU0755-62	959	127680	1.9	11.31	91	2.5	2.6068	3.8	0.214	0	2.	8	0.7	5	1250.	1	32.3		1302.6	27.8	1390.	0	48.2	1390.0	48.2	89.9	
BU0755-19	564	52974	5.0	11.31	87	2.8	2.8881	3.1	0.237	1	1.	4	0.4	5	1371.	5	17.5		1378.8	23.6	1390.	1	53.4	1390.1	53.4	98.7	
BU0755-8	146	15993	1.8	11.29	77	1.9	2.9231	2.1	0.239	5	0.	9	0.4	4	1384.	2	11.5		1387.9	15.9	1393.	6	36.3	1393.6	36.3	99.3	
BU0755-44	511	87723	8.3	11.29	10	1.1	2.8442	4.8	0.232	9	4.	7	0.9	7	1349.	7	56.8		1367.3	36.0	1394.	8	20.7	1394.8	20.7	96.8	
BU0755-95	615	73974	3.1	11.20	58	1.0	2.7853	2.9	0.226	4	2.	7	0.9	4	1315.	4	32.6		1351.6	21.8	1409.	3	19.0	1409.3	19.0	93.3	
BU0755-47	277	46713	1.9	11.10	89	1.7	2.9717	3.7	0.239	4	3.	8	0.8	7	1383.	7	40.7		1400.4	28.1	1425.	9	32.9	1425.9	32.9	97.0	
BU0755-6	462	52821	1.6	11.10	24	1.5	3.0679	1.9	0.247	0	1.	3	0.6	5	1423.	1	16.0		1424.7	14.7	1427.	0	27.7	1427.0	27.7	99.7	
BU0755-29	655	71892	8.2	11.05	30	0.9	3.0228	2.0	0.242	3	1.	7	0.8	8	1398.	7	21.6		1413.4	14.9	1435.	5	17.7	1435.5	17.7	97.4	
BU0755-87	106	119970	1.5	10.93	07	1.2	2.5127	3.5	0.199	2	3.	4	0.9	0	1171.	0	34.8		1275.7	25.2	1456.	7	23.2	1456.7	23.2	80.4	
BU0755-71	497	61350	1.9	10.79	06	3.0	2.6349	3.3	0.206	2	1.	5	0.4	6	1208.	6	16.6		1310.4	24.4	1481.	2	55.9	1481.2	55.9	81.6	
BU0755-43	121	142023	6	10.55	37	1.7	2.9972	5.0	0.229	4	0.	7	0.9	4	1331.	4	57.0		1406.9	38.3	1523.	2	31.5	1523.2	31.5	87.4	
BU0755-39	150	123649	5	10.45	76	1.5	3.4740	2.1	0.263	5	1.	5	0.7	0	1507.	6	19.6		1521.3	16.3	1540.	4	27.6	1540.4	27.6	97.9	
BU0755-41	371	37356	1.4	10.45	05	2.5	2.8950	5.9	0.219	4	5.	3	0.9	0	1278.	8	61.7		1380.6	44.5	1541.	7	47.8	1541.7	47.8	83.0	
BU0755-84	256	28323	1.6	10.37	96	1.1	3.1400	1.9	0.236	4	1.	6	0.8	1	1367.	8	19.5		1442.6	15.0	1554.	5	21.4	1554.5	21.4	88.0	
BU0755-83	157	25803	1.9	10.09	76	1.4	3.5044	1.7	0.256	6	1.	0	0.5	8	1472.	7	13.4		1528.2	13.8	1606.	0	26.5	1606.0	26.5	91.7	
BU0755-18	269	55611	1.6	10.08	40	1.4	3.9229	3.8	0.286	9	3.	5	0.9	3	1626.	1	50.9		1618.4	30.8	1608.	5	25.9	1608.5	25.9	101.1	
BU0755-	123	13653	1.0	10.04	2.7	3.7548	3.0	0.273	1	0.	4	0.4	1558.	1	19.8		1583.1	24.2	1616.	49.4	1616.0	49.4	96.4				

35				35				5	4	7	6			0					
BU0755-42	1323	70467	4.6	10.0052	1.5	3.4241	1.8	0.2485	0.9	0.52	1430.6	11.9	1509.9	13.9	1623.1	28.1	1623.1	28.1	88.1
BU0755-82	3078	136590	1.8	9.8541	1.7	2.9100	2.4	0.2080	1.7	0.72	1218.0	19.2	1384.5	18.2	1651.4	31.0	1651.4	31.0	73.8
BU0755-9	501	80769	1.9	9.8512	1.7	4.1124	1.9	0.2938	0.8	0.42	1660.6	11.9	1656.8	15.7	1651.9	32.3	1651.9	32.3	100.5
BU0755-49	591	35034	1.6	9.8412	2.4	2.9954	4.3	0.2138	3.6	0.84	1249.0	41.1	1406.5	32.9	1653.8	43.6	1653.8	43.6	75.5
BU0755-40	1665	85818	1.5	9.8313	2.5	3.1266	3.9	0.2229	3.0	0.76	1297.4	34.9	1439.2	30.0	1655.7	46.7	1655.7	46.7	78.4
BU0755-88	1903	126819	4.3	9.8133	1.1	3.4536	3.4	0.2458	3.2	0.94	1416.8	40.7	1516.7	26.7	1659.1	20.6	1659.1	20.6	85.4
BU0755-102	339	54513	2.4	9.8107	1.5	3.6930	1.9	0.2628	1.2	0.63	1504.0	16.1	1569.9	15.2	1659.5	27.2	1659.5	27.2	90.6
BU0755-77	191	34566	2.4	9.8099	2.7	3.5246	3.5	0.2508	2.1	0.62	1442.4	27.7	1532.7	27.4	1659.7	50.6	1659.7	50.6	86.9
BU0755-104	138	26352	1.9	9.7960	2.5	3.7358	2.5	0.2654	0.6	0.24	1517.5	8.1	1579.1	20.3	1662.3	45.6	1662.3	45.6	91.3
BU0755-22	1752	68841	5.3	9.7039	1.9	3.5231	2.6	0.2480	1.8	0.68	1427.9	23.2	1532.4	20.9	1679.8	35.7	1679.8	35.7	85.0
BU0755-75	2193	163491	2.0	9.7025	2.2	3.1948	3.2	0.2248	2.3	0.73	1307.3	27.5	1455.9	24.5	1680.0	39.7	1680.0	39.7	77.8
BU0755-80	1247	141441	3.1	9.6685	1.1	3.5355	2.7	0.2479	2.4	0.92	1427.7	31.1	1535.2	21.0	1686.5	19.6	1686.5	19.6	84.7
BU0755-58	965	30672	0.9	9.6655	3.2	3.3841	4.6	0.2372	3.3	0.73	1372.3	41.2	1500.7	35.9	1687.1	58.1	1687.1	58.1	81.3
BU0755-34	502	62634	2.0	9.6433	2.1	4.0890	2.9	0.2860	2.0	0.68	1621.4	28.0	1652.1	23.3	1691.3	38.5	1691.3	38.5	95.9
BU0755-4	734	110946	2.3	9.5031	1.2	4.4172	2.5	0.3044	2.2	0.88	1713.3	32.6	1715.6	20.5	1718.3	22.1	1718.3	22.1	99.7
BU0755-24	581	65424	1.1	9.4783	4.5	4.3056	5.2	0.2960	2.7	0.52	1671.3	39.8	1694.4	43.1	1723.1	82.3	1723.1	82.3	97.0
BU0755-79	131	22347	1.8	9.4205	1.6	4.2441	2.2	0.2900	1.5	0.68	1641.4	21.9	1682.6	18.2	1734.3	29.6	1734.3	29.6	94.6
BU0755-26	436	70902	1.3	9.4133	0.9	4.5142	1.5	0.3082	1.2	0.78	1731.8	17.6	1733.6	12.4	1735.7	17.1	1735.7	17.1	99.8
BU0755-31	252	29676	1.5	9.3906	2.0	4.3500	2.3	0.2963	1.1	0.49	1672.8	16.5	1702.9	18.9	1740.2	36.5	1740.2	36.5	96.1
BU0755-54	800	81492	7.3	9.3660	2.2	4.3823	2.3	0.2977	0.8	0.35	1679.8	12.1	1709.0	19.3	1745.0	40.1	1745.0	40.1	96.3
BU0755-96	296	41841	1.8	9.3613	0.7	3.9454	1.4	0.2679	1.2	0.86	1530.0	16.5	1623.0	11.4	1745.9	13.4	1745.9	13.4	87.6
BU0755-64	333	43131	1.4	9.3541	1.1	4.3017	2.3	0.2918	2.0	0.88	1650.7	29.4	1693.7	18.9	1747.3	19.8	1747.3	19.8	94.5
BU0755-76	402	60693	1.9	9.3473	0.8	4.0656	1.3	0.2756	1.0	0.78	1569.2	14.5	1647.4	10.8	1748.6	15.2	1748.6	15.2	89.7
BU0755-45	632	62742	1.6	9.3377	1.3	3.4932	4.4	0.2366	4.2	0.95	1368.9	52.0	1525.7	35.0	1750.5	24.5	1750.5	24.5	78.2

BU0755-73	662	36849	2.4	9.3295	1.7	3.9306	2.8	0.2660	2.	0.80	1520.3	30.2	1620.0	22.5	1752.1	30.2	1752.1	30.2	86.8
BU0755-56	511	72309	2.6	9.3281	1.3	4.3914	1.4	0.2971	0.	0.35	1676.9	7.4	1710.7	11.4	1752.4	23.6	1752.4	23.6	95.7
BU0755-65	150	31737	1.9	9.3265	1.6	4.3234	2.1	0.2924	1.	0.65	1653.7	20.1	1697.8	17.5	1752.7	29.5	1752.7	29.5	94.4
BU0755-11	1126	193056	3.8	9.2940	1.0	4.5120	3.5	0.3041	3.	0.96	1711.8	51.0	1733.2	29.4	1759.1	18.3	1759.1	18.3	97.3
BU0755-86	681	58224	1.7	9.2936	1.1	4.2687	2.2	0.2877	1.	0.89	1630.2	27.2	1687.4	18.0	1759.2	20.1	1759.2	20.1	92.7
BU0755-3	1001	130212	1.2	9.2866	1.8	4.5931	2.4	0.3094	1.	0.66	1737.5	23.9	1748.0	20.1	1760.5	33.5	1760.5	33.5	98.7
BU0755-28	461	85266	1.0	9.2775	1.7	4.6667	2.3	0.3140	1.	0.66	1760.4	24.3	1761.3	19.2	1762.3	30.3	1762.3	30.3	99.9
BU0755-27	203	27615	1.0	9.2717	2.0	4.1301	4.0	0.2777	3.	0.87	1579.9	48.6	1660.3	32.6	1763.5	35.8	1763.5	35.8	89.6
BU0755-69	1146	134838	1.3	9.2680	2.5	3.9411	3.0	0.2649	1.	0.58	1514.9	23.6	1622.2	24.6	1764.2	45.3	1764.2	45.3	85.9
BU0755-10	192	41307	1.5	9.2626	2.2	4.8124	2.8	0.3233	1.	0.61	1805.8	27.2	1787.1	23.8	1765.3	40.9	1765.3	40.9	102.3
BU0755-37	743	74610	1.3	9.2148	4.5	4.0202	6.0	0.2687	4.	0.67	1534.1	54.9	1638.3	49.1	1774.7	82.2	1774.7	82.2	86.4
BU0755-33	328	37038	2.2	9.1910	3.4	4.4454	3.7	0.2963	1.	0.45	1673.5	21.8	1720.9	30.7	1779.4	61.9	1779.4	61.9	94.0
BU0755-74	9919	138489	0.9	9.1813	1.6	4.1183	2.5	0.2742	1.	0.76	1562.3	26.6	1657.9	20.6	1781.4	29.9	1781.4	29.9	87.7
BU0755-36	305	29253	1.5	9.1678	1.9	4.0813	4.2	0.2714	3.	0.97	1547.7	51.5	1650.6	34.0	1784.0	33.7	1784.0	33.7	86.8
BU0755-2	292	41046	1.8	9.0374	1.5	4.5281	3.6	0.2968	3.	0.92	1675.4	47.8	1736.1	29.6	1810.1	26.9	1810.1	26.9	92.6
BU0755-21	69	13890	1.3	9.0135	1.8	4.9154	3.3	0.3213	2.	0.84	1796.2	43.1	1804.9	27.5	1814.9	31.8	1814.9	31.8	99.0
BU0755-89	411	31977	1.7	8.9674	1.7	3.4836	8.1	0.2266	8.	0.90	1316.5	94.9	1523.5	64.3	1824.2	30.5	1824.2	30.5	72.2
BU0755-17	413	51081	0.8	8.9316	2.5	4.1195	3.4	0.2668	2.	0.64	1524.8	32.0	1658.2	28.1	1831.5	45.3	1831.5	45.3	83.3
BU0755-14	200	37824	1.8	8.2481	1.1	5.9725	3.4	0.3573	3.	0.92	1969.3	53.8	1971.9	29.3	1974.5	20.0	1974.5	20.0	99.7
BU0755-90	588	68880	2.3	7.2336	1.2	6.3661	2.8	0.3340	2.	0.96	1857.7	41.6	2027.6	24.8	2205.3	20.1	2205.3	20.1	84.2
BU0755-93	336	66012	5.4	7.0748	2.0	7.4392	2.3	0.3817	1.	0.53	2084.3	22.8	2165.7	21.0	2243.8	33.9	2243.8	33.9	92.9
BU0755-38	865	89772	10.7	6.9968	4.9	6.5380	4.9	0.3318	0.	0.19	1847.0	14.9	2051.0	43.5	2262.9	83.7	2262.9	83.7	81.6
BU0755-46	312	48606	2.2	6.4839	1.3	7.4424	3.7	0.3500	3.	0.95	1934.5	58.5	2166.1	33.6	2393.3	22.8	2393.3	22.8	80.8
BU0755-51	852	169875	2.1	6.3805	1.8	9.0448	2.2	0.4186	1.	0.53	2253.9	23.8	2342.5	20.0	2420.6	30.4	2420.6	30.4	93.1
BU0755-	122	16885	5.6	6.3142	2.1	7.4440	3.0	0.3402	2.	0.7	1891.	35.1	2166.3	27.0	2438.	36.1	2438.3	36.1	77.6

66	6	5		5				9	1	1	1			3					
BU0755-101	124	29958	1.5	6.1828	1.3	9.3117	3.3	0.4176	3.0	0.92	2249.4	57.0	2369.2	29.8	2473.9	21.1	2473.9	21.1	90.9
BU0755-94	238	54609	3.2	6.0182	1.8	9.5559	2.1	0.4171	1.2	0.57	2247.3	23.1	2392.9	19.8	2519.3	29.7	2519.3	29.7	89.2
BU0755-53	299	73377	1.7	6.0000	2.7	10.0442	3.7	0.4371	2.5	0.68	2337.6	49.6	2438.9	34.4	2524.4	45.9	2524.4	45.9	92.6
BU0755-72	377	67599	1.4	5.9405	1.5	9.2756	1.8	0.3996	0.9	0.53	2167.3	16.9	2365.6	16.1	2541.2	25.0	2541.2	25.0	85.3
BU0755-48	700	217626	2.6	4.2428	2.3	19.5692	2.6	0.6022	1.3	0.48	3038.6	31.0	3070.3	25.5	3091.1	36.9	3091.1	36.9	98.3
BU0818-87	425	16020	0.9	14.4605	1.9	1.1951	2.4	0.1253	1.4	0.58	761.2	9.9	798.3	13.2	903.3	39.9	761.2	9.9	84.3
BU0818-3	1348	32804	12.0	13.9069	3.1	1.2969	3.1	0.1308	0.5	0.16	792.5	3.7	844.4	18.0	983.3	63.2	792.5	3.7	80.6
BU0818-29	535	32150	12.3	14.6441	1.7	1.2423	2.0	0.1319	1.0	0.50	799.0	7.3	819.9	11.0	877.3	35.2	799.0	7.3	91.1
BU0818-60	636	33220	2.0	14.7403	2.3	1.2450	3.5	0.1331	2.7	0.77	805.5	20.5	821.1	19.9	863.7	47.3	805.5	20.5	93.3
BU0818-21	541	16358	3.4	14.8112	2.4	1.2495	2.4	0.1342	0.5	0.20	811.9	3.8	823.2	13.8	853.8	49.8	811.9	3.8	95.1
BU0818-67	1952	83088	21.9	14.0453	3.8	1.3257	3.9	0.1350	0.9	0.23	816.6	6.7	857.0	22.6	963.1	77.6	816.6	6.7	84.8
BU0818-17	325	19112	1.1	13.5620	2.3	1.4178	2.8	0.1395	1.5	0.54	841.6	11.8	896.5	16.5	1034.2	46.9	841.6	11.8	81.4
BU0818-98	174	5554	2.7	13.5162	2.3	1.4301	4.2	0.1402	3.5	0.84	845.8	27.9	901.6	25.2	1041.0	46.7	845.8	27.9	81.2
BU0818-4	179	11900	1.4	14.5692	2.7	1.3577	2.8	0.1435	0.8	0.28	864.2	6.4	870.9	16.4	887.9	55.6	864.2	6.4	97.3
BU0818-23	778	58982	18.1	14.0291	1.6	1.4113	3.1	0.1436	2.7	0.87	865.0	21.9	893.7	18.6	965.5	31.6	865.0	21.9	89.6
BU0818-25	300	8150	2.5	13.8397	3.1	1.4331	3.3	0.1439	1.1	0.33	866.4	8.9	902.9	19.9	993.1	63.8	866.4	8.9	87.2
BU0818-90	308	13578	1.4	14.6777	1.0	1.3559	1.3	0.1443	0.9	0.68	869.1	7.4	870.1	7.8	872.5	20.4	869.1	7.4	99.6
BU0818-33	774	44676	2.8	14.0885	1.7	1.4273	1.8	0.1458	0.7	0.39	877.6	5.8	900.4	10.9	956.8	34.4	877.6	5.8	91.7
BU0818-61	385	26568	3.2	13.9778	2.7	1.4420	2.8	0.1462	0.8	0.28	879.6	6.5	906.6	17.0	973.0	55.5	879.6	6.5	90.4
BU0818-89	257	17734	1.6	14.7633	1.9	1.3888	2.4	0.1487	1.5	0.63	893.7	12.6	884.2	14.2	860.5	38.9	893.7	12.6	103.9
BU0818-8	683	41246	8.8	14.2886	2.1	1.4453	2.7	0.1498	1.8	0.66	899.7	14.9	907.9	16.3	928.0	42.1	899.7	14.9	97.0
BU0818-47	390	26518	2.3	14.4607	1.4	1.4413	1.5	0.1512	0.6	0.40	907.5	5.2	906.3	9.2	903.3	29.1	907.5	5.2	100.5
BU0818-103	147	8868	2.0	14.3718	1.5	1.4503	2.4	0.1512	1.8	0.78	907.5	15.5	910.0	14.1	916.0	30.4	907.5	15.5	99.1

