BAYMAG MINES CO. LIMITED

1999 GEOLOGICAL REPORT

BLASTHOLE ANALYSIS

- Consisted of the assaying of air-trac percussion holes located in the upper and lower pit areas of Mining Lease M31.

GOLDEN MINING DIVISION

NTS 82 J/13 @ 562700 N, 593000 E

LATITUDE 50 47' N LONGITUDE 115 41' W

CLAIMS OWNED BY: Baymag Mines Co. Limited

AUTHORS: Ian Knuckey & Patricia Sutherland

DATE SUBMITTED: August 2, 1999

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1.0 INTRODUCTION

1.1 Location and Access

The Mt. Brussilof Magnesite mine is located within Mining Lease M31, immediately north of the confluence of the Mitchell River and Assiniboine Creek approximately 35 km northeast of Radium Hot Springs in the East Kootenay District of British Columbia. (see Figure #1, "Location Map") The property is crossed by latitude 50°47'N and longitude 115° 41'W.

Access to the mine site is by Provincial Highway 93 to Settlers Road in Kootenay National Park. Settlers Road leads south-southeast along the valley of the Kootenay River. At a distance of 12 kilometers the Palliser road turns east off Settlers Road to the 14 km mark. The Cross River road trends northeast along the south side of the Cross River Valley to the 32 km mark. The Mitchell River road turns northward toward the mine at the 38 km mark. (see Figure # 2, "Regional Location Map")

The gravel road which is maintained year round by Baymag is 38 km in length from the highway to the mine site.

1.2 Previous Work

The current property is comprised of 461 contiguous claims in the Golden Mining Division.(see Figure #3, "Baymag Claims Map")

The magnesite occurrence was first discovered by G.B. Leech of the Geological Survey of Canada who was conducting a mapping program in the area. Grab samples, taken during the program, assayed up to 97% magnesite. As a result of the Leech report, New Jersey Zinc Exploration Canada Ltd. staked the area and conducted a mapping and diamond drill program. Imperial Oil Enterprises also investigated the area but no additional work was performed. Baykal Minerals Ltd. conducted a mapping program in 1969 which resulted in acquisition of additional claims to bring the total to 278. Baykal Minerals arranged with New Jersey Zinc Exploration Canada Ltd. to conduct mining on their claims.

Following the completion of field work in 1969 to 1970 which included diamond drilling programs, a production feasibility report was completed by Acres Western Limited of Vancouver for Baykal Minerals Ltd.

During 1971, Brussilof Resources Limited and Baykal Minerals Ltd. amalgamated to form Baymag Mines Co. Limited.

The property was optioned to Canadian Exploration Limited (CANEX) in 1972. CANEX conducted a field orientation program which included 2819.4 meters of diamond drilling to bring the total length then drilled on the property to 5,255 meters. Geological mapping of specific areas was also completed.

In 1975 a 250 mt bulk sample was shipped to Refratechnik, a major German producer of refractory products, who showed interest in securing a raw material source. Crushed material was then forwarded to the research and manufacturing companies of KHD, Lorgi, and Polysius for research into developing a modern technology for calcining and dead-burning Mt. Brussilof type ore.

In 1979 Baymag Mines Co. Limited, a subsidiary of Refratechnik GmbH of West Germany, contracted Techman Ltd. and Kilborn Engineering (B.C.) Ltd. to re-evaluate the feasibility of bringing the magnesite deposit into production. The evaluation involved surveys, 130 meters of percussion drilling, 75 meters of shallow diamond drilling and bulk sample extraction. A 100 ton sample of magnesite was extracted from a site on Rok 17 (now mine lease M31) and shipped to a crusher to be reduced to a minus 10 millimeter mesh. The crushed sample was then shipped to Nichols Engineering and Research in New Jersey to be dead burnt. The dead burnt material was briquetted for further testing.

In 1981 Baymag entered into a contractual agreement with John Wolfe Construction Co. Ltd. to operate the mine and also to be responsible for ore supply to the production plant at Exshaw, Alberta, a facility leased from Canada Cement Lafarge.

During 1984, eight exploration holes totaling a length of 731.5 meters of diamond drilling was completed on the Rok 17 claim. The core was descriptively logged, sampled and assayed.

A major exploration program was conducted in 1987, the purpose of which was to investigate the extension of the known magnesite deposit up-slope from the current pit development and further delineate and evaluate the quality and quantity of the ore in the immediate vicinity of the active mining operations. Thirty-four diamond drill holes totaling 2707 meters were drilled, logged, sampled and assayed.

A smaller exploration program was conducted in 1989 in two areas of the claim block. In the area proximal to the current mine development, the goal was to further delineate and evaluate the quality and quantity of ore immediately north of the known reserves. Fifteen shallow diamond drill holes totaling 273 meters were drilled, logged, sampled and assayed. The other area of interest was near the confluence of the Cross and Mitchell Rivers on the southern Vano claims (now Bay 19 & 21 claims). Ten shallow diamond drill holes totaling 110 meters were drilled, logged, sampled and assayed.

The following year Baymag acquired new ground up the Alcanterra, Assiniboine and Aurora Creeks bringing the total number of claims to 461 units.

A small percussion drill hole program was conducted in 1990 with the goal of delineating zones of contamination near the little explored upper pit area. A total of 370 meters was drilled, sampled and assayed. It became evident that these localized contamination zones greatly influence the direction of pit development. Future drill and assay programs will be targeted toward these structures.

Eight shallow percussion holes were drilled in the summer of 1991 to further delineate the zones of contamination in the north section of the upper pit. A total of 166 m were drilled, logged and assayed.

A diamond drilling program consisting of 16 holes was drilled in the summer of 1992. A total of 950 m was drilled concentrated in an area immediately north of the upper pit. The program hoped to delineate new reserves and determine future pit development.

A small exploration program was conducted in 1993 on the Bay-21 claim. Three diamond drill holes totaling 182 meters were drilled, logged, sampled and assayed.

At the end of the 1993 exploration program a total of 27 percussion holes and 145 diamond drill holes had been drilled on the property. This brings the total length diamond drilled to 10,280 meters and total percussion drilling to 500 meters.

Commercial scale mining started in the second quarter of 1982 and has increased dramatically since then. The Baymag mine is an open pit operation which is run year round and currently produces 180,000 mtpy of high quality magnesite ore.

1.3 Geological Summary of Orebody

The genesis of the deposit is thought to be replacement of a fine grained grey dolomite by magnesite with most likely several phases of replacement and/or re-crystallization occurring. The ore is generally white to pale grey in colour and is coarsely crystalline. The orebody is a relatively homogenous high grade deposit viewed on a large scale. Closer examination, predominantly by chemical analysis, have identified that broad irregular zones of contaminants occur through such forms as veining, in-filling of fractures and within the magnesite matrix itself. The value of these contaminants and the form in which they occur play a key role in determining whether the material is considered as straight ore, complimentary ore, marginal ore or waste.

The components of vein material are generally fine grained pyrite and/or aphanitic white dolomite. Veins occur as irregularly oriented structures with individual veins swelling to thickness' of 10 cm and pinching out to nothing. Some veins, especially pyrite, tend to form in swarms covering areas tens of meters wide.

In-filling of fractures occurs in thickness' up to 5 cm and generally occurs as a light brown silty clay material, aphanitic white dolomite or as pyrite. Minor occurrences of palygorskite can sometimes be seen coating fracture walls. The fractures are generally narrow elongated curvi-planar structures with local deviations of strike and dip. An invisible chemical halo often brackets the more visible fracture. These halos pinch and swell in a similar manner as veining but on a larger scale.

The interstitial or in-matrix contaminants are comprised of thin coatings of calcite or dolomite between magnesite crystals or as a simple Ca ion exchange within the crystal lattice itself. This form of contamination is the most broad form, covering areas as wide as 100 meters. With sufficient drilling, these areas can now be generally classified in the complimentary and marginal ore types as contaminant values are usually less than occur in the other forms of contamination.

The competitive market and specific end uses of magnesite places great importance on the chemical specification of the product. Somewhat unique to industrial minerals and magnesite in particular is the requirement of continually meeting a set grade specification without receiving any bonus for surpassing it. Material under spec on the other hand, has a very sharp value cutoff and is essentially valueless mere tenths of a percent below spec. Most if not all natural deposits rarely conform to such strict boundaries (e.g. some material within the deposit is above spec, some right at spec and some below.) As a result before mining can be contemplated, a complex and feasible sequence of blending ore quality and ore type have to be determined. The Brussilof deposit is somewhat lucky in this respect in that chemical analysis of the orebody has confirmed that some inverse grade relationships exist. For example, when the ore has iron values above spec the calcium values are often consistently below spec and vice versa. Other similar relationships exist with other element pairs to a lessor degree. Baymag has initiated a complementary ore pile strategy in order to capitalize on this characteristic. Complimentary material from different blasts are routinely blended together to achieve a uniform product exactly at the spec level thereby optimizing usage of the deposit.(a high iron low calcium blast which by itself would be waste is blended with a low iron high calcium which again by itself would be waste resulting in on-spec ore) (the right waste with its correct complimentary waste results in ore)

Results from blasthole assaying in areas of broad contamination enable quality control to design blending scenarios which result in the selective sorting and subsequent salvage of material otherwise destined for the waste dump.

The varying nature of the joint orientation (dip and direction) as well as change in mineral content, the halo effect and the lack of visibility in the floor have made the reliance on chemical analysis crucial.

2.0 DETAILED TECHNICAL DATA AND INTERPRETATION

2.1 Purpose

The main objectives of the blasthole analysis program are:

- to evaluate and model current blasthole rounds and thereby assist quality control at the mine
- to use collated blastholes by benches to aid in future development decisions

2.2 Methodology

Blastholes are set out in grid style approximately in a 2.5 X 2.5 meter pattern. An air-track percussion drill is used to drill 6 meter deep holes. The cuttings of each hole are examined and collected into a sample bag and tagged with a four digit sample number. After drilling is completed the pattern is surveyed.

The blasthole samples are assayed for MgO and four prominent contamination elements found at the mine; CaO, Fe_2O_3, Al_2O_3 and SiO_2. Samples of each round are collected daily and taken to the Baymag Lab in Exshaw, Alberta for analysis.

The analyses are merged with their associated survey locations and entered in the blasthole module database. Blasthole assays are interpreted in several stages.

When first sampled, they are used as the primary database for modeling their associated round. The blast is modeled with this data using a geo-statistical kriging technique. Linear features and zones of contamination can generally be seen in the pattern. This information is passed to quality control at the mine to assist in ore extraction.

The assays are also used at a later date on a much larger scale. All assays belonging to a single bench are plotted together in one amalgamated bench map similar to figure # 5, but with each of the element values (Ca, Fe...) not sample numbers. The plot may consist of up to 100 separate rounds. These blasthole bench plans help in predicting what the next bench below might bring and how best to plan its extraction. Mine geologists also keep a record of linear and zonal features (joints, faults...). This is important as these features are very difficult if not impossible to visually discern on the pit floor. The feature's trend and coordinates can be ascertained from these plans and entered into a survey instrument and its position marked accurately in the field.

2.3 Data

All samples were taken within the Mining Lease M31 in both the Upper and Lower open pits. A total of 2724 samples were collected and analyzed during the period May 28, 1998 to April 23, 1999. The samples occurred over two mine benches at elevations 1354 and 1450 meters. A sample location map is provided to locate the holes. (see Figure # 5, "Plan Map - Sample Locations") See Appendix A for the individual assay sheets. The assays are grouped by individual blast and then sample number. Sample information includes sample number, unit number, easting, northing, elevation and grade values.

2.4 Interpretation

A summary of sub-surface conditions encountered during the assaying program is presented herein. The summary represents a preliminary assessment of geological conditions which could have an effect on the continued development and production in the area. In order to facilitate the quality control process, a total of 2724 blastholes were drilled and analyzed. Assay results from these holes are instrumental in the delineation of otherwise undetectable contamination zones necessary in the modeling process to help quality control at the mine as well as for determining the direction of future development in forthcoming benches.

Analysis of the upper pit blasthole cuttings have established that nine east-west joints, two north-south joints and one joint trending north-west to south-east have sliced through the high-grade orebody. With the exception of joint 5, which is a wider structure containing a calcium stained in-fill, all were visually indistinguishable in the pit floor. Five zones of contamination described as iron, calcium, pinolitc magnesite, silica and sugary dolomite were also identified by using the blastholes results. (see Figure # 4 "Geological Interpretation")

The newly identified north-south trending joint #17 has variable in-filling of calcium clay, dolomite and iron as it stretches over the north section of the pit. The second north-south trending joint 14, which roughly parallels joint 17, only contains calcium clay. Number 19 joint which strikes diagonally through an iron zone, is in-filled with calcium clay. Joint #3 contains elevated silica values usually in the form of palygorskite. In-filling of calcium and iron were located in joints #15, 16 and 18. Although in close proximity with joint # 15, joint # 16 also showed signs of dolomite in-filling. Joints 4 ,10, 13 and 20 all contain calcium clay with number 10 also containing iron pyrite.

The iron zone outlined in the upper pit is an irregular shaped occurrence 15 m by 100 m with assays between 0.8 and 2.5 weight percent. The form of iron tends to be limonite although minor pyrite exists.

A small silica zone near the hanging wall 40 meters long and 10 meters wide could only be identified by chemical analysis. Assays from this area varied from 0.6 to 0.86 percent silica. Microscopic analysis has identified quartz as the mineral producing the elevated SiO_2 levels.

The upper pit also has an area containing sugary dolomite. Values ranged from 2.8 to 12.4 % calcium and 0.55 to 2.43 % silica. This form of dolomite is not the readily identifiable euhedral milk-white rhombohedral dolomite crystals, instead it occurs as zones of small patchy irregularly shaped pods of creamy to tan fine grained crystals.

The pinolite texture occurs as 2 to 3 cm blady white magnesite crystals in a fine grained dark grey argilliceous dolomite groundmass. They form in small pods of up to 3 meters in size and are thought to be remnants of the original partially un-replaced host rock. Once exposed on surface these areas are easily distinguished due to the pinolitic texture. Their small size and erratic occurrence however make these zones difficult to locate below surface leaving blasthole analysis as the only means of predicting their occurrence.

Analysis of the lower pit blasthole cuttings have established that four east-west joints and two north-south joints have sliced through the high-grade orebody. Again all are practically indistinguishable in the pit floor. Two zones of calcium contamination and a small iron enriched area are also identified by using the blastholes results. (see Figure # 4 "Geological Interpretation")

An oval shaped zone of calcium, approximately 65 by 20 meters in size, is located in the north lower pit. Assays came back with values between 2.6 and 3.6 % calcium. The cause of the high Ca values, when microscopically investigated by the geologist, was found to be occurring within the magnesite matrix itself. This form of calcium contamination is visually indistinguishable from

high grade ore. A similar irregular shaped zone also exists immediately south except blasthole results indicates that the structure is dipping to the south. Calcium values range between 2.6 to 3.9 percent.

A small 5 meter by 25 meter triangular shaped pyrite zone oriented in an east-west direction holds concentrated iron values between 0.8 and 3.5 percent. The pyrite occurs as a swarm of randomly oriented veins as well as disseminated small euhedral cubes.

The north part of the pit is crossed by joint 131 which consists of pyrite in-fill. The north-south joints 128 and 129 as well as the east west joints 126 and 127 all contain calcium clay.

2.5 Conclusions

The nature of the Mt. Brussilof Magnesite deposit is homogeneous when looked at in large scale. The ore is generally white to pale grey in colour and is coarsely crystalline. When looked at on a round by round basis, differences in grade occur with seemingly little or no distinguishable visible characteristics. The blasthole values often offer invaluable assistance in these instances in terms of both grade control and determining pit development

In total, the blasthole bench plans of the samples in this report confirm the existence and orientation of thirteen east-west trending, four north-south trending and one diagonally trending joint in the pits. A total of five calcium, two iron and one silica zone were also delineated. The orientation and location of these structures, aided by assaying the cuttings, is determined by quality control. The location is marked in the field and then indicated on individual blast maps and given to the hoe operators.

The competitive magnesium oxide market drives the requirement to produce a homogeneous ore between a narrow set of specification limits. The typical nature of ore deposits rarely conforming to such strict boundaries created a need for Baymag to develop a complementary ore pile strategy. The strategy combines a complex but feasible sequence of blending scenarios to optimize the deposit by taking advantage of several chemical characteristics found within the Brussilof deposit. Chemical analysis of the orebody has confirmed that inverse grade relationships exist between calcium and iron. Areas of low iron / high calcium are blended with complimentary areas (high iron / low calcium) to produce an ore material right on spec.

Results from blasthole assaying in areas of broad low level contamination enable quality control to design blending scenarios which result in the selective sorting of components that would, by themselves, be waste. The varying nature of the joint orientation as well as change in mineral content, the halo effect and the lack of visibility in the floor have made assay results instrumental in the delineation of otherwise undetectable contamination zones necessary in the modeling process to aid quality control as well as for determining the direction of future development in forthcoming benches.

3.0 ITEMIZED COST STATEMENT

The total costs incurred during the 1998 - 1999 blasthole assaying program were as follows;

TABLE 3.1 ITEMIZED COSTS

ITEM	UNIT	UNIT COST	QUANTITY	TOTAL COST
Baymag Lab (Exshaw) MgO, CaO, Fe_2O_3, Al_2O_3, SiO_2 May 28, 1998 - April 23, 1999	sample	$ 60	2724	$ 163,440
GRAND TOTAL				$ 163,440

4.0 AUTHORS' QUALIFICATIONS

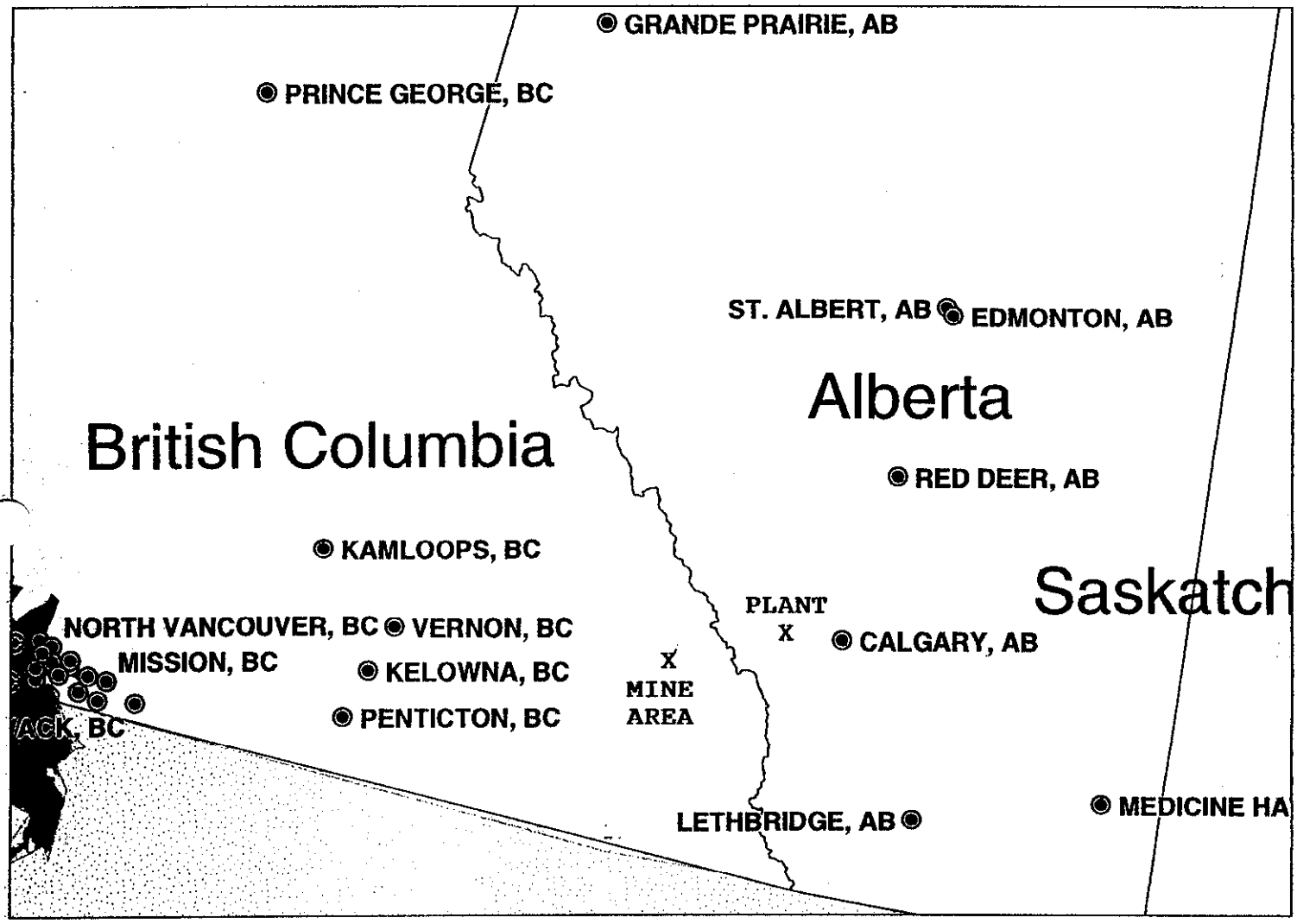
I.R.J. Knuckey, B.Sc. Geology
Mine Manager

program supervision, geological interpretation, conclusions and report compilation

P.A. Sutherland
Mine Technician

geological interpretation, conclusions and report compilation

Location of the Mount Brussilof Magnesite Mine



SCALE 1 : 5,565,307

50 0 50 100 150

MILES

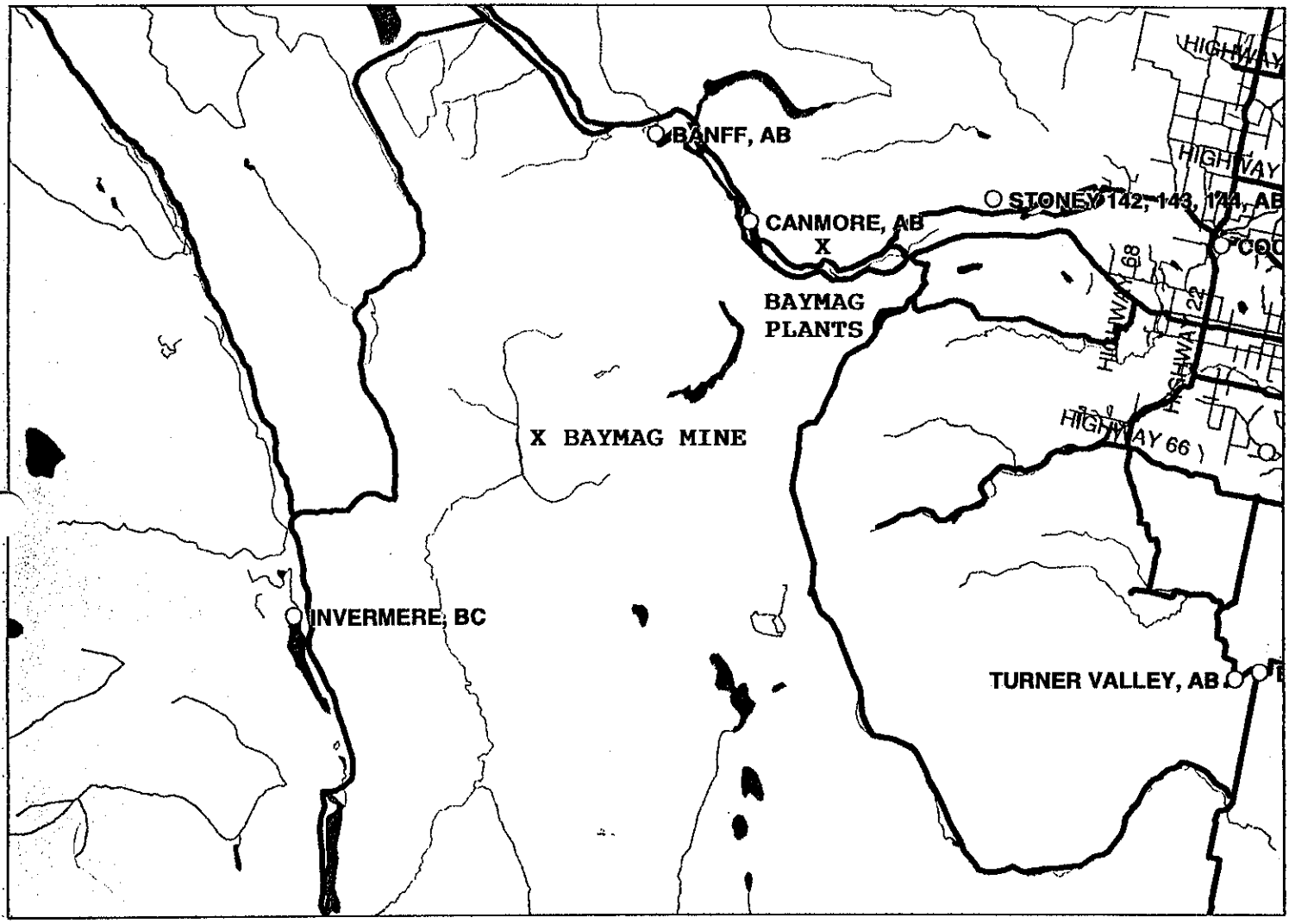
N

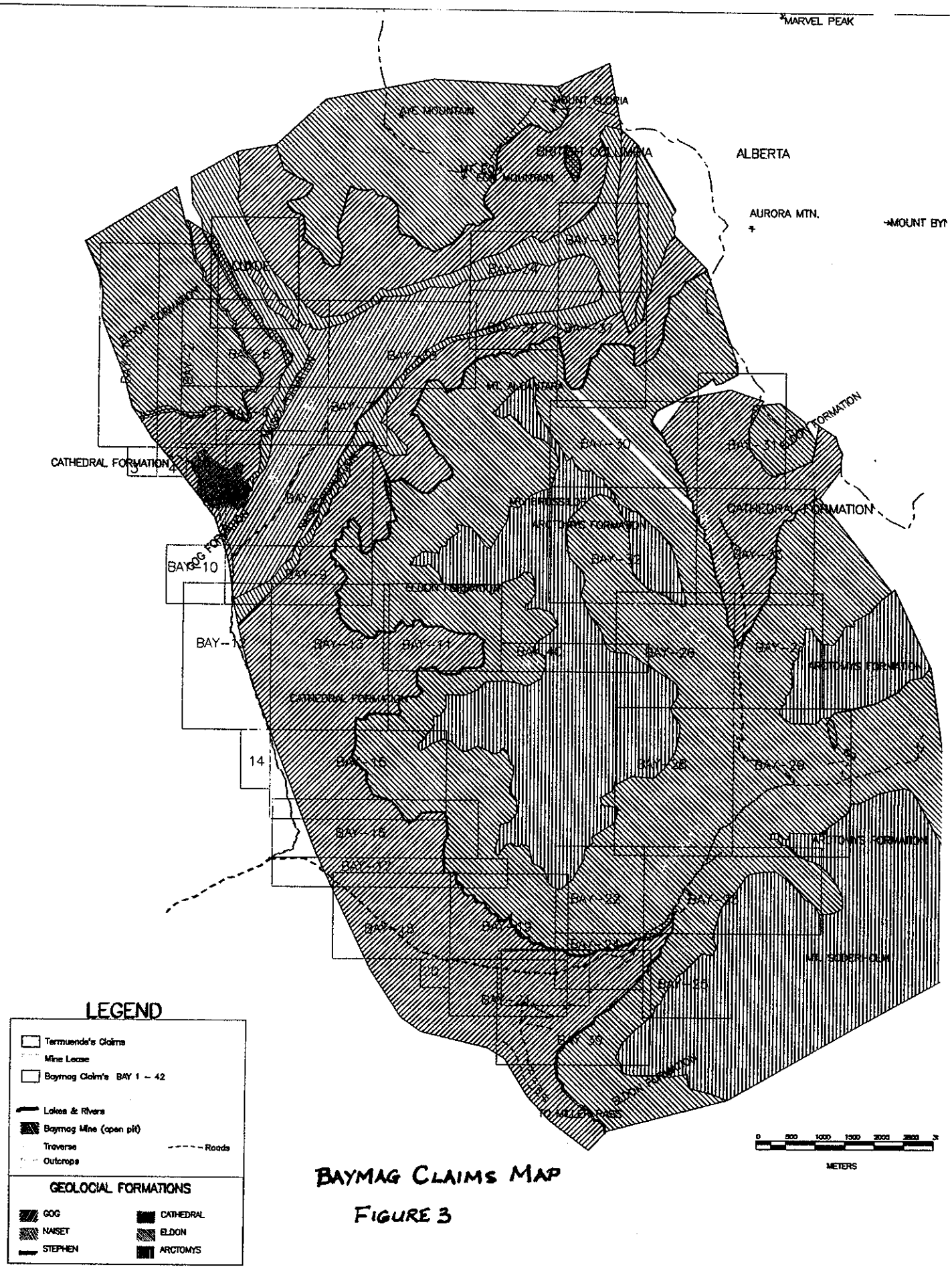
http://www.gridnorth.com/virtdemo/Maps/canada.mwf

FIGURE 1

July 14, 1999 10:30 AM

Regional Location Map





BAYMAG CLAIMS MAP

FIGURE 3

DATE	DRAWN BY	CHECKED	APPROVED
07-23-99	ts		

Baymag Mines Co. Limited
Geological Interpretation

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
GE0122.99	1:1500.M	FIGURE 4

