Magnetic Survey of the R-Area Bingham Pump Outage Pits^(U)

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

Prepared for the U.S. Department of Energy under Contract No. DE-AC09-89SR18035

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R. J. Cumbest
Site Geotechnical Services

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Executive Summary

The R-Area Bingham Pump Outage pits are a series of parallel trenches in which construction materials were buried. The suspected locations of three of the trenches are marked by HP orange waste unit marker balls, in addition to concrete pit monuments that were placed based on historical information. In order to confirm the locations of the trenches and to evaluate the presence of other buried ferric material, a magnetic survey was conducted at the R-Area Bingham Pump Outage Pits. The survey is defined by lines spaced 10 ft apart oriented subperpendicular to the trench elongation direction, with survey stations spaced at 5-ft intervals along each line. This resulted in a 10-ft by 5-ft rectangular grid node pattern.

The magnetic survey resolved at least four linear arrays of magnetic field and gradient anomalies that result from buried ferric material. Three of the linear arrays correspond to suspected trench locations as delineated by HP orange marker balls and pit monuments. However, a fourth linear anomaly occurs between two of the suspected trenches, indicating the presence of an unmarked trench. In addition to linear anomalies that are associated with the trenches, other isolated anomalies occur due to ferric sources that can be identified on the surface, such as signs, monuments, and metal pipes.

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Introduction and Scope

Several of the reactor areas on Savannah River Site (Figure 1) have burial pits located outside their perimeters that contain miscellaneous construction equipment. The material contained in these trenches is a consequence of major modifications to the reactor's primary and secondary cooling water systems, and consists of such items as pipes, cables, ladders, drums, and boxes of miscellaneous hardware (see WSRC-RP-91-1203, 1994). During the modifications the reactors were offline and this period was called the Bingham Pump Outages. The trenches containing the construction material associated with the modifications are termed the Bingham Pump Outage Pits, although these pits do not contain the actual Bingham pumps.

The Bingham Pump Outage Pits for R Reactor are located outside of the perimeter fence on a small hill northeast of the facility (Figure 2). In order to confirm the locations and edges of the trenches and to identify other possible buried material in the area, a magnetic survey was conducted by the Site Geotechnical Services Department at the request of the Environmental Restoration Department during September 1994. The survey consisted of a grid over and in areas adjacent to the waste unit markers associated with the pit.

Magnetic Survey Concepts

The magnitude of the magnetic field measured near the Earth's surface is influenced by several factors. The main contribution to the total intensity is due to the internal magnetic field of the earth produced in the Earth's core. However, this field is modified by the solar wind of charged particles produced by electromagnetic activity on the Sun. This solar wind distorts the magnetic field produced by the Earth into a tear drop shape with the blunt end pointing toward the Sun. More importantly, the effect of the solar wind is to produce time variations in the total field. The Earth's rotation, in effect, introduces a diurnal variation with a 24-hour period. Also, superimposed on this well-defined 24-hour cycle are variations with no well-defined period, produced by the chaotic nature of the Sun's electromagnetic activity. Typically these variations manifest themselves as micropulsations of less than 10 nT, but significantly larger variations can be produced by magnetic storms on the Sun (i.e. sunspots). The net results of these variations is illustrated in Figure 3.

The Earth's magnetic field is also modified by features near the surface that produce localized spatial variations,

or anomalies, in the field intensity. The use of magnetic techniques in searching for buried metallic objects is a consequence of the ability of iron and iron alloys to cause relatively large amplitude anomalies. These anomalies are produced by two effects. Some materials have properties that allow them to become magnetized in the presence of an external magnetic field. This process is called induction. The external magnetic field is the inducing field, and the field produced by the material is the induced field. The total field (B) now becomes the sum of the inducing external field (H) and the field produced by the material (H'). This relationship can be expressed:

$$B = H + H'$$

In addition, some materials possess a magnetic field independent of any external source. This field is typically acquired during the history of the material, and is called remnant magnetization. For most magnetic survey applications the magnitude of the induced field is assumed to be much greater than the remnant magnetization. This assumption has been shown to be valid in the specific case of standard 55-gallon metal drums (see Gilkeson and others, 1992).

In reality, magnetic fields always are manifest as dipoles; that is, north and south magnetic poles occur in pairs to produce dipole fields. Field line diagrams of dipole and monopole fields are presented in Figure 4. In this type of representation, the density of the field lines is proportional to the field magnitude. To a first approximation, the magnetic field produced near the Earth's core can be considered a single dipole, with magnetic field lines impinging the surface of the Earth at 90 degrees at the north and south magnetic poles, and being parallel to the surface of the Earth at the magnetic equators.

The geometric relationship of the magnetic field lines to the geographic poles is expressed by magnetic declination and inclination. Declination describes the angular relationship of the component of the field line parallel to the surface of the Earth, to geographic north. The magnetic inclination expresses the angular relationship between the magnetic field lines and the horizontal (see Figure 5). Although these angular relationships change slowly, due to poorly understood long term variations, the declination in the vicinity of SRS is about 4 degrees to the west and the inclination about 65 degrees.

Although inducing bodies usually possess highly irregular shapes and sizes, they can be usefully modeled as dipoles or arrays of dipoles. In some instances, if the area of consideration is near one end of a dipole relative to the dipole separation, the local field can be considered to be pro-

duced by a single pole, and approximates monopole behavior. The anomalous fields produced by a dipole and monopole for a magnetic inclination of 60 degrees in the northern hemisphere (i.e., conditions very similar to SRS) and their resultant effect on the total magnetic field measured near the body are illustrated in Figure 4. Note that the anomalous field lines on the north side of the dipole are opposite in sense to the ambient field, therefore reducing the field strength in this location. In contrast, the anomalous field lines on the south side are in the same sense, resulting in an increased field strength. The monopole exhibits similar behavior although not as extreme. This phenomena explains the asymmetrical magnetic highs and lows produced by inducing bodies at mid-latitudes on the Earth. Figure 6 illustrates typical magnetic profiles that would be observed at the latitude of SRS over monopoles and dipoles, in addition to a generalized contour representation of a dipole, with illustrative profiles across the contours.

Generalized magnetic field intensity profiles across more complicated shapes, for an inclination of 60 degrees, are illustrated in Figure 7. These profiles all exhibit the typical asymmetrical signatures along the north-south profiles, with magnetic highs occurring over southern portions of the bodies.

The previous discussion has been presented in the context of the intensity of the total magnetic field. However, another measurement that can be very useful in interpreting magnetic anomalies is the vertical magnetic gradient, which changes much more rapidly with distance than the total field. This effect results in edge-enhancement of anomalies and more effective anomaly separation (see Figure 8). The vertical magnetic gradient can be determined by making measurements of the total magnetic intensity at two known elevations. The vertical gradient is then determined by the difference between the two measurements, divided by their separation. The two measurements can be made by a single sensor instrument by moving the sensor between the two measurements, or by an instrument with two separated sensors.

To conduct a magnetic survey, magnetic data are collected at discrete intervals either along a traverse or over two-dimensional (2-D) grid. In practice, data for 2-D grids are usually collected as multiple traverses. Traverse data can be conveniently displayed as magnetic intensity profiles. Two-dimensional grid data are usually contoured and displayed as contour diagrams. Displayed in this fashion, these data can be qualitatively interpreted by comparing them with profiles or contours that would be predicted from bodies of known shape and size.

In addition to qualitative information, profiles and contour diagrams may also be used for quantitative analysis if the magnetic response of specific objects is known. Because of their widespread use in the past as containers for industrial materials, 55-gallon steel drums are commonly targeted during waste site characterization. Gilkeson and others (1992) evaluated the magnetic response from single and multiple drums buried at different depths. The magnetic response captured in a model calibrated from actual measurements on a 55-gallon drum. These anomalies were calculated for a total field intensity of 53220 nT and inclination of 70 degrees, conditions very similar to SRS.

Figure 9 models total field and vertical gradient profiles over a single drum, in vertical position, with the drum top at different depths below the sensor. If single, deeply buried drums are the target, these profiles make clear the need to locate the sensor near the ground surface in order to minimize the distance between the sensor and drum. For sensor-drum distances greater than about 20 ft the anomaly amplitude has decreased to values that may not be discernible from noise.

Figure 10 illustrates the contour of an anomaly for a single drum with its top located 100 ft below the sensor. Figure 10 also shows the station locations of a typical 5-ft by 5-ft grid over the anomaly. Note that using a 20-ft by 20-ft grid may fail to detect the anomaly at all, and that a poorly placed 10-ft by 10-ft grid would only provide a maximum amplitude of 25 nT. This amplitude may not be discernible from noise and, at best, would offer poor resolution concerning the drum location.

Figure 11 shows the contour of a total field magnetic anomaly for a cache of five drums in a 12-ft by 12-ft area with the drum tops 10 ft below the sensor. Note again that a 20-ft by 20-ft grid may fail to detect the anomaly. A 10-ft by 10-ft grid would crudely resolve the anomaly. However, Gilkeson and other's (1992) demonstrated that at a depth of 10 ft, if the center drum were removed the drums on the corners would be resolved into individual anomalies. If this type of information is required from the magnetic survey, then 5-ft grid node separations would be needed to fully resolve the individual anomalies associated with each drum.

In addition to the above considerations, other factors enter into the design of an effective magnetic survey. Although smaller grid spacings allow better resolution of anomalies they are also labor intensive. Placing the sensor near the ground makes it much more sensitive to small, shallow sources, such as metallic trash or magnetite variations in the soil. This is especially a problem for gradiometer surveys because the effect is amplified. In addition, gradiom-

eters are most effective when the sensor separation is one-fifth less the distance to the target. If the sensors are placed near the ground, this condition may not be met for shallow target. Careful consideration of what information is needed from the magnetic survey, and the resources available, will determine which aspects discussed above are most important.

Description of Survey Site

A planimetric map of the R-Area Bingham Pump Outage Waste Unit is presented in Figure 12. The waste unit, as delineated by the HP Waste Unit marker balls, and the immediately surrounding area, is a relatively flat grassy area bordered on all sides by pine forest.

The most prominent objects in the survey area are twelve orange HP waste unit marker balls that occur in rectangular patterns that delineate the corners of suspected burial trenches. Also, 6 concrete posts (monuments) occur between the orange HP marker balls near the end of each rectangular area. These monuments presumably mark the centerlines of the suspected trenches. In addition to these objects, large metal signs occur at each end of the suspected trenches, and several smaller, metal "Underground Radiation" signs occur along the margins of the waste unit. In some locations metal objects, such as rebar and iron rails, can be seen protruding from the suspected trench locations. Also, a pile of metal pipes can be seen at the western edge of the survey area.

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Magnetic Survey

Survey and Analytical Techniques

The grid established for the magnetic survey of the R-Area Bingham Pump Outage Pits (see Figure 13) is defined by survey lines spaced 10 ft apart and oriented subperpendicular to the trench elongation direction to allow maximum resolution of the trench boundaries. Measurements were taken at 5-ft intervals along the survey lines to yield a 5-ft by 10-ft rectangular grid node pattern. The grid is located to give coverage to the area enclosed by and outside of the waste unit marker balls. In addition, the magnetic survey grid was extended to the wooded area to the northeast of the waste unit to investigate an area that appeared to be suspect, based on aerial photography and previously acquired radar data. The grid station locations were established using a transit to mark 90-degree angles, and a measuring tape marked at 5-ft intervals to determine distances.

Magnetic data were collected with an EG&G Geometrics G-856 Gradiometer, with the top sensor at 1.22 meters (4 ft) from ground level and the bottom sensor 0.61 meters (2 ft) from ground level. This configuration places the sensors near the ground to maximize the sensitivity to small near-surface or deeply-buried objects. This instrument has a nominal accuracy of 0.1 nT. However, high magnetic gradients (>600 nT/m) sharply degrade the signal. In most cases, this degradation deteriorates the accuracy to 1 nT. More severe degradation can result in significant accuracy losses, resulting in poor data very near large metallic objects. As a quality assurance/quality control check, and to determine diurnal variations, a single station was occupied several times during the survey.

The data were downloaded from the magnetometer through a RS-232 port to an IBM PC Model 80. After downloading, the data were assigned coordinates and diurnal corrected with MAGLOC, software provided by EG&G. Further data display and processing, including gridding and contouring were accomplished with software provided by GEOSOFT Inc. Data gridding was accomplished with BIGRID, which is specifically designed to grid line data and enhance trends. The data were filtered with a 20-ft low pass filter along each traverse line before gridding. This allowed very effective attenuation of wavelengths of 5 ft or less in the data in the traverse direction. Magnetic gradients were calculated by subtracting the top sensor reading from the bottom sensor reading and dividing by their separation. Since the top and bottom sensor readings are taken at a relatively short time scale (approx-

mately 3 seconds) relative to diurnal variations, the gradient is calculated from the data before diurnal correction. The data for the survey along with daily diurnal variations are tabulated in the Appendix A.

Magnetic Data Set

The magnetic survey data are displayed in Figures 14 to 16. Magnetic field and gradient anomalies occur in areas on and near the HP waste unit marker balls, the monuments, the metal signs, and other metal objects that can be seen on the surface. However, the most prominent magnetic features occur as four, parallel, linear arrays of anomalies aligned with the long dimension of the waste unit. Three of these linear arrays fall within the suspected trench boundaries as defined by the HP Waste unit marker balls and the presence of centerline monuments. The linear anomaly arrays marked by the HP waste unit markers consist of two short arrays (approximately 300 ft long) and a longer array to the northeast of the short arrays that is approximately 500 ft long.

The fourth linear array of magnetic anomalies falls in the interval between the northwestern-most linear array and the linear array marked by the HP waste unit markers in the middle. Several of the anomalies defining the arrays exhibit very high magnetic field gradients in localized areas.

The area investigated by the magnetic survey to the northeast of the waste unit (the area northeast of the long trench) contains several isolated, small, low amplitude anomalies. However, these anomalies are significantly smaller than the anomalies associated with the linear arrays.

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Discussion and Conclusions

The magnetic survey of the R-Area Bingham Pump Outage Pits indicates the presence of four linear arrays of magnetic field and gradient anomalies. The discontinuous nature of the anomalies that compose the linear arrays, in addition to the linear geometry of their arrangement, is consistent with the presence of ferric objects and groups of objects buried in trenches. Based on the vertical gradient data, the inferred approximate boundaries of the four trenches associated with the linear arrays are shown in Figure 17. Three of the trenches correspond closely with the locations defined by the HP orange waste unit marker balls and centerline monuments. However, the magnetic data indicate the presence of a fourth, unmarked trench of intermediate length that occurs parallel and adjacent to the longest trench. Power spectrum analyses of the anomalies indicate source depths of from 0 to 10 ft. The shallowest depth can be confirmed by the presence in several locations of metallic material protruding from the ground.

In addition to the linear anomaly arrays that are associated with the trenches, several isolated anomalies are present. Most of these anomalies can be attributed to ferric objects on the surface, such as metal signs, HP orange waste unit marker balls, and trench centerline monuments. Although investigation of the area northeast of the longest trench revealed several small isolated anomalies, indicating the presence of buried ferric material, the low amplitude and small size of these anomalies indicate that they do not represent objects of any significant size. These anomalies probably result from metallic trash near the surface, such as metal cans, etc. The data do not indicate that the trenches are present in this area.

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Figure 1. Location of Reactor Areas on SRS

Figure 2. Location of the R-Area Bingham Pump Outage Pits in relation to R-Area facility

Diurnal Variation

Micropulsations

Magnetic Storm

Figure 3. Typical temporal variations exhibited by the total magnetic field due to diurnal variation, micropulsations, and magnetic storms on the sun (adapted from Breiner, 1973)

Figure 4. Superposition of the Earth's ambient magnetic field and anomalous fields produced by monopoles and dipoles to produce anomalies in the total fields (adapted from Breiner, 1973)

Figure 5. The relationship of magnetic inclination and declination to geographic directions on the Earth (adapted from Telford and others, 1978)

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Figure 8. The intensity of the total magnetic field compared with the vertical gradient over a prismatic body (adapted from Breiner, 1973)

Figure 9. Model total field and vertical gradient magnetic profiles for single 55-gallon steel drums in vertical position with the top at various distances below the sensor. Profiles calculated for a total field intensity of 53220 nT and northern hemisphere inclination of 70 degrees (adapted from Gilkeson and others, 1992)

Figure 10. Contour representation of total field anomaly calculated for a single 55-gallon steel drum in vertical position with the top 10 ft below the sensor. Calculations based on the total field intensity of 53220 nT and northern hemisphere inclination of 70 degrees (adapted from Gilkeson and others, 1992)

Figure 11. Contour representation of cache of five steel 55-gallon drums in a 12-ft by 12-ft area with the top of the drums 10 ft below the sensor. Calculation based on a total field intensity of 53220 nT and northern hemisphere inclination of 70 degrees (adapted from Gilkeson and others, 1992)

Figure 12. Planimetric map of the R-Area Bingham Pump Outage Pits Magnetic Survey Area

Figure 13. Station locations for the R-Area Bingham Pump Outage Pits Magnetic Survey.
Station locations marked by “+”

Figure 14. Color contoured R-Area Bingham Pump Outage Pits magnetic survey diurnal corrected top sensor data

Figure 15. Color contoured R-Area Bingham Pump Outage Pits magnetic survey diurnal corrected bottom sensor data

Figure 16. Color contoured R-Area Bingham Pump Outage Pit magnetic survey vertical gradient data

Figure 17. Color contoured R-Area Bingham Pump Outage Pit magnetic survey vertical gradient data with inferred trench boundaries outlined

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**Appendix A—R-Area Bingham Pump Outage Pits
Magnetic Survey Data**

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Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
0	361	134114	10	590	0	51495.6	51495.6	0.0	51496.2	51496.2	0.0	0.3
0	361	134125	12	590	5	51502.7	51502.7	0.0	51499.0	51499.0	0.0	-1.9
0	361	134135	14	590	10	51504.6	51504.6	0.0	51501.0	51501.1	-0.1	-1.8
0	361	134145	16	590	15	51495.1	51495.1	0.0	51495.4	51495.5	-0.1	0.2
0	361	134154	18	590	20	51500.9	51500.9	0.0	51494.1	51494.2	-0.1	-3.4
0	361	134204	20	590	25	51494.9	51494.9	0.0	51498.9	51499.0	-0.1	2.0
0	361	134214	22	590	30	51494.4	51494.5	-0.1	51490.3	51490.4	-0.1	-2.1
0	361	134223	24	590	35	51489.7	51489.8	-0.1	51490.5	51490.6	-0.1	0.4
0	361	134233	26	590	40	51488.0	51488.1	-0.1	51487.5	51487.6	-0.1	-0.3
0	361	134243	28	590	45	51488.4	51488.5	-0.1	51487.1	51487.2	-0.1	-0.7
0	361	134253	30	590	50	51483.1	51483.2	-0.1	51483.4	51483.5	-0.1	0.2
0	361	134304	32	590	55	51467.5	51467.6	-0.1	51463.9	51464.0	-0.1	-1.8
0	361	134315	34	590	60	51427.8	51427.9	-0.1	51386.5	51386.7	-0.2	-20.7
0	361	134326	36	590	65	51464.4	51464.5	-0.1	51472.1	51472.3	-0.2	3.9
0	361	134337	38	590	70	51483.2	51483.3	-0.1	51428.8	51429.0	-0.2	-27.2
0	361	134347	40	590	75	51489.3	51489.4	-0.1	51482.2	51482.4	-0.2	-3.6
0	361	134357	42	590	80	51491.0	51491.1	-0.1	51482.6	51482.8	-0.2	-4.2
0	361	134408	44	590	85	51494.5	51494.6	-0.1	51486.6	51486.8	-0.2	-4.0
0	361	134419	46	590	90	51490.3	51490.4	-0.1	51483.5	51483.7	-0.2	-3.4
0	361	134430	48	590	95	51482.5	51482.6	-0.1	51476.5	51476.7	-0.2	-3.0
0	361	134441	50	590	100	51467.1	51467.2	-0.1	51414.9	51415.1	-0.2	-26.1
0	361	134451	52	590	105	51463.9	51464.0	-0.1	51373.4	51373.7	-0.3	-45.3
0	361	134504	54	590	110	51476.2	51476.4	-0.2	51342.2	51342.5	-0.3	-67.0
0	361	134514	56	590	115	51481.8	51482.0	-0.2	51362.2	51362.5	-0.3	-59.8
0	361	134525	58	590	120	51465.8	51466.0	-0.2	51402.3	51402.6	-0.3	-31.8
0	361	134536	60	590	125	51472.8	51473.0	-0.2	51418.7	51419.0	-0.3	-27.1
0	361	134549	62	590	130	51471.3	51471.5	-0.2	51422.3	51422.6	-0.3	-24.5
0	361	134600	64	590	135	51473.1	51473.3	-0.2	51444.4	51444.7	-0.3	-14.4
0	361	134611	66	590	140	51480.7	51480.9	-0.2	51470.4	51470.7	-0.3	-5.2
0	361	134622	68	590	145	51494.9	51495.1	-0.2	51500.4	51500.7	-0.3	2.8
0	361	134633	70	590	150	51503.5	51503.7	-0.2	51508.5	51508.9	-0.4	2.5
0	361	134644	72	590	155	51507.3	51507.5	-0.2	51520.9	51521.3	-0.4	6.8
0	361	134655	74	590	160	51511.9	51512.1	-0.2	51523.0	51523.4	-0.4	5.6
0	361	134705	76	590	165	51517.3	51517.5	-0.2	51524.2	51524.6	-0.4	3.5
0	361	134716	78	590	170	51524.2	51524.4	-0.2	51528.3	51528.7	-0.4	2.1
0	361	134725	80	590	175	51536.0	51536.2	-0.2	51531.7	51532.1	-0.4	-2.2
0	361	134735	82	590	180	51542.0	51542.2	-0.2	51537.4	51537.8	-0.4	-2.3
0	361	134745	84	590	185	51543.5	51543.8	-0.3	51532.0	51532.4	-0.4	-5.8
0	361	134755	86	590	190	51540.3	51540.6	-0.3	51529.1	51529.5	-0.4	-5.6
0	361	134804	88	590	195	51535.1	51535.4	-0.3	51523.6	51524.1	-0.5	-5.8
0	361	134814	90	590	200	51526.8	51527.1	-0.3	51510.5	51511.0	-0.5	-8.2
0	361	134824	92	590	205	51520.0	51520.3	-0.3	51516.6	51517.1	-0.5	-1.7
0	361	134839	94	590	210	51521.1	51521.4	-0.3	51505.4	51505.9	-0.5	-7.9
0	361	134848	96	590	215	51502.1	51502.4	-0.3	51497.9	51498.4	-0.5	-2.1
0	361	134859	98	590	220	51486.2	51486.5	-0.3	51495.6	51496.1	-0.5	4.7
0	361	134910	100	590	225	51480.2	51480.5	-0.3	51492.3	51492.8	-0.5	6.1
0	361	134921	102	590	230	51489.1	51489.4	-0.3	51521.7	51522.2	-0.5	16.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
1	361	135927	104	580	230	51459.5	51460.2	-0.7	51476.4	51477.6	-1.2	8.5
1	361	135937	106	580	225	51479.6	51480.3	-0.7	51488.4	51489.6	-1.2	4.4
1	361	135948	108	580	220	51512.3	51513.0	-0.7	51494.4	51495.6	-1.2	-9.0
1	361	140000	110	580	215	51524.0	51524.7	-0.7	51520.1	51521.3	-1.2	-2.0
1	361	140010	112	580	210	51551.6	51552.3	-0.7	51534.9	51536.1	-1.2	-8.4
1	361	140019	114	580	205	51597.9	51598.6	-0.7	51552.9	51554.1	-1.2	-22.5
1	361	140030	116	580	200	51506.9	51507.6	-0.7	51754.1	51755.3	-1.2	123.6
1	361	140042	118	580	195	51927.2	51927.9	-0.7	*	*	*	*
1	361	140053	120	580	190	51570.2	51570.9	-0.7	51546.9	51548.1	-1.2	-11.7
1	361	140104	122	580	185	51605.2	51605.9	-0.7	51606.8	51608.1	-1.3	0.8
1	361	140115	124	580	180	51603.8	51604.5	-0.7	51592.3	51593.6	-1.3	-5.8
1	361	140126	126	580	175	51590.9	51591.7	-0.8	51581.5	51582.8	-1.3	-4.7
1	361	140136	128	580	170	51575.6	51576.4	-0.8	51571.6	51572.9	-1.3	-2.0
1	361	140146	130	580	165	51558.7	51559.5	-0.8	51565.9	51567.2	-1.3	3.6
1	361	140156	132	580	160	51544.9	51545.7	-0.8	51543.9	51545.2	-1.3	-0.5
1	361	140206	134	580	155	51532.6	51533.4	-0.8	51529.0	51530.3	-1.3	-1.8
1	361	140216	136	580	150	51517.0	51517.8	-0.8	51524.8	51526.1	-1.3	3.9
1	361	140227	138	580	145	51507.7	51508.5	-0.8	51514.1	51515.4	-1.3	3.2
1	361	140237	140	580	140	51474.0	51474.8	-0.8	51478.5	51479.9	-1.4	2.3
1	361	140247	142	580	135	51336.3	51337.1	-0.8	51250.2	51251.6	-1.4	-43.1
1	361	140257	144	580	130	51102.0	51102.8	-0.8	*	*	*	*
1	361	140308	146	580	125	51601.9	51602.7	-0.8	50349.0	50350.4	-1.4	-626.5
1	361	140319	148	580	120	51502.5	51503.3	-0.8	51120.1	51121.5	-1.4	-191.2
1	361	140329	150	580	115	51810.2	51811.0	-0.8	*	*	*	*
1	361	140339	152	580	110	51323.8	51324.6	-0.8	50535.2	50536.6	-1.4	-394.3
1	361	140350	154	580	105	*	*	*	*	*	*	*
1	361	140401	156	580	100	51829.2	51830.0	-0.8	50008.9	50010.3	-1.4	-910.2
1	361	140412	158	580	95	51457.2	51458.1	-0.9	51324.6	51326.0	-1.4	-66.3
1	361	140427	160	580	90	51491.3	51492.2	-0.9	51469.6	51471.1	-1.5	-10.9
1	361	140439	162	580	85	51506.8	51507.7	-0.9	51493.8	51495.3	-1.5	-6.5
1	361	140449	164	580	80	51493.2	51494.1	-0.9	51504.7	51506.2	-1.5	5.8
1	361	140459	166	580	75	51458.1	51459.0	-0.9	51458.3	51459.8	-1.5	0.1
1	361	140509	168	580	70	51402.9	51403.8	-0.9	51058.8	51060.3	-1.5	-172.1
1	361	140521	170	580	65	51576.0	51576.9	-0.9	52035.7	52037.2	-1.5	229.9
1	361	140531	172	580	60	51475.2	51476.1	-0.9	51438.6	51440.1	-1.5	-18.3
1	361	140542	174	580	55	51482.2	51483.1	-0.9	51489.3	51490.8	-1.5	3.6
1	361	140552	176	580	50	51483.1	51484.0	-0.9	51501.4	51503.0	-1.6	9.2
1	361	140602	178	580	45	51483.8	51484.7	-0.9	51497.5	51499.1	-1.6	6.9
1	361	140612	180	580	40	51489.3	51490.2	-0.9	51499.8	51501.4	-1.6	5.3
1	361	140622	182	580	35	51495.9	51496.8	-0.9	51508.5	51510.1	-1.6	6.3
1	361	140631	184	580	30	51495.1	51496.0	-0.9	51509.6	51511.2	-1.6	7.3
1	361	140643	186	580	25	51496.0	51496.9	-0.9	51526.0	51527.6	-1.6	15.0
1	361	140654	188	580	20	51492.6	51493.6	-1.0	51519.4	51521.0	-1.6	13.4
1	361	140703	190	580	15	51489.6	51490.6	-1.0	51506.6	51508.2	-1.6	8.5
1	361	140714	192	580	10	51541.7	51542.7	-1.0	51577.1	51578.7	-1.6	17.7
1	361	140728	194	580	5	51603.6	51604.6	-1.0	51722.0	51723.7	-1.7	59.2
1	361	140738	196	580	0	51518.6	51519.6	-1.0	51527.9	51529.6	-1.7	4.7
2	361	141453	208	570	0	51494.4	51494.0	0.4	51506.0	51507.8	-1.8	5.8
2	361	141504	210	570	5	51468.2	51467.8	0.4	51447.9	51449.8	-1.9	-10.2

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
2	361	141513	212	570	10	51445.4	51445.0	0.4	51404.6	51406.5	-1.9	-20.4
2	361	141523	214	570	15	51493.7	51493.2	0.5	51504.1	51506.0	-1.9	5.2
2	361	141533	216	570	20	51520.2	51519.7	0.5	51516.9	51518.8	-1.9	-1.7
2	361	141542	218	570	25	51519.4	51518.9	0.5	51500.6	51502.5	-1.9	-9.4
2	361	141552	220	570	30	51511.5	51510.9	0.6	51493.7	51495.6	-1.9	-8.9
2	361	141603	222	570	35	51506.0	51505.4	0.6	51485.4	51487.3	-1.9	-10.3
2	361	141612	224	570	40	51493.1	51492.5	0.6	51478.1	51480.0	-1.9	-7.5
2	361	141621	226	570	45	51492.1	51491.4	0.7	51472.8	51474.7	-1.9	-9.7
2	361	141631	228	570	50	51488.2	51487.5	0.7	51469.8	51471.7	-1.9	-9.2
2	361	141640	230	570	55	51483.5	51482.8	0.7	51470.8	51472.7	-1.9	-6.4
2	361	141650	232	570	60	51488.6	51487.8	0.8	51474.2	51476.1	-1.9	-7.2
2	361	141659	234	570	65	51488.4	51487.6	0.8	51477.2	51479.1	-1.9	-5.6
2	361	141709	236	570	70	51489.0	51488.2	0.8	51479.8	51481.7	-1.9	-4.6
2	361	141720	238	570	75	51498.1	51497.2	0.9	51499.0	51500.9	-1.9	0.5
2	361	141729	240	570	80	51516.1	51515.2	0.9	51507.2	51509.1	-1.9	-4.5
2	361	141739	242	570	85	51534.3	51533.4	0.9	51514.8	51516.7	-1.9	-9.8
2	361	141748	244	570	90	51543.7	51542.7	1.0	51522.4	51524.3	-1.9	-10.7
2	361	141758	246	570	95	51554.7	51553.7	1.0	51521.2	51523.1	-1.9	-16.8
2	361	141808	248	570	100	51546.6	51545.6	1.0	51507.3	51509.2	-1.9	-19.7
2	361	141818	250	570	105	51545.8	51544.7	1.1	51500.5	51502.4	-1.9	-22.7
2	361	141828	252	570	110	51618.2	51617.1	1.1	51623.9	51625.8	-1.9	2.9
2	361	141838	254	570	115	51668.2	51667.1	1.1	51656.0	51657.9	-1.9	-6.1
2	361	141848	256	570	120	51663.0	51661.8	1.2	51646.8	51648.7	-1.9	-8.1
2	361	141857	258	570	125	51598.2	51597.0	1.2	51584.9	51586.8	-1.9	-6.7
2	361	141907	260	570	130	51521.4	51520.2	1.2	51524.0	51525.9	-1.9	1.3
2	361	141918	262	570	135	51504.0	51502.7	1.3	51565.4	51567.3	-1.9	30.7
2	361	141929	264	570	140	51498.6	51497.3	1.3	51426.6	51428.6	-2.0	-36.0
2	361	141940	266	570	145	51524.5	51523.2	1.3	51524.9	51526.9	-2.0	0.2
2	361	141951	268	570	150	51528.4	51527.0	1.4	51524.9	51526.9	-2.0	-1.8
2	361	142001	270	570	155	51544.5	51543.1	1.4	51527.6	51529.6	-2.0	-8.5
2	361	142011	272	570	160	51566.3	51564.9	1.4	51554.4	51556.4	-2.0	-6.0
2	361	142020	274	570	165	51596.6	51595.1	1.5	51570.2	51572.2	-2.0	-13.2
2	361	142030	276	570	170	51629.2	51627.7	1.5	51600.6	51602.6	-2.0	-14.3
2	361	142040	278	570	175	51675.3	51673.8	1.5	51646.2	51648.2	-2.0	-14.6
2	361	142053	280	570	180	51736.8	51735.2	1.6	51695.9	51697.9	-2.0	-20.5
2	361	142104	282	570	185	51764.3	51762.7	1.6	51713.9	51715.9	-2.0	-25.2
2	361	142114	284	570	190	51787.2	51785.5	1.7	51739.8	51741.8	-2.0	-23.7
2	361	142124	286	570	195	51787.1	51785.4	1.7	51746.3	51748.3	-2.0	-20.4
2	361	142135	288	570	200	51759.7	51758.0	1.7	51716.9	51718.9	-2.0	-21.4
2	361	142145	290	570	205	51734.1	51732.3	1.8	51669.0	51671.0	-2.0	-32.6
2	361	142155	292	570	210	51671.1	51669.3	1.8	51617.9	51619.9	-2.0	-26.6
2	361	142205	294	570	215	51606.7	51604.9	1.8	51562.8	51564.8	-2.0	-22.0
2	361	142215	296	570	220	51538.9	51537.0	1.9	51504.1	51506.1	-2.0	-17.4
2	361	142226	298	570	225	51499.3	51497.4	1.9	51463.6	51465.6	-2.0	-17.9
2	361	142236	300	570	230	51475.0	51473.1	1.9	51451.8	51453.8	-2.0	-11.6
3	361	142611	302	560	230	51427.5	51424.8	2.7	51383.6	51385.7	-2.1	-22.0
3	361	142623	304	560	225	51433.4	51430.7	2.7	51366.7	51368.8	-2.1	-33.4
3	361	142634	306	560	220	51501.7	51498.9	2.8	51363.1	51365.2	-2.1	-69.3
3	361	142646	308	560	215	51732.4	51729.6	2.8	51482.8	51484.9	-2.1	-124.8