BU0818-48	198	14072	0.9	14.05 73	1.3	1.4917	1.6	0.152 1	0. 9	0.5 7	912.6	8.0		927.0	10.0	961.4	27.4	912.6	8.0	94.9
BU0818-38	76	7454	0.6	14.19 38	3.2	1.4892	3.7	0.153 3	1. 9	0.5 0	919.4	15.9		926.0	22.3	941.6	65.0	919.4	15.9	97.6
BU0818-18	291	17274	1.1	13.95 22	2.7	1.5473	2.8	0.156 6	0. 8	0.3 0	937.7	7.2		949.4	17.3	976.7	54.6	937.7	7.2	96.0
BU0818-73	684	32394	2.9	13.73 82	1.2	1.5797	2.1	0.157 4	1. 7	0.8 1	942.3	14.6		962.3	12.8	1008. 1	24.4	942.3	14.6	93.5
BU0818-96	167 7	79340	11.8	13.67 08	0.9	1.5911	1.0	0.157 8	0. 5	0.5 1	944.3	4.7		966.7	6.5	1018. 1	18.0	944.3	4.7	92.8
BU0818-44	533	42592	3.1	13.89 14	1.3	1.5989	1.6	0.161 1	1. 0	0.6 1	962.8	8.6		969.8	9.9	985.6	25.5	962.8	8.6	97.7
BU0818-32	934	55436	13.4	13.84 64	2.1	1.6065	2.2	0.161 3	0. 6	0.2 7	964.2	5.4		972.8	13.8	992.2	43.1	964.2	5.4	97.2
BU0818-77	536	33894	6.5	14.03 70	0.6	1.5869	2.1	0.161 6	2. 0	0.9 6	965.4	17.6		965.1	12.8	964.3	12.3	965.4	17.6	100. 1
BU0818-88	241	17148	1.0	13.81 39	1.1	1.6520	1.3	0.165 5	0. 6	0.5 0	987.3	5.8		990.3	7.9	997.0	22.1	987.3	5.8	99.0
BU0818-94	362	19184	3.0	13.53 78	1.7	1.6958	2.0	0.166 5	1. 0	0.4 8	992.8	8.7		1007.0	12.7	1037. 8	35.2	992.8	8.7	95.7
BU0818-86	574	35990	9.1	13.81 17	1.6	1.7031	1.9	0.170 6	1. 1	0.5 8	1015. 4	10.5		1009.7	12.3	997.2	31.7	1015.4	10.5	101. 8
BU0818-7	153	13496	1.3	13.72 99	2.1	1.7158	2.2	0.170 9	0. 5	0.2 3	1016. 8	4.7		1014.4	13.9	1009. 3	42.7	1016.8	4.7	100. 7
BU0818-12	174	15352	3.5	12.65 93	2.7	2.1167	2.9	0.194 3	1. 1	0.3 9	1144. 9	12.0		1154.3	20.0	1172. 0	52.7	1172.0	52.7	97.7
BU0818-58	826	90562	1.6	10.89 99	2.3	2.7253	2.7	0.215 4	1. 4	0.5 1	1257. 8	15.9		1335.4	20.2	1462. 1	44.5	1462.1	44.5	86.0
BU0818-91	558	57766	2.3	10.60 71	1.0	3.3485	1.5	0.257 6	1. 1	0.7 6	1477. 5	14.8		1492.4	11.6	1513. 6	18.3	1513.6	18.3	97.6
BU0818-64	374	45230	2.3	10.22 23	1.8	3.4760	2.0	0.257 7	0. 9	0.4 5	1478. 1	12.2		1521.8	16.0	1583. 1	33.9	1583.1	33.9	93.4
BU0818-34	285	31136	2.2	10.08 55	1.0	3.7738	1.2	0.276 0	0. 7	0.5 6	1571. 4	9.6		1587.2	9.9	1608. 2	19.1	1608.2	19.1	97.7
BU0818-92	700	43334	1.4	10.08 33	0.7	3.2385	0.9	0.236 8	0. 5	0.5 9	1370. 2	6.3		1466.4	6.7	1608. 6	13.1	1608.6	13.1	85.2
BU0818-39	299	34156	2.6	10.08 24	1.3	3.5506	4.3	0.259 6	4. 1	0.9 5	1488. 0	54.7		1538.6	34.2	1608. 8	23.9	1608.8	23.9	92.5
BU0818-54	307	38846	0.9	10.00 38	1.4	3.5950	1.7	0.260 8	0. 9	0.5 7	1494. 1	12.5		1548.4	13.1	1623. 4	25.3	1623.4	25.3	92.0
BU0818-49	453	24440	1.3	9.985 7	1.7	3.6947	2.1	0.267 6	1. 3	0.6 0	1528. 5	17.0		1570.2	16.8	1626. 7	31.3	1626.7	31.3	94.0
BU0818-110	263	20202	1.1	9.969 5	2.0	3.8374	2.1	0.277 5	0. 5	0.2 4	1578. 6	7.0		1600.6	16.8	1629. 8	37.6	1629.8	37.6	96.9
BU0818-69	135 4	11662 6	4.5	9.536 5	2.3	3.8230	2.8	0.264 4	1. 6	0.5 7	1512. 4	21.3		1597.6	22.2	1711. 8	41.6	1711.8	41.6	88.3
BU0818-106	100 2	61788	32.6	9.487 5	3.2	4.0343	3.3	0.277 6	0. 8	0.2 5	1579. 3	11.5		1641.1	26.6	1721. 3	58.1	1721.3	58.1	91.7
BU0818-	381	42786	1.3	9.440	2.8	4.3631	2.9	0.298	0.	0.2	1685.	9.9		1705.4	23.9	1730.	51.6	1730.5	51.6	97.4

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BU0818-36	497	22572	2.7	9.3860	1.5	3.9560	2.5	0.2693	2.1	0.81	1537.2	28.0	1625.2	20.4	1741.1	26.8	1741.1	26.8	88.3
BU0818-101	1406	24342	2.3	9.1047	1.7	3.9614	2.4	0.2616	1.7	0.72	1498.0	23.0	1626.3	19.3	1796.6	30.1	1796.6	30.1	83.4
BU0818-78	545	68038	7.7	9.0930	1.0	4.8601	2.2	0.3205	2.0	0.90	1792.3	31.6	1795.4	18.9	1799.0	17.8	1799.0	17.8	99.6
BU0818-41	303	39690	3.3	9.0355	2.0	4.6019	2.5	0.3016	1.5	0.58	1699.1	21.7	1749.6	20.7	1810.5	36.7	1810.5	36.7	93.8
BU0818-42	339	27890	8.8	8.8392	1.1	4.0847	2.2	0.2619	1.9	0.86	1499.4	25.3	1651.3	18.0	1850.3	20.6	1850.3	20.6	81.0
BU0818-56	402	34970	4.9	8.8337	2.1	4.5226	2.5	0.2898	1.4	0.54	1640.3	19.8	1735.1	21.0	1851.4	38.3	1851.4	38.3	88.6
BU0818-109	427	23678	2.5	8.7951	1.5	4.0644	2.4	0.2593	1.9	0.78	1486.0	25.5	1647.2	20.0	1859.3	27.5	1859.3	27.5	79.9
BU0818-31	170	20786	2.7	8.7931	1.9	4.7897	2.9	0.3055	2.2	0.76	1718.3	32.9	1783.1	24.0	1859.8	33.4	1859.8	33.4	92.4
BU0818-102	260	28894	2.0	8.7691	1.9	5.2556	1.9	0.3343	0.5	0.26	1859.0	8.1	1861.7	16.4	1864.7	33.6	1864.7	33.6	99.7
BU0818-75	97	8074	1.8	8.7656	2.2	4.5124	2.4	0.2869	1.2	0.47	1625.9	16.5	1733.3	20.3	1865.4	38.9	1865.4	38.9	87.2
BU0818-27	157	23786	2.7	8.7140	2.0	4.9632	2.4	0.3137	1.4	0.58	1758.8	21.7	1813.1	20.7	1876.1	36.1	1876.1	36.1	93.7
BU0818-52	521	49636	4.6	8.7067	1.3	4.9730	1.7	0.3140	1.2	0.67	1760.5	17.9	1814.7	14.7	1877.6	23.3	1877.6	23.3	93.8
BU0818-93	1257	68124	10.6	8.7063	1.7	4.3875	2.0	0.2770	1.0	0.54	1576.5	15.2	1710.0	16.6	1877.7	30.3	1877.7	30.3	84.0
BU0818-45	740	97120	16.9	8.6013	1.1	5.4482	1.4	0.3399	0.9	0.64	1886.1	14.9	1892.5	12.2	1899.5	19.6	1899.5	19.6	99.3
BU0818-65	198	37852	2.5	8.5970	1.9	4.9679	2.8	0.3098	2.0	0.73	1739.5	30.6	1813.9	23.4	1900.4	34.2	1900.4	34.2	91.5
BU0818-53	659	83892	6.9	8.4858	1.5	5.4820	1.7	0.3374	0.7	0.41	1874.1	11.2	1897.8	14.5	1923.8	27.6	1923.8	27.6	97.4
BU0818-83	308	1226	1.7	8.4768	8.3	4.4005	8.6	0.2705	2.4	0.28	1543.5	33.2	1712.4	71.6	1925.8	148.8	1925.8	148.8	80.2
BU0818-16	467	61836	7.7	8.3562	1.3	5.2024	1.8	0.3153	1.3	0.62	1766.7	18.4	1853.0	15.0	1951.3	23.2	1951.3	23.2	90.5
BU0818-50	136	26484	1.3	7.9885	1.4	5.8617	1.8	0.3396	1.1	0.62	1884.8	18.6	1955.6	15.9	2031.3	25.5	2031.3	25.5	92.8
BU0818-6	146	27562	1.3	7.8261	3.6	6.4529	3.7	0.3663	0.8	0.22	2011.8	13.7	2039.5	32.2	2067.6	63.1	2067.6	63.1	97.3
BU0818-59	287	46434	1.8	7.8003	2.0	6.2827	2.2	0.3554	1.0	0.43	1960.5	16.1	2016.0	19.4	2073.4	35.2	2073.4	35.2	94.6
BU0818-35	1023	124360	4.0	7.6999	1.2	6.4825	1.3	0.3620	0.5	0.39	1991.7	8.7	2043.5	11.6	2096.2	21.3	2096.2	21.3	95.0
BU0818-76	1011	139066	5.7	7.6489	1.8	6.4778	2.0	0.3594	0.7	0.36	1979.1	11.9	2042.9	17.3	2107.9	32.3	2107.9	32.3	93.9
BU0818-80	76	16762	1.2	7.6007	1.6	7.1550	1.8	0.3944	0.8	0.45	2143.3	15.1	2130.9	16.4	2119.0	28.8	2119.0	28.8	101.1

BU0818-82	442	56886	1.9	7.5633	1.1	7.1566	1.2	0.3926	0.5	0.41	2134.7	9.1	2131.1	10.8	2127.6	19.4	2127.6	19.4	100.3
BU0818-10	223	38536	2.0	7.0920	1.0	7.5445	2.1	0.3881	0.88	0.87	2113.8	32.4	2178.3	18.5	2239.6	17.5	2239.6	17.5	94.4
BU0818-97	320	21504	1.9	6.4551	1.4	6.9177	2.9	0.3239	0.86	0.89	1808.6	40.7	2100.9	25.8	2400.9	23.0	2400.9	23.0	75.3
BU0818-22	245	26126	3.5	6.4365	1.7	6.5125	2.8	0.3040	0.82	0.80	1711.2	33.4	2047.6	24.5	2405.8	28.4	2405.8	28.4	71.1
BU0818-63	1129	120880	5.1	6.3266	3.3	8.3937	3.9	0.3851	0.50	0.53	2100.2	36.4	2274.5	35.1	2435.0	55.8	2435.0	55.8	86.3
BU0818-79	81	14216	1.2	6.3040	1.7	9.0678	2.1	0.4146	0.63	0.62	2235.9	24.9	2344.9	19.3	2441.1	28.0	2441.1	28.0	91.6
BU0818-28	133	13044	2.1	6.2505	1.3	7.1836	3.8	0.3257	0.97	0.94	1817.3	56.9	2134.5	34.2	2455.5	22.6	2455.5	22.6	74.0
BU0818-71	169	44102	1.8	6.1736	1.0	10.4604	1.3	0.4684	0.69	0.67	2476.4	18.3	2476.4	12.3	2476.4	16.5	2476.4	16.5	100.0
BU0818-62	76	16828	1.7	6.1663	0.6	10.0390	1.2	0.4490	0.81	0.88	2390.7	21.6	2438.4	11.4	2478.4	10.0	2478.4	10.0	96.5
BU0818-43	427	63204	2.0	6.1593	1.2	9.6386	1.6	0.4306	0.69	0.60	2308.3	18.2	2400.9	14.3	2480.3	20.9	2480.3	20.9	93.1
BU0818-19	226	20958	4.6	6.1301	0.9	8.0111	1.4	0.3562	0.71	0.75	1964.0	17.8	2232.3	12.7	2488.3	15.7	2488.3	15.7	78.9
BU0818-46	444	63646	2.2	6.1277	1.2	10.3370	1.5	0.4594	0.69	0.60	2436.9	17.9	2465.4	13.6	2489.0	19.7	2489.0	19.7	97.9
BU0818-99	265	48564	1.7	6.1216	1.3	10.6915	1.5	0.4747	0.77	0.48	2504.1	14.9	2496.7	14.0	2490.7	22.2	2490.7	22.2	100.5
BU0818-51	519	64712	3.5	6.0999	1.0	9.4084	3.5	0.4162	0.94	0.96	2243.4	63.5	2378.6	32.0	2496.7	16.5	2496.7	16.5	89.9
BU0818-84	678	114946	1.9	6.0947	2.0	10.1803	2.3	0.4500	0.41	0.47	2395.3	21.8	2451.3	21.2	2498.1	34.0	2498.1	34.0	95.9
BU0818-40	181	23468	1.4	6.0851	1.2	9.7343	2.1	0.4296	0.87	0.81	2303.9	33.3	2410.0	19.5	2500.8	20.9	2500.8	20.9	92.1
BU0818-11	102	23950	1.7	6.0371	2.0	10.7996	2.3	0.4729	0.52	0.51	2496.1	24.8	2506.0	21.7	2514.1	33.6	2514.1	33.6	99.3
BU0818-55	468	51730	6.4	6.0088	1.2	7.9203	2.8	0.3452	0.95	0.90	1911.5	41.5	2222.0	25.2	2522.0	20.8	2522.0	20.8	75.8
BU0818-37	205	46458	1.8	5.9959	1.8	10.7166	2.4	0.4660	0.66	0.67	2466.1	33.4	2498.9	22.7	2525.6	30.6	2525.6	30.6	97.6
BU0818-100	755	108532	2.6	5.9808	0.5	10.8443	0.7	0.4704	0.65	0.69	2485.3	10.3	2509.9	6.8	2529.8	8.9	2529.8	8.9	98.2
BU0818-9	143	20690	1.4	5.9599	1.4	10.8748	1.6	0.4701	0.77	0.47	2483.8	14.4	2512.5	14.6	2535.7	23.7	2535.7	23.7	98.0
BU0818-14	99	30822	2.5	5.9566	3.1	10.3717	3.3	0.4481	0.31	0.34	2386.7	22.1	2468.5	30.2	2536.6	51.3	2536.6	51.3	94.1
BU0818-57	345	61934	3.5	5.9484	2.4	10.0046	2.7	0.4316	0.22	0.45	2313.0	23.3	2435.2	24.7	2538.9	40.1	2538.9	40.1	91.1
BU0818-95	390	69842	1.1	5.9188	0.7	11.0793	1.3	0.4756	0.81	0.86	2508.1	23.1	2529.8	12.0	2547.3	11.1	2547.3	11.1	98.5
BU0818-	530	67396	1.7	5.5161	1.7	10.8742	2.7	0.4352	0.72	0.70	2328.40.1	40.1	2512.4	24.9	2664.	28.5	2664.5	28.5	87.4