1354BHS#	UNIT	EAST	NORTH	ELEV.	MGO	CAO	FE2O3	AL2O3	SIO2
K12=770,1354									
44016308	44932	2786.06	8434.94	1354.0	94.76	4.11	.68	.11	.34
6309	44933	2790.04	8436.54	1354.0	95.44	3.48	.70	.09	.29
6310	44934	2794.03	8438.13	1354.0	95.02	3.95	.81	.05	.17
6311	44935	2795.00	8440.82	1354.0	94.05	5.07	.66	.05	.17
6312	44936	2791.06	8439.24	1354.0	95.30	3.79	.66	.07	.18
6313	44937	2787.12	8437.65	1354.0	96.37	2.87	.50	.07	.19
6314	44938	2783.18	8436.06	1354.0	91.39	6.75	.95	.26	.65
6315	44939	2782.28	8437.99	1354.0	93.32	4.30	2.02	.09	.27
6316	44940	2786.18	8439.56	1354.0	94.21	4.67	.85	.07	.20
6317	44941	2790.09	8441.14	1354.0	95.18	3.84	.64	.06	.28
6318	44942	2793.99	8442.71	1354.0	95.18	4.01	.55	.06	.20
6319	44943	2794.91	8445.39	1354.0	85.67	12.08	2.00	.08	.17
6320	44944	2791.04	8443.82	1354.0	87.46	11.28	1.00	.08	.18
6321	44945	2787.18	8442.26	1354.0	94.37	3.10	2.26	.07	.20
6322	44946	2791.96	8446.49	1354.0	93.43	5.65	.71	.05	.16
K12=771,1354									
44026323	44947	2799.47	8437.71	1354.0	95.44	3.84	.44	.07	.21
6324	44948	2794.97	8436.00	1354.0	96.23	3.08	.47	.05	.17
6325	44949	2790.46	8434.29	1354.0	94.75	4.46	.59	.05	.15
6326	44950	2789.34	8431.28	1354.0	95.92	3.29	.55	.05	.19
6327	44951	2793.89	8433.02	1354.0	95.63	3.24	.99	.03	.11
6328	44952	2798.43	8434.76	1354.0	95.92	3.29	.59	.04	.16
6329	44953	2801.95	8433.56	1354.0	96.75	2.55	.46	.05	.19
6330	44954	2797.35	8431.78	1354.0	97.26	2.12	.48	.03	.11
6331	44955	2792.76	8430.01	1354.0	91.92	7.41	.43	.05	.19
6332	44956	2791.60	8426.96	1354.0	89.24	9.67	.50	.14	.45
6333	44957	2796.23	8428.76	1354.0	96.13	3.09	.57	.05	.16
6334	44958	2800.86	8430.57	1354.0	96.83	2.50	.38	.06	.23
6335	44959	2804.42	8429.40	1354.0	94.44	4.82	.43	.07	.24
6336	44960	2799.74	8427.56	1354.0	96.21	3.12	.41	.05	.21
6337	44961	2795.07	8425.72	1354.0	92.21	7.17	.48	.04	.10
6338	44962	2793.86	8422.63	1354.0	97.63	1.77	.37	.05	.18
6339	44963	2798.58	8424.51	1354.0	95.54	3.71	.41	.06	.28
6340	44964	2803.30	8426.38	1354.0	97.65	1.79	.37	.04	.15
6341	44965	2806.90	8425.24	1354.0	96.39	2.32	1.07	.05	.17
6342	44966	2802.13	8423.33	1354.0	97.62	1.74	.38	.06	.20
6343	44967	2797.37	8421.43	1354.0	97.78	1.61	.37	.05	.19
6344	44968	2796.12	8418.32	1354.0	97.58	1.63	.53	.07	.19
6345	44969	2800.93	8420.26	1354.0	97.29	1.88	.46	.09	.28
6346	44970	2805.73	8422.20	1354.0	97.04	2.05	.69	.05	.17
K12=772,1354									
44036347	44971	2819.48	8423.25	1354.0	97.53	1.87	.38	.04	.18
6348	44972	2818.81	8420.93	1354.0	97.11	2.29	.40	.04	.16
6349	44973	2818.13	8418.62	1354.0	96.83	2.50	.40	.06	.21
6350	44974	2817.46	8416.31	1354.0	97.22	2.16	.41	.04	.17
6351	44975	2816.78	8414.00	1354.0	97.48	1.90	.38	.04	.20
6352	44976	2816.10	8411.68	1354.0	93.20	4.34	2.22	.05	.19
6353	44977	2818.45	8411.00	1354.0	96.72	2.65	.36	.05	.22
6354	44978	2819.13	8413.31	1354.0	96.29	3.08	.40	.05	.18
6355	44979	2819.82	8415.62	1354.0	97.38	2.08	.36	.04	.14
6356	44980	2820.50	8417.93	1354.0	96.23	3.17	.37	.05	.18
6357	44981	2821.19	8420.24	1354.0	97.21	2.15	.34	.06	.24
6358	44982	2821.87	8422.55	1354.0	96.69	2.61	.45	.07	.18
6359	44983	2824.11	8421.89	1354.0	97.09	2.23	.34	.09	.25
6360	44984	2823.43	8419.58	1354.0	97.09	2.20	.33	.08	.30
6361	44985	2822.76	8417.26	1354.0	97.25	2.11	.33	.06	.25
6362	44986	2822.09	8414.95	1354.0	97.62	1.90	.31	.03	.14

6363	44987	2821.42	8412.64	1354.0	97.39	2.04	.31	.05	.21
6364	44988	2820.74	8410.33	1354.0	97.11	2.02	.58	.07	.22
6365	44989	2813.76	8412.37	1354.0	94.08	4.57	.84	.12	.39
6366	44990	2814.43	8414.68	1354.0	96.67	2.54	.52	.06	.21
6367	44991	2815.10	8417.00	1354.0	95.82	3.43	.47	.07	.21
6368	44992	2815.76	8419.31	1354.0	97.22	2.08	.38	.07	.25
6369	44993	2816.43	8421.63	1354.0	97.14	2.15	.44	.07	.20
6370	44994	2817.10	8423.94	1354.0	96.37	2.95	.37	.07	.24
6371	44995	2814.71	8424.64	1354.0	96.77	2.59	.35	.07	.22
6372	44996	2814.05	8422.32	1354.0	96.61	2.79	.36	.04	.20
6373	44997	2813.39	8420.00	1354.0	97.03	2.39	.40	.04	.14
6374	44998	2812.74	8417.69	1354.0	95.56	3.77	.42	.06	.19
6375	44999	2812.08	8415.37	1354.0	96.40	2.86	.35	.10	.29
6376	45000	2811.42	8413.05	1354.0	94.33	4.39	.78	.12	.38
6377	45001	2809.08	8413.73	1354.0	95.82	3.48	.39	.07	.24
6378	45002	2809.73	8416.05	1354.0	95.76	3.61	.46	.04	.13
6379	45003	2810.38	8418.38	1354.0	95.68	3.62	.40	.07	.23
6380	45004	2811.02	8420.70	1354.0	95.79	3.54	.37	.07	.23
6381	45005	2811.67	8423.02	1354.0	95.83	3.50	.37	.07	.23
6382	45006	2812.32	8425.34	1354.0	96.08	3.29	.37	.06	.20
6383	45007	2809.93	8426.04	1354.0	96.21	3.15	.38	.06	.20
6384	45008	2809.29	8423.71	1354.0	95.82	3.54	.38	.06	.20
6385	45009	2808.66	8421.39	1354.0	95.58	3.64	.54	.06	.18
6386	45010	2808.02	8419.07	1354.0	95.77	3.58	.41	.06	.18
6387	45011	2807.38	8416.74	1354.0	96.11	3.24	.38	.06	.21
6388	45012	2806.74	8414.42	1354.0	95.38	3.90	.41	.08	.23
6389	45013	2804.40	8415.10	1354.0	95.84	3.51	.35	.05	.25
6390	45014	2805.03	8417.43	1354.0	97.62	1.86	.31	.04	.17
6391	45015	2805.66	8419.75	1354.0	97.16	2.26	.39	.05	.14
6392	45016	2806.29	8422.08	1354.0	96.98	2.15	.69	.04	.14
6393	45017	2806.92	8424.41	1354.0	97.02	2.36	.35	.05	.22
6394	45018	2807.55	8426.73	1354.0	97.00	2.38	.38	.06	.18
6395	45019	2799.24	8414.13	1354.0	96.90	2.54	.37	.04	.15
6396	45020	2801.43	8413.46	1354.0	95.95	2.62	1.16	.05	.22
6397	45021	2803.76	8412.78	1354.0	96.04	3.03	.60	.08	.25
6398	45022	2806.10	8412.09	1354.0	92.33	6.60	.38	.10	.59
6399	45023	2808.43	8411.41	1354.0	94.78	4.22	.64	.08	.28
6400	45024	2810.76	8410.73	1354.0	94.88	4.36	.38	.08	.30
6401	45025	2813.10	8410.05	1354.0	96.08	3.04	.51	.08	.29
6402	45026	2815.43	8409.37	1354.0	96.29	2.96	.40	.07	.28
6403	45027	2817.76	8408.69	1354.0	96.24	2.87	.39	.11	.39
6404	45028	2820.07	8408.02	1354.0	96.53	2.57	.38	.12	.40
6405	45029	2819.40	8405.71	1354.0	95.17	3.81	.41	.16	.45
6406	45030	2817.08	8406.38	1354.0	95.47	3.84	.39	.06	.24
6407	45031	2814.75	8407.06	1354.0	95.48	3.78	.38	.08	.28
6408	45032	2812.43	8407.74	1354.0	95.23	3.87	.61	.06	.23
6409	45033	2810.11	8408.42	1354.0	95.06	4.19	.38	.07	.30
6410	45034	2807.78	8409.09	1354.0	97.30	2.17	.37	.03	.13
6411	45035	2805.46	8409.77	1354.0	96.62	2.52	.54	.07	.25
6412	45036	2803.14	8410.45	1354.0	96.89	2.26	.65	.05	.15
6413	45037	2800.81	8411.13	1354.0	97.52	1.76	.42	.05	.25
6414	45038	2798.49	8411.80	1354.0	97.55	1.80	.41	.06	.18
6415	45039	2796.16	8412.48	1354.0	97.56	1.84	.39	.05	.16
K12=774,1354									
44046420	45096	2800.40	8405.88	1354.0	97.38	1.98	.47	.04	.13
6421	45097	2802.77	8405.36	1354.0	96.07	3.27	.39	.05	.22
6422	45098	2805.14	8404.84	1354.0	96.91	2.32	.55	.05	.17
6423	45099	2807.51	8404.32	1354.0	97.00	2.12	.70	.04	.14
6424	45100	2809.89	8403.80	1354.0	95.05	4.22	.40	.05	.28

6425	45101	2812.26	8403.28	1354.0	96.06	2.87	.76	.07	.24
6426	45102	2814.63	8402.76	1354.0	96.39	2.78	.38	.10	.35
6427	45103	2817.44	8402.28	1354.0	97.12	2.17	.36	.08	.27
6428	45104	2820.24	8401.81	1354.0	96.70	2.00	.38	.20	.72
6429	45105	2823.05	8401.33	1354.0	96.53	2.33	.44	.12	.58
6430	45106	2823.09	8398.76	1354.0	96.29	2.69	.38	.12	.52
6431	45107	2812.40	8400.79	1354.0	96.37	2.87	.40	.08	.28
6432	45108	2810.01	8401.31	1354.0	97.26	2.05	.40	.06	.23
6433	45109	2807.61	8401.82	1354.0	97.66	1.82	.37	.03	.12
6434	45110	2805.21	8402.34	1354.0	97.61	1.80	.41	.04	.14
6435	45111	2802.82	8402.86	1354.0	97.18	2.15	.43	.06	.18
6436	45112	2800.42	8403.37	1354.0	96.65	2.72	.47	.04	.12
6437	45113	2800.45	8400.86	1354.0	96.94	2.24	.61	.04	.17
6438	45114	2802.87	8400.35	1354.0	96.84	2.52	.40	.05	.19
6439	45115	2805.29	8399.84	1354.0	97.78	1.65	.39	.05	.13
6440	45116	2807.71	8399.32	1354.0	97.29	2.10	.33	.07	.21
6441	45117	2810.13	8398.81	1354.0	97.14	2.24	.35	.06	.21
6442	45118	2812.55	8398.30	1354.0	97.21	2.11	.32	.08	.28
6443	45119	2814.97	8397.79	1354.0	96.94	2.18	.35	.15	.38
6444	45120	2817.69	8397.25	1354.0	96.10	2.94	.35	.17	.44
6445	45121	2820.41	8396.71	1354.0	96.79	2.35	.35	.16	.35
6446	45122	2823.13	8396.18	1354.0	96.97	2.12	.31	.17	.43
6447	45123	2823.17	8393.61	1354.0	97.03	2.19	.31	.13	.34
6448	45124	2817.82	8394.74	1354.0	95.77	3.32	.31	.14	.46
6449	45125	2815.14	8395.30	1354.0	96.99	2.06	.43	.15	.37
6450	45126	2812.70	8395.81	1354.0	97.85	1.55	.32	.08	.20
6451	45127	2810.25	8396.32	1354.0	96.70	2.47	.58	.07	.18
6452	45128	2807.80	8396.82	1354.0	97.43	2.00	.30	.07	.20
6453	45129	2805.36	8397.33	1354.0	97.97	1.44	.33	.07	.19
6454	45130	2802.92	8397.84	1354.0	97.49	1.88	.37	.07	.19
6455	45131	2800.47	8398.35	1354.0	97.19	2.04	.47	.10	.20
6456	45132	2800.37	8408.39	1354.0	97.42	1.99	.40	.05	.14
6457	45133	2802.75	8407.69	1354.0	97.51	1.85	.38	.07	.19
6458	45134	2805.13	8406.99	1354.0	97.71	1.76	.34	.05	.14
6459	45135	2807.51	8406.28	1354.0	96.66	2.47	.57	.08	.22
6460	45136	2809.89	8405.58	1354.0	96.69	2.61	.40	.07	.23
6461	45137	2812.26	8404.88	1354.0	96.50	2.72	.37	.11	.30
6462	45138	2814.64	8404.18	1354.0	96.31	2.89	.36	.11	.33
6463	45139	2817.43	8404.09	1354.0	96.97	2.29	.33	.11	.30
6464	45140	2820.22	8404.00	1354.0	96.97	2.25	.35	.12	.31
6465	45141	2823.01	8403.91	1354.0	97.09	1.94	.33	.16	.48
6466	45142	2823.00	8406.34	1354.0	97.23	1.83	.41	.15	.38
K12=781,1354									
44058473	45521	2825.88	8399.48	1354.0	97.06	2.06	.34	.12	.42
8475	45523	2825.82	8397.17	1354.0	97.35	2.02	.34	.07	.22
8477	45525	2825.76	8394.86	1354.0	96.97	2.28	.48	.07	.20
8479	45527	2828.10	8397.13	1354.0	97.79	1.72	.30	.04	.15
8481	45529	2828.04	8394.82	1354.0	97.67	1.74	.35	.05	.19
8483	45531	2830.31	8394.79	1354.0	97.45	2.00	.35	.04	.16
8485	45533	2832.59	8394.75	1354.0	97.64	1.85	.35	.04	.12
8487	45535	2834.80	8387.62	1354.0	96.92	2.36	.45	.11	.16
8489	45537	2835.51	8385.15	1354.0	98.05	1.51	.37	.02	.05
8491	45539	2836.23	8382.68	1354.0	97.82	1.73	.37	.02	.06
8493	45541	2836.94	8380.21	1354.0	97.93	1.56	.38	.04	.09
8495	45543	2834.46	8380.27	1354.0	97.95	1.52	.37	.05	.11
8497	45545	2834.15	8382.68	1354.0	97.54	1.76	.43	.06	.21
8499	45547	2833.84	8385.10	1354.0	98.12	1.48	.32	.02	.06
8501	45549	2833.53	8387.51	1354.0	97.45	1.88	.42	.07	.18
8502	45550	2833.21	8389.92	1354.0	96.91	2.17	.48	.13	.31

8505	45552	2832.90	8392.34	1354.0	98.04	1.43	.39	.04	.10
8507	45554	2830.50	8392.41	1354.0	97.76	1.68	.36	.07	.13
8509	45556	2830.80	8389.99	1354.0	91.54	7.98	.38	.03	.07
8511	45558	2831.09	8387.58	1354.0	97.82	1.56	.42	.06	.14
8513	45560	2831.69	8382.75	1354.0	97.80	1.70	.37	.04	.09
8515	45562	2831.99	8380.33	1354.0	89.15	9.62	.41	.25	.57
8517	45564	2829.51	8380.39	1354.0	97.85	1.68	.35	.02	.10
8519	45566	2829.23	8382.81	1354.0	97.23	2.23	.36	.04	.14
8521	45568	2828.95	8385.23	1354.0	97.98	1.53	.36	.02	.11
8523	45570	2828.67	8387.64	1354.0	96.09	3.06	.44	.05	.36
8525	45572	2828.38	8390.06	1354.0	97.69	1.78	.37	.04	.12
8527	45574	2828.10	8392.48	1354.0	97.28	2.05	.41	.05	.21
8529	45576	2825.70	8392.55	1354.0	97.31	1.98	.41	.06	.24
8531	45578	2825.97	8390.13	1354.0	97.30	2.00	.40	.06	.24
8533	45580	2826.23	8387.71	1354.0	97.19	1.92	.48	.08	.33
8535	45582	2826.50	8385.29	1354.0	96.79	2.29	.67	.06	.19
8537	45584	2826.77	8382.87	1354.0	97.33	1.86	.41	.09	.31
8539	45586	2827.03	8380.45	1354.0	97.22	2.26	.41	.03	.08
8541	45588	2824.56	8380.51	1354.0	96.44	2.75	.65	.04	.12
8543	45590	2824.30	8382.93	1354.0	95.76	3.54	.43	.06	.21
8545	45592	2824.05	8385.36	1354.0	96.75	2.29	.61	.07	.28
8547	45594	2823.80	8387.78	1354.0	96.74	2.40	.41	.09	.36
8549	45596	2823.55	8390.20	1354.0	96.78	2.27	.41	.11	.43
8551	45598	2823.30	8392.62	1354.0	97.14	2.10	.34	.07	.35
8553	45600	2821.07	8390.24	1354.0	96.77	2.44	.35	.09	.35
8555	45602	2821.32	8387.82	1354.0	95.90	3.28	.35	.09	.38
8557	45604	2821.57	8385.41	1354.0	95.82	2.69	.97	.11	.41
8559	45606	2821.83	8382.99	1354.0	96.77	2.47	.41	.07	.28
8561	45608	2822.08	8380.57	1354.0	96.91	2.47	.38	.05	.19
8563	45610	2819.60	8380.63	1354.0	97.72	1.55	.40	.07	.26
8565	45612	2819.35	8383.04	1354.0	96.65	1.62	1.27	.11	.35
8567	45614	2819.10	8385.46	1354.0	97.14	1.53	.41	.16	.76
8569	45616	2818.84	8387.87	1354.0	97.76	1.47	.34	.09	.34
8571	45618	2818.59	8390.28	1354.0	97.02	2.16	.33	.12	.37
8573	45620	2816.11	8390.33	1354.0	96.89	1.71	.65	.15	.60
8575	45622	2816.36	8387.92	1354.0	97.71	1.59	.30	.07	.33
8577	45624	2816.62	8385.51	1354.0	96.27	2.66	.40	.14	.53
8579	45626	2816.87	8383.10	1354.0	95.08	1.89	2.67	.06	.30
8581	45628	2817.13	8380.69	1354.0	97.81	1.50	.39	.07	.23
8583	45630	2814.65	8380.75	1354.0	97.83	1.50	.38	.05	.24
8585	45632	2814.40	8383.16	1354.0	96.81	1.85	.93	.07	.34
8587	45634	2814.14	8385.56	1354.0	97.79	1.53	.33	.06	.29
8589	45636	2813.89	8387.97	1354.0	97.48	1.59	.32	.13	.48
8591	45638	2813.63	8390.37	1354.0	97.52	1.60	.34	.12	.42
K12=785,1354									
44066729	45812	2821.31	8377.40	1354.0	97.50	1.98	.36	.03	.13
6731	45814	2821.65	8374.94	1354.0	97.61	1.93	.34	.03	.09
6733	45816	2821.98	8372.49	1354.0	96.92	2.03	.44	.15	.46
6735	45818	2822.32	8370.03	1354.0	98.09	1.45	.33	.03	.10
6737	45820	2819.88	8369.78	1354.0	98.30	1.29	.31	.02	.08
6739	45822	2819.52	8372.24	1354.0	97.68	1.82	.39	.02	.09
6741	45824	2819.17	8374.70	1354.0	97.70	1.79	.36	.03	.12
6743	45826	2818.82	8377.16	1354.0	97.64	1.82	.35	.03	.16
6745	45828	2816.32	8376.93	1354.0	97.55	1.71	.36	.07	.31
6747	45830	2816.69	8374.46	1354.0	97.71	1.72	.36	.04	.17
6749	45832	2817.06	8371.99	1354.0	97.76	1.63	.34	.04	.23
6751	45834	2817.43	8369.53	1354.0	97.98	1.63	.30	.02	.07
6753	45836	2814.98	8369.28	1354.0	97.96	1.57	.32	.03	.12
6755	45838	2814.60	8371.75	1354.0	96.58	2.85	.35	.04	.18

6757	45840	2814.22	8374.22	1354.0	97.59	1.60	.32	.09	.40
6759	45842	2813.83	8376.69	1354.0	97.43	1.73	.32	.10	.42
6761	45844	2813.45	8379.16	1354.0	97.96	1.49	.32	.04	.19
6763	45846	2810.22	8383.71	1354.0	96.41	2.88	.43	.05	.23
6765	45848	2810.61	8381.26	1354.0	97.36	2.01	.31	.06	.26
6767	45850	2810.99	8378.82	1354.0	97.62	1.79	.30	.06	.23
6769	45852	2811.38	8376.37	1354.0	84.50	9.65	.82	1.25	3.78
6771	45854	2811.76	8373.92	1354.0	97.24	1.97	.34	.09	.36
6773	45856	2812.15	8371.47	1354.0	94.24	4.96	.38	.08	.34
6775	45858	2812.54	8369.03	1354.0	97.25	2.00	.37	.07	.31
6777	45860	2810.09	8368.77	1354.0	97.54	1.77	.43	.05	.21
6779	45862	2809.71	8371.22	1354.0	96.91	2.31	.37	.08	.33
6781	45864	2809.32	8373.67	1354.0	97.48	1.68	.37	.09	.38
6783	45866	2808.94	8376.12	1354.0	97.63	1.55	.33	.10	.39
6785	45868	2808.55	8378.57	1354.0	97.69	1.55	.34	.09	.33
6787	45870	2808.17	8381.02	1354.0	97.86	1.37	.36	.08	.33
6789	45872	2807.78	8383.47	1354.0	97.65	1.59	.49	.05	.22
6791	45874	2805.35	8383.23	1354.0	97.68	1.64	.43	.05	.20
6793	45876	2805.73	8380.78	1354.0	97.51	1.86	.32	.06	.25
6795	45878	2806.11	8378.32	1354.0	97.73	1.63	.36	.06	.22
6797	45880	2806.50	8375.87	1354.0	97.90	1.53	.33	.05	.19
6799	45882	2806.88	8373.42	1354.0	97.73	1.55	.35	.07	.30
6801	45884	2807.26	8370.97	1354.0	97.46	1.80	.36	.07	.31
6803	45886	2807.65	8368.52	1354.0	97.74	1.70	.37	.03	.16
6805	45888	2805.20	8368.27	1354.0	97.72	1.60	.36	.06	.26
6807	45890	2804.82	8370.72	1354.0	97.59	1.56	.33	.10	.42
6809	45892	2804.44	8373.17	1354.0	97.69	1.54	.32	.09	.36
6811	45894	2804.05	8375.63	1354.0	98.14	1.34	.30	.04	.18
6813	45896	2803.67	8378.08	1354.0	97.82	1.57	.34	.05	.22
6815	45898	2803.29	8380.53	1354.0	97.74	1.63	.32	.06	.25
6817	45900	2802.91	8382.98	1354.0	97.00	1.91	.69	.08	.32
6819	45902	2802.53	8385.43	1354.0	97.79	1.58	.36	.05	.22
6821	45904	2802.15	8387.89	1354.0	97.92	1.53	.35	.04	.16
6823	45906	2801.76	8390.34	1354.0	97.63	1.74	.36	.05	.22
6825	45908	2801.38	8392.79	1354.0	97.72	1.73	.41	.03	.11
6827	45910	2801.00	8395.24	1354.0	97.78	1.64	.36	.04	.18
6829	45912	2804.10	8393.12	1354.0	97.68	1.74	.37	.04	.17
6831	45914	2804.19	8390.54	1354.0	97.80	1.68	.35	.03	.14
6833	45916	2804.57	8388.10	1354.0	96.56	2.76	.39	.06	.23
6835	45918	2804.96	8385.66	1354.0	97.23	2.13	.39	.04	.21
6837	45920	2807.40	8385.89	1354.0	97.79	1.50	.50	.03	.18
6839	45922	2807.01	8388.32	1354.0	97.40	1.93	.34	.06	.27
6841	45924	2806.62	8390.75	1354.0	96.94	2.44	.36	.05	.21
6843	45926	2806.36	8393.09	1354.0	97.78	1.71	.35	.03	.13
K12=787,1354									
44078601	46064	2837.76	8378.13	1354.0	97.09	2.46	.34	.02	.09
8603	46066	2838.07	8375.75	1354.0	97.90	1.50	.42	.04	.14
8605	46068	2838.39	8373.37	1354.0	98.12	1.38	.36	.03	.11
8607	46070	2838.70	8371.00	1354.0	97.66	1.69	.40	.06	.19
8609	46072	2839.02	8368.62	1354.0	97.39	1.84	.46	.07	.24
8611	46074	2839.33	8366.24	1354.0	96.08	1.85	1.79	.07	.21
8613	46076	2836.82	8366.18	1354.0	95.82	1.90	2.11	.05	.12
8615	46078	2836.56	8368.56	1354.0	97.37	1.89	.44	.07	.23
8617	46080	2836.30	8370.94	1354.0	96.61	2.84	.38	.04	.13
8619	46082	2836.04	8373.31	1354.0	98.06	1.43	.41	.02	.08
8621	46084	2835.78	8375.69	1354.0	97.93	1.52	.39	.04	.12
8623	46086	2835.52	8378.07	1354.0	97.61	1.70	.47	.05	.17
8625	46088	2833.29	8378.02	1354.0	98.01	1.52	.35	.03	.09
8627	46090	2833.49	8375.64	1354.0	98.05	1.43	.35	.04	.13

8629	46092	2833.69	8373.26	1354.0	97.63	1.85	.45	.02	.05
8631	46094	2833.90	8370.88	1354.0	97.80	1.72	.40	.01	.07
8633	46096	2834.10	8368.50	1354.0	97.61	1.86	.44	.02	.07
8635	46098	2834.30	8366.12	1354.0	92.94	4.48	2.39	.05	.14
8637	46100	2831.79	8366.05	1354.0	95.05	2.42	2.45	.02	.06
8639	46102	2831.64	8368.44	1354.0	96.47	3.01	.40	.02	.10
8641	46104	2831.50	8370.82	1354.0	97.72	1.90	.34	.01	.03
8643	46106	2831.35	8373.20	1354.0	97.39	2.14	.39	.02	.06
8645	46108	2831.20	8375.58	1354.0	97.74	1.74	.38	.03	.11
8647	46110	2831.05	8377.96	1354.0	97.53	2.04	.36	.02	.05
8649	46112	2828.82	8377.91	1354.0	96.68	2.81	.38	.03	.10
8651	46114	2828.91	8375.52	1354.0	96.87	2.59	.34	.05	.15
8653	46116	2829.00	8373.14	1354.0	96.02	3.51	.35	.03	.09
8655	46118	2829.09	8370.76	1354.0	96.75	2.80	.41	.03	.01
8657	46120	2829.19	8368.37	1354.0	97.35	2.26	.34	.01	.04
8659	46122	2829.28	8365.99	1354.0	94.64	3.04	2.22	.03	.07
8661	46124	2826.76	8365.93	1354.0	97.36	1.68	.80	.03	.13
8663	46126	2826.73	8368.32	1354.0	97.64	1.93	.36	.01	.06
8665	46128	2826.69	8370.70	1354.0	97.80	1.77	.36	.01	.06
8667	46130	2826.65	8373.08	1354.0	96.19	2.72	.49	.06	.54
8669	46132	2826.62	8375.47	1354.0	95.57	3.35	.39	.17	.52
8671	46134	2826.58	8377.85	1354.0	96.92	2.55	.42	.02	.09
8673	46136	2825.67	8375.42	1354.0	97.34	2.08	.44	.03	.11
8675	46138	2825.32	8373.03	1354.0	96.48	3.06	.39	.01	.06
8677	46140	2824.96	8370.64	1354.0	97.88	1.65	.35	.02	.10
8679	46142	2824.60	8368.26	1354.0	98.06	1.52	.35	.01	.06
8681	46144	2824.25	8365.87	1354.0	94.41	2.88	2.49	.05	.17
K12=789,1354									
44086844	46155	2775.75	8425.71	1354.0	94.61	4.36	.92	.02	.09
6845	46156	2778.02	8426.38	1354.0	88.67	9.12	.59	.53	1.09
6846	46157	2780.29	8427.04	1354.0	94.70	4.25	.88	.04	.13
6847	46158	2782.56	8427.71	1354.0	91.93	5.03	1.25	.34	1.45
6848	46159	2785.02	8428.23	1354.0	96.39	2.68	.73	.04	.16
6849	46160	2785.73	8426.10	1354.0	96.78	2.37	.71	.03	.11
6850	46161	2783.42	8425.43	1354.0	95.26	3.51	.90	.08	.25
6851	46162	2781.11	8424.77	1354.0	95.60	3.04	1.19	.04	.13
6852	46163	2778.80	8424.10	1354.0	94.05	4.07	1.57	.08	.23
6853	46164	2776.49	8423.44	1354.0	95.84	3.36	.56	.06	.18
6854	46165	2777.23	8421.17	1354.0	93.61	4.32	1.56	.11	.40
6855	46166	2779.53	8421.87	1354.0	95.31	3.25	1.24	.05	.15
6856	46167	2781.84	8422.57	1354.0	95.76	3.02	.94	.07	.21
6857	46168	2784.15	8423.27	1354.0	96.44	2.72	.71	.03	.10
6858	46169	2786.45	8423.97	1354.0	95.79	2.98	1.10	.03	.10
6859	46170	2787.17	8421.84	1354.0	89.05	10.13	.57	.07	.18
6860	46171	2784.87	8421.11	1354.0	96.14	3.04	.53	.06	.23
6861	46172	2782.57	8420.37	1354.0	96.72	2.22	.70	.08	.28
6862	46173	2780.27	8419.63	1354.0	95.19	3.67	.95	.05	.14
6863	46174	2777.97	8418.90	1354.0	92.60	5.71	1.09	.15	.45
6864	46175	2778.71	8416.62	1354.0	97.10	2.18	.61	.02	.09
6865	46176	2781.00	8417.40	1354.0	96.17	2.70	.70	.10	.33
6866	46177	2783.30	8418.17	1354.0	95.38	3.50	.89	.06	.17
6867	46178	2785.59	8418.94	1354.0	94.89	3.54	.94	.12	.51
6868	46179	2787.88	8419.71	1354.0	94.32	3.89	1.25	.11	.43
6869	46180	2791.01	8418.20	1354.0	93.48	4.06	2.22	.05	.19
6870	46181	2788.60	8417.58	1354.0	96.07	2.64	.81	.11	.37
6871	46182	2786.31	8416.78	1354.0	97.09	2.06	.62	.05	.18
6872	46183	2784.02	8415.97	1354.0	96.70	2.29	.70	.07	.24
6873	46184	2781.74	8415.16	1354.0	95.49	1.96	2.42	.03	.10
6874	46185	2779.45	8414.35	1354.0	96.93	2.42	.45	.04	.16