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
3	361	142657	310	560	210	51947.0	51944.2	2.8	51755.4	51757.5	-2.1	-95.8
3	361	142708	312	560	205	52182.1	52179.2	2.9	52046.2	52048.3	-2.1	-88.0
3	361	142719	314	560	200	52347.2	52344.3	2.9	52118.3	52120.4	-2.1	-114.5
3	361	142729	316	560	195	52464.7	52461.8	2.9	52519.4	52521.5	-2.1	27.4
3	361	142740	318	560	190	52298.7	52295.7	3.0	52149.0	52151.1	-2.1	-74.9
3	361	142750	320	560	185	52072.8	52069.8	3.0	51757.4	51759.5	-2.1	-157.7
3	361	142801	322	560	180	52032.7	52029.6	3.1	52352.0	52354.1	-2.1	159.7
3	361	142811	324	560	175	51829.7	51826.6	3.1	51793.0	51795.1	-2.1	-18.4
3	361	142821	326	560	170	51706.5	51703.4	3.1	51669.8	51671.9	-2.1	-18.4
3	361	142831	328	560	165	51635.4	51632.2	3.2	51607.7	51609.9	-2.2	-13.9
3	361	142841	330	560	160	51592.2	51589.0	3.2	51563.2	51565.4	-2.2	-14.5
3	361	142851	332	560	155	51568.6	51565.4	3.2	51546.2	51548.4	-2.2	-11.2
3	361	142901	334	560	150	51550.3	51547.0	3.3	51524.5	51526.7	-2.2	-12.9
3	361	142910	336	560	145	51533.0	51529.7	3.3	51501.2	51503.4	-2.2	-15.9
3	361	142920	338	560	140	51523.6	51520.3	3.3	51488.9	51491.1	-2.2	-17.4
3	361	142930	340	560	135	51553.4	51550.0	3.4	51504.4	51506.6	-2.2	-24.5
3	361	142941	342	560	130	51756.8	51753.4	3.4	51930.7	51932.9	-2.2	87.0
3	361	143006	344	560	125	51943.8	51940.3	3.5	52115.0	52117.2	-2.2	85.6
3	361	143017	346	560	120	52075.9	52072.4	3.5	52244.2	52246.4	-2.2	84.2
3	361	143027	348	560	115	52173.5	52169.9	3.6	52350.5	52352.7	-2.2	88.5
3	361	143038	350	560	110	52240.6	52237.0	3.6	52455.0	52457.2	-2.2	107.2
3	361	143049	352	560	105	52146.9	52143.3	3.6	52366.8	52369.0	-2.2	110.0
3	361	143100	354	560	100	51811.0	51807.3	3.7	51808.3	51810.5	-2.2	-1.4
3	361	143110	356	560	95	51650.4	51646.7	3.7	51615.7	51617.9	-2.2	-17.4
3	361	143120	358	560	90	51586.9	51583.2	3.7	51544.5	51546.7	-2.2	-21.2
3	361	143129	360	560	85	51550.7	51546.9	3.8	51525.3	51527.5	-2.2	-12.7
3	361	143139	362	560	80	51527.3	51523.5	3.8	51515.4	51517.6	-2.2	-6.0
3	361	143149	364	560	75	51506.1	51502.3	3.8	51511.2	51513.4	-2.2	2.6
3	361	143159	366	560	70	51492.4	51488.5	3.9	51493.4	51495.6	-2.2	0.5
3	361	143209	368	560	65	51478.4	51474.5	3.9	51476.3	51478.5	-2.2	-1.1
3	361	143218	370	560	60	51459.2	51455.3	3.9	51459.6	51461.8	-2.2	0.2
3	361	143228	372	560	55	51454.6	51450.6	4.0	51423.8	51426.0	-2.2	-15.4
3	361	143238	374	560	50	51472.2	51468.2	4.0	51396.3	51398.5	-2.2	-38.0
3	361	143248	376	560	45	51513.5	51509.5	4.0	51416.9	51419.1	-2.2	-48.3
3	361	143259	378	560	40	51522.9	51518.8	4.1	51451.1	51453.4	-2.3	-35.9
3	361	143309	380	560	35	51536.2	51532.1	4.1	51462.0	51464.3	-2.3	-37.1
3	361	143319	382	560	30	51563.4	51559.3	4.1	51469.1	51471.4	-2.3	-47.2
3	361	143331	384	560	25	51580.9	51576.7	4.2	51482.9	51485.2	-2.3	-49.0
3	361	143341	386	560	20	51571.2	51567.0	4.2	51463.5	51465.8	-2.3	-53.9
3	361	143352	388	560	15	51554.5	51550.2	4.3	51495.9	51498.2	-2.3	-29.3
3	361	143402	390	560	10	51549.2	51544.9	4.3	51532.1	51534.4	-2.3	-8.6
3	361	143413	392	560	5	51532.8	51528.5	4.3	51535.9	51538.2	-2.3	1.6
3	361	143422	394	560	0	51525.8	51521.4	4.4	51525.1	51527.4	-2.3	-0.4
4	361	144429	406	550	0	51551.8	51546.5	5.3	51542.4	51543.0	-0.6	-4.7
4	361	144441	408	550	5	51582.1	51576.7	5.4	51551.1	51551.7	-0.6	-15.5
4	361	144452	410	550	10	51612.6	51607.2	5.4	51520.8	51521.3	-0.5	-45.9
4	361	144505	412	550	15	51741.3	51735.8	5.5	50868.4	50868.9	-0.5	-436.5
4	361	144518	414	550	20	*	*	*	*	*	*	*
4	361	144530	416	550	25	52306.3	52300.8	5.5	52074.9	52075.3	-0.4	-115.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
4	361	144542	418	550	30	52116.6	52111.1	5.5	52229.5	52229.9	-0.4	56.5
4	361	144553	420	550	35	51616.4	51610.9	5.5	51308.0	51308.4	-0.4	-154.2
4	361	144603	422	550	40	51830.8	51825.3	5.5	51646.1	51646.4	-0.3	-92.4
4	361	144613	424	550	45	52872.0	52866.4	5.6	52201.4	52201.7	-0.3	-335.3
4	361	144623	426	550	50	51475.7	51470.1	5.6	*	*	*	*
4	361	144634	428	550	55	51319.6	51314.0	5.6	51170.2	51170.4	-0.2	-74.7
4	361	144644	430	550	60	51419.8	51414.2	5.6	51382.8	51383.0	-0.2	-18.5
4	361	144654	432	550	65	51458.3	51452.7	5.6	51438.9	51439.1	-0.2	-9.7
4	361	144704	434	550	70	51486.1	51480.5	5.6	51471.2	51471.3	-0.1	-7.5
4	361	144714	436	550	75	51507.7	51502.0	5.7	51485.8	51485.9	-0.1	-11.0
4	361	144724	438	550	80	51526.4	51520.7	5.7	51476.3	51476.4	-0.1	-25.1
4	361	144734	440	550	85	51708.2	51702.5	5.7	51087.6	51087.6	0.0	-310.3
4	361	144744	442	550	90	51849.0	51843.3	5.7	*	*	*	*
4	361	144754	444	550	95	51624.6	51618.9	5.7	51514.6	51514.6	0.0	-55.0
4	361	144805	446	550	100	51805.4	51799.7	5.7	51708.7	51708.7	0.0	-48.4
4	361	144815	448	550	105	52191.6	52185.8	5.8	52236.6	52236.5	0.1	22.5
4	361	144826	450	550	110	52694.9	52689.1	5.8	*	*	*	*
4	361	144837	452	550	115	52083.5	52077.7	5.8	51943.6	51943.5	0.1	-70.0
4	361	144847	454	550	120	51973.1	51967.3	5.8	51959.6	51959.4	0.2	-6.8
4	361	144900	456	550	125	52033.2	52027.4	5.8	53326.4	53326.2	0.2	646.6
4	361	144911	458	550	130	51750.9	51745.1	5.8	50760.1	50759.9	0.2	-495.4
4	361	144923	460	550	135	51543.2	51537.3	5.9	51391.2	51390.9	0.3	-76.0
4	361	144933	462	550	140	51621.5	51615.6	5.9	51474.3	51474.0	0.3	-73.6
4	361	144944	464	550	145	51666.2	51660.3	5.9	51537.5	51537.2	0.3	-64.4
4	361	144954	466	550	150	51626.9	51621.0	5.9	51546.1	51545.7	0.4	-40.4
4	361	145004	468	550	155	51614.4	51608.5	5.9	51556.2	51555.8	0.4	-29.1
4	361	145013	470	550	160	51623.8	51617.9	5.9	51574.2	51573.8	0.4	-24.8
4	361	145023	472	550	165	51669.9	51663.9	6.0	51604.4	51603.9	0.5	-32.8
4	361	145031	474	550	170	51757.7	51751.7	6.0	51685.5	51685.0	0.5	-36.1
4	361	145040	476	550	175	51910.9	51904.9	6.0	51816.2	51815.7	0.5	-47.4
4	361	145051	478	550	180	52210.6	52204.6	6.0	52012.6	52012.1	0.5	-99.0
4	361	145102	480	550	185	52898.2	52892.2	6.0	51910.9	51910.3	0.6	-493.7
4	361	145111	482	550	190	45499.2	45493.2	6.0	*	*	*	*
4	361	145121	484	550	195	54118.6	54112.5	6.1	53977.8	53977.2	0.6	-70.4
4	361	145131	486	550	200	55138.5	55132.4	6.1	52043.6	52042.9	0.7	-1547.5
4	361	145141	488	550	205	53964.5	53958.4	6.1	54389.2	54388.5	0.7	212.4
4	361	145151	490	550	210	52626.5	52620.4	6.1	51659.9	51659.2	0.7	-483.3
4	361	145201	492	550	215	43301.4	43295.3	6.1	*	*	*	*
4	361	145212	494	550	220	50906.4	50900.3	6.1	49998.2	49997.4	0.8	-454.1
4	361	145222	496	550	225	51217.9	51211.8	6.1	51099.4	51098.6	0.8	-59.3
4	361	145232	498	550	230	51312.7	51306.5	6.2	51258.1	51257.2	0.9	-27.3
5	361	145641	500	540	230	51177.3	51170.7	6.6	51135.3	51133.7	1.6	-21.0
5	361	145652	502	540	225	51120.3	51113.7	6.6	51049.0	51047.4	1.6	-35.7
5	361	145708	504	540	220	51093.6	51087.0	6.6	50923.0	50921.3	1.7	-85.3
5	361	145719	506	540	215	51290.8	51284.2	6.6	50951.7	50950.0	1.7	-169.6
5	361	145731	508	540	210	52163.8	52157.2	6.6	51593.2	51591.4	1.8	-285.3
5	361	145742	510	540	205	54464.7	54458.0	6.7	54793.3	54791.5	1.8	164.3
5	361	145753	512	540	200	*	*	*	*	*	*	*
5	361	145804	514	540	195	*	*	*	52064.1	52062.2	1.9	*

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
5	361	145815	516	540	190	55651.7	55645.0	6.7	54800.1	54798.2	1.9	-425.8
5	361	145825	518	540	185	53510.6	53503.9	6.7	53668.7	53666.8	1.9	79.1
5	361	145836	520	540	180	52488.3	52481.6	6.7	52392.6	52390.7	1.9	-47.9
5	361	145846	522	540	175	51945.3	51938.5	6.8	51860.2	51858.2	2.0	-42.6
5	361	145857	524	540	170	51714.4	51707.6	6.8	51644.4	51642.4	2.0	-35.0
5	361	145907	526	540	165	51616.1	51609.3	6.8	51543.8	51541.8	2.0	-36.2
5	361	145917	528	540	160	51659.8	51653.0	6.8	51565.7	51563.6	2.1	-47.1
5	361	145927	530	540	155	51779.1	51772.3	6.8	51755.1	51753.0	2.1	-12.0
5	361	145938	532	540	150	51899.5	51892.7	6.8	51780.0	51777.9	2.1	-59.8
5	361	145948	534	540	145	52197.4	52190.5	6.9	52225.1	52222.9	2.2	13.9
5	361	145959	536	540	140	52235.4	52228.5	6.9	52582.9	52580.7	2.2	173.8
5	361	150009	538	540	135	51809.2	51802.3	6.9	51677.3	51675.1	2.2	-66.0
5	361	150020	540	540	130	51614.3	51607.4	6.9	51431.3	51429.0	2.3	-91.5
5	361	150030	542	540	125	51539.5	51532.6	6.9	51147.8	51145.5	2.3	-195.9
5	361	150041	544	540	120	51765.6	51758.7	6.9	51633.7	51631.4	2.3	-66.0
5	361	150051	546	540	115	51970.3	51963.3	7.0	51902.0	51899.6	2.4	-34.2
5	361	150100	548	540	110	51996.4	51989.4	7.0	51939.2	51936.8	2.4	-28.6
5	361	150111	550	540	105	51909.5	51902.5	7.0	51769.3	51766.9	2.4	-70.1
5	361	150121	552	540	100	51808.2	51801.2	7.0	51727.0	51724.6	2.4	-40.6
5	361	150131	554	540	95	51725.4	51718.4	7.0	51680.8	51678.3	2.5	-22.3
5	361	150140	556	540	90	51643.6	51636.6	7.0	51614.5	51612.0	2.5	-14.6
5	361	150149	558	540	85	51589.8	51582.8	7.0	51565.5	51563.0	2.5	-12.2
5	361	150159	560	540	80	51546.0	51538.9	7.1	51527.6	51525.0	2.6	-9.2
5	361	150208	562	540	75	51511.4	51504.3	7.1	51493.5	51490.9	2.6	-9.0
5	361	150218	564	540	70	51471.5	51464.4	7.1	51461.7	51459.1	2.6	-4.9
5	361	150227	566	540	65	51438.0	51430.9	7.1	51423.9	51421.3	2.6	-7.1
5	361	150236	568	540	60	51391.4	51384.3	7.1	51370.5	51367.8	2.7	-10.5
5	361	150246	570	540	55	51337.8	51330.7	7.1	51287.5	51284.8	2.7	-25.2
5	361	150256	572	540	50	51327.2	51320.0	7.2	51185.5	51182.8	2.7	-70.9
5	361	150307	574	540	45	51605.1	51597.9	7.2	51517.0	51514.2	2.8	-44.1
5	361	150317	576	540	40	52116.7	52109.5	7.2	52697.0	52694.2	2.8	290.2
5	361	150328	578	540	35	52052.5	52045.3	7.2	52134.5	52131.7	2.8	41.0
5	361	150338	580	540	30	52050.6	52043.4	7.2	*	*	*	*
5	361	150351	582	540	25	52982.4	52975.2	7.2	*	*	*	*
5	361	150401	584	540	20	52522.1	52514.8	7.3	52731.5	52728.6	2.9	104.7
5	361	150414	586	540	15	51964.1	51956.8	7.3	51889.4	51886.4	3.0	-37.4
5	361	150424	588	540	10	51748.1	51740.8	7.3	51701.9	51698.9	3.0	-23.1
5	361	150435	590	540	5	51641.0	51633.7	7.3	51609.2	51606.2	3.0	-15.9
5	361	150447	592	540	0	51581.4	51574.1	7.3	51560.8	51557.7	3.1	-10.3
6	361	150923	604	530	0	51581.1	51573.4	7.7	51566.7	51563.4	3.3	-7.2
6	361	150935	606	530	5	51654.4	51646.6	7.8	51626.9	51623.5	3.4	-13.8
6	361	150946	608	530	10	51788.3	51780.5	7.8	51729.3	51725.9	3.4	-29.5
6	361	150957	610	530	15	52088.6	52080.7	7.9	52029.0	52025.6	3.4	-29.8
6	361	151008	612	530	20	52649.7	52641.8	7.9	52895.1	52891.7	3.4	122.7
6	361	151019	614	530	25	52981.5	52973.6	7.9	53983.6	53980.1	3.5	501.1
6	361	151030	616	530	30	52257.6	52249.7	7.9	52181.6	52178.1	3.5	-38.0
6	361	151040	618	530	35	51859.8	51851.9	7.9	51617.6	51614.1	3.5	-121.1
6	361	151051	620	530	40	51874.1	51866.2	7.9	52356.2	52352.7	3.5	241.1
6	361	151101	622	530	45	51351.5	51343.5	8.0	51013.1	51009.6	3.5	-169.2

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
6	361	151111	624	530	50	51197.4	51189.4	8.0	50972.8	50969.3	3.5	-112.3
6	361	151121	626	530	55	51289.0	51281.0	8.0	51217.9	51214.4	3.5	-35.6
6	361	151131	628	530	60	51365.1	51357.1	8.0	51328.5	51325.0	3.5	-18.3
6	361	151141	630	530	65	51416.4	51408.4	8.0	51391.7	51388.2	3.5	-12.4
6	361	151150	632	530	70	51465.8	51457.8	8.0	51441.1	51437.6	3.5	-12.4
6	361	151200	634	530	75	51513.5	51505.4	8.1	51489.7	51486.2	3.5	-11.9
6	361	151209	636	530	80	51577.6	51569.5	8.1	51545.2	51541.6	3.6	-16.2
6	361	151218	638	530	85	51665.0	51656.9	8.1	51621.7	51618.1	3.6	-21.7
6	361	151227	640	530	90	51780.2	51772.1	8.1	51746.3	51742.7	3.6	-17.0
6	361	151236	642	530	95	51971.5	51963.4	8.1	51941.0	51937.4	3.6	-15.3
6	361	151247	644	530	100	52248.8	52240.7	8.1	52260.6	52257.0	3.6	5.9
6	361	151257	646	530	105	52610.6	52602.4	8.2	52770.9	52767.3	3.6	80.2
6	361	151307	648	530	110	52957.7	52949.5	8.2	53309.7	53306.1	3.6	176.0
6	361	151318	650	530	115	53078.6	53070.4	8.2	53383.0	53379.4	3.6	152.2
6	361	151328	652	530	120	53042.8	53034.6	8.2	53545.9	53542.3	3.6	251.6
6	361	151339	654	530	125	52698.3	52690.1	8.2	52964.5	52960.9	3.6	133.1
6	361	151349	656	530	130	52173.0	52164.8	8.2	51942.4	51938.8	3.6	-115.3
6	361	151400	658	530	135	52123.5	52115.2	8.3	51934.1	51930.5	3.6	-94.7
6	361	151411	660	530	140	52632.1	52623.8	8.3	52934.3	52930.6	3.7	151.1
6	361	151422	662	530	145	52751.4	52743.1	8.3	54079.9	54076.2	3.7	664.3
6	361	151433	664	530	150	52286.4	52278.1	8.3	52337.1	52333.4	3.7	25.4
6	361	151445	666	530	155	51762.4	51754.1	8.3	51698.3	51694.6	3.7	-32.1
6	361	151456	668	530	160	51643.0	51634.6	8.4	51719.2	51715.5	3.7	38.1
6	361	151506	670	530	165	51514.2	51505.8	8.4	51446.6	51442.9	3.7	-33.8
6	361	151516	672	530	170	51460.0	51451.6	8.4	51332.6	51328.9	3.7	-63.7
6	361	151526	674	530	175	51550.4	51542.0	8.4	51329.5	51325.8	3.7	-110.5
6	361	151537	676	530	180	51866.4	51858.0	8.4	51714.2	51710.5	3.7	-76.1
6	361	151547	678	530	185	52531.8	52523.4	8.4	52509.9	52506.2	3.7	-11.0
6	361	151558	680	530	190	53599.5	53591.0	8.5	54310.9	54307.1	3.8	355.7
6	361	151609	682	530	195	55107.0	55098.5	8.5	•	*	•	*
6	361	151620	684	530	200	54515.3	54506.8	8.5	•	•	*	•
6	361	151631	686	530	205	52462.4	52453.9	8.5	52737.8	52734.0	3.8	137.7
6	361	151642	688	530	210	51076.2	51067.7	8.5	50587.1	50583.3	3.8	-244.6
6	361	151652	690	530	215	50742.2	50733.6	8.6	50415.8	50412.0	3.8	-163.2
6	361	151703	692	530	220	50790.8	50782.2	8.6	50627.3	50623.5	3.8	-81.8
6	361	151713	694	530	225	50943.3	50934.7	8.6	50851.9	50848.1	3.8	-45.7
6	361	151723	696	530	230	51056.1	51047.5	8.6	51017.0	51013.2	3.8	-19.6
7	361	152057	698	520	230	50964.4	50955.4	9.0	50961.6	50957.6	4.0	-1.4
7	361	152108	700	520	225	50800.6	50791.6	9.0	50782.1	50778.1	4.0	-9.3
7	361	152118	702	520	220	50508.2	50499.2	9.0	50416.4	50412.4	4.0	-45.9
7	361	152129	704	520	215	50087.8	50078.8	9.0	49861.3	49857.3	4.0	-113.3
7	361	152140	706	520	210	49571.3	49562.3	9.0	49139.0	49134.9	4.1	-216.2
7	361	152150	708	520	205	48950.7	48941.6	9.1	48076.2	48072.1	4.1	-437.3
7	361	152200	710	520	200	48945.4	48936.3	9.1	•	*	•	*
7	361	152210	712	520	195	49983.3	49974.2	9.1	49117.9	49113.8	4.1	-432.7
7	361	152220	714	520	190	50619.3	50610.2	9.1	50420.6	50416.5	4.1	-99.4
7	361	152230	716	520	185	50919.6	50910.5	9.1	50754.5	50750.4	4.1	-82.6
7	361	152240	718	520	180	51010.8	51001.6	9.2	50849.5	50845.4	4.1	-80.7
7	361	152250	720	520	175	51057.7	51048.5	9.2	50909.6	50905.5	4.1	-74.1

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
7	361	152301	722	520	170	51179.1	51169.9	9.2	51060.3	51056.2	4.1	-59.4
7	361	152310	724	520	165	51255.0	51245.8	9.2	51269.7	51265.6	4.1	7.4
7	361	152321	726	520	160	51084.1	51074.9	9.2	50760.9	50756.8	4.1	-161.6
7	361	152331	728	520	155	51065.0	51055.8	9.2	50242.4	50238.2	4.2	-411.3
7	361	152342	730	520	150	51675.8	51666.5	9.3	51241.3	51237.1	4.2	-217.3
7	361	152352	732	520	145	52616.6	52607.3	9.3	53300.8	53296.6	4.2	342.1
7	361	152403	734	520	140	52618.3	52609.0	9.3	52962.2	52958.0	4.2	172.0
7	361	152413	736	520	135	52090.9	52081.6	9.3	51807.7	51803.5	4.2	-141.6
7	361	152423	738	520	130	52136.1	52126.8	9.3	51773.0	51768.8	4.2	-181.6
7	361	152433	740	520	125	52804.0	52794.7	9.3	53159.6	53155.4	4.2	177.8
7	361	152443	742	520	120	52851.6	52842.2	9.4	52741.8	52737.6	4.2	-54.9
7	361	152454	744	520	115	53077.9	53068.5	9.4	53165.2	53161.0	4.2	43.7
7	361	152504	746	520	110	53615.2	53605.8	9.4	54433.0	54428.8	4.2	408.9
7	361	152514	748	520	105	53442.1	53432.7	9.4	54180.0	54175.8	4.2	369.0
7	361	152525	750	520	100	52789.7	52780.3	9.4	52952.5	52948.2	4.3	81.4
7	361	152535	752	520	95	52208.6	52199.2	9.4	52214.4	52210.1	4.3	2.9
7	361	152544	754	520	90	51863.8	51854.3	9.5	51843.3	51839.0	4.3	-10.3
7	361	152554	756	520	85	51685.2	51675.7	9.5	51650.5	51646.2	4.3	-17.4
7	361	152604	758	520	80	51573.5	51564.0	9.5	51539.4	51535.1	4.3	-17.1
7	361	152614	760	520	75	51491.1	51481.6	9.5	51473.6	51469.3	4.3	-8.8
7	361	152624	762	520	70	51437.9	51428.4	9.5	51421.5	51417.2	4.3	-8.2
7	361	152634	764	520	65	51387.5	51378.0	9.5	51369.5	51365.2	4.3	-9.0
7	361	152644	766	520	60	51337.5	51327.9	9.6	51306.4	51302.1	4.3	-15.6
7	361	152654	768	520	55	51268.4	51258.8	9.6	51220.5	51216.2	4.3	-24.0
7	361	152704	770	520	50	51213.0	51203.4	9.6	51073.1	51068.8	4.3	-70.0
7	361	152714	772	520	45	51378.0	51368.4	9.6	51157.4	51153.0	4.4	-110.3
7	361	152725	774	520	40	52046.7	52037.1	9.6	52808.9	52804.5	4.4	381.1
7	361	152735	776	520	35	52297.3	52287.6	9.7	52547.5	52543.1	4.4	125.1
7	361	152746	778	520	30	52438.2	52428.5	9.7	52241.4	52237.0	4.4	-98.4
7	361	152757	780	520	25	52911.3	52901.6	9.7	53512.4	53508.0	4.4	300.6
7	361	152807	782	520	20	52522.3	52512.6	9.7	52632.6	52628.2	4.4	55.2
7	361	152818	784	520	15	52014.3	52004.6	9.7	51909.4	51905.0	4.4	-52.5
7	361	152830	786	520	10	51753.3	51743.6	9.7	51683.0	51678.6	4.4	-35.2
7	361	152842	788	520	5	51623.4	51613.6	9.8	51597.0	51592.6	4.4	-13.2
7	361	152853	790	520	0	51558.2	51548.4	9.8	51548.5	51544.1	4.4	-4.9
8	361	153420	802	510	0	51527.7	51521.2	6.5	51494.1	51492.9	1.2	-16.8
8	361	153434	804	510	5	51599.3	51592.9	6.4	51533.6	51532.6	1.0	-32.9
8	361	153445	806	510	10	51719.2	51713.0	6.2	51627.6	51626.7	0.9	-45.8
8	361	153456	808	510	15	52023.2	52017.1	6.1	51896.0	51895.2	0.8	-63.6
8	361	153507	810	510	20	52830.9	52825.0	5.9	52917.1	52916.5	0.6	43.1
8	361	153518	812	510	25	53694.7	53688.9	5.8	54843.8	54843.3	0.5	574.6
8	361	153530	814	510	30	53316.3	53310.7	5.6	54479.8	54479.5	0.3	581.8
8	361	153540	816	510	35	52427.1	52421.6	5.5	52587.6	52587.4	0.2	80.3
8	361	153550	818	510	40	51647.7	51642.3	5.4	51333.1	51333.0	0.1	-157.3
8	361	153601	820	510	45	51233.0	51227.8	5.2	50890.9	50890.9	0.0	-171.1
8	361	153611	822	510	50	51170.1	51165.0	5.1	51004.5	51004.7	-0.2	-82.8
8	361	153620	824	510	55	51227.8	51222.8	5.0	51150.8	51151.1	-0.3	-38.5
8	361	153630	826	510	60	51291.2	51286.3	4.9	51245.4	51245.8	-0.4	-22.9
8	361	153639	828	510	65	51344.8	51340.0	4.8	51307.8	51308.3	-0.5	-18.5

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
8	361	153648	830	510	70	51391.2	51386.6	4.6	51354.1	51354.8	-0.7	-18.6
8	361	153658	832	510	75	51445.2	51440.7	4.5	51400.1	51400.9	-0.8	-22.6
8	361	153708	834	510	80	51515.7	51511.3	4.4	51455.5	51456.4	-0.9	-30.1
8	361	153718	836	510	85	51623.6	51619.3	4.3	51539.7	51540.7	-1.0	-42.0
8	361	153728	838	510	90	51819.5	51815.4	4.1	51713.5	51714.6	-1.1	-53.0
8	361	153739	840	510	95	52166.9	52162.9	4.0	52045.9	52047.2	-1.3	-60.5
8	361	153749	842	510	100	52753.5	52749.6	3.9	52703.5	52704.9	-1.4	-25.0
8	361	153800	844	510	105	53397.9	53394.2	3.7	53597.9	53599.5	-1.6	100.0
8	361	153811	846	510	110	53365.8	53362.2	3.6	53567.0	53568.7	-1.7	100.6
8	361	153823	848	510	115	52752.6	52749.2	3.4	52780.6	52782.4	-1.8	14.0
8	361	153833	850	510	120	52309.3	52306.0	3.3	52839.6	52841.6	-2.0	265.2
8	361	153843	852	510	125	51814.5	51811.3	3.2	52052.0	52054.1	-2.1	118.8
8	361	153854	854	510	130	51507.2	51504.2	3.0	51140.6	51142.8	-2.2	-183.3
8	361	153905	856	510	135	51858.0	51855.1	2.9	51655.1	51657.5	-2.4	-101.5
8	361	153916	858	510	140	52459.6	52456.9	2.7	52770.4	52772.9	-2.5	155.4
8	361	153926	860	510	145	52401.9	52399.3	2.6	52742.1	52744.8	-2.7	170.1
8	361	153938	862	510	150	51819.1	51816.7	2.4	51902.7	51905.5	-2.8	41.8
8	361	153950	864	510	155	51409.0	51406.7	2.3	51258.9	51261.8	-2.9	-75.1
8	361	154002	866	510	160	51326.2	51324.1	2.1	51341.8	51344.9	-3.1	7.8
8	361	154013	868	510	165	51235.2	51233.2	2.0	51247.4	51250.6	-3.2	6.1
8	361	154024	870	510	170	50942.9	50941.1	1.8	50575.4	50578.8	-3.4	-183.8
8	361	154035	872	510	175	50741.6	50739.9	1.7	50585.9	50589.4	-3.5	-77.9
8	361	154045	874	510	180	50532.0	50530.4	1.6	50407.4	50411.0	-3.6	-62.3
8	361	154056	876	510	185	50242.8	50241.4	1.4	50179.1	50182.9	-3.8	-31.9
8	361	154107	878	510	190	49442.7	49441.4	1.3	49323.9	49327.8	-3.9	-59.4
8	361	154118	880	510	195	48030.0	48028.9	1.1	*	*	*	*
8	361	154130	882	510	200	47323.8	47322.8	1.0	*	*	*	*
8	361	154141	884	510	205	47994.4	47993.5	0.9	47427.1	47431.5	-4.4	-283.7
8	361	154152	886	510	210	49228.1	49227.4	0.7	48940.7	48945.2	-4.5	-143.7
8	361	154202	888	510	215	49981.6	49981.0	0.6	49869.3	49873.9	-4.6	-56.2
8	361	154213	890	510	220	50489.1	50488.7	0.4	50472.5	50477.3	-4.8	-8.3
8	361	154224	892	510	225	50802.5	50802.2	0.3	50817.4	50822.3	-4.9	7.5
8	361	154234	894	510	230	50975.0	50974.8	0.2	50987.0	50992.0	-5.0	6.0
9	361	154529	896	500	230	51079.5	51081.6	-2.1	51111.1	51118.4	-7.3	15.8
9	361	154539	898	500	225	50935.7	50937.9	-2.2	50980.8	50988.2	-7.4	22.6
9	361	154548	900	500	220	50686.8	50689.1	-2.3	50684.5	50692.0	-7.5	-1.2
9	361	154558	902	500	215	50223.1	50225.6	-2.5	50124.0	50131.6	-7.6	-49.6
9	361	154609	904	500	210	49589.2	49591.8	-2.6	49248.4	49256.1	-7.7	-170.4
9	361	154620	906	500	205	49006.1	49008.9	-2.8	48739.9	48747.8	-7.9	-133.1
9	361	154630	908	500	200	48581.6	48584.5	-2.9	47809.0	47817.0	-8.0	-386.3
9	361	154640	910	500	195	48897.6	48900.6	-3.0	48214.7	48222.9	-8.2	-341.5
9	361	154651	912	500	190	49763.1	49766.3	-3.2	49475.8	49484.1	-8.3	-143.7
9	361	154701	914	500	185	50288.4	50291.7	-3.3	49917.2	49925.6	-8.4	-185.6
9	361	154711	916	500	180	50577.2	50580.6	-3.4	50442.7	50451.2	-8.5	-67.3
9	361	154721	918	500	175	50749.8	50753.3	-3.5	50592.2	50600.9	-8.7	-78.8
9	361	154731	920	500	170	50969.2	50972.9	-3.7	50584.9	50593.7	-8.8	-192.2
9	361	154742	922	500	165	51570.6	51574.4	-3.8	52137.0	52145.9	-8.9	283.2
9	361	154752	924	500	160	51518.7	51522.6	-3.9	51652.8	51661.9	-9.1	67.1
9	361	154802	926	500	155	51336.6	51340.7	-4.1	50923.6	50932.8	-9.2	-206.5