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BU0818-13	572	44160	4.1	5.4996	2.8	10.8070	3.8	0.4311	2.6	0.68	2310.5	50.1	2506.7	35.3	2669.6	46.0	2669.6	46.0	86.5
BU0818-24	275	75888	5.2	4.6554	1.2	15.4595	1.6	0.5220	1.1	0.69	2707.6	24.3	2844.0	15.2	2942.1	18.7	2942.1	18.7	92.0
BU0818-74	218	18626	2.7	3.8172	2.6	16.8120	2.8	0.4654	1.2	0.42	2463.5	24.2	2924.2	27.1	3258.6	40.5	3258.6	40.5	75.6
BU0818-85	302	32558	1.4	3.3545	1.4	21.5902	2.3	0.5253	1.9	0.79	2721.5	41.1	3165.5	22.7	3460.4	22.2	3460.4	22.2	78.6
BU0818-66	1251	264420	4.8	3.3163	2.4	25.4210	3.8	0.6114	3.0	0.78	3075.7	73.4	3324.5	37.6	3478.1	37.2	3478.1	37.2	88.4
BU0872-21	267	10440	2.1	17.4923	4.7	0.6623	4.9	0.0840	1.3	0.26	520.1	6.3	516.0	19.8	498.0	104.1	520.1	6.3	104.4
BU0872-4	636	26188	1.7	17.1873	2.2	0.7141	3.1	0.0890	2.2	0.70	549.7	11.4	547.2	13.1	536.6	48.4	549.7	11.4	102.4
BU0872-19	501	21856	1.4	15.2448	2.6	1.1475	3.1	0.1269	1.8	0.57	770.0	12.8	776.1	16.8	793.5	53.5	770.0	12.8	97.0
BU0872-22	282	18836	0.9	15.1493	1.3	1.2118	1.6	0.1330	0.8	0.54	805.8	6.4	806.0	8.7	806.7	27.7	805.8	6.4	99.9
BU0872-17	345	16778	2.2	14.7801	2.8	1.2442	5.8	0.1334	5.1	0.88	807.1	38.9	820.8	32.8	858.1	57.6	807.1	38.9	94.1
BU0872-14	2085	78854	5.4	14.6661	3.6	1.2989	4.3	0.1382	2.3	0.53	834.3	17.8	845.2	24.6	874.2	75.4	834.3	17.8	95.4
BU0872-8	320	15316	3.3	14.4044	3.6	1.3410	4.0	0.1401	1.7	0.43	845.2	13.7	863.7	23.3	911.3	74.4	845.2	13.7	92.7
BU0872-1	2009	98618	3.0	12.6681	1.7	2.0095	2.5	0.1846	1.9	0.75	1092.2	19.1	1118.7	17.3	1170.6	33.6	1170.6	33.6	93.3
BU0872-3	374	34454	2.3	12.5765	2.3	2.1698	3.5	0.1979	2.7	0.77	1164.1	29.1	1171.4	24.6	1185.0	44.5	1185.0	44.5	98.2
BU0872-20	673	43852	1.2	12.4945	1.8	2.0219	2.6	0.1832	1.9	0.73	1084.6	19.3	1122.9	18.0	1197.9	35.7	1197.9	35.7	90.5
BU0872-11	310	20638	4.8	9.0544	2.0	4.6401	2.4	0.3047	1.4	0.59	1714.6	21.5	1756.5	20.2	1806.7	35.5	1806.7	35.5	94.9
BU0872-6	717	86814	0.6	6.0385	2.5	10.2039	2.5	0.4469	0.5	0.20	2381.4	10.0	2453.4	23.2	2513.7	41.4	2513.7	41.4	94.7
BU08135-101	7022	86340	22.9	17.0513	2.4	0.5170	3.4	0.0639	2.4	0.70	399.5	9.2	423.1	11.8	554.0	53.2	399.5	9.2	72.1
BU08135-66	5337	141570	11.0	17.9041	1.6	0.5209	2.0	0.0676	1.3	0.64	421.9	5.3	425.8	7.0	446.5	34.5	421.9	5.3	94.5
BU08135-62	1289	11558	1.8	16.5981	2.9	0.5979	3.1	0.0720	1.3	0.40	448.0	5.4	475.9	11.9	612.5	62.1	448.0	5.4	73.2
BU08135-50	558	13792	1.2	16.8762	3.0	0.6019	5.0	0.0737	4.0	0.80	458.2	17.8	478.4	19.1	576.5	64.6	458.2	17.8	79.5
BU08135-70	243	8724	2.4	17.4202	2.5	0.6031	2.9	0.0762	1.5	0.50	473.4	6.7	479.2	11.2	507.1	55.6	473.4	6.7	93.4

BU08135-13	273	9350	8.6	17.84	20	1.8	0.5896	1.9	0.076	3	0.	6	0.3	2	474.0	2.8		470.6	7.1	454.3	39.7	474.0	2.8	104.	3	
BU08135-92	105	30604	2.3	17.33	26	0.9	0.6270	1.0	0.078	8	0.	5	0.4	9	489.1	2.4		494.2	4.0	518.2	19.8	489.1	2.4	94.4		
BU08135-25	115	16528	2.3	16.99	98	1.6	0.6461	2.5	0.079	7	2.	0	0.7	8	494.1	9.3		506.0	10.0	560.6	34.1	494.1	9.3	88.1		
BU08135-95	308	9642	1.2	17.56	85	2.7	0.6372	3.4	0.081	2	2.	0	0.6	0	503.2	9.8		500.6	13.4	488.4	59.8	503.2	9.8	103.	0	
BU08135-36	605	16404	1.9	17.38	45	1.1	0.6465	1.2	0.081	5	0.	6	0.4	7	505.1	2.8		506.3	4.9	511.6	24.1	505.1	2.8	98.7		
BU08135-1	658	27212	4.0	17.38	91	1.4	0.6678	1.7	0.084	2	1.	0	0.6	1	521.3	5.2		519.4	7.0	511.0	29.9	521.3	5.2	102.	0	
BU08135-37	776	21404	2.1	17.49	52	2.1	0.6776	2.1	0.086	0	0.	5	0.2	4	531.7	2.6		525.3	8.7	497.6	45.2	531.7	2.6	106.	8	
BU08135-16	336	9764	3.1	16.39	38	1.0	0.7402	1.9	0.088	0	1.	7	0.8	6	543.7	8.7		562.5	8.4	639.2	21.5	543.7	8.7	85.1		
BU08135-72	133	38774	10.8	16.49	91	1.0	0.8100	1.3	0.096	9	0.	9	0.6	4	596.4	4.8		602.5	6.0	625.4	21.8	596.4	4.8	95.4		
BU08135-82	103	34818	13.6	16.23	81	1.0	0.8477	1.6	0.099	8	1.	2	0.7	9	613.4	7.3		623.4	7.3	659.7	20.4	613.4	7.3	93.0		
BU08135-96	479	11712	0	15.50	57	1.3	0.9519	2.0	0.107	0	1.	5	0.7	6	655.6	9.4		679.1	9.8	757.8	27.0	655.6	9.4	86.5		
BU08135-17	278	6392	1.4	15.47	81	1.3	0.9635	2.7	0.108	2	2.	4	0.8	8	662.1	15.0		685.1	13.5	761.6	27.4	662.1	15.0	86.9		
BU08135-69	110	6366	2.6	15.90	87	2.0	0.9835	2.3	0.113	5	1.	2	0.5	1	692.9	7.8		695.4	11.8	703.4	43.0	692.9	7.8	98.5		
BU08135-77	304	13604	1.4	15.56	77	0.8	1.0060	1.5	0.113	6	1.	3	0.8	3	693.5	8.4		706.8	7.7	749.4	17.7	693.5	8.4	92.5		
BU08135-2	109	39590	12.8	14.86	08	1.3	1.0696	1.5	0.115	3	0.	8	0.5	5	703.3	5.5		738.5	7.9	846.8	26.0	703.3	5.5	83.1		
BU08135-23	300	14964	2.3	15.88	34	2.3	1.0512	2.3	0.121	1	0.	5	0.2	2	736.9	3.5		729.5	12.0	706.8	47.9	736.9	3.5	104.	2	
BU08135-40	134	5956	1.7	15.63	19	1.4	1.0918	1.9	0.123	8	1.	3	0.7	0	752.3	9.4		749.4	10.0	740.7	28.6	752.3	9.4	101.	6	
BU08135-21	276	9210	1.7	15.37	70	2.0	1.1227	2.2	0.125	2	0.	9	0.4	1	760.5	6.5		764.3	11.7	775.4	41.9	760.5	6.5	98.1		
BU08135-9	107	5354	0.7	15.56	13	1.6	1.1341	2.1	0.128	0	1.	4	0.6	6	776.4	10.1		769.7	11.3	750.2	33.2	776.4	10.1	103.	5	
BU08135-28	291	18624	1.6	15.26	72	1.1	1.1606	1.6	0.128	5	1.	2	0.7	4	779.3	8.6		782.2	8.7	790.4	22.5	779.3	8.6	98.6		
BU08135-71	260	13158	2.5	13.67	38	2.1	1.3606	3.0	0.134	9	2.	1	0.7	1	816.0	16.3		872.1	17.6	1017.	6	42.9	816.0	16.3	80.2	
BU08135-39	363	18360	5.1	14.95	90	0.8	1.2954	0.9	0.140	5	0.	5	0.5	3	847.7	4.0		843.7	5.4	833.1	16.6	847.7	4.0	101.	8	
BU08135-8	108	49060	3.2	13.64	95	1.4	1.4447	1.7	0.143	0	1.	1	0.6	2	861.7	8.7		907.7	10.4	1021.	2	27.6	861.7	8.7	84.4	
BU08135-67	585	42350	7.6	13.49	57	2.3	1.5017	5.2	0.147	0	4.	7	0.9	0	884.0	38.7		931.1	31.8	1044.	1	45.8	884.0	38.7	84.7	
BU08135-	504	30914	10.0	13.80	1.0	1.5975	1.5	0.159	1.	0.7	956.2	9.6			969.2	9.1	998.8	19.7	998.8	19.7	95.7					

75					15				9	1	4											
BU08135-73	342	21936	2.8	13.79	18	1.4	1.6028	1.5	0.160	0.	0.4						1000.	2	27.9	1000.2	27.9	95.8
BU08135-99	167	10246	2.0	13.75	86	1.7	1.7318	1.8	0.172	0.	0.3	1027.	6	5.4			1005.	1	34.7	1005.1	34.7	102.2
BU08135-5	403	31936	1.0	13.53	74	2.9	1.8496	3.4	0.181	1.	0.5	1075.	7	17.1			1037.	9	58.4	1037.9	58.4	103.6
BU08135-84	600	33888	3.0	13.52	28	0.8	1.6382	1.0	0.160	0.	0.5	960.5	4.6				1040.	1	16.8	1040.1	16.8	92.4
BU08135-12	50	3472	0.5	13.47	79	2.6	1.8796	4.7	0.183	3.	0.8	1087.	3	38.3			1046.	8	53.2	1046.8	53.2	103.9
BU08135-55	372	23588	7.3	13.27	08	1.1	1.8486	1.5	0.177	1.	0.6	1055.	7	9.3			1077.	9	22.3	1077.9	22.3	97.9
BU08135-35	114	8220	1.1	13.20	91	1.0	1.9427	1.2	0.186	0.	0.4	1100.	3	5.7			1087.	3	21.0	1087.3	21.0	101.2
BU08135-79	54	3810	1.0	13.12	01	3.6	1.9651	3.8	0.187	1.	0.3	1105.	0	14.2			1100.	8	71.6	1100.8	71.6	100.4
BU08135-63	192	16082	0.8	13.10	23	1.2	1.8819	1.7	0.178	1.	0.6	1060.	6	10.9			1103.	6	24.5	1103.6	24.5	96.1
BU08135-26	305	21746	1.6	13.05	11	1.3	1.9287	2.2	0.182	1.	0.8	1081.	0	18.1			1111.	3	26.4	1111.3	26.4	97.3
BU08135-31	830	53678	10.2	13.04	50	1.2	1.9888	1.5	0.188	0.	0.5	1111.	4	8.2			1112.	3	24.2	1112.3	24.2	99.9
BU08135-11	205	10532		13.04	29	1.7	1.6694	3.5	0.157	3.	0.8	945.2	27.3				1112.	6	33.4	1112.6	33.4	85.0
BU08135-88	335	23376	9.6	13.01	29	1.3	1.9704	1.4	0.186	0.	0.4	1099.	5	6.1			1117.	2	26.0	1117.2	26.0	98.4
BU08135-93	798	19968	2.5	13.01	24	1.4	1.9155	2.1	0.180	1.	0.7	1071.	2	14.6			1117.	3	28.8	1117.3	28.8	95.9
BU08135-68	414	34372	4.0	13.00	42	1.7	1.7408	2.2	0.164	1.	0.6	980.0	12.4				1118.	6	34.3	1118.6	34.3	87.6
BU08135-51	338	21776	5.9	12.95	16	1.3	1.7909	1.9	0.168	1.	0.7	1002.	3	12.2			1126.	6	26.5	1126.6	26.5	89.0
BU08135-34	447	44094	4.1	12.92	98	1.1	2.0371	2.4	0.191	2.	0.9	1126.	9	22.2			1130.	0	21.4	1130.0	21.4	99.7
BU08135-97	112	16826	34.6	12.92	94	2.1	1.4452	2.2	0.135	0.	0.4						1130.	1	40.9	1130.1	40.9	72.5
BU08135-15	397	30058	2.8	12.92	42	0.9	1.9695	1.7	0.184	1.	0.8	1092.	1	14.7			1130.	8	18.2	1130.8	18.2	96.6
BU08135-56	490	32294	6.9	12.88	37	1.2	1.9674	1.4	0.183	0.	0.4	1087.	9	6.7			1137.	1	23.5	1137.1	23.5	95.7
BU08135-41	239	16600	1.5	12.84	76	1.4	2.0586	1.5	0.191	0.	0.3	1131.	2	5.3			1142.	7	28.6	1142.7	28.6	99.0
BU08135-32	463	41744	4.4	12.84	21	0.8	1.7990	1.0	0.167	0.	0.5	998.6	5.0				1143.	5	15.9	1143.5	15.9	87.3
BU08135-89	442	28040	4.5	12.82	63	2.1	1.9226	2.7	0.178	1.	0.6	1060.	7	16.6			1146.	0	42.3	1146.0	42.3	92.6
BU08135-100	58	5298	0.9	12.82	43	1.8	2.1043	2.0	0.195	0.	0.4	1152.	3	9.0			1146.	3	35.7	1146.3	35.7	100.5