6875	46186	2780.19	8412.08	1354.0	97.04	2.19	.54	.05	.18
6876	46187	2782.47	8412.92	1354.0	97.14	2.00	.64	.05	.17
6877	46188	2784.75	8413.77	1354.0	97.59	1.78	.36	.05	.22
6878	46189	2787.03	8414.61	1354.0	97.26	1.93	.58	.05	.18
6879	46190	2789.32	8415.46	1354.0	97.62	1.80	.39	.04	.15
6880	46191	2791.68	8416.17	1354.0	97.58	1.52	.71	.05	.14
6881	46192	2792.35	8414.14	1354.0	97.78	1.70	.36	.04	.12
6882	46193	2790.03	8413.33	1354.0	97.59	1.86	.38	.04	.13
6883	46194	2787.76	8412.45	1354.0	97.58	1.69	.37	.08	.28
6884	46195	2785.48	8411.57	1354.0	97.13	2.13	.45	.06	.23
6885	46196	2783.21	8410.69	1354.0	96.76	2.34	.47	.11	.32
6886	46197	2780.93	8409.81	1354.0	96.80	2.34	.45	.10	.31
6887	46198	2781.67	8407.54	1354.0	97.39	2.03	.39	.04	.15
6888	46199	2783.94	8408.45	1354.0	96.83	2.52	.39	.06	.20
6889	46200	2786.21	8409.37	1354.0	97.18	2.18	.42	.05	.17
6890	46201	2788.48	8410.28	1354.0	97.40	1.89	.39	.07	.25
6891	46202	2790.75	8411.20	1354.0	97.29	1.64	.82	.06	.19
6892	46203	2793.02	8412.11	1354.0	97.00	2.41	.35	.06	.18
6893	46204	2794.88	8412.68	1354.0	97.49	1.87	.39	.06	.19
K12=792,1354									
44096900	46441	2795.99	8399.50	1354.0	97.48	2.03	.34	.03	.12
6901	46442	2795.49	8401.93	1354.0	97.96	1.56	.33	.03	.12
6902	46443	2795.00	8404.35	1354.0	97.50	1.93	.36	.05	.16
6903	46444	2794.50	8406.77	1354.0	97.75	1.72	.38	.04	.11
6904	46445	2791.72	8408.32	1354.0	97.93	1.54	.37	.04	.12
6905	46446	2792.04	8406.52	1354.0	96.69	2.40	.72	.05	.14
6906	46447	2792.53	8404.10	1354.0	97.59	1.79	.45	.04	.13
6907	46448	2793.02	8401.68	1354.0	97.03	2.41	.35	.05	.16
6909	46450	2793.51	8399.26	1354.0	97.84	1.60	.32	.05	.19
6911	46452	2791.04	8399.03	1354.0	97.59	1.82	.42	.04	.13
6913	46454	2790.56	8401.44	1354.0	97.74	1.66	.39	.05	.16
6915	46456	2790.07	8403.86	1354.0	96.50	2.18	.64	.17	.51
6917	46458	2789.58	8406.27	1354.0	97.20	2.00	.60	.05	.15
6919	46460	2789.38	8408.09	1354.0	95.05	3.42	.74	.19	.60
6921	46462	2787.12	8406.02	1354.0	97.07	2.20	.46	.06	.21
6923	46464	2787.60	8403.61	1354.0	97.32	1.96	.46	.06	.20
6925	46466	2788.09	8401.20	1354.0	97.23	2.09	.46	.05	.17
6927	46468	2788.57	8398.79	1354.0	97.65	1.82	.30	.05	.18
6929	46470	2786.09	8398.56	1354.0	97.57	1.83	.37	.05	.18
6931	46472	2785.62	8400.96	1354.0	97.13	2.10	.40	.08	.29
6933	46474	2785.14	8403.36	1354.0	97.14	1.84	.78	.05	.19
6935	46476	2784.66	8405.77	1354.0	97.77	1.61	.39	.06	.17
6937	46478	2782.59	8405.31	1354.0	96.19	2.80	.80	.05	.16
6939	46480	2782.64	8403.16	1354.0	94.40	4.87	.40	.07	.26
6941	46482	2783.13	8400.74	1354.0	97.16	2.07	.49	.07	.21
6943	46484	2783.62	8398.32	1354.0	96.75	2.52	.46	.07	.20
6945	46486	2781.90	8398.09	1354.0	96.89	2.50	.42	.04	.15
6947	46488	2781.43	8400.48	1354.0	97.14	1.80	.85	.05	.16
6949	46490	2780.95	8402.88	1354.0	95.63	3.67	.40	.07	.23
6951	46492	2780.99	8405.02	1354.0	96.92	2.27	.49	.08	.24
6953	46494	2779.80	8400.28	1354.0	95.51	3.50	.51	.14	.34
6955	46496	2780.16	8397.89	1354.0	93.55	4.59	.89	.24	.73
6957	46498	2780.52	8395.50	1354.0	96.79	2.42	.41	.08	.30
6959	46500	2782.38	8395.69	1354.0	97.14	2.24	.40	.05	.17
6961	46502	2784.11	8395.90	1354.0	96.74	2.54	.50	.06	.16
6963	46504	2786.58	8396.14	1354.0	97.68	1.74	.39	.05	.14
6965	46506	2789.06	8396.37	1354.0	96.70	2.73	.33	.05	.19
6967	46508	2791.53	8396.61	1354.0	94.99	4.40	.34	.05	.22
6969	46510	2794.01	8396.85	1354.0	96.78	2.29	.70	.04	.19

6971	46512	2796.48	8397.08	1354.0	97.88	1.49	.37	.05	.21
6973	46514	2796.97	8394.66	1354.0	97.45	1.82	.56	.04	.13
6975	46516	2794.50	8394.42	1354.0	97.42	1.99	.35	.05	.19
6977	46518	2792.02	8394.19	1354.0	97.84	1.62	.34	.04	.16
6979	46520	2789.55	8393.95	1354.0	95.70	3.62	.40	.07	.21
6981	46522	2787.07	8393.71	1354.0	97.69	1.61	.48	.05	.17
6983	46524	2784.60	8393.48	1354.0	97.13	2.13	.52	.05	.17
6985	46526	2782.85	8393.30	1354.0	97.64	1.71	.45	.04	.16
6987	46528	2780.88	8393.10	1354.0	96.76	2.53	.42	.06	.23
6989	46530	2781.24	8390.71	1354.0	97.57	1.72	.41	.07	.23
6991	46532	2783.32	8390.90	1354.0	96.60	2.78	.36	.06	.20
6993	46534	2785.09	8391.06	1354.0	97.25	1.90	.49	.08	.28
6995	46536	2787.57	8391.30	1354.0	97.64	1.77	.40	.04	.15
6997	46538	2790.04	8391.53	1354.0	97.66	1.74	.42	.04	.14
6999	46540	2792.52	8391.77	1354.0	97.14	1.97	.67	.05	.17
7001	46542	2794.99	8392.00	1354.0	97.33	2.10	.35	.06	.16
7003	46544	2797.47	8392.24	1354.0	97.40	2.06	.35	.05	.14
K12=798,1354									
44107101	46863	2800.79	8384.70	1354.0	97.60	1.74	.50	.04	.12
7103	46865	2800.53	8386.98	1354.0	97.63	1.77	.35	.05	.20
7105	46867	2798.48	8386.88	1354.0	97.57	1.75	.40	.06	.22
7107	46869	2798.85	8384.51	1354.0	97.05	2.24	.51	.05	.15
7109	46871	2799.23	8382.14	1354.0	97.66	1.56	.65	.03	.10
7111	46873	2799.61	8379.77	1354.0	97.90	1.51	.35	.06	.18
7113	46875	2799.98	8377.40	1354.0	97.82	1.68	.34	.04	.12
7115	46877	2800.36	8375.02	1354.0	97.73	1.72	.31	.04	.20
7117	46879	2798.03	8374.82	1354.0	98.11	1.37	.31	.04	.17
7119	46881	2797.71	8377.21	1354.0	97.61	1.78	.40	.04	.17
7121	46883	2797.38	8379.60	1354.0	97.83	1.67	.33	.04	.13
7123	46885	2797.05	8381.99	1354.0	97.87	1.52	.43	.04	.14
7125	46887	2796.72	8384.38	1354.0	97.73	1.67	.40	.04	.16
7127	46889	2796.39	8386.77	1354.0	97.58	1.88	.36	.04	.14
7129	46891	2794.30	8386.66	1354.0	97.57	1.72	.56	.03	.12
7131	46893	2794.59	8384.25	1354.0	97.33	2.18	.36	.03	.10
7133	46895	2794.87	8381.84	1354.0	97.47	1.89	.47	.04	.13
7135	46897	2795.15	8379.43	1354.0	97.48	2.00	.31	.04	.17
7137	46899	2795.43	8377.02	1354.0	97.80	1.72	.32	.04	.12
7139	46901	2795.71	8374.61	1354.0	97.58	1.91	.30	.04	.17
7141	46903	2793.39	8374.40	1354.0	97.54	1.95	.32	.04	.15
7143	46905	2793.15	8376.83	1354.0	97.40	2.10	.32	.04	.14
7145	46907	2792.92	8379.26	1354.0	97.55	1.79	.36	.06	.24
7147	46909	2792.69	8381.69	1354.0	96.38	2.10	1.34	.04	.14
7149	46911	2792.45	8384.12	1354.0	97.56	1.74	.51	.04	.15
7151	46913	2792.22	8386.56	1354.0	97.40	1.98	.37	.05	.20
7153	46915	2790.13	8386.45	1354.0	96.14	2.71	.85	.06	.24
7155	46917	2790.32	8384.00	1354.0	97.43	1.70	.57	.05	.25
7157	46919	2790.50	8381.54	1354.0	97.45	1.75	.55	.05	.20
7159	46921	2790.69	8379.09	1354.0	97.71	1.82	.30	.04	.13
7161	46923	2790.88	8376.64	1354.0	97.43	2.02	.33	.05	.17
7163	46925	2791.06	8374.19	1354.0	96.79	2.52	.36	.08	.25
7165	46927	2788.74	8373.99	1354.0	95.99	3.36	.37	.07	.21
7167	46929	2788.60	8376.46	1354.0	96.06	3.09	.42	.09	.34
7169	46931	2788.46	8378.93	1354.0	96.31	2.81	.40	.09	.39
7171	46933	2788.32	8381.40	1354.0	97.53	1.80	.51	.03	.13
7173	46935	2788.19	8383.87	1354.0	97.45	1.88	.49	.04	.14
7175	46937	2788.05	8386.34	1354.0	95.85	3.22	.75	.04	.14
7177	46939	2788.87	8371.51	1354.0	97.75	1.68	.36	.05	.16
7179	46941	2791.25	8371.74	1354.0	97.85	1.60	.30	.06	.19
7181	46943	2793.62	8371.97	1354.0	97.35	2.14	.34	.04	.13

7183	46945	2795.99	8372.20	1354.0	97.81	1.57	.42	.04	.16
7185	46947	2798.36	8372.42	1354.0	97.33	2.10	.37	.04	.16
7187	46949	2800.74	8372.65	1354.0	98.17	1.30	.33	.04	.16
7189	46951	2798.10	8389.25	1354.0	98.13	1.37	.32	.03	.15
7191	46953	2796.06	8389.16	1354.0	96.78	2.46	.39	.04	.33
7193	46955	2794.02	8389.07	1354.0	97.80	1.63	.36	.04	.17
7195	46957	2791.99	8388.99	1354.0	97.71	1.66	.47	.03	.13
7197	46959	2789.95	8388.90	1354.0	97.40	2.00	.40	.04	.16
7199	46961	2787.91	8388.81	1354.0	96.11	3.22	.43	.05	.19
7201	46963	2786.63	8368.96	1354.0	97.87	1.44	.48	.05	.16
7203	46965	2789.01	8369.04	1354.0	98.14	1.37	.35	.04	.10
7205	46967	2791.43	8369.29	1354.0	97.29	2.18	.34	.04	.15
7207	46969	2793.85	8369.54	1354.0	96.96	2.52	.33	.04	.15
7209	46971	2796.27	8369.79	1354.0	96.16	3.17	.37	.07	.23
7211	46973	2798.69	8370.03	1354.0	98.03	1.47	.33	.04	.13
7213	46975	2801.11	8370.28	1354.0	98.08	1.38	.31	.05	.18
7215	46977	2801.49	8367.91	1354.0	98.07	1.31	.34	.07	.21
7217	46979	2799.02	8367.64	1354.0	98.03	1.41	.34	.05	.17
7219	46981	2796.55	8367.38	1354.0	98.12	1.40	.33	.04	.11
7221	46983	2794.08	8367.11	1354.0	97.75	1.60	.53	.02	.10
7223	46985	2791.62	8366.84	1354.0	97.78	1.64	.44	.03	.11
7225	46987	2789.15	8366.58	1354.0	97.35	1.56	.95	.05	.09
7227	46989	2786.68	8366.31	1354.0	97.92	1.44	.33	.06	.25
K12=800									
44117229	47076	2840.26	8365.15	1354.0	95.90	1.96	1.69	.08	.37
7231	47078	2837.84	8364.78	1354.0	96.99	1.67	1.22	.03	.09
7233	47080	2835.41	8364.42	1354.0	97.58	1.89	.39	.04	.10
7235	47082	2832.99	8364.05	1354.0	94.67	4.55	.59	.05	.14
7237	47084	2830.56	8363.69	1354.0	97.59	1.93	.40	.02	.06
7239	47086	2828.14	8363.32	1354.0	97.19	2.39	.36	.01	.05
7241	47088	2828.75	8360.95	1354.0	96.85	2.71	.37	.01	.06
7243	47090	2831.17	8361.31	1354.0	96.24	3.27	.38	.03	.08
7245	47092	2833.60	8361.67	1354.0	97.62	1.85	.46	.02	.05
7247	47094	2836.03	8362.04	1354.0	97.83	1.67	.36	.04	.10
7249	47096	2838.46	8362.40	1354.0	97.33	1.75	.74	.05	.13
7251	47098	2840.88	8362.76	1354.0	97.81	1.42	.58	.05	.14
7253	47100	2841.50	8360.38	1354.0	97.74	1.46	.47	.08	.25
7255	47102	2839.07	8360.02	1354.0	97.68	1.66	.43	.05	.18
7257	47104	2836.64	8359.66	1354.0	96.08	3.36	.41	.04	.11
7259	47106	2834.21	8359.30	1354.0	97.51	1.99	.39	.02	.09
7261	47108	2831.78	8358.94	1354.0	96.65	2.88	.42	.01	.04
7263	47110	2829.35	8358.58	1354.0	97.63	1.89	.40	.02	.06
7265	47112	2829.96	8356.21	1354.0	97.56	1.95	.41	.02	.06
7267	47114	2837.26	8357.28	1354.0	97.64	1.78	.41	.04	.13
7269	47116	2839.69	8357.63	1354.0	97.83	1.50	.51	.04	.12
7271	47118	2842.13	8357.99	1354.0	97.65	1.52	.66	.04	.13
7273	47120	2842.75	8355.60	1354.0	97.22	1.95	.60	.06	.17
7275	47122	2840.31	8355.25	1354.0	97.35	2.07	.43	.04	.11
7277	47124	2837.87	8354.90	1354.0	96.99	2.34	.45	.06	.16
7279	47126	2835.43	8354.55	1354.0	96.92	2.40	.42	.07	.19
7281	47128	2833.00	8354.19	1354.0	95.78	3.45	.56	.05	.16
7283	47130	2830.56	8353.84	1354.0	97.54	1.90	.44	.03	.09
7285	47132	2833.60	8351.82	1354.0	95.26	2.07	2.41	.07	.19
7287	47134	2836.05	8352.17	1354.0	97.63	1.65	.48	.07	.17
7289	47136	2840.93	8352.87	1354.0	96.45	2.16	.91	.12	.36
7291	47138	2843.37	8353.22	1354.0	97.15	1.79	.80	.06	.20
7293	47140	2843.99	8350.83	1354.0	96.84	2.23	.72	.06	.15
7295	47142	2839.10	8350.14	1354.0	97.76	1.62	.38	.07	.17
7297	47144	2836.66	8349.79	1354.0	97.50	1.81	.42	.09	.18

7299	47146	2834.21	8349.45	1354.0	97.78	1.57	.45	.05	.15
K12=804									
44127301	47433	2788.54	8364.21	1354.0	97.56	1.65	.46	.07	.26
7303	47435	2791.06	8364.61	1354.0	95.46	1.73	2.62	.03	.16
7305	47437	2793.58	8365.01	1354.0	96.47	1.73	1.56	.05	.19
7307	47439	2796.10	8365.42	1354.0	96.77	2.53	.44	.07	.19
7309	47441	2798.62	8365.82	1354.0	97.59	1.83	.39	.04	.15
7311	47443	2801.14	8366.22	1354.0	97.91	1.53	.37	.05	.14
7313	47445	2803.21	8366.34	1354.0	97.70	1.77	.35	.04	.14
7315	47447	2803.72	8364.46	1354.0	97.63	1.75	.38	.06	.18
7317	47449	2801.22	8364.02	1354.0	97.43	1.51	.77	.06	.23
7319	47451	2798.72	8363.57	1354.0	97.46	1.66	.60	.07	.21
7321	47453	2796.22	8363.13	1354.0	97.19	1.57	.92	.07	.25
7323	47455	2793.72	8362.68	1354.0	97.29	1.56	.73	.09	.33
7325	47457	2791.21	8362.24	1354.0	97.70	1.66	.39	.05	.20
7327	47459	2788.71	8361.79	1354.0	98.03	1.43	.35	.03	.16
7329	47461	2788.93	8359.33	1354.0	97.51	1.44	.75	.06	.24
7331	47463	2791.45	8359.78	1354.0	97.69	1.55	.44	.07	.25
7333	47465	2793.98	8360.22	1354.0	97.70	1.66	.40	.06	.18
7335	47467	2796.50	8360.67	1354.0	97.95	1.46	.39	.04	.16
7337	47469	2799.03	8361.11	1354.0	97.35	1.99	.46	.05	.15
7339	47471	2801.55	8361.55	1354.0	95.38	1.53	2.89	.04	.16
7341	47473	2804.08	8362.00	1354.0	97.36	1.54	.89	.05	.16
7343	47475	2804.43	8359.54	1354.0	96.93	1.75	1.11	.05	.16
7345	47477	2801.89	8359.09	1354.0	97.86	1.51	.42	.04	.17
7347	47479	2799.34	8358.65	1354.0	97.00	1.99	.67	.08	.26
7349	47481	2796.79	8358.20	1354.0	97.56	1.75	.49	.05	.15
7351	47483	2794.24	8357.76	1354.0	97.45	1.55	.78	.05	.17
7353	47485	2791.69	8357.31	1354.0	97.34	1.91	.42	.06	.27
7355	47487	2789.14	8356.87	1354.0	97.48	1.63	.57	.07	.25
7357	47489	2786.79	8353.96	1354.0	97.05	1.70	.69	.09	.47
7359	47491	2786.98	8351.50	1354.0	96.88	1.54	1.34	.03	.21
7361	47493	2787.17	8349.04	1354.0	97.10	2.04	.56	.07	.23
7363	47495	2789.79	8349.48	1354.0	96.96	1.53	1.25	.05	.21
7365	47497	2789.57	8351.95	1354.0	97.06	1.82	.50	.13	.49
7367	47499	2789.36	8354.41	1354.0	96.83	1.94	.78	.10	.35
7369	47501	2791.93	8354.85	1354.0	96.08	1.87	1.80	.05	.20
7371	47503	2792.17	8352.39	1354.0	97.63	1.68	.35	.07	.27
7373	47505	2792.41	8349.93	1354.0	97.08	1.67	.99	.06	.20
7375	47507	2795.03	8350.37	1354.0	97.60	1.69	.42	.07	.22
7377	47509	2794.76	8352.83	1354.0	97.28	1.91	.47	.08	.26
7379	47511	2794.50	8355.30	1354.0	95.47	1.70	2.69	.03	.11
7381	47513	2797.07	8355.74	1354.0	96.59	1.73	1.47	.04	.17
7383	47515	2797.36	8353.28	1354.0	97.58	1.73	.35	.07	.27
7385	47517	2797.65	8350.82	1354.0	97.16	1.84	.78	.04	.18
7387	47519	2800.26	8351.26	1354.0	97.71	1.61	.50	.04	.14
7389	47521	2799.96	8353.72	1354.0	97.38	1.82	.33	.09	.38
7391	47523	2799.65	8356.19	1354.0	97.29	2.06	.44	.05	.16
7393	47525	2802.22	8356.63	1354.0	97.27	1.64	.94	.02	.13
7395	47527	2802.55	8354.17	1354.0	97.62	1.88	.36	.03	.11
7397	47529	2802.88	8351.71	1354.0	97.77	1.74	.38	.02	.09
7399	47531	2805.50	8352.15	1354.0	98.05	1.52	.33	.02	.08
7401	47533	2805.15	8354.61	1354.0	97.70	1.77	.40	.02	.11
7403	47535	2804.79	8357.07	1354.0	97.48	1.73	.53	.05	.21
7405	47537	2805.70	8366.54	1354.0	97.10	2.08	.46	.10	.26
7407	47539	2806.22	8364.90	1354.0	97.27	2.02	.37	.07	.27
7409	47541	2806.60	8362.44	1354.0	97.14	2.07	.43	.07	.29
7411	47543	2806.98	8359.98	1354.0	97.74	1.53	.44	.07	.22
7413	47545	2807.36	8357.52	1354.0	97.51	1.84	.46	.04	.15

7415	47547	2807.74	8355.06	1354.0	97.86	1.50	.47	.03	.14
7417	47549	2808.12	8352.59	1354.0	96.13	1.48	2.24	.03	.12
7419	47551	2810.74	8353.04	1354.0	97.23	1.97	.53	.07	.20
7421	47553	2810.34	8355.50	1354.0	97.95	1.45	.39	.05	.16
7423	47555	2809.93	8357.96	1354.0	97.68	1.51	.51	.07	.23
7425	47557	2809.53	8360.43	1354.0	97.34	1.84	.59	.06	.17
7427	47559	2809.12	8362.89	1354.0	97.19	1.68	.97	.04	.12
7429	47561	2808.72	8365.35	1354.0	97.59	1.85	.41	.03	.12
K12=	807								
44137431	47755	2811.10	8365.81	1354.0	93.31	6.06	.32	.05	.26
7433	47757	2813.46	8366.30	1354.0	98.03	1.56	.30	.02	.09
7435	47759	2815.81	8366.79	1354.0	97.91	1.64	.32	.03	.10
7437	47761	2820.73	8365.19	1354.0	96.67	2.77	.42	.03	.11
7439	47763	2818.42	8364.76	1354.0	96.95	2.63	.31	.02	.09
7441	47765	2816.10	8364.33	1354.0	97.94	1.65	.32	.02	.07
7443	47767	2813.79	8363.89	1354.0	97.63	1.85	.35	.03	.14
7445	47769	2811.47	8363.46	1354.0	93.02	6.16	.44	.04	.34
7447	47771	2810.81	8360.96	1354.0	97.71	1.68	.46	.03	.12
7449	47773	2811.84	8361.11	1354.0	97.61	1.87	.37	.03	.12
7451	47775	2814.17	8361.56	1354.0	97.90	1.58	.35	.04	.13
7453	47777	2816.50	8362.01	1354.0	98.00	1.54	.36	.02	.08
7455	47779	2818.83	8362.46	1354.0	98.25	1.29	.32	.03	.11
7457	47781	2821.16	8362.91	1354.0	98.23	1.35	.31	.02	.09
7459	47783	2826.68	8361.23	1354.0	98.04	1.49	.34	.03	.10
7461	47785	2824.13	8360.93	1354.0	97.91	1.63	.39	.02	.05
7463	47787	2821.59	8360.63	1354.0	98.12	1.43	.39	.01	.05
7465	47789	2819.25	8360.16	1354.0	98.36	1.22	.32	.02	.08
7467	47791	2816.90	8359.69	1354.0	97.50	2.00	.38	.02	.10
7469	47793	2814.56	8359.23	1354.0	97.80	1.71	.35	.03	.11
7471	47795	2812.22	8358.76	1354.0	97.31	2.05	.45	.04	.15
7473	47797	2811.60	8356.21	1354.0	97.49	1.34	.77	.08	.32
7475	47799	2812.59	8356.41	1354.0	97.48	1.73	.56	.06	.17
7477	47801	2814.95	8356.89	1354.0	97.76	1.58	.48	.04	.14
7479	47803	2817.31	8357.38	1354.0	98.08	1.48	.34	.02	.08
7481	47805	2819.67	8357.86	1354.0	98.07	1.51	.33	.02	.07
7483	47807	2822.02	8358.35	1354.0	97.75	1.69	.40	.04	.12
7485	47809	2824.33	8358.68	1354.0	97.90	1.35	.50	.02	.23
7487	47811	2827.20	8357.07	1354.0	98.04	1.34	.51	.03	.08
7489	47813	2824.83	8356.57	1354.0	97.50	1.65	.73	.03	.09
7491	47815	2822.45	8356.07	1354.0	98.11	1.39	.37	.03	.10
7493	47817	2820.08	8355.56	1354.0	97.75	1.58	.44	.05	.18
7495	47819	2817.71	8355.06	1354.0	96.96	2.15	.56	.06	.27
7497	47821	2815.33	8354.56	1354.0	96.33	1.40	2.08	.03	.16
7499	47823	2812.96	8354.06	1354.0	97.89	1.49	.42	.04	.16
7501	47825	2812.00	8353.78	1354.0	98.04	1.56	.33	.01	.06
K12=809,1354									
44147503	47869	2923.28	8034.99	1354.0	97.20	1.81	.54	.13	.32
7505	47871	2923.22	8037.09	1354.0	97.52	1.81	.37	.09	.21
7507	47873	2923.03	8043.40	1354.0	98.31	1.16	.33	.05	.15
7509	47875	2922.97	8045.50	1354.0	97.60	1.80	.34	.09	.17
7511	47877	2922.91	8047.61	1354.0	98.13	1.29	.35	.07	.16
7513	47879	2920.46	8049.78	1354.0	98.07	1.41	.35	.05	.12
7515	47881	2920.51	8047.67	1354.0	97.66	1.83	.33	.05	.13
7517	47883	2920.57	8045.57	1354.0	97.40	2.04	.33	.07	.16
7519	47885	2920.63	8043.47	1354.0	98.27	1.23	.33	.05	.12
7521	47887	2920.75	8039.26	1354.0	98.11	1.36	.32	.06	.15
7523	47889	2920.86	8035.06	1354.0	98.06	1.22	.40	.10	.22
7525	47891	2918.44	8035.13	1354.0	98.09	1.32	.33	.07	.19
7527	47893	2918.39	8037.23	1354.0	98.07	1.28	.34	.10	.21

7529	47895	2918.33	8039.33	1354.0	98.14	1.30	.35	.07	.14
7531	47897	2918.28	8041.43	1354.0	97.41	1.94	.32	.10	.23
7533	47899	2918.23	8043.54	1354.0	98.14	1.30	.34	.06	.16
7535	47901	2918.17	8045.64	1354.0	97.92	1.41	.34	.10	.23
7537	47903	2915.67	8049.91	1354.0	98.04	1.33	.33	.08	.22
7539	47905	2915.72	8047.81	1354.0	97.64	1.69	.35	.07	.25
7541	47907	2915.77	8045.71	1354.0	94.73	4.59	.33	.10	.25
7543	47909	2915.82	8043.60	1354.0	97.82	1.24	.67	.08	.19
7545	47911	2915.87	8041.50	1354.0	97.63	1.44	.60	.11	.22
7547	47913	2915.92	8039.40	1354.0	98.04	1.35	.32	.08	.21
7549	47915	2915.97	8037.30	1354.0	97.94	1.33	.42	.09	.22
7551	47917	2916.02	8035.19	1354.0	98.22	1.21	.34	.06	.17
7553	47919	2913.60	8035.26	1354.0	97.97	1.21	.47	.11	.24
7555	47921	2913.55	8037.36	1354.0	98.00	1.22	.44	.10	.24
7557	47923	2913.51	8039.47	1354.0	97.85	1.35	.47	.09	.24
7559	47925	2913.46	8041.57	1354.0	97.33	1.56	.48	.18	.45
7561	47927	2913.42	8043.67	1354.0	95.26	2.08	2.41	.06	.19
7563	47929	2913.37	8045.77	1354.0	97.57	1.70	.36	.11	.26
7565	47931	2913.33	8047.88	1354.0	97.89	1.45	.34	.10	.22
7567	47933	2913.28	8049.98	1354.0	97.77	1.48	.38	.11	.26
7569	47935	2910.89	8050.05	1354.0	97.84	1.43	.40	.10	.23
7571	47937	2910.93	8047.94	1354.0	97.59	1.72	.44	.08	.17
7573	47939	2910.96	8045.84	1354.0	97.74	1.39	.35	.15	.37
7575	47941	2911.00	8043.73	1354.0	95.89	2.99	.41	.20	.51
7577	47943	2911.03	8041.63	1354.0	97.11	1.96	.38	.16	.39
7579	47945	2911.07	8039.52	1354.0	97.34	1.27	1.15	.08	.16
7581	47947	2911.09	8037.35	1354.0	97.76	1.34	.64	.08	.18
K12=810,1354									
44157601	47949	2866.83	8360.98	1354.0	96.78	2.47	.43	.08	.24
7603	47951	2864.43	8361.05	1354.0	97.08	2.31	.36	.06	.19
7605	47953	2864.49	8358.60	1354.0	95.52	2.22	1.40	.07	.79
7607	47955	2864.54	8356.15	1354.0	96.59	2.39	.54	.13	.35
7609	47957	2864.59	8353.70	1354.0	96.45	2.60	.45	.14	.36
7611	47959	2864.65	8351.25	1354.0	95.97	3.15	.50	.10	.28
7613	47961	2862.22	8351.30	1354.0	95.53	3.37	.51	.13	.46
7615	47963	2862.17	8353.76	1354.0	96.54	2.66	.51	.07	.22
7617	47965	2862.13	8356.22	1354.0	93.07	6.24	.45	.06	.18
7619	47967	2862.08	8358.67	1354.0	96.25	2.96	.41	.06	.32
7621	47969	2862.03	8361.13	1354.0	96.67	2.76	.33	.06	.18
7623	47971	2859.63	8361.21	1354.0	96.33	2.07	.86	.23	.51
7625	47973	2859.67	8358.74	1354.0	96.32	2.98	.38	.08	.24
7627	47975	2859.71	8356.28	1354.0	96.52	2.50	.62	.10	.26
7629	47977	2859.75	8353.81	1354.0	96.04	2.98	.61	.09	.28
7631	47979	2859.79	8351.35	1354.0	96.33	2.82	.43	.09	.33
7633	47981	2842.55	8366.43	1354.0	95.35	1.75	2.57	.04	.29
7635	47983	2842.59	8363.97	1354.0	97.01	1.85	.43	.05	.66
7637	47985	2842.80	8351.68	1354.0	94.32	2.52	2.92	.05	.19
7639	47987	2845.24	8351.63	1354.0	94.95	2.06	2.69	.06	.24
7641	47989	2845.21	8354.08	1354.0	97.05	1.87	.61	.11	.36
7643	47991	2845.17	8356.53	1354.0	97.28	1.99	.35	.09	.29
7645	47993	2845.14	8358.98	1354.0	97.28	1.96	.36	.09	.31
7647	47995	2845.11	8361.43	1354.0	97.25	1.75	.41	.11	.48
7649	47997	2845.07	8363.88	1354.0	97.71	1.52	.40	.09	.28
7651	47999	2845.04	8366.33	1354.0	97.40	1.65	.41	.07	.47
7653	48001	2847.37	8366.21	1354.0	96.95	2.21	.41	.11	.32
7655	48003	2847.42	8363.77	1354.0	97.16	2.02	.37	.11	.34
7657	48005	2847.47	8361.33	1354.0	97.39	1.80	.45	.09	.27
7659	48007	2847.52	8358.89	1354.0	97.43	1.84	.38	.09	.26
7661	48009	2847.57	8356.46	1354.0	96.86	1.62	.66	.20	.66