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
9	361	154811	928	500	150	51641.6	51645.8	-4.2	51317.0	51326.3	-9.3	-162.3
9	361	154822	930	500	145	52285.7	52290.0	-4.3	52570.5	52579.9	-9.4	142.4
9	361	154833	932	500	140	52386.4	52390.9	-4.5	53006.5	53016.1	-9.6	310.1
9	361	154844	934	500	135	51519.6	51524.2	-4.6	51266.7	51276.4	-9.7	-126.5
9	361	154855	936	500	130	50594.0	50598.8	-4.8	50120.8	50130.7	-9.9	-236.6
9	361	154905	938	500	125	50258.1	50263.0	-4.9	49039.9	49049.9	-10.0	-609.1
9	361	154916	940	500	120	50312.2	50317.2	-5.0	48953.9	48964.0	-10.1	-679.2
9	361	154927	942	500	115	52135.9	52141.1	-5.2	58607.4	58617.7	-10.3	3235.8
9	361	154937	944	500	110	55951.7	55957.0	-5.3	58557.6	58568.0	-10.4	1303.0
9	361	154948	946	500	105	55812.8	55818.2	-5.4	58548.7	58559.2	-10.5	1368.0
9	361	154959	948	500	100	53248.5	53254.1	-5.6	52979.3	52990.0	-10.7	-134.6
9	361	155010	950	500	95	52058.3	52064.0	-5.7	51765.6	51776.4	-10.8	-146.4
9	361	155021	952	500	90	51640.0	51645.9	-5.9	51464.9	51475.8	-10.9	-87.6
9	361	155031	954	500	85	51470.3	51476.3	-6.0	51373.9	51385.0	-11.1	-48.2
9	361	155047	956	500	80	51394.2	51400.4	-6.2	51339.9	51351.2	-11.3	-27.2
9	361	155058	958	500	75	51344.7	51351.0	-6.3	51309.7	51321.1	-11.4	-17.5
9	361	155108	960	500	70	51305.1	51311.6	-6.5	51283.5	51295.0	-11.5	-10.8
9	361	155133	962	500	65	51261.4	51268.2	-6.8	51241.9	51253.8	-11.9	-9.8
9	361	155143	964	500	60	51204.0	51210.9	-6.9	51174.4	51186.4	-12.0	-14.8
9	361	155154	966	500	55	51134.6	51141.7	-7.1	51059.7	51071.8	-12.1	-37.5
9	361	155204	968	500	50	51096.3	51103.5	-7.2	50911.7	50924.0	-12.3	-92.3
9	361	155216	970	500	45	51262.8	51270.2	-7.4	50786.6	50799.0	-12.4	-238.1
9	361	155227	972	500	40	51898.5	51906.0	-7.5	51452.8	51465.3	-12.5	-222.9
9	361	155238	974	500	35	52476.5	52484.1	-7.6	52272.1	52284.8	-12.7	-102.2
9	361	155250	976	500	30	53031.3	53039.1	-7.8	53487.4	53500.2	-12.8	228.1
9	361	155301	978	500	25	53028.8	53036.7	-7.9	54050.3	54063.3	-13.0	510.8
9	361	155311	980	500	20	52355.2	52363.3	-8.1	52280.0	52293.1	-13.1	-37.6
9	361	155324	982	500	15	51804.3	51812.5	-8.2	51655.8	51669.1	-13.3	-74.3
9	361	155340	984	500	10	51577.0	51585.4	-8.4	51493.3	51506.8	-13.5	-41.9
9	361	155350	986	500	5	51500.9	51509.5	-8.6	51452.6	51466.2	-13.6	-24.2
9	361	155401	988	500	0	51469.0	51477.7	-8.7	51443.8	51457.5	-13.7	-12.6
10	362	105357	1014	490	0	51428.8	51434.8	-6.0	51405.0	51419.5	-14.5	-11.9
10	362	105406	1016	490	5	51454.0	51460.1	-6.1	51409.8	51424.3	-14.5	-22.1
10	362	105415	1018	490	10	51470.4	51476.5	-6.1	51393.4	51407.9	-14.5	-38.5
10	362	105423	1020	490	15	51567.2	51573.4	-6.2	51434.6	51449.1	-14.5	-66.3
10	362	105432	1022	490	20	51775.8	51782.0	-6.2	51615.4	51629.9	-14.5	-80.2
10	362	105442	1024	490	25	52009.2	52015.5	-6.3	51696.8	51711.2	-14.4	-156.2
10	362	105451	1026	490	30	52256.8	52263.1	-6.3	51700.2	51714.6	-14.4	-278.3
10	362	105502	1028	490	35	53026.8	53033.2	-6.4	54003.6	54018.0	-14.4	488.4
10	362	105511	1030	490	40	52566.8	52573.2	-6.4	53104.0	53118.4	-14.4	268.6
10	362	105521	1032	490	45	51289.0	51295.5	-6.5	50738.6	50753.0	-14.4	-275.2
10	362	105548	1034	490	50	50970.4	50977.1	-6.7	50714.2	50728.6	-14.4	-128.1
10	362	105557	1036	490	55	51038.6	51045.3	-6.7	50936.6	50951.0	-14.4	-51.0
10	362	105606	1038	490	60	51130.4	51137.2	-6.8	51082.4	51096.8	-14.4	-24.0
10	362	105615	1040	490	65	51208.4	51215.2	-6.8	51173.2	51187.6	-14.4	-17.6
10	362	105623	1042	490	70	51248.0	51254.9	-6.9	51214.8	51229.2	-14.4	-16.6
10	362	105631	1044	490	75	51276.2	51283.1	-6.9	51229.2	51243.6	-14.4	-23.5
10	362	105639	1046	490	80	51291.8	51298.8	-7.0	51219.0	51233.4	-14.4	-36.4
10	362	105647	1048	490	85	51323.6	51330.6	-7.0	51195.8	51210.2	-14.4	-63.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
10	362	105656	1050	490	90	51431.4	51438.5	-7.1	51196.0	51210.4	-14.4	-117.7
10	362	105705	1052	490	95	51847.8	51854.9	-7.1	51403.2	51417.6	-14.4	-222.3
10	362	105714	1054	490	100	53149.2	53156.4	-7.2	52564.6	52579.0	-14.4	-292.3
10	362	105723	1056	490	105	52208.8	52216.0	-7.2	17327.0	17341.4	-14.4	-17440.9
10	362	105732	1058	490	110	30916.0	30923.3	-7.3	8111.0	8125.4	-14.4	-11402.5
10	362	105741	1060	490	115	51359.4	51366.7	-7.3	32350.8	32365.2	-14.4	-9504.3
10	362	105749	1062	490	120	49521.6	49529.0	-7.4	18389.2	18403.5	-14.3	-15566.2
10	362	105757	1064	490	125	50002.8	50010.2	-7.4	49127.4	49141.7	-14.3	-437.7
10	362	105806	1066	490	130	50745.2	50752.7	-7.5	50398.4	50412.7	-14.3	-173.4
10	362	105814	1068	490	135	51741.0	51748.5	-7.5	51711.0	51725.3	-14.3	-15.0
10	362	105822	1070	490	140	52610.4	52618.0	-7.6	53156.4	53170.7	-14.3	273.0
10	362	105831	1072	490	145	52488.2	52495.8	-7.6	52878.4	52892.7	-14.3	195.1
10	362	105840	1074	490	150	51744.0	51751.7	-7.7	51679.8	51694.1	-14.3	-32.1
10	362	105849	1076	490	155	51159.8	51167.5	-7.7	50743.2	50757.5	-14.3	-208.3
10	362	105858	1078	490	160	51109.6	51117.4	-7.8	50825.8	50840.1	-14.3	-141.9
10	362	105907	1080	490	165	51256.6	51264.4	-7.8	51627.6	51641.9	-14.3	185.5
10	362	105915	1082	490	170	50986.8	50994.7	-7.9	50795.6	50809.9	-14.3	-95.6
10	362	105923	1084	490	175	50884.8	50892.7	-7.9	50701.6	50715.9	-14.3	-91.6
10	362	105932	1086	490	180	50908.4	50916.4	-8.0	50752.6	50766.9	-14.3	-77.9
10	362	105940	1088	490	185	51022.4	51030.4	-8.0	51045.2	51059.5	-14.3	11.4
10	362	105948	1090	490	190	50914.4	50922.5	-8.1	51141.4	51155.7	-14.3	113.5
10	362	105957	1092	490	195	50043.0	50051.1	-8.1	49488.6	49502.9	-14.3	-277.2
10	362	110007	1094	490	200	49477.6	49485.8	-8.2	27759.8	27774.1	-14.3	-10858.9
10	362	110016	1096	490	205	49985.6	49993.8	-8.2	49367.4	49381.7	-14.3	-309.1
10	362	110025	1098	490	210	50454.6	50462.9	-8.3	50093.8	50108.1	-14.3	-180.4
10	362	110033	1100	490	215	50780.2	50788.5	-8.3	50703.6	50717.9	-14.3	-38.3
10	362	110042	1102	490	220	51002.2	51010.6	-8.4	51007.2	51021.5	-14.3	2.5
10	362	110050	1104	490	225	51115.8	51124.2	-8.4	51137.8	51152.1	-14.3	11.0
10	362	110058	1106	490	230	51182.8	51191.3	-8.5	51201.2	51215.4	-14.2	9.2
11	362	110449	1108	480	230	51238.6	51248.4	-9.8	51248.0	51262.1	-14.1	4.7
11	362	110459	1110	480	225	51239.4	51249.3	-9.9	51224.6	51238.7	-14.1	-7.4
11	362	110507	1112	480	220	51323.6	51333.5	-9.9	51261.0	51275.1	-14.1	-31.3
11	362	110516	1114	480	215	51714.4	51724.4	-10.0	51647.4	51661.5	-14.1	-33.5
11	362	110524	1116	480	210	52758.4	52768.4	-10.0	53372.8	53386.9	-14.1	307.2
11	362	110534	1118	480	205	53604.4	53614.5	-10.1	55139.0	55153.1	-14.1	767.3
11	362	110542	1120	480	200	52975.2	52985.3	-10.1	53573.2	53587.3	-14.1	299.0
11	362	110551	1122	480	195	52523.0	52533.2	-10.2	52701.4	52715.5	-14.1	89.2
11	362	110600	1124	480	190	52289.4	52299.6	-10.2	52453.8	52467.9	-14.1	82.2
11	362	110609	1126	480	185	51879.8	51890.1	-10.3	51851.8	51865.9	-14.1	-14.0
11	362	110617	1128	480	180	51495.2	51505.5	-10.3	51423.8	51437.9	-14.1	-35.7
11	362	110625	1130	480	175	51233.8	51244.2	-10.4	51108.0	51122.1	-14.1	-62.9
11	362	110634	1132	480	170	51082.6	51093.0	-10.4	50787.0	50801.1	-14.1	-147.8
11	362	110644	1134	480	165	51146.2	51156.7	-10.5	51204.0	51218.1	-14.1	28.9
11	362	110654	1136	480	160	50944.6	50955.2	-10.6	50452.4	50466.5	-14.1	-246.1
11	362	110702	1138	480	155	51185.6	51196.2	-10.6	50578.0	50592.1	-14.1	-303.8
11	362	110711	1140	480	150	52251.8	52262.5	-10.7	52543.2	52557.2	-14.0	145.7
11	362	110720	1142	480	145	52985.4	52996.1	-10.7	53794.2	53808.2	-14.0	404.4
11	362	110729	1144	480	140	52714.0	52724.8	-10.8	53115.4	53129.4	-14.0	200.7
11	362	110737	1146	480	135	51892.6	51903.4	-10.8	51809.2	51823.2	-14.0	-41.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
11	362	110745	1148	480	130	51001.0	51011.9	-10.9	50553.0	50567.0	-14.0	-224.0
11	362	110753	1150	480	125	50750.2	50761.1	-10.9	50244.0	50258.0	-14.0	-253.1
11	362	110802	1152	480	120	51207.2	51218.2	-11.0	50997.8	51011.8	-14.0	-104.7
11	362	110810	1154	480	115	51660.8	51671.8	-11.0	51489.4	51503.4	-14.0	-85.7
11	362	110819	1156	480	110	52023.0	52034.1	-11.1	51276.2	51290.2	-14.0	-373.4
11	362	110827	1158	480	105	51859.8	51870.9	-11.1	51004.0	51018.0	-14.0	-427.9
11	362	110836	1160	480	100	51434.4	51445.5	-11.1	50800.8	50814.8	-14.0	-316.8
11	362	110845	1162	480	95	51232.4	51243.6	-11.2	50865.6	50879.6	-14.0	-183.4
11	362	110854	1164	480	90	51201.4	51212.7	-11.3	51022.6	51036.6	-14.0	-89.4
11	362	110901	1166	480	85	51216.4	51227.7	-11.3	51127.8	51141.8	-14.0	-44.3
11	362	110909	1168	480	80	51230.0	51241.3	-11.3	51180.8	51194.8	-14.0	-24.6
11	362	110917	1170	480	75	51229.2	51240.6	-11.4	51203.6	51217.6	-14.0	-12.8
11	362	110925	1172	480	70	51211.8	51223.2	-11.4	51190.0	51204.0	-14.0	-10.9
11	362	110934	1174	480	65	51165.6	51177.1	-11.5	51153.2	51167.2	-14.0	-6.2
11	362	110941	1176	480	60	51075.4	51086.9	-11.5	51052.0	51066.0	-14.0	-11.7
11	362	110949	1178	480	55	50932.2	50943.8	-11.6	50857.6	50871.6	-14.0	-37.3
11	362	110958	1180	480	50	50749.8	50761.4	-11.6	50496.8	50510.8	-14.0	-126.5
11	362	111006	1182	480	45	50709.8	50721.5	-11.7	50014.6	50028.6	-14.0	-347.6
11	362	111015	1184	480	40	51545.6	51557.3	-11.7	51012.6	51026.6	-14.0	-266.5
11	362	111023	1186	480	35	52563.0	52574.8	-11.8	53396.4	53410.3	-13.9	416.7
11	362	111032	1188	480	30	52602.4	52614.2	-11.8	53271.8	53285.7	-13.9	334.7
11	362	111040	1190	480	25	52205.4	52217.3	-11.9	52428.0	52441.9	-13.9	111.3
11	362	111049	1192	480	20	51729.4	51741.3	-11.9	51670.2	51684.1	-13.9	-29.6
11	362	111057	1194	480	15	51489.8	51501.8	-12.0	51408.6	51422.5	-13.9	-40.6
11	362	111105	1196	480	10	51417.6	51429.6	-12.0	51368.2	51382.1	-13.9	-24.7
11	362	111114	1198	480	5	51385.8	51397.9	-12.1	51362.0	51375.9	-13.9	-11.9
11	362	111122	1200	480	0	51390.6	51402.7	-12.1	51373.2	51387.1	-13.9	-8.7
12	362	111529	1212	470	0	51377.8	51390.3	-12.5	51359.8	51375.4	-15.6	-9.0
12	362	111540	1214	470	5	51358.0	51370.7	-12.7	51326.4	51342.1	-15.7	-15.8
12	362	111549	1216	470	10	51353.0	51365.7	-12.7	51297.2	51313.0	-15.8	-27.9
12	362	111558	1218	470	15	51380.0	51392.7	-12.7	51309.2	51325.0	-15.8	-35.4
12	362	111607	1220	470	20	51525.2	51537.9	-12.7	51544.2	51560.1	-15.9	9.5
12	362	111617	1222	470	25	51732.4	51745.1	-12.7	51972.6	51988.6	-16.0	120.1
12	362	111626	1224	470	30	51756.8	51769.5	-12.7	52010.6	52026.7	-16.1	126.9
12	362	111634	1226	470	35	51687.0	51699.7	-12.7	52221.4	52237.5	-16.1	267.2
12	362	111643	1228	470	40	51245.2	51258.0	-12.8	51710.4	51726.6	-16.2	232.6
12	362	111651	1230	470	45	50732.0	50744.8	-12.8	50347.2	50363.5	-16.3	-192.4
12	362	111659	1232	470	50	50767.6	50780.4	-12.8	50573.8	50590.1	-16.3	-96.9
12	362	111707	1234	470	55	50978.0	50990.8	-12.8	50915.4	50931.8	-16.4	-31.3
12	362	111716	1236	470	60	51105.8	51118.6	-12.8	51079.8	51096.3	-16.5	-13.0
12	362	111724	1238	470	65	51190.0	51202.8	-12.8	51168.8	51185.3	-16.5	-10.6
12	362	111732	1240	470	70	51230.0	51242.8	-12.8	51206.2	51222.8	-16.6	-11.9
12	362	111741	1242	470	75	51249.6	51262.4	-12.8	51216.2	51232.9	-16.7	-16.7
12	362	111749	1244	470	80	51256.0	51268.9	-12.9	51207.0	51223.7	-16.7	-24.5
12	362	111757	1246	470	85	51260.2	51273.1	-12.9	51188.0	51204.8	-16.8	-36.1
12	362	111806	1248	470	90	51298.2	51311.1	-12.9	51184.2	51201.1	-16.9	-57.0
12	362	111814	1250	470	95	51418.2	51431.1	-12.9	51256.4	51273.3	-16.9	-80.9
12	362	111823	1252	470	100	51772.2	51785.1	-12.9	51611.8	51628.8	-17.0	-80.2
12	362	111831	1254	470	105	52614.4	52627.3	-12.9	52677.0	52694.1	-17.1	31.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
12	362	111841	1256	470	110	53692.0	53704.9	-12.9	54620.6	54637.7	-17.1	464.3
12	362	111852	1258	470	115	53767.8	53780.8	-13.0	55311.6	55328.8	-17.2	771.9
12	362	111901	1260	470	120	52135.0	52148.0	-13.0	51946.6	51963.9	-17.3	-94.2
12	362	111910	1262	470	125	51269.8	51282.8	-13.0	50904.2	50921.6	-17.4	-182.8
12	362	111918	1264	470	130	51411.2	51424.2	-13.0	51063.2	51080.6	-17.4	-174.0
12	362	111927	1266	470	135	52075.6	52088.6	-13.0	52047.4	52064.9	-17.5	-14.1
12	362	111936	1268	470	140	52953.0	52966.0	-13.0	53408.0	53425.6	-17.6	227.5
12	362	111945	1270	470	145	53129.6	53142.6	-13.0	54218.6	54236.2	-17.6	544.5
12	362	111954	1272	470	150	52565.2	52578.2	-13.0	52722.0	52739.7	-17.7	78.4
12	362	112004	1274	470	155	51628.4	51641.5	-13.1	51271.6	51289.4	-17.8	-178.4
12	362	112012	1276	470	160	51616.2	51629.3	-13.1	51639.0	51656.9	-17.9	11.4
12	362	112022	1278	470	165	51789.2	51802.3	-13.1	52149.6	52167.5	-17.9	180.2
12	362	112031	1280	470	170	51528.0	51541.1	-13.1	51374.6	51392.6	-18.0	-76.7
12	362	112040	1282	470	175	51693.8	51706.9	-13.1	51524.4	51542.5	-18.1	-84.7
12	362	112049	1284	470	180	52276.8	52289.9	-13.1	52234.6	52252.7	-18.1	-21.1
12	362	112057	1286	470	185	53171.4	53184.5	-13.1	53406.4	53424.6	-18.2	117.5
12	362	112106	1288	470	190	54060.8	54074.0	-13.2	55141.0	55159.3	-18.3	540.1
12	362	112115	1290	470	195	54675.6	54688.8	-13.2	55678.8	55697.2	-18.4	501.6
12	362	112123	1292	470	200	54275.2	54288.4	-13.2	54915.2	54933.6	-18.4	320.0
12	362	112132	1294	470	205	53720.8	53734.0	-13.2	54803.2	54821.7	-18.5	541.2
12	362	112140	1296	470	210	52554.8	52568.0	-13.2	52420.6	52439.2	-18.6	-67.1
12	362	112149	1298	470	215	51558.8	51572.0	-13.2	51139.8	51158.4	-18.6	-209.5
12	362	112158	1300	470	220	51247.4	51260.6	-13.2	51021.8	51040.5	-18.7	-112.8
12	362	112206	1302	470	225	51193.2	51206.5	-13.3	51098.0	51116.8	-18.8	-47.6
12	362	112215	1304	470	230	51210.0	51223.3	-13.3	51165.4	51184.2	-18.8	-22.3
13	362	112813	1306	460	230	51132.6	51146.4	-13.8	51099.0	51120.7	-21.7	-16.8
13	362	112820	1308	460	225	51117.6	51131.4	-13.8	51049.6	51071.3	-21.7	-34.0
13	362	112830	1310	460	220	51114.0	51127.9	-13.9	50921.2	50943.0	-21.8	-96.4
13	362	112839	1312	460	215	51413.8	51427.7	-13.9	50561.4	50583.3	-21.9	-426.2
13	362	112848	1314	460	210	51741.8	51755.7	-13.9	51315.2	51337.2	-22.0	-213.3
13	362	112858	1316	460	205	52672.4	52686.3	-13.9	52335.2	52357.2	-22.0	-168.6
13	362	112907	1318	460	200	54163.0	54176.9	-13.9	54461.4	54483.5	-22.1	149.2
13	362	112916	1320	460	195	55872.2	55886.1	-13.9	19518.4	19540.6	-22.2	-18176.9
13	362	112926	1322	460	190	56226.8	56240.7	-13.9	35781.2	35803.5	-22.3	-10222.8
13	362	112935	1324	460	185	54865.8	54879.8	-14.0	55908.0	55930.3	-22.3	521.1
13	362	112944	1326	460	180	53127.4	53141.4	-14.0	53245.8	53268.2	-22.4	59.2
13	362	112953	1328	460	175	51943.4	51957.4	-14.0	51831.6	51854.1	-22.5	-55.9
13	362	113002	1330	460	170	51270.8	51284.8	-14.0	50813.2	50835.7	-22.5	-228.8
13	362	113011	1332	460	165	51150.4	51164.4	-14.0	51017.6	51040.2	-22.6	-66.4
13	362	113019	1334	460	160	51043.0	51057.0	-14.0	50677.8	50700.5	-22.7	-182.6
13	362	113028	1336	460	155	51347.6	51361.6	-14.0	50703.6	50726.3	-22.7	-322.0
13	362	113036	1338	460	150	52582.8	52596.9	-14.1	53056.6	53079.4	-22.8	236.9
13	362	113046	1340	460	145	53384.0	53398.1	-14.1	54468.0	54490.9	-22.9	542.0
13	362	113054	1342	460	140	53206.0	53220.1	-14.1	53971.0	53994.0	-23.0	382.5
13	362	113103	1344	460	135	52491.6	52505.7	-14.1	52850.4	52873.4	-23.0	179.4
13	362	113111	1346	460	130	51598.8	51612.9	-14.1	51335.8	51358.9	-23.1	-131.5
13	362	113120	1348	460	125	51336.8	51350.9	-14.1	51103.2	51126.4	-23.2	-116.8
13	362	113129	1350	460	120	51561.6	51575.7	-14.1	51064.4	51087.6	-23.2	-248.6
13	362	113137	1352	460	115	52762.0	52776.1	-14.1	53195.2	53218.5	-23.3	216.6

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
13	362	113146	1354	460	110	53759.6	53773.8	-14.2	55634.0	55657.4	-23.4	937.2
13	362	113155	1356	460	105	52590.0	52604.2	-14.2	15943.0	15966.4	-23.4	-18323.5
13	362	113203	1358	460	100	51984.2	51998.4	-14.2	51975.4	51998.9	-23.5	-4.4
13	362	113211	1360	460	95	51619.8	51634.0	-14.2	51558.6	51582.2	-23.6	-30.6
13	362	113219	1362	460	90	51393.2	51407.4	-14.2	51327.4	51351.0	-23.6	-32.9
13	362	113226	1364	460	85	51306.4	51320.6	-14.2	51263.4	51287.1	-23.7	-21.5
13	362	113234	1366	460	80	51284.8	51299.0	-14.2	51249.0	51272.8	-23.8	-17.9
13	362	113242	1368	460	75	51277.2	51291.4	-14.2	51250.0	51273.8	-23.8	-13.6
13	362	113250	1370	460	70	51261.8	51276.1	-14.3	51253.2	51277.1	-23.9	-4.3
13	362	113258	1372	460	65	51246.6	51260.9	-14.3	51239.0	51262.9	-23.9	-3.8
13	362	113306	1374	460	60	51205.6	51219.9	-14.3	51206.4	51230.4	-24.0	0.4
13	362	113314	1376	460	55	51124.2	51138.5	-14.3	51126.4	51150.5	-24.1	1.1
13	362	113323	1378	460	50	50975.8	50990.1	-14.3	50939.2	50963.3	-24.1	-18.3
13	362	113331	1380	460	45	50678.2	50692.5	-14.3	50492.6	50516.8	-24.2	-92.8
13	362	113341	1382	460	40	50295.2	50309.5	-14.3	49576.8	49601.1	-24.3	-359.2
13	362	113348	1384	460	35	50290.8	50305.2	-14.4	49102.8	49127.1	-24.3	-594.0
13	362	113357	1386	460	30	50416.4	50430.8	-14.4	49770.4	49794.8	-24.4	-323.0
13	362	113405	1388	460	25	50738.4	50752.8	-14.4	50384.8	50409.3	-24.5	-176.8
13	362	113414	1390	460	20	51039.8	51054.2	-14.4	50908.0	50932.5	-24.5	-65.9
13	362	113422	1392	460	15	51211.6	51226.0	-14.4	51143.0	51167.6	-24.6	-34.3
13	362	113430	1394	460	10	51293.2	51307.6	-14.4	51251.2	51275.9	-24.7	-21.0
13	362	113437	1396	460	5	51343.8	51358.2	-14.4	51331.0	51355.7	-24.7	-6.4
13	362	113445	1398	460	0	51378.2	51392.6	-14.4	51384.0	51408.8	-24.8	2.9
14	362	113900	1410	450	0	51432.8	51448.5	-15.7	51415.6	51440.4	-24.8	-8.6
14	362	113908	1412	450	5	51471.4	51487.2	-15.8	51433.4	51458.4	-25.0	-19.0
14	362	113918	1414	450	10	51476.6	51492.5	-15.9	51426.4	51451.4	-25.0	-25.1
14	362	113926	1416	450	15	51490.6	51506.5	-15.9	51416.6	51441.6	-25.0	-37.0
14	362	113935	1418	450	20	51513.6	51529.6	-16.0	51463.0	51488.0	-25.0	-25.3
14	362	113944	1420	450	25	51519.8	51535.9	-16.1	51396.4	51421.4	-25.0	-61.7
14	362	113953	1422	450	30	51595.2	51611.3	-16.1	51530.4	51555.4	-25.0	-32.4
14	362	114001	1424	450	35	51565.6	51581.8	-16.2	51560.8	51585.8	-25.0	-2.4
14	362	114010	1426	450	40	51466.6	51482.8	-16.2	51225.6	51250.6	-25.0	-120.5
14	362	114018	1428	450	45	51394.0	51410.3	-16.3	51308.6	51333.6	-25.0	-42.7
14	362	114025	1430	450	50	51340.0	51356.3	-16.3	51305.2	51330.2	-25.0	-17.4
14	362	114033	1432	450	55	51305.2	51321.5	-16.3	51276.0	51301.0	-25.0	-14.6
14	362	114041	1434	450	60	51290.6	51307.0	-16.4	51266.0	51291.0	-25.0	-12.3
14	362	114049	1436	450	65	51286.6	51303.0	-16.4	51264.8	51289.8	-25.0	-10.9
14	362	114057	1438	450	70	51290.4	51306.9	-16.5	51266.2	51291.2	-25.0	-12.1
14	362	114106	1440	450	75	51294.6	51311.1	-16.5	51266.2	51291.2	-25.0	-14.2
14	362	114114	1442	450	80	51293.2	51309.8	-16.6	51259.8	51284.8	-25.0	-16.7
14	362	114123	1444	450	85	51298.4	51315.0	-16.6	51245.4	51270.4	-25.0	-26.5
14	362	114131	1446	450	90	51299.4	51316.1	-16.7	51219.2	51244.2	-25.0	-40.1
14	362	114139	1448	450	95	51304.2	51320.9	-16.7	51166.2	51191.2	-25.0	-69.0
14	362	114147	1450	450	100	51357.2	51374.0	-16.8	51172.8	51197.8	-25.0	-92.2
14	362	114155	1452	450	105	51635.4	51652.2	-16.8	51604.4	51629.4	-25.0	-15.5
14	362	114204	1454	450	110	52149.2	52166.1	-16.9	52334.2	52359.2	-25.0	92.5
14	362	114213	1456	450	115	52306.2	52323.1	-16.9	52955.6	52980.6	-25.0	324.7
14	362	114223	1458	450	120	51610.8	51627.8	-17.0	51279.8	51304.8	-25.0	-165.5
14	362	114232	1460	450	125	51314.8	51331.9	-17.1	50901.0	50926.0	-25.0	-206.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
14	362	114241	1462	450	130	51509.2	51526.3	-17.1	51255.8	51280.8	-25.0	-126.7
14	362	114250	1464	450	135	52087.0	52104.2	-17.2	52221.8	52246.8	-25.0	67.4
14	362	114300	1466	450	140	52598.0	52615.2	-17.2	53006.0	53031.0	-25.0	204.0
14	362	114309	1468	450	145	52562.8	52580.1	-17.3	52878.0	52902.9	-24.9	157.6
14	362	114318	1470	450	150	51769.0	51786.3	-17.3	51685.8	51710.7	-24.9	-41.6
14	362	114327	1472	450	155	50693.8	50711.2	-17.4	50178.4	50203.3	-24.9	-257.7
14	362	114336	1474	450	160	50371.0	50388.4	-17.4	49791.6	49816.5	-24.9	-289.7
14	362	114345	1476	450	165	50736.2	50753.7	-17.5	50616.4	50641.3	-24.9	-59.9
14	362	114353	1478	450	170	50960.0	50977.5	-17.5	50560.4	50585.3	-24.9	-199.8
14	362	114403	1480	450	175	51514.8	51532.4	-17.6	51354.2	51379.1	-24.9	-80.3
14	362	114412	1482	450	180	52420.2	52437.9	-17.7	52344.4	52369.3	-24.9	-37.9
14	362	114421	1484	450	185	53838.4	53856.1	-17.7	54370.6	54395.5	-24.9	266.1
14	362	114429	1486	450	190	55385.6	55403.4	-17.8	57742.8	57767.7	-24.9	1178.6
14	362	114438	1488	450	195	55082.2	55100.0	-17.8	55901.8	55926.7	-24.9	409.8
14	362	114447	1490	450	200	54101.0	54118.9	-17.9	54622.2	54647.1	-24.9	260.6
14	362	114456	1492	450	205	53269.6	53287.5	-17.9	53873.0	53897.9	-24.9	301.7
14	362	114505	1494	450	210	52260.0	52278.0	-18.0	52488.6	52513.5	-24.9	114.3
14	362	114513	1496	450	215	51412.0	51430.0	-18.0	51258.8	51283.7	-24.9	-76.6
14	362	114522	1498	450	220	51074.2	51092.3	-18.1	50905.0	50929.9	-24.9	-84.6
14	362	114530	1500	450	225	51017.2	51035.3	-18.1	50914.2	50939.1	-24.9	-51.5
14	362	114538	1502	450	230	51065.4	51083.6	-18.2	51007.8	51032.7	-24.9	-28.8
15	362	114900	1504	440	230	50961.4	50980.8	-19.4	50925.4	50950.2	-24.8	-18.0
15	362	114909	1506	440	225	50841.6	50861.0	-19.4	50760.4	50785.2	-24.8	-40.6
15	362	114918	1508	440	220	50716.2	50735.7	-19.5	50537.4	50562.2	-24.8	-89.4
15	362	114926	1510	440	215	50744.0	50763.5	-19.5	50395.6	50420.4	-24.8	-174.2
15	362	114935	1512	440	210	51234.0	51253.6	-19.6	51113.0	51137.8	-24.8	-60.5
15	362	114943	1514	440	205	51987.8	52007.4	-19.6	52716.8	52741.6	-24.8	364.5
15	362	114951	1516	440	200	52085.4	52105.1	-19.7	52209.0	52233.8	-24.8	61.8
15	362	115000	1518	440	195	52203.4	52223.1	-19.7	52166.2	52191.0	-24.8	-18.6
15	362	115008	1520	440	190	52306.8	52326.6	-19.8	52579.4	52604.2	-24.8	136.3
15	362	115016	1522	440	185	52029.0	52048.8	-19.8	52081.2	52106.0	-24.8	26.1
15	362	115024	1524	440	180	51580.2	51600.1	-19.9	51563.2	51588.0	-24.8	-8.5
15	362	115033	1526	440	175	51102.2	51122.1	-19.9	50926.2	50951.0	-24.8	-88.0
15	362	115042	1528	440	170	50750.0	50770.0	-20.0	50272.2	50297.0	-24.8	-238.9
15	362	115050	1530	440	165	50653.2	50673.2	-20.0	50564.2	50589.0	-24.8	-44.5
15	362	115058	1532	440	160	50230.6	50250.7	-20.1	49756.6	49781.4	-24.8	-237.0
15	362	115107	1534	440	155	50113.6	50133.7	-20.1	52058.4	52083.2	-24.8	972.4
15	362	115115	1536	440	150	51041.6	51061.8	-20.2	52064.0	52088.8	-24.8	511.2
15	362	115124	1538	440	145	52532.6	52552.8	-20.2	52477.0	52501.8	-24.8	-27.8
15	362	115132	1540	440	140	52849.2	52869.5	-20.3	53758.4	53783.2	-24.8	454.6
15	362	115140	1542	440	135	52179.2	52199.5	-20.3	52243.6	52268.4	-24.8	32.2
15	362	115149	1544	440	130	51542.0	51562.4	-20.4	51320.4	51345.2	-24.8	-110.8
15	362	115158	1546	440	125	51559.8	51580.2	-20.4	51510.0	51534.8	-24.8	-24.9
15	362	115206	1548	440	120	51860.0	51880.5	-20.5	52022.6	52047.4	-24.8	81.3
15	362	115215	1550	440	115	52181.6	52202.1	-20.5	52849.6	52874.4	-24.8	334.0
15	362	115223	1552	440	110	51746.0	51766.6	-20.6	51451.8	51476.6	-24.8	-147.1
15	362	115232	1554	440	105	51478.0	51498.6	-20.6	51091.0	51115.8	-24.8	-193.5
15	362	115240	1556	440	100	51395.0	51415.7	-20.7	51047.0	51071.8	-24.8	-174.0
15	362	115248	1558	440	95	51383.0	51403.7	-20.7	51280.4	51305.2	-24.8	-51.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
15	362	115255	1560	440	90	51362.0	51382.8	-20.8	51308.0	51332.8	-24.8	-27.0
15	362	115304	1562	440	85	51327.8	51348.6	-20.8	51301.8	51326.6	-24.8	-13.0
15	362	115312	1564	440	80	51311.4	51332.3	-20.9	51286.2	51311.0	-24.8	-12.6
15	362	115320	1566	440	75	51289.2	51310.1	-20.9	51276.0	51300.8	-24.8	-6.6
15	362	115328	1568	440	70	51278.2	51299.2	-21.0	51255.0	51279.7	-24.7	-11.6
15	362	115336	1570	440	65	51275.0	51296.0	-21.0	51245.0	51269.7	-24.7	-15.0
15	362	115344	1572	440	60	51276.4	51297.5	-21.1	51243.6	51268.3	-24.7	-16.4
15	362	115351	1574	440	55	51321.0	51342.1	-21.1	51251.0	51275.7	-24.7	-35.0
15	362	115400	1576	440	50	51501.2	51522.4	-21.2	51383.8	51408.5	-24.7	-58.7
15	362	115408	1578	440	45	52075.6	52096.8	-21.2	51954.0	51978.7	-24.7	-60.8
15	362	115416	1580	440	40	53158.0	53179.3	-21.3	53541.2	53565.9	-24.7	191.6
15	362	115424	1582	440	35	53715.4	53736.7	-21.3	54465.4	54490.1	-24.7	375.0
15	362	115432	1584	440	30	53417.0	53438.4	-21.4	53752.6	53777.3	-24.7	167.8
15	362	115441	1586	440	25	52956.0	52977.4	-21.4	53219.6	53244.3	-24.7	131.8
15	362	115450	1588	440	20	52470.0	52491.5	-21.5	52557.0	52581.7	-24.7	43.5
15	362	115459	1590	440	15	52037.2	52058.7	-21.5	52026.4	52051.1	-24.7	-5.4
15	362	115507	1592	440	10	51748.4	51770.0	-21.6	51721.0	51745.7	-24.7	-13.7
15	362	115515	1594	440	5	51584.0	51605.6	-21.6	51568.6	51593.3	-24.7	-7.7
15	362	115522	1596	440	0	51501.8	51523.5	-21.7	51489.8	51514.5	-24.7	-6.0
16	362	131836	1618	430	0	51563.6	51566.8	-3.2	51530.8	51543.0	-12.2	-16.4
16	362	131851	1620	430	5	51703.0	51706.1	-3.1	51638.8	51651.0	-12.2	-32.1
16	362	131900	1622	430	10	51965.0	51968.1	-3.1	51907.2	51919.4	-12.2	-28.9
16	362	131908	1624	430	15	52508.2	52511.3	-3.1	52586.2	52598.3	-12.1	39.0
16	362	131920	1626	430	20	53384.8	53387.9	-3.1	53827.0	53839.1	-12.1	221.1
16	362	131928	1628	430	25	54172.0	54175.1	-3.1	55225.8	55237.9	-12.1	526.9
16	362	131936	1630	430	30	54941.6	54944.7	-3.1	55958.2	55970.3	-12.1	508.3
16	362	131944	1632	430	35	55242.8	55245.9	-3.1	22192.4	22204.5	-12.1	-16525.2
16	362	131952	1634	430	40	53431.8	53434.9	-3.1	53549.8	53561.9	-12.1	59.0
16	362	132000	1636	430	45	51812.8	51815.9	-3.1	51266.2	51278.2	-12.0	-273.3
16	362	132008	1638	430	50	51343.8	51346.9	-3.1	51071.8	51083.8	-12.0	-136.0
16	362	132015	1640	430	55	51236.2	51239.3	-3.1	51112.2	51124.2	-12.0	-62.0
16	362	132023	1642	430	60	51224.8	51227.9	-3.1	51162.2	51174.2	-12.0	-31.3
16	362	132031	1644	430	65	51243.0	51246.1	-3.1	51205.4	51217.4	-12.0	-18.8
16	362	132038	1646	430	70	51277.0	51280.1	-3.1	51251.2	51263.2	-12.0	-12.9
16	362	132046	1648	430	75	51316.8	51319.9	-3.1	51290.2	51302.1	-11.9	-13.3
16	362	132054	1650	430	80	51364.2	51367.2	-3.0	51334.4	51346.3	-11.9	-14.9
16	362	132102	1652	430	85	51427.8	51430.8	-3.0	51398.6	51410.5	-11.9	-14.6
16	362	132111	1654	430	90	51564.0	51567.0	-3.0	51519.6	51531.5	-11.9	-22.2
16	362	132118	1656	430	95	51789.8	51792.8	-3.0	51765.4	51777.3	-11.9	-12.2
16	362	132242	1658	430	100	52217.4	52220.4	-3.0	52354.6	52366.3	-11.7	68.6
16	362	132250	1660	430	105	52393.2	52396.2	-3.0	52601.2	52612.9	-11.7	104.0
16	362	132259	1662	430	110	52045.6	52048.5	-2.9	52029.6	52041.3	-11.7	-8.0
16	362	132308	1664	430	115	51711.6	51714.5	-2.9	51673.6	51685.3	-11.7	-19.0
16	362	132316	1666	430	120	51346.8	51349.7	-2.9	51108.4	51120.0	-11.6	-119.2
16	362	132324	1668	430	125	51176.4	51179.3	-2.9	50735.4	50747.0	-11.6	-220.5
16	362	132332	1670	430	130	51446.2	51449.1	-2.9	51150.4	51162.0	-11.6	-147.9
16	362	132341	1672	430	135	52241.8	52244.7	-2.9	52390.4	52402.0	-11.6	74.3
16	362	132349	1674	430	140	52932.4	52935.3	-2.9	54074.8	54086.4	-11.6	571.2
16	362	132356	1676	430	145	52962.4	52965.3	-2.9	54164.8	54176.4	-11.6	601.2

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
16	362	132403	1678	430	150	51733.0	51735.9	-2.9	51815.6	51827.1	-11.5	41.3
16	362	132412	1680	430	155	50723.2	50726.1	-2.9	50325.6	50337.1	-11.5	-198.8
16	362	132419	1682	430	160	50674.2	50677.1	-2.9	50586.6	50598.1	-11.5	-43.8
16	362	132427	1684	430	165	50711.4	50714.3	-2.9	50584.6	50596.1	-11.5	-63.4
16	362	132435	1686	430	170	50607.2	50610.1	-2.9	50164.8	50176.3	-11.5	-221.2
16	362	132443	1688	430	175	50834.6	50837.5	-2.9	50698.4	50709.9	-11.5	-68.1
16	362	132450	1690	430	180	51096.4	51099.3	-2.9	50969.0	50980.5	-11.5	-63.7
16	362	132458	1692	430	185	51324.2	51327.0	-2.8	51253.2	51264.6	-11.4	-35.5
16	362	132506	1694	430	190	51386.2	51389.0	-2.8	51513.6	51525.0	-11.4	63.7
16	362	132515	1696	430	195	50861.8	50864.6	-2.8	50496.6	50508.0	-11.4	-182.6
16	362	132523	1698	430	200	50328.8	50331.6	-2.8	49600.4	49611.8	-11.4	-364.2
16	362	132531	1700	430	205	50100.0	50102.8	-2.8	49398.2	49409.6	-11.4	-350.9
16	362	132538	1702	430	210	50086.0	50088.8	-2.8	49548.6	49560.0	-11.4	-268.7
16	362	132547	1704	430	215	50265.8	50268.6	-2.8	49920.4	49931.7	-11.3	-172.7
16	362	132555	1706	430	220	50554.8	50557.6	-2.8	50412.6	50423.9	-11.3	-71.1
16	362	132602	1708	430	225	50788.8	50791.6	-2.8	50738.4	50749.7	-11.3	-25.2
16	362	132610	1710	430	230	50952.4	50955.2	-2.8	50929.0	50940.3	-11.3	-11.7
17	362	132901	1712	420	230	50918.6	50921.2	-2.6	50923.6	50934.5	-10.9	2.5
17	362	132909	1714	420	225	50820.4	50823.0	-2.6	50821.6	50832.5	-10.9	0.6
17	362	132917	1716	420	220	50607.0	50609.6	-2.6	50553.4	50564.3	-10.9	-26.8
17	362	132925	1718	420	215	50363.2	50365.8	-2.6	50143.6	50154.5	-10.9	-109.8
17	362	132933	1720	420	210	50267.2	50269.8	-2.6	49951.4	49962.3	-10.9	-157.9
17	362	132941	1722	420	205	50457.0	50459.6	-2.6	50416.4	50427.3	-10.9	-20.3
17	362	132949	1724	420	200	50777.4	50780.0	-2.6	50576.8	50587.7	-10.9	-100.3
17	362	132958	1726	420	195	51351.6	51354.2	-2.6	51515.4	51526.2	-10.8	81.9
17	362	133006	1728	420	190	51776.4	51779.0	-2.6	52310.0	52320.8	-10.8	266.8
17	362	133014	1730	420	185	51510.8	51513.4	-2.6	51691.2	51702.0	-10.8	90.2
17	362	133022	1732	420	180	51134.4	51137.0	-2.6	51117.2	51128.0	-10.8	-8.6
17	362	133030	1734	420	175	50841.6	50844.2	-2.6	50737.2	50748.0	-10.8	-52.2
17	362	133037	1736	420	170	50692.0	50694.6	-2.6	50383.4	50394.2	-10.8	-154.3
17	362	133046	1738	420	165	50951.8	50954.4	-2.6	51175.8	51186.5	-10.7	112.0
17	362	133055	1740	420	160	50783.4	50786.0	-2.6	50811.4	50822.1	-10.7	14.0
17	362	133102	1742	420	155	50607.8	50610.3	-2.5	50116.0	50126.7	-10.7	-245.9
17	362	133111	1744	420	150	51265.6	51268.1	-2.5	51017.2	51027.9	-10.7	-124.2
17	362	133119	1746	420	145	52225.6	52228.1	-2.5	52537.6	52548.3	-10.7	156.0
17	362	133128	1748	420	140	52405.4	52407.9	-2.5	52801.4	52812.1	-10.7	198.0
17	362	133136	1750	420	135	51826.2	51828.7	-2.5	51757.8	51768.4	-10.6	-34.2
17	362	133144	1752	420	130	51271.6	51274.1	-2.5	50966.2	50976.8	-10.6	-152.7
17	362	133153	1754	420	125	51088.2	51090.7	-2.5	50711.2	50721.8	-10.6	-188.5
17	362	133201	1756	420	120	51324.2	51326.7	-2.5	50976.4	50987.0	-10.6	-173.9
17	362	133210	1758	420	115	51842.0	51844.5	-2.5	51795.0	51805.6	-10.6	-23.5
17	362	133218	1760	420	110	52410.2	52412.7	-2.5	52604.8	52615.4	-10.6	97.3
17	362	133227	1762	420	105	52815.2	52817.7	-2.5	53610.4	53620.9	-10.5	397.6
17	362	133235	1764	420	100	52481.6	52484.1	-2.5	52759.4	52769.9	-10.5	138.9
17	362	133242	1766	420	95	51968.4	51970.9	-2.5	51992.4	52002.9	-10.5	12.0
17	362	133250	1768	420	90	51655.6	51658.1	-2.5	51630.2	51640.7	-10.5	-12.7
17	362	133258	1770	420	85	51482.8	51485.3	-2.5	51469.0	51479.5	-10.5	-6.9
17	362	133306	1772	420	80	51374.0	51376.4	-2.4	51362.6	51373.1	-10.5	-5.7
17	362	133314	1774	420	75	51294.0	51296.4	-2.4	51280.0	51290.4	-10.4	-7.0

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
17	362	133321	1776	420	70	51229.8	51232.2	-2.4	51214.8	51225.2	-10.4	-7.5
17	362	133329	1778	420	65	51168.0	51170.4	-2.4	51131.8	51142.2	-10.4	-18.1
17	362	133337	1780	420	60	51104.0	51106.4	-2.4	51035.6	51046.0	-10.4	-34.2
17	362	133345	1782	420	55	51049.6	51052.0	-2.4	50917.2	50927.6	-10.4	-66.2
17	362	133353	1784	420	50	51132.4	51134.8	-2.4	50850.8	50861.2	-10.4	-140.8
17	362	133401	1786	420	45	51744.0	51746.4	-2.4	51427.2	51437.5	-10.3	-158.4
17	362	133409	1788	420	40	53164.2	53166.6	-2.4	24410.6	24420.9	-10.3	-14376.8
17	362	133418	1790	420	35	54549.4	54551.8	-2.4	55343.6	55353.9	-10.3	397.1
17	362	133426	1792	420	30	54960.8	54963.2	-2.4	56072.6	56082.9	-10.3	555.9
17	362	133435	1794	420	25	54175.4	54177.8	-2.4	54315.6	54325.9	-10.3	70.1
17	362	133443	1796	420	20	53171.4	53173.8	-2.4	53175.6	53185.9	-10.3	2.1
17	362	133451	1798	420	15	52318.4	52320.8	-2.4	52153.0	52163.2	-10.2	-82.7
17	362	133459	1800	420	10	51826.2	51828.6	-2.4	51695.6	51705.8	-10.2	-65.3
17	362	133509	1802	420	5	51613.4	51615.7	-2.3	51531.8	51542.0	-10.2	-40.8
17	362	133517	1804	420	0	51516.2	51518.5	-2.3	51456.0	51466.2	-10.2	-30.1
18	362	133953	1816	410	0	51405.8	51407.0	-1.2	51318.2	51328.3	-10.1	-43.8
18	362	134005	1818	410	5	51477.8	51478.9	-1.1	51344.4	51354.4	-10.0	-66.7
18	362	134014	1820	410	10	51743.4	51744.5	-1.1	51563.2	51573.2	-10.0	-90.1
18	362	134023	1822	410	15	52298.6	52299.6	-1.0	52183.4	52193.4	-10.0	-57.6
18	362	134031	1824	410	20	53470.4	53471.4	-1.0	53874.8	53884.8	-10.0	202.2
18	362	134039	1826	410	25	54858.0	54858.9	-0.9	56144.2	56154.2	-10.0	643.1
18	362	134046	1828	410	30	54535.8	54536.7	-0.9	20961.4	20971.3	-9.9	-16787.2
18	362	134054	1830	410	35	52930.4	52931.3	-0.9	52971.8	52981.7	-9.9	20.7
18	362	134101	1832	410	40	51779.0	51779.8	-0.8	52053.0	52062.9	-9.9	137.0
18	362	134110	1834	410	45	50898.0	50898.8	-0.8	50531.6	50541.5	-9.9	-183.2
18	362	134118	1836	410	50	50688.2	50689.0	-0.8	50368.2	50378.1	-9.9	-160.0
18	362	134126	1838	410	55	50821.8	50822.5	-0.7	50680.2	50690.1	-9.9	-70.8
18	362	134133	1840	410	60	50981.0	50981.7	-0.7	50918.2	50928.1	-9.9	-31.4
18	362	134141	1842	410	65	51097.4	51098.0	-0.6	51064.0	51073.9	-9.9	-16.7
18	362	134148	1844	410	70	51200.2	51200.8	-0.6	51167.4	51177.3	-9.9	-16.4
18	362	134155	1846	410	75	51276.0	51276.6	-0.6	51252.4	51262.3	-9.9	-11.8
18	362	134202	1848	410	80	51368.2	51368.7	-0.5	51339.8	51349.7	-9.9	-14.2
18	362	134210	1850	410	85	51500.0	51500.5	-0.5	51461.4	51471.3	-9.9	-19.3
18	362	134218	1852	410	90	51708.8	51709.3	-0.5	51666.6	51676.5	-9.9	-21.1
18	362	134226	1854	410	95	52034.2	52034.6	-0.4	52035.6	52045.5	-9.9	0.7
18	362	134234	1856	410	100	52458.8	52459.2	-0.4	52587.8	52597.7	-9.9	64.5
18	362	134243	1858	410	105	52733.8	52734.1	-0.3	53101.2	53111.1	-9.9	183.7
18	362	134251	1860	410	110	52526.0	52526.3	-0.3	52556.8	52566.7	-9.9	15.4
18	362	134259	1862	410	115	52322.4	52322.7	-0.3	52369.8	52379.7	-9.9	23.7
18	362	134309	1864	410	120	51959.2	51959.4	-0.2	51650.6	51660.5	-9.9	-154.3
18	362	134318	1866	410	125	51533.4	51533.6	-0.2	51055.0	51064.9	-9.9	-239.2
18	362	134326	1868	410	130	51539.0	51539.1	-0.1	51216.2	51226.1	-9.9	-161.4
18	362	134334	1870	410	135	52005.4	52005.5	-0.1	52107.2	52117.1	-9.9	50.9
18	362	134342	1872	410	140	52308.8	52308.9	-0.1	52964.8	52974.7	-9.9	328.0
18	362	134350	1874	410	145	51571.8	51571.8	0.0	51316.2	51326.0	-9.8	-127.8
18	362	134358	1876	410	150	50634.2	50634.2	0.0	49697.6	49707.4	-9.8	-468.3
18	362	134406	1878	410	155	50288.4	50288.3	0.1	49565.0	49574.8	-9.8	-361.7
18	362	134415	1880	410	160	50582.8	50582.7	0.1	50322.6	50332.4	-9.8	-130.1
18	362	134422	1882	410	165	50901.4	50901.3	0.1	50955.0	50964.8	-9.8	26.8