BU08135-90	999	59746	12.3	12.81 88	1.0	1.8846	1.1	0.175 2	0. 5	0.4 5	1040. 7	4.8		1075.7	7.3	1147. 1	19.5	1147.1	19.5	90.7
BU08135-76	108	6862	1.1	12.81 67	1.6	1.8383	1.8	0.170 9	0. 6	0.3 5	1017. 0	5.8		1059.3	11.5	1147. 5	32.6	1147.5	32.6	88.6
BU08135-18	139 7	75262	7.8	12.70 97	1.1	1.8833	1.5	0.173 6	1. 0	0.6 8	1031. 9	9.5		1075.2	9.8	1164. 1	21.4	1164.1	21.4	88.6
BU08135-7	430	19368	3.7	12.68 71	2.8	1.9610	2.9	0.180 4	0. 6	0.2 1	1069. 4	6.1		1102.2	19.4	1167. 6	55.8	1167.6	55.8	91.6
BU08135-38	229	16522	1.5	12.68 64	1.4	2.1312	1.5	0.196 1	0. 5	0.3 4	1154. 3	5.3		1159.0	10.0	1167. 7	27.0	1167.7	27.0	98.9
BU08135-46	302	20710	1.5	12.68 37	1.0	1.9961	3.3	0.183 6	3. 2	0.9 5	1086. 7	31.6		1114.2	22.5	1168. 1	20.2	1168.1	20.2	93.0
BU08135-86	867	56566	1.7	12.66 60	1.1	1.9708	1.3	0.181 0	0. 7	0.5 6	1072. 7	7.2		1105.6	8.8	1170. 9	21.6	1170.9	21.6	91.6
BU08135-58	304	18620	1.3	12.64 77	4.2	1.8987	4.3	0.174 2	1. 2	0.2 8	1035. 0	11.5		1080.6	28.7	1173. 8	82.2	1173.8	82.2	88.2
BU08135-10	145	7824	1.6	12.62 79	5.1	1.9085	5.2	0.174 8	0. 6	0.1 2	1038. 5	6.0		1084.1	34.5	1176. 9	101. 8	1176.9	101. 8	88.2
BU08135-19	137	9732	0.8	12.61 40	2.3	2.1312	4.1	0.195 0	3. 4	0.8 3	1148. 3	36.0		1159.0	28.5	1179. 1	45.5	1179.1	45.5	97.4
BU08135-61	524	40310	1.7	12.60 38	1.1	2.1089	1.2	0.192 8	0. 5	0.4 3	1136. 4	5.2		1151.7	8.0	1180. 7	20.8	1180.7	20.8	96.2
BU08135-81	316	22600	1.7	12.58 80	1.0	1.9724	1.2	0.180 1	0. 8	0.6 3	1067. 4	7.7		1106.1	8.4	1183. 2	19.2	1183.2	19.2	90.2
BU08135-48	436	27362	1.8	12.58 68	1.0	2.1312	1.7	0.194 6	1. 3	0.8 1	1146. 0	14.1		1159.0	11.5	1183. 3	19.4	1183.3	19.4	96.8
BU08135-44	399	27082	0.6	12.54 06	1.3	2.1037	1.4	0.191 3	0. 6	0.4 3	1128. 6	6.4		1150.0	10.0	1190. 6	25.9	1190.6	25.9	94.8
BU08135-53	324	32720	1.1	12.50 09	1.5	2.1456	1.9	0.194 5	1. 2	0.6 2	1145. 9	12.2		1163.6	13.0	1196. 9	29.2	1196.9	29.2	95.7
BU08135-45	244 2	13953 0	156. 02	12.46 01	1.1	2.2567	1.2	0.203 9	0. 5	0.4 2	1196. 4	5.5		1198.9	8.4	1203. 3	21.3	1203.3	21.3	99.4
BU08135-49	442	30226	1.4	12.43 64	0.5	2.1632	0.7	0.195 1	0. 5	0.7 0	1149. 5	5.3		1169.3	4.9	1207. 1	10.0	1207.1	10.0	95.2
BU08135-74	149	13094	1.2	12.28 40	1.3	2.3731	1.8	0.211 4	1. 2	0.6 7	1236. 4	13.4		1234.5	12.7	1231. 3	25.9	1231.3	25.9	100. 4
BU08135-20	647	48932	1.4	12.25 93	2.8	2.1467	2.9	0.190 9	0. 9	0.3 1	1126. 1	9.2		1164.0	20.2	1235. 2	54.3	1235.2	54.3	91.2
BU08135-52	328	29804	1.1	12.09 76	3.5	2.5093	3.7	0.220 2	1. 3	0.3 3	1282. 8	14.5		1274.7	27.2	1261. 2	69.0	1261.2	69.0	101. 7
BU08135-104	619	58086	3.8	12.08 16	1.0	2.4317	1.1	0.213 1	0. 5	0.4 4	1245. 2	5.7		1252.0	8.1	1263. 8	19.7	1263.8	19.7	98.5
BU08135-57	198	13854	2.0	12.01 94	1.1	2.1835	1.4	0.190 3	0. 9	0.6 4	1123. 2	9.4		1175.8	9.8	1273. 9	21.1	1273.9	21.1	88.2
BU08135-4	135 5	82276	14.6	12.00 08	0.9	1.7778	2.0	0.154 7	1. 8	0.8 9	927.4	15.5		1037.4	13.0	1276. 9	17.5	1276.9	17.5	72.6
BU08135-24	732	61404	6.7	11.76 59	1.1	2.5143	1.2	0.214 6	0. 6	0.5 1	1253. 0	7.2		1276.2	8.9	1315. 3	20.4	1315.3	20.4	95.3
BU08135-	341	28886	1.2	11.55	1.5	2.5698	1.6	0.215	0.	0.3	1256.	5.7		1292.1	11.5	1351.	28.8	1351.1	28.8	93.0

54				02				3	5	2	8			1					
BU08135-103	414	17344	9.0	11.4989	1.7	2.7094	1.8	0.2260	0.6	0.32	1313.3	6.7	1331.0	13.1	1359.7	32.4	1359.7	32.4	96.6
BU08135-29	243	24084	1.3	11.4663	1.7	2.7673	4.4	0.2301	4.1	0.93	1335.2	49.0	1346.8	32.7	1365.2	31.8	1365.2	31.8	97.8
BU08135-22	373	16502	1.5	11.4353	2.0	2.4817	3.6	0.2058	3.0	0.84	1206.5	33.0	1266.7	26.0	1370.4	38.0	1370.4	38.0	88.0
BU08135-47	1301	58912	3.2	11.1460	1.1	2.4962	4.3	0.2018	4.2	0.97	1184.9	45.4	1270.9	31.4	1419.5	20.6	1419.5	20.6	83.5
BU08135-87	1968	135384	4.3	11.0176	0.7	2.8024	1.5	0.2239	1.3	0.88	1302.6	15.6	1356.2	11.2	1441.6	13.3	1441.6	13.3	90.4
BU08135-33	212	21152	0.7	10.9597	1.8	2.9340	2.8	0.2332	2.2	0.78	1351.3	26.9	1390.7	21.4	1451.7	33.7	1451.7	33.7	93.1
BU08135-102	226	25170	0.9	10.9483	1.3	3.1731	1.7	0.2520	1.0	0.62	1448.6	13.4	1450.6	12.8	1453.7	24.6	1453.7	24.6	99.6
BU08135-14	976	84610	1.6	10.6411	2.0	3.0363	2.5	0.2343	1.5	0.61	1357.2	18.5	1416.8	19.0	1507.6	37.2	1507.6	37.2	90.0
BU08135-65	370	34340	1.5	9.9461	1.0	3.7647	1.1	0.2716	0.6	0.50	1548.8	7.7	1585.3	8.9	1634.1	17.8	1634.1	17.8	94.8
BU08135-85	368	41040	2.2	9.8046	1.3	3.8730	1.5	0.2754	0.6	0.42	1568.2	8.6	1608.1	11.9	1660.7	24.8	1660.7	24.8	94.4
BU08135-42	380	34816	4.9	9.3741	2.4	3.9874	2.5	0.2711	0.7	0.27	1546.3	9.3	1631.6	20.5	1743.4	44.6	1743.4	44.6	88.7
BU08135-83	428	43552	2.1	8.0856	0.7	5.7728	1.5	0.3385	1.3	0.86	1879.6	20.5	1942.3	12.6	2009.9	13.1	2009.9	13.1	93.5
BU08135-30	564	82268	12.7	7.6993	1.4	6.4318	1.4	0.3592	0.5	0.35	1978.2	8.5	2036.6	12.7	2096.3	23.9	2096.3	23.9	94.4
BU08135-3	808	53740	6.1	6.8864	1.4	5.6949	5.8	0.2844	5.6	0.97	1613.6	80.4	1930.6	50.2	2290.3	24.4	2290.3	24.4	70.5
BU08135-64	188	25590	3.0	6.4476	0.9	7.9346	6.0	0.3710	5.9	0.99	2034.3	103.6	2223.6	54.2	2402.9	14.8	2402.9	14.8	84.7
BU08135-105	135	26160	1.7	6.3868	2.1	9.9858	2.3	0.4626	0.9	0.40	2450.8	18.3	2433.5	21.0	2419.0	35.5	2419.0	35.5	101.3
BU08135-78	790	85728	4.7	6.3456	0.9	8.1294	3.6	0.3741	3.5	0.97	2048.8	61.6	2245.5	32.8	2430.0	15.1	2430.0	15.1	84.3
BU08135-98	460	71690	6.2	6.3119	1.3	9.7534	1.7	0.4465	1.2	0.62	2379.6	23.7	2411.8	16.0	2439.0	21.3	2439.0	21.3	97.6
BU08135-59	1566	203106	10.6	6.2298	0.8	9.3484	1.2	0.4224	0.9	0.74	2271.3	17.4	2372.8	11.2	2461.1	13.9	2461.1	13.9	92.3
BU08135-60	1380	169828	1.8	6.1125	1.1	9.8249	1.2	0.4356	0.6	0.49	2330.7	11.7	2418.5	11.4	2493.2	18.2	2493.2	18.2	93.5
BU08135-94	128	19846	1.4	6.0731	0.8	10.3202	1.1	0.4546	0.8	0.70	2415.5	16.1	2463.9	10.5	2504.1	13.6	2504.1	13.6	96.5
BU08135-27	229	40786	4.5	5.8165	1.5	10.7284	2.0	0.4526	1.3	0.64	2406.7	25.1	2499.9	18.3	2576.5	25.4	2576.5	25.4	93.4
BU08135-6	79	13492	2.4	4.8967	1.1	12.8690	2.9	0.4570	2.7	0.92	2426.4	53.8	2670.1	27.3	2860.2	18.6	2860.2	18.6	84.8
BU08135-80	107	21512	1.7	4.8832	0.8	14.6841	1.0	0.5201	0.6	0.61	2699.4	13.7	2795.0	9.7	2864.7	13.2	2864.7	13.2	94.2

NBH3-18	371	61130	0.9	14.18 89	2.8	1.4263	4.0	0.146 8	2. 8	0.7 1	882.9	23.3		900.0	23.7	942.3	57.2	882.9	23.3	93.7
NBH3-41	117 0	18726 0	1.5	14.36 04	1.2	1.4581	2.6	0.151 9	2. 3	0.8 8	911.4	19.4		913.2	15.6	917.6	25.3	911.4	19.4	99.3
NBH3-46	122 0	15041 5	1.6	14.03 58	1.0	1.4968	1.4	0.152 4	1. 0	0.7 1	914.2	8.5		929.1	8.6	964.5	20.4	914.2	8.5	94.8
NBH3-89	124	33380	0.4	14.23 16	2.5	1.5016	3.9	0.155 0	3. 0	0.7 6	928.9	25.9		931.0	23.9	936.1	51.9	928.9	25.9	99.2
NBH3-36	391	57310	2.1	13.92 50	1.0	1.5391	1.4	0.155 4	1. 0	0.6 9	931.4	8.7		946.1	8.9	980.6	21.2	931.4	8.7	95.0
NBH3-31	264	41220	2.4	13.61 62	2.2	1.6281	2.6	0.160 8	1. 4	0.5 3	961.1	12.5		981.1	16.5	1026. 2	44.7	961.1	12.5	93.7
NBH3-6	127	29625	1.3	13.53 46	3.6	1.7366	3.8	0.170 5	1. 0	0.2 7	1014. 7	9.4		1022.2	24.3	1038. 3	73.3	1038.3	73.3	97.7
NBH3-45	779	11274 0	1.8	13.42 01	1.6	1.6951	2.2	0.165 0	1. 5	0.6 7	984.5	13.2		1006.7	13.7	1055. 4	32.0	1055.4	32.0	93.3
NBH3-37	492	59235	1.5	13.13 99	1.4	1.7814	1.8	0.169 8	1. 1	0.6 1	1010. 8	10.1		1038.7	11.5	1097. 8	28.0	1097.8	28.0	92.1
NBH3-17	574	10122 0	0.7	12.93 28	2.6	2.0309	2.7	0.190 5	1. 0	0.3 7	1124. 0	10.3		1125.9	18.6	1129. 5	50.8	1129.5	50.8	99.5
NBH3-75	217	52630	1.2	12.88 39	2.6	2.0462	3.1	0.191 2	1. 7	0.5 6	1127. 9	17.8		1131.0	21.0	1137. 0	50.8	1137.0	50.8	99.2
NBH3-63	960	22505 0	2.2	12.87 75	2.1	2.0638	2.3	0.192 7	1. 0	0.4 3	1136. 2	10.4		1136.9	16.0	1138. 0	42.0	1138.0	42.0	99.8
NBH3-21	197	28695	1.2	12.87 02	3.5	1.8237	4.5	0.170 2	2. 7	0.6 1	1013. 4	25.5		1054.0	29.2	1139. 2	70.2	1139.2	70.2	89.0
NBH3-5	184	62295	1.9	12.66 34	4.4	2.2500	4.6	0.206 6	1. 5	0.3 2	1210. 9	16.2		1196.8	32.5	1171. 3	86.8	1171.3	86.8	103. 4
NBH3-64	128	83905	1.3	12.57 00	3.6	2.1954	3.7	0.200 1	1. 0	0.2 7	1176. 1	10.8		1179.6	26.1	1185. 9	71.4	1185.9	71.4	99.2
NBH3-72	157	11080 0	1.6	12.56 27	2.1	2.1169	2.8	0.192 9	1. 8	0.6 5	1136. 9	19.0		1154.3	19.3	1187. 1	42.1	1187.1	42.1	95.8
NBH3-79	496	36795	1.4	12.53 42	3.9	2.1768	4.1	0.197 9	1. 4	0.3 4	1164. 0	14.6		1173.7	28.4	1191. 6	76.0	1191.6	76.0	97.7
NBH3-80	144	46155	1.1	12.37 33	2.3	2.2664	2.6	0.203 4	1. 1	0.4 2	1193. 5	11.9		1201.9	18.2	1217. 0	46.1	1217.0	46.1	98.1
NBH3-57	604	72330	3.9	12.29 93	1.6	2.3122	2.8	0.206 3	2. 3	0.8 2	1208. 9	25.2		1216.0	19.8	1228. 8	31.2	1228.8	31.2	98.4
NBH3-4	528	13269 0	4.2	11.70 53	4.1	2.7929	4.3	0.237 1	1. 0	0.2 3	1371. 6	12.4		1353.6	31.9	1325. 3	80.2	1325.3	80.2	103. 5
NBH3-100	424	14501 5	1.6	11.68 25	3.2	2.7606	3.5	0.233 9	1. 3	0.3 7	1354. 9	15.8		1345.0	25.7	1329. 1	61.9	1329.1	61.9	101. 9
NBH3-54	319	50150	1.8	11.62 76	1.6	2.4105	3.0	0.203 3	2. 5	0.8 4	1192. 9	27.1		1245.7	21.2	1338. 2	30.7	1338.2	30.7	89.1
NBH3-51	224 5	43420 5	1.3	11.59 78	1.6	2.7148	1.9	0.228 4	1. 0	0.5 4	1325. 9	12.0		1332.5	13.8	1343. 2	30.1	1343.2	30.1	98.7
NBH3-73	901	27610 5	1.1	11.56 45	1.5	2.7531	1.8	0.230 9	1. 0	0.5 5	1339. 3	12.1		1342.9	13.6	1348. 7	29.5	1348.7	29.5	99.3