7663	48011	2847.62	8354.02	1354.0	95.55	1.92	1.94	.11	.48
7665	48013	2847.66	8351.58	1354.0	94.58	2.18	2.69	.18	.37
7667	48015	2850.09	8351.54	1354.0	97.39	1.62	.60	.09	.30
7669	48017	2850.03	8353.96	1354.0	97.13	1.88	.58	.10	.31
7671	48019	2849.96	8356.38	1354.0	96.98	1.97	.39	.15	.51
7673	48021	2849.90	8358.81	1354.0	97.07	2.13	.35	.12	.33
7675	48023	2849.83	8361.23	1354.0	97.45	1.82	.49	.07	.17
7677	48025	2849.77	8363.66	1354.0	97.48	1.88	.35	.07	.22
7679	48027	2849.71	8366.08	1354.0	97.13	2.07	.57	.07	.16
7681	48029	2852.04	8365.96	1354.0	95.71	3.61	.49	.06	.13
7683	48031	2852.23	8363.70	1354.0	96.82	2.39	.41	.09	.29
7685	48033	2852.42	8361.44	1354.0	96.81	2.13	.66	.09	.31
7687	48035	2852.44	8358.95	1354.0	96.57	2.75	.35	.10	.23
7689	48037	2852.47	8356.46	1354.0	97.37	1.79	.42	.10	.32
7691	48039	2852.49	8353.98	1354.0	96.56	2.66	.37	.10	.31
7693	48041	2852.52	8351.49	1354.0	97.52	1.46	.75	.06	.21
7695	48043	2854.94	8351.44	1354.0	96.64	2.15	.96	.06	.19
7697	48045	2854.91	8353.92	1354.0	95.84	2.13	1.78	.06	.19
7699	48047	2854.88	8356.40	1354.0	96.81	2.33	.42	.11	.33
7701	48049	2854.85	8358.88	1354.0	96.82	2.12	.52	.13	.41
7703	48051	2854.82	8361.36	1354.0	96.14	2.52	.93	.10	.31
7705	48053	2854.61	8363.68	1354.0	96.99	1.86	.72	.10	.33
7707	48055	2856.65	8362.55	1354.0	96.44	2.75	.47	.08	.26
7709	48057	2857.23	8361.29	1354.0	97.01	2.26	.51	.06	.16
7711	48059	2857.26	8358.81	1354.0	96.64	2.70	.40	.07	.19
7713	48061	2857.30	8356.34	1354.0	96.33	2.91	.34	.11	.31
7715	48063	2857.33	8353.87	1354.0	96.04	3.26	.37	.08	.25
7717	48065	2857.37	8351.40	1354.0	96.93	2.33	.34	.09	.31
K12=815,1354									
44167801	48355	2855.98	8349.70	1354.0	97.42	1.62	.61	.06	.29
7803	48357	2853.54	8349.32	1354.0	97.25	1.90	.51	.06	.28
7805	48359	2853.75	8347.08	1354.0	97.75	1.61	.35	.05	.24
7807	48361	2853.97	8344.67	1354.0	96.02	2.35	1.14	.09	.40
7809	48363	2856.43	8344.90	1354.0	96.94	2.14	.56	.08	.28
7811	48365	2856.21	8347.30	1354.0	97.70	1.55	.39	.06	.30
7813	48367	2854.19	8342.27	1354.0	95.14	3.79	.69	.09	.29
7815	48369	2856.66	8342.50	1354.0	95.55	3.30	.65	.14	.36
7817	48371	2856.88	8340.11	1354.0	97.25	2.06	.36	.08	.25
7819	48373	2854.42	8339.87	1354.0	96.26	2.73	.71	.08	.22
7821	48375	2851.95	8339.63	1354.0	96.07	3.12	.42	.10	.29
7823	48377	2851.73	8342.04	1354.0	96.52	1.65	1.64	.04	.15
7825	48379	2851.51	8344.45	1354.0	97.34	1.95	.40	.07	.24
7827	48381	2851.28	8346.86	1354.0	95.97	2.05	1.36	.10	.52
7829	48383	2851.10	8348.94	1354.0	97.36	1.73	.42	.08	.41
7831	48385	2848.66	8348.55	1354.0	96.66	2.07	.77	.12	.38
7833	48387	2848.82	8346.65	1354.0	97.46	1.83	.40	.07	.24
7835	48389	2849.04	8344.23	1354.0	96.56	2.60	.33	.11	.40
7837	48391	2849.26	8341.81	1354.0	96.21	2.27	1.17	.10	.25
7839	48393	2849.48	8339.39	1354.0	97.20	2.15	.33	.10	.22
7841	48395	2847.02	8339.15	1354.0	95.75	2.95	.48	.22	.60
7843	48397	2846.80	8341.58	1354.0	93.64	5.16	.46	.17	.57
7845	48399	2846.58	8344.00	1354.0	96.93	1.91	.34	.26	.56
7847	48401	2846.36	8346.43	1354.0	97.34	1.87	.38	.10	.31
7849	48403	2846.22	8348.17	1354.0	97.08	2.14	.33	.10	.35
7851	48405	2843.78	8347.79	1354.0	97.32	1.98	.39	.08	.23
7853	48407	2843.90	8346.21	1354.0	94.67	4.34	.42	.14	.43
7855	48409	2844.12	8343.78	1354.0	95.32	3.29	.81	.16	.42
7857	48411	2844.33	8341.34	1354.0	93.69	5.06	.39	.22	.64
7859	48413	2844.55	8338.91	1354.0	95.82	2.81	.38	.24	.75

7861	48415	2842.08	8338.67	1354.0	96.69	2.63	.34	.11	.23
7863	48417	2841.87	8341.11	1354.0	95.33	3.32	1.08	.07	.20
7865	48419	2841.66	8343.55	1354.0	97.07	2.26	.38	.07	.22
7867	48421	2841.44	8345.99	1354.0	96.16	3.05	.37	.11	.31
7869	48423	2841.33	8347.41	1354.0	95.96	3.15	.46	.11	.32
7871	48425	2838.89	8347.03	1354.0	96.70	2.70	.47	.04	.09
7873	48427	2838.98	8345.77	1354.0	96.92	2.47	.37	.06	.18
7875	48429	2839.19	8343.33	1354.0	97.05	2.39	.35	.05	.16
7877	48431	2839.41	8340.88	1354.0	97.10	2.25	.38	.07	.20
7879	48433	2839.62	8338.43	1354.0	96.52	2.74	.44	.08	.22
7881	48435	2837.15	8338.19	1354.0	96.90	2.47	.36	.07	.20
7883	48437	2836.94	8340.65	1354.0	96.34	2.72	.52	.12	.30
7885	48439	2836.73	8343.10	1354.0	97.17	2.24	.35	.06	.18
7887	48441	2836.52	8345.55	1354.0	95.05	4.26	.41	.09	.19
7889	48443	2836.45	8346.65	1354.0	96.70	2.53	.55	.07	.15
7891	48445	2842.30	8336.23	1354.0	96.12	2.94	.35	.15	.44
7893	48447	2844.77	8336.48	1354.0	95.71	3.36	.40	.15	.38
7895	48449	2847.24	8336.72	1354.0	95.92	2.68	.95	.11	.34
7897	48451	2849.70	8336.97	1354.0	95.84	3.47	.36	.07	.26
7899	48453	2852.17	8337.22	1354.0	96.31	3.11	.32	.06	.20
7901	48455	2854.64	8337.46	1354.0	97.20	2.07	.33	.08	.32
7903	48457	2857.11	8337.71	1354.0	96.46	2.15	.90	.11	.38
K12=8161354									
44179801	48459	2818.77	8351.24	1354.0	98.16	1.35	.37	.03	.09
9803	48461	2819.03	8348.84	1354.0	97.77	1.64	.49	.02	.08
9805	48463	2819.28	8346.44	1354.0	97.77	1.76	.42	.01	.04
9807	48465	2819.54	8344.04	1354.0	97.21	2.20	.50	.02	.07
9809	48467	2819.80	8341.64	1354.0	97.88	1.64	.44	.01	.03
9811	48469	2820.05	8339.24	1354.0	95.89	3.51	.45	.03	.12
9813	48471	2820.31	8336.84	1354.0	98.14	1.48	.32	.01	.05
9815	48473	2820.57	8334.44	1354.0	98.13	1.42	.34	.02	.09
9817	48475	2822.96	8334.62	1354.0	98.30	1.30	.35	.01	.04
9819	48477	2822.71	8337.02	1354.0	98.01	1.50	.42	.01	.06
9821	48479	2822.46	8339.43	1354.0	97.90	1.70	.33	.01	.06
9823	48481	2822.21	8341.84	1354.0	98.08	1.52	.34	.01	.05
9825	48483	2821.96	8344.25	1354.0	97.61	1.63	.68	.02	.06
9827	48485	2821.72	8346.63	1354.0	97.30	2.25	.40	.01	.04
9829	48487	2821.54	8349.06	1354.0	97.82	1.64	.45	.01	.08
9831	48489	2821.37	8351.50	1354.0	98.15	1.27	.44	.03	.11
9833	48491	2823.95	8351.73	1354.0	97.42	1.98	.45	.03	.12
9835	48493	2824.05	8349.27	1354.0	97.97	1.48	.42	.03	.10
9837	48495	2824.16	8346.81	1354.0	97.04	1.72	1.18	.01	.05
9839	48497	2824.39	8344.46	1354.0	96.78	1.43	1.73	.01	.05
9841	48499	2824.63	8342.04	1354.0	97.80	1.69	.42	.02	.07
9843	48501	2824.86	8339.62	1354.0	97.66	1.68	.38	.04	.24
9845	48503	2825.10	8337.21	1354.0	98.05	1.48	.34	.03	.10
9847	48505	2825.34	8334.79	1354.0	98.06	1.50	.38	.01	.05
9849	48507	2827.73	8334.96	1354.0	97.75	1.64	.38	.06	.17
9851	48509	2827.50	8337.39	1354.0	97.32	2.04	.50	.03	.11
9853	48511	2827.27	8339.82	1354.0	97.19	2.37	.35	.02	.07
9855	48513	2827.04	8342.24	1354.0	98.19	1.37	.37	.01	.06
9857	48515	2826.81	8344.67	1354.0	98.17	1.38	.37	.01	.07
9859	48517	2826.59	8347.00	1354.0	97.69	1.80	.39	.02	.10
9861	48519	2826.33	8349.60	1354.0	97.18	2.35	.41	.01	.05
9863	48521	2829.03	8347.18	1354.0	98.02	1.58	.32	.02	.06
9865	48523	2829.23	8344.88	1354.0	97.50	1.94	.39	.03	.14
9867	48525	2829.45	8342.44	1354.0	97.69	1.74	.45	.03	.09
9869	48527	2829.67	8340.01	1354.0	96.15	3.22	.43	.05	.15
9871	48529	2829.89	8337.57	1354.0	97.84	1.60	.33	.06	.17

9873	48531	2830.11	8335.14	1354.0	97.30	2.08	.39	.06	.17
9875	48533	2832.50	8335.31	1354.0	96.51	2.88	.34	.08	.19
9877	48535	2832.29	8337.76	1354.0	96.85	2.50	.34	.08	.23
9879	48537	2832.08	8340.20	1354.0	94.72	3.61	.49	.29	.89
9881	48539	2831.87	8342.64	1354.0	97.35	2.09	.34	.05	.17
9883	48541	2831.66	8345.08	1354.0	97.94	1.60	.33	.03	.10
9885	48543	2831.46	8347.37	1354.0	96.48	2.72	.59	.06	.15
9887	48545	2833.17	8346.45	1354.0	97.13	1.88	.56	.07	.36
9889	48547	2834.08	8345.29	1354.0	94.76	4.45	.60	.05	.14
9891	48549	2834.28	8342.84	1354.0	96.16	2.83	.69	.06	.26
9893	48551	2834.48	8340.39	1354.0	96.20	2.81	.46	.15	.38
9895	48553	2834.68	8337.94	1354.0	92.96	6.27	.37	.11	.29
9897	48555	2834.88	8335.49	1354.0	97.00	2.20	.32	.12	.36
9899	48557	2837.18	8335.66	1354.0	95.71	3.60	.37	.07	.25
K12=818,1354									
44181001	48604	2804.80	8333.28	1354.0	98.37	1.24	.34	.01	.04
1003	48606	2804.63	8335.66	1354.0	97.93	1.69	.33	.01	.04
1005	48608	2804.46	8338.03	1354.0	98.30	1.31	.31	.01	.07
1007	48610	2804.29	8340.41	1354.0	97.88	1.68	.33	.02	.09
1009	48612	2804.13	8342.79	1354.0	98.33	1.20	.43	.01	.03
1011	48614	2803.96	8345.16	1354.0	98.13	1.39	.39	.02	.07
1013	48616	2803.79	8347.54	1354.0	96.72	2.64	.49	.03	.12
1015	48618	2805.85	8349.84	1354.0	98.02	1.30	.51	.03	.14
1017	48620	2806.17	8347.96	1354.0	94.92	1.23	3.41	.07	.37
1019	48622	2806.36	8345.58	1354.0	97.23	1.83	.86	.01	.07
1021	48624	2806.55	8343.19	1354.0	98.23	1.32	.40	.01	.04
1023	48626	2810.82	8350.58	1354.0	97.31	1.85	.71	.02	.11
1025	48628	2810.93	8348.81	1354.0	97.95	1.59	.36	.02	.08
1027	48630	2811.17	8346.41	1354.0	96.17	2.06	1.69	.01	.07
1029	48632	2813.82	8344.43	1354.0	97.64	1.80	.51	.01	.04
1031	48634	2813.57	8346.83	1354.0	98.17	1.37	.42	.01	.03
1033	48636	2813.31	8349.24	1354.0	97.56	2.03	.33	.01	.07
1035	48638	2813.15	8350.86	1354.0	95.09	1.43	3.39	.01	.08
1037	48640	2814.71	8350.32	1354.0	97.72	1.72	.36	.04	.16
1039	48642	2815.57	8349.59	1354.0	97.31	1.99	.57	.02	.11
1041	48644	2815.87	8347.18	1354.0	97.72	1.78	.45	.01	.04
1043	48646	2816.16	8344.78	1354.0	92.64	6.79	.44	.01	.12
1045	48648	2816.46	8342.38	1354.0	85.71	13.33	.41	.15	.40
1047	48650	2816.75	8339.97	1354.0	90.30	8.61	.74	.06	.29
1049	48652	2817.05	8337.57	1354.0	89.86	9.68	.35	.02	.09
1051	48654	2817.34	8335.16	1354.0	97.99	1.57	.38	.01	.05
1053	48656	2817.64	8332.76	1354.0	97.26	2.05	.55	.03	.11
1055	48658	2815.11	8332.39	1354.0	94.25	5.21	.35	.03	.16
1057	48660	2814.85	8334.80	1354.0	96.57	2.91	.34	.02	.16
1059	48662	2814.59	8337.20	1354.0	97.11	2.40	.35	.02	.12
1061	48664	2814.34	8339.61	1354.0	98.14	1.47	.30	.01	.08
1063	48666	2814.08	8342.02	1354.0	96.44	2.47	.51	.12	.46
1065	48668	2811.40	8344.01	1354.0	95.70	3.79	.39	.02	.10
1067	48670	2811.63	8341.62	1354.0	96.11	3.24	.45	.03	.17
1069	48672	2811.87	8339.22	1354.0	90.25	8.85	.38	.12	.40
1071	48674	2812.10	8336.82	1354.0	96.32	3.25	.31	.01	.11
1073	48676	2812.34	8334.42	1354.0	96.43	3.13	.33	.01	.10
1075	48678	2812.57	8332.02	1354.0	96.90	2.54	.36	.03	.17
1077	48680	2810.04	8331.65	1354.0	98.07	1.40	.41	.02	.10
1079	48682	2809.82	8334.04	1354.0	98.35	1.29	.30	.01	.05
1081	48684	2809.61	8336.43	1354.0	98.05	1.51	.37	.01	.06
1083	48686	2809.40	8338.82	1354.0	98.07	1.55	.31	.01	.06
1085	48688	2809.19	8341.21	1354.0	98.07	1.49	.36	.01	.07
1087	48690	2808.98	8343.60	1354.0	97.79	1.38	.75	.01	.07

1089	48692	2808.76	8346.00	1354.0	97.80	1.62	.47	.02	.09
1091	48694	2808.55	8348.39	1354.0	96.77	2.51	.62	.02	.08
1093	48696	2806.74	8340.81	1354.0	98.31	1.31	.31	.01	.06
1095	48698	2806.93	8338.43	1354.0	98.20	1.43	.32	.01	.04
1097	48700	2807.12	8336.04	1354.0	98.29	1.33	.33	.01	.04
1099	48702	2807.31	8333.66	1354.0	98.08	1.47	.38	.02	.05
1101	48704	2807.50	8331.27	1354.0	97.99	1.59	.34	.01	.07
1103	48706	2804.97	8330.90	1354.0	98.34	1.23	.37	.01	.05
K12=820,1354									
44194001	48788	2817.07	8328.84	1354.0	98.05	1.50	.31	.02	.12
4003	48790	2817.32	8326.47	1354.0	97.39	2.17	.31	.02	.11
4005	48792	2817.57	8324.09	1354.0	94.97	3.73	.87	.12	.31
4007	48794	2817.81	8321.72	1354.0	98.01	1.48	.40	.02	.09
4009	48796	2818.06	8319.34	1354.0	97.99	1.58	.33	.02	.08
4011	48798	2818.31	8316.97	1354.0	97.99	1.41	.40	.04	.16
4013	48800	2820.69	8317.26	1354.0	98.33	1.21	.33	.03	.10
4015	48802	2820.45	8319.65	1354.0	98.19	1.37	.35	.02	.07
4017	48804	2820.21	8322.03	1354.0	97.80	1.75	.31	.03	.11
4019	48806	2819.97	8324.42	1354.0	97.22	2.30	.35	.03	.10
4021	48808	2819.73	8326.81	1354.0	97.96	1.59	.33	.03	.09
4023	48810	2819.49	8329.19	1354.0	98.13	1.42	.31	.03	.11
4025	48812	2819.29	8330.80	1354.0	97.58	1.97	.36	.02	.07
4027	48814	2821.71	8331.19	1354.0	97.65	1.80	.37	.04	.14
4029	48816	2821.91	8329.55	1354.0	98.10	1.49	.33	.02	.06
4031	48818	2822.14	8327.15	1354.0	95.68	3.81	.38	.03	.10
4033	48820	2822.37	8324.75	1354.0	97.90	1.69	.32	.02	.07
4035	48822	2822.61	8322.35	1354.0	96.28	2.94	.56	.06	.16
4037	48824	2822.84	8319.95	1354.0	98.00	1.57	.33	.02	.08
4039	48826	2823.07	8317.55	1354.0	98.26	1.30	.32	.03	.09
4041	48828	2825.45	8317.84	1354.0	98.28	1.26	.33	.04	.09
4043	48830	2825.23	8320.25	1354.0	97.87	1.65	.33	.04	.11
4045	48832	2825.00	8322.67	1354.0	94.58	3.28	1.10	.29	.75
4047	48834	2824.77	8325.08	1354.0	96.36	2.99	.36	.08	.21
4049	48836	2824.55	8327.49	1354.0	95.41	4.15	.37	.02	.05
4051	48838	2824.32	8329.90	1354.0	98.35	1.22	.39	.01	.03
4053	48840	2824.13	8331.58	1354.0	98.43	1.15	.31	.03	.08
4055	48842	2826.55	8331.97	1354.0	97.35	1.65	.79	.06	.15
4057	48844	2826.74	8330.26	1354.0	97.72	1.59	.61	.02	.06
4059	48846	2826.96	8327.83	1354.0	97.69	1.80	.37	.03	.11
4061	48848	2827.18	8325.41	1354.0	97.40	2.03	.44	.03	.10
4063	48850	2827.40	8322.98	1354.0	84.91	9.97	3.22	.52	1.38
4065	48852	2827.62	8320.55	1354.0	95.44	3.57	.76	.06	.17
4069	48855	2830.22	8318.42	1354.0	98.06	1.28	.40	.06	.20
4071	48857	2830.00	8320.86	1354.0	96.67	2.77	.33	.06	.17
4073	48859	2829.79	8323.30	1354.0	96.55	2.85	.35	.05	.20
4075	48861	2829.58	8325.74	1354.0	97.31	2.08	.42	.04	.15
4077	48863	2829.37	8328.17	1354.0	94.60	4.78	.45	.04	.13
4079	48865	2829.16	8330.61	1354.0	97.22	2.17	.41	.05	.15
4081	48867	2828.97	8332.36	1354.0	97.40	1.96	.41	.06	.17
4083	48869	2831.39	8332.75	1354.0	97.40	2.00	.37	.05	.18
4085	48871	2831.57	8330.97	1354.0	96.44	2.55	.45	.10	.46
4087	48873	2831.78	8328.52	1354.0	97.44	1.90	.45	.04	.17
4089	48875	2831.98	8326.06	1354.0	97.29	1.96	.45	.08	.22
4091	48877	2832.19	8323.61	1354.0	89.64	9.60	.33	.11	.32
4093	48879	2832.39	8321.16	1354.0	95.04	2.65	1.94	.06	.31
4095	48881	2832.60	8318.71	1354.0	92.21	7.16	.34	.06	.23
4097	48883	2834.98	8319.00	1354.0	96.57	2.88	.34	.04	.17
4099	48885	2834.78	8321.46	1354.0	89.29	8.89	1.08	.21	.53
4101	48887	2834.58	8323.93	1354.0	97.19	1.96	.46	.11	.28

4103	48889	2834.39	8326.39	1354.0	95.85	3.44	.42	.08	.21
4105	48891	2834.19	8328.86	1354.0	96.93	1.96	.88	.07	.16
4107	48893	2833.99	8331.32	1354.0	96.64	2.57	.54	.07	.18
4109	48895	2833.81	8333.14	1354.0	96.66	2.53	.53	.08	.20
K12=822,1354									
44204110	48987	2788.70	8346.93	1354.0	98.11	1.36	.36	.04	.13
4111	48988	2789.21	8344.53	1354.0	97.88	1.43	.50	.05	.14
4112	48989	2789.73	8342.13	1354.0	97.63	1.75	.47	.04	.11
4113	48990	2790.24	8339.73	1354.0	95.11	1.72	3.07	.02	.08
4114	48991	2790.75	8337.34	1354.0	96.96	2.05	.87	.03	.09
4115	48992	2791.27	8334.94	1354.0	97.14	2.09	.47	.07	.23
4116	48993	2791.78	8332.54	1354.0	97.66	1.48	.45	.09	.32
4117	48994	2792.30	8330.14	1354.0	97.54	1.97	.35	.04	.10
4118	48995	2792.81	8327.74	1354.0	95.79	3.59	.39	.06	.17
4119	48996	2795.24	8327.92	1354.0	94.22	4.54	.53	.21	.50
4120	48997	2794.71	8330.30	1354.0	98.33	1.28	.35	.01	.03
4121	48998	2794.19	8332.69	1354.0	98.01	1.44	.37	.04	.14
4122	48999	2793.66	8335.07	1354.0	97.82	1.28	.73	.04	.13
4123	49000	2793.13	8337.45	1354.0	97.51	1.76	.60	.03	.10
4124	49001	2792.60	8339.83	1354.0	96.14	1.33	2.44	.02	.07
4125	49002	2792.08	8342.21	1354.0	98.12	1.11	.59	.04	.14
4126	49003	2791.55	8344.59	1354.0	98.00	1.37	.39	.04	.20
4127	49004	2791.02	8346.98	1354.0	98.12	1.33	.35	.04	.16
4128	49005	2793.34	8347.02	1354.0	97.63	1.71	.35	.06	.25
4129	49006	2793.89	8344.66	1354.0	98.03	1.38	.34	.05	.20
4130	49007	2794.43	8342.29	1354.0	97.83	1.63	.37	.04	.13
4131	49008	2794.97	8339.93	1354.0	97.23	1.81	.81	.04	.11
4132	49009	2795.51	8337.56	1354.0	97.70	1.77	.36	.05	.12
4133	49010	2796.05	8335.20	1354.0	97.83	1.58	.36	.05	.18
4134	49011	2796.59	8332.83	1354.0	98.16	1.28	.34	.05	.17
4135	49012	2797.14	8330.47	1354.0	98.55	.98	.34	.03	.10
4136	49013	2797.68	8328.10	1354.0	96.02	3.32	.48	.04	.14
4138	49015	2800.11	8328.29	1354.0	98.48	1.17	.31	.01	.03
4140	49017	2799.55	8330.63	1354.0	98.21	1.23	.38	.02	.16
4142	49019	2799.00	8332.98	1354.0	98.14	1.46	.34	.01	.05
4144	49021	2798.44	8335.33	1354.0	98.18	1.26	.43	.02	.11
4146	49023	2797.89	8337.68	1354.0	98.23	1.36	.32	.02	.07
4148	49025	2797.33	8340.03	1354.0	98.12	1.31	.40	.04	.13
4150	49027	2796.78	8342.37	1354.0	97.65	1.69	.53	.03	.10
4152	49029	2796.22	8344.72	1354.0	97.89	1.50	.36	.06	.19
4154	49031	2795.67	8347.07	1354.0	97.89	1.53	.33	.06	.19
4156	49033	2797.99	8347.11	1354.0	97.78	1.43	.54	.05	.20
4158	49035	2798.56	8344.78	1354.0	97.67	1.67	.48	.04	.14
4160	49037	2799.13	8342.45	1354.0	97.60	1.52	.73	.03	.12
4162	49039	2799.70	8340.12	1354.0	98.06	1.48	.36	.02	.08
4164	49041	2800.26	8337.79	1354.0	98.24	1.32	.35	.02	.07
4166	49043	2800.83	8335.46	1354.0	98.33	1.22	.36	.02	.07
4168	49045	2801.40	8333.13	1354.0	98.35	1.26	.35	.01	.03
4170	49047	2801.97	8330.80	1354.0	96.85	2.79	.31	.01	.04
4172	49049	2802.54	8328.47	1354.0	97.71	1.81	.38	.02	.08
4174	49051	2804.69	8328.67	1354.0	98.44	1.18	.33	.01	.04
4176	49053	2804.14	8330.98	1354.0	98.40	1.22	.32	.01	.05
4178	49055	2803.59	8333.29	1354.0	98.23	1.36	.35	.01	.05
4180	49057	2803.04	8335.61	1354.0	98.00	1.62	.34	.01	.03
4182	49059	2802.50	8337.92	1354.0	98.02	1.36	.43	.02	.17
4184	49061	2801.95	8340.23	1354.0	97.08	2.43	.40	.02	.07
4186	49063	2801.40	8342.54	1354.0	98.06	1.46	.38	.02	.08
4188	49065	2799.80	8344.84	1354.0	98.03	1.44	.45	.01	.07