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
18	362	134430	1884	410	170	50758.0	50757.8	0.2	50463.6	50473.4	-9.8	-147.2
18	362	134438	1886	410	175	50825.0	50824.8	0.2	50687.6	50697.4	-9.8	-68.7
18	362	134445	1888	410	180	51123.4	51123.1	0.3	51088.2	51098.0	-9.8	-17.6
18	362	134452	1890	410	185	51493.4	51493.1	0.3	51556.8	51566.6	-9.8	31.7
18	362	134459	1892	410	190	51728.2	51727.9	0.3	51982.8	51992.6	-9.8	127.3
18	362	134506	1894	410	195	51553.6	51553.2	0.4	51624.2	51634.0	-9.8	35.3
18	362	134514	1896	410	200	51215.8	51215.4	0.4	51177.4	51187.2	-9.8	-19.2
18	362	134522	1898	410	205	50873.6	50873.2	0.4	50742.6	50752.4	-9.8	-65.5
18	362	134530	1900	410	210	50590.0	50589.5	0.5	50335.4	50345.2	-9.8	-127.3
18	362	134537	1902	410	215	50605.2	50604.7	0.5	50469.8	50479.6	-9.8	-67.7
18	362	134545	1904	410	220	50760.8	50760.3	0.5	50717.4	50727.2	-9.8	-21.7
18	362	134552	1906	410	225	50909.8	50909.2	0.6	50900.6	50910.4	-9.8	-4.6
18	362	134600	1908	410	230	51027.4	51026.8	0.6	51029.4	51039.2	-9.8	1.0
19	362	135257	1910	400	230	51012.4	51009.7	2.7	51012.4	51022.0	-9.6	0.0
19	362	135306	1912	400	225	50890.6	50887.9	2.7	50881.6	50891.1	-9.5	-4.5
19	362	135314	1914	400	220	50727.8	50725.1	2.7	50678.2	50687.7	-9.5	-24.8
19	362	135323	1916	400	215	50608.0	50605.2	2.8	50472.4	50481.9	-9.5	-67.8
19	362	135330	1918	400	210	50768.6	50765.8	2.8	50675.8	50685.3	-9.5	-46.4
19	362	135338	1920	400	205	51345.0	51342.1	2.9	51698.4	51707.9	-9.5	176.7
19	362	135346	1922	400	200	52021.0	52018.1	2.9	52784.8	52794.3	-9.5	381.9
19	362	135354	1924	400	195	52194.2	52191.3	2.9	52923.8	52933.3	-9.5	364.8
19	362	135402	1926	400	190	51895.4	51892.4	3.0	52238.0	52247.5	-9.5	171.3
19	362	135424	1928	400	185	51342.0	51338.9	3.1	51379.6	51389.1	-9.5	18.8
19	362	135431	1930	400	180	50956.2	50953.1	3.1	50858.0	50867.5	-9.5	-49.1
19	362	135438	1932	400	175	50718.8	50715.7	3.1	50515.6	50525.1	-9.5	-101.6
19	362	135446	1934	400	170	50672.6	50669.4	3.2	50302.4	50311.9	-9.5	-185.1
19	362	135455	1936	400	165	51089.0	51085.8	3.2	51307.0	51316.5	-9.5	109.0
19	362	135503	1938	400	160	50999.4	50996.1	3.3	50905.8	50915.3	-9.5	-46.8
19	362	135511	1940	400	155	50994.2	50990.9	3.3	50399.4	50408.9	-9.5	-297.4
19	362	135518	1942	400	150	51775.6	51772.3	3.3	51747.8	51757.3	-9.5	-13.9
19	362	135527	1944	400	145	52595.2	52591.8	3.4	52962.0	52971.5	-9.5	183.4
19	362	135534	1946	400	140	52893.2	52889.8	3.4	53615.2	53624.7	-9.5	361.0
19	362	135542	1948	400	135	52308.4	52304.9	3.5	52262.8	52272.3	-9.5	-22.8
19	362	135550	1950	400	130	51964.0	51960.5	3.5	51356.8	51366.3	-9.5	-303.6
19	362	135559	1952	400	125	53656.8	53653.3	3.5	53049.8	53059.3	-9.5	-9303.5
19	362	135607	1954	400	120	54880.0	54876.4	3.6	52179.6	52189.0	-9.4	-1350.2
19	362	135614	1956	400	115	53284.6	53281.0	3.6	53448.8	53458.2	-9.4	82.1
19	362	135622	1958	400	110	52843.0	52839.3	3.7	53046.4	53055.8	-9.4	101.7
19	362	135630	1960	400	105	52906.6	52902.9	3.7	53566.8	53576.2	-9.4	330.1
19	362	135638	1962	400	100	52484.6	52480.9	3.7	52771.8	52781.2	-9.4	143.6
19	362	135645	1964	400	95	51956.0	51952.2	3.8	52001.0	52010.4	-9.4	22.5
19	362	135653	1966	400	90	51620.0	51616.2	3.8	51585.8	51595.2	-9.4	-17.1
19	362	135701	1968	400	85	51419.6	51415.8	3.8	51385.6	51395.0	-9.4	-17.0
19	362	135709	1970	400	80	51310.0	51306.1	3.9	51280.2	51289.6	-9.4	-14.9
19	362	135717	1972	400	75	51220.4	51216.5	3.9	51213.6	51223.0	-9.4	-3.4
19	362	135724	1974	400	70	51148.4	51144.4	4.0	51144.2	51153.6	-9.4	-2.1
19	362	135732	1976	400	65	51053.8	51049.8	4.0	51044.0	51053.4	-9.4	-4.9
19	362	135740	1978	400	60	50911.6	50907.6	4.0	50883.2	50892.6	-9.4	-14.2
19	362	135748	1980	400	55	50673.0	50668.9	4.1	50591.6	50601.0	-9.4	-40.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
19	362	135756	1982	400	50	50235.6	50231.5	4.1	49981.6	49991.0	-9.4	-127.0
19	362	135805	1984	400	45	49881.2	49877.0	4.2	48961.6	48971.0	-9.4	-459.8
19	362	135813	1986	400	40	49846.8	49842.6	4.2	48444.0	48453.4	-9.4	-701.4
19	362	135822	1988	400	35	51373.2	51369.0	4.2	51164.4	51173.8	-9.4	-104.4
19	362	135830	1990	400	30	53063.4	53059.1	4.3	54612.0	54621.4	-9.4	774.3
19	362	135838	1992	400	25	52974.0	52969.7	4.3	53832.0	53841.4	-9.4	429.0
19	362	135848	1994	400	20	52364.0	52359.6	4.4	52386.8	52396.2	-9.4	11.4
19	362	135859	1996	400	15	51574.0	51569.6	4.4	51157.8	51167.2	-9.4	-208.1
19	362	135911	1998	400	10	51320.4	51315.9	4.5	51062.8	51072.1	-9.3	-128.8
19	362	135927	2000	400	5	51304.8	51300.2	4.6	51152.2	51161.5	-9.3	-76.3
19	362	135943	2002	400	0	51329.2	51324.6	4.6	51249.0	51258.3	-9.3	-40.1
20	362	140601	2016	390	0	51350.8	51345.2	5.6	51294.0	51302.4	-8.4	-28.4
20	362	140609	2018	390	5	51342.2	51336.4	5.8	51250.8	51259.1	-8.3	-45.7
20	362	140617	2020	390	10	51385.6	51379.8	5.8	51236.8	51245.1	-8.3	-74.4
20	362	140626	2022	390	15	51537.4	51531.5	5.9	51302.0	51310.3	-8.3	-117.7
20	362	140634	2024	390	20	51927.8	51921.9	5.9	51824.2	51832.5	-8.3	-51.8
20	362	140644	2026	390	25	52142.8	52136.9	5.9	52347.2	52355.4	-8.2	102.2
20	362	140652	2028	390	30	51644.4	51638.5	5.9	51865.0	51873.2	-8.2	110.3
20	362	140700	2030	390	35	50438.8	50432.8	6.0	49769.4	49777.6	-8.2	-334.7
20	362	140709	2032	390	40	49276.4	49270.4	6.0	45616.4	45624.6	-8.2	-1830.0
20	362	140718	2034	390	45	49759.2	49753.2	6.0	49098.4	49106.5	-8.1	-330.4
20	362	140734	2036	390	50	50465.8	50459.7	6.1	50378.4	50386.5	-8.1	-43.7
20	362	140743	2038	390	55	50800.4	50794.3	6.1	50789.8	50797.9	-8.1	-5.3
20	362	140751	2040	390	60	50981.2	50975.1	6.1	50971.4	50979.4	-8.0	-4.9
20	362	140759	2042	390	65	51080.0	51073.9	6.1	51072.6	51080.6	-8.0	-3.7
20	362	140808	2044	390	70	51142.6	51136.5	6.1	51126.4	51134.4	-8.0	-8.1
20	362	140816	2046	390	75	51184.0	51177.8	6.2	51163.6	51171.6	-8.0	-10.2
20	362	140824	2048	390	80	51225.8	51219.6	6.2	51192.8	51200.7	-7.9	-16.5
20	362	140832	2050	390	85	51283.0	51276.8	6.2	51233.2	51241.1	-7.9	-24.9
20	362	140840	2052	390	90	51402.2	51396.0	6.2	51341.4	51349.3	-7.9	-30.4
20	362	140848	2054	390	95	51637.6	51631.3	6.3	51644.4	51652.3	-7.9	3.4
20	362	140857	2056	390	100	52055.4	52049.1	6.3	52379.6	52387.4	-7.8	162.1
20	362	140906	2058	390	105	52233.2	52226.9	6.3	53099.6	53107.4	-7.8	433.2
20	362	140914	2060	390	110	51429.4	51423.1	6.3	51128.8	51136.6	-7.8	-150.3
20	362	140922	2062	390	115	51046.6	51040.2	6.4	50049.0	50056.8	-7.8	-498.8
20	362	140930	2064	390	120	51489.4	51483.0	6.4	52276.6	52284.3	-7.7	393.6
20	362	140939	2066	390	125	50887.4	50881.0	6.4	49937.2	49944.9	-7.7	-475.1
20	362	140947	2068	390	130	51277.6	51271.2	6.4	50534.2	50541.9	-7.7	-371.7
20	362	140955	2070	390	135	52720.8	52714.4	6.4	52832.6	52840.3	-7.7	55.9
20	362	141003	2072	390	140	53395.0	53388.5	6.5	54449.0	54456.7	-7.7	527.0
20	362	141012	2074	390	145	53197.6	53191.1	6.5	53705.8	53713.4	-7.6	254.1
20	362	141020	2076	390	150	52427.8	52421.3	6.5	52544.8	52552.4	-7.6	58.5
20	362	141028	2078	390	155	51702.6	51696.1	6.5	51605.2	51612.8	-7.6	-48.7
20	362	141042	2080	390	160	51160.6	51154.0	6.6	50793.0	50800.5	-7.5	-183.8
20	362	141051	2082	390	165	50728.4	50721.8	6.6	50255.2	50262.7	-7.5	-236.6
20	362	141059	2084	390	170	50490.6	50484.0	6.6	50085.8	50093.3	-7.5	-202.4
20	362	141108	2086	390	175	50586.2	50579.6	6.6	50394.2	50401.7	-7.5	-96.0
20	362	141117	2088	390	180	50797.4	50790.7	6.7	50659.2	50666.6	-7.4	-69.1
20	362	141125	2090	390	185	51118.8	51112.1	6.7	51097.2	51104.6	-7.4	-10.8

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
20	362	141134	2092	390	190	51604.6	51597.9	6.7	51928.2	51935.6	-7.4	161.8
20	362	141143	2094	390	195	51580.6	51573.9	6.7	51926.0	51933.4	-7.4	172.7
20	362	141152	2096	390	200	50719.6	50712.8	6.8	50360.8	50368.1	-7.3	-179.4
20	362	141200	2098	390	205	49993.8	49987.0	6.8	49085.0	49092.3	-7.3	-454.4
20	362	141207	2100	390	210	49828.2	49821.4	6.8	49061.2	49068.5	-7.3	-383.5
20	362	141215	2102	390	215	50282.0	50275.2	6.8	50059.2	50066.5	-7.3	-111.4
20	362	141222	2104	390	220	50652.2	50645.4	6.8	50592.2	50599.4	-7.2	-30.0
20	362	141230	2106	390	225	50891.0	50884.1	6.9	50881.8	50889.0	-7.2	-4.6
20	362	141238	2108	390	230	51058.6	51051.7	6.9	51061.0	51068.2	-7.2	1.2
21	362	141544	2110	380	230	51078.4	51071.0	7.4	51106.8	51113.5	-6.7	14.2
21	362	141553	2112	380	225	50966.0	50958.6	7.4	50970.8	50977.4	-6.6	2.4
21	362	141601	2114	380	220	50801.4	50793.9	7.5	50762.8	50769.4	-6.6	-19.3
21	362	141608	2116	380	215	50624.8	50617.3	7.5	50522.2	50528.8	-6.6	-51.3
21	362	141617	2118	380	210	50472.0	50464.5	7.5	50274.8	50281.4	-6.6	-98.6
21	362	141625	2120	380	205	50676.8	50669.3	7.5	50561.6	50568.1	-6.5	-57.6
21	362	141635	2122	380	200	51041.6	51034.1	7.5	50916.8	50923.3	-6.5	-62.4
21	362	141646	2124	380	195	51148.8	51141.2	7.6	50997.8	51004.3	-6.5	-75.5
21	362	141657	2126	380	190	51091.4	51083.8	7.6	51042.8	51049.2	-6.4	-24.3
21	362	141705	2128	380	185	50839.2	50831.6	7.6	50722.8	50729.2	-6.4	-58.2
21	362	141714	2130	380	180	50620.8	50613.1	7.7	50439.2	50445.6	-6.4	-90.8
21	362	141723	2132	380	175	50452.0	50444.3	7.7	50200.6	50207.0	-6.4	-125.7
21	362	141731	2134	380	170	50513.6	50505.9	7.7	49795.6	49801.9	-6.3	-359.0
21	362	141739	2136	380	165	50956.4	50948.7	7.7	50772.0	50778.3	-6.3	-92.2
21	362	141747	2138	380	160	51428.6	51420.9	7.7	51217.2	51223.5	-6.3	-105.7
21	362	141756	2140	380	155	52420.2	52412.4	7.8	52773.4	52779.7	-6.3	176.6
21	362	141803	2142	380	150	53343.8	53336.0	7.8	54076.4	54082.7	-6.3	366.3
21	362	141811	2144	380	145	53888.2	53880.4	7.8	54899.4	54905.6	-6.2	505.6
21	362	141819	2146	380	140	53684.6	53676.8	7.8	54660.4	54666.6	-6.2	487.9
21	362	141827	2148	380	135	52801.8	52793.9	7.9	52972.0	52978.2	-6.2	85.1
21	362	141836	2150	380	130	51459.4	51451.5	7.9	51057.4	51063.6	-6.2	-201.0
21	362	141844	2152	380	125	50766.2	50758.3	7.9	50340.8	50346.9	-6.1	-212.7
21	362	141851	2154	380	120	50595.4	50587.5	7.9	50449.8	50455.9	-6.1	-72.8
21	362	141900	2156	380	115	50401.4	50393.4	8.0	50069.0	50075.1	-6.1	-166.2
21	362	141908	2158	380	110	50399.8	50391.8	8.0	49979.0	49985.1	-6.1	-210.4
21	362	141915	2160	380	105	50782.4	50774.4	8.0	50506.8	50512.8	-6.0	-137.8
21	362	141923	2162	380	100	51043.4	51035.4	8.0	50941.6	50947.6	-6.0	-50.9
21	362	141930	2164	380	95	51099.0	51091.0	8.0	51000.2	51006.2	-6.0	-49.4
21	362	141938	2166	380	90	51108.0	51099.9	8.1	51055.6	51061.6	-6.0	-26.2
21	362	141945	2168	380	85	51128.4	51120.3	8.1	51098.6	51104.6	-6.0	-14.9
21	362	141952	2170	380	80	51141.4	51133.3	8.1	51124.2	51130.1	-5.9	-8.6
21	362	142000	2172	380	75	51137.8	51129.7	8.1	51130.8	51136.7	-5.9	-3.5
21	362	142007	2174	380	70	51126.0	51117.9	8.1	51125.4	51131.3	-5.9	-0.3
21	362	142015	2176	380	65	51088.2	51080.0	8.2	51110.2	51116.1	-5.9	11.0
21	362	142023	2178	380	60	51056.2	51048.0	8.2	51061.0	51066.8	-5.8	2.4
21	362	142032	2180	380	55	50983.2	50975.0	8.2	50993.4	50999.2	-5.8	5.1
21	362	142039	2182	380	50	50892.4	50884.2	8.2	50854.2	50860.0	-5.8	-19.1
21	362	142047	2184	380	45	50772.4	50764.2	8.2	50521.4	50527.2	-5.8	-125.5
21	362	142055	2186	380	40	50978.8	50970.5	8.3	50830.2	50836.0	-5.8	-74.3
21	362	142103	2188	380	35	51561.0	51552.7	8.3	51683.4	51689.1	-5.7	61.2

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
21	362	142111	2190	380	30	52087.0	52078.7	8.3	52135.2	52140.9	-5.7	24.1
21	362	142119	2192	380	25	52636.2	52627.9	8.3	53081.4	53087.1	-5.7	222.6
21	362	142128	2194	380	20	52634.8	52626.4	8.4	53276.8	53282.5	-5.7	321.0
21	362	142136	2196	380	15	52121.8	52113.4	8.4	52222.6	52228.2	-5.6	50.4
21	362	142143	2198	380	10	51707.2	51698.8	8.4	51655.6	51661.2	-5.6	-25.8
21	362	142152	2200	380	5	51504.8	51496.4	8.4	51454.0	51459.6	-5.6	-25.4
21	362	142200	2202	380	0	51431.4	51423.0	8.4	51393.6	51399.2	-5.6	-18.9
22	362	142950	2214	370	0	51478.8	51469.9	8.9	51440.8	51445.6	-4.8	-19.0
22	362	142958	2216	370	5	51605.0	51596.0	9.0	51543.6	51548.3	-4.7	-30.7
22	362	143006	2218	370	10	51887.0	51878.0	9.0	51806.0	51810.7	-4.7	-40.5
22	362	143013	2220	370	15	52317.2	52308.2	9.0	52328.6	52333.3	-4.7	5.7
22	362	143021	2222	370	20	52857.4	52848.4	9.0	53172.0	53176.7	-4.7	157.3
22	362	143031	2224	370	25	52945.4	52936.4	9.0	53296.4	53301.0	-4.6	175.5
22	362	143149	2226	370	30	52713.0	52703.9	9.1	53033.2	53037.7	-4.5	160.1
22	362	143157	2228	370	35	52375.8	52366.7	9.1	52569.0	52573.5	-4.5	96.6
22	362	143205	2230	370	40	52090.0	52080.9	9.1	52374.2	52378.7	-4.5	142.1
22	362	143214	2232	370	45	51579.4	51570.3	9.1	51621.0	51625.5	-4.5	20.8
22	362	143222	2234	370	50	51191.4	51182.3	9.1	51102.8	51107.3	-4.5	-44.3
22	362	143230	2236	370	55	51072.2	51063.1	9.1	51013.2	51017.6	-4.4	-29.5
22	362	143238	2238	370	60	51065.2	51056.1	9.1	51030.6	51035.0	-4.4	-17.3
22	362	143248	2240	370	65	51081.8	51072.6	9.2	51067.2	51071.6	-4.4	-7.3
22	362	143255	2242	370	70	51101.4	51092.2	9.2	51093.2	51097.6	-4.4	-4.1
22	362	143303	2244	370	75	51107.2	51098.0	9.2	51102.0	51106.4	-4.4	-2.6
22	362	143310	2246	370	80	51110.6	51101.4	9.2	51085.6	51090.0	-4.4	-12.5
22	362	143318	2248	370	85	51085.6	51076.4	9.2	51049.2	51053.6	-4.4	-18.2
22	362	143326	2250	370	90	51043.6	51034.4	9.2	50988.4	50992.7	-4.3	-27.6
22	362	143333	2252	370	95	50988.0	50978.8	9.2	50905.0	50909.3	-4.3	-41.5
22	362	143341	2254	370	100	50928.0	50918.8	9.2	50790.4	50794.7	-4.3	-68.8
22	362	143349	2256	370	105	50893.6	50884.4	9.2	50750.8	50755.1	-4.3	-71.4
22	362	143357	2258	370	110	50953.4	50944.2	9.2	50879.0	50883.3	-4.3	-37.2
22	362	143405	2260	370	115	50960.8	50951.6	9.2	50724.0	50728.3	-4.3	-118.4
22	362	143414	2262	370	120	50974.2	50965.0	9.2	50707.2	50711.5	-4.3	-133.5
22	362	143422	2264	370	125	51094.6	51085.4	9.2	50675.0	50679.3	-4.3	-209.8
22	362	143430	2266	370	130	51602.8	51593.6	9.2	51249.2	51253.4	-4.2	-176.8
22	362	143439	2268	370	135	52842.6	52833.3	9.3	53083.6	53087.8	-4.2	120.5
22	362	143447	2270	370	140	53981.6	53972.3	9.3	55154.0	55158.2	-4.2	586.2
22	362	143456	2272	370	145	53572.4	53563.1	9.3	54440.0	54444.2	-4.2	433.8
22	362	143504	2274	370	150	52653.2	52643.9	9.3	52809.4	52813.6	-4.2	78.1
22	362	143512	2276	370	155	51589.6	51580.3	9.3	51375.2	51379.4	-4.2	-107.2
22	362	143520	2278	370	160	50801.6	50792.3	9.3	50113.4	50117.6	-4.2	-344.1
22	362	143528	2280	370	165	50640.2	50630.9	9.3	50301.8	50305.9	-4.1	-169.2
22	362	143538	2282	370	170	50396.8	50387.5	9.3	49970.6	49974.7	-4.1	-213.1
22	362	143546	2284	370	175	50474.2	50464.9	9.3	50227.6	50231.7	-4.1	-123.3
22	362	143554	2286	370	180	50693.0	50683.7	9.3	50485.6	50489.7	-4.1	-103.7
22	362	143602	2288	370	185	50910.2	50900.9	9.3	50577.6	50581.7	-4.1	-166.3
22	362	143610	2290	370	190	51320.4	51311.1	9.3	51083.0	51087.1	-4.1	-118.7
22	362	143618	2292	370	195	51976.2	51966.9	9.3	52291.2	52295.3	-4.1	157.5
22	362	143626	2294	370	200	52373.2	52363.8	9.4	53303.2	53307.2	-4.0	465.0
22	362	143634	2296	370	205	51916.4	51907.0	9.4	52432.4	52436.4	-4.0	258.0

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
22	362	143642	2298	370	210	51039.0	51029.6	9.4	50737.0	50741.0	-4.0	-151.0
22	362	143650	2300	370	215	50822.0	50812.6	9.4	50371.6	50375.6	-4.0	-225.2
22	362	143659	2302	370	220	50822.0	50812.6	9.4	50664.2	50668.2	-4.0	-78.9
22	362	143707	2304	370	225	50982.4	50973.0	9.4	50981.0	50985.0	-4.0	-0.7
22	362	143714	2306	370	230	51107.8	51098.4	9.4	51119.4	51123.4	-4.0	5.8
23	362	144051	2308	360	230	51086.0	51076.4	9.6	51097.4	51101.0	-3.6	5.7
23	362	144059	2310	360	225	51031.0	51021.4	9.6	51020.8	51024.4	-3.6	-5.1
23	362	144106	2312	360	220	50927.4	50917.8	9.6	50845.4	50849.0	-3.6	-41.0
23	362	144115	2314	360	215	50856.6	50847.0	9.6	50585.0	50588.6	-3.6	-135.8
23	362	144123	2316	360	210	51174.4	51164.8	9.6	50846.2	50849.8	-3.6	-164.1
23	362	144131	2318	360	205	51962.8	51953.2	9.6	52075.0	52078.5	-3.5	56.1
23	362	144138	2320	360	200	52487.0	52477.4	9.6	52652.0	52655.5	-3.5	82.5
23	362	144146	2322	360	195	52765.6	52755.9	9.7	53080.6	53084.1	-3.5	157.5
23	362	144154	2324	360	190	52662.4	52652.7	9.7	53132.2	53135.7	-3.5	234.9
23	362	144202	2326	360	185	52015.8	52006.1	9.7	52192.0	52195.5	-3.5	88.1
23	362	144210	2328	360	180	51372.6	51362.9	9.7	51379.6	51383.1	-3.5	3.5
23	362	144219	2330	360	175	50818.8	50809.1	9.7	50716.8	50720.3	-3.5	-51.0
23	362	144227	2332	360	170	50334.4	50324.7	9.7	49999.8	50003.2	-3.4	-167.3
23	362	144235	2334	360	165	50353.2	50343.5	9.7	49925.4	49928.8	-3.4	-213.9
23	362	144243	2336	360	160	50412.8	50403.1	9.7	50040.8	50044.2	-3.4	-186.0
23	362	144251	2338	360	155	50942.2	50932.5	9.7	50939.4	50942.8	-3.4	-1.4
23	362	144259	2340	360	150	51565.8	51556.1	9.7	51363.4	51366.8	-3.4	-101.2
23	362	144307	2342	360	145	52227.8	52218.1	9.7	51927.6	51931.0	-3.4	-150.1
23	362	144315	2344	360	140	52916.2	52906.5	9.7	53702.2	53705.6	-3.4	393.0
23	362	144322	2346	360	135	52494.8	52485.1	9.7	52880.8	52884.2	-3.4	193.0
23	362	144330	2348	360	130	51585.6	51575.8	9.8	51166.2	51169.5	-3.3	-209.7
23	362	144338	2350	360	125	51533.8	51524.0	9.8	51510.2	51513.5	-3.3	-11.8
23	362	144345	2352	360	120	51913.2	51903.4	9.8	52676.8	52680.1	-3.3	381.8
23	362	144353	2354	360	115	51834.6	51824.8	9.8	52352.0	52355.3	-3.3	258.7
23	362	144401	2356	360	110	51516.6	51506.8	9.8	51620.8	51624.1	-3.3	52.1
23	362	144408	2358	360	105	51392.0	51382.2	9.8	51532.4	51535.7	-3.3	70.2
23	362	144416	2360	360	100	51243.6	51233.8	9.8	51232.0	51235.3	-3.3	-5.8
23	362	144423	2362	360	95	51160.8	51151.0	9.8	51112.8	51116.1	-3.3	-24.0
23	362	144430	2364	360	90	51126.4	51116.6	9.8	51091.0	51094.2	-3.2	-17.7
23	362	144438	2366	360	85	51113.6	51103.8	9.8	51107.0	51110.2	-3.2	-3.3
23	362	144446	2368	360	80	51113.8	51104.0	9.8	51115.2	51118.4	-3.2	0.7
23	362	144454	2370	360	75	51110.0	51100.2	9.8	51103.2	51106.4	-3.2	-3.4
23	362	144501	2372	360	70	51082.8	51073.0	9.8	51076.8	51080.0	-3.2	-3.0
23	362	144510	2374	360	65	51028.2	51018.4	9.8	51019.8	51023.0	-3.2	-4.2
23	362	144517	2376	360	60	50963.6	50953.7	9.9	50927.4	50930.6	-3.2	-18.1
23	362	144525	2378	360	55	50902.2	50892.3	9.9	50802.6	50805.7	-3.1	-49.8
23	362	144533	2380	360	50	50995.6	50985.7	9.9	50789.4	50792.5	-3.1	-103.1
23	362	144541	2382	360	45	51527.2	51517.3	9.9	51608.8	51611.9	-3.1	40.8
23	362	144549	2384	360	40	52269.8	52259.9	9.9	53209.2	53212.3	-3.1	469.7
23	362	144557	2386	360	35	52420.2	52410.3	9.9	52858.4	52861.5	-3.1	219.1
23	362	144605	2388	360	30	52568.8	52558.9	9.9	52752.0	52755.1	-3.1	91.6
23	362	144614	2390	360	25	53232.2	53222.3	9.9	53761.8	53764.9	-3.1	264.8
23	362	144622	2392	360	20	53234.0	53224.1	9.9	53938.2	53941.3	-3.1	352.1
23	362	144630	2394	360	15	52556.8	52546.9	9.9	52634.0	52637.0	-3.0	38.6