NBH3-39	163 1	14899 0	2.7	11.46 66	1.4	2.6921	1.7	0.223 9	1. 0	0.5 7	1302. 4	11.8		1326.3	12.9	1365. 1	27.5	1365.1	27.5	95.4
NBH3-13	142 3	21287 5	1.8	11.40 26	2.2	2.7436	2.4	0.226 9	1. 0	0.4 2	1318. 2	11.9		1340.4	17.7	1375. 9	41.5	1375.9	41.5	95.8
NBH3-23	366	32040	1.4	11.27 37	2.1	2.5055	2.3	0.204 9	1. 0	0.4 3	1201. 4	11.0		1273.6	17.0	1397. 7	40.7	1397.7	40.7	86.0
NBH3-26	50	13205	1.0	11.12 17	4.0	2.8484	4.1	0.229 8	1. 0	0.2 4	1333. 3	12.0		1368.4	31.2	1423. 7	76.9	1423.7	76.9	93.6
NBH3-29	158	30675	1.3	11.09 28	1.6	2.8480	2.1	0.229 1	1. 4	0.6 5	1329. 9	16.3		1368.3	15.7	1428. 7	30.2	1428.7	30.2	93.1
NBH3-55	632	24305	1.5	10.79 00	4.1	2.7116	4.8	0.212 2	2. 5	0.5 1	1240. 5	28.0		1331.6	35.8	1481. 3	78.4	1481.3	78.4	83.7
NBH3-98	982	71115	1.8	10.66 33	2.9	2.5706	3.6	0.198 8	2. 1	0.5 9	1168. 9	22.7		1292.3	26.2	1503. 7	54.6	1503.7	54.6	77.7
NBH3-91	350	62445	0.8	10.60 59	1.0	3.2578	1.6	0.250 6	1. 2	0.7 7	1441. 6	15.4		1471.0	12.1	1513. 8	18.9	1513.8	18.9	95.2
NBH3-48	549	10662 5	1.6	10.51 05	1.4	3.3644	1.7	0.256 5	1. 0	0.5 9	1471. 7	13.2		1496.2	13.3	1530. 9	25.8	1530.9	25.8	96.1
NBH3-27	554	10485 0	1.3	10.37 58	1.3	3.4479	1.6	0.259 5	1. 0	0.6 2	1487. 1	13.3		1515.4	12.6	1555. 1	23.5	1555.1	23.5	95.6
NBH3-28	711	98625	4.1	10.23 29	2.6	3.1010	6.3	0.230 1	5. 7	0.9 1	1335. 2	68.9		1432.9	48.3	1581. 1	49.0	1581.1	49.0	84.4
NBH3-32	989	21773 0	1.3	10.15 63	2.2	3.5864	2.6	0.264 2	1. 4	0.5 4	1511. 2	19.1		1546.5	20.8	1595. 2	41.1	1595.2	41.1	94.7
NBH3-60	253	62510	1.7	10.15 48	2.0	3.5232	3.2	0.259 5	2. 5	0.7 7	1487. 2	32.7		1532.4	25.2	1595. 4	37.7	1595.4	37.7	93.2
NBH3-1	106	17545	1.1	10.11 23	3.0	3.1435	5.5	0.230 5	4. 5	0.8 3	1337. 4	54.7		1443.4	42.1	1603. 3	56.8	1603.3	56.8	83.4
NBH3-93	413	10520 5	0.9	10.10 11	2.4	3.6864	2.6	0.270 1	1. 0	0.3 9	1541. 1	14.3		1568.4	21.0	1605. 3	45.1	1605.3	45.1	96.0
NBH3-90	408	17003 0	1.6	10.09 61	2.3	3.8820	2.5	0.284 3	1. 0	0.4 0	1612. 8	14.3		1609.9	20.3	1606. 3	42.9	1606.3	42.9	100. 4
NBH3-52	283	66380	1.5	10.07 82	1.8	3.8029	2.0	0.278 0	1. 0	0.4 9	1581. 1	14.0		1593.4	16.4	1609. 6	33.2	1609.6	33.2	98.2
NBH3-44	114	22060	0.8	10.06 49	2.0	3.7338	3.1	0.272 6	2. 4	0.7 7	1553. 8	32.7		1578.7	24.6	1612. 0	36.5	1612.0	36.5	96.4
NBH3-43	91	44050	1.2	10.06 45	1.3	3.7715	2.3	0.275 3	1. 9	0.8 2	1567. 6	26.3		1586.7	18.6	1612. 1	25.0	1612.1	25.0	97.2
NBH3-95	113	68470	0.9	9.964 7	3.3	4.0824	3.4	0.295 0	1. 0	0.2 9	1666. 7	14.7		1650.8	28.1	1630. 6	61.2	1630.6	61.2	102. 2
NBH3-7	117	36595	2.3	9.822 0	3.2	3.6562	3.4	0.260 5	1. 3	0.3 8	1492. 2	17.3		1561.9	27.3	1657. 4	58.7	1657.4	58.7	90.0
NBH3-19	311	38140	1.1	9.696 4	3.3	3.9996	3.4	0.281 3	1. 0	0.2 9	1597. 8	14.2		1634.1	27.8	1681. 2	60.4	1681.2	60.4	95.0
NBH3-47	279	92480	2.0	9.690 3	1.1	4.0921	1.7	0.287 6	1. 3	0.7 7	1629. 5	19.0		1652.7	14.1	1682. 4	20.5	1682.4	20.5	96.9
NBH3-83	206 5	37615 5	1.9	9.624 2	1.3	4.0304	2.3	0.281 3	1. 9	0.8 3	1598. 0	27.3		1640.4	19.0	1695. 0	24.1	1695.0	24.1	94.3
NBH3-50	127	25634	2.0	9.619	2.3	4.1868	2.8	0.292	1.	0.5	1652.	24.2		1671.4	23.3	1695.	42.4	1695.8	42.4	97.4

		8	0		9				1	7	9	1				8				
NBH3-67	145	36395	1.4	9.618	6	4.7	4.1929	5.6	0.292	5	3.	0.5	1654.	0	45.2	1672.6	46.3	1696.	1	86.9
NBH3-42	801	15106	5	9.611	0	1.2	4.1390	2.7	0.288	5	2.	0.8	1634.	1	35.2	1662.0	22.4	1697.	5	22.7
NBH3-49	289	69370	1.6	9.607	3	1.2	4.1378	1.6	0.288	3	1.	0.6	1633.	1	14.4	1661.8	13.0	1698.	2	22.7
NBH3-35	278	34392	5	9.594	9	1.6	3.9821	2.1	0.277	1	4.	0.6	1576.	8	19.9	1630.6	17.2	1700.	6	28.9
NBH3-22	564	47400	1.9	9.594	7	2.1	4.0277	2.8	0.280	3	8.	0.6	1592.	8	25.3	1639.8	22.6	1700.	6	39.1
NBH3-10	218	47830	0.9	9.584	3	3.3	4.0234	3.5	0.279	7	0.	0.2	1589.	7	14.1	1638.9	28.2	1702.	6	61.2
NBH3-34	792	14253	0	9.581	5	1.0	4.0489	1.7	0.281	4	1.	0.8	1598.	2	20.2	1644.1	14.2	1703.	2	18.4
NBH3-38	466	10724	5	9.574	7	1.2	4.0665	1.8	0.282	4	0.	0.7	1603.	4	19.3	1647.6	14.7	1704.	5	21.9
NBH3-88	123	47625	1.1	9.567	5	2.0	4.4233	3.5	0.306	9	2.	0.8	1725.	6	43.1	1716.7	28.7	1705.	9	36.5
NBH3-65	164	64245	1.9	9.566	0	4.0	4.4502	4.3	0.308	7	1.	0.4	1734.	5	26.3	1721.7	35.8	1706.	2	72.7
NBH3-14	112	13485	7	9.562	8	2.3	3.8829	2.5	0.269	3	0.	0.4	1537.	3	13.7	1610.1	19.9	1706.	8	41.4
NBH3-97	139	30443	0	9.554	9	2.3	4.4164	2.7	0.306	0	1.	0.5	1721.	2	21.8	1715.4	22.7	1708.	3	42.9
NBH3-62	150	10720	0	9.510	4	3.8	4.4140	4.1	0.304	5	1.	0.3	1713.	4	23.0	1715.0	33.6	1716.	9	69.1
NBH3-16	240	83315	1.9	9.505	2	2.6	4.2441	2.9	0.292	6	2.	0.4	1654.	4	17.4	1682.6	23.8	1717.	9	48.5
NBH3-9	815	23313	0	9.489	5	3.6	4.1271	4.1	0.284	0	1.	0.5	1611.	7	29.8	1659.7	33.7	1720.	9	65.2
NBH3-87	589	16070	5	9.473	4	1.4	4.3896	1.9	0.301	6	1.	0.7	1699.	2	20.5	1710.4	16.0	1724.	0	25.0
NBH3-11	405	13492	5	9.465	8	2.1	4.4787	2.3	0.307	5	0.	0.4	1728.	3	15.2	1727.0	19.0	1725.	5	37.8
NBH3-78	279	13652	0	9.465	7	1.6	4.5252	2.5	0.310	7	1.	0.7	1744.	0	29.3	1735.6	20.5	1725.	5	28.5
NBH3-3	226	97555	2.3	9.463	5	2.7	4.5684	3.2	0.313	6	1.	0.5	1758.	2	27.2	1743.5	26.8	1726.	0	49.2
NBH3-81	319	12252	0	9.432	7	1.5	4.4898	2.0	0.307	2	1.	0.6	1726.	7	19.8	1729.1	16.5	1732.	0	27.3
NBH3-25	210	10232	5	9.417	3	2.0	4.2468	2.3	0.290	1	2.	0.5	1641.	8	17.2	1683.1	19.0	1735.	0	36.3
NBH3-61	347	35143	5	9.392	3	3.6	4.6653	3.9	0.317	8	1.	0.3	1779.	0	23.3	1761.0	32.5	1739.	8	65.6
NBH3-99	212	15806	2	9.389	1	2.4	3.7334	5.1	0.254	2	4.	0.8	1460.	3	58.3	1578.6	40.7	1740.	4	44.7
NBH3-12	830	15088	5	9.383	4	3.5	3.5834	4.8	0.243	9	3.	0.6	1406.	8	41.2	1545.9	37.8	1741.	6	63.4

NBH3-69	224	12314 5	1.6	9.345 0	3.3	4.4250	3.5	0.299 9	1. 2	0.3 4	1690. 9	17.8		1717.0	29.3	1749. 1	61.0	1749.1	61.0	96.7
NBH3-58	281 8	45993 5	1.8	9.332 5	1.0	4.4510	2.5	0.301 3	2. 3	0.9 2	1697. 6	34.8		1721.9	21.0	1751. 5	18.3	1751.5	18.3	96.9
NBH3-85	294	94875	2.2	9.313 2	1.1	4.5333	1.5	0.306 2	1. 0	0.6 6	1722. 0	15.1		1737.1	12.6	1755. 3	20.7	1755.3	20.7	98.1
NBH3-8	167	78975	0.9	9.312 8	5.2	4.5960	5.6	0.310 4	2. 0	0.3 5	1742. 8	29.9		1748.5	46.5	1755. 4	95.4	1755.4	95.4	99.3
NBH3-94	405	15927 5	1.6	9.219 5	4.5	4.5424	4.7	0.303 7	1. 4	0.3 0	1709. 8	20.7		1738.8	38.9	1773. 8	81.4	1773.8	81.4	96.4
NBH3-84	298	88030	1.9	9.183 2	1.0	4.8280	1.4	0.321 6	1. 0	0.7 1	1797. 3	15.7		1789.8	11.9	1781. 0	18.2	1781.0	18.2	100. 9
NBH3-68	577	38565 5	1.1	9.147 7	2.2	4.8534	2.9	0.322 0	1. 8	0.6 4	1799. 5	28.7		1794.2	24.1	1788. 0	40.1	1788.0	40.1	100. 6
NBH3-77	132	31535	1.5	8.996 1	4.0	4.9072	4.3	0.320 2	1. 5	0.3 4	1790. 6	23.1		1803.5	36.2	1818. 4	73.2	1818.4	73.2	98.5
NBH3-74	123	49070	0.8	8.979 8	1.3	4.9215	1.8	0.320 5	1. 2	0.6 8	1792. 3	19.2		1805.9	15.2	1821. 7	24.0	1821.7	24.0	98.4
NBH3-71	447	11701 0	1.3	8.934 4	2.5	4.7252	3.2	0.306 2	2. 0	0.6 3	1721. 9	30.7		1771.7	27.1	1830. 9	45.5	1830.9	45.5	94.0
NBH3-2	344	14403 0	8.1	8.932 8	4.3	5.2109	4.4	0.337 6	1. 1	0.2 4	1875. 1	17.2		1854.4	37.4	1831. 3	77.2	1831.3	77.2	102. 4
NBH3-59	513	68145	1.9	8.875 9	1.9	4.5500	2.7	0.292 9	1. 9	0.7 0	1656. 0	27.5		1740.2	22.3	1842. 8	34.6	1842.8	34.6	89.9
NBH3-24	526	10940	1.2	8.872 0	4.9	3.7669	5.2	0.242 4	1. 9	0.3 6	1399. 1	23.4		1585.7	41.8	1843. 6	88.0	1843.6	88.0	75.9
NBH3-53	258	87090	2.3	8.859 7	1.5	4.7936	2.1	0.308 0	1. 4	0.6 8	1731. 0	21.3		1783.8	17.4	1846. 1	27.5	1846.1	27.5	93.8
NBH3-86	111	49335	0.8	8.820 8	2.2	5.1702	2.8	0.330 8	1. 7	0.6 2	1842. 1	27.6		1847.7	23.6	1854. 1	39.4	1854.1	39.4	99.4
NBH3-15	791	13234 5	3.3	8.729 3	2.2	4.7711	2.4	0.302 1	1. 0	0.4 2	1701. 5	15.0		1779.8	20.1	1872. 9	39.3	1872.9	39.3	90.8
NBH3-96	199	71330	1.8	8.241 1	2.8	5.7241	3.2	0.342 1	1. 4	0.4 4	1896. 9	22.8		1935.0	27.3	1976. 0	50.6	1976.0	50.6	96.0
NBH3-30	503	71760	2.0	8.238 8	1.0	5.1661	1.7	0.308 7	1. 4	0.8 2	1734. 3	21.7		1847.1	14.8	1976. 6	17.8	1976.6	17.8	87.7
NBH3-82	68	28545	0.9	7.199 3	3.0	5.9493	3.1	0.310 6	1. 0	0.3 2	1743. 8	15.3		1968.5	27.2	2213. 6	51.4	2213.6	51.4	78.8
NBH3-92	444	20682 0	0.8	6.355 0	1.4	9.5263	1.7	0.439 1	1. 1	0.6 1	2346. 5	20.8		2390.1	16.0	2427. 4	23.4	2427.4	23.4	96.7
NBH3-70	280	16294 0	0.8	6.302 0	4.2	9.5192	4.8	0.435 1	2. 3	0.4 7	2328. 6	44.0		2389.4	44.0	2441. 6	71.5	2441.6	71.5	95.4
NBH3-40	161	55875	1.2	6.149 7	2.2	10.226 1	2.4	0.456 1	1. 0	0.4 2	2422. 3	20.2		2455.4	22.2	2483. 0	36.8	2483.0	36.8	97.6
NBH3-56	245	15367 0	0.8	6.077 0	2.0	10.080 4	2.3	0.444 3	1. 0	0.4 4	2369. 8	19.8		2442.2	21.0	2503. 0	34.3	2503.0	34.3	94.7
NBH3-76	56	48085	0.6	5.990 8	2.3	11.220 4	3.0	0.487 5	1. 9	0.6 3	2560. 0	40.1		2541.6	28.0	2527. 0	39.1	2527.0	39.1	101. 3
NBH3-20	452	50175	1.1	3.936	2.0	21.597	2.3	0.616	1.	0.5	3096.	29.3		3165.8	22.2	3209.	30.8	3209.9	30.8	96.5