K12=826,1354									
44214201	49353	2814.04	8326.01	1354.0	97.31	2.14	.42	.03	.10
4203	49355	2814.59	8323.76	1354.0	96.07	2.04	1.15	.21	.53
4205	49357	2815.13	8321.50	1354.0	98.55	1.11	.29	.01	.04
4207	49359	2815.68	8319.25	1354.0	98.16	1.42	.34	.02	.06
4209	49361	2816.22	8317.00	1354.0	97.96	1.32	.36	.05	.31
4211	49363	2813.84	8316.58	1354.0	98.19	1.34	.32	.03	.12
4213	49365	2813.41	8318.90	1354.0	96.88	2.71	.35	.01	.05
4215	49367	2812.98	8321.22	1354.0	97.94	1.60	.31	.03	.12
4217	49369	2812.54	8323.54	1354.0	97.55	1.79	.37	.08	.21
4219	49371	2812.11	8325.87	1354.0	95.24	3.72	.54	.13	.37
4221	49373	2811.68	8328.19	1354.0	95.96	3.52	.38	.02	.12
4223	49375	2809.29	8327.92	1354.0	98.23	1.32	.35	.02	.08
4225	49377	2809.73	8325.57	1354.0	96.68	2.72	.46	.03	.11
4227	49379	2810.16	8323.22	1354.0	98.17	1.45	.33	.01	.04
4229	49381	2810.59	8320.86	1354.0	98.28	1.34	.31	.01	.06
4231	49383	2811.02	8318.51	1354.0	97.07	2.37	.32	.05	.19
4233	49385	2811.46	8316.16	1354.0	98.16	1.44	.32	.01	.07
4235	49387	2809.08	8315.73	1354.0	98.08	1.55	.34	.01	.02
4237	49389	2808.64	8318.12	1354.0	98.26	1.36	.32	.01	.05
4239	49391	2808.21	8320.50	1354.0	98.48	1.16	.30	.01	.05
4241	49393	2807.77	8322.89	1354.0	97.51	1.85	.33	.07	.24
4243	49395	2807.34	8325.27	1354.0	88.58	9.99	.77	.17	.49
4245	49397	2806.91	8327.66	1354.0	98.20	1.36	.37	.01	.06
4247	49399	2804.52	8327.39	1354.0	98.30	1.35	.31	.01	.03
4249	49401	2804.95	8324.97	1354.0	89.09	8.70	1.52	.18	.51
4251	49403	2805.39	8322.56	1354.0	98.31	1.22	.41	.01	.05
4253	49405	2805.82	8320.14	1354.0	98.56	1.10	.30	.01	.03
4255	49407	2806.26	8317.73	1354.0	97.97	1.60	.31	.02	.10
4257	49409	2806.70	8315.31	1354.0	98.31	1.33	.30	.01	.05
4259	49411	2804.31	8314.89	1354.0	97.33	1.99	.35	.07	.26
4261	49413	2803.88	8317.34	1354.0	88.74	9.65	.39	.32	.90
4263	49415	2803.44	8319.78	1354.0	93.61	5.80	.35	.06	.18
4265	49417	2803.00	8322.23	1354.0	96.51	3.11	.32	.01	.05
4267	49419	2802.57	8324.68	1354.0	96.94	2.52	.33	.04	.17
4269	49421	2802.13	8327.12	1354.0	92.76	6.26	.56	.10	.32
4270	49422	2800.18	8324.38	1354.0	98.10	1.53	.32	.01	.04
4271	49423	2800.62	8321.90	1354.0	97.26	2.21	.31	.04	.18
4272	49424	2801.06	8319.42	1354.0	97.13	2.42	.28	.03	.14
4273	49425	2801.49	8316.95	1354.0	97.68	1.64	.31	.08	.29
4274	49426	2798.23	8321.57	1354.0	96.49	3.13	.30	.04	.04
4275	49427	2797.80	8324.08	1354.0	98.30	1.36	.30	.01	.03
4276	49428	2797.36	8326.58	1354.0	92.59	5.51	1.51	.10	.29
4277	49429	2794.97	8326.32	1354.0	97.20	2.11	.33	.09	.27
4278	49430	2795.34	8323.94	1354.0	98.46	1.20	.29	.01	.04
4279	49431	2795.72	8321.55	1354.0	97.88	1.70	.35	.02	.05
4280	49432	2793.54	8321.45	1354.0	94.72	4.17	.40	.20	.51
4281	49433	2793.37	8323.77	1354.0	97.74	1.83	.34	.02	.07
4282	49434	2793.21	8326.08	1354.0	96.83	2.42	.67	.02	.06
K12=828,1354									
4422501	49488	2835.11	8315.25	1354.0	96.42	2.84	.44	.08	.22
503	49490	2833.04	8315.25	1354.0	91.02	8.33	.30	.10	.25
505	49492	2830.97	8315.25	1354.0	96.23	2.85	.35	.15	.42
507	49494	2828.90	8315.25	1354.0	95.21	3.89	.48	.12	.30
509	49496	2826.82	8315.25	1354.0	97.60	1.48	.58	.08	.26
511	49498	2824.75	8315.25	1354.0	97.07	2.28	.42	.05	.18
513	49500	2822.68	8315.26	1354.0	97.97	1.56	.36	.02	.09
515	49502	2820.61	8315.26	1354.0	98.09	1.35	.45	.02	.09
517	49504	2820.45	8313.16	1354.0	98.06	1.49	.34	.02	.09

519	49506	2822.57	8313.16	1354.0	97.72	1.63	.31	.07	.27
521	49508	2824.70	8313.17	1354.0	98.15	1.39	.31	.03	.12
523	49510	2826.82	8313.18	1354.0	97.48	1.91	.34	.07	.20
525	49512	2828.94	8313.18	1354.0	96.41	2.46	.34	.19	.60
527	49514	2831.06	8313.19	1354.0	96.51	2.73	.33	.09	.34
529	49516	2833.18	8313.19	1354.0	96.94	2.28	.34	.10	.34
531	49518	2833.32	8311.13	1354.0	96.95	2.13	.47	.11	.34
533	49520	2831.15	8311.12	1354.0	95.88	3.24	.36	.13	.39
535	49522	2828.98	8311.11	1354.0	97.42	1.69	.33	.13	.43
537	49524	2826.81	8311.10	1354.0	97.28	1.79	.51	.11	.31
539	49526	2824.64	8311.08	1354.0	98.21	1.26	.32	.04	.17
541	49528	2822.47	8311.07	1354.0	97.96	1.55	.34	.03	.12
543	49530	2820.30	8311.06	1354.0	98.04	1.43	.30	.05	.18
545	49532	2820.14	8308.96	1354.0	97.83	1.68	.33	.03	.13
547	49534	2822.36	8308.97	1354.0	98.29	1.32	.29	.02	.08
549	49536	2824.58	8308.99	1354.0	97.96	1.49	.36	.04	.15
551	49538	2826.81	8309.01	1354.0	97.82	1.51	.43	.05	.19
553	49540	2829.03	8309.03	1354.0	97.56	1.67	.39	.08	.30
555	49542	2831.25	8309.05	1354.0	97.40	1.92	.33	.08	.27
557	49544	2833.47	8309.08	1354.0	97.93	1.49	.37	.05	.16
559	49546	2835.69	8309.09	1354.0	97.19	2.11	.37	.08	.25
561	49548	2835.88	8307.04	1354.0	96.76	2.70	.35	.05	.14
563	49550	2833.61	8307.02	1354.0	94.64	3.95	.45	.26	.70
565	49552	2831.34	8306.99	1354.0	96.57	2.68	.52	.06	.17
567	49554	2829.07	8306.96	1354.0	97.14	1.87	.56	.11	.32
569	49556	2826.80	8306.93	1354.0	97.79	1.47	.36	.08	.30
571	49558	2824.53	8306.91	1354.0	98.13	1.29	.39	.05	.14
573	49560	2822.26	8306.88	1354.0	98.27	1.28	.32	.03	.10
575	49562	2819.99	8306.85	1354.0	98.09	1.44	.32	.03	.12
577	49564	2819.83	8304.75	1354.0	98.15	1.28	.35	.05	.17
579	49566	2822.15	8304.79	1354.0	98.26	1.21	.34	.04	.15
581	49568	2826.79	8304.85	1354.0	97.46	1.72	.39	.12	.31
583	49570	2829.11	8304.89	1354.0	96.73	2.58	.34	.09	.26
585	49572	2831.43	8304.92	1354.0	94.50	4.79	.37	.09	.25
587	49574	2833.75	8304.96	1354.0	94.99	4.48	.36	.05	.12
589	49576	2836.07	8304.99	1354.0	96.73	2.75	.36	.04	.12
591	49578	2836.27	8302.94	1354.0	96.40	2.91	.43	.07	.19
593	49580	2833.90	8302.90	1354.0	96.74	2.66	.38	.06	.16
595	49582	2831.53	8302.86	1354.0	95.48	3.75	.52	.08	.17
597	49584	2829.16	8302.82	1354.0	94.34	4.75	.63	.09	.19
599	49586	2826.79	8302.78	1354.0	98.00	1.49	.32	.05	.14
601	49588	2824.42	8302.73	1354.0	98.23	1.23	.38	.04	.12
603	49590	2819.68	8302.65	1354.0	97.21	2.23	.40	.03	.13
K12=829,1354									
44234301	49592	2838.68	8332.50	1354.0	95.13	3.90	.40	.17	.40
4303	49594	2837.99	8330.63	1354.0	94.11	5.08	.42	.10	.29
4305	49596	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	49598	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	49600	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	49602	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	49604	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	49606	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	49608	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	49610	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	49612	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	49614	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	49616	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	49618	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	49620	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21

4331	49622	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	49624	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	49626	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	49628	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	49630	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	49632	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	49634	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	49636	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	49638	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	49641	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	49643	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	49645	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	49647	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	49649	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	49651	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	49653	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	49655	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
K12=830,1354									
44254305	49687	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	49689	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	49691	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	49693	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	49695	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	49697	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	49699	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	49701	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	49703	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	49705	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	49707	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	49709	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	49711	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	49713	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	49715	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	49717	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	49719	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	49721	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	49723	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	49725	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	49727	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	49729	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	49732	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	49734	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	49736	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	49738	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	49740	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	49742	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	49744	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	49746	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
K12=832,1354									
44244309	49873	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	49875	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	49877	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	49879	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	49881	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	49883	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	49885	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	49887	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	49889	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	49891	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31

4329	49893	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	49895	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	49897	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	49899	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	49901	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	49903	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	49905	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	49907	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	49909	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	49911	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	49914	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	49916	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	49918	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	49920	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	49922	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	49924	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	49926	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	49928	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
K12=833,1354									
44264305	49960	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	49962	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	49964	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	49966	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	49968	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	49970	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	49972	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	49974	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	49976	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	49978	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	49980	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	49982	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	49984	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	49986	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	49988	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	49990	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	49992	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	49994	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	49996	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	49998	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	50000	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	50002	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	50005	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	50007	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	50009	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	50011	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	50013	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	50015	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	50017	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	50019	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
K12=835,1354									
44284305	50142	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	50144	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	50146	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	50148	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	50150	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	50152	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	50154	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	50156	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	50158	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38

4323	50160	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	50162	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	50164	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	50166	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	50168	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	50170	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	50172	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	50174	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	50176	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	50178	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	50180	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	50182	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	50184	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
K12=836,1354									
44274355	50187	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	50189	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	50191	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	50193	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	50195	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	50197	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	50199	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	50201	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
4305	50233	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	50235	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	50237	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	50239	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	50241	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	50243	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	50245	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	50247	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	50249	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	50251	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	50253	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	50255	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	50257	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	50259	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	50261	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	50263	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	50265	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	50267	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	50269	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	50271	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	50273	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	50275	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	50278	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
K12=838,1354									
44294361	50375	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	50377	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	50379	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	50381	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	50383	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
4305	50415	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	50417	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	50419	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	50421	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	50423	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	50425	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	50427	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	50429	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30

4315	50607	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	50609	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	50611	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	50613	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	50615	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	50617	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	50619	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	50621	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	50623	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	50625	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	50627	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	50629	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	50631	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	50633	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	50635	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	50637	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
K12=842,1354									
44324305	50779	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	50781	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	50783	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	50785	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	50787	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	50789	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	50791	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	50793	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	50795	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	50797	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	50799	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31
4327	50801	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	50803	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	50805	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	50807	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	50809	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	50811	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	50813	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	50815	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	50817	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	50819	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	50821	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	50824	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	50826	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	50828	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	50830	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	50832	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	50834	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	50836	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	50838	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
K12=843,1354									
44334305	50870	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	50872	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	50874	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	50876	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	50878	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
4315	50880	2840.50	8328.59	1354.0	95.68	3.36	.53	.12	.31
4317	50882	2840.38	8331.00	1354.0	95.77	2.94	.84	.13	.32
4319	50884	2840.26	8333.42	1354.0	94.59	3.23	1.76	.12	.30
4321	50886	2842.66	8333.55	1354.0	93.68	3.69	2.08	.17	.38
4323	50888	2842.77	8331.14	1354.0	96.19	2.99	.43	.09	.30
4325	50890	2842.88	8328.74	1354.0	95.73	3.49	.37	.10	.31

4327	50892	2843.00	8326.33	1354.0	95.90	3.34	.36	.09	.31
4329	50894	2843.11	8323.92	1354.0	95.17	4.22	.34	.06	.21
4331	50896	2845.49	8324.08	1354.0	96.76	2.60	.33	.07	.24
4333	50898	2845.38	8326.48	1354.0	96.55	2.84	.36	.06	.19
4335	50900	2845.27	8328.88	1354.0	96.34	2.90	.37	.10	.29
4337	50902	2845.16	8331.28	1354.0	95.73	3.47	.44	.10	.26
4339	50904	2845.06	8333.68	1354.0	94.49	2.99	2.12	.10	.30
4341	50906	2847.45	8333.81	1354.0	95.64	3.18	.39	.18	.61
4343	50908	2847.56	8331.42	1354.0	95.13	3.89	.36	.11	.51
4347	50910	2847.76	8326.64	1354.0	96.27	2.94	.33	.09	.37
4349	50912	2847.86	8324.25	1354.0	96.60	2.70	.32	.08	.30
4355	50915	2850.04	8329.18	1354.0	93.98	5.15	.36	.10	.41
4357	50917	2849.95	8331.56	1354.0	95.10	3.61	.84	.12	.33
4359	50919	2849.85	8333.94	1354.0	95.49	2.95	.48	.22	.86
4361	50921	2852.25	8334.07	1354.0	95.62	3.36	.35	.14	.53
4363	50923	2852.34	8331.70	1354.0	94.51	3.01	2.07	.10	.31
4365	50925	2852.43	8329.32	1354.0	95.94	2.99	.35	.14	.58
4367	50927	2852.52	8326.95	1354.0	96.09	2.85	.36	.15	.55
4369	50929	2852.61	8324.58	1354.0	96.83	2.15	.42	.14	.46
4305	50961	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	50963	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
K12=846,1354									
44344305	51143	2838.11	8328.28	1354.0	95.91	3.20	.43	.13	.33
4307	51145	2838.24	8325.94	1354.0	95.58	3.36	.63	.12	.31
4309	51147	2838.36	8323.59	1354.0	96.02	3.29	.30	.10	.29
4311	51149	2840.74	8323.75	1354.0	95.54	3.78	.32	.09	.27
4313	51151	2840.62	8326.17	1354.0	95.91	3.41	.35	.09	.24
#SHOTS LISTED= 34 #BH LISTED= 1407									

BHS#	UNIT	EAST	NORTH	ELEV	MGO	CAO	FE2O3	AL2O3	SIO2
K12=	737,1450								
28134200	42869	3004.36	8406.84	1450	87.70	6.76	1.10	1.34	3.10
4201	42870	3008.55	8405.90	1450	94.54	3.09	0.76	0.41	1.20
4202	42871	3009.27	8400.94	1450	94.80	3.29	0.66	0.34	0.91
4203	42872	3009.48	8399.13	1450	86.23	7.47	1.23	1.63	3.44
4204	42873	3009.81	8396.85	1450	89.39	5.92	0.96	1.11	2.62
4205	42874	3008.16	8396.61	1450	87.72	6.01	1.21	1.44	3.62
4206	42875	3006.50	8396.25	1450	83.57	9.52	1.47	1.69	3.75
4207	42876	3004.81	8394.24	1450	79.79	10.68	1.98	2.37	5.18
4208	42877	3006.56	8394.53	1450	87.35	6.75	1.21	1.46	3.23
4209	42878	3008.31	8394.83	1450	88.96	6.04	1.02	1.17	2.81
4210	42879	3010.06	8395.12	1450	92.04	4.85	0.75	0.71	1.65
4211	42880	3011.68	8395.43	1450	90.21	4.90	0.91	1.07	2.91
K12=740,1450									
28144308	43045	3010.59	8391.44	1450	86.34	5.43	1.02	1.11	6.10
4309	43046	3014.76	8392.96	1450	91.23	2.02	0.70	0.60	5.45
4310	43047	3015.33	8390.58	1450	88.29	6.38	0.86	0.70	3.77
4311	43048	3013.17	8389.99	1450	82.12	8.09	1.11	1.57	7.11
4312	43049	3011.01	8389.40	1450	80.01	9.82	1.27	1.80	7.10
4313	43050	3008.85	8388.80	1450	78.88	12.10	2.27	1.17	5.58
4314	43051	3006.68	8388.21	1450	93.20	2.32	0.97	0.36	3.15
4315	43052	3007.17	8385.79	1450	81.90	8.05	1.32	1.62	7.11
4316	43053	3009.36	8386.40	1450	88.13	5.19	0.96	0.72	5.00
4317	43054	3011.54	8387.00	1450	88.29	4.41	0.87	0.82	5.61
4318	43055	3013.73	8387.60	1450	92.27	3.09	0.89	0.43	3.32
4319	43056	3012.07	8384.60	1450	89.06	6.47	0.98	0.42	3.07
4320	43057	3009.86	8383.99	1450	87.75	5.15	1.04	0.82	5.24
4321	43058	3010.38	8381.58	1450	83.19	7.49	1.19	1.20	6.93
4322	43059	3012.60	8382.20	1450	93.10	2.57	0.77	0.37	3.19
4323	43060	3014.83	8382.82	1450	93.00	3.18	0.79	0.38	2.65
4324	43061	3017.64	8381.06	1450	91.60	2.68	0.68	0.51	4.53
4325	43062	3015.39	8380.43	1450	93.02	1.87	0.81	0.43	3.87
4326	43063	3013.14	8379.81	1450	89.87	4.43	1.00	0.72	3.98
4327	43064	3010.89	8379.18	1450	84.44	8.66	1.25	0.99	4.66
4328	43065	3006.85	8375.51	1450	91.31	4.39	0.69	0.42	3.19
4329	43066	3009.16	8376.17	1450	90.24	3.88	0.79	0.46	4.63
4330	43067	3011.47	8376.82	1450	93.69	2.22	0.78	0.31	3.00
4331	43068	3013.78	8377.48	1450	93.28	2.55	0.87	0.43	2.87
4332	43069	3016.09	8378.14	1450	90.09	3.95	1.65	0.80	3.51
4333	43070	3018.79	8376.30	1450	94.91	3.10	0.78	0.32	0.89
4334	43071	3016.50	8375.66	1450	91.35	4.08	0.96	0.86	2.75
4335	43072	3014.20	8375.01	1450	94.48	2.67	0.88	0.39	1.58
4336	43073	3011.91	8374.37	1450	92.87	3.15	1.79	0.48	1.71
4337	43074	3009.61	8373.73	1450	91.65	3.83	0.88	0.67	2.97
4338	43075	3007.31	8373.08	1450	89.18	6.04	0.88	0.81	3.09
4339	43076	3005.46	8370.01	1450	88.09	8.01	0.88	0.78	2.24
4340	43077	3007.78	8370.66	1450	93.84	2.93	0.80	0.57	1.86
4341	43078	3010.10	8371.31	1450	78.90	11.45	1.57	1.98	6.10
4342	43079	3012.42	8371.96	1450	86.63	5.80	1.35	1.76	4.46
4343	43080	3014.73	8372.62	1450	95.40	1.99	0.74	0.33	1.54
4344	43081	3017.05	8373.27	1450	94.46	2.47	0.85	0.42	1.80
4345	43082	3019.37	8373.92	1450	95.40	2.91	0.93	0.17	0.59
K12=753,1450									
28154453	43739	3014.17	8346.51	1450	95.11	2.50	0.52	0.44	1.43
4455	43741	3017.01	8344.69	1450	97.01	1.67	0.48	0.17	0.67
4457	43743	3016.56	8347.09	1450	95.58	2.38	0.66	0.29	1.09
4459	43745	3016.10	8349.49	1450	95.82	2.48	0.39	0.28	1.03
4461	43747	3015.65	8351.89	1450	95.97	2.54	0.44	0.24	0.81

4463	43748	3015.20	8354.29	1450	95.34	2.64	0.50	0.33	1.19
4465	43750	3014.75	8356.70	1450	93.76	3.31	0.59	0.58	1.76
4471	43752	3013.39	8363.90	1450	95.67	2.03	0.49	0.19	1.62
4473	43754	3012.94	8366.30	1450	96.09	1.86	0.51	0.18	1.36
4485	43756	3016.99	8357.07	1450	96.20	2.23	0.58	0.20	0.79
4487	43758	3017.47	8354.67	1450	96.31	2.18	0.43	0.24	0.84
4489	43760	3017.95	8352.26	1450	95.31	2.05	0.77	0.41	1.46
4491	43762	3018.43	8349.86	1450	94.94	2.19	0.60	0.45	1.82
4493	43764	3018.90	8347.45	1450	95.28	2.07	0.41	0.46	1.78
4495	43766	3019.38	8345.05	1450	95.11	2.11	0.47	0.55	1.76
4497	43768	3018.05	8364.78	1450	91.66	4.48	0.74	0.84	2.28
4499	43770	3017.63	8368.74	1450	94.29	2.83	0.72	0.44	1.72
4501	43772	3019.74	8370.07	1450	93.45	4.72	0.83	0.23	0.77
4503	43774	3020.14	8367.67	1450	95.02	2.19	1.07	0.37	1.35
4505	43776	3020.54	8365.27	1450	96.67	1.95	0.63	0.16	0.59
K12=754,1450									
28164507	43778	3021.81	8341.36	1450	97.59	1.60	0.48	0.09	0.24
4509	43780	3020.42	8338.56	1450	93.43	3.56	0.49	0.60	1.92
4511	43782	3023.36	8336.76	1450	94.21	3.48	0.54	0.40	1.37
4513	43784	3021.18	8336.27	1450	94.90	2.37	0.58	0.48	1.67
4515	43786	3019.00	8335.78	1450	94.93	1.91	0.52	0.56	2.08
4517	43788	3019.74	8333.50	1450	95.24	2.09	0.57	0.44	1.66
4519	43790	3021.94	8333.98	1450	94.12	2.25	0.59	0.60	2.44
4521	43792	3024.14	8334.46	1450	96.25	2.01	0.55	0.27	0.92
4523	43794	3024.92	8332.17	1450	94.27	3.30	0.46	0.42	1.55
4525	43796	3022.70	8331.69	1450	97.47	1.55	0.39	0.13	0.46
4527	43798	3023.46	8329.40	1450	97.92	1.38	0.40	0.06	0.24
4529	43800	3025.70	8329.87	1450	96.85	2.07	0.48	0.13	0.47
4531	43802	3026.47	8327.57	1450	81.98	11.39	1.28	1.31	4.04
4533	43804	3024.22	8327.11	1450	97.44	1.62	0.40	0.12	0.42
4535	43806	3021.96	8326.66	1450	97.22	1.66	0.48	0.14	0.50
4537	43808	3024.98	8324.82	1450	96.67	2.04	0.43	0.20	0.66
4539	43810	3027.25	8325.27	1450	96.48	2.50	0.39	0.14	0.49
4541	43812	3028.03	8322.97	1450	97.19	1.88	0.45	0.10	0.38
4543	43814	3025.73	8322.53	1450	96.76	2.05	0.42	0.18	0.59
4545	43816	3026.49	8320.25	1450	96.95	1.96	0.44	0.17	0.48
4547	43818	3028.80	8320.67	1450	92.85	5.93	0.54	0.16	0.52
4549	43820	3030.36	8316.07	1450	95.85	2.96	0.61	0.14	0.44
4551	43822	3028.01	8315.67	1450	87.90	8.15	1.32	0.73	1.90
K12=755,1450									
28174553	43824	3036.15	8382.20	1450	96.39	2.16	0.81	0.18	0.46
4555	43826	3033.77	8381.99	1450	86.23	11.96	0.78	0.23	0.80
4557	43828	3031.38	8381.78	1450	96.51	2.34	0.72	0.11	0.32
4559	43830	3029.00	8381.57	1450	95.90	1.85	1.96	0.07	0.22
4561	43832	3026.61	8381.36	1450	96.86	1.84	0.73	0.14	0.43
4563	43834	3024.23	8381.16	1450	94.96	3.28	1.35	0.09	0.32
4565	43836	3021.84	8380.95	1450	96.20	2.67	0.66	0.11	0.36
4567	43838	3021.46	8383.13	1450	95.71	3.04	0.79	0.10	0.36
4569	43840	3023.83	8383.36	1450	94.92	2.64	1.06	0.34	1.04
4571	43842	3026.21	8383.59	1450	96.96	1.80	0.63	0.14	0.47
4573	43844	3028.58	8383.83	1450	96.57	1.72	1.42	0.07	0.22
4575	43846	3030.96	8384.06	1450	96.22	2.24	1.04	0.14	0.36
4577	43848	3033.33	8384.29	1450	94.57	3.79	0.93	0.22	0.49
4579	43850	3035.71	8384.52	1450	96.83	2.00	0.77	0.11	0.29
4581	43852	3038.08	8384.76	1450	96.30	2.22	0.79	0.18	0.51
4583	43854	3039.95	8387.46	1450	96.46	2.01	0.82	0.19	0.52
4585	43856	3037.59	8387.22	1450	96.62	2.03	0.83	0.12	0.40
4587	43858	3035.24	8386.99	1450	82.94	13.23	1.09	0.65	2.09
4589	43860	3032.88	8386.75	1450	94.58	4.18	0.85	0.12	0.27

4591	43862	3030.53	8386.52	1450	87.19	11.74	0.69	0.10	0.28
4593	43864	3028.17	8386.28	1450	93.89	3.94	1.81	0.08	0.28
4595	43866	3025.82	8386.05	1450	94.58	2.89	1.91	0.16	0.46
4597	43868	3023.46	8385.81	1450	96.49	2.01	0.91	0.13	0.46
4599	43870	3021.11	8385.58	1450	94.98	3.89	0.62	0.12	0.39
4603	43872	3023.12	8388.25	1450	95.24	3.10	0.90	0.19	0.57
4605	43874	3025.49	8388.46	1450	95.57	2.86	0.96	0.13	0.48
4607	43876	3027.86	8388.68	1450	95.89	1.96	1.27	0.14	0.74
4609	43878	3030.23	8388.89	1450	95.73	2.58	1.23	0.12	0.34
4611	43880	3032.60	8389.11	1450	96.26	2.61	0.83	0.10	0.20
4613	43882	3034.97	8389.33	1450	96.55	1.99	0.79	0.17	0.50
4617	43884	3039.71	8389.76	1450	95.79	2.95	0.78	0.11	0.37
4619	43886	3039.46	8392.05	1450	97.42	1.78	0.60	0.04	0.16
4623	43888	3034.70	8391.66	1450	97.19	1.62	0.73	0.14	0.32
4625	43890	3032.31	8391.46	1450	95.88	1.75	1.52	0.24	0.61
4627	43892	3029.93	8391.27	1450	97.36	1.48	0.65	0.13	0.38
4629	43894	3027.55	8391.07	1450	97.10	1.72	0.86	0.08	0.24
4631	43896	3025.17	8390.88	1450	96.06	2.86	0.61	0.12	0.35
4633	43898	3022.78	8390.68	1450	95.43	2.78	0.91	0.21	0.67
4635	43900	3020.40	8390.48	1450	95.08	3.36	0.92	0.15	0.49
4637	43902	3022.53	8393.32	1450	95.84	2.51	0.77	0.20	0.68
4639	43904	3024.91	8393.47	1450	97.42	1.64	0.59	0.08	0.27
4641	43906	3027.30	8393.62	1450	97.29	1.75	0.65	0.08	0.23
4643	43908	3029.68	8393.76	1450	97.01	1.65	0.99	0.11	0.24
4645	43910	3032.07	8393.91	1450	96.99	1.78	0.82	0.11	0.30
4647	43912	3034.45	8394.06	1450	96.83	1.89	0.72	0.13	0.43
4649	43914	3036.84	8394.21	1450	96.73	1.94	1.03	0.07	0.23
4651	43916	3039.22	8394.35	1450	91.19	7.13	0.77	0.22	0.69
K12=775,1450									
28188258	45144	3025.27	8378.54	1450	95.79	2.09	1.18	0.16	0.78
8260	45146	3027.68	8378.77	1450	91.73	6.76	0.68	0.19	0.64
8262	45148	3030.08	8379.00	1450	95.05	3.77	0.88	0.07	0.23
8264	45150	3032.49	8379.23	1450	96.01	2.36	0.97	0.16	0.50
8266	45152	3032.74	8376.75	1450	91.77	6.48	1.00	0.19	0.56
8268	45154	3030.43	8376.59	1450	96.50	2.07	0.76	0.18	0.49
8270	45156	3028.12	8376.44	1450	96.20	2.43	0.70	0.18	0.49
8274	45159	3023.50	8376.13	1450	96.64	2.17	0.86	0.07	0.26
8276	45161	3023.68	8373.74	1450	96.50	2.27	0.75	0.10	0.38
8278	45163	3026.01	8373.87	1450	94.65	3.56	1.01	0.17	0.61
8280	45165	3028.34	8374.00	1450	96.34	1.84	0.78	0.20	0.84
8282	45167	3030.67	8374.13	1450	96.20	2.69	0.62	0.14	0.35
8284	45169	3032.99	8374.27	1450	88.07	9.31	0.86	0.42	1.34
8286	45171	3033.24	8371.79	1450	94.28	4.01	0.77	0.28	0.66
8288	45173	3030.90	8371.67	1450	97.01	1.89	0.56	0.13	0.41
8290	45175	3028.56	8371.56	1450	96.49	1.57	1.23	0.15	0.56
8292	45177	3026.21	8371.45	1450	96.42	1.82	0.79	0.22	0.75
8294	45179	3023.87	8371.34	1450	96.39	2.23	0.64	0.17	0.57
8296	45181	3024.05	8368.95	1450	96.95	1.87	0.71	0.09	0.38
8298	45183	3026.41	8369.04	1450	96.69	1.72	0.73	0.18	0.68
8300	45185	3028.77	8369.13	1450	95.29	1.93	1.69	0.22	0.87
8302	45187	3031.14	8369.22	1450	95.03	0.87	2.08	0.16	1.86
8304	45189	3033.50	8369.30	1450	96.63	2.16	0.70	0.14	0.37
8306	45191	3033.75	8366.82	1450	97.00	1.76	0.73	0.15	0.36
8308	45193	3031.37	8366.76	1450	95.44	1.94	2.10	0.14	0.38
8310	45195	3028.99	8366.69	1450	96.44	1.94	1.03	0.13	0.46
8312	45197	3026.61	8366.62	1450	96.37	1.80	1.01	0.18	0.64
8314	45199	3024.24	8366.56	1450	96.92	1.77	0.73	0.12	0.46
8316	45201	3022.65	8364.15	1450	95.52	2.11	0.72	0.21	1.44
8318	45203	3024.42	8364.16	1450	96.08	2.04	0.66	0.28	0.94