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
23	362	144638	2396	360	10	51933.0	51923.1	9.9	51855.2	51858.2	-3.0	-38.9
23	362	144647	2398	360	5	51610.6	51600.7	9.9	51547.6	51550.6	-3.0	-31.5
23	362	144656	2400	360	0	51473.8	51463.9	9.9	51418.4	51421.4	-3.0	-27.7
24	362	145228	2412	350	0	51402.8	51391.1	11.7	51338.0	51340.5	-2.5	-32.4
24	362	145236	2414	350	5	51539.0	51527.2	11.8	51431.6	51434.0	-2.4	-53.7
24	362	145244	2416	350	10	51865.6	51853.7	11.9	51704.8	51707.2	-2.4	-80.4
24	362	145253	2418	350	15	52692.8	52680.9	11.9	52751.6	52754.0	-2.4	29.4
24	362	145301	2420	350	20	53974.4	53962.4	12.0	51988.0	51990.4	-2.4	-993.2
24	362	145309	2422	350	25	53103.6	53091.6	12.0	54182.2	54184.6	-2.4	539.3
24	362	145317	2424	350	30	51526.6	51514.5	12.1	50811.6	50814.0	-2.4	-357.5
24	362	145325	2426	350	35	50744.6	50732.5	12.1	50000.0	50002.3	-2.3	-372.3
24	362	145333	2428	350	40	50576.8	50564.6	12.2	50275.8	50278.1	-2.3	-150.5
24	362	145340	2430	350	45	50430.6	50418.4	12.2	50008.6	50010.9	-2.3	-211.0
24	362	145348	2432	350	50	50504.2	50491.9	12.3	50232.4	50234.7	-2.3	-135.9
24	362	145355	2434	350	55	50702.6	50690.3	12.3	50598.0	50600.3	-2.3	-52.3
24	362	145402	2436	350	60	50883.6	50871.2	12.4	50848.6	50850.9	-2.3	-17.5
24	362	145410	2438	350	65	51003.4	50991.0	12.4	50993.4	50995.7	-2.3	-5.0
24	362	145418	2440	350	70	51084.4	51071.9	12.5	51076.0	51078.2	-2.2	-4.2
24	362	145426	2442	350	75	51131.0	51118.5	12.5	51125.0	51127.2	-2.2	-3.0
24	362	145434	2444	350	80	51153.2	51140.6	12.6	51145.2	51147.4	-2.2	-4.0
24	362	145442	2446	350	85	51174.4	51161.8	12.6	51156.8	51159.0	-2.2	-8.8
24	362	145451	2448	350	90	51218.0	51205.3	12.7	51175.2	51177.4	-2.2	-21.4
24	362	145459	2450	350	95	51347.6	51334.9	12.7	51303.8	51306.0	-2.2	-21.9
24	362	145507	2452	350	100	51653.6	51640.8	12.8	51795.4	51797.6	-2.2	70.9
24	362	145515	2454	350	105	51829.6	51816.8	12.8	52437.6	52439.7	-2.1	304.0
24	362	145524	2456	350	110	51328.4	51315.5	12.9	51136.2	51138.3	-2.1	-96.1
24	362	145532	2458	350	115	51001.8	50988.9	12.9	50599.6	50601.7	-2.1	-201.1
24	362	145541	2460	350	120	50988.4	50975.4	13.0	50661.6	50663.7	-2.1	-163.4
24	362	145549	2462	350	125	51025.4	51012.3	13.1	50725.0	50727.1	-2.1	-150.2
24	362	145557	2464	350	130	51254.4	51241.3	13.1	50857.2	50859.3	-2.1	-198.6
24	362	145605	2466	350	135	51980.2	51967.0	13.2	51825.4	51827.5	-2.1	-77.4
24	362	145614	2468	350	140	52665.0	52651.8	13.2	53732.2	53734.2	-2.0	533.6
24	362	145622	2470	350	145	52518.6	52505.3	13.3	53268.8	53270.8	-2.0	375.1
24	362	145630	2472	350	150	51494.8	51481.5	13.3	51527.4	51529.4	-2.0	16.3
24	362	145639	2474	350	155	50566.2	50552.8	13.4	50123.0	50125.0	-2.0	-221.6
24	362	145646	2476	350	160	50167.0	50153.6	13.4	49498.8	49500.8	-2.0	-334.1
24	362	145654	2478	350	165	50435.4	50421.9	13.5	50149.2	50151.2	-2.0	-143.1
24	362	145702	2480	350	170	50573.0	50559.5	13.5	50188.4	50190.4	-2.0	-192.3
24	362	145710	2482	350	175	51094.6	51081.0	13.6	51018.4	51020.4	-2.0	-38.1
24	362	145719	2484	350	180	51953.4	51939.8	13.6	52064.4	52066.3	-1.9	55.5
24	362	145727	2486	350	185	52846.2	52832.5	13.7	53332.8	53334.7	-1.9	243.3
24	362	145735	2488	350	190	53843.0	53829.3	13.7	55037.4	55039.3	-1.9	597.2
24	362	145743	2490	350	195	53995.2	53981.4	13.8	55346.6	55348.5	-1.9	675.7
24	362	145753	2492	350	200	52995.2	52981.3	13.9	53390.4	53392.3	-1.9	197.6
24	362	145801	2494	350	205	52053.8	52039.9	13.9	51893.6	51895.5	-1.9	-80.1
24	362	145810	2496	350	210	51368.6	51354.6	14.0	51112.4	51114.2	-1.8	-128.1
24	362	145818	2498	350	215	51032.2	51018.2	14.0	50824.8	50826.6	-1.8	-103.7
24	362	145826	2500	350	220	51006.2	50992.1	14.1	50905.4	50907.2	-1.8	-50.4
24	362	145833	2502	350	225	51063.6	51049.5	14.1	51029.0	51030.8	-1.8	-17.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
24	362	145841	2504	350	230	51142.4	51128.2	14.2	51129.4	51131.2	-1.8	-6.5
25	362	150208	2506	340	230	51091.2	51075.7	15.5	51072.2	51073.6	-1.4	-9.5
25	362	150214	2508	340	225	51031.4	51015.9	15.5	50976.8	50978.2	-1.4	-27.3
25	362	150222	2510	340	220	50966.4	50950.8	15.6	50838.6	50840.0	-1.4	-63.9
25	362	150230	2512	340	215	51026.6	51011.0	15.6	50811.2	50812.6	-1.4	-107.7
25	362	150238	2514	340	210	51340.4	51324.7	15.7	51153.8	51155.2	-1.4	-93.3
25	362	150246	2516	340	205	51908.4	51892.7	15.7	51881.2	51882.6	-1.4	-13.6
25	362	150253	2518	340	200	52475.2	52459.4	15.8	52431.8	52433.2	-1.4	-21.7
25	362	150301	2520	340	195	52711.4	52695.6	15.8	52454.6	52456.0	-1.4	-128.4
25	362	150309	2522	340	190	52647.2	52631.3	15.9	52667.6	52668.9	-1.3	10.2
25	362	150317	2524	340	185	52237.2	52221.3	15.9	52255.0	52256.3	-1.3	8.9
25	362	150325	2526	340	180	51661.0	51645.0	16.0	51637.4	51638.7	-1.3	-11.8
25	362	150333	2528	340	175	51056.6	51040.6	16.0	50930.4	50931.7	-1.3	-63.1
25	362	150341	2530	340	170	50553.8	50537.7	16.1	50110.8	50112.1	-1.3	-221.5
25	362	150350	2532	340	165	50108.6	50092.4	16.2	49701.2	49702.5	-1.3	-203.7
25	362	150359	2534	340	160	49719.6	49703.4	16.2	49219.0	49220.3	-1.3	-250.3
25	362	150407	2536	340	155	49900.4	49884.1	16.3	49405.2	49406.4	-1.2	-247.6
25	362	150414	2538	340	150	50777.8	50761.5	16.3	50893.2	50894.4	-1.2	57.7
25	362	150422	2540	340	145	51694.4	51678.0	16.4	52426.2	52427.4	-1.2	365.9
25	362	150430	2542	340	140	52165.2	52148.8	16.4	52961.8	52963.0	-1.2	398.3
25	362	150438	2544	340	135	51704.8	51688.3	16.5	51850.2	51851.4	-1.2	72.7
25	362	150446	2546	340	130	51053.6	51037.1	16.5	50756.4	50757.6	-1.2	-148.6
25	362	150453	2548	340	125	51022.6	51006.0	16.6	50905.6	50906.8	-1.2	-58.5
25	362	150502	2550	340	120	51123.8	51107.2	16.6	51256.8	51257.9	-1.1	66.5
25	362	150510	2552	340	115	51006.0	50989.3	16.7	50816.8	50817.9	-1.1	-94.6
25	362	150519	2554	340	110	51052.0	51035.3	16.7	50717.8	50718.9	-1.1	-167.1
25	362	150526	2556	340	105	51371.8	51355.0	16.8	51217.4	51218.5	-1.1	-77.2
25	362	150534	2558	340	100	51409.6	51392.8	16.8	51355.8	51356.9	-1.1	-26.9
25	362	150542	2560	340	95	51294.8	51277.9	16.9	51218.2	51219.3	-1.1	-38.3
25	362	150550	2562	340	90	51244.0	51227.1	16.9	51209.0	51210.1	-1.1	-17.5
25	362	150557	2564	340	85	51225.6	51208.6	17.0	51205.2	51206.2	-1.0	-10.2
25	362	150605	2566	340	80	51202.6	51185.6	17.0	51196.6	51197.6	-1.0	-3.0
25	362	150613	2568	340	75	51169.6	51152.5	17.1	51173.8	51174.8	-1.0	2.1
25	362	150621	2570	340	70	51115.2	51098.1	17.1	51119.8	51120.8	-1.0	2.3
25	362	150629	2572	340	65	51024.4	51007.2	17.2	51028.4	51029.4	-1.0	2.0
25	362	150635	2574	340	60	50886.8	50869.6	17.2	50872.4	50873.4	-1.0	-7.2
25	362	150643	2576	340	55	50664.2	50646.9	17.3	50610.2	50611.2	-1.0	-27.0
25	362	150651	2578	340	50	50404.2	50386.9	17.3	50225.6	50226.6	-1.0	-89.3
25	362	150659	2580	340	45	50171.0	50153.6	17.4	49840.2	49841.1	-0.9	-165.4
25	362	150708	2582	340	40	50007.0	49989.6	17.4	49445.6	49446.5	-0.9	-280.7
25	362	150716	2584	340	35	50336.4	50318.9	17.5	49538.2	49539.1	-0.9	-399.1
25	362	150723	2586	340	30	51778.2	51760.7	17.5	51847.2	51848.1	-0.9	34.5
25	362	150731	2588	340	25	53705.6	53688.0	17.6	54835.0	54835.9	-0.9	564.7
25	362	150743	2590	340	20	53370.0	53352.3	17.7	54106.0	54106.9	-0.9	368.0
25	362	150752	2592	340	15	52181.8	52164.1	17.7	52048.6	52049.5	-0.9	-66.6
25	362	150801	2594	340	10	51632.6	51614.8	17.8	51438.6	51439.4	-0.8	-97.0
25	362	150810	2596	340	5	51377.2	51359.4	17.8	51283.2	51284.0	-0.8	-47.0
25	362	150818	2598	340	0	51314.6	51296.7	17.9	51252.2	51253.0	-0.8	-31.2
26	17	95357	10	330	0	51221.2	51211.0	10.2	51165.4	51179.0	-13.6	-27.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
26	17	95406	12	330	5	51209.8	51199.6	10.2	51113.4	51127.0	-13.6	-48.2
26	17	95426	14	330	10	51259.2	51249.1	10.1	51116.6	51130.3	-13.7	-71.3
26	17	95435	16	330	15	51439.6	51429.5	10.1	51320.4	51334.2	-13.8	-59.6
26	17	95448	18	330	20	51844.2	51834.1	10.1	52155.8	52169.6	-13.8	155.8
26	17	95457	20	330	25	51618.0	51608.0	10.0	51814.4	51828.3	-13.9	98.2
26	17	95505	22	330	30	50627.6	50617.6	10.0	50282.2	50296.1	-13.9	-172.7
26	17	95512	24	330	35	50033.0	50023.0	10.0	49602.2	49616.2	-14.0	-215.4
26	17	95520	26	330	40	49973.6	49963.6	10.0	49508.8	49522.8	-14.0	-232.4
26	17	95528	28	330	45	50143.6	50133.7	9.9	49803.4	49817.5	-14.1	-170.1
26	17	95535	30	330	50	50452.0	50442.1	9.9	50323.0	50337.1	-14.1	-64.5
26	17	95542	32	330	55	50746.4	50736.5	9.9	50716.4	50730.6	-14.2	-15.0
26	17	95550	34	330	60	50946.4	50936.5	9.9	50949.4	50963.6	-14.2	1.5
26	17	95558	36	330	65	51079.2	51069.3	9.9	51086.4	51100.6	-14.2	3.6
26	17	95605	38	330	70	51161.6	51151.8	9.8	51165.2	51179.5	-14.3	1.8
26	17	95613	40	330	75	51214.8	51205.0	9.8	51212.2	51226.5	-14.3	-1.3
26	17	95620	42	330	80	51247.4	51237.6	9.8	51239.4	51253.8	-14.4	-4.0
26	17	95628	44	330	85	51279.6	51269.8	9.8	51258.2	51272.6	-14.4	-10.7
26	17	95636	46	330	90	51318.6	51308.9	9.7	51283.8	51298.3	-14.5	-17.4
26	17	95643	48	330	95	51355.4	51345.7	9.7	51294.4	51308.9	-14.5	-30.5
26	17	95650	50	330	100	51413.4	51403.7	9.7	51312.6	51327.1	-14.5	-50.4
26	17	95658	52	330	105	51445.4	51435.7	9.7	51346.8	51361.4	-14.6	-49.3
26	17	95706	54	330	110	51398.6	51389.0	9.6	51393.4	51408.0	-14.6	-2.6
26	17	95714	56	330	115	51168.6	51159.0	9.6	51019.6	51034.3	-14.7	-74.5
26	17	95722	58	330	120	50919.2	50909.6	9.6	50559.8	50574.5	-14.7	-179.7
26	17	95730	60	330	125	50899.6	50890.0	9.6	50883.4	50898.2	-14.8	-8.1
26	17	95738	62	330	130	50804.2	50794.7	9.5	50521.4	50536.2	-14.8	-141.4
26	17	95745	64	330	135	50873.4	50863.9	9.5	50866.8	50881.7	-14.9	-3.3
26	17	95753	66	330	140	50590.6	50581.1	9.5	50754.8	50769.7	-14.9	82.1
26	17	95801	68	330	145	49795.2	49785.7	9.5	48961.2	48976.1	-14.9	-417.0
26	17	95809	70	330	150	49107.2	49097.7	9.5	48235.4	48250.4	-15.0	-435.9
26	17	95817	72	330	155	48516.2	48506.8	9.4	58560.2	58575.2	-15.0	5022.0
26	17	95825	74	330	160	48915.6	48906.2	9.4	47754.6	47769.7	-15.1	-580.5
26	17	95833	76	330	165	49889.4	49880.0	9.4	48853.0	48868.1	-15.1	-518.2
26	17	95842	78	330	170	50705.8	50696.4	9.4	50349.4	50364.6	-15.2	-178.2
26	17	95849	80	330	175	51270.6	51261.3	9.3	51176.6	51191.8	-15.2	-47.0
26	17	95856	82	330	180	51815.6	51806.3	9.3	51778.4	51793.7	-15.3	-18.6
26	17	95904	84	330	185	52450.2	52440.9	9.3	52510.8	52526.1	-15.3	30.3
26	17	95912	86	330	190	53264.8	53255.5	9.3	53723.4	53738.7	-15.3	229.3
26	17	95924	88	330	195	53957.0	53947.8	9.2	58583.2	58598.6	-15.4	2313.1
26	17	95931	90	330	200	53201.6	53192.4	9.2	53795.8	53811.3	-15.5	297.1
26	17	95940	92	330	205	51948.4	51939.2	9.2	51746.4	51761.9	-15.5	-101.0
26	17	95947	94	330	210	51099.2	51090.0	9.2	50784.8	50800.3	-15.5	-157.2
26	17	95955	96	330	215	50798.4	50789.3	9.1	50490.2	50505.8	-15.6	-154.1
26	17	100002	98	330	220	50825.0	50815.9	9.1	50663.2	50678.8	-15.6	-80.9
26	17	100010	100	330	225	50947.4	50938.3	9.1	50875.2	50890.9	-15.7	-36.1
26	17	100017	102	330	230	51065.8	51056.7	9.1	51032.6	51048.3	-15.7	-16.6
26	17	100024	104	330	235	51153.6	51144.6	9.0	51141.4	51157.1	-15.7	-6.1
26	17	100031	106	330	240	51219.6	51210.6	9.0	51213.6	51229.4	-15.8	-3.0
26	17	100038	108	330	245	51259.8	51250.8	9.0	51261.2	51277.0	-15.8	0.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
26	17	100141	110	330	250	51308.6	51299.8	8.8	51312.8	51329.0	-16.2	2.1
26	17	100150	112	330	255	51336.2	51327.4	8.8	51341.2	51357.4	-16.2	2.5
26	17	100200	114	330	260	51353.6	51344.8	8.8	51360.0	51376.3	-16.3	3.2
26	17	100209	116	330	265	51372.6	51363.9	8.7	51378.2	51394.5	-16.3	2.8
26	17	100218	118	330	270	51385.0	51376.3	8.7	51388.2	51404.6	-16.4	1.6
26	17	100226	120	330	275	51397.0	51388.3	8.7	51400.8	51417.2	-16.4	1.9
26	17	100234	122	330	280	51405.0	51396.3	8.7	51401.8	51418.3	-16.5	-1.6
26	17	100247	124	330	285	51414.4	51405.8	8.6	51416.8	51433.4	-16.6	1.2
27	17	100726	126	320	295	51425.6	51417.8	7.8	51427.4	51445.5	-18.1	0.9
27	17	100736	128	320	290	51421.4	51413.7	7.7	51422.0	51440.2	-18.2	0.3
27	17	100745	130	320	285	51416.6	51408.9	7.7	51419.4	51437.6	-18.2	1.4
27	17	100755	132	320	280	51402.6	51394.9	7.7	51409.6	51427.9	-18.3	3.5
27	17	100803	134	320	275	51390.4	51382.7	7.7	51391.4	51409.7	-18.3	0.5
27	17	100811	136	320	270	51381.6	51374.0	7.6	51380.4	51398.8	-18.4	-0.6
27	17	100828	138	320	265	51371.0	51363.4	7.6	51375.2	51393.7	-18.5	2.1
27	17	100836	140	320	260	51352.6	51345.0	7.6	51361.4	51379.9	-18.5	4.4
27	17	100843	142	320	255	51330.8	51323.3	7.5	51341.2	51359.8	-18.6	5.2
27	17	100851	144	320	250	51305.2	51297.7	7.5	51312.6	51331.2	-18.6	3.7
27	17	100859	146	320	245	51268.2	51260.7	7.5	51273.4	51292.1	-18.7	2.6
27	17	100906	148	320	240	51216.6	51209.1	7.5	51220.2	51238.9	-18.7	1.8
27	17	100914	150	320	235	51157.4	51149.9	7.5	51150.8	51169.5	-18.7	-3.3
27	17	100923	152	320	230	51057.2	51049.8	7.4	51032.0	51050.8	-18.8	-12.6
27	17	100930	154	320	225	50937.0	50929.6	7.4	50896.0	50914.8	-18.8	-20.5
27	17	100938	156	320	220	50779.8	50772.4	7.4	50668.4	50687.3	-18.9	-55.7
27	17	100945	158	320	215	50601.0	50593.6	7.4	50342.0	50360.9	-18.9	-129.5
27	17	100953	160	320	210	50548.0	50540.7	7.3	50014.0	50033.0	-19.0	-267.0
27	17	101000	162	320	205	51094.6	51087.3	7.3	50431.8	50450.8	-19.0	-331.4
27	17	101007	164	320	200	52716.6	52709.3	7.3	52994.4	53013.5	-19.1	138.9
27	17	101014	166	320	195	54751.2	54743.9	7.3	52059.2	52078.3	-19.1	-1346.0
27	17	101022	168	320	190	52256.6	52249.4	7.2	52154.2	52173.3	-19.1	-51.2
27	17	101029	170	320	185	53144.2	53137.0	7.2	53585.0	53604.2	-19.2	220.4
27	17	101037	172	320	180	52221.6	52214.4	7.2	52274.2	52293.4	-19.2	26.3
27	17	101045	174	320	175	51697.0	51689.8	7.2	51665.2	51684.5	-19.3	-15.9
27	17	101052	176	320	170	51453.0	51445.8	7.2	51351.8	51371.1	-19.3	-50.6
27	17	101100	178	320	165	51283.8	51276.7	7.1	51261.8	51281.1	-19.3	-11.0
27	17	101109	180	320	160	50957.8	50950.7	7.1	51071.8	51091.2	-19.4	57.0
27	17	101116	182	320	155	50621.8	50614.7	7.1	50586.0	50605.4	-19.4	-17.9
27	17	101125	184	320	150	50550.4	50543.3	7.1	50250.6	50270.1	-19.5	-149.9
27	17	101133	186	320	145	50588.4	50581.4	7.0	50288.6	50308.1	-19.5	-149.9
27	17	101140	188	320	140	50776.8	50769.8	7.0	50578.6	50598.2	-19.6	-99.1
27	17	101148	190	320	135	50975.8	50968.8	7.0	50841.6	50861.2	-19.6	-67.1
27	17	101156	192	320	130	51066.2	51059.2	7.0	50967.6	50987.3	-19.7	-49.3
27	17	101203	194	320	125	51133.4	51126.5	6.9	51045.6	51065.3	-19.7	-43.9
27	17	101210	196	320	120	51261.6	51254.7	6.9	51151.8	51171.5	-19.7	-54.9
27	17	101218	198	320	115	51629.0	51622.1	6.9	51602.2	51622.0	-19.8	-13.4
27	17	101226	200	320	110	52306.2	52299.3	6.9	52804.6	52824.4	-19.8	249.2
27	17	101233	202	320	105	52591.2	52584.3	6.9	53741.8	53761.7	-19.9	575.3
27	17	101240	204	320	100	52304.4	52297.6	6.8	52682.0	52701.9	-19.9	188.8
27	17	101248	206	320	95	51761.4	51754.6	6.8	51804.8	51824.8	-20.0	21.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
27	17	101256	208	320	90	51512.0	51505.2	6.8	51498.2	51518.2	-20.0	-6.9
27	17	101304	210	320	85	51377.8	51371.0	6.8	51366.4	51386.4	-20.0	-5.7
27	17	101311	212	320	80	51319.0	51312.3	6.7	51313.2	51333.3	-20.1	-2.9
27	17	101318	214	320	75	51281.0	51274.3	6.7	51281.0	51301.1	-20.1	0.0
27	17	101325	216	320	70	51236.4	51229.7	6.7	51253.0	51273.2	-20.2	8.3
27	17	101333	218	320	65	51183.8	51177.1	6.7	51201.0	51221.2	-20.2	8.6
27	17	101340	220	320	60	51092.2	51085.6	6.6	51114.0	51134.3	-20.3	10.9
27	17	101348	222	320	55	50956.8	50950.2	6.6	50969.8	50990.1	-20.3	6.5
27	17	101355	224	320	50	50744.0	50737.4	6.6	50708.8	50729.1	-20.3	-17.6
27	17	101403	226	320	45	50521.2	50514.6	6.6	50337.2	50357.6	-20.4	-92.0
27	17	101438	228	320	40	50319.4	50312.9	6.5	50116.6	50137.2	-20.6	-101.4
27	17	101446	230	320	35	50213.0	50206.5	6.5	49953.0	49973.6	-20.6	-130.0
27	17	101454	232	320	30	50254.6	50248.2	6.4	49775.0	49795.7	-20.7	-239.8
27	17	101501	234	320	25	50834.6	50828.2	6.4	50686.2	50706.9	-20.7	-74.2
27	17	101509	236	320	20	51461.2	51454.8	6.4	51993.6	52014.4	-20.8	266.2
27	17	101517	238	320	15	51337.4	51331.0	6.4	51345.0	51365.8	-20.8	3.8
27	17	101525	240	320	10	51185.8	51179.5	6.3	51088.8	51109.6	-20.8	-48.5
27	17	101532	242	320	5	51176.6	51170.3	6.3	51111.2	51132.1	-20.9	-32.7
27	17	101539	244	320	0	51205.0	51198.7	6.3	51162.8	51183.7	-20.9	-21.1
28	17	101952	256	310	0	51226.4	51220.4	6.0	51194.4	51215.5	-21.1	-16.0
28	17	102001	258	310	5	51177.4	51171.5	5.9	51115.8	51137.0	-21.2	-30.8
28	17	102008	260	310	10	51165.2	51159.3	5.9	51049.6	51070.8	-21.2	-57.8
28	17	102015	262	310	15	51228.4	51222.5	5.9	51072.0	51093.2	-21.2	-78.2
28	17	102024	264	310	20	51304.0	51298.1	5.9	51397.6	51418.8	-21.2	46.8
28	17	102032	266	310	25	50867.8	50861.9	5.9	50677.0	50698.2	-21.2	-95.4
28	17	102040	268	310	30	50492.2	50486.3	5.9	50026.6	50047.8	-21.2	-232.8
28	17	102051	270	310	35	50504.6	50498.7	5.9	50070.8	50092.0	-21.2	-216.9
28	17	102057	272	310	40	50727.4	50721.5	5.9	50723.0	50744.2	-21.2	-2.2
28	17	102106	274	310	45	50743.0	50737.1	5.9	50485.6	50506.8	-21.2	-128.7
28	17	102113	276	310	50	50857.0	50851.1	5.9	50768.4	50789.6	-21.2	-44.3
28	17	102121	278	310	55	51025.2	51019.3	5.9	51019.4	51040.6	-21.2	-2.9
28	17	102129	280	310	60	51158.0	51152.2	5.8	51166.6	51187.8	-21.2	4.3
28	17	102137	282	310	65	51231.2	51225.4	5.8	51237.4	51258.7	-21.3	3.1
28	17	102144	284	310	70	51273.6	51267.8	5.8	51277.0	51298.3	-21.3	1.7
28	17	102152	286	310	75	51308.2	51302.4	5.8	51298.0	51319.3	-21.3	-5.1
28	17	102159	288	310	80	51328.0	51322.2	5.8	51313.0	51334.3	-21.3	-7.5
28	17	102208	290	310	85	51368.4	51362.6	5.8	51329.2	51350.5	-21.3	-19.6
28	17	102215	292	310	90	51447.2	51441.4	5.8	51385.0	51406.3	-21.3	-31.1
28	17	102222	294	310	95	51632.4	51626.6	5.8	51562.0	51583.3	-21.3	-35.2
28	17	102230	296	310	100	51983.0	51977.2	5.8	52051.2	52072.5	-21.3	34.1
28	17	102239	298	310	105	52451.6	52445.8	5.8	53126.2	53147.5	-21.3	337.3
28	17	102247	300	310	110	52234.0	52228.2	5.8	52901.6	52922.9	-21.3	333.8
28	17	102255	302	310	115	51501.6	51495.9	5.7	51252.6	51273.9	-21.3	-124.5
28	17	102303	304	310	120	51306.0	51300.3	5.7	50945.2	50966.5	-21.3	-180.4
28	17	102311	306	310	125	51475.2	51469.5	5.7	51490.2	51511.5	-21.3	7.5
28	17	102318	308	310	130	51605.6	51599.9	5.7	51511.2	51532.5	-21.3	-47.2
28	17	102326	310	310	135	51913.2	51907.5	5.7	51867.0	51888.3	-21.3	-23.1
28	17	102334	312	310	140	52342.6	52336.9	5.7	52530.2	52551.5	-21.3	93.8
28	17	102341	314	310	145	52686.0	52680.3	5.7	53060.0	53081.3	-21.3	187.0

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
28	17	102349	316	310	150	52894.4	52888.7	5.7	53623.4	53644.7	-21.3	364.5
28	17	102358	318	310	155	52929.4	52923.7	5.7	53414.2	53435.5	-21.3	242.4
28	17	102407	320	310	160	52774.6	52768.9	5.7	58541.4	58562.7	-21.3	2883.4
28	17	102415	322	310	165	52253.8	52248.1	5.7	52403.0	52424.3	-21.3	74.6
28	17	102423	324	310	170	51645.8	51640.1	5.7	51404.0	51425.3	-21.3	-120.9
28	17	102431	326	310	175	51553.2	51547.6	5.6	51401.0	51422.3	-21.3	-76.1
28	17	102438	328	310	180	51807.2	51801.6	5.6	51688.0	51709.3	-21.3	-59.6
28	17	102445	330	310	185	52236.0	52230.4	5.6	52297.6	52318.9	-21.3	30.8
28	17	102453	332	310	190	52770.2	52764.6	5.6	53107.2	53128.5	-21.3	168.5
28	17	102501	334	310	195	52563.0	52557.4	5.6	52988.2	53009.5	-21.3	212.6
28	17	102510	336	310	200	51274.0	51268.4	5.6	52080.6	52102.0	-21.4	403.3
28	17	102518	338	310	205	50627.8	50622.2	5.6	50096.0	50117.4	-21.4	-265.9
28	17	102526	340	310	210	50518.8	50513.2	5.6	50198.4	50219.8	-21.4	-160.2
28	17	102534	342	310	215	50583.4	50577.8	5.6	50322.8	50344.2	-21.4	-130.3
28	17	102542	344	310	220	50744.2	50738.6	5.6	50626.4	50647.8	-21.4	-58.9
28	17	102549	346	310	225	50910.8	50905.2	5.6	50857.0	50878.4	-21.4	-26.9
28	17	102556	348	310	230	51044.6	51039.1	5.5	51021.6	51043.0	-21.4	-11.5
28	17	102604	350	310	235	51135.6	51130.1	5.5	51125.2	51146.6	-21.4	-5.2
28	17	102611	352	310	240	51213.2	51207.7	5.5	51200.4	51221.8	-21.4	-6.4
28	17	102618	354	310	245	51260.6	51255.1	5.5	51251.2	51272.6	-21.4	-4.7
28	17	102626	356	310	250	51294.4	51288.9	5.5	51291.6	51313.0	-21.4	-1.4
28	17	102823	358	310	255	51327.6	51322.2	5.4	51324.6	51346.0	-21.4	-1.5
28	17	102832	360	310	260	51350.2	51344.8	5.4	51345.6	51367.0	-21.4	-2.3
28	17	102840	362	310	265	51363.0	51357.6	5.4	51365.2	51386.7	-21.5	1.1
28	17	102853	364	310	270	51376.0	51370.6	5.4	51375.8	51397.3	-21.5	-0.1
28	17	102902	366	310	275	51390.0	51384.7	5.3	51393.2	51414.7	-21.5	1.6
28	17	102911	368	310	280	51400.6	51395.3	5.3	51405.2	51426.7	-21.5	2.3
28	17	102919	370	310	285	51408.6	51403.3	5.3	51408.8	51430.3	-21.5	0.1
28	17	102928	372	310	290	51409.8	51404.5	5.3	51408.6	51430.1	-21.5	-0.6
28	17	102942	374	310	295	51420.6	51415.3	5.3	51420.8	51442.3	-21.5	0.1
28	17	102954	376	310	300	51425.0	51419.7	5.3	51426.2	51447.7	-21.5	0.6
29	17	103457	378	300	300	51422.4	51417.5	4.9	51418.6	51440.2	-21.6	-1.9
29	17	103506	380	300	295	51420.8	51415.9	4.9	51422.6	51444.2	-21.6	0.9
29	17	103517	382	300	290	51413.2	51408.3	4.9	51412.4	51434.0	-21.6	-0.4
29	17	103530	384	300	285	51409.6	51404.7	4.9	51404.2	51425.8	-21.6	-2.7
29	17	103539	386	300	280	51401.2	51396.3	4.9	51398.0	51419.6	-21.6	-1.6
29	17	103604	388	300	275	51387.6	51382.7	4.9	51391.4	51413.1	-21.7	1.9
29	17	103613	390	300	270	51380.4	51375.5	4.9	51374.6	51396.3	-21.7	-2.9
29	17	103621	392	300	265	51366.2	51361.3	4.9	51360.2	51381.9	-21.7	-3.0
29	17	103634	394	300	260	51349.6	51344.8	4.8	51341.8	51363.5	-21.7	-3.9
29	17	103646	396	300	255	51322.4	51317.6	4.8	51330.0	51351.7	-21.7	3.8
29	17	103654	398	300	250	51289.4	51284.6	4.8	51292.8	51314.5	-21.7	1.7
29	17	103706	400	300	245	51245.4	51240.6	4.8	51252.8	51274.5	-21.7	3.7
29	17	103713	402	300	240	51198.8	51194.0	4.8	51192.0	51213.7	-21.7	-3.4
29	17	103721	404	300	235	51114.0	51109.2	4.8	51111.2	51132.9	-21.7	-1.4
29	17	103729	406	300	230	51017.8	51013.0	4.8	50991.2	51012.9	-21.7	-13.3
29	17	103736	408	300	225	50888.2	50883.4	4.8	50848.4	50870.1	-21.7	-19.9
29	17	103744	410	300	220	50739.2	50734.4	4.8	50624.0	50645.7	-21.7	-57.6
29	17	103752	412	300	215	50612.0	50607.2	4.8	50372.4	50394.1	-21.7	-119.8

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
29	17	103800	414	300	210	50597.6	50592.9	4.7	50178.8	50200.5	-21.7	-209.4
29	17	103808	416	300	205	50775.6	50770.9	4.7	50275.4	50297.1	-21.7	-250.1
29	17	103817	418	300	200	51258.6	51253.9	4.7	50613.4	50635.1	-21.7	-322.6
29	17	103825	420	300	195	51970.4	51965.7	4.7	51951.6	51973.3	-21.7	-9.4
29	17	103832	422	300	190	52075.4	52070.7	4.7	52149.8	52171.5	-21.7	37.2
29	17	103839	424	300	185	51757.0	51752.3	4.7	51677.8	51699.5	-21.7	-39.6
29	17	103846	426	300	180	51443.8	51439.1	4.7	51294.6	51316.3	-21.7	-74.6
29	17	103854	428	300	175	51230.6	51225.9	4.7	50983.8	51005.5	-21.7	-123.4
29	17	103902	430	300	170	51306.0	51301.3	4.7	50845.8	50867.5	-21.7	-230.1
29	17	103910	432	300	165	51973.2	51968.5	4.7	51818.8	51840.5	-21.7	-77.2
29	17	103919	434	300	160	53079.0	53074.3	4.7	54263.4	54285.1	-21.7	592.2
29	17	103927	436	300	155	53395.8	53391.1	4.7	54411.8	54433.6	-21.8	508.0
29	17	103935	438	300	150	53452.8	53448.2	4.6	54405.4	54427.2	-21.8	476.3
29	17	103943	440	300	145	53513.8	53509.2	4.6	54063.6	54085.4	-21.8	274.9
29	17	103951	442	300	140	53262.2	53257.6	4.6	53993.4	54015.2	-21.8	365.6
29	17	103958	444	300	135	52578.8	52574.2	4.6	52736.6	52758.4	-21.8	78.9
29	17	104006	446	300	130	51918.2	51913.6	4.6	51687.8	51709.6	-21.8	-115.2
29	17	104014	448	300	125	51677.8	51673.2	4.6	51598.2	51620.0	-21.8	-39.8
29	17	104022	450	300	120	51402.4	51397.8	4.6	51930.8	51952.6	-21.8	264.2
29	17	104030	452	300	115	50643.6	50639.0	4.6	49660.6	49682.4	-21.8	-491.5
29	17	104037	454	300	110	50997.6	50993.0	4.6	50605.6	50627.4	-21.8	-196.0
29	17	104046	456	300	105	51628.0	51623.4	4.6	52189.8	52211.6	-21.8	280.9
29	17	104054	458	300	100	31137.8	31133.2	4.6	52057.6	52079.4	-21.8	10459.9
29	17	104102	460	300	95	51454.2	51449.7	4.5	50964.2	50986.0	-21.8	-245.0
29	17	104109	462	300	90	51309.4	51304.9	4.5	51219.2	51241.0	-21.8	-45.1
29	17	104117	464	300	85	51327.8	51323.3	4.5	51230.6	51252.4	-21.8	-48.6
29	17	104124	466	300	80	51408.6	51404.1	4.5	51260.8	51282.6	-21.8	-73.9
29	17	104131	468	300	75	51321.6	51317.1	4.5	51315.8	51337.6	-21.8	-2.9
29	17	104138	470	300	70	51298.0	51293.5	4.5	51305.2	51327.0	-21.8	3.6
29	17	104145	472	300	65	51259.2	51254.7	4.5	51276.6	51298.4	-21.8	8.7
29	17	104152	474	300	60	51175.0	51170.5	4.5	51192.4	51214.2	-21.8	8.7
29	17	104158	476	300	55	50980.4	50975.9	4.5	50957.8	50979.6	-21.8	-11.3
29	17	104206	478	300	50	50720.2	50715.7	4.5	49801.2	49823.0	-21.8	-459.5
29	17	104258	480	300	45	52266.0	52261.6	4.4	50456.4	50478.3	-21.9	-904.8
29	17	104306	482	300	40	51481.6	51477.2	4.4	52329.8	52351.7	-21.9	424.1
29	17	104314	484	300	35	50959.2	50954.8	4.4	50852.4	50874.3	-21.9	-53.4
29	17	104322	486	300	30	50726.6	50722.2	4.4	50510.0	50531.9	-21.9	-108.3
29	17	104330	488	300	25	50286.4	50282.0	4.4	49103.2	49125.1	-21.9	-591.6
29	17	104337	490	300	20	10698.6	10694.2	4.4	10507.6	10529.5	-21.9	-95.5
29	17	104345	492	300	15	51154.4	51150.0	4.4	50346.4	50368.3	-21.9	-404.0
29	17	104352	494	300	10	51123.2	51118.8	4.4	50973.0	50994.9	-21.9	-75.1
29	17	104358	496	300	5	51197.6	51193.3	4.3	51155.2	51177.1	-21.9	-21.2
29	17	104405	498	300	0	51244.8	51240.5	4.3	51224.6	51246.5	-21.9	-10.1
30	17	115739	520	290	0	51250.2	51275.8	-25.6	51237.6	51289.1	-51.5	-6.3
30	17	115748	522	290	5	51195.2	51220.9	-25.7	51173.2	51224.8	-51.6	-11.0
30	17	115802	524	290	10	51094.4	51120.1	-25.7	51042.0	51093.6	-51.6	-26.2
30	17	115811	526	290	15	50928.0	50953.8	-25.8	50804.2	50855.9	-51.7	-61.9
30	17	115819	528	290	20	50697.0	50722.8	-25.8	50460.0	50511.7	-51.7	-118.5
30	17	115827	530	290	25	50520.6	50546.4	-25.8	50077.0	50128.7	-51.7	-221.8