				8	1	7	2	2	6			9						
NBH4-67	223 8	11143 0	4.7	13.91 08	1.8	1.4735	3.3	0.148 7	2. 7	0.8 3	893.4	22.9	919.6	19.9	982.7	37.1	893.4	22.9
NBH4-64	269 9	22442 5	0.7	14.32 06	1.3	1.4390	1.7	0.149 5	1. 2	0.6 8	897.9	9.9	905.3	10.3	923.3	25.9	897.9	9.9
NBH4-81	376	60015	0.8	14.51 00	1.0	1.4398	2.1	0.151 5	1. 8	0.8 8	909.5	15.6	905.6	12.6	896.3	20.7	909.5	15.6
NBH4-44	129 7	14076 0	1.7	13.69 18	1.7	1.5288	2.0	0.151 8	1. 0	0.5 0	911.1	8.5	942.0	12.3	1014. 9	35.3	911.1	8.5
NBH4-13	129 1	86430	15.3	13.74 91	1.4	1.5437	3.1	0.153 9	2. 8	0.9 0	923.0	23.8	948.0	19.0	1006. 5	27.8	923.0	23.8
NBH4-39	103 5	11247 0	0.7	14.03 03	1.4	1.5497	1.7	0.157 7	1. 0	0.5 9	944.0	8.8	950.4	10.5	965.3	28.0	944.0	8.8
NBH4-93	646	70035	1.3	14.00 96	2.1	1.5544	2.3	0.157 9	1. 0	0.4 4	945.3	8.8	952.2	14.2	968.3	42.0	945.3	8.8
NBH4-14	301	28580	2.1	13.77 09	1.5	1.6873	1.8	0.168 5	1. 0	0.5 5	1004. 0	9.3	1003.8	11.7	1003. 3	31.2	1003.3	31.2
NBH4-70	327	42165	1.3	13.47 17	1.4	1.7506	1.8	0.171 0	1. 2	0.6 7	1017. 9	11.5	1027.4	11.8	1047. 7	27.2	1047.7	27.2
NBH4-85	389	47625	1.1	12.91 86	2.1	1.9948	2.8	0.186 9	1. 9	0.6 7	1104. 6	19.0	1113.7	18.9	1131. 7	41.2	1131.7	41.2
NBH4-23	123	18895	1.0	12.89 67	2.6	2.0239	3.1	0.189 3	1. 8	0.5 8	1117. 6	18.8	1123.6	21.4	1135. 1	50.8	1135.1	50.8
NBH4-95	301	44975	1.3	12.86 70	1.7	2.1058	2.8	0.196 5	2. 3	0.8 1	1156. 6	24.1	1150.7	19.5	1139. 7	33.2	1139.7	33.2
NBH4-43	152	21435	0.8	12.78 78	1.5	2.0632	2.5	0.191 4	2. 0	0.8 1	1128. 7	20.6	1136.7	16.9	1151. 9	29.0	1151.9	29.0
NBH4-34	751	89600	2.1	12.72 71	1.2	2.0030	1.5	0.184 9	1. 0	0.6 5	1093. 6	10.1	1116.5	10.5	1161. 4	23.4	1161.4	23.4
NBH4-28	174 9	18266 5	1.9	12.55 50	2.1	2.1566	2.7	0.196 4	1. 7	0.6 3	1155. 8	17.6	1167.2	18.4	1188. 3	40.9	1188.3	40.9
NBH4-19	182 3	86210	4.3	12.44 89	3.9	1.6288	4.0	0.147 1	1. 0	0.2 5	884.5	8.3	981.4	25.5	1205. 0	77.3	1205.0	77.3
NBH4-18	263 9	27812 0	6.1	11.94 09	1.0	2.2737	1.4	0.196 9	1. 0	0.7 1	1158. 7	10.6	1204.2	10.0	1286. 6	19.5	1286.6	19.5
NBH4-17	197	45500	1.8	11.74 39	2.9	2.6562	3.1	0.226 2	1. 0	0.3 2	1314. 8	11.9	1316.4	22.8	1319. 0	56.8	1319.0	56.8
NBH4-91	181 9	10818 0	1.0	11.70 62	2.0	2.2156	2.6	0.188 1	1. 8	0.6 7	1111. 1	18.1	1186.0	18.5	1325. 2	38.2	1325.2	38.2
NBH4-83	165	30330	2.4	11.64 67	1.7	2.6183	2.5	0.221 2	1. 8	0.7 1	1288. 0	20.4	1305.8	18.0	1335. 0	33.3	1335.0	33.3
NBH4-65	190 7	29240 5	5.9	11.59 55	2.1	2.5482	3.1	0.214 3	2. 3	0.7 3	1251. 7	25.7	1285.9	22.7	1343. 6	41.3	1343.6	41.3
NBH4-15	241	37975	2.3	11.57 89	1.4	2.7448	2.7	0.230 5	2. 3	0.8 6	1337. 1	27.9	1340.7	20.1	1346. 3	26.9	1346.3	26.9
NBH4-88	809	12290 0	3.7	11.55 04	1.6	2.5932	2.0	0.217 2	1. 3	0.6 2	1267. 3	14.5	1298.7	14.9	1351. 1	30.9	1351.1	30.9

NBH4-82	478	71040	2.4	11.52 97	1.1	2.6605	2.1	0.222 5	1. 8	0.8 6	1294. 9	20.9		1317.6	15.3	1354. 5	20.6	1354.5	20.6	95.6
NBH4-55	253	46415	1.1	11.51 37	2.9	2.7559	3.1	0.230 1	1. 0	0.3 2	1335. 2	12.1		1343.7	23.0	1357. 2	56.3	1357.2	56.3	98.4
NBH4-92	107 9	10538 5	2.1	11.48 36	1.8	2.4789	3.3	0.206 5	2. 8	0.8 4	1209. 9	30.3		1265.9	23.7	1362. 3	34.5	1362.3	34.5	88.8
NBH4-87	609	81565	1.4	11.48 18	1.0	2.5731	2.8	0.214 3	2. 7	0.9 4	1251. 6	30.3		1293.0	20.8	1362. 6	19.3	1362.6	19.3	91.9
NBH4-46	369	53415	2.2	11.42 43	2.4	2.7204	3.4	0.225 4	2. 5	0.7 3	1310. 4	29.5		1334.0	25.5	1372. 2	45.4	1372.2	45.4	95.5
NBH4-89	103 5	17516 0	4.2	11.36 39	1.0	2.5144	1.4	0.207 2	1. 0	0.7 1	1214. 1	11.1		1276.2	10.3	1382. 4	19.2	1382.4	19.2	87.8
NBH4-4	86	24345	2.1	11.28 86	2.8	2.9436	4.9	0.241 0	4. 0	0.8 2	1391. 9	50.5		1393.2	37.1	1395. 2	53.3	1395.2	53.3	99.8
NBH4-74	391	75950	3.6	11.17 28	1.2	3.0320	1.8	0.245 7	1. 3	0.7 6	1416. 2	17.0		1415.7	13.5	1414. 9	22.2	1414.9	22.2	100. 1
NBH4-57	275 6	33144 5	2.2	11.02 90	2.1	2.8216	2.3	0.225 7	1. 0	0.4 3	1311. 9	11.9		1361.3	17.4	1439. 7	39.8	1439.7	39.8	91.1
NBH4-36	323	40825	5.0	10.98 85	3.5	2.8237	5.2	0.225 0	3. 8	0.7 3	1308. 5	44.6		1361.9	38.7	1446. 7	67.1	1446.7	67.1	90.4
NBH4-59	528	12101 5	2.0	10.95 91	2.3	3.1404	3.1	0.249 6	2. 1	0.6 8	1436. 4	27.0		1442.6	23.7	1451. 8	42.8	1451.8	42.8	98.9
NBH4-66	165	7205	1.2	10.93 49	6.0	2.4174	6.2	0.191 7	1. 8	0.2 7	1130. 7	18.7		1247.8	44.9	1456. 0	113. 9	1456.0	113. 9	77.7
NBH4-35	158	29855	1.7	10.80 42	1.2	3.2975	1.6	0.258 4	1. 0	0.6 4	1481. 6	13.2		1480.5	12.2	1478. 8	23.0	1478.8	23.0	100. 2
NBH4-47	209	40635	2.4	10.69 14	1.3	3.0644	1.7	0.237 6	1. 0	0.6 0	1374. 3	12.4		1423.8	12.7	1498. 7	25.2	1498.7	25.2	91.7
NBH4-29	97	20985	1.1	10.51 40	2.6	3.5791	3.1	0.272 9	1. 7	0.5 4	1555. 6	23.2		1544.9	24.8	1530. 3	49.7	1530.3	49.7	101. 7
NBH4-5	254	46440	1.6	10.42 23	3.1	3.6549	3.2	0.276 3	1. 0	0.3 1	1572. 6	14.0		1561.6	25.6	1546. 7	57.3	1546.7	57.3	101. 7
NBH4-73	259 2	22958 5	1.2	10.36 14	1.8	2.7932	3.8	0.209 9	3. 3	0.8 7	1228. 3	36.7		1353.7	28.1	1557. 7	34.2	1557.7	34.2	78.9
NBH4-68	381	56325	1.4	10.34 77	2.1	3.2917	2.4	0.247 0	1. 2	0.4 9	1423. 2	14.9		1479.1	18.7	1560. 2	39.2	1560.2	39.2	91.2
NBH4-69	272	61520	1.6	10.24 21	1.0	3.5783	1.6	0.265 8	1. 3	0.7 8	1519. 5	16.9		1544.7	12.7	1579. 4	18.7	1579.4	18.7	96.2
NBH4-33	356	69820	1.6	10.21 80	1.7	3.7712	2.0	0.279 5	1. 0	0.5 0	1588. 7	14.1		1586.6	16.0	1583. 8	32.4	1583.8	32.4	100. 3
NBH4-100	767	11926 5	1.4	10.21 15	1.0	2.9837	2.6	0.221 0	2. 4	0.9 2	1287. 0	27.5		1403.5	19.5	1585. 0	18.7	1585.0	18.7	81.2
NBH4-71	256	79040	0.7	10.11 08	3.1	3.6643	3.4	0.268 7	1. 3	0.3 9	1534. 2	17.9		1563.6	26.8	1603. 5	57.6	1603.5	57.6	95.7
NBH4-24	411	84780	2.8	10.09 81	2.4	3.4369	3.0	0.251 7	1. 8	0.6 0	1447. 3	23.5		1512.9	23.7	1605. 9	44.9	1605.9	44.9	90.1
NBH4-6	762	97640	1.5	10.08 46	4.7	3.4924	5.0	0.255 4	1. 9	0.3 7	1466. 4	24.5		1525.5	39.7	1608. 4	86.9	1608.4	86.9	91.2
NBH4-20	265	59975	2.2	10.00 3.5	3.5	3.8398	3.6	0.278 1.	0.2	1584.	14.1		1601.1	29.2	1622.	64.8	1622.6	64.8	97.7	

				79				7	0	8	9			6					
NBH4-51	255	55915	0.6	10.00	34	1.0	3.7020	1.4	0.268	6	1.	0.7	1533.	6	13.6	1571.8	11.3	1623.	
	408	56790		9.884	0	1.3	3.7505		0.268	9	1.	0.6	1535.	0	13.7	1582.2	13.0	1645.	
NBH4-40	1	5	4.7					1.6		0	2						7	23.7	
NBH4-90	441	70325	1.7	9.852	8	1.5	3.4176	2.7	0.244	2	0.8	1408.	6	28.1	1508.4	21.0	1651.		
NBH4-86	770	16904	0	2.9	9.819	1	1.5	3.9500	2.0	0.281	3	0.6	1597.	9	17.8	1624.0	16.0	1658.	
NBH4-7	186	39560	2.3	9.810	2	2.7	3.9051	4.0	0.277	8	0.7	1580.	5	41.4	1614.7	32.1	1659.		
	104	19477		9.804					0.277	8	0.4	1580.	4	14.0	1615.2	19.8	1660.		
NBH4-84	7	0	1.3		7	2.2	3.9071	2.4		0	1						7	41.3	
NBH4-94	161	23840		9.737					0.278	5	0.6	1583.	9	14.0	1622.7	12.6	1673.		
	1	5	13.5		8	1.2	3.9436	1.6		0	4						3	22.0	
NBH4-80	718	13493	5	2.1	9.725	4	1.5	4.2122	1.8	0.297	1	0.5	1676.	9	14.8	1676.4	14.6	1675.	
NBH4-3	638	11112	0	1.5	9.714	7	5.5	4.2572	6.4	0.299	9	0.5	1691.	1	48.8	1685.1	52.6	1677.	
NBH4-32	537	10722	0	2.7	9.640	9	2.0	4.0634	3.0	0.284	1	0.7	1612.	1	31.5	1647.0	24.3	1691.	
NBH4-78	617	12069		9.624					0.290	2	0.6	1645.	4	17.3	1667.3	14.6	1694.		
NBH4-98	581	17402		9.623					0.286	2	0.7	1623.			1655.0	24.2	1695.		
NBH4-96	465	15071	0	2.3	9.590	0	1.8	4.0383	3.2	0.280	9	0.8	1595.	8	37.9	1641.9	26.1	1701.	
NBH4-8	315	59650	1.8	9.588	5	1.7	4.2324	2.4	0.294	3	0.7	1663.	1	24.8	1680.3	19.5	1701.		
NBH4-76	684	10751	0	1.5	9.575	3	1.4	3.7321	2.0	0.259	2	0.7	1485.	7	18.6	1578.3	15.8	1704.	
NBH4-97	532	14015	5	1.7	9.550	3	1.1	3.9686	2.3	0.274	9	0.8	1565.	6	28.5	1627.8	19.0	1709.	
NBH4-31	344	78190	1.4	9.548	7	1.4	4.2469	2.2	0.294	1	0.7	1662.	1	24.8	1683.1	18.1	1709.		
NBH4-22	160	25982	0	2.5	9.543	7	1.0	4.4370	1.4	0.307	1	0.7	1726.	5	15.1	1719.3	11.7	1710.	
NBH4-42	205	76520	1	7.0	9.529	6	4.0	3.4206	4.3	0.236	4	0.3	1368.	0	19.4	1509.1	33.6	1713.	
NBH4-62	121	16360	8	0.8	9.513	0	2.0	4.1778	2.3	0.288	2	0.4	1632.	8	14.4	1669.7	18.6	1716.	
NBH4-9	664	17062	0	8.5	9.505	8	2.3	4.3485	2.6	0.299	8	0.4	1690.	3	15.6	1702.6	21.2	1717.	
NBH4-53	158	24324	6	3.1	9.492	9	7.7	4.0633	7.9	0.279	8	0.2	1590.	1	23.0	1647.0	64.2	1720.	
NBH4-58	377	74420	2.5		9.490	2	1.4	4.1892	1.7	0.288	3	0.5	1633.	2	14.4	1671.9	13.9	1720.	
NBH4-50	135	28063	5	1.6	9.484	0	1.2	4.0785	1.5	0.280	5	0.6	1594.	1	14.1	1650.0	12.6	1722.	

NBH4-49	491	10826	0	1.6	9.472	6	1.5	4.1499	1.8	0.285	1	1.0	0.5	1617.	0	14.3		1664.2	14.6	1724.	2	27.2	1724.2	27.2	93.8	
NBH4-27	171	23401	5	1.3	9.472	2	1.7	4.4905	1.9	0.308	5	1.	0.5	1733.	3	15.2		1729.2	16.1	1724.	3	30.5	1724.3	30.5	100.	
NBH4-10	256	61975	2.1		9.462	7	2.2	4.2614	4.0	0.292	5	3.	0.8	1653.	8	48.3		1685.9	32.7	1726.	1	40.6	1726.1	40.6	95.8	
NBH4-21	565	90155	3.0		9.440	3	2.4	4.4086	2.8	0.301	8	1.	0.4	1700.	4	20.5		1714.0	23.1	1730.	5	44.6	1730.5	44.6	98.3	
NBH4-37	865	18787			9.425	9	1.5	4.3934	2.3	0.300	3	1.	0.7	1693.	0	25.5		1711.1	18.9	1733.	3	27.9	1733.3	27.9	97.7	
NBH4-63	908	15344			9.418	7	1.5	4.1365	2.2	0.282	6	1.	0.7	1604.	3	22.0		1661.5	17.7	1734.	7	27.7	1734.7	27.7	92.5	
NBH4-54	112	18855	0	3.2	9.412	4	1.7	3.9987	4.1	0.273	0	3.	0.9	1555.	9	51.6		1633.9	33.2	1735.	9	30.6	1735.9	30.6	89.6	
NBH4-99	157	44890	1.3		9.408	7	2.3	4.2224	3.5	0.288	1	2.	0.7	1632.	2	37.9		1678.4	28.7	1736.	6	42.2	1736.6	42.2	94.0	
NBH4-52	164	20091	5	3.5	9.393	6	1.4	3.8699	2.3	0.263	7	1.	0.7	1508.	5	24.1		1607.4	18.3	1739.	6	25.7	1739.6	25.7	86.7	
NBH4-12	347	99680	1.8		9.388	9	3.3	4.1692	3.7	0.283	9	1.	0.4	1611.	0	22.1		1668.0	29.9	1740.	5	60.7	1740.5	60.7	92.6	
NBH4-60	277	31120	0.6		9.357	7	2.2	4.0978	2.7	0.278	1	0.5	1581.	9	22.2		1653.9	22.0	1746.	6	40.0	1746.6	40.0	90.6		
NBH4-1	662	62100	1.3		9.339	7	1.9	4.0788	2.6	0.276	3	1.	0.6	1572.						1750.						
NBH4-38	148	13317	5	1.3	9.084	3	2.2	4.4609	2.6	0.293	9	1.	0.5	1661.	0	21.5		1723.7	21.6	1800.	7	39.1	1800.7	39.1	92.2	
NBH4-56	320	10972	5	2.0	8.940	0	5.2	4.9278	6.0	0.319	5	3.	0.5	1787.	4	46.7		1807.0	50.7	1829.	8	94.5	1829.8	94.5	97.7	
NBH4-75	702	16771			8.883					0.331	5	1.	0.7	1845.				1843.7	20.5	1841.	3	31.3	1841.3	31.3	100.	
NBH4-2	514	70590	2.8		8.780	0	2.5	5.1797	3.2	0.329	8	2.	0.6	1837.	6	33.1		1849.3	27.3	1862.	5	44.2	1862.5	44.2	98.7	
NBH4-41	210	68515	0.6		8.659	0	2.1	5.1661	2.3	0.324	4	1.	0.4	1811.	4	15.8		1847.1	19.6	1887.	5	37.4	1887.5	37.4	96.0	
NBH4-25	468	78845	3.8		8.505	1	2.5	5.2731	2.9	0.325	3	1.	0.4	1815.	4	22.6		1864.5	24.9	1919.	7	45.6	1919.7	45.6	94.6	
NBH4-48	100	13817	5	1.5	8.455	7	1.7	4.6275	4.7	0.283	8	4.	0.9	1610.	4	62.0		1754.2	39.0	1930.	1	30.3	1930.1	30.3	83.4	
NBH4-26	124	37060	0.9		8.365	7	2.5	5.8750	2.7	0.356	5	1.	0.3	1965.	4	16.9		1957.6	23.3	1949.	3	44.5	1949.3	44.5	100.	
NBH4-72	334	13392	5	1.5	8.052	8	3.9	6.0161	6.4	0.351	4	5.	0.7	1941.	1	84.6		1978.2	55.7	2017.	1	69.3	2017.1	69.3	96.2	
NBH4-16	280	12001	5	2.3	6.709	0	1.2	8.6967	1.6	0.423	2	1.	0.6	2274.	8	19.2		2306.7	14.3	2335.	1	20.7	2335.1	20.7	97.4	
NBH4-61	174	44324	5	5.7	6.450	9	4.0	9.0623	4.2	0.424	0	1.	0.2	2278.	6	19.2		2344.3	38.1	2402.	0	68.7	2402.0	68.7	94.9	
NBH4-77	867	18726	0	1.1	6.189	3	1.7	9.7005	3.0	0.435	4	2.	0.8	2330.	2	49.1		2406.8	27.7	2472.	1	27.9	2472.1	27.9	94.3	
NBH4-11	163	77230	2.4		5.395	3.7		13.551	3.9	0.530	1.	0.2		2742.				2718.9	36.5	2701.	61.4		2701.4	61.4	101.	