8320	45205	3026.81	8364.21	1450	96.02	1.50	1.26	0.28	0.94
8322	45207	3029.21	8364.25	1450	96.50	1.85	0.64	0.22	0.79
8324	45209	3031.60	8364.30	1450	94.21	2.93	2.02	0.18	0.66
8326	45211	3031.84	8361.83	1450	81.79	8.99	2.02	2.25	4.95
8328	45213	3029.43	8361.81	1450	95.10	3.37	0.63	0.20	0.70
8330	45215	3027.01	8361.79	1450	95.28	1.89	1.06	0.35	1.42
8332	45217	3024.60	8361.77	1450	96.22	1.76	0.64	0.26	1.12
8334	45219	3022.81	8361.75	1450	96.67	2.39	0.66	0.06	0.22
8336	45221	3022.96	8359.35	1450	96.55	1.67	0.58	0.26	0.94
8338	45223	3024.79	8359.38	1450	96.47	1.62	1.07	0.19	0.65
8340	45225	3027.22	8359.38	1450	96.96	2.08	0.68	0.06	0.22
8342	45227	3029.64	8359.38	1450	96.98	2.21	0.55	0.06	0.20
8344	45229	3032.07	8359.38	1450	96.83	2.21	0.58	0.08	0.30
8346	45231	3034.50	8359.38	1450	95.06	3.33	1.23	0.09	0.29
8348	45233	3034.75	8356.90	1450	96.84	1.66	0.63	0.19	0.68
8350	45235	3032.30	8356.92	1450	96.48	1.70	0.56	0.20	1.06
8352	45237	3029.86	8356.94	1450	96.95	2.39	0.51	0.04	0.11
8354	45239	3027.42	8356.96	1450	96.56	1.72	0.64	0.24	0.84
8356	45241	3024.97	8356.98	1450	96.71	1.66	0.98	0.17	0.48
8358	45243	3034.00	8364.34	1450	96.04	2.50	0.88	0.13	0.45
8360	45245	3034.25	8361.86	1450	96.77	1.65	0.80	0.16	0.62
K12=782,1450									
28205116	45640	3049.61	8432.98	1450	91.87	6.36	0.92	0.17	0.68
5118	45642	3047.36	8432.91	1450	95.57	2.86	0.80	0.16	0.61
5120	45644	3045.11	8432.83	1450	94.14	3.18	0.78	0.40	1.50
5122	45646	3042.86	8432.75	1450	93.51	4.07	1.09	0.25	1.08
5124	45648	3040.61	8432.68	1450	96.02	2.19	1.13	0.14	0.52
5126	45650	3040.72	8430.36	1450	94.12	4.30	0.94	0.13	0.51
5128	45652	3043.04	8430.44	1450	95.58	2.86	0.78	0.17	0.61
5130	45654	3045.36	8430.52	1450	95.20	2.71	1.14	0.19	0.76
5132	45656	3047.68	8430.60	1450	94.60	3.13	1.21	0.21	0.85
5134	45658	3050.00	8430.67	1450	95.93	2.14	1.38	0.11	0.44
5136	45660	3050.39	8428.37	1450	93.34	5.17	0.81	0.17	0.51
5138	45662	3048.00	8428.29	1450	94.59	3.09	1.11	0.29	0.92
5140	45664	3045.61	8428.20	1450	94.33	3.18	1.55	0.18	0.76
5142	45666	3043.22	8428.12	1450	95.30	2.91	1.19	0.12	0.48
5144	45668	3040.83	8428.04	1450	95.26	2.35	1.40	0.19	0.80
5146	45670	3040.94	8425.72	1450	96.54	2.02	0.93	0.10	0.41
5148	45672	3043.40	8425.80	1450	94.80	3.10	1.24	0.18	0.68
5150	45674	3045.86	8425.89	1450	94.48	2.78	1.75	0.22	0.77
5156	45679	3052.86	8425.73	1450	96.45	2.25	0.68	0.14	0.48
5158	45681	3055.34	8424.14	1450	96.48	2.27	0.79	0.09	0.37
5160	45683	3053.06	8424.04	1450	95.95	2.63	0.82	0.12	0.48
5162	45685	3050.66	8423.91	1450	96.71	2.05	0.92	0.07	0.25
5164	45687	3048.26	8423.78	1450	95.98	2.36	1.02	0.12	0.52
5166	45689	3045.85	8423.65	1450	95.89	2.64	1.23	0.05	0.19
5168	45691	3043.45	8423.52	1450	92.11	6.19	1.04	0.11	0.55
5170	45693	3041.05	8423.40	1450	96.24	2.39	0.78	0.13	0.46
5172	45695	3041.16	8421.07	1450	96.01	2.37	1.07	0.12	0.43
5174	45697	3043.59	8421.19	1450	95.62	2.56	1.10	0.14	0.58
5176	45699	3046.01	8421.31	1450	95.32	2.83	1.24	0.13	0.48
5178	45701	3048.44	8421.43	1450	95.23	2.70	1.38	0.15	0.54
5180	45703	3050.86	8421.55	1450	95.96	2.75	0.87	0.09	0.33
5182	45705	3053.29	8421.66	1450	95.78	2.48	1.23	0.11	0.40
5184	45707	3055.65	8421.77	1450	96.25	2.35	0.78	0.13	0.49
5186	45709	3055.96	8419.39	1450	96.75	1.94	0.92	0.09	0.30
5188	45711	3053.51	8419.28	1450	96.57	1.84	1.22	0.09	0.28
5190	45713	3051.06	8419.18	1450	95.32	2.97	1.18	0.12	0.41
5192	45715	3048.61	8419.07	1450	96.38	1.77	1.18	0.21	0.46

5194	45717	3046.17	8418.96	1450	86.96	10.66	1.24	0.30	0.84
5196	45719	3043.72	8418.86	1450	95.62	2.51	1.10	0.19	0.58
5198	45721	3041.27	8418.75	1450	95.67	2.50	1.22	0.14	0.47
K12=786,1450									
28215201	45928	3026.75	8332.58	1450	90.91	4.36	0.58	0.87	3.28
5203	45930	3026.25	8334.89	1450	95.92	2.45	0.57	0.23	0.83
5205	45932	3025.75	8337.21	1450	95.48	3.13	0.52	0.19	0.68
5207	45934	3025.25	8339.52	1450	95.73	1.97	0.61	0.35	1.34
5209	45936	3024.75	8341.83	1450	95.97	2.44	0.57	0.21	0.81
5211	45938	3024.25	8344.15	1450	95.86	1.69	0.70	0.30	1.45
5213	45940	3023.75	8346.46	1450	94.72	1.74	0.88	0.54	2.12
5215	45942	3023.25	8348.77	1450	95.45	1.63	0.96	0.38	1.58
5217	45944	3022.75	8351.09	1450	95.24	1.87	0.96	0.39	1.54
5219	45946	3022.25	8353.40	1450	95.30	1.81	0.86	0.42	1.61
5221	45948	3024.70	8353.73	1450	95.14	2.04	1.68	0.18	0.96
5223	45950	3025.17	8351.44	1450	95.56	2.06	0.57	0.34	1.47
5225	45952	3025.64	8349.16	1450	95.14	1.96	0.73	0.39	1.78
5227	45954	3026.11	8346.87	1450	95.92	2.21	0.60	0.24	1.03
5229	45956	3026.58	8344.59	1450	96.31	2.70	0.51	0.09	0.39
5231	45958	3027.05	8342.30	1450	96.66	2.44	0.50	0.09	0.31
5233	45960	3027.52	8340.02	1450	95.66	2.37	1.31	0.14	0.52
5235	45962	3027.99	8337.74	1450	95.71	2.77	0.54	0.21	0.77
5237	45964	3028.46	8335.45	1450	91.06	7.25	0.80	0.17	0.72
5239	45966	3028.93	8333.17	1450	79.73	10.62	2.01	1.86	5.78
5241	45968	3029.40	8330.88	1450	95.04	3.98	0.53	0.08	0.37
5243	45970	3029.61	8329.82	1450	96.58	2.37	0.64	0.08	0.33
5245	45972	3031.96	8330.07	1450	96.73	1.92	0.95	0.09	0.31
5247	45974	3031.70	8331.41	1450	97.36	1.49	0.71	0.11	0.33
5249	45976	3031.24	8333.67	1450	97.13	1.51	0.90	0.11	0.35
5251	45978	3030.79	8335.94	1450	94.64	3.85	0.85	0.18	0.48
5253	45980	3030.33	8338.20	1450	96.30	2.40	0.80	0.11	0.39
5255	45982	3029.88	8340.47	1450	96.27	2.44	0.83	0.09	0.37
5259	45984	3028.97	8345.00	1450	90.72	5.28	2.40	0.23	1.37
5261	45986	3028.51	8347.26	1450	96.29	2.05	0.66	0.22	0.78
5263	45988	3028.05	8349.53	1450	96.33	1.81	0.68	0.22	0.96
5265	45990	3027.60	8351.79	1450	96.59	1.91	0.57	0.22	0.71
5267	45992	3027.15	8354.05	1450	96.77	1.77	0.60	0.19	0.67
5269	45994	3029.59	8354.38	1450	96.75	2.18	0.67	0.08	0.32
5271	45996	3030.03	8352.13	1450	81.87	12.17	2.40	0.55	3.01
5273	45998	3030.47	8349.89	1450	94.82	4.14	0.63	0.08	0.33
5275	46000	3030.91	8347.65	1450	96.99	1.92	0.63	0.09	0.37
5277	46002	3031.35	8345.40	1450	96.49	2.10	0.74	0.16	0.51
5279	46004	3031.79	8343.16	1450	96.14	2.00	0.65	0.31	0.90
5281	46006	3032.23	8340.91	1450	94.75	3.54	1.04	0.13	0.54
5283	46008	3032.67	8338.67	1450	96.81	1.71	1.02	0.09	0.37
5285	46010	3033.11	8336.42	1450	93.03	5.15	1.14	0.16	0.52
5287	46012	3033.55	8334.18	1450	96.72	1.61	0.82	0.17	0.68
5289	46014	3033.99	8331.94	1450	95.43	2.61	0.77	0.25	0.94
5291	46016	3036.65	8330.56	1450	96.95	1.89	0.81	0.06	0.29
5293	46018	3036.29	8332.47	1450	96.88	1.81	0.95	0.06	0.30
5295	46020	3035.86	8334.69	1450	96.32	2.30	0.95	0.07	0.36
5297	46022	3035.44	8336.92	1450	96.33	2.36	0.89	0.07	0.35
5299	46024	3035.01	8339.14	1450	96.83	1.95	0.79	0.10	0.33
5301	46026	3034.59	8341.36	1450	97.18	1.48	0.77	0.14	0.43
5303	46028	3034.17	8343.59	1450	96.39	1.69	1.02	0.23	0.67
5305	46030	3033.74	8345.81	1450	96.70	1.70	0.99	0.16	0.45
5307	46032	3033.32	8348.03	1450	96.95	1.89	0.78	0.08	0.30
5309	46034	3032.89	8350.26	1450	97.17	1.71	0.69	0.11	0.32
5311	46036	3032.47	8352.48	1450	97.50	1.55	0.76	0.04	0.15

5313	46038	3032.04	8354.70	1450	95.77	2.85	1.01	0.08	0.29
5315	46040	3034.49	8355.03	1450	95.54	2.99	0.81	0.14	0.52
5317	46042	3034.90	8352.83	1450	96.75	1.73	0.88	0.15	0.49
5319	46044	3035.31	8350.62	1450	97.04	1.68	0.84	0.11	0.33
5321	46046	3035.72	8348.42	1450	97.12	1.60	0.78	0.12	0.38
5323	46048	3036.13	8346.22	1450	96.96	1.64	0.97	0.10	0.33
5325	46050	3036.54	8344.01	1450	96.43	2.30	0.70	0.13	0.44
5327	46052	3036.95	8341.81	1450	94.46	4.10	0.83	0.13	0.48
5329	46054	3037.35	8339.61	1450	96.46	2.14	0.95	0.10	0.35
5331	46056	3037.76	8337.41	1450	97.24	1.82	0.69	0.04	0.21
5333	46058	3038.17	8335.20	1450	97.21	1.90	0.65	0.05	0.19
5335	46060	3038.58	8333.00	1450	97.29	1.55	0.95	0.04	0.17
5337	46062	3038.99	8330.80	1450	96.71	2.21	0.64	0.10	0.34
K12=788,1450									
28225338	46145	3027.33	8189.00	1450	95.45	3.28	0.82	0.08	0.37
5339	46146	3019.56	8191.15	1450	96.15	2.42	0.63	0.19	0.61
5340	46147	3019.40	8193.49	1450	97.09	2.03	0.54	0.08	0.26
5341	46148	3022.09	8193.54	1450	97.23	1.73	0.54	0.16	0.34
5342	46149	3026.84	8193.77	1450	96.67	2.18	0.70	0.12	0.33
5343	46150	3024.30	8196.01	1450	94.67	4.00	0.58	0.22	0.53
5344	46151	3024.14	8198.37	1450	96.37	2.42	0.55	0.16	0.50
5345	46152	3026.36	8198.55	1450	93.66	5.25	0.60	0.14	0.35
5346	46153	3025.54	8205.68	1450	95.10	3.34	1.00	0.16	0.40
5347	46154	3025.20	8208.03	1450	92.67	6.28	0.75	0.08	0.22
K12=791,1450									
28235349	46322	3041.46	8385.12	1450	97.25	1.70	0.60	0.14	0.31
5351	46324	3039.33	8382.63	1450	97.15	1.77	0.71	0.09	0.28
5353	46326	3041.70	8382.74	1450	97.32	1.70	0.62	0.09	0.27
5355	46328	3039.34	8381.31	1450	96.80	2.09	0.79	0.08	0.24
5357	46330	3036.98	8379.87	1450	97.08	1.62	0.86	0.12	0.32
5359	46332	3034.91	8377.36	1450	94.41	4.38	0.90	0.10	0.21
5361	46334	3037.25	8378.36	1450	96.63	2.07	0.77	0.17	0.36
5363	46336	3039.59	8379.36	1450	97.34	1.57	0.80	0.09	0.20
5365	46338	3041.93	8380.37	1450	97.50	1.68	0.55	0.08	0.19
5367	46340	3042.17	8377.99	1450	96.52	2.23	0.62	0.18	0.45
5369	46342	3039.86	8377.04	1450	93.40	5.51	0.77	0.09	0.23
5371	46344	3037.55	8376.09	1450	95.84	2.96	0.63	0.15	0.42
5373	46346	3035.23	8375.15	1450	97.13	1.80	0.80	0.08	0.19
5375	46348	3035.56	8372.94	1450	92.51	6.36	0.80	0.09	0.24
5377	46350	3037.84	8373.83	1450	96.80	1.98	0.61	0.19	0.42
5379	46352	3040.12	8374.72	1450	96.84	2.22	0.72	0.06	0.16
5381	46354	3042.41	8375.61	1450	96.92	1.99	0.70	0.12	0.27
5383	46356	3042.64	8373.24	1450	95.98	2.96	0.67	0.14	0.25
5385	46358	3040.39	8372.40	1450	96.77	2.35	0.62	0.09	0.17
5387	46360	3038.14	8371.56	1450	97.14	1.48	0.72	0.19	0.47
5389	46362	3035.88	8370.72	1450	96.93	1.73	0.78	0.19	0.37
5391	46364	3036.21	8368.51	1450	96.67	1.88	0.71	0.25	0.49
5393	46366	3038.43	8369.29	1450	96.95	1.69	0.68	0.20	0.48
5395	46368	3040.66	8370.08	1450	97.06	1.95	0.64	0.08	0.27
5397	46370	3042.88	8370.86	1450	96.78	2.07	0.77	0.10	0.28
5399	46372	3043.12	8368.48	1450	96.81	1.87	0.94	0.08	0.30
5401	46374	3040.92	8367.75	1450	96.71	1.98	0.81	0.12	0.38
5403	46376	3038.73	8367.03	1450	90.95	6.86	1.07	0.28	0.84
5405	46378	3036.53	8366.30	1450	96.72	1.62	0.91	0.19	0.56
5407	46380	3036.85	8364.09	1450	96.75	1.52	0.84	0.25	0.64
5409	46382	3039.02	8364.76	1450	96.25	2.66	0.74	0.09	0.26
5411	46384	3041.19	8365.43	1450	96.86	2.01	0.80	0.07	0.26
5413	46386	3043.35	8366.10	1450	96.82	1.77	0.91	0.11	0.39
5415	46388	3043.59	8363.73	1450	96.86	1.88	0.92	0.07	0.27

5417	46390	3041.45	8363.11	1450	96.93	1.88	0.70	0.13	0.36
5419	46392	3039.31	8362.49	1450	96.25	2.69	0.72	0.10	0.24
5421	46394	3037.18	8361.88	1450	96.77	1.66	0.70	0.24	0.63
5423	46396	3037.50	8359.67	1450	97.24	1.34	0.69	0.16	0.57
5425	46398	3039.61	8360.23	1450	96.91	2.09	0.67	0.07	0.26
5427	46400	3041.72	8360.79	1450	97.25	1.82	0.61	0.05	0.27
5429	46402	3043.83	8361.35	1450	95.62	2.80	0.88	0.18	0.52
5431	46404	3044.06	8358.97	1450	97.22	1.90	0.56	0.07	0.25
5433	46406	3041.98	8358.47	1450	96.94	2.05	0.63	0.07	0.31
5435	46408	3039.91	8357.96	1450	96.99	2.16	0.57	0.06	0.22
5437	46410	3037.83	8357.45	1450	97.11	1.73	0.66	0.11	0.39
5439	46412	3038.15	8355.24	1450	96.58	2.42	0.71	0.06	0.23
5441	46414	3040.20	8355.69	1450	97.11	2.08	0.53	0.06	0.22
5443	46416	3042.25	8356.15	1450	97.21	2.02	0.55	0.04	0.18
5445	46418	3044.30	8356.60	1450	97.34	1.63	0.64	0.09	0.30
5447	46420	3044.53	8354.22	1450	96.93	2.18	0.59	0.09	0.21
5449	46422	3042.51	8353.82	1450	89.75	8.92	0.72	0.14	0.47
5451	46424	3040.49	8353.43	1450	97.40	1.72	0.58	0.06	0.24
5453	46426	3038.47	8353.03	1450	92.82	6.14	0.62	0.11	0.31
5455	46428	3038.80	8350.82	1450	96.72	2.22	0.70	0.08	0.28
5457	46430	3040.79	8351.16	1450	96.87	2.27	0.59	0.04	0.23
5459	46432	3042.78	8351.50	1450	97.06	1.83	0.78	0.06	0.27
5461	46434	3044.77	8351.84	1450	97.12	1.86	0.76	0.07	0.19
5463	46436	3045.01	8349.46	1450	97.03	2.00	0.66	0.04	0.27
5465	46438	3043.05	8349.18	1450	97.33	1.86	0.59	0.04	0.18
5469	46440	3039.12	8348.61	1450	96.95	2.19	0.62	0.04	0.20
K12=793,1450									
28248817	46546	3029.65	8188.26	1450	95.02	4.14	0.65	0.05	0.14
8819	46548	3033.28	8188.38	1450	96.81	2.43	0.63	0.04	0.09
8821	46550	3036.92	8188.49	1450	97.24	1.93	0.61	0.07	0.15
8823	46552	3036.88	8185.44	1450	95.99	3.28	0.63	0.03	0.07
8825	46554	3033.24	8185.34	1450	96.29	2.82	0.64	0.07	0.18
8827	46556	3029.60	8185.25	1450	95.72	3.53	0.59	0.04	0.12
8828	46557	3029.56	8182.23	1450	96.54	2.83	0.55	0.02	0.06
8829	46558	3033.20	8182.31	1450	96.82	2.51	0.60	0.02	0.05
8830	46559	3036.83	8182.39	1450	97.07	2.16	0.61	0.05	0.11
8831	46560	3036.79	8179.34	1450	97.16	2.16	0.56	0.04	0.08
8832	46561	3033.15	8179.28	1450	96.33	2.93	0.61	0.04	0.09
8833	46562	3029.51	8179.22	1450	93.90	5.16	0.62	0.09	0.23
8834	46563	3029.47	8176.20	1450	96.40	2.67	0.72	0.06	0.15
8835	46564	3033.11	8176.24	1450	96.60	2.60	0.73	0.02	0.05
8836	46565	3036.75	8176.29	1450	96.87	2.13	0.52	0.15	0.33
8837	46566	3036.71	8173.23	1450	97.10	1.84	0.55	0.16	0.35
8838	46567	3029.42	8173.19	1450	97.12	2.12	0.69	0.02	0.05
8839	46568	3029.38	8170.17	1450	95.92	3.19	0.72	0.03	0.14
8840	46569	3033.02	8170.18	1450	96.61	2.62	0.68	0.03	0.06
8841	46570	3036.67	8170.18	1450	97.00	1.81	0.52	0.20	0.47
8842	46571	3036.62	8167.13	1450	96.24	2.81	0.48	0.11	0.36
8843	46572	3032.98	8167.14	1450	96.82	2.05	0.47	0.21	0.45
8844	46573	3029.33	8167.16	1450	96.38	2.83	0.53	0.08	0.18
8845	46574	3029.28	8164.14	1450	97.51	1.75	0.52	0.07	0.15
8846	46575	3032.93	8164.11	1450	96.88	2.02	0.48	0.18	0.44
8847	46576	3036.58	8164.08	1450	97.37	1.95	0.48	0.06	0.14
8848	46577	3036.54	8161.03	1450	97.24	1.96	0.46	0.09	0.25
8849	46578	3032.89	8161.08	1450	96.82	1.93	0.50	0.23	0.52
8850	46579	3029.24	8161.13	1450	97.62	1.51	0.57	0.11	0.19
8852	46581	3029.89	8197.40	1450	94.33	4.68	0.73	0.07	0.19
8854	46583	3029.81	8194.35	1450	91.83	6.91	0.70	0.17	0.39
8856	46585	3033.47	8194.46	1450	96.83	2.32	0.62	0.07	0.16

8858	46587	3037.05	8191.52	1450	97.22	1.85	0.58	0.12	0.23
8860	46589	3033.39	8191.41	1450	96.95	2.13	0.80	0.04	0.08
8862	46591	3029.73	8191.31	1450	94.53	4.54	0.71	0.06	0.16
K12=794,1450									
28258901	46593	3042.53	8334.74	1450	97.07	1.77	0.92	0.04	0.20
8903	46595	3045.38	8333.80	1450	97.22	1.98	0.61	0.05	0.14
8905	46597	3048.23	8332.86	1450	97.21	1.86	0.68	0.05	0.20
8907	46599	3051.09	8331.92	1450	97.61	1.56	0.65	0.05	0.13
8909	46601	3053.94	8330.99	1450	97.51	1.79	0.54	0.04	0.12
8911	46603	3056.79	8330.05	1450	97.29	1.88	0.58	0.07	0.18
8913	46605	3056.07	8326.44	1450	97.22	1.82	0.63	0.11	0.22
8915	46607	3053.22	8327.37	1450	97.04	2.10	0.64	0.07	0.15
8917	46609	3050.37	8328.30	1450	97.41	1.83	0.58	0.06	0.12
8919	46611	3047.52	8329.24	1450	96.89	2.33	0.56	0.05	0.17
8921	46613	3044.67	8330.17	1450	96.87	2.30	0.61	0.06	0.16
8923	46615	3041.82	8331.11	1450	97.14	1.59	0.81	0.11	0.35
8925	46617	3035.73	8328.54	1450	95.03	3.38	0.97	0.13	0.49
8927	46619	3038.58	8327.93	1450	97.15	1.98	0.60	0.08	0.19
8929	46621	3041.10	8327.48	1450	97.29	1.61	0.82	0.06	0.22
8931	46623	3043.96	8326.55	1450	97.48	1.64	0.68	0.04	0.16
8933	46625	3046.81	8325.62	1450	84.61	12.41	1.02	0.57	1.39
8935	46627	3049.66	8324.68	1450	96.84	2.35	0.62	0.06	0.13
8937	46629	3052.51	8323.75	1450	97.21	2.02	0.62	0.04	0.11
8939	46631	3055.36	8322.82	1450	97.07	2.11	0.61	0.07	0.14
8941	46633	3054.64	8319.21	1450	97.21	1.88	0.61	0.10	0.20
8943	46635	3051.79	8320.13	1450	96.56	2.70	0.42	0.06	0.26
8945	46637	3048.94	8321.06	1450	96.21	2.71	0.62	0.10	0.36
8947	46639	3046.09	8321.99	1450	95.32	2.24	0.60	0.45	1.39
8949	46641	3043.24	8322.92	1450	95.77	3.29	0.73	0.06	0.15
8951	46643	3040.39	8323.85	1450	96.48	2.49	0.73	0.08	0.22
8953	46645	3037.71	8324.71	1450	96.06	3.02	0.70	0.05	0.17
8955	46647	3035.03	8325.57	1450	97.47	1.54	0.79	0.04	0.16
8957	46649	3032.35	8326.43	1450	94.52	3.17	1.40	0.16	0.75
8959	46651	3029.83	8327.49	1450	96.97	1.81	0.83	0.08	0.31
8961	46653	3031.33	8322.97	1450	96.24	2.53	0.97	0.04	0.22
8963	46655	3034.11	8322.05	1450	96.72	2.17	0.86	0.05	0.20
8965	46657	3036.90	8321.13	1450	97.80	1.48	0.57	0.04	0.11
8967	46659	3039.68	8320.22	1450	97.24	1.83	0.72	0.05	0.16
8969	46661	3042.53	8319.29	1450	97.36	1.75	0.68	0.05	0.16
8971	46663	3045.38	8318.37	1450	96.69	2.29	0.85	0.06	0.11
8973	46665	3048.23	8317.44	1450	96.98	1.85	1.00	0.06	0.11
8975	46667	3051.08	8316.52	1450	97.20	1.64	0.82	0.07	0.27
8977	46669	3053.93	8315.59	1450	92.84	6.11	0.73	0.09	0.23
8979	46671	3053.21	8311.98	1450	94.92	4.11	0.65	0.09	0.23
8981	46673	3050.36	8312.90	1450	97.13	1.97	0.54	0.11	0.25
8983	46675	3047.51	8313.82	1450	97.00	1.78	0.84	0.12	0.26
8985	46677	3044.66	8314.74	1450	97.04	1.89	0.69	0.12	0.26
8987	46679	3041.81	8315.66	1450	97.44	1.70	0.59	0.08	0.19
8989	46681	3038.97	8316.58	1450	97.13	1.89	0.80	0.05	0.13
8991	46683	3036.12	8317.51	1450	97.02	2.18	0.56	0.07	0.17
8993	46685	3033.27	8318.43	1450	96.81	2.11	0.83	0.06	0.19
K12=796,1450									
28285501	46761	3023.58	8216.58	1450	96.59	1.99	0.63	0.22	0.57
5503	46763	3025.56	8216.19	1450	94.55	4.03	0.62	0.20	0.60
5505	46765	3027.50	8218.32	1450	95.77	2.99	0.82	0.10	0.32
5507	46767	3025.43	8218.09	1450	95.29	3.59	0.74	0.09	0.29
5509	46769	3023.37	8217.86	1450	96.40	1.92	0.61	0.26	0.81
5511	46771	3021.31	8217.64	1450	95.42	2.74	0.67	0.30	0.87
5513	46773	3021.10	8220.09	1450	97.31	1.67	0.51	0.12	0.39

5515	46775	3023.17	8220.28	1450	95.17	2.52	0.66	0.45	1.20
5517	46777	3027.28	8220.70	1450	96.45	2.18	0.94	0.12	0.31
5519	46779	3027.07	8223.09	1450	94.32	4.25	0.84	0.16	0.43
5521	46781	3025.02	8222.90	1450	90.41	6.03	0.86	0.69	2.01
5522	46782	3022.98	8222.70	1450	94.95	3.08	0.65	0.33	0.99
5523	46783	3020.89	8222.55	1450	93.21	3.54	0.76	0.63	1.86
5524	46784	3020.68	8225.00	1450	95.50	2.79	0.65	0.26	0.80
5525	46785	3022.78	8225.12	1450	95.47	2.91	0.68	0.24	0.70
5526	46786	3024.82	8225.30	1450	95.57	3.13	0.56	0.19	0.55
5527	46787	3026.85	8225.47	1450	90.54	5.90	0.92	0.73	1.91
5528	46788	3026.64	8227.86	1450	83.45	12.39	0.86	0.87	2.43
5529	46789	3024.61	8227.70	1450	94.22	4.14	0.59	0.23	0.82
5530	46790	3022.38	8229.96	1450	96.12	2.29	0.61	0.24	0.74
5531	46791	3024.40	8230.11	1450	93.24	5.30	0.60	0.18	0.68
5532	46792	3026.43	8230.24	1450	87.51	9.45	0.81	0.59	1.64
5533	46793	3026.21	8232.63	1450	85.47	12.42	0.92	0.29	0.90
5534	46794	3024.20	8232.51	1450	92.79	5.77	0.66	0.17	0.61
5535	46795	3022.18	8232.38	1450	97.02	1.87	0.50	0.14	0.47
5536	46796	3021.98	8234.80	1450	98.14	0.85	0.84	0.03	0.14
5537	46797	3023.99	8234.91	1450	98.08	0.92	0.89	0.02	0.09
5538	46798	3026.00	8235.02	1450	86.54	10.70	0.73	0.34	1.69
5539	46799	3025.78	8237.40	1450	86.80	10.70	0.56	0.33	1.61
5540	46800	3023.79	8237.31	1450	96.14	2.85	0.48	0.09	0.44
5541	46801	3021.79	8237.22	1450	97.17	2.13	0.46	0.04	0.20
5542	46802	3021.59	8239.64	1450	96.74	2.28	0.46	0.09	0.43
5543	46803	3023.58	8239.71	1450	95.73	3.03	0.52	0.13	0.59
K12=797,1450									
28269001	46805	3035.37	8313.40	1450	97.13	1.86	0.80	0.05	0.16
9003	46807	3035.39	8311.63	1450	96.35	2.62	0.75	0.08	0.20
9005	46809	3036.27	8308.78	1450	96.76	2.18	0.80	0.06	0.20
9007	46811	3037.16	8305.93	1450	96.75	2.09	0.94	0.06	0.16
9009	46813	3039.05	8305.67	1450	97.22	1.81	0.73	0.04	0.20
9011	46815	3039.07	8308.83	1450	97.13	1.89	0.69	0.07	0.22
9013	46817	3039.03	8311.25	1450	97.13	1.98	0.69	0.05	0.15
9015	46819	3039.01	8313.40	1450	97.29	1.81	0.73	0.04	0.13
9017	46821	3042.67	8310.86	1450	96.33	2.69	0.71	0.09	0.18
9019	46823	3042.73	8308.72	1450	97.51	1.74	0.57	0.06	0.12
9021	46825	3042.74	8305.57	1450	97.52	1.69	0.57	0.07	0.15
9023	46827	3046.42	8305.47	1450	97.01	2.12	0.62	0.09	0.16
9025	46829	3046.38	8308.60	1450	96.75	2.02	0.98	0.08	0.17
9027	46831	3046.31	8310.48	1450	97.35	1.72	0.81	0.04	0.08
9029	46833	3049.95	8310.09	1450	97.29	1.92	0.52	0.08	0.19
9031	46835	3050.03	8308.49	1450	97.02	2.04	0.54	0.13	0.27
9033	46837	3050.11	8305.38	1450	94.78	4.51	0.49	0.07	0.15
9035	46839	3053.80	8305.28	1450	97.02	2.17	0.52	0.09	0.20
9037	46841	3053.68	8308.38	1450	97.54	1.72	0.47	0.09	0.18
9039	46843	3053.58	8309.71	1450	97.69	1.62	0.48	0.07	0.14
9041	46845	3057.22	8309.33	1450	96.12	2.55	0.65	0.16	0.52
9043	46847	3057.33	8308.26	1450	97.18	1.72	0.68	0.13	0.29
9045	46849	3057.49	8305.19	1450	97.08	1.72	0.52	0.21	0.47
9047	46851	3057.64	8302.12	1450	96.77	2.16	0.59	0.16	0.32
9049	46853	3053.92	8302.20	1450	94.49	4.74	0.52	0.07	0.18
9051	46855	3050.19	8302.27	1450	91.16	7.93	0.52	0.12	0.27
9053	46857	3046.47	8302.35	1450	93.67	5.32	0.70	0.10	0.21
9055	46859	3042.74	8302.42	1450	94.44	4.70	0.58	0.09	0.19
9057	46861	3039.02	8302.50	1450	89.46	9.20	1.09	0.06	0.19
K12=799,1450									
28275545	46991	3040.48	8415.39	1450	96.80	2.02	0.68	0.11	0.39
5547	46993	3042.85	8415.49	1450	97.20	1.66	0.82	0.06	0.26