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
30	17	115835	532	290	30	50436.8	50462.6	-25.8	49735.8	49787.5	-51.7	-350.5
30	17	115843	534	290	35	50596.2	50622.1	-25.9	50358.0	50409.8	-51.8	-119.1
30	17	115851	536	290	40	50340.4	50366.3	-25.9	49550.6	49602.4	-51.8	-394.9
30	17	115858	538	290	45	50375.2	50401.1	-25.9	50073.0	50124.8	-51.8	-151.1
30	17	115906	540	290	50	50797.4	50823.4	-26.0	50783.8	50835.7	-51.9	-6.8
30	17	115914	542	290	55	51115.4	51141.4	-26.0	51128.4	51180.3	-51.9	6.5
30	17	115922	544	290	60	51239.6	51265.6	-26.0	51261.0	51312.9	-51.9	10.7
30	17	115929	546	290	65	51286.6	51312.6	-26.0	51296.0	51347.9	-51.9	4.7
30	17	115936	548	290	70	51297.2	51323.3	-26.1	51303.6	51355.6	-52.0	3.2
30	17	115943	550	290	75	51294.0	51320.1	-26.1	51281.6	51333.6	-52.0	-6.2
30	17	115950	552	290	80	51270.0	51296.1	-26.1	51230.4	51282.4	-52.0	-19.8
30	17	115958	554	290	85	51247.0	51273.1	-26.1	51213.6	51265.6	-52.0	-16.7
30	17	120005	556	290	90	51200.4	51226.6	-26.2	51128.6	51180.7	-52.1	-35.9
30	17	120013	558	290	95	51100.2	51126.4	-26.2	50967.2	51019.3	-52.1	-66.5
30	17	120020	560	290	100	50997.2	51023.4	-26.2	50826.2	50878.3	-52.1	-85.5
30	17	120029	562	290	105	50939.0	50965.3	-26.3	50658.2	50710.4	-52.2	-140.4
30	17	120037	564	290	110	50825.0	50851.3	-26.3	50406.8	50459.0	-52.2	-209.1
30	17	120045	566	290	115	50942.8	50969.1	-26.3	50619.2	50671.4	-52.2	-161.8
30	17	120053	568	290	120	51228.6	51254.9	-26.3	51063.8	51116.0	-52.2	-82.4
30	17	120101	570	290	125	51577.6	51604.0	-26.4	51363.2	51415.5	-52.3	-107.2
30	17	120109	572	290	130	51982.8	52009.2	-26.4	51797.4	51849.7	-52.3	-92.7
30	17	120117	574	290	135	52777.4	52803.8	-26.4	52982.4	53034.7	-52.3	102.5
30	17	120126	576	290	140	53392.6	53419.1	-26.5	54432.0	54484.4	-52.4	519.7
30	17	120134	578	290	145	53094.6	53121.1	-26.5	53490.8	53543.2	-52.4	198.1
30	17	120143	580	290	150	52277.4	52303.9	-26.5	52096.8	52149.2	-52.4	-90.3
30	17	120151	582	290	155	51856.6	51883.2	-26.6	51783.2	51835.7	-52.5	-36.7
30	17	120159	584	290	160	51278.4	51305.0	-26.6	51409.0	51461.5	-52.5	65.3
30	17	120207	586	290	165	50848.2	50874.8	-26.6	50079.8	50132.3	-52.5	-384.2
30	17	120225	588	290	170	51065.2	51091.9	-26.7	7160.4	7213.0	-52.6	-21952.4
30	17	120234	590	290	175	51027.0	51053.7	-26.7	50769.0	50821.6	-52.6	-129.0
30	17	120241	592	290	180	51458.0	51484.7	-26.7	51336.8	51389.4	-52.6	-60.6
30	17	120249	594	290	185	52123.0	52149.8	-26.8	52203.4	52256.1	-52.7	40.2
30	17	120258	596	290	190	53063.6	53090.4	-26.8	53812.8	53865.5	-52.7	374.6
30	17	120306	598	290	195	53659.4	53686.2	-26.8	54564.2	54616.9	-52.7	452.4
30	17	120313	600	290	200	52948.2	52975.1	-26.9	53393.2	53445.9	-52.7	222.5
30	17	120321	602	290	205	51935.6	51962.5	-26.9	52068.0	52120.8	-52.8	66.2
30	17	120329	604	290	210	50968.6	50995.5	-26.9	50698.6	50751.4	-52.8	-135.0
30	17	120337	606	290	215	50668.4	50695.3	-26.9	50379.2	50432.0	-52.8	-144.6
30	17	120345	608	290	220	50719.4	50746.4	-27.0	50561.2	50614.1	-52.9	-79.1
30	17	120353	610	290	225	50853.0	50880.0	-27.0	50797.0	50849.9	-52.9	-28.0
30	17	120400	612	290	230	50992.0	51019.0	-27.0	50970.0	51022.9	-52.9	-11.0
30	17	120411	614	290	235	51099.2	51126.3	-27.1	51068.4	51121.4	-53.0	-15.4
30	17	120418	616	290	240	51169.8	51196.9	-27.1	51161.2	51214.2	-53.0	-4.3
30	17	120425	618	290	245	51224.4	51251.5	-27.1	51228.2	51281.2	-53.0	1.9
30	17	120434	620	290	250	51268.4	51295.5	-27.1	51270.4	51323.4	-53.0	1.0
30	17	120539	622	290	255	51301.4	51328.8	-27.4	51291.2	51344.5	-53.3	-5.1
30	17	120547	624	290	260	51322.4	51349.8	-27.4	51322.2	51375.5	-53.3	-0.1
30	17	120555	626	290	265	51344.2	51371.6	-27.4	51330.8	51384.1	-53.3	-6.7
30	17	120603	628	290	270	51358.0	51385.5	-27.5	51344.2	51397.6	-53.4	-6.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
30	17	120612	630	290	275	51365.6	51393.1	-27.5	51357.4	51410.8	-53.4	-4.1
30	17	120620	632	290	280	51371.8	51399.3	-27.5	51368.2	51421.6	-53.4	-1.8
30	17	120628	634	290	285	51382.6	51410.2	-27.6	51375.4	51428.9	-53.5	-3.6
30	17	120635	636	290	290	51386.8	51414.4	-27.6	51381.8	51435.3	-53.5	-2.5
30	17	120644	638	290	295	51393.0	51420.6	-27.6	51387.2	51440.7	-53.5	-2.9
30	17	120651	640	290	300	51395.6	51423.2	-27.6	51393.0	51446.5	-53.5	-1.3
30	17	120659	642	290	305	51400.0	51427.7	-27.7	51398.2	51451.8	-53.6	-0.9
31	17	121649	644	280	310	51398.4	51428.2	-29.8	51384.8	51440.5	-55.7	-6.8
31	17	121657	646	280	305	51403.4	51433.2	-29.8	51403.8	51459.5	-55.7	0.2
31	17	121704	648	280	300	51401.6	51431.5	-29.9	51393.4	51449.2	-55.8	-4.1
31	17	121712	650	280	295	51394.8	51424.7	-29.9	51389.8	51445.6	-55.8	-2.5
31	17	121720	652	280	290	51390.2	51420.1	-29.9	51381.6	51437.4	-55.8	-4.3
31	17	121727	654	280	285	51382.8	51412.7	-29.9	51379.0	51434.9	-55.9	-1.9
31	17	121735	656	280	280	51375.4	51405.4	-30.0	51368.6	51424.5	-55.9	-3.4
31	17	121743	658	280	275	51363.0	51393.0	-30.0	51359.0	51414.9	-55.9	-2.0
31	17	121750	660	280	270	51350.8	51380.8	-30.0	51343.8	51399.7	-55.9	-3.5
31	17	121757	662	280	265	51346.0	51376.1	-30.1	51338.0	51394.0	-56.0	-4.0
31	17	121805	664	280	260	51333.2	51363.3	-30.1	51329.2	51385.2	-56.0	-2.0
31	17	121813	666	280	255	51307.8	51337.9	-30.1	51314.2	51370.2	-56.0	3.2
31	17	121820	668	280	250	51272.4	51302.5	-30.1	51277.8	51333.8	-56.0	2.7
31	17	121835	670	280	245	51221.8	51252.0	-30.2	51227.8	51283.9	-56.1	3.0
31	17	121851	672	280	240	51172.0	51202.3	-30.3	51171.4	51227.6	-56.2	-0.3
31	17	121900	674	280	235	51082.4	51112.7	-30.3	51079.0	51135.2	-56.2	-1.7
31	17	121907	676	280	230	50960.8	50991.1	-30.3	50944.6	51000.8	-56.2	-8.1
31	17	121915	678	280	225	50790.4	50820.7	-30.3	50727.8	50784.0	-56.2	-31.3
31	17	121923	680	280	220	50567.0	50597.4	-30.4	50388.0	50444.3	-56.3	-89.5
31	17	121934	682	280	215	50428.4	50458.8	-30.4	50038.6	50094.9	-56.3	-194.9
31	17	121942	684	280	210	50628.0	50658.4	-30.4	50118.4	50174.7	-56.3	-254.8
31	17	121951	686	280	205	51638.8	51669.3	-30.5	51029.8	51086.2	-56.4	-304.5
31	17	121959	688	280	200	53467.6	53498.1	-30.5	52083.0	52139.4	-56.4	-692.3
31	17	122007	690	280	195	54127.6	54158.1	-30.5	58546.2	58602.6	-56.4	2209.3
31	17	122015	692	280	190	52808.2	52838.8	-30.6	53135.6	53192.1	-56.5	163.7
31	17	122024	694	280	185	51684.2	51714.8	-30.6	51546.4	51602.9	-56.5	-68.9
31	17	122031	696	280	180	51180.0	51210.6	-30.6	51019.6	51076.1	-56.5	-80.2
31	17	122039	698	280	175	50866.2	50896.8	-30.6	50701.6	50758.1	-56.5	-82.3
31	17	122048	700	280	170	50646.8	50677.5	-30.7	50411.8	50468.4	-56.6	-117.5
31	17	122056	702	280	165	50596.0	50626.7	-30.7	50299.8	50356.4	-56.6	-148.1
31	17	122103	704	280	160	50662.4	50693.1	-30.7	50487.0	50543.6	-56.6	-87.7
31	17	122111	706	280	155	50809.6	50840.4	-30.8	50372.8	50429.5	-56.7	-218.4
31	17	122119	708	280	150	51486.6	51517.4	-30.8	51186.8	51243.5	-56.7	-149.9
31	17	122127	710	280	145	52641.2	52672.0	-30.8	53062.0	53118.7	-56.7	210.4
31	17	122135	712	280	140	53178.6	53209.4	-30.8	54259.4	54316.1	-56.7	540.4
31	17	122143	714	280	135	52649.4	52680.3	-30.9	52823.2	52880.0	-56.8	86.9
31	17	122151	716	280	130	51967.8	51998.7	-30.9	51857.6	51914.4	-56.8	-55.1
31	17	122159	718	280	125	51624.0	51654.9	-30.9	51547.6	51604.4	-56.8	-38.2
31	17	122206	720	280	120	51456.0	51487.0	-31.0	51429.2	51486.1	-56.9	-13.4
31	17	122213	722	280	115	51343.2	51374.2	-31.0	51379.6	51436.5	-56.9	18.2
31	17	122220	724	280	110	51234.8	51265.8	-31.0	51224.4	51281.3	-56.9	-5.2
31	17	122228	726	280	105	51191.4	51222.4	-31.0	51147.6	51204.5	-56.9	-21.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
31	17	122235	728	280	100	51216.0	51247.1	-31.1	51166.4	51223.4	-57.0	-24.8
31	17	122242	730	280	95	51235.6	51266.7	-31.1	51209.2	51266.2	-57.0	-13.2
31	17	122250	732	280	90	51277.2	51308.3	-31.1	51256.0	51313.0	-57.0	-10.6
31	17	122256	734	280	85	51300.6	51331.7	-31.1	51294.6	51351.6	-57.0	-3.0
31	17	122303	736	280	80	51317.4	51348.6	-31.2	51313.6	51370.7	-57.1	-1.9
31	17	122311	738	280	75	51329.2	51360.4	-31.2	51330.6	51387.7	-57.1	0.7
31	17	122318	740	280	70	51333.6	51364.8	-31.2	51337.2	51394.3	-57.1	1.8
31	17	122325	742	280	65	51333.0	51364.2	-31.2	51335.0	51392.1	-57.1	1.0
31	17	122333	744	280	60	51317.0	51348.3	-31.3	51329.8	51387.0	-57.2	6.4
31	17	122442	746	280	55	51277.4	51308.9	-31.5	51306.6	51364.0	-57.4	14.6
31	17	122449	748	280	50	51236.0	51267.6	-31.6	51276.8	51334.3	-57.5	20.4
31	17	122458	750	280	45	51167.2	51198.8	-31.6	51220.2	51277.7	-57.5	26.5
31	17	122505	752	280	40	51090.8	51122.4	-31.6	51132.0	51189.5	-57.5	20.6
31	17	122513	754	280	35	51054.2	51085.8	-31.6	51079.2	51136.7	-57.5	12.5
31	17	122521	756	280	30	51048.2	51079.9	-31.7	51049.4	51107.0	-57.6	0.6
31	17	122529	758	280	25	51083.2	51114.9	-31.7	51073.8	51131.4	-57.6	-4.7
31	17	122537	760	280	20	51136.0	51167.7	-31.7	51129.8	51187.4	-57.6	-3.1
31	17	122546	762	280	15	51190.0	51221.8	-31.8	51171.4	51229.1	-57.7	-9.3
31	17	122554	764	280	10	51242.4	51274.2	-31.8	51232.2	51289.9	-57.7	-5.1
31	17	122601	766	280	5	51273.6	51305.4	-31.8	51272.4	51330.1	-57.7	-0.6
31	17	122609	768	280	0	51300.0	51331.8	-31.8	51299.4	51357.1	-57.7	-0.3
32	17	123458	780	270	0	51353.4	51383.0	-29.6	51348.4	51404.5	-56.1	-2.5
32	17	123506	782	270	5	51326.4	51356.0	-29.6	51334.2	51390.4	-56.2	3.9
32	17	123512	784	270	10	51316.0	51345.6	-29.6	51310.2	51366.4	-56.2	-2.9
32	17	123519	786	270	15	51296.8	51326.4	-29.6	51295.8	51352.0	-56.2	-0.5
32	17	123526	788	270	20	51277.0	51306.6	-29.6	51276.0	51332.2	-56.2	-0.5
32	17	123534	790	270	25	51251.6	51281.1	-29.5	51226.4	51282.5	-56.1	-12.6
32	17	123541	792	270	30	51254.6	51284.1	-29.5	50944.8	51000.9	-56.1	-154.9
32	17	123549	794	270	35	51121.8	51151.2	-29.4	50924.0	50980.1	-56.1	-98.9
32	17	123557	796	270	40	51252.4	51281.8	-29.4	51254.4	51310.4	-56.0	1.0
32	17	123605	798	270	45	51314.0	51343.4	-29.4	51327.8	51383.8	-56.0	6.9
32	17	123612	800	270	50	51339.4	51368.7	-29.3	51347.2	51403.2	-56.0	3.9
32	17	123620	802	270	55	51356.6	51385.9	-29.3	51359.8	51415.8	-56.0	1.6
32	17	123627	804	270	60	51365.4	51394.7	-29.3	51362.4	51418.3	-55.9	-1.5
32	17	123635	806	270	65	51367.4	51396.6	-29.2	51361.0	51416.9	-55.9	-3.2
32	17	123643	808	270	70	51366.8	51396.0	-29.2	51356.0	51411.9	-55.9	-5.4
32	17	123651	810	270	75	51367.2	51396.3	-29.1	51367.8	51423.7	-55.9	0.3
32	17	123658	812	270	80	51358.2	51387.3	-29.1	51353.6	51409.4	-55.8	-2.3
32	17	123709	814	270	85	51350.4	51379.5	-29.1	51342.8	51398.6	-55.8	-3.8
32	17	123717	816	270	90	51345.2	51374.2	-29.0	51353.4	51409.2	-55.8	4.1
32	17	123725	818	270	95	51340.2	51369.2	-29.0	51318.6	51374.3	-55.7	-10.8
32	17	123733	820	270	100	51343.4	51372.3	-28.9	51324.4	51380.1	-55.7	-9.5
32	17	123741	822	270	105	51360.4	51389.3	-28.9	51343.4	51399.1	-55.7	-8.5
32	17	123748	824	270	110	51390.8	51419.7	-28.9	51364.8	51420.5	-55.7	-13.0
32	17	123756	826	270	115	51436.0	51464.8	-28.8	51396.2	51451.8	-55.6	-19.9
32	17	123803	828	270	120	51506.8	51535.6	-28.8	51445.8	51501.4	-55.6	-30.5
32	17	123812	830	270	125	51643.4	51672.2	-28.8	51540.4	51596.0	-55.6	-51.5
32	17	123819	832	270	130	51951.6	51980.3	-28.7	51819.4	51875.0	-55.6	-66.1
32	17	123828	834	270	135	52537.6	52566.3	-28.7	52708.2	52763.7	-55.5	85.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
32	17	123839	836	270	140	52911.0	52939.6	-28.6	53591.2	53646.7	-55.5	340.1
32	17	123848	838	270	145	52147.8	52176.4	-28.6	52371.2	52426.7	-55.5	111.7
32	17	123856	840	270	150	50875.6	50904.1	-28.5	49843.8	49899.2	-55.4	-515.9
32	17	123904	842	270	155	50519.8	50548.3	-28.5	49896.6	49952.0	-55.4	-311.6
32	17	123911	844	270	160	50648.6	50677.1	-28.5	50542.6	50598.0	-55.4	-53.0
32	17	123919	846	270	165	50591.2	50619.6	-28.4	50327.6	50383.0	-55.4	-131.8
32	17	123927	848	270	170	50635.0	50663.4	-28.4	50441.8	50497.1	-55.3	-96.6
32	17	123934	850	270	175	50773.6	50802.0	-28.4	50646.2	50701.5	-55.3	-63.7
32	17	123942	852	270	180	50936.4	50964.7	-28.3	50860.8	50916.1	-55.3	-37.8
32	17	123949	854	270	185	51072.6	51100.9	-28.3	51049.8	51105.1	-55.3	-11.4
32	17	123957	856	270	190	51174.0	51202.3	-28.3	51020.8	51076.0	-55.2	-76.6
32	17	124004	858	270	195	51212.6	51240.8	-28.2	51069.8	51125.0	-55.2	-71.4
32	17	124012	860	270	200	51135.2	51163.4	-28.2	51152.8	51208.0	-55.2	8.8
32	17	124020	862	270	205	50862.4	50890.5	-28.1	50926.2	50981.4	-55.2	31.9
32	17	124028	864	270	210	50341.2	50369.3	-28.1	49863.8	49918.9	-55.1	-238.7
32	17	124036	866	270	215	50227.2	50255.3	-28.1	49783.6	49838.7	-55.1	-221.8
32	17	124044	868	270	220	50505.4	50533.4	-28.0	50310.2	50365.3	-55.1	-97.6
32	17	124052	870	270	225	50770.0	50798.0	-28.0	50706.4	50761.4	-55.0	-31.8
32	17	124100	872	270	230	50983.4	51011.4	-28.0	50955.4	51010.4	-55.0	-14.0
32	17	124108	874	270	235	51110.4	51138.3	-27.9	51107.6	51162.6	-55.0	-1.4
32	17	124116	876	270	240	51193.0	51220.9	-27.9	51193.6	51248.6	-55.0	0.3
32	17	124125	878	270	245	51251.8	51279.6	-27.8	51261.2	51316.1	-54.9	4.7
32	17	124141	880	270	250	51293.2	51321.0	-27.8	51286.6	51341.5	-54.9	-3.3
32	17	125530	882	270	255	51328.8	51352.6	-23.8	51333.8	51385.9	-52.1	2.5
32	17	125538	884	270	260	51375.8	51399.6	-23.8	51394.6	51446.6	-52.0	9.4
32	17	125546	886	270	265	51374.2	51397.9	-23.7	51432.4	51484.4	-52.0	29.1
32	17	125554	888	270	270	51304.6	51328.3	-23.7	51193.6	51245.6	-52.0	-55.5
32	17	125602	890	270	275	51367.0	51390.7	-23.7	51362.0	51413.9	-51.9	-2.5
32	17	125609	892	270	280	51385.4	51409.0	-23.6	51381.4	51433.3	-51.9	-2.0
32	17	125617	894	270	285	51393.4	51417.0	-23.6	51391.2	51443.1	-51.9	-1.1
32	17	125624	896	270	290	51398.2	51421.7	-23.5	51396.8	51448.7	-51.9	-0.7
32	17	125631	898	270	295	51402.2	51425.7	-23.5	51403.0	51454.8	-51.8	0.4
32	17	125640	900	270	300	51406.2	51429.7	-23.5	51403.8	51455.6	-51.8	-1.2
32	17	125648	902	270	305	51411.4	51434.8	-23.4	51394.8	51446.6	-51.8	-8.3
32	17	125655	904	270	310	51411.4	51434.8	-23.4	51391.2	51443.0	-51.8	-10.1
33	17	130233	906	260	320	51418.6	51440.4	-21.8	51421.6	51472.2	-50.6	1.5
33	17	130241	908	260	315	51416.8	51438.5	-21.7	51420.2	51470.8	-50.6	1.7
33	17	130248	910	260	310	51413.6	51435.3	-21.7	51420.2	51470.8	-50.6	3.3
33	17	130255	912	260	305	51409.0	51430.7	-21.7	51412.0	51462.5	-50.5	1.5
33	17	130302	914	260	300	51406.6	51428.2	-21.6	51408.2	51458.7	-50.5	0.8
33	17	130309	916	260	295	51401.8	51423.4	-21.6	51405.2	51455.7	-50.5	1.7
33	17	130316	918	260	290	51396.8	51418.4	-21.6	51399.4	51449.9	-50.5	1.3
33	17	130323	920	260	285	51391.4	51412.9	-21.5	51390.4	51440.8	-50.4	-0.5
33	17	130330	922	260	280	51385.6	51407.1	-21.5	51392.2	51442.6	-50.4	3.3
33	17	130340	924	260	275	51377.8	51399.3	-21.5	51383.2	51433.6	-50.4	2.7
33	17	130347	926	260	270	51366.0	51387.4	-21.4	51374.0	51424.4	-50.4	4.0
33	17	130354	928	260	265	51354.0	51375.4	-21.4	51359.4	51409.7	-50.3	2.7
33	17	130401	930	260	260	51337.6	51359.0	-21.4	51342.0	51392.3	-50.3	2.2
33	17	130409	932	260	255	51313.0	51334.3	-21.3	51324.0	51374.3	-50.3	5.5

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
33	17	130416	934	260	250	51286.2	51307.5	-21.3	51296.2	51346.5	-50.3	5.0
33	17	130424	936	260	245	51246.6	51267.9	-21.3	51255.4	51305.6	-50.2	4.4
33	17	130431	938	260	240	51192.0	51213.2	-21.2	51194.4	51244.6	-50.2	1.2
33	17	130441	940	260	235	51104.4	51125.6	-21.2	51115.8	51166.0	-50.2	5.7
33	17	130448	942	260	230	50970.8	50991.9	-21.1	50967.0	51017.2	-50.2	-1.9
33	17	130456	944	260	225	50767.6	50788.7	-21.1	50700.8	50750.9	-50.1	-33.4
33	17	130504	946	260	220	50474.4	50495.5	-21.1	50267.8	50317.9	-50.1	-103.3
33	17	130511	948	260	215	50189.8	50210.8	-21.0	49715.4	49765.5	-50.1	-237.2
33	17	130519	950	260	210	50134.0	50155.0	-21.0	49686.0	49736.1	-50.1	-224.0
33	17	130527	952	260	205	50342.6	50363.6	-21.0	49896.8	49946.8	-50.0	-222.9
33	17	130535	954	260	200	50614.2	50635.1	-20.9	50324.6	50374.6	-50.0	-144.8
33	17	130542	956	260	195	50803.6	50824.5	-20.9	50608.8	50658.8	-50.0	-97.4
33	17	130550	958	260	190	50892.0	50912.8	-20.8	50767.8	50817.7	-49.9	-62.1
33	17	130556	960	260	185	50882.2	50903.0	-20.8	50808.0	50857.9	-49.9	-37.1
33	17	130603	962	260	180	50815.0	50835.8	-20.8	50736.2	50786.1	-49.9	-39.4
33	17	130610	964	260	175	50716.6	50737.4	-20.8	50588.0	50637.9	-49.9	-64.3
33	17	130618	966	260	170	50663.0	50683.7	-20.7	50440.4	50490.3	-49.9	-111.3
33	17	130625	968	260	165	50826.8	50847.5	-20.7	50646.6	50696.4	-49.8	-90.1
33	17	130632	970	260	160	51131.8	51152.4	-20.6	51132.0	51181.8	-49.8	0.1
33	17	130640	972	260	155	51535.0	51555.6	-20.6	51706.8	51756.6	-49.8	85.9
33	17	130648	974	260	150	52049.8	52070.4	-20.6	52208.2	52258.0	-49.8	79.2
33	17	130656	976	260	145	52570.6	52591.1	-20.5	52688.0	52737.7	-49.7	58.7
33	17	130703	978	260	140	52821.8	52842.3	-20.5	53999.4	54049.1	-49.7	588.8
33	17	130711	980	260	135	52108.0	52128.5	-20.5	52065.6	52115.3	-49.7	-21.2
33	17	130720	982	260	130	51683.4	51703.8	-20.4	51580.8	51630.4	-49.6	-51.3
33	17	130727	984	260	125	51530.2	51550.6	-20.4	51461.8	51511.4	-49.6	-34.2
33	17	130734	986	260	120	51451.0	51471.4	-20.4	51397.8	51447.4	-49.6	-26.6
33	17	130741	988	260	115	51410.0	51430.3	-20.3	51369.0	51418.6	-49.6	-20.5
33	17	130751	990	260	110	51397.0	51417.3	-20.3	51367.0	51416.5	-49.5	-15.0
33	17	130758	992	260	105	51388.0	51408.2	-20.2	51371.4	51420.9	-49.5	-8.3
33	17	130806	994	260	100	51382.2	51402.4	-20.2	51363.8	51413.3	-49.5	-9.2
33	17	130814	996	260	95	51378.4	51398.6	-20.2	51369.2	51418.7	-49.5	-4.6
33	17	130822	998	260	90	51377.4	51397.5	-20.1	51370.6	51420.0	-49.4	-3.4
33	17	130829	1000	260	85	51379.6	51399.7	-20.1	51379.0	51428.4	-49.4	-0.3
33	17	130837	1002	260	80	51383.2	51403.3	-20.1	51383.6	51433.0	-49.4	0.2
33	17	130845	1004	260	75	51386.0	51406.0	-20.0	51377.2	51426.5	-49.3	-4.4
33	17	130854	1006	260	70	51391.6	51411.6	-20.0	51381.6	51430.9	-49.3	-5.0
33	17	131140	1008	260	65	51388.6	51407.8	-19.2	51395.4	51444.2	-48.8	3.4
33	17	131148	1010	260	60	51387.2	51406.3	-19.1	51396.0	51444.7	-48.7	4.4
33	17	131155	1012	260	55	51384.4	51403.5	-19.1	51397.0	51445.7	-48.7	6.3
33	17	131203	1014	260	50	51378.6	51397.7	-19.1	51371.0	51419.7	-48.7	-3.8
33	17	131212	1016	260	45	51350.8	51369.8	-19.0	51363.6	51412.2	-48.6	6.4
33	17	131218	1018	260	40	51294.2	51313.2	-19.0	51319.0	51367.6	-48.6	12.4
33	17	131225	1020	260	35	51148.0	51167.0	-19.0	51180.8	51229.4	-48.6	16.4
33	17	131232	1022	260	30	51211.2	51230.1	-18.9	51202.0	51250.6	-48.6	-4.6
33	17	131240	1024	260	25	51311.0	51329.9	-18.9	51305.6	51354.2	-48.6	-2.7
33	17	131247	1026	260	20	51351.0	51369.9	-18.9	51349.6	51398.1	-48.5	-0.7
33	17	131255	1028	260	15	51357.6	51376.4	-18.8	51361.2	51409.7	-48.5	1.8
33	17	131306	1030	260	10	51359.8	51378.6	-18.8	51359.6	51408.1	-48.5	-0.1

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
33	17	131317	1032	260	5	51368.4	51387.1	-18.7	51371.8	51420.2	-48.4	1.7
33	17	131327	1034	260	0	51375.6	51394.3	-18.7	51372.2	51420.6	-48.4	-1.7
34	17	132300	1046	250	0	51392.4	51412.6	-20.2	51393.4	51443.1	-49.7	0.5
34	17	132310	1048	250	5	51386.6	51406.6	-20.0	51382.0	51431.6	-49.6	-2.3
34	17	132330	1050	250	10	51388.2	51408.2	-20.0	51389.4	51439.0	-49.6	0.6
34	17	132344	1052	250	15	51390.6	51410.7	-20.1	51380.8	51430.4	-49.6	-4.9
34	17	132355	1054	250	20	51388.2	51408.3	-20.1	51381.8	51431.5	-49.7	-3.2
34	17	132404	1056	250	25	51384.4	51404.5	-20.1	51379.8	51429.5	-49.7	-2.3
34	17	132411	1058	250	30	51389.2	51409.4	-20.2	51375.2	51424.9	-49.7	-7.0
34	17	132419	1060	250	35	51390.0	51410.2	-20.2	51377.0	51426.7	-49.7	-6.5
34	17	132427	1062	250	40	51395.4	51415.6	-20.2	51396.2	51446.0	-49.8	0.4
34	17	132436	1064	250	45	51398.8	51419.0	-20.2	51393.2	51443.0	-49.8	-2.8
34	17	132444	1066	250	50	51405.0	51425.3	-20.3	51385.0	51434.8	-49.8	-10.0
34	17	132452	1068	250	55	51402.8	51423.1	-20.3	51384.4	51434.2	-49.8	-9.2
34	17	132501	1070	250	60	51408.6	51428.9	-20.3	51375.0	51424.8	-49.8	-16.8
34	17	132508	1072	250	65	51405.2	51425.5	-20.3	51403.0	51452.9	-49.9	-1.1
34	17	132517	1074	250	70	51402.0	51422.4	-20.4	51374.0	51423.9	-49.9	-14.0
34	17	132525	1076	250	75	51400.0	51420.4	-20.4	51380.8	51430.7	-49.9	-9.6
34	17	132532	1078	250	80	51397.2	51417.6	-20.4	51376.8	51426.7	-49.9	-10.2
34	17	132541	1080	250	85	51394.8	51415.2	-20.4	51374.2	51424.1	-49.9	-10.3
34	17	132549	1082	250	90	51394.4	51414.9	-20.5	51375.6	51425.6	-50.0	-9.4
34	17	132558	1084	250	95	51396.0	51416.5	-20.5	51358.6	51408.6	-50.0	-18.7
34	17	132606	1086	250	100	51457.2	51477.7	-20.5	51340.4	51390.4	-50.0	-58.4
34	17	132615	1088	250	105	51990.6	52011.1	-20.5	9443.8	9493.8	-50.0	-21273.4
34	17	132623	1090	250	110	51531.6	51552.2	-20.6	51250.2	51300.3	-50.1	-140.7
34	17	132631	1092	250	115	51430.6	51451.2	-20.6	51341.8	51391.9	-50.1	-44.4
34	17	132640	1094	250	120	51477.6	51498.2	-20.6	51386.4	51436.5	-50.1	-45.6
34	17	132647	1096	250	125	51597.4	51618.0	-20.6	51486.2	51536.3	-50.1	-55.6
34	17	132655	1098	250	130	51851.6	51872.3	-20.7	51666.4	51716.5	-50.1	-92.6
34	17	132703	1100	250	135	52348.0	52368.7	-20.7	52479.2	52529.4	-50.2	65.6
34	17	132711	1102	250	140	52747.2	52767.9	-20.7	53256.2	53306.4	-50.2	254.5
34	17	132719	1104	250	145	52656.0	52676.7	-20.7	53443.2	53493.4	-50.2	393.6
34	17	132727	1106	250	150	51953.0	51973.8	-20.8	52040.0	52090.2	-50.2	43.5
34	17	132735	1108	250	155	51455.4	51476.2	-20.8	51530.6	51580.8	-50.2	37.6
34	17	132742	1110	250	160	51064.2	51085.0	-20.8	51158.4	51208.7	-50.3	47.1
34	17	132750	1112	250	165	50682.0	50702.8	-20.8	50283.4	50333.7	-50.3	-199.3
34	17	132758	1114	250	170	50736.0	50756.9	-20.9	50556.2	50606.5	-50.3	-89.9
34	17	132805	1116	250	175	50909.8	50930.7	-20.9	50823.0	50873.3	-50.3	-43.4
34	17	132813	1118	250	180	51057.6	51078.5	-20.9	51005.0	51055.3	-50.3	-26.3
34	17	132820	1120	250	185	51146.8	51167.7	-20.9	51106.6	51157.0	-50.4	-20.1
34	17	132827	1122	250	190	51177.8	51198.7	-20.9	51078.0	51128.4	-50.4	-49.9
34	17	132834	1124	250	195	51233.2	51254.2	-21.0	51185.0	51235.4	-50.4	-24.1
34	17	132842	1126	250	200	51314.0	51335.0	-21.0	51430.0	51480.4	-50.4	58.0
34	17	132850	1128	250	205	51240.2	51261.2	-21.0	51369.2	51419.6	-50.4	64.5
34	17	132858	1130	250	210	51011.2	51032.2	-21.0	50896.6	50947.1	-50.5	-57.3
34	17	132906	1132	250	215	50942.0	50963.1	-21.1	50808.2	50858.7	-50.5	-66.9
34	17	132914	1134	250	220	50995.6	51016.7	-21.1	50954.0	51004.5	-50.5	-20.8
34	17	132921	1136	250	225	51093.0	51114.1	-21.1	51074.4	51124.9	-50.5	-9.3
34	17	132929	1138	250	230	51170.8	51191.9	-21.1	51144.6	51195.1	-50.5	-13.1

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
34	17	132942	1140	250	235	51224.4	51245.6	-21.2	51226.6	51277.2	-50.6	1.1
34	17	132949	1142	250	240	51269.8	51291.0	-21.2	51262.6	51313.2	-50.6	-3.6
34	17	132956	1144	250	245	51300.4	51321.6	-21.2	51281.0	51331.6	-50.6	-9.7
34	17	133004	1146	250	250	51326.0	51347.2	-21.2	51317.0	51367.6	-50.6	-4.5
34	17	133117	1148	250	255	51342.2	51363.6	-21.4	51307.4	51358.2	-50.8	-17.4
34	17	133128	1150	250	260	51361.4	51382.9	-21.5	51359.8	51410.6	-50.8	-0.8
34	17	133137	1152	250	265	51372.2	51393.7	-21.5	51363.8	51414.7	-50.9	-4.2
34	17	133145	1154	250	270	51383.4	51404.9	-21.5	51376.8	51427.7	-50.9	-3.3
34	17	133154	1156	250	275	51392.8	51414.4	-21.6	51376.8	51427.7	-50.9	-8.0
34	17	133202	1158	250	280	51401.8	51423.4	-21.6	51392.2	51443.1	-50.9	-4.8
34	17	133210	1160	250	285	51404.2	51425.8	-21.6	51392.2	51443.1	-50.9	-6.0
34	17	133218	1162	250	290	51413.2	51434.8	-21.6	51390.0	51441.0	-51.0	-11.6
34	17	133226	1164	250	295	51415.8	51437.5	-21.7	51401.2	51452.2	-51.0	-7.3
34	17	133233	1166	250	300	51420.0	51441.7	-21.7	51407.4	51458.4	-51.0	-6.3
34	17	133241	1168	250	305	51422.0	51443.7	-21.7	51408.0	51459.0	-51.0	-7.0
34	17	133249	1170	250	310	51417.4	51439.1	-21.7	51414.0	51465.0	-51.0	-1.7
34	17	133256	1172	250	315	51420.8	51442.5	-21.7	51420.4	51471.5	-51.1	-0.2
35	17	133945	1174	240	325	51431.8	51454.8	-23.0	51417.8	51469.9	-52.1	-7.0
35	17	133953	1176	240	320	51423.4	51446.4	-23.0	51418.4	51470.5	-52.1	-2.5
35	17	133959	1178	240	315	51419.8	51442.8	-23.0	51417.4	51469.6	-52.2	-1.2
35	17	134009	1180	240	310	51417.6	51440.7	-23.1	51414.8	51467.0	-52.2	-1.4
35	17	134016	1182	240	305	51414.6	51437.7	-23.1	51410.2	51462.4	-52.2	-2.2
35	17	134023	1184	240	300	51409.6	51432.7	-23.1	51406.6	51458.8	-52.2	-1.5
35	17	134031	1186	240	295	51408.4	51431.5	-23.1	51399.8	51452.0	-52.2	-4.3
35	17	134037	1188	240	290	51402.6	51425.7	-23.1	51401.0	51453.2	-52.2	-0.8
35	17	134044	1190	240	285	51396.2	51419.4	-23.2	51397.2	51449.5	-52.3	0.5
35	17	134052	1192	240	280	51390.2	51413.4	-23.2	51385.8	51438.1	-52.3	-2.2
35	17	134059	1194	240	275	51382.2	51405.4	-23.2	51377.0	51429.3	-52.3	-2.6
35	17	134107	1196	240	270	51373.8	51397.0	-23.2	51369.0	51421.3	-52.3	-2.4
35	17	134114	1198	240	265	51361.0	51384.2	-23.2	51359.6	51411.9	-52.3	-0.7
35	17	134122	1200	240	260	51345.2	51368.5	-23.3	51342.8	51395.2	-52.4	-1.2
35	17	134129	1202	240	255	51330.2	51353.5	-23.3	51323.8	51376.2	-52.4	-3.2
35	17	134143	1204	240	250	51309.8	51333.1	-23.3	51302.6	51355.0	-52.4	-3.6
35	17	134152	1206	240	245	51277.8	51301.2	-23.4	51268.2	51320.6	-52.4	-4.8
35	17	134201	1208	240	240	51242.0	51265.4	-23.4	51239.6	51292.1	-52.5	-1.2
35	17	134208	1210	240	235	51204.6	51228.0	-23.4	51195.4	51247.9	-52.5	-4.6
35	17	134216	1212	240	230	51170.4	51193.8	-23.4	51142.0	51194.5	-52.5	-14.2
35	17	134225	1214	240	225	51163.0	51186.5	-23.5	51109.8	51162.3	-52.5	-26.6
35	17	134232	1216	240	220	51264.2	51287.7	-23.5	51182.8	51235.3	-52.5	-40.7
35	17	134240	1218	240	215	51602.0	51625.5	-23.5	51629.8	51682.4	-52.6	13.9
35	17	134247	1220	240	210	51983.4	52006.9	-23.5	52205.2	52257.8	-52.6	110.9
35	17	134255	1222	240	205	52173.2	52196.7	-23.5	52255.4	52308.0	-52.6	41.1
35	17	134302	1224	240	200	52160.0	52183.6	-23.6	52248.4	52301.0	-52.6	44.2
35	17	134309	1226	240	195	51942.4	51966.0	-23.6	51981.0	52033.6	-52.6	19.3
35	17	134316	1228	240	190	51642.6	51666.2	-23.6	51625.8	51678.5	-52.7	-8.4
35	17	134323	1230	240	185	51367.0	51390.6	-23.6	51332.6	51385.3	-52.7	-17.2
35	17	134330	1232	240	180	51101.8	51125.5	-23.7	51047.4	51100.1	-52.7	-27.2
35	17	134337	1234	240	175	50835.2	50858.9	-23.7	50703.0	50755.7	-52.7	-66.1
35	17	134344	1236	240	170	50616.6	50640.3	-23.7	50342.6	50395.3	-52.7	-137.0

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
35	17	134352	1238	240	165	50616.8	50640.5	-23.7	50270.8	50323.5	-52.7	-173.0
35	17	134400	1240	240	160	50923.2	50946.9	-23.7	50426.0	50478.8	-52.8	-248.6
35	17	134408	1242	240	155	51719.4	51743.2	-23.8	51448.6	51501.4	-52.8	-135.4
35	17	134416	1244	240	150	52486.8	52510.6	-23.8	52965.8	53018.6	-52.8	239.5
35	17	134424	1246	240	145	52670.0	52693.8	-23.8	52945.2	52998.0	-52.8	137.6
35	17	134433	1248	240	140	52431.6	52455.4	-23.8	52679.0	52731.9	-52.9	123.7
35	17	134441	1250	240	135	51899.2	51923.1	-23.9	51776.6	51829.5	-52.9	-61.3
35	17	134450	1252	240	130	51626.0	51649.9	-23.9	51521.8	51574.7	-52.9	-52.1
35	17	134459	1254	240	125	51503.4	51527.3	-23.9	51434.8	51487.7	-52.9	-34.3
35	17	134506	1256	240	120	51448.4	51472.3	-23.9	51402.2	51455.1	-52.9	-23.1
35	17	134513	1258	240	115	51413.6	51437.6	-24.0	51376.6	51429.6	-53.0	-18.5
35	17	134522	1260	240	110	51324.0	51348.0	-24.0	51400.8	51453.8	-53.0	38.4
35	17	134530	1262	240	105	51388.8	51412.8	-24.0	51358.8	51411.8	-53.0	-15.0
35	17	134537	1264	240	100	51392.6	51416.6	-24.0	51374.8	51427.8	-53.0	-8.9
35	17	134545	1266	240	95	51400.4	51424.5	-24.1	51383.2	51436.2	-53.0	-8.6
35	17	134551	1268	240	90	51398.8	51422.9	-24.1	51381.0	51434.1	-53.1	-8.9
35	17	134558	1270	240	85	51395.8	51419.9	-24.1	51386.6	51439.7	-53.1	-4.6
35	17	134609	1272	240	80	51404.0	51428.1	-24.1	51381.6	51434.7	-53.1	-11.2
35	17	134920	1274	240	75	51399.2	51423.9	-24.7	51384.4	51438.0	-53.6	-7.4
35	17	134929	1276	240	70	51395.8	51420.5	-24.7	51395.4	51449.0	-53.6	-0.2
35	17	134937	1278	240	65	51403.6	51428.4	-24.8	51392.0	51445.6	-53.6	-5.8
35	17	134946	1280	240	60	51401.0	51425.8	-24.8	51393.4	51447.1	-53.7	-3.8
35	17	135002	1282	240	55	51398.0	51422.8	-24.8	51403.2	51456.9	-53.7	2.6
35	17	135011	1284	240	50	51411.0	51435.9	-24.9	51409.6	51463.3	-53.7	-0.7
35	17	135020	1286	240	45	51428.6	51453.5	-24.9	51424.4	51478.2	-53.8	-2.1
35	17	135028	1288	240	40	51410.4	51435.3	-24.9	51419.2	51473.0	-53.8	4.4
35	17	135036	1290	240	35	51400.0	51424.9	-24.9	51404.0	51457.8	-53.8	2.0
35	17	135044	1292	240	30	51395.8	51420.8	-25.0	51398.6	51452.4	-53.8	1.4
35	17	135051	1294	240	25	51395.2	51420.2	-25.0	51404.8	51458.6	-53.8	4.8
35	17	135059	1296	240	20	51394.8	51419.8	-25.0	51403.0	51456.8	-53.8	4.1
35	17	135106	1298	240	15	51395.2	51420.2	-25.0	51400.2	51454.1	-53.9	2.5
35	17	135114	1300	240	10	51396.0	51421.1	-25.1	51402.0	51455.9	-53.9	3.0
35	17	135122	1302	240	5	51395.8	51420.9	-25.1	51405.6	51459.5	-53.9	4.9
35	17	135130	1304	240	0	51398.6	51423.7	-25.1	51398.0	51451.9	-53.9	-0.3
36	17	140040	1316	230	0	51405.6	51428.8	-23.2	51413.6	51462.5	-48.9	4.0
36	17	140048	1318	230	5	51405.2	51428.5	-23.3	51412.4	51461.4	-49.0	3.6
36	17	140057	1320	230	10	51408.8	51432.1	-23.3	51406.0	51454.9	-48.9	-1.4
36	17	140106	1322	230	15	51406.8	51430.1	-23.3	51408.2	51457.0	-48.8	0.7
36	17	140113	1324	230	20	51403.0	51426.2	-23.2	51414.0	51462.7	-48.7	5.5
36	17	140121	1326	230	25	51403.6	51426.8	-23.2	51410.0	51458.6	-48.6	3.2
36	17	140131	1328	230	30	51401.6	51424.8	-23.2	51417.2	51465.7	-48.5	7.8
36	17	140138	1330	230	35	51396.8	51419.9	-23.1	51402.8	51451.3	-48.5	3.0
36	17	140146	1332	230	40	51371.2	51394.3	-23.1	51348.6	51397.0	-48.4	-11.3
36	17	140154	1334	230	45	51333.2	51356.3	-23.1	51102.0	51150.3	-48.3	-115.6
36	17	140203	1336	230	50	51388.0	51411.0	-23.0	51394.6	51442.8	-48.2	3.3
36	17	140212	1338	230	55	51401.4	51424.4	-23.0	51403.2	51451.3	-48.1	0.9
36	17	140227	1340	230	60	51403.2	51426.1	-22.9	51403.8	51451.8	-48.0	0.3
36	17	140236	1342	230	65	51405.0	51427.9	-22.9	51402.6	51450.5	-47.9	-1.2
36	17	140243	1344	230	70	51406.8	51429.7	-22.9	51406.0	51453.8	-47.8	-0.4