				0	1		2	0	7	4			4				5	
NBH4-30	105	75400	1.7	2.976 2	2.5 4	35.481 2.7	0.765 9	1. 0	0.3 7	3665. 8	28.0	3652.1	26.6	3644. 7	38.3	3644.7	38.3	100. 6
NBH8-38	237	12416 0	2.0	9.165 5	3.8	4.9392 3.9	0.328 3	1. 0	0.2 6	1830. 3	15.9	1809.0	33.0	1784. 5	68.9	1784.5	68.9	102. 6
NBH8-51	172 7	44127 0	1.2	9.141 3	4.7	4.6855 4.9	0.310 6	1. 4	0.2 8	1743. 9	21.2	1764.6	41.3	1789. 3	86.2	1789.3	86.2	97.5
NBH8-28	655	12211 0	4.1	9.059 5	2.5	4.7945 2.7	0.315 0	1. 0	0.3 7	1765. 4	15.4	1783.9	22.5	1805. 7	45.1	1805.7	45.1	97.8
NBH8-26	579	16821 0	5.8	9.032 5	4.1	4.7157 4.3	0.308 9	1. 2	0.2 7	1735. 4	17.8	1770.0	36.0	1811. 1	75.1	1811.1	75.1	95.8
NBH8-18	990	11752 0	5.1	8.990 9	2.7	3.7740 3.9	0.246 1	2. 8	0.7 1	1418. 3	35.6	1587.2	31.5	1819. 5	49.7	1819.5	49.7	78.0
NBH8-36	149 1	22338 0	3.7	8.969 1	4.8	4.8605 5.4	0.316 2	2. 4	0.4 4	1771. 0	37.2	1795.4	45.4	1823. 9	87.7	1823.9	87.7	97.1
NBH8-17	123 9	36142 0	1.9	8.929 9	3.2	4.5197 3.8	0.292 7	2. 0	0.5 3	1655. 1	29.0	1734.6	31.4	1831. 8	58.2	1831.8	58.2	90.4
NBH8-42	454	27063 5	6.5	8.897 8	2.5	4.9041 2.7	0.316 5	1. 0	0.3 7	1772. 5	15.5	1803.0	22.9	1838. 4	45.8	1838.4	45.8	96.4
NBH8-25	281	10826 5	1.6	8.890 5	5.0	5.2817 5.1	0.340 6	1. 0	0.2 0	1889. 4	16.4	1865.9	43.6	1839. 8	90.8	1839.8	90.8	102. 7
NBH8-9	309	17448 0	3.9	8.874 9	4.3	5.2145 4.4	0.335 6	1. 0	0.2 3	1865. 7	16.2	1855.0	37.6	1843. 0	77.9	1843.0	77.9	101. 2
NBH8-29	768	18719 5	1.7	8.863 7	1.8	5.1194 2.1	0.329 1	1. 0	0.4 8	1834. 0	16.0	1839.3	17.8	1845. 3	33.3	1845.3	33.3	99.4
NBH8-49	457	10515 0	2.3	8.857 7	3.5	4.7870 3.6	0.307 5	1. 0	0.2 8	1728. 5	15.2	1782.6	30.4	1846. 5	63.0	1846.5	63.0	93.6
NBH8-34	798	10429 5	1.6	8.831 5	2.4	4.6662 2.8	0.298 9	1. 5	0.5 2	1685. 8	21.5	1761.2	23.5	1851. 9	43.6	1851.9	43.6	91.0
NBH8-37	532	24230 5	1.7	8.823 8	2.7	5.3208 2.8	0.340 5	1. 0	0.3 5	1889. 1	16.4	1872.2	24.3	1853. 5	48.1	1853.5	48.1	101. 9
NBH8-19	263	14983 0	3.1	8.803 5	3.2	5.2153 3.3	0.333 0	1. 1	0.3 2	1852. 9	17.1	1855.1	28.4	1857. 6	57.1	1857.6	57.1	99.7
NBH8-59	278	91440 3.3		8.791 9	2.5	5.3327 2.8	0.340 0	1. 2	0.4 3	1886. 9	19.3	1874.1	23.7	1860. 0	45.3	1860.0	45.3	101. 4
NBH8-44	700	29697 5	0.7	8.782 5	3.2	5.2010 3.4	0.331 3	1. 2	0.3 4	1844. 6	18.4	1852.8	28.6	1861. 9	56.9	1861.9	56.9	99.1
NBH8-8	548	12531 0	2.4	8.780 7	3.7	4.8958 4.8	0.311 8	3. 0	0.6 3	1749. 5	45.7	1801.5	40.1	1862. 3	66.8	1862.3	66.8	93.9
NBH8-80	375	27711 5	1.1	8.775 2	4.7	5.2986 5.4	0.337 2	2. 7	0.5 0	1873. 3	43.7	1868.6	46.4	1863. 4	85.1	1863.4	85.1	100. 5
NBH8-16	371	13705 5	2.6	8.761 1	4.3	5.3389 4.4	0.339 2	1. 0	0.2 3	1883. 0	16.3	1875.1	37.8	1866. 3	77.6	1866.3	77.6	100. 9
NBH8-61	331	21358 5	1.7	8.717 7	4.8	5.3967 5.0	0.341 2	1. 5	0.2 9	1892. 5	23.8	1884.3	42.6	1875. 3	85.7	1875.3	85.7	100. 9
NBH8-56	533	30363 0	2.2	8.702 1	1.9	5.0532 2.7	0.318 9	2. 0	0.7 3	1784. 5	31.2	1828.3	23.2	1878. 5	33.7	1878.5	33.7	95.0

NBH8-66	113	63120	1.2	8.674	4	3.7	5.5074	4.3	0.346	5	2.	3	0.5	1917.	8	38.8		1901.8	37.3	1884.	3	65.8	1884.3	65.8	101.	8
NBH8-32	298	12868	0	4.2	8.657	3	2.8	5.3556	3.1	0.336	3	1.	0.4	1868.	7	21.9		1877.8	26.8	1887.	8	51.0	1887.8	51.0	99.0	
NBH8-4	198	10981	5	1.5	8.624	5	3.4	5.5056	3.6	0.344	4	1.	0.3	1907.	7	22.1		1901.5	31.0	1894.	7	60.3	1894.7	60.3	100.	7
NBH8-78	492	21364	5	2.2	8.572	1	3.6	5.3411	3.8	0.332	1	1.	0.2	1848.	4	17.7		1875.5	32.5	1905.	6	65.4	1905.6	65.4	97.0	
NBH8-14	310	97630	3.7	1	2.4	8.560	5.6364	2.6	0.349	9	1.	0.3	1934.	3	16.7		1921.7	22.6	1908.	1	43.5	1908.1	43.5	101.	4	
NBH8-64	630	34807	0	6.9	8.557	2	4.4	5.2554	4.5	0.326	2	1.	0.2	1819.	8	15.9		1861.7	38.3	1908.	7	78.7	1908.7	78.7	95.3	
NBH8-58	514	24521	0	2.8	8.554	9	2.9	5.3692	3.1	0.333	1	0.	0.3	1853.	6	16.1		1880.0	26.2	1909.	2	51.9	1909.2	51.9	97.1	
NBH8-43	418	26690	5	2.6	8.549	9	3.1	5.4087	3.6	0.335	4	1.	0.5	1864.	5	30.9		1886.2	31.1	1910.	3	55.3	1910.3	55.3	97.6	
NBH8-39	676	29912	0	24.8	8.546	6	2.9	5.3889	3.2	0.334	0	1.	0.4	1857.	9	21.6		1883.1	27.5	1911.	0	52.4	1911.0	52.4	97.2	
NBH8-31	896	13501	5	4.4	8.534	0	1.8	4.5707	5.6	0.282	9	5.	0.9	1605.	9	75.9		1743.9	46.9	1913.	6	31.6	1913.6	31.6	83.9	
NBH8-63	223	15237	5	1.6	8.524	0	2.6	5.7412	2.8	0.354	9	1.	0.3	1958.	1	16.9		1937.6	24.3	1915.	7	47.0	1915.7	47.0	102.	2
NBH8-55	393	24016	0	2.7	8.522	8	4.2	5.8144	4.3	0.359	4	1.	0.2	1979.	3	17.0		1948.6	37.3	1916.	0	75.2	1916.0	75.2	103.	3
NBH8-65	118	44342	5	11.0	8.507	6	3.2	5.4791	3.4	0.338	1	0.	0.3	1877.	4	16.3		1897.3	28.8	1919.	2	57.4	1919.2	57.4	97.8	
NBH8-15	632	18312	5	1.7	8.490	4	5.5	5.2525	5.9	0.323	4	2.	0.3	1806.	5	36.2		1861.2	50.6	1922.	8	98.0	1922.8	98.0	94.0	
NBH8-24	154	25567	8	5	8.472	2	2.4	4.5323	2.6	0.278	5	1.	0.3	1583.	8	14.0		1736.9	21.9	1926.	6	43.5	1926.6	43.5	82.2	
NBH8-7	117	13840	2.9	8.464	4	1.8	4.3497	7.2	0.267	0	7.	0.9	1525.	7	94.7		1702.8	59.5	1928.	3	32.1	1928.3	32.1	79.1		
NBH8-60	526	18732	0	6.7	8.461	8	2.7	5.2679	3.4	0.323	3	2.	0.5	1805.	8	31.8		1863.7	29.1	1928.	9	49.1	1928.9	49.1	93.6	
NBH8-11	877	18069	5	9.3	8.459	7	3.6	4.6749	5.8	0.286	8	4.	0.7	1625.	7	64.7		1762.8	48.5	1929.	3	65.2	1929.3	65.2	84.3	
NBH8-79	283	18258	0	4.2	8.441	5	4.7	5.5508	4.9	0.339	8	1.	0.2	1885.	9	21.7		1908.5	42.0	1933.	2	84.2	1933.2	84.2	97.6	
NBH8-45	761	29267	5	4.9	8.386	5	3.2	5.3164	3.3	0.323	4	1.	0.3	1806.	2	15.8		1871.5	28.3	1944.	8	56.3	1944.8	56.3	92.9	
NBH8-10	128	31279	8	0	8.360	0	4.0	5.4710	4.1	0.331	7	1.	0.2	1846.	7	16.1		1896.1	35.4	1950.	5	71.5	1950.5	71.5	94.7	
NBH8-12	124	31618	8	5	8.336	5	2.7	5.6204	3.0	0.339	8	1.	0.4	1885.	8	21.9		1919.2	26.1	1955.	5	48.6	1955.5	48.6	96.4	
NBH8-81	247	90115	1.2	2	8.327	2.0	5.8676	2.5	0.354	4	1.	0.5	1955.	4	24.5		1956.5	21.7	1957.	5	36.4	1957.5	36.4	99.9		
NBH8-6	90	72050	2.7	8.295	0	3.2	5.8499	3.3	0.351	9	1.	0.3	1943.	8	16.8		1953.8	29.0	1964.	4	56.9	1964.4	56.9	99.0		
NBH8-77	446	12932	1.4	8.286	3.6	5.6343	4.2	0.338	2	0.5	1880.	33.9		1921.4	35.9	1966.	64.2	1966.3	64.2	95.6						

		0	2			6	1	0	0			3				
NBH8-50	523	318240	2.3	8.2848	3.6	5.9330	3.7	0.3565	1.0	0.27	1965.5	16.9	1966.1	32.3	1966.6	99.9
NBH8-5	1075	43125	5.5	8.2774	4.2	5.0666	5.3	0.3042	3.2	0.60	1711.9	47.7	1830.5	44.6	1968.2	87.0
NBH8-52	504	139165	73.2	8.2227	4.2	6.1907	4.3	0.3692	1.0	0.23	2025.6	17.4	2003.1	37.3	1980.0	102.3
NBH8-57	1242	331555	2.4	8.2159	2.6	5.6091	2.8	0.3342	1.0	0.36	1858.8	16.1	1917.5	23.8	1981.5	93.8
NBH8-54	437	259780	2.4	8.1968	5.7	5.6889	6.2	0.3382	2.4	0.38	1878.0	38.4	1929.7	53.2	1985.7	101.2
NBH8-21	330	115220	4.0	8.1820	5.0	5.3583	5.3	0.3180	1.6	0.31	1779.8	25.0	1878.2	45.0	1988.9	89.5
NBH8-46	453	157595	3.9	8.0743	2.7	5.3524	3.6	0.3134	2.4	0.67	1757.6	36.9	1877.3	30.9	2012.4	87.3
NBH8-30	132	15795	1.7	8.0575	2.9	5.7535	3.6	0.3362	2.1	0.59	1868.5	34.2	1939.4	30.9	2016.1	92.7
NBH8-41	140	30000	1.7	7.9461	2.8	5.4689	3.1	0.3152	1.2	0.38	1766.1	18.2	1895.7	26.4	2040.8	86.5
NBH8-33	713	188210	2.5	7.8540	3.8	5.9007	4.6	0.3361	2.5	0.55	1868.0	40.7	1961.3	39.8	2061.3	90.6
NBH8-35	409	168230	0.7	7.5800	2.0	7.1504	2.2	0.3931	1.0	0.45	2137.2	18.2	2130.3	20.0	2123.7	100.6
NBH8-53	275	223145	2.1	7.5772	2.7	6.5369	3.7	0.3592	2.5	0.67	1978.5	42.1	2050.9	32.5	2124.4	93.1
NBH8-23	1168	180160	2.8	7.3488	4.7	6.0770	5.8	0.3239	3.3	0.58	1808.7	52.7	1987.0	50.6	2177.8	83.1
NBH8-27	132	82700	1.3	7.2794	2.5	7.7872	2.7	0.4111	1.0	0.37	2220.1	18.8	2206.7	24.5	2194.3	101.2
NBH8-76	372	32590	2.7	7.1919	5.8	8.2588	6.5	0.4308	3.1	0.47	2309.2	59.4	2259.8	59.3	2215.3	104.2
NBH8-22	143	51865	1.2	7.0672	3.8	8.2894	5.0	0.4249	3.3	0.66	2282.6	63.1	2263.2	45.2	2245.6	101.6
NBH8-40	110	57315	1.2	7.0442	5.6	7.9226	7.8	0.4048	5.4	0.69	2190.9	99.6	2222.2	70.1	2251.2	97.3
NBH8-3	108	61560	2.1	6.7572	4.5	8.9129	5.5	0.4368	3.2	0.58	2336.3	62.5	2329.1	50.3	2322.8	100.6
NBH8-62	66	75755	1.4	6.6245	3.3	8.7293	3.4	0.4194	1.1	0.32	2257.8	20.8	2310.1	31.4	2356.8	95.8
NBH8-13	308	193530	1.1	6.1587	3.5	10.0700	3.8	0.4498	1.3	0.35	2394.4	26.8	2441.2	35.0	2480.5	96.5
NBH8-47	307	383700	1.3	5.9759	4.3	9.9040	4.5	0.4293	1.6	0.35	2302.4	30.4	2425.9	42.0	2531.2	91.0
NBH8-1	306	206700	2.1	5.9557	5.4	10.8854	5.5	0.4702	1.2	0.21	2484.4	24.5	2513.4	51.6	2536.9	97.9
NBH8-20	469	179410	1.4	5.9531	3.0	10.7374	3.6	0.4636	2.6	0.57	2455.4	42.1	2500.7	33.8	2537.6	96.8

Notes:

1. All uncertainties are reported at the 1-sigma level, and include only measurement errors. Systematic errors would increase age uncertainties by 1-2%.
2. U concentration and U/Th are calibrated relative to our Sri Lanka standard zircon, and are accurate to ~20%.
3. Common Pb correction is from 204Pb, with composition interpreted from Stacey and Kramers (1975) and uncertainties of 1.0 for 206Pb/ 204Pb, 0.3 for 207Pb/ 204Pb, and 2.0 for 208Pb/ 204Pb.
4. U/Pb and 206Pb/ 207Pb fractionation is calibrated relative to fragments of a large Sri Lanka zircon of 563±3.2 Ma (2-sigma) (Gehrels et al., 2008).
5. U decay constants and composition as follows: $^{238}\text{U} = 9.8485 \times 10^{-10}$, $^{235}\text{U} = 1.55125 \times 10^{-10}$, $^{238}\text{U}/^{235}\text{U} = 137.88$
6. Concordance generally not shown (NA) for analyses with best ages <500 Ma, because 206Pb/207Pb ages are not reliable for analyses these young analyses.
7. All samples were ablated with 35 micron-diameter beam, except for BU07-54, BU07-55, and BU08-72, which had smaller zircons and were hit with a 25 micron-diameter beam, and therefore have lower precision, particularly for $^{206}\text{Pb}/^{207}\text{Pb}$ ages.