5549	46995	3045.23	8415.59	1450	85.08	11.98	0.89	0.53	1.52
5551	46997	3047.60	8415.69	1450	96.89	1.78	0.89	0.15	0.29
5553	46999	3049.98	8415.78	1450	96.99	1.78	0.74	0.14	0.35
5555	47001	3052.35	8415.88	1450	97.05	1.77	0.81	0.10	0.27
5557	47003	3054.73	8415.98	1450	96.52	2.11	1.04	0.11	0.22
5559	47005	3057.65	8413.83	1450	96.39	2.53	0.90	0.04	0.14
5561	47007	3055.23	8413.68	1450	95.68	2.37	1.51	0.13	0.31
5563	47009	3052.80	8413.53	1450	96.72	1.39	1.20	0.16	0.53
5565	47011	3050.38	8413.38	1450	96.24	1.85	1.16	0.22	0.53
5567	47013	3047.96	8413.23	1450	96.89	1.74	0.87	0.16	0.34
5569	47015	3045.53	8413.08	1450	96.99	1.63	0.93	0.14	0.31
5571	47017	3043.11	8412.93	1450	96.47	2.10	0.92	0.11	0.40
5573	47019	3040.73	8412.81	1450	96.10	2.23	1.21	0.10	0.36
5575	47021	3040.98	8410.23	1450	95.97	2.61	0.79	0.11	0.52
5577	47023	3043.36	8410.37	1450	95.63	2.74	1.09	0.09	0.45
5579	47025	3045.78	8410.54	1450	96.53	1.81	1.11	0.16	0.39
5581	47027	3048.20	8410.71	1450	96.40	1.57	1.32	0.21	0.50
5583	47029	3050.61	8410.88	1450	96.30	2.21	0.83	0.21	0.45
5585	47031	3053.03	8411.04	1450	96.93	1.44	1.13	0.15	0.35
5587	47033	3055.45	8411.21	1450	95.97	2.79	0.96	0.08	0.20
5589	47035	3057.86	8411.38	1450	97.25	1.69	0.82	0.06	0.18
5591	47037	3058.08	8408.93	1450	97.07	1.85	0.81	0.08	0.19
5593	47039	3055.67	8408.74	1450	96.66	1.77	1.01	0.19	0.37
5595	47041	3053.26	8408.56	1450	96.16	2.12	0.97	0.25	0.50
5597	47043	3050.85	8408.37	1450	97.07	1.56	0.95	0.14	0.28
5599	47045	3048.44	8408.19	1450	95.82	2.28	1.42	0.15	0.33
5601	47047	3046.03	8408.00	1450	96.77	1.71	1.23	0.10	0.19
5603	47049	3043.62	8407.82	1450	86.43	11.99	0.98	0.13	0.47
5605	47051	3043.87	8405.26	1450	93.82	4.63	0.90	0.16	0.49
5607	47053	3046.28	8405.46	1450	95.96	2.62	0.99	0.12	0.31
5609	47055	3048.68	8405.67	1450	95.34	2.83	1.13	0.22	0.48
5611	47057	3051.08	8405.87	1450	97.19	1.71	0.76	0.11	0.23
5613	47059	3053.49	8406.07	1450	96.36	2.23	0.89	0.16	0.36
5615	47061	3055.89	8406.28	1450	96.72	1.83	0.91	0.16	0.38
5617	47063	3058.29	8406.48	1450	96.52	2.15	1.14	0.05	0.14
5619	47065	3058.51	8404.03	1450	95.56	3.29	0.71	0.07	0.37
5621	47067	3056.11	8403.81	1450	95.68	3.01	1.02	0.10	0.19
5625	47070	3051.32	8403.37	1450	95.74	1.99	1.66	0.20	0.41
5627	47072	3048.92	8403.14	1450	96.53	1.87	1.07	0.18	0.35
5629	47074	3046.52	8402.92	1450	96.20	1.87	1.48	0.14	0.31
K12=801,1450									
28295631	47148	3059.06	8401.70	1450	95.66	2.34	1.66	0.06	0.28
5633	47150	3056.58	8401.53	1450	96.73	1.59	0.92	0.25	0.51
5635	47152	3054.10	8401.36	1450	97.04	1.84	0.85	0.09	0.18
5637	47154	3051.62	8401.19	1450	97.45	1.33	0.90	0.10	0.22
5639	47156	3049.14	8401.02	1450	97.58	1.43	0.78	0.07	0.14
5641	47158	3046.66	8400.85	1450	96.63	1.66	1.15	0.18	0.38
5643	47160	3044.18	8400.64	1450	96.37	2.11	0.92	0.14	0.46
5645	47162	3044.35	8398.21	1450	96.76	1.59	0.91	0.22	0.52
5647	47164	3046.85	8398.39	1450	94.91	3.18	1.26	0.20	0.45
5649	47166	3049.35	8398.58	1450	97.28	1.59	0.80	0.10	0.23
5651	47168	3051.85	8398.77	1450	97.08	1.62	0.99	0.09	0.22
5653	47170	3054.35	8398.96	1450	97.42	1.64	0.69	0.08	0.17
5655	47172	3056.84	8399.14	1450	96.51	2.53	0.71	0.08	0.17
5657	47174	3059.34	8399.33	1450	97.29	1.73	0.66	0.10	0.22
5659	47176	3059.63	8396.96	1450	97.33	1.54	0.74	0.12	0.27
5661	47178	3057.11	8396.76	1450	95.71	3.24	0.68	0.11	0.26
5663	47180	3054.59	8396.57	1450	97.33	1.76	0.70	0.06	0.15
5665	47182	3052.07	8396.37	1450	97.37	1.62	0.69	0.11	0.21

5667	47184	3049.56	8396.17	1450	97.23	1.79	0.71	0.09	0.18
5669	47186	3047.04	8395.97	1450	96.90	1.65	0.88	0.16	0.41
5671	47188	3044.52	8395.77	1450	97.18	1.69	0.79	0.12	0.22
5673	47190	3044.69	8393.34	1450	96.80	1.58	1.12	0.16	0.34
5675	47192	3047.23	8393.55	1450	97.06	1.70	0.79	0.14	0.31
5677	47194	3049.76	8393.75	1450	97.12	1.81	0.79	0.09	0.19
5679	47196	3052.30	8393.96	1450	96.91	1.86	0.96	0.09	0.18
5681	47198	3054.84	8394.17	1450	97.08	1.85	0.82	0.08	0.17
5683	47200	3057.38	8394.38	1450	96.10	2.86	0.79	0.09	0.16
5685	47202	3059.92	8394.59	1450	94.05	4.08	0.91	0.33	0.63
5687	47204	3061.50	8393.61	1450	96.25	2.06	0.92	0.25	0.52
5689	47206	3062.59	8392.34	1450	96.99	2.10	0.67	0.08	0.16
5691	47208	3060.20	8392.22	1450	97.05	1.72	0.75	0.15	0.33
5693	47210	3057.64	8392.00	1450	97.36	1.71	0.68	0.07	0.18
5695	47212	3055.09	8391.78	1450	95.68	3.25	0.81	0.08	0.18
5697	47214	3052.53	8391.56	1450	94.93	3.59	1.08	0.13	0.27
5699	47216	3049.97	8391.34	1450	95.39	3.43	0.95	0.08	0.15
5701	47218	3047.42	8391.12	1450	95.30	3.67	0.79	0.07	0.17
5703	47220	3044.86	8390.90	1450	96.75	1.74	1.08	0.12	0.31
5705	47222	3045.03	8388.47	1450	97.20	1.57	0.70	0.16	0.37
5707	47224	3047.41	8388.68	1450	96.34	2.42	0.79	0.14	0.31
5709	47226	3050.02	8388.92	1450	96.53	2.26	0.86	0.10	0.25
5711	47228	3052.64	8389.15	1450	96.63	2.09	0.84	0.14	0.30
5713	47230	3055.25	8389.39	1450	97.31	1.64	0.75	0.09	0.21
5715	47232	3057.87	8389.62	1450	96.71	1.84	0.78	0.24	0.43
5717	47234	3060.49	8389.86	1450	96.31	1.89	0.94	0.28	0.58
5719	47236	3063.10	8390.09	1450	96.54	2.29	0.78	0.13	0.26
K12=803,1354									
28309201	47334	3036.23	8196.18	1450	97.12	2.02	0.66	0.07	0.13
9203	47336	3038.31	8196.47	1450	97.56	1.63	0.58	0.08	0.15
9205	47338	3041.16	8196.71	1450	97.37	2.05	0.49	0.03	0.06
9207	47340	3044.01	8196.94	1450	97.37	2.01	0.52	0.03	0.07
9209	47342	3046.87	8197.18	1450	97.35	2.02	0.53	0.03	0.07
9211	47344	3049.72	8197.42	1450	96.61	2.58	0.50	0.09	0.22
9213	47346	3049.95	8193.74	1450	97.60	1.69	0.53	0.05	0.13
9215	47348	3047.08	8193.52	1450	97.76	1.45	0.70	0.03	0.06
9217	47350	3044.21	8193.29	1450	97.68	1.63	0.61	0.02	0.06
9219	47352	3041.34	8193.06	1450	97.84	1.49	0.61	0.02	0.04
9221	47354	3041.53	8189.42	1450	97.13	1.92	0.55	0.13	0.27
9223	47356	3044.41	8189.63	1450	97.67	1.72	0.53	0.03	0.05
9225	47358	3047.30	8189.85	1450	97.15	2.17	0.55	0.04	0.09
9227	47360	3050.18	8190.06	1450	96.98	2.25	0.56	0.06	0.15
9229	47362	3050.42	8186.38	1450	96.56	2.69	0.56	0.06	0.13
9231	47364	3047.51	8186.18	1450	97.54	1.69	0.56	0.07	0.14
9233	47366	3044.61	8185.98	1450	96.36	2.74	0.60	0.11	0.19
9235	47368	3041.71	8185.78	1450	97.23	2.07	0.52	0.06	0.12
9237	47369	3041.89	8182.14	1450	96.02	3.15	0.61	0.07	0.15
9239	47370	3044.81	8182.33	1450	96.81	2.15	0.77	0.08	0.19
9241	47372	3047.73	8182.52	1450	96.85	2.14	0.67	0.11	0.23
9243	47374	3050.65	8182.70	1450	96.91	2.14	0.63	0.10	0.22
9245	47376	3050.88	8179.02	1450	95.53	3.19	0.82	0.14	0.32
9247	47378	3047.94	8178.85	1450	97.32	2.06	0.57	0.02	0.03
9249	47380	3045.01	8178.67	1450	96.36	2.73	0.73	0.04	0.14
9251	47382	3042.07	8178.50	1450	96.99	2.15	0.77	0.02	0.07
9253	47384	3040.50	8174.75	1450	97.60	1.57	0.54	0.07	0.22
9255	47386	3042.25	8174.85	1450	97.07	1.57	0.51	0.17	0.68
9257	47388	3045.21	8175.02	1450	97.40	1.41	0.46	0.22	0.51
9259	47390	3048.16	8175.18	1450	97.84	1.39	0.48	0.08	0.21
9261	47392	3051.11	8175.35	1450	96.93	1.68	0.76	0.19	0.44

9263	47394	3051.34	8171.67	1450	96.52	1.68	0.72	0.32	0.76
9265	47396	3048.37	8171.52	1450	97.12	1.73	0.61	0.13	0.41
9267	47398	3045.40	8171.36	1450	97.39	1.75	0.46	0.09	0.31
9269	47399	3042.43	8171.21	1450	97.19	1.67	0.54	0.12	0.48
9271	47401	3040.36	8171.11	1450	97.07	1.64	0.60	0.15	0.54
9273	47403	3040.23	8167.46	1450	97.19	1.80	0.53	0.10	0.38
9275	47405	3042.62	8167.57	1450	97.37	1.80	0.52	0.06	0.25
9277	47407	3045.60	8167.71	1450	95.76	2.89	0.46	0.24	0.65
9279	47409	3048.59	8167.85	1450	95.02	3.54	0.49	0.30	0.65
9281	47411	3051.57	8167.99	1450	93.70	3.34	1.04	0.59	1.33
9283	47413	3051.81	8164.31	1450	95.02	1.41	0.85	0.47	2.25
9285	47415	3048.80	8164.18	1450	95.84	1.53	0.53	0.41	1.69
9287	47417	3045.80	8164.06	1450	97.18	1.80	0.50	0.13	0.39
9289	47419	3042.80	8163.93	1450	97.70	1.37	0.56	0.09	0.28
9291	47421	3040.09	8163.81	1450	97.74	1.53	0.48	0.06	0.19
9293	47423	3039.96	8160.17	1450	97.50	1.60	0.59	0.07	0.24
9295	47425	3042.98	8160.29	1450	97.47	1.78	0.42	0.08	0.25
9297	47427	3046.00	8160.40	1450	97.13	1.76	0.53	0.15	0.43
9299	47429	3049.02	8160.52	1450	96.21	1.61	0.60	0.36	1.22
9301	47431	3052.04	8160.63	1450	94.11	2.16	0.74	0.54	2.45
K12=805,1354									
28315721	47563	3044.35	8384.67	1450	97.12	1.68	0.75	0.12	0.33
5723	47565	3046.75	8385.17	1450	97.14	1.90	0.55	0.10	0.31
5725	47567	3049.15	8385.66	1450	97.39	1.79	0.61	0.04	0.17
5727	47569	3051.55	8386.16	1450	97.29	1.73	0.72	0.07	0.19
5729	47571	3053.95	8386.65	1450	97.31	1.77	0.69	0.07	0.16
5731	47573	3056.35	8387.15	1450	97.06	1.88	0.72	0.09	0.25
5735	47575	3061.15	8388.14	1450	96.88	1.66	0.86	0.18	0.42
5737	47577	3063.55	8388.63	1450	97.28	1.79	0.71	0.06	0.16
5739	47579	3064.03	8386.20	1450	96.57	2.01	0.99	0.14	0.29
5741	47581	3061.60	8385.72	1450	97.31	1.49	0.66	0.17	0.37
5743	47583	3059.17	8385.25	1450	96.87	1.74	0.93	0.16	0.30
5745	47585	3056.75	8384.77	1450	96.35	2.43	0.97	0.08	0.17
5747	47587	3054.32	8384.29	1450	97.13	1.86	0.65	0.12	0.24
5749	47589	3051.89	8383.81	1450	96.82	2.11	0.82	0.08	0.17
5751	47591	3049.46	8383.33	1450	96.63	2.42	0.78	0.04	0.13
5753	47593	3047.03	8382.86	1450	96.92	1.87	0.79	0.12	0.30
5755	47595	3044.60	8382.38	1450	97.08	2.24	0.53	0.03	0.12
5757	47597	3044.85	8380.09	1450	97.17	1.70	0.67	0.12	0.34
5759	47599	3047.31	8380.55	1450	96.17	2.90	0.62	0.09	0.22
5761	47601	3049.77	8381.01	1450	95.28	3.52	0.99	0.06	0.15
5763	47603	3052.23	8381.47	1450	97.25	1.84	0.74	0.05	0.12
5765	47605	3054.68	8381.93	1450	96.54	2.20	0.84	0.12	0.30
5767	47607	3057.14	8382.39	1450	97.26	1.82	0.64	0.09	0.19
5769	47609	3059.60	8382.85	1450	97.27	1.58	0.70	0.13	0.32
5771	47611	3062.05	8383.31	1450	96.38	2.03	0.71	0.28	0.60
5773	47613	3064.51	8383.77	1450	95.16	2.13	1.03	0.55	1.13
5775	47615	3064.99	8381.34	1450	96.38	1.77	0.72	0.41	0.72
5777	47617	3062.50	8380.90	1450	96.62	1.71	0.77	0.33	0.57
5779	47619	3060.02	8380.46	1450	96.84	2.14	0.66	0.13	0.23
5781	47621	3057.53	8380.02	1450	94.59	4.44	0.71	0.08	0.18
5783	47623	3055.05	8379.57	1450	94.55	4.47	0.77	0.07	0.14
5785	47625	3052.56	8379.13	1450	94.82	3.85	0.93	0.15	0.25
5787	47627	3050.08	8378.69	1450	92.36	5.96	1.40	0.09	0.19
5789	47629	3047.59	8378.25	1450	96.36	2.66	0.81	0.05	0.12
5791	47631	3045.11	8377.81	1450	96.10	2.77	0.65	0.14	0.34
5793	47633	3045.36	8375.52	1450	90.03	8.82	0.59	0.17	0.39
5795	47635	3047.87	8375.94	1450	96.68	2.56	0.62	0.04	0.10
5797	47637	3050.39	8376.37	1450	96.54	2.48	0.85	0.04	0.09

5799	47639	3052.90	8376.79	1450	97.55	1.63	0.70	0.04	0.08
5801	47641	3055.41	8377.21	1450	97.36	1.87	0.60	0.04	0.13
5803	47643	3057.93	8377.64	1450	97.12	2.06	0.71	0.04	0.07
5805	47645	3060.44	8378.06	1450	97.41	1.73	0.59	0.09	0.18
5807	47647	3062.96	8378.48	1450	97.68	1.36	0.67	0.10	0.19
K12=806,1450									
28329303	47651	3031.41	8204.92	1450	96.60	2.36	0.91	0.03	0.10
9305	47653	3034.43	8205.13	1450	97.07	2.09	0.64	0.05	0.15
9307	47655	3037.45	8205.35	1450	96.91	2.13	0.85	0.03	0.08
9309	47657	3040.48	8205.56	1450	97.24	2.16	0.47	0.03	0.10
9311	47659	3043.50	8205.78	1450	96.91	2.46	0.48	0.04	0.11
9313	47661	3046.52	8205.99	1450	97.59	1.72	0.54	0.04	0.11
9315	47663	3049.54	8206.20	1450	97.65	1.78	0.52	0.05	0.15
9317	47665	3049.28	8209.22	1450	97.26	2.04	0.51	0.04	0.15
9319	47667	3046.25	8208.97	1450	97.65	1.66	0.57	0.03	0.09
9321	47669	3043.21	8208.73	1450	96.84	2.53	0.52	0.03	0.08
9323	47671	3040.18	8208.48	1450	97.59	1.90	0.47	0.01	0.03
9325	47673	3037.15	8208.24	1450	97.43	1.93	0.56	0.02	0.06
9327	47675	3034.11	8207.99	1450	96.99	2.06	0.75	0.06	0.14
9329	47677	3031.08	8207.74	1450	95.30	3.81	0.64	0.05	0.20
9331	47679	3030.86	8210.74	1450	95.78	3.40	0.71	0.02	0.09
9333	47681	3033.89	8210.99	1450	96.39	2.74	0.70	0.05	0.12
9335	47683	3036.92	8211.24	1450	97.39	1.86	0.63	0.04	0.08
9337	47685	3039.94	8211.49	1450	97.70	1.57	0.63	0.03	0.07
9339	47687	3042.97	8211.74	1450	97.55	1.80	0.52	0.03	0.10
9341	47689	3045.99	8211.99	1450	97.49	1.80	0.54	0.04	0.13
9343	47691	3049.02	8212.24	1450	96.75	2.48	0.59	0.05	0.13
9345	47693	3048.76	8215.25	1450	94.28	4.71	0.68	0.11	0.22
9347	47695	3045.74	8215.00	1450	96.62	2.51	0.63	0.07	0.17
9349	47697	3042.72	8214.75	1450	97.29	1.97	0.52	0.05	0.17
9351	47699	3039.70	8214.50	1450	97.33	1.89	0.59	0.05	0.14
9353	47701	3036.68	8214.24	1450	97.40	1.85	0.66	0.02	0.07
9355	47703	3033.67	8213.99	1450	96.12	2.97	0.63	0.08	0.20
9357	47705	3030.65	8213.74	1450	96.47	2.59	0.60	0.10	0.24
9359	47707	3030.43	8216.74	1450	97.39	1.85	0.61	0.04	0.11
9361	47709	3033.44	8217.00	1450	97.45	1.90	0.56	0.02	0.07
9363	47711	3036.45	8217.25	1450	97.46	1.88	0.60	0.01	0.05
9365	47713	3039.46	8217.51	1450	97.05	2.21	0.61	0.04	0.09
9367	47715	3042.48	8217.76	1450	97.33	2.10	0.46	0.02	0.09
9369	47717	3045.49	8218.02	1450	96.61	2.49	0.64	0.08	0.18
9371	47719	3048.50	8218.27	1450	94.67	4.20	0.94	0.05	0.14
9373	47721	3048.24	8221.29	1450	94.70	4.00	0.84	0.14	0.32
9375	47723	3045.23	8221.03	1450	91.55	7.50	0.75	0.05	0.15
9377	47725	3042.23	8220.77	1450	95.67	3.72	0.47	0.04	0.10
9379	47727	3039.23	8220.51	1450	97.51	1.87	0.51	0.03	0.08
9381	47728	3036.22	8220.26	1450	96.05	3.17	0.58	0.05	0.15
9383	47730	3033.22	8220.00	1450	97.19	2.07	0.59	0.04	0.11
9385	47732	3034.94	8202.05	1450	96.68	2.30	0.87	0.04	0.11
9387	47734	3037.91	8202.28	1450	96.06	2.92	0.66	0.12	0.24
9389	47736	3040.88	8202.50	1450	97.06	2.38	0.49	0.02	0.05
9391	47738	3043.85	8202.73	1450	97.27	2.07	0.48	0.05	0.13
9393	47740	3046.83	8202.96	1450	97.63	1.75	0.52	0.03	0.07
9395	47742	3049.80	8203.18	1450	97.66	1.79	0.46	0.03	0.06
9397	47744	3050.06	8200.17	1450	96.87	2.57	0.46	0.03	0.07
9399	47746	3047.14	8199.93	1450	97.22	2.23	0.44	0.03	0.08
9401	47748	3044.21	8199.69	1450	97.21	2.21	0.45	0.04	0.09
9403	47750	3041.29	8199.45	1450	97.28	2.10	0.47	0.04	0.11
9405	47752	3038.36	8199.21	1450	95.96	3.15	0.65	0.08	0.16
9407	47753	3035.44	8198.97	1450	97.16	2.06	0.58	0.06	0.14

K12=808,1450									
28339409	47827	3040.83	8344.03	1450	96.88	2.20	0.69	0.06	0.17
9411	47829	3042.78	8344.91	1450	97.10	1.76	0.84	0.06	0.24
9413	47831	3045.78	8345.41	1450	95.70	3.51	0.56	0.06	0.17
9415	47833	3048.78	8345.90	1450	96.62	2.24	0.75	0.10	0.29
9417	47835	3051.79	8346.40	1450	97.65	1.63	0.55	0.04	0.13
9419	47837	3054.79	8346.90	1450	97.10	1.73	0.87	0.08	0.22
9421	47839	3055.17	8343.43	1450	97.41	1.60	0.76	0.05	0.18
9423	47841	3052.29	8342.92	1450	97.45	1.58	0.74	0.05	0.18
9425	47843	3049.41	8342.41	1450	93.02	5.81	0.91	0.06	0.20
9427	47845	3046.52	8341.90	1450	91.71	7.38	0.57	0.06	0.28
9429	47847	3043.64	8341.38	1450	97.23	1.86	0.69	0.05	0.17
9431	47849	3040.76	8340.87	1450	97.22	1.87	0.67	0.05	0.19
9433	47851	3041.34	8338.87	1450	97.20	1.59	0.70	0.12	0.39
9435	47853	3043.62	8338.64	1450	97.41	1.61	0.76	0.05	0.17
9437	47855	3046.60	8338.97	1450	89.80	9.24	0.52	0.11	0.33
9439	47857	3049.59	8339.30	1450	97.31	1.86	0.57	0.07	0.19
9441	47859	3052.57	8339.64	1450	97.57	1.53	0.78	0.03	0.09
9443	47861	3055.56	8339.97	1450	97.21	1.62	0.98	0.04	0.15
9445	47863	3055.94	8336.50	1450	97.17	1.49	1.17	0.04	0.13
9447	47865	3052.86	8336.65	1450	97.92	1.41	0.62	0.05	0.16
9449	47867	3049.78	8336.80	1450	97.13	1.83	0.72	0.08	0.24
K12=811.1450									
28358451	48066	3013.45	8302.65	1450	95.30	2.75	0.46	0.19	1.30
8453	48067	3015.53	8304.14	1450	96.75	1.90	0.54	0.12	0.69
8455	48069	3018.05	8305.70	1450	93.15	3.49	0.53	0.31	2.52
8457	48071	3020.58	8307.26	1450	94.53	3.20	0.59	0.19	1.49
8459	48073	3023.10	8308.82	1450	97.21	1.95	0.49	0.06	0.29
8461	48074	3025.63	8310.38	1450	96.95	2.04	0.68	0.07	0.26
8463	48076	3028.16	8311.94	1450	93.49	5.33	0.71	0.08	0.39
8465	48077	3030.68	8313.50	1450	96.36	2.29	0.64	0.16	0.55
8467	48079	3032.12	8310.14	1450	96.34	2.33	0.65	0.11	0.57
8469	48081	3029.58	8308.60	1450	97.16	1.84	0.83	0.03	0.14
8471	48083	3027.04	8307.05	1450	95.96	3.11	0.67	0.06	0.20
8473	48085	3024.50	8305.50	1450	97.17	1.87	0.68	0.06	0.22
8475	48087	3021.96	8303.96	1450	97.08	1.89	0.60	0.08	0.35
8477	48088	3019.35	8302.38	1450	92.55	5.28	0.51	0.22	1.44
8479	48090	3021.07	8299.68	1450	94.01	4.74	0.50	0.12	0.63
8481	48092	3023.34	8300.65	1450	97.19	1.86	0.56	0.10	0.29
8483	48094	3025.89	8302.19	1450	97.04	2.07	0.58	0.08	0.23
8485	48096	3028.45	8303.72	1450	90.87	7.34	0.76	0.19	0.84
8487	48098	3031.00	8305.25	1450	95.71	3.40	0.66	0.05	0.18
8489	48100	3033.55	8306.79	1450	97.16	1.79	0.69	0.07	0.29
8491	48102	3034.99	8303.43	1450	96.17	2.81	0.69	0.08	0.25
8493	48104	3032.42	8301.91	1450	96.57	2.32	0.81	0.05	0.25
8495	48106	3029.86	8300.39	1450	96.52	2.42	0.73	0.05	0.28
8497	48108	3027.29	8298.87	1450	96.24	2.79	0.63	0.06	0.28
8499	48110	3024.72	8297.35	1450	97.20	1.91	0.59	0.06	0.24
8501	48112	3022.67	8296.33	1450	96.33	2.31	0.54	0.12	0.70
8503	48114	3026.10	8294.05	1450	95.77	3.15	0.73	0.06	0.29
8505	48116	3028.68	8295.55	1450	95.73	3.11	0.76	0.07	0.33
8507	48118	3031.26	8297.06	1450	95.78	3.02	0.78	0.08	0.34
8509	48120	3033.85	8298.56	1450	96.15	2.88	0.71	0.05	0.21
8511	48122	3036.43	8300.07	1450	97.35	1.57	0.74	0.10	0.24
K12=812,1450									
28369512	48123	3029.02	8318.34	1450	95.50	3.43	0.71	0.09	0.27
9514	48125	3027.72	8320.83	1450	88.52	10.51	0.50	0.13	0.34
9515	48126	3025.11	8325.81	1450	96.11	2.68	0.48	0.19	0.54
9516	48127	3022.28	8324.30	1450	96.91	2.14	0.43	0.12	0.40