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
36	17	140252	1346	230	75	51404.4	51427.2	-22.8	51403.0	51450.7	-47.7	-0.7
36	17	140300	1348	230	80	51398.8	51421.6	-22.8	51391.4	51439.0	-47.6	-3.7
36	17	140308	1350	230	85	51398.4	51421.2	-22.8	51392.6	51440.1	-47.5	-2.9
36	17	140317	1352	230	90	51400.4	51423.1	-22.7	51385.8	51433.2	-47.4	-7.3
36	17	140324	1354	230	95	51402.2	51424.9	-22.7	51392.8	51440.2	-47.4	-4.7
36	17	140332	1356	230	100	51399.6	51422.3	-22.7	51391.2	51438.5	-47.3	-4.2
36	17	140340	1358	230	105	51412.8	51435.4	-22.6	51410.0	51457.2	-47.2	-1.4
36	17	140349	1360	230	110	51426.4	51449.0	-22.6	51398.8	51445.9	-47.1	-13.8
36	17	140357	1362	230	115	51453.6	51476.2	-22.6	51420.4	51467.4	-47.0	-16.6
36	17	140405	1364	230	120	51507.0	51529.5	-22.5	51458.4	51505.3	-46.9	-24.3
36	17	140413	1366	230	125	51617.0	51639.5	-22.5	51529.4	51576.2	-46.8	-43.8
36	17	140421	1368	230	130	51871.8	51894.3	-22.5	51762.6	51809.4	-46.8	-54.6
36	17	140431	1370	230	135	52401.2	52423.6	-22.4	52445.2	52491.9	-46.7	22.0
36	17	140440	1372	230	140	53008.8	53031.2	-22.4	53542.4	53589.0	-46.6	266.8
36	17	140448	1374	230	145	53133.2	53155.6	-22.4	53884.0	53930.5	-46.5	375.4
36	17	140456	1376	230	150	52610.0	52632.3	-22.3	53056.8	53103.2	-46.4	223.4
36	17	140504	1378	230	155	51424.6	51446.9	-22.3	51306.4	51352.7	-46.3	-59.1
36	17	140512	1380	230	160	50704.2	50726.5	-22.3	50251.0	50297.2	-46.2	-226.6
36	17	140520	1382	230	165	50577.8	50600.0	-22.2	50316.0	50362.2	-46.2	-130.9
36	17	140528	1384	230	170	50764.0	50786.2	-22.2	50585.2	50631.3	-46.1	-89.4
36	17	140535	1386	230	175	51117.8	51140.0	-22.2	51052.4	51098.4	-46.0	-32.7
36	17	140542	1388	230	180	51509.2	51531.3	-22.1	51473.4	51519.3	-45.9	-17.9
36	17	140549	1390	230	185	52039.4	52061.5	-22.1	52072.0	52117.9	-45.9	16.3
36	17	140556	1392	230	190	52705.6	52727.7	-22.1	52962.6	53008.4	-45.8	128.5
36	17	140604	1394	230	195	53377.8	53399.9	-22.1	53873.4	53919.1	-45.7	247.8
36	17	140611	1396	230	200	53496.2	53518.2	-22.0	54587.8	54633.4	-45.6	545.8
36	17	140619	1398	230	205	52973.0	52995.0	-22.0	54212.8	54258.3	-45.5	619.9
36	17	140628	1400	230	210	52155.4	52177.4	-22.0	52278.2	52323.7	-45.5	61.4
36	17	140636	1402	230	215	51345.0	51366.9	-21.9	51128.0	51173.4	-45.4	-108.5
36	17	140643	1404	230	220	51096.0	51117.9	-21.9	50955.0	51000.3	-45.3	-70.5
36	17	140650	1406	230	225	51090.4	51112.3	-21.9	51020.0	51065.2	-45.2	-35.2
36	17	140658	1408	230	230	51142.0	51163.8	-21.8	51106.4	51151.5	-45.1	-17.8
36	17	140706	1410	230	235	51197.2	51219.0	-21.8	51183.0	51228.1	-45.1	-7.1
36	17	140718	1412	230	240	51241.0	51262.8	-21.8	51229.6	51274.5	-44.9	-5.7
36	17	140726	1414	230	245	51278.2	51299.9	-21.7	51284.2	51329.0	-44.8	3.0
36	17	140734	1416	230	250	51309.6	51331.3	-21.7	51305.8	51350.6	-44.8	-1.9
36	17	140859	1418	230	255	51336.0	51357.3	-21.3	51326.8	51370.7	-43.9	-4.6
36	17	140907	1420	230	260	51345.2	51366.5	-21.3	51358.0	51401.8	-43.8	6.4
36	17	140915	1422	230	265	51363.6	51384.9	-21.3	51366.8	51410.5	-43.7	1.6
36	17	140924	1424	230	270	51375.4	51396.6	-21.2	51377.0	51420.6	-43.6	0.8
36	17	140932	1426	230	275	51384.0	51405.2	-21.2	51388.2	51431.7	-43.5	2.1
36	17	140940	1428	230	280	51394.0	51415.2	-21.2	51392.4	51435.9	-43.5	-0.8
36	17	140949	1430	230	285	51401.4	51422.5	-21.1	51399.6	51443.0	-43.4	-0.9
36	17	140956	1432	230	290	51405.0	51426.1	-21.1	51405.2	51448.5	-43.3	0.1
36	17	141003	1434	230	295	51409.4	51430.5	-21.1	51411.8	51455.0	-43.2	1.2
36	17	141009	1436	230	300	51415.0	51436.1	-21.1	51412.6	51455.7	-43.1	-1.2
36	17	141017	1438	230	305	51417.6	51438.6	-21.0	51416.4	51459.5	-43.1	-0.6
36	17	141024	1440	230	310	51422.0	51443.0	-21.0	51419.4	51462.4	-43.0	-1.3
36	17	141031	1442	230	315	51423.6	51444.6	-21.0	51422.4	51465.3	-42.9	-0.6

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
36	17	141039	1444	230	320	51426.8	51447.7	-20.9	51423.2	51466.0	-42.8	-1.8
37	17	141906	1446	220	325	51427.6	51446.5	-18.9	51440.6	51478.2	-37.6	6.5
37	17	141913	1448	220	320	51427.0	51445.9	-18.9	51431.0	51468.5	-37.5	2.0
37	17	141921	1450	220	315	51424.8	51443.6	-18.8	51430.8	51468.2	-37.4	3.0
37	17	141929	1452	220	310	51422.8	51441.6	-18.8	51427.4	51464.7	-37.3	2.3
37	17	141942	1454	220	305	51419.0	51437.8	-18.8	51426.8	51464.0	-37.2	3.9
37	17	141950	1456	220	300	51416.8	51435.5	-18.7	51421.6	51458.7	-37.1	2.4
37	17	141957	1458	220	295	51413.2	51431.9	-18.7	51416.4	51453.4	-37.0	1.6
37	17	142005	1460	220	290	51409.2	51427.9	-18.7	51411.2	51448.2	-37.0	1.0
37	17	142015	1462	220	285	51402.8	51421.4	-18.6	51408.4	51445.2	-36.8	2.8
37	17	142023	1464	220	280	51395.8	51414.4	-18.6	51409.0	51445.8	-36.8	6.6
37	17	142030	1466	220	275	51389.4	51408.0	-18.6	51402.2	51438.9	-36.7	6.4
37	17	142038	1468	220	270	51380.6	51399.1	-18.5	51389.2	51425.8	-36.6	4.3
37	17	142045	1470	220	265	51368.0	51386.5	-18.5	51383.4	51419.9	-36.5	7.7
37	17	142053	1472	220	260	51359.6	51378.1	-18.5	51359.2	51395.7	-36.5	-0.2
37	17	142104	1474	220	255	51342.6	51361.0	-18.4	51338.2	51374.5	-36.3	-2.2
37	17	142133	1476	220	250	51317.0	51335.3	-18.3	51317.4	51353.4	-36.0	0.2
37	17	142148	1478	220	245	51294.6	51312.9	-18.3	51281.2	51317.1	-35.9	-6.7
37	17	142158	1480	220	240	51245.8	51264.0	-18.2	51236.0	51271.8	-35.8	-4.9
37	17	142207	1482	220	235	51175.8	51194.0	-18.2	51160.4	51196.1	-35.7	-7.7
37	17	142217	1484	220	230	51090.4	51108.5	-18.1	51084.2	51099.8	-35.6	-13.1
37	17	142227	1486	220	225	50951.8	50969.9	-18.1	50892.8	50928.3	-35.5	-29.5
37	17	142236	1488	220	220	50808.4	50826.5	-18.1	50636.8	50672.2	-35.4	-85.8
37	17	142243	1490	220	215	50710.6	50728.6	-18.0	50317.4	50352.7	-35.3	-196.6
37	17	142251	1492	220	210	51077.4	51095.4	-18.0	50749.4	50784.6	-35.2	-164.0
37	17	142259	1494	220	205	52367.8	52385.8	-18.0	52340.2	52375.3	-35.1	-13.8
37	17	142306	1496	220	200	54103.6	54121.5	-17.9	58568.4	58603.5	-35.1	2232.4
37	17	142313	1498	220	195	57932.4	57950.3	-17.9	56794.0	56829.0	-35.0	-569.2
37	17	142321	1500	220	190	53682.2	53700.1	-17.9	55300.2	55335.1	-34.9	809.0
37	17	142328	1502	220	185	52522.2	52540.0	-17.8	52715.4	52750.2	-34.8	96.6
37	17	142336	1504	220	180	51745.2	51763.0	-17.8	51738.8	51773.6	-34.8	-3.2
37	17	142343	1506	220	175	51223.8	51241.6	-17.8	51175.2	51209.9	-34.7	-24.3
37	17	142350	1508	220	170	50798.6	50816.4	-17.8	50681.4	50716.0	-34.6	-58.6
37	17	142357	1510	220	165	50477.8	50495.5	-17.7	50150.4	50184.9	-34.5	-163.7
37	17	142404	1512	220	160	50424.6	50442.3	-17.7	50045.8	50080.3	-34.5	-189.4
37	17	142412	1514	220	155	50798.2	50815.9	-17.7	49772.4	49806.8	-34.4	-512.9
37	17	142419	1516	220	150	51971.0	51988.6	-17.6	51787.2	51821.5	-34.3	-91.9
37	17	142427	1518	220	145	53043.8	53061.4	-17.6	53853.4	53887.6	-34.2	404.8
37	17	142435	1520	220	140	53257.6	53275.2	-17.6	54269.8	54303.9	-34.1	506.1
37	17	142443	1522	220	135	52851.6	52869.1	-17.5	53251.0	53285.1	-34.1	199.7
37	17	142452	1524	220	130	52070.2	52087.7	-17.5	51972.6	52006.6	-34.0	-48.8
37	17	142501	1526	220	125	51685.8	51703.3	-17.5	51589.8	51623.7	-33.9	-48.0
38	17	143349	1538	210	125	51656.4	51671.2	-14.8	51561.0	51593.6	-32.6	-47.7
38	17	143358	1540	210	130	52014.4	52028.9	-14.5	51876.8	51908.7	-31.9	-68.8
38	17	143407	1542	210	135	52624.6	52639.0	-14.4	52847.4	52879.3	-31.9	111.4
38	17	143420	1544	210	140	52935.4	52949.7	-14.3	53443.4	53475.3	-31.9	254.0
38	17	143428	1546	210	145	52380.8	52395.1	-14.3	52890.6	52922.4	-31.8	254.9
38	17	143436	1548	210	150	51232.6	51246.8	-14.2	50711.4	50743.2	-31.8	-260.6
38	17	143444	1550	210	155	50482.0	50496.2	-14.2	50046.6	50078.4	-31.8	-217.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
38	17	143452	1552	210	160	50244.6	50258.7	-14.1	49764.6	49796.4	-31.8	-240.0
38	17	143500	1554	210	165	50411.6	50425.7	-14.1	50083.0	50114.8	-31.8	-164.3
38	17	143507	1556	210	170	50778.8	50792.8	-14.0	50687.0	50718.7	-31.7	-45.9
38	17	143515	1558	210	175	51119.4	51133.4	-14.0	51017.0	51048.7	-31.7	-51.2
38	17	143522	1560	210	180	51446.4	51460.4	-14.0	51348.8	51380.5	-31.7	-48.8
38	17	143530	1562	210	185	51951.8	51965.7	-13.9	51922.8	51954.5	-31.7	-14.5
38	17	143538	1564	210	190	52618.4	52632.3	-13.9	52993.4	53025.1	-31.7	187.5
38	17	143546	1566	210	195	52832.2	52846.0	-13.8	53778.4	53810.1	-31.7	473.1
38	17	143554	1568	210	200	51955.4	51969.2	-13.8	52068.6	52100.2	-31.6	56.6
38	17	143601	1570	210	205	50680.0	50693.7	-13.7	49905.6	49937.2	-31.6	-387.2
38	17	143609	1572	210	210	50258.0	50271.7	-13.7	49704.4	49736.0	-31.6	-276.8
38	17	143617	1574	210	215	50409.2	50422.8	-13.6	50081.6	50113.2	-31.6	-163.8
38	17	143624	1576	210	220	50696.4	50710.0	-13.6	50561.8	50593.4	-31.6	-67.3
38	17	143631	1578	210	225	50939.6	50953.1	-13.5	50884.2	50915.8	-31.6	-27.7
38	17	143637	1580	210	230	51073.2	51086.7	-13.5	51060.0	51091.5	-31.5	-6.6
38	17	143647	1582	210	235	51179.8	51193.2	-13.4	51173.2	51204.7	-31.5	-3.3
38	17	143656	1584	210	240	51248.2	51261.6	-13.4	51250.2	51281.7	-31.5	1.0
38	17	143708	1586	210	245	51289.4	51302.7	-13.3	51287.4	51318.9	-31.5	-1.0
38	17	143721	1588	210	250	51321.6	51334.8	-13.2	51322.2	51353.6	-31.4	0.3
38	17	143733	1590	210	255	51343.8	51357.0	-13.2	51344.2	51375.6	-31.4	0.2
38	17	143747	1592	210	260	51367.0	51380.1	-13.1	51365.6	51397.0	-31.4	-0.7
38	17	143755	1594	210	265	51373.4	51386.4	-13.0	51381.8	51413.2	-31.4	4.2
38	17	143803	1596	210	270	51388.8	51401.8	-13.0	51389.6	51421.0	-31.4	0.4
38	17	143811	1598	210	275	51396.4	51409.3	-12.9	51398.6	51429.9	-31.3	1.1
38	17	143819	1600	210	280	51407.4	51420.3	-12.9	51405.4	51436.7	-31.3	-1.0
38	17	143826	1602	210	285	51412.2	51425.1	-12.9	51411.4	51442.7	-31.3	-0.4
38	17	143834	1604	210	290	51417.8	51430.6	-12.8	51418.0	51449.3	-31.3	0.1
38	17	143841	1606	210	295	51422.0	51434.8	-12.8	51419.0	51450.3	-31.3	-1.5
38	17	143849	1608	210	300	51425.2	51437.9	-12.7	51425.0	51456.3	-31.3	-0.1
38	17	143856	1610	210	305	51429.6	51442.3	-12.7	51426.6	51457.8	-31.2	-1.5
38	17	143903	1612	210	310	51430.0	51442.6	-12.6	51430.2	51461.4	-31.2	0.1
38	17	143911	1614	210	315	51435.4	51448.0	-12.6	51432.8	51464.0	-31.2	-1.3
38	17	143919	1616	210	320	51437.0	51449.5	-12.5	51436.0	51467.2	-31.2	-0.5
38	17	143927	1618	210	325	51436.6	51449.1	-12.5	51434.8	51466.0	-31.2	-0.9
39	17	144401	1620	200	305	51428.8	51439.7	-10.9	51438.4	51468.9	-30.5	4.8
39	17	144409	1622	200	300	51424.8	51435.6	-10.8	51441.0	51471.5	-30.5	8.1
39	17	144417	1624	200	295	51423.6	51434.4	-10.8	51427.6	51458.1	-30.5	2.0
39	17	144425	1626	200	290	51416.6	51427.3	-10.7	51425.0	51455.5	-30.5	4.2
39	17	144432	1628	200	285	51410.0	51420.7	-10.7	51417.4	51447.9	-30.5	3.7
39	17	144439	1630	200	280	51406.2	51416.8	-10.6	51410.6	51441.1	-30.5	2.2
39	17	144447	1632	200	275	51398.2	51408.8	-10.6	51407.0	51437.4	-30.4	4.4
39	17	144455	1634	200	270	51392.4	51402.9	-10.5	51399.0	51429.4	-30.4	3.3
39	17	144505	1636	200	265	51379.4	51389.9	-10.5	51394.2	51424.6	-30.4	7.4
39	17	144513	1638	200	260	51365.0	51375.4	-10.4	51370.0	51400.4	-30.4	2.5
39	17	144523	1640	200	255	51353.8	51364.2	-10.4	51348.2	51378.6	-30.4	-2.8
39	17	144531	1642	200	250	51321.2	51331.5	-10.3	51332.8	51363.1	-30.3	5.8
39	17	144540	1644	200	245	51291.6	51301.9	-10.3	51304.8	51335.1	-30.3	6.6
39	17	144549	1646	200	240	51255.6	51265.8	-10.2	51264.0	51294.3	-30.3	4.2
39	17	144601	1648	200	235	51191.8	51201.9	-10.1	51201.2	51231.5	-30.3	4.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
39	17	144609	1650	200	230	51117.8	51127.9	-10.1	51124.0	51154.3	-30.3	3.1
39	17	144616	1652	200	225	51002.0	51012.0	-10.0	50985.4	51015.6	-30.2	-8.3
39	17	144624	1654	200	220	50849.6	50859.6	-10.0	50724.0	50754.2	-30.2	-62.8
39	17	144634	1656	200	215	51093.4	51103.3	-9.9	53684.6	53714.8	-30.2	1295.6
39	17	144641	1658	200	210	50722.2	50732.1	-9.9	50398.6	50428.8	-30.2	-161.8
39	17	144650	1660	200	205	51056.6	51066.4	-9.8	50966.6	50996.8	-30.2	-45.0
39	17	144657	1662	200	200	51437.2	51447.0	-9.8	51281.6	51311.8	-30.2	-77.8
39	17	144705	1664	200	195	51745.6	51755.4	-9.8	51811.2	51841.3	-30.1	32.8
39	17	144712	1666	200	190	51703.8	51713.5	-9.7	51730.6	51760.7	-30.1	13.4
39	17	144720	1668	200	185	51485.6	51495.3	-9.7	51440.6	51470.7	-30.1	-22.5
39	17	144727	1670	200	180	51266.4	51276.0	-9.6	51190.4	51220.5	-30.1	-38.0
39	17	144735	1672	200	175	51026.4	51036.0	-9.6	50971.2	51001.3	-30.1	-27.6
39	17	144743	1674	200	170	50747.8	50757.3	-9.5	50623.0	50653.0	-30.0	-62.4
39	17	144751	1676	200	165	50404.4	50413.9	-9.5	49810.8	49840.8	-30.0	-296.8
39	17	144759	1678	200	160	50522.6	50532.0	-9.4	50520.8	50550.8	-30.0	-0.9
39	17	144807	1680	200	155	50533.6	50543.0	-9.4	49942.4	49972.4	-30.0	-295.6
39	17	144815	1682	200	150	51129.8	51139.1	-9.3	50486.0	50516.0	-30.0	-321.9
39	17	144823	1684	200	145	52351.8	52361.1	-9.3	52653.2	52683.2	-30.0	150.7
39	17	144831	1686	200	140	52980.2	52989.4	-9.2	54123.4	54153.3	-29.9	571.6
39	17	144840	1688	200	135	52651.8	52661.0	-9.2	53014.0	53043.9	-29.9	181.1
39	17	144849	1690	200	130	51964.8	51973.9	-9.1	51860.2	51890.1	-29.9	-52.3
39	17	144857	1692	200	125	51639.0	51648.1	-9.1	51527.0	51556.9	-29.9	-56.0
40	18	111453	10	190	139.37	52868.2	52874.8	-6.6	54044.2	54080.0	-35.8	588.0
40	18	111503	12	190	144.37	52318.0	52324.6	-6.6	52580.0	52615.6	-35.6	131.0
40	18	111512	14	190	149.37	51497.2	51503.7	-6.5	51281.6	51317.1	-35.5	-107.8
40	18	111521	16	190	154.37	50924.4	50930.9	-6.5	50644.0	50679.4	-35.4	-140.2
40	18	111529	18	190	159.37	50670.0	50676.4	-6.4	50319.4	50354.7	-35.3	-175.3
40	18	111537	20	190	164.37	50649.2	50655.6	-6.4	50369.6	50404.8	-35.2	-139.8
40	18	111544	22	190	169.37	50878.0	50884.3	-6.3	50778.0	50813.0	-35.0	-50.0
40	18	111552	24	190	174.37	51177.8	51184.1	-6.3	51122.0	51156.9	-34.9	-27.9
40	18	111559	26	190	179.37	51461.0	51467.2	-6.2	51427.6	51462.4	-34.8	-16.7
40	18	111606	28	190	184.37	51826.4	51832.6	-6.2	51871.8	51906.5	-34.7	22.7
40	18	111614	30	190	189.37	52359.0	52365.1	-6.1	52726.8	52761.4	-34.6	183.9
40	18	111622	32	190	194.37	52566.6	52572.7	-6.1	53667.6	53702.1	-34.5	550.5
40	18	111630	34	190	199.37	52286.2	52292.2	-6.0	52955.0	52989.3	-34.3	334.4
40	18	111638	36	190	204.37	51426.4	51432.4	-6.0	51354.2	51388.4	-34.2	-36.1
40	18	111646	38	190	209.37	50825.8	50831.7	-5.9	50462.4	50496.5	-34.1	-181.7
40	18	111654	40	190	214.37	50744.2	50750.1	-5.9	50528.8	50562.8	-34.0	-107.7
40	18	111702	42	190	219.37	50886.4	50892.2	-5.8	50803.8	50837.7	-33.9	-41.3
40	18	111709	44	190	224.37	51027.6	51033.4	-5.8	50999.6	51033.4	-33.8	-14.0
40	18	111716	46	190	229.37	51130.4	51136.1	-5.7	51126.2	51159.9	-33.7	-2.1
40	18	111723	48	190	234.37	51200.0	51205.7	-5.7	51208.6	51242.2	-33.6	4.3
40	18	111733	50	190	239.37	51250.8	51256.4	-5.6	51263.6	51297.0	-33.4	6.4
40	18	111742	52	190	244.37	51287.2	51292.8	-5.6	51304.8	51338.1	-33.3	8.8
40	18	111750	54	190	249.37	51317.2	51322.7	-5.5	51328.4	51361.6	-33.2	5.6
40	18	111758	56	190	254.37	51347.6	51353.1	-5.5	51348.8	51381.8	-33.0	0.6
40	18	111804	58	190	259.37	51369.2	51374.6	-5.4	51364.4	51397.3	-32.9	-2.4
40	18	111813	60	190	264.37	51374.8	51380.2	-5.4	51387.2	51420.0	-32.8	6.2
40	18	111822	62	190	269.37	51386.4	51391.7	-5.3	51395.4	51428.1	-32.7	4.5

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
40	18	111831	64	190	274.37	51399.4	51404.7	-5.3	51403.2	51435.8	-32.6	1.9
40	18	111838	66	190	279.37	51408.4	51413.6	-5.2	51416.2	51448.6	-32.4	3.9
40	18	111846	68	190	284.37	51414.4	51419.6	-5.2	51413.2	51445.5	-32.3	-0.6
40	18	111853	70	190	289.37	51418.8	51423.9	-5.1	51418.4	51450.6	-32.2	-0.2
40	18	111901	72	190	294.37	51424.0	51429.1	-5.1	51423.4	51455.5	-32.1	-0.3
40	18	111908	74	190	299.37	51430.0	51435.1	-5.1	51428.6	51460.6	-32.0	-0.7
40	18	111915	76	190	304.37	51433.8	51438.8	-5.0	51445.2	51477.1	-31.9	5.7
40	18	111922	78	190	309.37	51429.2	51434.2	-5.0	51417.8	51449.6	-31.8	-5.7
40	18	111930	80	190	314.37	51432.0	51436.9	-4.9	51434.6	51466.3	-31.7	1.3
40	18	111937	82	190	319.37	51437.6	51442.5	-4.9	51436.6	51468.2	-31.6	-0.5
41	18	112231	84	180	318.74	51433.2	51437.0	-3.8	51443.0	51471.9	-28.9	4.9
41	18	112238	86	180	313.74	51431.8	51435.5	-3.7	51442.0	51470.8	-28.8	5.1
41	18	112246	88	180	308.74	51430.4	51434.1	-3.7	51442.4	51471.1	-28.7	6.0
41	18	112253	90	180	303.74	51427.2	51430.9	-3.7	51435.0	51463.6	-28.6	3.9
41	18	112301	92	180	298.74	51422.4	51426.0	-3.6	51433.6	51462.1	-28.5	5.6
41	18	112308	94	180	293.74	51417.0	51420.6	-3.6	51429.6	51458.0	-28.4	6.3
41	18	112315	96	180	288.74	51411.4	51414.9	-3.5	51417.8	51446.1	-28.3	3.2
41	18	112322	98	180	283.74	51408.0	51411.5	-3.5	51415.8	51444.0	-28.2	3.9
41	18	112329	100	180	278.74	51402.8	51406.2	-3.4	51416.6	51444.7	-28.1	6.9
41	18	112337	102	180	273.74	51395.0	51398.4	-3.4	51403.2	51431.2	-28.0	4.1
41	18	112346	104	180	268.74	51384.0	51387.3	-3.3	51397.8	51425.6	-27.8	6.9
41	18	112353	106	180	263.74	51368.2	51371.5	-3.3	51371.4	51399.1	-27.7	1.6
41	18	112400	108	180	258.74	51355.0	51358.2	-3.2	51365.6	51393.2	-27.6	5.3
41	18	112407	110	180	253.74	51332.6	51335.8	-3.2	51329.4	51356.9	-27.5	-1.6
41	18	112417	112	180	248.74	51311.8	51314.9	-3.1	51308.0	51335.4	-27.4	-1.9
41	18	112425	114	180	243.74	51276.0	51279.1	-3.1	51281.6	51308.8	-27.2	2.8
41	18	112433	116	180	238.74	51240.6	51243.6	-3.0	51248.2	51275.3	-27.1	3.8
41	18	112440	118	180	233.74	51191.0	51194.0	-3.0	51201.4	51228.4	-27.0	5.2
41	18	112447	120	180	228.74	51127.6	51130.5	-2.9	51123.8	51150.7	-26.9	-1.9
41	18	112455	122	180	223.74	51022.0	51024.9	-2.9	50993.6	51020.4	-26.8	-14.2
41	18	112502	124	180	218.74	50893.8	50896.7	-2.9	50803.4	50830.1	-26.7	-45.2
41	18	112510	126	180	213.74	50761.2	50764.0	-2.8	50538.8	50565.4	-26.6	-111.2
41	18	112517	128	180	208.74	50742.6	50745.4	-2.8	50345.4	50371.9	-26.5	-198.6
41	18	112525	130	180	203.74	50987.0	50989.7	-2.7	50311.0	50337.4	-26.4	-338.0
41	18	112533	132	180	198.74	51633.0	51635.7	-2.7	51384.0	51410.2	-26.2	-124.5
41	18	112540	134	180	193.74	52301.4	52304.0	-2.6	52642.6	52668.7	-26.1	170.6
41	18	112547	136	180	188.74	52309.4	52312.0	-2.6	52694.8	52720.8	-26.0	192.7
41	18	112554	138	180	183.74	51932.0	51934.5	-2.5	52024.2	52050.1	-25.9	46.1
41	18	112601	140	180	178.74	51561.0	51563.5	-2.5	51559.8	51585.6	-25.8	-0.6
41	18	112608	142	180	173.74	51237.6	51240.0	-2.4	51207.0	51232.7	-25.7	-15.3
41	18	112615	144	180	168.74	50894.8	50897.2	-2.4	50764.6	50790.2	-25.6	-65.1
41	18	112622	146	180	163.74	50685.8	50688.2	-2.4	50342.6	50368.1	-25.5	-171.6
41	18	112630	148	180	158.74	50812.8	50815.1	-2.3	50704.6	50730.0	-25.4	-54.1
41	18	112638	150	180	153.74	51163.6	51165.9	-2.3	51250.6	51275.9	-25.3	43.5
41	18	112645	152	180	148.74	51519.6	51521.8	-2.2	51198.4	51223.6	-25.2	-160.6
41	18	112654	154	180	143.74	52285.8	52288.0	-2.2	52262.2	52287.2	-25.0	-11.8
41	18	112702	156	180	138.74	52727.0	52729.1	-2.1	53931.2	53956.1	-24.9	602.1
42	18	113314	168	170	123.11	51464.0	51469.4	-5.4	51353.0	51377.2	-24.2	-55.5
42	18	113323	170	170	128.11	51745.2	51750.5	-5.3	51566.0	51589.9	-23.9	-89.6

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
42	18	113332	172	170	133.11	52508.4	52513.8	-5.4	52843.8	52867.6	-23.8	167.7
42	18	113340	174	170	138.11	53152.0	53157.5	-5.5	54109.6	54133.4	-23.8	478.8
42	18	113348	176	170	143.11	52541.6	52547.2	-5.6	55646.6	55670.4	-23.8	1552.5
42	18	113356	178	170	148.11	51437.2	51442.9	-5.7	51414.6	51438.4	-23.8	-11.3
42	18	113403	180	170	153.11	50665.2	50670.9	-5.7	50116.8	50140.6	-23.8	-274.2
42	18	113411	182	170	158.11	50343.4	50349.2	-5.8	49815.0	49838.8	-23.8	-264.2
42	18	113418	184	170	163.11	50495.8	50501.7	-5.9	50116.8	50140.6	-23.8	-189.5
42	18	113425	186	170	168.11	50911.6	50917.6	-6.0	50797.2	50821.0	-23.8	-57.2
42	18	113432	188	170	173.11	51330.8	51336.8	-6.0	51265.2	51288.9	-23.7	-32.8
42	18	113439	190	170	178.11	51710.6	51716.7	-6.1	51698.2	51721.9	-23.7	-6.2
42	18	113446	192	170	183.11	52130.0	52136.2	-6.2	52140.6	52164.3	-23.7	5.3
42	18	113452	194	170	188.11	52487.2	52493.4	-6.2	52573.4	52597.1	-23.7	43.1
42	18	113459	196	170	193.11	52567.4	52573.7	-6.3	52749.8	52773.5	-23.7	91.2
42	18	113507	198	170	198.11	52218.4	52224.8	-6.4	52253.2	52276.9	-23.7	17.4
42	18	113514	200	170	203.11	51627.2	51633.6	-6.4	51489.8	51513.5	-23.7	-68.7
42	18	113521	202	170	208.11	51178.4	51184.9	-6.5	50947.6	50971.3	-23.7	-115.4
42	18	113528	204	170	213.11	50966.6	50973.2	-6.6	50784.0	50807.7	-23.7	-91.3
42	18	113535	206	170	218.11	50960.6	50967.3	-6.7	50858.0	50881.6	-23.6	-51.3
42	18	113545	208	170	223.11	51027.2	51034.0	-6.8	50991.4	51015.0	-23.6	-17.9
42	18	113553	210	170	228.11	51109.4	51116.2	-6.8	51082.8	51106.4	-23.6	-13.3
42	18	113604	212	170	233.11	51176.2	51183.1	-6.9	51157.4	51181.0	-23.6	-9.4
42	18	113611	214	170	238.11	51226.0	51233.0	-7.0	51233.4	51257.0	-23.6	3.7
42	18	113618	216	170	243.11	51268.8	51275.9	-7.1	51273.0	51296.6	-23.6	2.1
42	18	113626	218	170	248.11	51305.4	51312.6	-7.2	51311.4	51335.0	-23.6	3.0
42	18	113633	220	170	253.11	51333.2	51340.4	-7.2	51338.4	51361.9	-23.5	2.6
42	18	113641	222	170	258.11	51355.6	51362.9	-7.3	51361.2	51384.7	-23.5	2.8
42	18	113648	224	170	263.11	51366.8	51374.2	-7.4	51373.0	51396.5	-23.5	3.1
42	18	113656	226	170	268.11	51383.2	51390.7	-7.5	51376.4	51399.9	-23.5	-3.4
42	18	113704	228	170	273.11	51399.6	51407.1	-7.5	51412.8	51436.3	-23.5	6.6
42	18	113712	230	170	278.11	51403.0	51410.6	-7.6	51404.2	51427.7	-23.5	0.6
42	18	113720	232	170	283.11	51410.0	51417.7	-7.7	51407.4	51430.9	-23.5	-1.3
42	18	113727	234	170	288.11	51418.4	51426.2	-7.8	51420.2	51443.7	-23.5	0.9
42	18	113734	236	170	293.11	51422.0	51429.8	-7.8	51419.4	51442.9	-23.5	-1.3
42	18	113742	238	170	298.11	51425.2	51433.1	-7.9	51427.4	51450.8	-23.4	1.1
42	18	113755	240	170	303.11	51432.4	51440.4	-8.0	51429.4	51452.8	-23.4	-1.5
42	18	113802	242	170	308.11	51436.2	51444.3	-8.1	51432.8	51456.2	-23.4	-1.7
42	18	113810	244	170	313.11	51434.8	51443.0	-8.2	51439.2	51462.6	-23.4	2.2
43	18	114210	246	160	312.48	51432.6	51443.2	-10.6	51445.8	51468.8	-23.0	6.6
43	18	114217	248	160	307.48	51427.8	51438.4	-10.6	51438.2	51461.2	-23.0	5.2
43	18	114225	250	160	302.48	51427.0	51437.7	-10.7	51431.0	51454.0	-23.0	2.0
43	18	114232	252	160	297.48	51422.0	51432.8	-10.8	51432.4	51455.4	-23.0	5.2
43	18	114239	254	160	292.48	51417.4	51428.2	-10.8	51425.4	51448.4	-23.0	4.0
43	18	114246	256	160	287.48	51412.2	51423.1	-10.9	51417.6	51440.6	-23.0	2.7
43	18	114254	258	160	282.48	51403.8	51414.8	-11.0	51399.8	51422.7	-22.9	-2.0
43	18	114301	260	160	277.48	51397.8	51408.9	-11.1	51405.6	51428.5	-22.9	3.9
43	18	114308	262	160	272.48	51390.4	51401.5	-11.1	51393.6	51416.5	-22.9	1.6
43	18	114315	264	160	267.48	51379.2	51390.4	-11.2	51385.2	51408.1	-22.9	3.0
43	18	114323	266	160	262.48	51366.4	51377.7	-11.3	51370.8	51393.7	-22.9	2.2
43	18	114330	268	160	257.48	51351.2	51362.6	-11.4	51360.6	51383.5	-22.9	4.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
43	18	114339	270	160	252.48	51330.8	51342.2	-11.4	51346.6	51369.5	-22.9	7.9
43	18	114349	272	160	247.48	51289.8	51301.3	-11.5	51303.2	51326.1	-22.9	6.7
43	18	114358	274	160	242.48	51246.8	51258.4	-11.6	51262.8	51285.6	-22.8	8.0
43	18	114407	276	160	237.48	51180.8	51192.5	-11.7	51188.2	51211.0	-22.8	3.7
43	18	114415	278	160	232.48	51103.8	51115.6	-11.8	51097.8	51120.6	-22.8	-3.0
43	18	114422	280	160	227.48	51014.6	51026.5	-11.9	50984.2	51007.0	-22.8	-15.2
43	18	114430	282	160	222.48	50909.8	50921.7	-11.9	50834.2	50857.0	-22.8	-37.8
43	18	114437	284	160	217.48	50851.2	50863.2	-12.0	50682.2	50705.0	-22.8	-84.5
43	18	114445	286	160	212.48	50997.8	51009.9	-12.1	50645.2	50668.0	-22.8	-176.3
43	18	114452	288	160	207.48	51682.6	51694.8	-12.2	51433.6	51456.4	-22.8	-124.5
43	18	114459	290	160	202.48	53123.6	53135.8	-12.2	53624.8	53647.6	-22.8	250.6
43	18	114506	292	160	197.48	54440.4	54452.7	-12.3	58579.6	58602.3	-22.7	2069.6
43	18	114513	294	160	192.48	54469.8	54482.2	-12.4	58574.0	58596.7	-22.7	2052.1
43	18	114520	296	160	187.48	53462.2	53474.6	-12.4	53947.2	53969.9	-22.7	242.5
43	18	114527	298	160	182.48	52603.8	52616.3	-12.5	52755.0	52777.7	-22.7	75.6
43	18	114534	300	160	177.48	51979.0	51991.6	-12.6	52001.6	52024.3	-22.7	11.3
43	18	114541	302	160	172.48	51491.2	51503.9	-12.7	51491.4	51514.1	-22.7	0.1
43	18	114548	304	160	167.48	50918.8	50931.5	-12.7	50910.6	50933.3	-22.7	-4.1
43	18	114555	306	160	162.48	50247.8	50260.6	-12.8	49812.0	49834.7	-22.7	-217.9
43	18	114602	308	160	157.48	49992.4	50005.3	-12.9	49359.4	49382.1	-22.7	-316.5
43	18	114610	310	160	152.48	50012.2	50025.1	-12.9	58582.0	58604.6	-22.6	4284.9
43	18	114617	312	160	147.48	50446.8	50459.8	-13.0	58654.8	58677.4	-22.6	4104.0
43	18	114625	314	160	142.48	51746.2	51759.3	-13.1	51724.2	51746.8	-22.6	-11.0
43	18	114632	316	160	137.48	52304.2	52317.4	-13.2	58603.4	58626.0	-22.6	3149.6
43	18	114640	318	160	132.48	51824.6	51837.8	-13.2	51751.8	51774.4	-22.6	-36.4
43	18	114648	320	160	127.48	51447.6	51460.9	-13.3	51310.2	51332.8	-22.6	-68.7
43	18	114655	322	160	122.48	51357.0	51370.4	-13.4	51260.8	51283.4	-22.6	-48.1
44	18	115314	334	150	121.85	51319.8	51329.1	-9.3	51256.4	51278.1	-21.7	-31.7
44	18	115324	336	150	126.85	51272.8	51282.3	-9.5	51219.0	51240.7	-21.7	-26.9
44	18	115333	338	150	131.85	51312.2	51321.6	-9.4	51101.8	51123.4	-21.6	-105.2
44	18	115341	340	150	136.85	51638.0	51647.3	-9.3	52308.8	52330.4	-21.6	335.4
44	18	115348	342	150	141.85	51299.2	51308.4	-9.2	51310.0	51331.6	-21.6	5.4
44	18	115356	344	150	146.85	50957.8	50966.9	-9.1	51290.6	51312.2	-21.6	166.4
44	18	115404	346	150	151.85	50427.6	50436.6	-9.0	54004.8	54026.4	-21.6	1788.6
44	18	115412	348	150	156.85	50334.2	50343.1	-8.9	50063.0	50084.5	-21.5	-135.6
44	18	115419	350	150	161.85	50607.6	50616.4	-8.8	50327.8	50349.3	-21.5	-139.9
44	18	115426	352	150	166.85	51163.0	51171.7	-8.7	51154.4	51175.9	-21.5	-4.3
44	18	115433	354	150	171.85	51621.6	51630.3	-8.7	51616.4	51637.9	-21.5	-2.6
44	18	115440	356	150	176.85	52125.0	52133.6	-8.6	52097.4	52118.9	-21.5	-13.8
44	18	115447	358	150	181.85	52868.6	52877.1	-8.5	52923.6	52945.1	-21.5	27.5
44	18	115454	360	150	186.85	53920.6	53929.0	-8.4	54386.6	54408.0	-21.4	233.0
44	18	115501	362	150	191.85	55029.0	55037.3	-8.3	58539.4	58560.8	-21.4	1755.2
44	18	115508	364	150	196.85	54587.6	54595.8	-8.2	58630.2	58651.6	-21.4	2021.3
44	18	115516	366	150	201.85	52812.8	52820.9	-8.1	52887.6	52909.0	-21.4	37.4
44	18	115523	368	150	206.85	51281.4	51289.4	-8.0	50892.8	50914.2	-21.4	-194.3
44	18	115531	370	150	211.85	50590.0	50597.9	-7.9	49992.0	50013.3	-21.3	-299.0
44	18	115538	372	150	216.85	50519.2	50527.1	-7.9	50212.0	50233.3	-21.3	-153.6
44	18	115545	374	150	221.85	50701.0	50708.8	-7.8	50566.4	50587.7	-21.3	-67.3
44	18	115552	376	150	226.85	50897.0	50904.7	-7.7	50838.6	50859.9	-21.3	-29.2