Table DR2:

	206Pb/238U	206Pb/207Pb	206Pb/238U		206Pb/238U	
			s.e. (%)	s.e. (%)	standard ave. age (Ma)	standard std. dev. (Ma)
BU07-53	2.4	1.1	565		15	970
BU07-54	1.4	1.2	564		13	970
BU08-135	2.1	1	564		2	970
BU08-72			564		3	970
BU08-18	3.3	1.2	563		3	1100
NBH-3	3.3	1.1	565		15	1000
NBH-4	4.2	1.4	562		24	970
BU07-55	2.5	1	564		5	970
BU07-43A	3.4	1.3	564		18	970
BU07-42	3.5	1.2	566		18	970
BU07-22	2	0.9	564		11	970
BU07-10	2.1	1.2	563		12	1000
NBH-8	2.6	1.6	564		17	970

Table DR3: $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values for Baxa Group dolomite (duplicates in bold)

		$\delta^{13}\text{C}$		$\delta^{18}\text{O}$		$\delta^{13}\text{C}$	$\delta^{18}\text{O}$	
section ID	sample ID	(KIS) \pm	(KIS) \pm	(VPDB)	(VPDB)	(VPDB)	(VPDB)	Max P
BHU1	2	8.18	0.04	-2.26	0.07	4.22	-6.86	858
BHU1	2	8.08	0.02	-2.55	0.03	4.25	-7.03	1013
BHU1	3	7.47	0.01	-2.39	0.03	3.52	-6.99	872
BHU1	4	7.63	0.01	-2.43	0.03	3.68	-7.03	1090
BHU1	5	6.79	0.04	-2.82	0.03	2.85	-7.42	1058
BHU1	6	7.42	0.05	-1.19	0.11	3.47	-5.80	1041
BHU1	6	7.15	0.03	-1.36	0.03	3.40	-5.93	909
BHU1	8	7.29	0.02	-2.45	0.02	3.34	-7.06	1070
BHU1	9	7.54	0.02	-1.16	0.02	3.71	-5.65	1193
BHU1	10	8.66	0.02	-0.12	0.02	4.70	-4.75	528
BHU1	11	8.92	0.02	0.14	0.03	4.96	-4.49	1109
BHU1	12	7.95	0.06	0.31	0.08	4.00	-4.31	350
BHU1	12	7.75	0.03	0.13	0.01	4.00	-4.43	919
BHU1	13	7.37	0.02	-1.69	0.04	3.55	-6.17	650
BHU1	14	8.10	0.04	-1.57	0.05	4.14	-6.18	955
BHU1	15	7.66	0.03	2.15	0.06	3.71	-2.49	1148
BHU1	16	7.13	0.02	-2.03	0.05	3.37	-6.59	292
BHU1	17	7.26	0.03	-2.78	0.02	3.43	-7.26	568
BHU1	18	7.65	0.03	-1.34	0.02	3.90	-5.90	786
BHU1	18	7.96	0.05	-1.20	0.08	4.00	-5.81	1224
	strat level (m)							
CBU1	1.0	8.84	0.02	-1.35	0.01	5.04	-5.82	1589
CBU1	1.0	8.87	0.01	-1.47	0.02	5.07	-5.87	1303
CBU1	2.3	10.71	0.01	0.73	0.01	6.92	-3.73	1869
CBU1	3.6	10.45	0.01	-0.77	0.02	6.66	-5.24	1309
CBU1	3.6	10.38	0.02	-0.61	0.03	6.57	-5.30	1253
CBU1	5.1	9.92	0.01	-5.24	0.02	6.13	-9.66	795
CBU1	5.1	9.91	0.01	-5.15	0.02	6.12	-9.65	1519
CBU1	5.8	9.96	0.01	-0.73	0.02	6.17	-5.13	1163
CBU1	6.8	9.54	0.02	0.57	0.03	5.75	-3.89	1819
CBU1	7.9	9.75	0.01	0.85	0.02	5.96	-3.54	1183
CBU1	13.9	9.31	0.02	-1.55	0.05	5.52	-6.02	1779
CBU1	13.9	9.33	0.02	-1.64	0.02	5.53	-6.04	689
CBU1	15.5	8.79	0.01	-2.19	0.02	5.00	-6.60	923
CBU1	21.0	8.62	0.03	-5.07	0.03	4.83	-9.57	1679
CBU1	26.6	8.69	0.03	-4.92	0.05	4.89	-9.42	1689
CBU1	26.6	8.73	0.01	-5.04	0.03	4.93	-9.46	779

CBU1	31.6	10.12	0.01	1.23	0.02	6.33	-3.16	823
CBU1	32.6	9.82	0.02	-3.32	0.04	6.03	-7.81	799
CBU1	33.6	9.99	0.01	-3.37	0.03	6.20	-7.79	648
CBU1	34.6	9.28	0.02	-4.33	0.04	5.49	-8.82	1649
CBU1	34.6	9.33	0.01 -4	.45 0.	.02	5.54	-8.87	753
CBU1	37.4	9.24	0.02	-2.68	0.03	5.45	-7.17	1649
CBU1	40.3	9.82	0.01	-1.99	0.03	6.03	-6.47	1619
CBU1	41.2	9.69	0.00	-2.31	0.02	5.90	-6.72	1243
CBU1	43.1	9.18	0.01	-4.82	0.02	5.39	-9.32	1289
CBU1	43.1	9.18	0.02 -4	.87 0.	.02	5.38	-9.30	738
CBU1	47.2	9.15	0.01	-3.47	0.01	5.36	-7.96	1549
CBU1	48.3	9.10	0.04	-4.25	0.07	5.31	-8.68	1233
CBU1	55.6	7.19	0.01	-0.35	0.02	3.39	-4.82	1079
CBU1	58.6	5.35	0.01	-2.45	0.01	1.53	-6.86	1123
CBU1	58.6	5.33	0.03 -2	.40 0.	.03	1.51	-6.81	745
CBU1	60.1	4.97	0.01	-1.87	0.01	1.16	-6.35	1549
CBU1	63.3	4.54	0.01	-2.75	0.02	0.71	-7.17	863
CBU1	67.0	6.34	0.00	-2.44	0.01	2.53	-6.93	1219
CBU1	67.0	6.28	0.01 -	2.28 0	.03	2.50	-6.96	1302
CBU1	68.0	5.12	0.02	-2.87	0.02	1.30	-7.28	1083
CBU1	68.0	5.06	0.01 -	2.62 0	.03	1.28	-7.30	1283
CBU1	73.5	6.21	0.01	-3.26	0.03	2.40	-7.75	1769
CBU1	75.0	5.17	0.02	-4.32	0.02	1.35	-8.75	735
CBU1	76.5	5.68	0.01	-2.90	0.03	1.88	-7.38	1609
CBU1	76.5	5.67	0.01 -	3.01 0	.01	1.85	-7.42	1013
CBU2	0.0	9.47	0.02	0.74	0.02	5.67	-3.95	1263
CBU2	1.0	8.93	0.01	-1.18	0.02	5.14	-5.87	1263
CBU2	5.0	8.43	0.03	0.38	0.03	4.64	-4.31	1295
CBU2	5.0	8.46 0	.01	0.51 0	.01	4.67	-4.18	1148
CBU2	8.0	8.82	0.01	-0.40	0.03	5.02	-5.09	1231
CBU2	10.0	8.97	0.01	0.03	0.03	5.17	-4.67	1310
CBU2	12.0	8.22	0.02	-1.07	0.03	4.43	-5.75	1207
CBU2	14.0	8.72	0.02	0.02	0.02	4.92	-4.67	1153
CBU2	14.8	9.08	0.03	1.20	0.01	5.29	-3.49	1278
CBU2	16.0	9.48	0.03	0.76	0.03	5.68	-3.93	1219
CBU2	18.0	8.83	0.02	-2.71	0.03	5.03	-7.39	1205
CBU2	20.0	8.20	0.02	-5.06	0.02	4.41	-9.73	1136
CBU2	31.0	8.59	0.02	-1.07	0.05	4.80	-5.75	1192
CBU2	33.0	8.75	0.03	-0.48	0.04	4.95	-5.17	1234
CBU2	35.0	8.61	0.01	-3.20	0.02	4.81	-7.87	1300

CBU2	37.0	8.59	0.01	-3.81	0.03	4.79	-8.48	1285
CBU2	39.0	9.23	0.02	-3.40	0.02	5.43	-8.07	1183
CBU2	41.0	8.59	0.01	-3.98	0.02	4.80	-8.65	1129
CBU2	41.0	8.57	0.02	-4.09 0	.02	4.77	-8.76	1256
CBU2	48.0	8.53	0.02	-1.14	0.04	4.73	-5.83	1268
CBU2	50.0	8.65	0.02	-2.74	0.02	4.85	-7.42	1278
CBU2	52.0	8.93	0.01	-2.55	0.02	5.14	-7.23	1180
CBU2	53.5	8.80	0.01	0.73	0.04	5.00	-3.97	1205
CBU2	57.0	9.00	0.02	-2.43	0.03	5.20	-7.11	1246
CBU2	61.0	8.43	0.02	-5.18	0.02	4.63	-9.84	985
CBU2	63.0	8.96	0.01	-3.34	0.03	5.17	-8.02	1097
CBU2	65.0	8.74	0.02	-2.54	0.03	4.94	-7.22	1231
CBU2	65.2	8.02	0.02	-4.63	0.03	4.23	-9.30	1222
CBU2	75.0	9.23	0.02	-3.32	0.05	5.43	-8.00	1053
CBU2	85.0	5.33	0.02	-5.31	0.03	1.55	-9.97	1297
CBU2	85.0	5.39	0.04	-5.39	0.03	1.59	-9.89	1049
CBU5	1.0	7.96	0.02	-1.67	0.03	4.17	-6.35	1129
CBU5	3.0	10.43	0.02	-2.09	0.01	6.62	-6.78	1060
CBU5	4.0	10.28	0.01	0.68	0.03	6.48	-4.01	1124
CBU5	5.0	9.15	0.02	-1.39	0.01	5.35	-6.08	1248
CBU5	5.0	9.07	0.02	-1.48 0	.03	5.27	-6.16	1195
CBU5	5.2	9.68	0.01	-2.99	0.03	5.88	-7.66	1156
CBU5	6.0	7.95	0.01	-2.53	0.02	4.16	-7.21	1244
CBU5	6.1	7.33	0.02	-3.66	0.02	3.54	-8.34	1075
CBU5	7.0	7.25	0.01	0.99	0.02	3.47	-3.71	1273
CBU5	8.0	7.86	0.02	0.07	0.02	4.07	-4.62	1241
CBU5	8.0	7.89 0	.02	0.14 0	.02	4.10	-4.56	1273
CBU5	9.0	8.13	0.04	0.78	0.03	4.34	-3.92	1361
CBU5	9a	7.07	0.01	-0.37	0.03	3.28	-5.06	1231
CBU5	10.0	7.45	0.03	-2.14	0.05	3.66	-6.82	1229
CBU5	11.0	8.15	0.02	-0.66	0.04	4.36	-5.34	1248
CBU5	12.0	6.54	0.02	-2.87	0.03	2.76	-7.55	1148
CBU5	13.0	5.60	0.03	-0.90	0.04	1.82	-5.58	1224
CBU5	14.0	7.77	0.02	0.69	0.02	3.97	-3.77	1639
CBU5	14.0	7.80 0.	01	0.61 0.	02	4.00	-3.78	427
CBU5	15.0	7.19	0.01	1.26	0.02	3.39	-3.19	1219
CBU5	16.0	7.76	0.01	-0.54	0.02	3.96	-4.94	1013
CBU5	17.0	8.05	0.01	-1.43	0.01	4.25	-5.90	1319
CBU5	17.0	8.07	0.02	-1 .42 0.	02	4.27	-5.83	601
CBU5	18.0	9.26	0.02	-3.52	0.02	5.47	-8.01	1519

CBU5	19.0	9.55	0.03	-2.05	0.02	5.76	-6.46	658
CBU5	20.0	9.91	0.01	-2.76	0.03	6.12	-7.25	899
CBU5	20.0	9.89	0.02	-2 .93	0. 03	6.10	-7.34	613
CBU13	11.0	7.36	0.01	-4.17	0.02	3.56	-8.67	1719
CBU13	11.0	7.40	0.07	-4 .20	0. 09	3.60	-8.62	777
CBU 13	13.0	8.14	0.02	-0.61	0.01	4.34	-5.01	798
CBU13	22.0	8.25	0.05	0.88	0.08	4.45	-3.58	1379
CBU13	25.0	7.06	0.03	-2.76	0.02	3.26	-7.18	782
CBU13	31.0	7.96	0.02	0.33	0.01	4.17	-4.14	1689
CBU13	38.5	8.21	0.02	0.68	0.01	4.41	-3.71	789
CBU13	40.0	8.00	0.02	0.00	0.02	4.21	-4.47	1679
CBU13	40.0	8.00	0	.01	0.02	0	.02	4.21
CBU13	40.0	8.00	0	.01	0.02	0	.02	4.21
CBU13	57.0	7.90	0.02	0.18	0.04	4.10	-4.22	933
CBU13	63.0	8.19	0.02	0.08	0.02	4.39	-4.38	1019
CBU13	63.0	8.24	0.	.01	0.01	0.	.03	4.44
CBU13	72.0	7.82	0.01	0.47	0.02	4.02	-4.00	1529
CBU13	107.0	7.27	0.01	0.25	0.02	3.46	-4.14	873
CBU 13	111.0	7.35	0.02	0.49	0.04	3.56	-3.98	733
CBU 13	111.0	7.32	0.	.01	0.35	0.	.03	3.51
CBU 13	127.0	6.95	0.02	-0.92	0.03	3.15	-5.40	1699
CBU 13	137.0	7.23	0.01	0.11	0.02	3.42	-4.29	753
CBU 13	141.0	7.23	0.02	0.69	0.02	3.43	-3.77	686
CBU 13	146.0	7.37	0.01	-0.11	0.01	3.57	-4.51	767
CBU 13	148.0	7.28	0.01	0.72	0.02	3.48	-3.74	1099
CBU 13	148.0	7.29	0.	.02	0.64	0.	.01	3.48
CBU 13	151.0	7.31	0.01	0.05	0.02	3.51	-4.41	1449
CBU 13	156.0	7.93	0.02	-1.79	0.01	4.12	-6.20	432
CBU 13	159.0	7.31	0.02	0.35	0.03	3.51	-4.12	703
CBU 13	159.0	7.25	0.	.02	0.23	0.	.03	3.44
CBU 13	167.0	6.81	0.03	-1.66	0.04	3.01	-6.14	1359
CBU 13	177.0	7.10	0.00	-2.28	0.02	3.29	-6.69	743
CBU 13	180.0	7.63	0.02	-1.27	0.03	3.84	-5.75	1439
CBU 13	180.0	7.66	0.01	-1 .31	0. 03	3.86	-5.72	963
CBU 13	182.0	7.91	0.02	-0.96	0.01	4.11	-5.44	775