9517	48128	3024.89	8319.16	1450	97.59	1.65	0.43	0.08	0.25
9518	48129	3026.19	8316.58	1450	97.23	1.92	0.49	0.12	0.24
9519	48130	3023.37	8314.83	1450	97.69	1.58	0.49	0.06	0.18
9520	48131	3020.54	8313.07	1450	96.88	2.22	0.41	0.10	0.39
9521	48132	3019.24	8315.81	1450	96.66	1.65	0.54	0.26	0.89
9522	48133	3017.93	8318.55	1450	92.50	5.95	0.58	0.23	0.74
9523	48134	3016.63	8321.29	1450	96.26	2.44	0.47	0.18	0.65
9524	48135	3015.27	8307.66	1450	97.37	1.52	0.76	0.09	0.26
9525	48136	3018.13	8308.92	1450	96.94	1.86	0.45	0.18	0.57
9526	48137	3017.72	8311.31	1450	95.15	3.48	0.49	0.22	0.66
9527	48138	3014.90	8309.56	1450	96.92	1.47	0.57	0.26	0.78
9528	48139	3012.07	8307.80	1450	95.25	3.27	0.51	0.25	0.72
9529	48140	3013.59	8312.46	1450	97.09	1.50	0.62	0.19	0.60
9530	48141	3016.41	8314.14	1450	95.00	3.42	0.55	0.26	0.77
K12=813,1450									
28379601	48143	3047.91	8353.57	1450	96.98	2.30	0.55	0.04	0.13
9603	48145	3047.47	8355.96	1450	97.34	2.05	0.47	0.04	0.10
9605	48147	3047.02	8358.36	1450	97.74	1.61	0.51	0.03	0.11
9607	48149	3049.37	8358.83	1450	96.97	2.01	0.71	0.07	0.24
9609	48151	3049.26	8356.27	1450	94.99	4.08	0.64	0.07	0.22
9611	48153	3049.14	8353.70	1450	97.38	1.88	0.52	0.05	0.17
9613	48155	3049.03	8351.13	1450	97.22	1.90	0.56	0.08	0.24
9615	48157	3051.59	8351.56	1450	97.51	1.71	0.57	0.05	0.16
9617	48159	3051.64	8354.14	1450	97.41	1.75	0.64	0.06	0.14
9619	48161	3051.68	8356.73	1450	97.53	1.64	0.66	0.05	0.12
9621	48163	3051.72	8359.31	1450	97.23	1.78	0.75	0.07	0.17
9623	48165	3054.07	8359.78	1450	97.43	1.75	0.63	0.06	0.13
9625	48167	3054.10	8357.19	1450	96.02	3.06	0.66	0.08	0.18
9627	48169	3054.13	8354.59	1450	97.59	1.70	0.55	0.04	0.12
9629	48171	3054.16	8351.99	1450	97.79	1.53	0.58	0.03	0.07
9631	48173	3056.72	8352.42	1450	89.11	9.61	0.91	0.09	0.28
9633	48175	3056.62	8355.03	1450	97.19	1.71	0.86	0.06	0.18
9635	48177	3056.52	8357.65	1450	97.26	1.75	0.81	0.05	0.13
9637	48179	3056.42	8360.26	1450	97.30	1.77	0.75	0.05	0.13
9639	48181	3058.66	8362.67	1450	97.33	1.84	0.67	0.04	0.12
9641	48183	3058.77	8360.73	1450	96.60	2.29	0.87	0.07	0.17
9643	48185	3058.99	8358.18	1450	96.93	2.05	0.80	0.06	0.16
9645	48187	3059.21	8355.63	1450	95.59	3.27	0.91	0.06	0.17
9647	48189	3059.44	8353.08	1450	96.66	2.16	0.90	0.07	0.21
9649	48191	3059.66	8350.53	1450	97.14	1.90	0.76	0.04	0.16
9651	48193	3059.88	8347.98	1450	96.94	2.09	0.73	0.06	0.18
9653	48195	3062.31	8348.53	1450	97.13	1.91	0.67	0.09	0.20
9655	48197	3062.07	8351.07	1450	96.93	2.12	0.67	0.07	0.21
9657	48199	3061.83	8353.60	1450	97.42	1.82	0.53	0.06	0.17
9659	48201	3061.60	8356.14	1450	97.42	1.65	0.68	0.06	0.19
9661	48203	3061.36	8358.67	1450	97.33	1.82	0.61	0.08	0.16
9663	48205	3061.12	8361.21	1450	97.06	2.09	0.60	0.05	0.20
9665	48207	3063.47	8361.68	1450	96.98	1.98	0.77	0.08	0.19
9667	48209	3063.72	8359.16	1450	97.14	2.03	0.59	0.07	0.17
9669	48211	3063.98	8356.64	1450	97.31	1.61	0.77	0.09	0.22
9671	48213	3064.23	8354.12	1450	96.82	1.90	0.88	0.10	0.30
9673	48215	3064.48	8351.60	1450	96.82	1.68	1.00	0.15	0.35
9675	48217	3064.74	8349.08	1450	96.90	1.79	0.80	0.13	0.38
9677	48219	3067.16	8349.64	1450	97.03	1.67	0.96	0.11	0.23
9679	48221	3066.90	8352.14	1450	96.95	1.62	0.89	0.19	0.35
9681	48223	3066.63	8354.64	1450	97.14	1.74	0.89	0.07	0.16
9683	48225	3066.36	8357.15	1450	97.04	1.69	1.07	0.05	0.15
9685	48227	3066.09	8359.65	1450	96.92	1.89	0.95	0.08	0.16
9687	48229	3065.82	8362.16	1450	96.45	2.30	0.80	0.15	0.30

9689	48231	3068.17	8362.63	1450	96.59	1.75	0.99	0.20	0.47
9691	48233	3068.46	8360.14	1450	96.45	2.29	0.81	0.14	0.31
9693	48235	3068.74	8357.65	1450	97.14	1.73	0.77	0.12	0.24
9695	48237	3069.02	8355.16	1450	96.61	1.85	0.90	0.20	0.44
9697	48239	3069.31	8352.67	1450	96.06	2.49	0.92	0.17	0.36
9699	48241	3069.59	8350.19	1450	96.15	2.17	1.00	0.23	0.45
9701	48243	3072.02	8350.74	1450	97.30	1.48	0.83	0.13	0.26
9703	48245	3071.72	8353.21	1450	96.60	2.10	0.79	0.18	0.33
9705	48247	3071.42	8355.69	1450	96.54	2.05	0.87	0.17	0.37
9707	48249	3071.12	8358.16	1450	96.72	1.77	0.97	0.16	0.38
9709	48251	3070.82	8360.63	1450	96.47	1.90	1.16	0.16	0.31
9711	48253	3070.52	8363.11	1450	95.92	2.32	0.97	0.27	0.52
K12=814,1450									
28345811	48255	3046.20	8372.05	1450	96.93	2.25	0.52	0.09	0.21
5813	48257	3046.53	8369.63	1450	97.27	2.13	0.48	0.03	0.09
5815	48259	3046.86	8367.21	1450	97.28	1.79	0.53	0.12	0.28
5817	48261	3047.20	8364.78	1450	95.02	3.95	0.61	0.09	0.33
5819	48263	3047.53	8362.36	1450	94.11	5.05	0.59	0.07	0.18
5821	48265	3049.93	8362.68	1450	94.20	4.85	0.65	0.05	0.25
5823	48267	3049.59	8365.11	1450	96.14	2.97	0.63	0.07	0.19
5825	48269	3049.26	8367.54	1450	97.22	1.81	0.69	0.07	0.21
5827	48271	3048.93	8369.97	1450	95.19	3.91	0.59	0.08	0.23
5829	48273	3048.60	8372.40	1450	96.89	2.35	0.55	0.06	0.15
5831	48275	3051.00	8372.75	1450	95.47	2.52	1.23	0.19	0.59
5833	48277	3051.33	8370.32	1450	96.84	1.89	0.81	0.11	0.35
5835	48279	3051.66	8367.88	1450	97.34	1.74	0.63	0.07	0.22
5837	48281	3051.99	8365.45	1450	97.59	1.39	0.71	0.08	0.23
5839	48283	3052.32	8363.01	1450	97.22	1.77	0.80	0.05	0.16
5841	48285	3054.71	8363.33	1450	94.69	3.69	1.02	0.19	0.41
5843	48287	3054.38	8365.78	1450	95.50	3.37	0.78	0.12	0.23
5845	48289	3054.05	8368.22	1450	96.85	1.98	0.72	0.15	0.30
5847	48291	3053.72	8370.66	1450	96.76	2.05	0.94	0.06	0.19
5849	48293	3053.39	8373.11	1450	91.71	7.03	1.00	0.07	0.19
5851	48295	3055.79	8373.46	1450	95.36	3.59	0.72	0.11	0.22
5853	48297	3056.12	8371.01	1450	95.60	3.16	0.82	0.14	0.28
5855	48299	3056.45	8368.56	1450	96.97	2.04	0.69	0.09	0.21
5857	48301	3056.78	8366.11	1450	96.11	2.75	0.77	0.12	0.25
5859	48303	3057.11	8363.66	1450	96.81	2.22	0.80	0.06	0.11
5861	48305	3059.50	8363.98	1450	97.07	1.77	0.89	0.07	0.20
5863	48307	3059.17	8366.44	1450	96.68	1.91	1.24	0.05	0.12
5865	48309	3058.85	8368.90	1450	97.31	1.70	0.71	0.09	0.19
5867	48311	3058.52	8371.36	1450	95.56	3.28	0.83	0.09	0.24
5869	48313	3058.19	8373.81	1450	97.22	1.61	0.93	0.06	0.18
5871	48315	3060.59	8374.17	1450	97.11	2.11	0.55	0.06	0.17
5873	48317	3060.91	8371.70	1450	92.71	6.50	0.56	0.06	0.17
5875	48319	3061.24	8369.24	1450	96.72	2.55	0.55	0.06	0.12
5877	48321	3061.57	8366.77	1450	97.39	1.80	0.62	0.06	0.13
5879	48323	3061.90	8364.31	1450	96.74	2.37	0.62	0.07	0.20
5881	48325	3064.29	8364.63	1450	97.36	1.79	0.62	0.07	0.16
5883	48327	3063.97	8367.10	1450	97.19	1.95	0.58	0.09	0.19
5885	48329	3063.64	8369.57	1450	91.55	7.27	0.67	0.21	0.30
5887	48331	3063.31	8372.04	1450	97.15	1.80	0.66	0.14	0.25
5889	48333	3062.98	8374.52	1450	97.23	1.53	0.70	0.18	0.36
5891	48335	3065.38	8374.87	1450	96.96	1.71	0.78	0.18	0.37
5893	48337	3065.71	8372.39	1450	97.38	1.55	0.64	0.14	0.29
5895	48339	3066.03	8369.91	1450	97.06	1.98	0.71	0.08	0.17
5897	48341	3066.36	8367.43	1450	96.98	2.03	0.66	0.11	0.22
5899	48343	3066.69	8364.95	1450	97.12	1.82	0.78	0.09	0.19
5901	48345	3069.08	8365.28	1450	96.42	2.31	0.97	0.10	0.20

5903	48347	3068.75	8367.77	1450	94.19	4.23	1.15	0.14	0.29
5905	48349	3068.43	8370.25	1450	97.19	1.58	0.84	0.12	0.27
5907	48351	3068.10	8372.73	1450	97.07	1.72	0.70	0.17	0.34
5909	48353	3067.78	8375.22	1450	97.20	1.59	0.72	0.16	0.33
K12=817,1450									
28389900	48558	3020.38	8264.95	1450	95.48	2.92	0.53	0.28	0.79
9901	48559	3022.10	8265.70	1450	94.50	3.54	0.59	0.35	1.02
9902	48560	3023.82	8266.45	1450	85.74	11.20	0.63	0.60	1.83
9903	48561	3025.54	8267.20	1450	95.20	3.84	0.55	0.10	0.31
9904	48562	3027.26	8267.94	1450	96.75	2.28	0.68	0.08	0.21
9905	48563	3028.25	8266.04	1450	95.01	3.83	0.63	0.15	0.38
9906	48564	3026.49	8265.32	1450	97.55	1.68	0.54	0.06	0.17
9907	48565	3024.73	8264.60	1450	95.94	3.06	0.45	0.12	0.43
9908	48566	3022.97	8263.88	1450	96.93	2.21	0.46	0.09	0.31
9909	48567	3021.20	8263.15	1450	94.09	4.23	0.54	0.31	0.83
9910	48568	3020.23	8260.51	1450	96.36	2.59	0.48	0.14	0.43
9911	48569	3022.03	8261.36	1450	96.33	2.70	0.49	0.11	0.37
9912	48570	3023.83	8262.05	1450	95.74	2.98	0.58	0.13	0.57
9913	48571	3025.64	8262.75	1450	96.03	2.69	0.50	0.14	0.64
9914	48572	3027.44	8263.44	1450	96.92	2.04	0.61	0.09	0.34
9915	48573	3029.24	8264.13	1450	96.89	1.82	0.65	0.18	0.46
9916	48574	3030.23	8262.23	1450	96.87	2.01	0.74	0.10	0.28
9917	48575	3028.37	8261.42	1450	95.43	3.07	0.72	0.18	0.60
9918	48576	3026.53	8260.80	1450	96.36	2.72	0.54	0.05	0.33
9919	48577	3024.70	8260.18	1450	93.95	5.25	0.44	0.05	0.31
9920	48578	3022.86	8259.56	1450	97.51	1.73	0.47	0.06	0.23
9921	48579	3021.02	8258.67	1450	97.46	1.72	0.46	0.08	0.28
9922	48580	3023.60	8257.70	1450	88.77	9.80	0.54	0.18	0.71
9923	48581	3025.48	8258.34	1450	94.68	4.13	0.51	0.13	0.55
9924	48582	3027.36	8258.99	1450	95.40	3.65	0.55	0.07	0.33
9925	48583	3029.24	8259.63	1450	87.43	10.90	0.93	0.19	0.55
9926	48584	3031.12	8260.43	1450	96.67	1.85	0.63	0.23	0.62
9927	48585	3032.01	8258.63	1450	94.24	4.25	0.68	0.22	0.61
9928	48586	3030.10	8257.85	1450	97.18	1.79	0.68	0.09	0.26
9929	48587	3028.18	8257.18	1450	96.94	2.21	0.48	0.06	0.31
9930	48588	3026.26	8256.51	1450	96.40	2.51	0.72	0.07	0.30
9931	48589	3024.34	8255.84	1450	87.12	10.92	0.54	0.31	1.11
9932	48590	3022.48	8255.03	1450	86.44	10.89	0.60	0.49	1.58
9933	48591	3023.22	8253.22	1450	87.49	10.89	0.49	0.26	0.87
9934	48592	3025.09	8253.98	1450	93.32	5.92	0.47	0.05	0.24
9935	48593	3027.05	8254.67	1450	95.27	3.59	0.54	0.09	0.51
9936	48594	3029.01	8255.37	1450	97.12	1.71	0.77	0.09	0.31
9937	48595	3030.97	8256.06	1450	96.52	1.94	0.65	0.25	0.64
9938	48596	3032.90	8256.83	1450	96.59	1.91	0.68	0.22	0.60
9939	48597	3033.79	8255.03	1450	96.96	2.01	0.57	0.11	0.35
9940	48598	3031.83	8254.27	1450	86.24	10.91	0.73	0.51	1.61
9941	48599	3029.83	8253.55	1450	97.39	1.55	0.48	0.16	0.42
9942	48600	3027.83	8252.84	1450	95.27	3.57	0.46	0.15	0.55
9943	48601	3025.83	8252.12	1450	97.00	2.08	0.46	0.09	0.37
9944	48602	3023.95	8251.40	1450	92.90	5.91	0.47	0.11	0.61
K12=819,1450									
2839105	48708	3059.78	8300.47	1450	97.46	1.44	0.51	0.20	0.39
107	48710	3060.39	8297.51	1450	96.20	2.09	0.60	0.37	0.74
109	48712	3060.95	8294.55	1450	96.84	1.65	0.68	0.27	0.56
111	48714	3061.51	8291.60	1450	97.26	1.52	0.66	0.17	0.39
113	48716	3062.07	8288.64	1450	97.44	1.58	0.57	0.12	0.29
115	48718	3062.63	8285.69	1450	97.16	1.54	0.69	0.18	0.43
117	48720	3063.19	8282.73	1450	96.36	1.83	0.66	0.31	0.84
119	48722	3059.55	8282.23	1450	97.13	1.57	0.65	0.23	0.42

121	48724	3058.98	8285.21	1450	97.12	1.56	0.62	0.24	0.46
123	48726	3058.41	8288.20	1450	97.35	1.49	0.66	0.17	0.33
125	48728	3057.85	8291.19	1450	97.36	1.46	0.53	0.21	0.44
127	48730	3057.28	8294.18	1450	93.52	5.38	0.48	0.17	0.45
129	48732	3056.72	8297.16	1450	97.50	1.47	0.60	0.13	0.30
131	48734	3056.15	8300.15	1450	97.39	1.69	0.47	0.13	0.32
133	48736	3052.52	8299.83	1450	97.78	1.54	0.46	0.06	0.16
135	48738	3053.08	8296.81	1450	96.93	2.00	0.46	0.17	0.44
137	48740	3053.65	8293.80	1450	97.50	1.68	0.50	0.09	0.23
139	48742	3054.21	8290.78	1450	97.68	1.60	0.48	0.07	0.17
141	48744	3054.78	8287.76	1450	97.02	1.62	0.77	0.18	0.41
143	48746	3055.34	8284.74	1450	96.91	2.05	0.59	0.13	0.32
145	48748	3055.90	8281.72	1450	96.28	2.23	0.57	0.25	0.67
147	48750	3052.26	8281.22	1450	96.26	2.80	0.58	0.10	0.26
149	48752	3051.70	8284.27	1450	97.28	1.66	0.62	0.11	0.33
151	48754	3051.14	8287.32	1450	93.29	5.72	0.56	0.11	0.32
153	48756	3050.57	8290.37	1450	93.70	5.35	0.55	0.10	0.30
155	48758	3050.01	8293.42	1450	97.41	1.78	0.62	0.05	0.14
157	48760	3049.45	8296.46	1450	97.36	1.81	0.56	0.09	0.18
159	48762	3048.89	8299.51	1450	97.17	1.98	0.51	0.11	0.23
161	48764	3045.26	8299.19	1450	97.57	1.66	0.56	0.06	0.15
163	48766	3045.80	8296.17	1450	97.45	1.83	0.52	0.06	0.14
165	48768	3046.35	8293.15	1450	97.17	1.98	0.50	0.09	0.26
167	48770	3046.89	8290.13	1450	96.80	2.09	0.52	0.15	0.44
169	48772	3047.44	8287.11	1450	96.65	2.41	0.64	0.08	0.22
171	48774	3047.98	8284.09	1450	97.69	1.42	0.61	0.07	0.21
173	48776	3044.27	8283.92	1450	97.68	1.39	0.72	0.05	0.16
175	48778	3043.74	8286.95	1450	97.12	1.80	0.77	0.09	0.22
177	48780	3043.22	8289.97	1450	97.32	1.61	0.78	0.08	0.21
179	48782	3042.69	8293.00	1450	97.19	1.77	0.74	0.08	0.22
181	48784	3042.16	8296.03	1450	97.49	1.60	0.66	0.07	0.18
183	48786	3041.63	8298.88	1450	97.57	1.49	0.65	0.07	0.22
K12=825,1450									
28417211	49257	3081.10	8333.59	1450	94.81	3.51	1.09	0.21	0.38
7213	49259	3079.52	8333.19	1450	94.13	4.54	0.76	0.18	0.39
7215	49261	3078.94	8336.73	1450	96.78	1.67	0.86	0.21	0.48
7217	49263	3077.83	8340.00	1450	96.61	1.89	0.79	0.23	0.48
7219	49265	3074.68	8346.98	1450	96.88	1.32	0.73	0.26	0.81
7221	49267	3075.15	8343.34	1450	97.00	1.47	0.83	0.22	0.48
7223	49269	3075.62	8339.71	1450	96.81	1.75	0.79	0.21	0.44
7225	49271	3076.09	8336.08	1450	96.59	1.62	1.20	0.19	0.40
7227	49273	3076.61	8332.44	1450	97.12	1.65	0.73	0.17	0.33
7229	49275	3073.71	8331.69	1450	96.37	1.83	0.87	0.30	0.63
7231	49277	3073.19	8335.33	1450	96.25	1.53	1.00	0.39	0.83
7233	49279	3072.67	8338.97	1450	96.23	1.54	0.93	0.44	0.86
7235	49281	3072.16	8342.61	1450	96.71	1.60	0.73	0.34	0.62
7237	49283	3071.64	8346.25	1450	96.81	1.42	0.93	0.28	0.56
7239	49285	3068.72	8345.43	1450	97.01	1.41	1.13	0.14	0.31
7241	49287	3069.24	8341.81	1450	97.07	1.39	0.97	0.19	0.38
7243	49289	3069.76	8338.18	1450	96.46	1.80	0.79	0.29	0.66
7245	49291	3070.28	8334.55	1450	96.50	1.68	0.79	0.35	0.68
7247	49293	3070.79	8330.92	1450	96.20	1.92	0.89	0.26	0.73
7249	49295	3071.31	8327.30	1450	96.62	1.64	0.86	0.25	0.63
7251	49297	3074.22	8328.05	1450	96.47	2.03	0.75	0.24	0.51
7253	49299	3077.13	8328.80	1450	96.49	2.43	0.57	0.16	0.35
7255	49301	3080.03	8329.55	1450	96.77	1.88	0.99	0.13	0.23
7257	49303	3082.94	8330.30	1450	96.72	1.88	0.76	0.24	0.40
7259	49305	3065.79	8344.62	1450	97.39	1.34	0.69	0.22	0.36
7261	49307	3066.32	8341.00	1450	97.30	1.35	0.78	0.19	0.38

7263	49309	3066.84	8337.39	1450	97.51	1.47	0.73	0.09	0.20
7265	49311	3067.36	8333.78	1450	97.14	1.89	0.78	0.06	0.13
7267	49313	3067.89	8330.16	1450	96.73	1.56	1.08	0.19	0.44
7269	49315	3068.41	8326.55	1450	96.16	1.70	0.94	0.35	0.85
7271	49317	3065.50	8325.80	1450	96.87	1.58	0.86	0.21	0.48
7273	49319	3064.98	8329.40	1450	96.97	1.41	0.83	0.26	0.53
7275	49321	3064.45	8333.00	1450	96.92	1.55	0.79	0.26	0.48
7277	49323	3063.92	8336.60	1450	96.99	1.78	0.84	0.14	0.25
7279	49325	3063.40	8340.20	1450	97.08	1.58	0.72	0.22	0.40
7281	49327	3062.87	8343.80	1450	97.21	1.51	0.74	0.17	0.37
7283	49329	3059.95	8342.98	1450	96.96	2.02	0.74	0.09	0.19
7285	49331	3060.48	8339.39	1450	96.74	1.74	0.86	0.23	0.43
7287	49333	3061.01	8335.81	1450	96.89	1.65	0.61	0.29	0.56
7289	49335	3061.54	8332.22	1450	96.74	1.75	0.97	0.19	0.35
7291	49337	3062.07	8328.64	1450	97.10	1.70	0.91	0.12	0.17
7293	49339	3062.60	8325.05	1450	97.40	1.55	0.76	0.12	0.17
7295	49341	3059.69	8324.30	1450	97.72	1.41	0.62	0.10	0.15
7297	49343	3059.26	8327.90	1450	97.46	1.63	0.65	0.10	0.16
7299	49345	3058.83	8331.50	1450	97.14	1.81	0.70	0.12	0.23
7301	49347	3058.41	8335.10	1450	97.58	1.67	0.60	0.05	0.10
7303	49349	3057.98	8338.70	1450	96.66	2.02	1.01	0.10	0.21
7305	49351	3057.76	8341.79	1450	97.07	2.01	0.74	0.04	0.14
K12=827,1450									
28427401	49436	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	49438	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	49440	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	49442	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	49444	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	49446	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	49448	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	49450	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	49452	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	49454	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	49456	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	49458	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	49460	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	49462	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	49464	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	49466	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	49468	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	49470	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	49472	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	49474	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	49476	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	49478	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	49480	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	49482	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	49484	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	49486	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
K12=831,1450									
28437443	49751	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	49753	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	49755	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	49757	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	49759	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
7401	49800	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	49802	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	49804	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	49806	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46

7409	49808	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	49810	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	49812	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	49814	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	49816	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	49818	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	49820	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	49822	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	49824	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	49826	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	49828	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	49830	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	49832	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	49834	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	49836	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	49838	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	49840	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	49842	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	49844	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	49846	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	49848	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	49850	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
K12=834,1450									
28407451	50032	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
7401	50073	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	50075	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	50077	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	50079	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	50081	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	50083	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	50085	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	50087	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	50089	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	50091	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	50093	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	50095	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	50097	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	50099	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	50101	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	50103	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	50105	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	50107	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	50109	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	50111	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	50113	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	50115	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	50117	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	50119	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	50121	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	50123	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
K12=837,1450									
28447425	50279	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	50281	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	50283	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	50285	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	50287	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	50289	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	50291	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	50293	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29

7441	50295	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	50297	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	50299	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	50301	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	50303	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	50305	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
7401	50346	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	50348	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	50350	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	50352	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	50354	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	50356	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	50358	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	50360	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	50362	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	50364	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	50366	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	50368	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	50370	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	50372	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	50374	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
K12=841,1450									
28457421	50639	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	50641	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	50643	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	50645	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	50647	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	50649	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	50651	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	50653	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	50655	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	50657	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	50659	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	50661	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	50663	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	50665	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	50667	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	50669	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
7401	50710	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	50712	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	50714	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	50716	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	50718	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	50720	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	50722	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	50724	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	50726	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	50728	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	50730	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	50732	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	50734	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	50736	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	50738	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	50740	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	50742	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	50744	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	50746	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	50748	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	50750	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26

K12=845,1450									
28467429	51011	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	51013	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	51015	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	51017	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	51019	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	51021	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	51023	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	51025	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	51027	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	51029	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	51031	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	51033	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
7401	51074	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	51076	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	51078	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	51080	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	51082	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	51084	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	51086	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	51088	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	51090	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	51092	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	51094	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	51096	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	51098	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	51100	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	51102	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	51104	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	51106	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	51108	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	51110	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
K12=847,1450									
28477401	51165	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	51167	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	51169	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	51171	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	51173	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	51175	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	51177	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	51179	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	51181	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	51183	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	51185	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	51187	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	51189	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	51191	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	51193	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	51195	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	51197	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	51199	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	51201	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	51203	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	51205	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	51207	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	51209	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	51211	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	51213	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	51215	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34

7401	51256	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	51258	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	51260	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	51262	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	51264	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	51266	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	51268	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	51270	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	51272	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	51274	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	51276	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	51278	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	51280	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	51282	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	51284	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	51286	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
K12=850,1450									
28487431	51377	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	51379	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	51381	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	51383	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	51385	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	51387	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	51389	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	51391	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	51393	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	51395	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	51397	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
7401	51438	3038.58	8295.30	1450	97.38	1.72	0.58	0.09	0.23
7403	51440	3035.38	8294.12	1450	96.66	2.46	0.61	0.06	0.21
7405	51442	3032.17	8292.94	1450	96.84	2.13	0.54	0.14	0.35
7407	51444	3028.97	8291.75	1450	96.67	2.05	0.66	0.16	0.46
7409	51446	3028.13	8290.61	1450	96.46	2.49	0.54	0.13	0.38
7411	51448	3028.13	8288.78	1450	93.55	4.21	0.68	0.32	1.24
7413	51450	3029.81	8289.28	1450	96.21	2.57	0.57	0.16	0.49
7415	51452	3033.16	8290.16	1450	96.41	2.25	0.66	0.16	0.52
7417	51454	3036.51	8291.03	1450	96.51	2.29	0.75	0.11	0.34
7419	51456	3040.04	8291.95	1450	97.24	1.83	0.62	0.08	0.23
7421	51458	3041.50	8288.60	1450	97.44	1.72	0.64	0.06	0.14
7423	51460	3037.86	8287.66	1450	97.21	1.85	0.58	0.10	0.26
7425	51462	3034.35	8286.74	1450	96.91	2.07	0.69	0.06	0.27
7427	51464	3030.84	8285.82	1450	97.11	2.04	0.57	0.08	0.20
7429	51466	3029.19	8285.37	1450	96.35	2.78	0.55	0.07	0.25
7431	51468	3030.26	8281.96	1450	96.97	2.23	0.54	0.06	0.20
7433	51470	3031.87	8282.37	1450	95.95	2.81	0.62	0.16	0.46
7435	51472	3035.55	8283.32	1450	97.21	1.81	0.61	0.09	0.28
7437	51474	3039.22	8284.28	1450	97.48	1.81	0.57	0.03	0.11
7439	51476	3042.96	8285.25	1450	97.19	1.85	0.54	0.13	0.29
7441	51478	3046.88	8282.46	1450	97.30	1.65	0.71	0.08	0.26
7443	51480	3044.42	8281.90	1450	97.46	1.52	0.54	0.14	0.34
7445	51482	3040.58	8280.90	1450	96.74	2.25	0.56	0.13	0.32
7447	51484	3036.74	8279.91	1450	96.74	2.27	0.60	0.10	0.29
7449	51486	3032.90	8278.91	1450	91.37	7.14	0.67	0.23	0.59
7451	51488	3031.32	8278.54	1450	96.02	2.96	0.59	0.09	0.34
#SHOTS LISTED= 35 #BH LISTED= 1317									

COARSE ORE STOCKPILE

CRUSHER

POWER BUILDING

CRUSHED ORE STOCKPILES

WEIGH SCALE

LOWER HAUL ROAD

RECLAMATION TEST AREA

LOWER PIT #1

UPPER PIT ACCESS ROAD

LEGEND

= PIT OUTLINES
= ROADWAYS
= RECLAMATION
= WASTE DUMP AREA

+ = 1354 ELEV. SAMPLE #'
◇ = 1450 ELEV. SAMPLE #'

map scale

0 5 10 15 20 25 30 35

REVISIONS	No	DATE	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
06-28-99	ts		

BAYMAG MINES CO. LIMITED
MT. BRUSSILOF MAGNESITE MINE
BENCHES 1354 & 1450

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:500.M	

PLAN MAP - SAMPLE LOCATIONS
MAY 28, 1998 - APRIL 23, 1999

DRAWING NUMBER	RUN FILE NO.	
BHS-44.P99,BHS-28.P99	BHS122.99	FIGURE 5

BAY - 1

BAY - 3

BAY - 2

BAY - 4

BAY - 5

BAY - 6

BAY - 8

BAY - 10

BAY - 9

BAY - 12

MITCHELL RIVER

MINE GRID

ASSINIBOINE CREEK

CAMP

MINE GRID N

TRUE N

LEGEND

- PIT OUTLINES
- ROADWAYS
- MINERAL CLAIM BOUNDARIES
- MINE LEASE M-31 BOUNDARY
- RIVERS / CREEKS
- WASTE DUMP AREA
- OPEN PIT AREAS
- LEGAL CORNER POST

0 50 100 150 200 250 300

REVISIONS	No.	DATE	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
05-25-97			

BAYMAG MINES CO. LIMITED
MT. BRUSSILOF MAGNESITE MINE

MAP INDEX NUMBER	SCALE	DRAWING NUMBER

INDEX MAP 06-30-99
PITS RELATIVE TO LEASE

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
ASS122.99	1 : 5000	ASSESS99

FIGURE 6