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
44	18	115558	378	150	231.85	51044.2	51051.8	-7.6	51012.6	51033.9	-21.3	-15.8
44	18	115605	380	150	236.85	51133.0	51140.5	-7.5	51122.0	51143.3	-21.3	-5.5
44	18	115611	382	150	241.85	51203.4	51210.8	-7.4	51214.0	51235.2	-21.2	5.3
44	18	115619	384	150	246.85	51269.4	51276.7	-7.3	51283.8	51305.0	-21.2	7.2
44	18	115630	386	150	251.85	51312.6	51319.8	-7.2	51314.8	51336.0	-21.2	1.1
44	18	115638	388	150	256.85	51342.2	51349.3	-7.1	51347.6	51368.8	-21.2	2.7
44	18	115646	390	150	261.85	51365.8	51372.8	-7.0	51369.8	51391.0	-21.2	2.0
44	18	115654	392	150	266.85	51380.8	51387.7	-6.9	51387.0	51408.1	-21.1	3.1
44	18	115704	394	150	271.85	51394.4	51401.2	-6.8	51399.8	51420.9	-21.1	2.7
44	18	115712	396	150	276.85	51408.2	51414.9	-6.7	51411.4	51432.5	-21.1	1.6
44	18	115720	398	150	281.85	51416.2	51422.8	-6.6	51421.2	51442.3	-21.1	2.5
44	18	115728	400	150	286.85	51418.8	51425.3	-6.5	51419.6	51440.7	-21.1	0.4
44	18	115735	402	150	291.85	51424.8	51431.2	-6.4	51427.6	51448.6	-21.0	1.4
44	18	115743	404	150	296.85	51431.2	51437.5	-6.3	51430.2	51451.2	-21.0	-0.5
44	18	115751	406	150	301.85	51436.0	51442.2	-6.2	51434.4	51455.4	-21.0	-0.8
44	18	115801	408	150	306.85	51441.8	51447.9	-6.1	51439.4	51460.4	-21.0	-1.2
44	18	115809	410	150	311.85	51443.8	51449.8	-6.0	51442.2	51463.2	-21.0	-0.8
45	18	120159	412	140	311.22	51437.8	51440.9	-3.1	51443.2	51463.6	-20.4	2.7
45	18	120207	414	140	306.22	51436.0	51439.0	-3.0	51442.0	51462.4	-20.4	3.0
45	18	120214	416	140	301.22	51433.4	51436.4	-3.0	51439.0	51459.4	-20.4	2.8
45	18	120221	418	140	296.22	51428.6	51431.5	-2.9	51437.6	51457.9	-20.3	4.5
45	18	120228	420	140	291.22	51426.4	51429.2	-2.8	51428.4	51448.7	-20.3	1.0
45	18	120235	422	140	286.22	51425.8	51428.5	-2.7	51423.0	51443.3	-20.3	-1.4
45	18	120242	424	140	281.22	51414.4	51417.0	-2.6	51421.6	51441.9	-20.3	3.6
45	18	120249	426	140	276.22	51405.4	51407.9	-2.5	51413.8	51434.1	-20.3	4.2
45	18	120256	428	140	271.22	51394.6	51397.0	-2.4	51404.6	51424.9	-20.3	5.0
45	18	120303	430	140	266.22	51381.6	51384.0	-2.4	51394.0	51414.2	-20.2	6.2
45	18	120310	432	140	261.22	51365.4	51367.7	-2.3	51380.2	51400.4	-20.2	7.4
45	18	120317	434	140	256.22	51341.6	51343.8	-2.2	51343.2	51363.4	-20.2	0.8
45	18	120326	436	140	251.22	51305.4	51307.5	-2.1	51321.2	51341.4	-20.2	7.9
45	18	120333	438	140	246.22	51234.0	51236.0	-2.0	51248.0	51268.2	-20.2	7.0
45	18	120340	440	140	241.22	51111.8	51113.7	-1.9	51067.4	51087.5	-20.1	-22.2
45	18	120347	442	140	236.22	51060.8	51062.6	-1.8	51054.0	51074.1	-20.1	-3.4
45	18	120354	444	140	231.22	50933.8	50935.5	-1.7	50950.0	50970.1	-20.1	8.1
45	18	120401	446	140	226.22	50766.8	50768.4	-1.6	50734.4	50754.5	-20.1	-16.2
45	18	120407	448	140	221.22	50484.4	50486.0	-1.6	50375.2	50395.3	-20.1	-54.6
45	18	120414	450	140	216.22	50154.8	50156.3	-1.5	49828.4	49848.5	-20.1	-163.2
45	18	120422	452	140	211.22	49998.4	49999.8	-1.4	49306.2	49326.2	-20.0	-346.1
45	18	120429	454	140	206.22	50585.4	50586.7	-1.3	49882.4	49902.4	-20.0	-351.5
45	18	120436	456	140	201.22	51759.2	51760.4	-1.2	51098.2	51118.2	-20.0	-330.5
45	18	120444	458	140	196.22	53724.0	53725.1	-1.1	54356.8	54376.8	-20.0	316.4
45	18	120451	460	140	191.22	54588.8	54589.8	-1.0	56158.2	56178.2	-20.0	784.7
45	18	120458	462	140	186.22	53593.6	53594.5	-0.9	54136.0	54156.0	-20.0	271.2
45	18	120506	464	140	181.22	52577.0	52577.8	-0.8	52661.4	52681.3	-19.9	42.2
45	18	120512	466	140	176.22	51990.4	51991.2	-0.8	51947.2	51967.1	-19.9	-21.6
45	18	120519	468	140	171.22	51646.0	51646.7	-0.7	51631.2	51651.1	-19.9	-7.4
45	18	120526	470	140	166.22	51378.6	51379.2	-0.6	51406.0	51425.9	-19.9	13.7
45	18	120533	472	140	161.22	50999.0	50999.5	-0.5	51000.6	51020.5	-19.9	0.8
45	18	120541	474	140	156.22	50215.8	50216.2	-0.4	58568.4	58588.3	-19.9	4176.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
45	18	120548	476	140	151.22	50044.0	50044.3	-0.3	49470.2	49490.0	-19.8	-286.9
45	18	120556	478	140	146.22	50487.4	50487.6	-0.2	50529.2	50549.0	-19.8	20.9
45	18	120604	480	140	141.22	50824.4	50824.5	-0.1	50593.2	50616.0	-19.8	-115.6
45	18	120611	482	140	136.22	51152.4	51152.4	0.0	51332.4	51352.2	-19.8	90.0
45	18	120619	484	140	131.22	51194.2	51194.1	0.1	50902.4	50922.2	-19.8	-145.9
45	18	120626	486	140	126.22	51398.4	51398.2	0.2	51008.0	51027.7	-19.7	-195.2
45	18	120635	488	140	121.22	51418.0	51417.7	0.3	51359.0	51378.7	-19.7	-29.5
46	18	121334	500	130	120.59	52262.6	52262.8	-0.2	53071.8	53091.0	-19.2	404.6
46	18	121344	502	130	125.59	51562.4	51562.1	0.3	51459.2	51478.3	-19.1	-51.6
46	18	121352	504	130	130.59	51188.8	51188.5	0.3	51081.4	51100.5	-19.1	-53.7
46	18	121359	506	130	135.59	51113.0	51112.8	0.2	51026.6	51045.7	-19.1	-43.2
46	18	121405	508	130	140.59	51061.0	51060.8	0.2	50994.8	51013.9	-19.1	-33.1
46	18	121412	510	130	145.59	51029.8	51029.6	0.2	50992.6	51011.7	-19.1	-18.6
46	18	121418	512	130	150.59	51068.6	51068.4	0.2	51112.0	51131.1	-19.1	21.7
46	18	121425	514	130	155.59	51179.4	51179.2	0.2	51261.0	51280.1	-19.1	40.8
46	18	121432	516	130	160.59	51329.8	51329.6	0.2	51357.0	51376.1	-19.1	13.6
46	18	121438	518	130	165.59	51449.4	51449.2	0.2	51398.6	51417.7	-19.1	-25.4
46	18	121445	520	130	170.59	51640.4	51640.2	0.2	51445.2	51464.3	-19.1	-97.6
46	18	121451	522	130	175.59	51870.2	51870.0	0.2	51642.2	51661.3	-19.1	-114.0
46	18	121458	524	130	180.59	52233.0	52232.8	0.2	52136.4	52155.5	-19.1	-48.3
46	18	121505	526	130	185.59	53158.4	53158.3	0.1	53361.8	53380.8	-19.0	101.7
46	18	121512	528	130	190.59	54500.8	54500.7	0.1	35909.2	35928.2	-19.0	-9295.8
46	18	121518	530	130	195.59	54544.8	54544.7	0.1	17754.8	17773.8	-19.0	-18395.0
46	18	121526	532	130	200.59	52294.0	52293.9	0.1	52659.4	52678.4	-19.0	182.7
46	18	121533	534	130	205.59	50473.6	50473.5	0.1	49701.2	49720.2	-19.0	-386.2
46	18	121540	536	130	210.59	49813.6	49813.5	0.1	48975.8	48994.8	-19.0	-418.9
46	18	121547	538	130	215.59	50002.6	50002.5	0.1	49606.8	49625.8	-19.0	-197.9
46	18	121554	540	130	220.59	50484.8	50484.7	0.1	50278.6	50297.6	-19.0	-103.1
46	18	121600	542	130	225.59	50760.6	50760.6	0.0	50708.2	50727.2	-19.0	-26.2
46	18	121606	544	130	230.59	50974.8	50974.8	0.0	50970.0	50989.0	-19.0	-2.4
46	18	121612	546	130	235.59	51167.4	51167.4	0.0	51211.4	51230.4	-19.0	22.0
46	18	121619	548	130	240.59	51320.0	51320.0	0.0	51528.0	51547.0	-19.0	104.0
46	18	121626	550	130	245.59	51300.0	51300.0	0.0	51304.2	51323.1	-18.9	2.1
46	18	121633	552	130	250.59	51318.0	51318.0	0.0	51328.4	51347.3	-18.9	5.2
46	18	121640	554	130	255.59	51354.4	51354.4	0.0	51357.2	51376.1	-18.9	1.4
46	18	121647	556	130	260.59	51384.6	51384.6	0.0	51383.8	51402.7	-18.9	-0.4
46	18	121653	558	130	265.59	51398.6	51398.6	0.0	51397.2	51416.1	-18.9	-0.7
46	18	121659	560	130	270.59	51409.8	51409.8	0.0	51407.8	51426.7	-18.9	-1.0
46	18	121705	562	130	275.59	51420.6	51420.7	-0.1	51417.2	51436.1	-18.9	-1.7
46	18	121711	564	130	280.59	51429.8	51429.9	-0.1	51425.0	51443.9	-18.9	-2.4
46	18	121717	566	130	285.59	51436.4	51436.5	-0.1	51432.8	51451.7	-18.9	-1.8
46	18	121723	568	130	290.59	51436.4	51436.5	-0.1	51432.0	51450.9	-18.9	-2.2
46	18	121730	570	130	295.59	51441.0	51441.1	-0.1	51437.4	51456.3	-18.9	-1.8
46	18	121735	572	130	300.59	51443.4	51443.5	-0.1	51438.2	51457.1	-18.9	-2.6
46	18	121741	574	130	305.59	51449.0	51449.1	-0.1	51439.6	51458.5	-18.9	-4.7
46	18	121747	576	130	310.59	51453.4	51453.5	-0.1	51445.4	51464.3	-18.9	-4.0
47	18	122416	578	120	309.96	51447.0	51447.8	-0.8	51457.6	51476.0	-18.4	5.3
47	18	122422	580	120	304.96	51444.6	51445.4	-0.8	51450.8	51469.2	-18.4	3.1
47	18	122429	582	120	299.96	51439.2	51440.0	-0.8	51448.6	51467.0	-18.4	4.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
47	18	122435	584	120	294.96	51442.0	51442.8	-0.8	51444.4	51462.8	-18.4	1.2
47	18	122442	586	120	289.96	51440.0	51440.8	-0.8	51452.2	51470.5	-18.3	6.1
47	18	122451	588	120	284.96	51434.4	51435.2	-0.8	51449.2	51467.5	-18.3	7.4
47	18	122458	590	120	279.96	51427.6	51428.4	-0.8	51436.4	51454.7	-18.3	4.4
47	18	122505	592	120	274.96	51416.4	51417.3	-0.9	51423.8	51442.1	-18.3	3.7
47	18	122512	594	120	269.96	51407.0	51407.9	-0.9	51418.0	51436.3	-18.3	5.5
47	18	122518	596	120	264.96	51397.0	51397.9	-0.9	51410.0	51428.3	-18.3	6.5
47	18	122526	598	120	259.96	51382.4	51383.3	-0.9	51400.6	51418.9	-18.3	9.1
47	18	122533	600	120	254.96	51362.2	51363.1	-0.9	51379.8	51398.1	-18.3	8.8
47	18	122540	602	120	249.96	51329.8	51330.7	-0.9	51343.6	51361.9	-18.3	6.9
47	18	122547	604	120	244.96	51286.8	51287.7	-0.9	51304.6	51322.9	-18.3	8.9
47	18	122555	606	120	239.96	51228.6	51229.5	-0.9	51246.6	51264.9	-18.3	9.0
47	18	122601	608	120	234.96	51136.0	51136.9	-0.9	51156.8	51175.1	-18.3	10.4
47	18	122608	610	120	229.96	50993.2	50994.2	-1.0	51007.8	51026.0	-18.2	7.3
47	18	122614	612	120	224.96	50799.4	50800.4	-1.0	50792.4	50810.6	-18.2	-3.5
47	18	122621	614	120	219.96	50528.0	50529.0	-1.0	50442.6	50460.8	-18.2	-42.7
47	18	122629	616	120	214.96	50204.0	50205.0	-1.0	49941.0	49959.2	-18.2	-131.5
47	18	122636	618	120	209.96	49965.8	49966.8	-1.0	49379.8	49398.0	-18.2	-293.0
47	18	122643	620	120	204.96	50096.2	50097.2	-1.0	49338.6	49356.8	-18.2	-378.8
47	18	122651	622	120	199.96	50792.2	50793.2	-1.0	50107.4	50125.6	-18.2	-342.4
47	18	122657	624	120	194.96	51865.0	51866.0	-1.0	51701.4	51719.6	-18.2	-81.8
47	18	122705	626	120	189.96	52318.2	52319.3	-1.1	52402.2	52420.4	-18.2	42.0
47	18	122712	628	120	184.96	51985.6	51986.7	-1.1	51911.2	51929.4	-18.2	-37.2
47	18	122719	630	120	179.96	51681.4	51682.5	-1.1	51564.4	51582.6	-18.2	-58.5
47	18	122726	632	120	174.96	51450.8	51451.9	-1.1	51362.4	51380.6	-18.2	-44.2
47	18	122732	634	120	169.96	51372.8	51373.9	-1.1	51183.8	51201.9	-18.1	-94.5
47	18	122739	636	120	164.96	51376.4	51377.5	-1.1	51305.4	51323.5	-18.1	-35.5
47	18	122746	638	120	159.96	51364.6	51365.7	-1.1	51359.6	51377.7	-18.1	-2.5
47	18	122753	640	120	154.96	51343.4	51344.5	-1.1	51355.0	51373.1	-18.1	5.8
47	18	122800	642	120	149.96	51313.0	51314.1	-1.1	51317.8	51335.9	-18.1	2.4
47	18	122808	644	120	144.96	51289.2	51290.4	-1.2	51307.6	51325.7	-18.1	9.2
47	18	122814	646	120	139.96	51265.0	51266.2	-1.2	51284.6	51302.7	-18.1	9.8
47	18	122823	648	120	134.96	51212.6	51213.8	-1.2	51218.0	51236.1	-18.1	2.7
47	18	122829	650	120	129.96	51147.6	51148.8	-1.2	51130.8	51148.9	-18.1	-8.4
47	18	122837	652	120	124.96	50991.0	50992.2	-1.2	50845.2	50863.3	-18.1	-72.9
47	18	122845	654	120	119.96	51124.0	51125.2	-1.2	58598.6	58616.7	-18.1	3737.3
48	18	123444	666	110	119.33	49983.8	49984.9	-1.1	53079.6	53098.6	-19.0	1547.9
48	18	123452	668	110	124.33	50663.8	50665.0	-1.2	58571.0	58590.0	-19.0	3953.6
48	18	123500	670	110	129.33	51236.4	51237.6	-1.2	51364.0	51383.0	-19.0	63.8
48	18	123507	672	110	134.33	51312.4	51313.6	-1.2	51350.0	51369.0	-19.0	18.8
48	18	123515	674	110	139.33	51336.0	51337.2	-1.2	51360.8	51379.9	-19.1	12.4
48	18	123523	676	110	144.33	51347.8	51349.0	-1.2	51365.2	51384.3	-19.1	8.7
48	18	123529	678	110	149.33	51357.0	51358.2	-1.2	51365.0	51384.1	-19.1	4.0
48	18	123535	680	110	154.33	51353.2	51354.4	-1.2	51362.8	51381.9	-19.1	4.8
48	18	123542	682	110	159.33	51348.6	51349.8	-1.2	51343.0	51362.2	-19.2	-2.8
48	18	123549	684	110	164.33	51356.0	51357.2	-1.2	51328.6	51347.8	-19.2	-13.7
48	18	123555	686	110	169.33	51359.6	51360.7	-1.1	51318.4	51337.6	-19.2	-20.6
48	18	123602	688	110	174.33	51393.0	51394.1	-1.1	51312.4	51331.6	-19.2	-40.3
48	18	123607	690	110	179.33	51456.8	51457.9	-1.1	51351.0	51370.2	-19.2	-52.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
48	18	123613	692	110	184.33	51542.0	51543.1	-1.1	51452.6	51471.8	-19.2	-44.7
48	18	123619	694	110	189.33	51603.8	51604.9	-1.1	51594.8	51614.1	-19.3	-4.5
48	18	123626	696	110	194.33	51466.0	51467.1	-1.1	51410.2	51429.5	-19.3	-27.9
48	18	123633	698	110	199.33	51154.8	51155.9	-1.1	50975.6	50994.9	-19.3	-89.6
48	18	123641	700	110	204.33	50767.6	50768.7	-1.1	50558.6	50577.9	-19.3	-104.5
48	18	123648	702	110	209.33	50412.6	50413.7	-1.1	49995.6	50015.0	-19.4	-208.5
48	18	123654	704	110	214.33	50648.2	50649.3	-1.1	50419.6	50439.0	-19.4	-114.3
48	18	123702	706	110	219.33	50612.0	50613.1	-1.1	50363.4	50382.8	-19.4	-124.3
48	18	123708	708	110	224.33	50839.6	50840.7	-1.1	50792.2	50811.6	-19.4	-23.7
48	18	123715	710	110	229.33	51042.8	51043.9	-1.1	51028.6	51048.0	-19.4	-7.1
48	18	123721	712	110	234.33	51173.8	51174.9	-1.1	51177.0	51196.5	-19.5	1.6
48	18	123728	714	110	239.33	51252.4	51253.5	-1.1	51260.2	51279.7	-19.5	3.9
48	18	123734	716	110	244.33	51312.0	51313.1	-1.1	51317.0	51336.5	-19.5	2.5
48	18	123741	718	110	249.33	51344.8	51345.9	-1.1	51353.0	51372.5	-19.5	4.1
48	18	123748	720	110	254.33	51371.4	51372.5	-1.1	51378.0	51397.5	-19.5	3.3
48	18	123759	722	110	259.33	51388.2	51389.3	-1.1	51405.8	51425.4	-19.6	8.8
48	18	123809	724	110	264.33	51403.2	51404.3	-1.1	51415.2	51434.8	-19.6	6.0
48	18	123817	726	110	269.33	51414.4	51415.5	-1.1	51430.8	51450.4	-19.6	8.2
48	18	123824	728	110	274.33	51427.0	51428.1	-1.1	51434.0	51453.7	-19.7	3.5
48	18	123832	730	110	279.33	51432.4	51433.5	-1.1	51433.2	51452.9	-19.7	0.4
48	18	123839	732	110	284.33	51437.8	51438.9	-1.1	51439.8	51459.5	-19.7	1.0
48	18	123847	734	110	289.33	51446.6	51447.7	-1.1	51445.2	51464.9	-19.7	-0.7
48	18	123856	736	110	294.33	51445.6	51446.7	-1.1	51450.8	51470.6	-19.8	2.6
48	18	123917	738	110	299.33	51444.8	51445.9	-1.1	51445.0	51464.8	-19.8	0.1
48	18	123926	740	110	304.33	51445.4	51446.5	-1.1	51450.6	51470.4	-19.8	2.6
48	18	123934	742	110	309.33	51455.2	51456.3	-1.1	51450.8	51470.7	-19.9	-2.2
48	18	123941	744	110	314.33	51454.2	51455.3	-1.1	51453.2	51473.1	-19.9	-0.5
49	18	125426	746	100	313.7	51457.4	51458.1	-0.7	51460.2	51482.8	-22.6	1.4
49	18	125432	748	100	308.7	51455.6	51456.3	-0.7	51455.0	51477.7	-22.7	-0.3
49	18	125440	750	100	303.7	51456.8	51457.5	-0.7	51450.8	51473.5	-22.7	-3.0
49	18	125447	752	100	298.7	51449.6	51450.3	-0.7	51458.6	51481.3	-22.7	4.5
49	18	125454	754	100	293.7	51449.2	51449.9	-0.7	51456.6	51479.3	-22.7	3.7
49	18	125501	756	100	288.7	51447.0	51447.7	-0.7	51448.8	51471.6	-22.8	0.9
49	18	125508	758	100	283.7	51444.2	51444.9	-0.7	51446.6	51469.4	-22.8	1.2
49	18	125515	760	100	278.7	51443.4	51444.1	-0.7	51447.4	51470.2	-22.8	2.0
49	18	125524	762	100	273.7	51433.8	51434.5	-0.7	51448.8	51471.6	-22.8	7.5
49	18	125532	764	100	268.7	51425.6	51426.3	-0.7	51444.6	51467.4	-22.8	9.5
49	18	125541	766	100	263.7	51422.8	51423.5	-0.7	51427.6	51450.5	-22.9	2.4
49	18	125550	768	100	258.7	51410.0	51410.7	-0.7	51422.0	51444.9	-22.9	6.0
49	18	125558	770	100	253.7	51391.8	51392.5	-0.7	51411.4	51434.3	-22.9	9.8
49	18	125609	772	100	248.7	51351.0	51351.7	-0.7	51324.4	51347.4	-23.0	-13.3
49	18	125617	774	100	243.7	51341.8	51342.5	-0.7	51451.0	51474.0	-23.0	54.6
49	18	125624	776	100	238.7	51284.6	51285.3	-0.7	51309.4	51332.4	-23.0	12.4
49	18	125632	778	100	233.7	51205.4	51206.1	-0.7	51229.2	51252.2	-23.0	11.9
49	18	125639	780	100	228.7	51081.0	51081.7	-0.7	51102.2	51125.3	-23.1	10.6
49	18	125647	782	100	223.7	50895.4	50896.1	-0.7	50887.6	50910.7	-23.1	-3.9
49	18	125654	784	100	218.7	50666.4	50667.0	-0.6	50552.4	50575.5	-23.1	-57.0
49	18	125701	786	100	213.7	50486.4	50487.0	-0.6	50112.6	50135.7	-23.1	-186.9
49	18	125708	788	100	208.7	50819.8	50820.4	-0.6	50507.2	50530.4	-23.2	-156.3

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
49	18	125716	790	100	203.7	51630.0	51630.6	-0.6	52202.4	52225.6	-23.2	286.2
49	18	125724	792	100	198.7	52106.0	52106.6	-0.6	52891.0	52914.2	-23.2	392.5
49	18	125731	794	100	193.7	52206.6	52207.2	-0.6	52865.8	52889.0	-23.2	329.6
49	18	125739	796	100	188.7	51951.2	51951.8	-0.6	52247.4	52270.6	-23.2	148.1
49	18	125746	798	100	183.7	51633.6	51634.2	-0.6	51679.0	51702.3	-23.3	22.7
49	18	125753	800	100	178.7	51447.4	51448.0	-0.6	51421.0	51444.3	-23.3	-13.2
49	18	125759	802	100	173.7	51363.6	51364.2	-0.6	51328.4	51351.7	-23.3	-17.6
49	18	125806	804	100	168.7	51339.0	51339.6	-0.6	51318.2	51341.5	-23.3	-10.4
49	18	125813	806	100	163.7	51344.4	51345.0	-0.6	51328.8	51352.2	-23.4	-7.8
50	18	130309	818	90	163.07	51334.6	51334.6	0.0	51323.8	51346.0	-22.2	-5.4
50	18	130317	820	90	168.07	51326.4	51326.3	0.1	51305.0	51327.3	-22.3	-10.7
50	18	130324	822	90	173.07	51325.8	51325.7	0.1	51291.2	51313.5	-22.3	-17.3
50	18	130331	824	90	178.07	51363.2	51363.1	0.1	51304.8	51327.0	-22.2	-29.2
50	18	130337	826	90	183.07	51465.2	51465.1	0.1	51420.8	51443.0	-22.2	-22.2
50	18	130344	828	90	188.07	51674.4	51674.3	0.1	51703.6	51725.8	-22.2	14.6
50	18	130350	830	90	193.07	51759.2	51759.0	0.2	51865.2	51887.3	-22.1	53.0
50	18	130357	832	90	198.07	51477.8	51477.6	0.2	51323.2	51345.3	-22.1	-77.3
50	18	130405	834	90	203.07	50961.6	50961.4	0.2	50413.8	50435.9	-22.1	-273.9
50	18	130413	836	90	208.07	50703.6	50703.4	0.2	50604.2	50626.2	-22.0	-49.7
50	18	130420	838	90	213.07	50544.0	50543.8	0.2	50194.0	50216.0	-22.0	-175.0
50	18	130426	840	90	218.07	50743.6	50743.3	0.3	50647.4	50669.4	-22.0	-48.1
50	18	130433	842	90	223.07	50984.4	50984.1	0.3	50972.2	50994.1	-21.9	-6.1
50	18	130440	844	90	228.07	51159.2	51158.9	0.3	51148.8	51170.7	-21.9	-5.2
50	18	130446	846	90	233.07	51255.2	51254.9	0.3	51270.4	51292.3	-21.9	7.6
50	18	130454	848	90	238.07	51316.0	51315.7	0.3	51337.8	51359.6	-21.8	10.9
50	18	130501	850	90	243.07	51350.8	51350.4	0.4	51376.4	51398.2	-21.8	12.8
50	18	130513	852	90	248.07	51388.2	51387.8	0.4	51411.4	51433.1	-21.7	11.6
50	18	130520	854	90	253.07	51407.2	51406.8	0.4	51430.0	51451.7	-21.7	11.4
50	18	130528	856	90	258.07	51421.0	51420.6	0.4	51429.4	51451.1	-21.7	4.2
50	18	130536	858	90	263.07	51436.2	51435.8	0.4	51435.4	51457.0	-21.6	-0.4
50	18	130543	860	90	268.07	51441.4	51440.9	0.5	51437.8	51459.4	-21.6	-1.8
50	18	130550	862	90	273.07	51446.8	51446.3	0.5	51443.6	51465.2	-21.6	-1.6
50	18	130558	864	90	278.07	51450.4	51449.9	0.5	51448.2	51469.7	-21.5	-1.1
50	18	130605	866	90	283.07	51451.2	51450.7	0.5	51447.4	51468.9	-21.5	-1.9
50	18	130613	868	90	288.07	51456.2	51455.7	0.5	51452.6	51474.1	-21.5	-1.8
50	18	130622	870	90	293.07	51458.6	51458.0	0.6	51454.8	51476.2	-21.4	-1.9
50	18	130630	872	90	298.07	51460.0	51459.4	0.6	51457.6	51479.0	-21.4	-1.2
51	18	130931	874	80	297.44	51460.2	51459.1	1.1	51475.2	51495.7	-20.5	7.5
51	18	130938	876	80	292.44	51457.2	51456.1	1.1	51468.4	51488.9	-20.5	5.6
51	18	130946	878	80	287.44	51453.2	51452.1	1.1	51467.2	51487.7	-20.5	7.0
51	18	130954	880	80	282.44	51455.6	51454.5	1.1	51465.4	51485.8	-20.4	4.9
51	18	131002	882	80	277.44	51452.8	51451.7	1.1	51460.2	51480.6	-20.4	3.7
51	18	131009	884	80	272.44	51448.0	51446.8	1.2	51456.8	51477.1	-20.3	4.4
51	18	131015	886	80	267.44	51443.6	51442.4	1.2	51452.0	51472.3	-20.3	4.2
51	18	131023	888	80	262.44	51437.8	51436.6	1.2	51454.2	51474.5	-20.3	8.2
51	18	131030	890	80	257.44	51430.8	51429.6	1.2	51446.6	51466.8	-20.2	7.9
51	18	131037	892	80	252.44	51432.8	51431.6	1.2	51427.2	51447.4	-20.2	-2.8
51	18	131045	894	80	247.44	51412.6	51411.3	1.3	51420.0	51440.2	-20.2	3.7
51	18	131053	896	80	242.44	51391.0	51389.7	1.3	51404.4	51424.5	-20.1	6.7

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
51	18	131114	898	80	237.44	51361.4	51360.1	1.3	51384.4	51404.4	-20.0	11.5
51	18	131128	900	80	232.44	51312.8	51311.4	1.4	51344.4	51364.4	-20.0	15.8
51	18	131141	902	80	227.44	51202.4	51201.0	1.4	51237.6	51257.5	-19.9	17.6
51	18	131149	904	80	222.44	51060.6	51059.2	1.4	51084.4	51104.3	-19.9	11.9
51	18	131156	906	80	217.44	50788.0	50786.6	1.4	50736.8	50756.6	-19.8	-25.6
51	18	131204	908	80	212.44	50404.2	50402.7	1.5	50033.0	50052.8	-19.8	-185.6
51	18	131212	910	80	207.44	50310.2	50308.7	1.5	49597.6	49617.4	-19.8	-356.3
51	18	131220	912	80	202.44	51252.8	51251.3	1.5	51526.4	51546.1	-19.7	136.8
51	18	131228	914	80	197.44	51861.2	51859.7	1.5	52994.0	53013.7	-19.7	566.4
51	18	131235	916	80	192.44	51677.8	51676.3	1.5	51825.2	51844.9	-19.7	73.7
51	18	131244	918	80	187.44	51387.6	51386.0	1.6	51381.0	51400.6	-19.6	-3.3
51	18	131251	920	80	182.44	51271.4	51269.8	1.6	51202.6	51222.2	-19.6	-34.4
51	18	131258	922	80	177.44	51256.0	51254.4	1.6	51213.6	51233.2	-19.6	-21.2
51	18	131306	924	80	172.44	51285.4	51283.8	1.6	51267.8	51287.3	-19.5	-8.8
51	18	131313	926	80	167.44	51319.6	51318.0	1.6	51310.0	51329.5	-19.5	-4.8
51	18	131321	928	80	162.44	51336.8	51335.1	1.7	51328.4	51347.8	-19.4	-4.2
52	18	131604	930	70	161.81	51333.2	51331.1	2.1	51336.0	51354.7	-18.7	1.4
52	18	131612	932	70	166.81	51309.2	51307.1	2.1	51298.8	51317.4	-18.6	-5.2
52	18	131620	934	70	171.81	51251.0	51248.9	2.1	51110.2	51128.8	-18.6	-70.4
52	18	131628	936	70	176.81	51229.6	51227.4	2.2	51193.0	51211.6	-18.6	-18.3
52	18	131636	938	70	181.81	51187.4	51185.2	2.2	51122.6	51141.1	-18.5	-32.4
52	18	131644	940	70	186.81	51140.8	51138.6	2.2	50985.8	51004.3	-18.5	-77.5
52	18	131652	942	70	191.81	51159.0	51156.8	2.2	50973.2	50991.6	-18.4	-92.9
52	18	131701	944	70	196.81	51052.2	51050.0	2.2	50919.6	50938.0	-18.4	-66.3
52	18	131709	946	70	201.81	50756.4	50754.1	2.3	50326.0	50344.4	-18.4	-215.2
52	18	131717	948	70	206.81	50725.6	50723.3	2.3	50583.6	50601.9	-18.3	-71.0
52	18	131725	950	70	211.81	50855.6	50853.3	2.3	50828.0	50846.3	-18.3	-13.8
52	18	131733	952	70	216.81	51044.4	51042.1	2.3	51053.2	51071.5	-18.3	4.4
52	18	131740	954	70	221.81	51204.2	51201.8	2.4	51237.2	51255.4	-18.2	16.5
52	18	131748	956	70	226.81	51301.4	51299.0	2.4	51336.4	51354.6	-18.2	17.5
52	18	131756	958	70	231.81	51362.4	51360.0	2.4	51380.4	51398.5	-18.1	9.0
52	18	131804	960	70	236.81	51397.6	51395.2	2.4	51416.0	51434.1	-18.1	9.2
52	18	131812	962	70	241.81	51424.0	51421.6	2.4	51451.0	51469.1	-18.1	13.5
52	18	131821	964	70	246.81	51439.6	51437.1	2.5	51452.6	51470.6	-18.0	6.5
52	18	131828	966	70	251.81	51446.4	51443.9	2.5	51455.0	51473.0	-18.0	4.3
52	18	131837	968	70	256.81	51452.0	51449.5	2.5	51460.2	51478.2	-18.0	4.1
52	18	131845	970	70	261.81	51456.6	51454.1	2.5	51460.0	51477.9	-17.9	1.7
52	18	131859	972	70	266.81	51460.6	51458.0	2.6	51460.0	51477.9	-17.9	-0.3
52	18	131907	974	70	271.81	51463.4	51460.8	2.6	51459.8	51477.6	-17.8	-1.8
52	18	131915	976	70	276.81	51463.6	51461.0	2.6	51466.0	51483.8	-17.8	1.2
52	18	131923	978	70	281.81	51460.2	51457.6	2.6	51477.2	51494.9	-17.7	8.5
52	18	131935	980	70	286.81	51462.8	51460.1	2.7	51472.2	51489.9	-17.7	4.7
53	18	132403	982	60	296.18	51463.8	51460.4	3.4	51479.8	51496.2	-16.4	8.0
53	18	132411	984	60	291.18	51463.6	51460.2	3.4	51475.8	51492.2	-16.4	6.1
53	18	132420	986	60	286.18	51466.0	51462.6	3.4	51487.8	51504.1	-16.3	10.9
53	18	132428	988	60	281.18	51465.2	51461.8	3.4	51476.2	51492.5	-16.3	5.5
53	18	132436	990	60	276.18	51464.8	51461.4	3.4	51472.6	51488.9	-16.3	3.9
53	18	132445	992	60	271.18	51461.4	51457.9	3.5	51470.6	51486.8	-16.2	4.6
53	18	132453	994	60	266.18	51459.6	51456.1	3.5	51467.4	51483.6	-16.2	3.9

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
53	18	132502	996	60	261.18	51455.8	51452.3	3.5	51465.4	51481.5	-16.1	4.8
53	18	132511	998	60	256.18	51453.8	51450.3	3.5	51470.8	51486.9	-16.1	8.5
53	18	132518	1000	60	251.18	51454.0	51450.4	3.6	51457.8	51473.9	-16.1	1.9
53	18	132525	1002	60	246.18	51445.8	51442.2	3.6	51457.0	51473.0	-16.0	5.6
53	18	132534	1004	60	241.18	51437.4	51433.8	3.6	51455.2	51471.2	-16.0	8.9
53	18	132543	1006	60	236.18	51422.8	51419.2	3.6	51447.6	51463.5	-15.9	12.4
53	18	132551	1008	60	231.18	51402.6	51399.0	3.6	51432.0	51447.9	-15.9	14.7
53	18	132559	1010	60	226.18	51361.8	51358.1	3.7	51403.0	51418.9	-15.9	20.6
53	18	132606	1012	60	221.18	51287.6	51283.9	3.7	51337.6	51353.4	-15.8	25.0
53	18	132614	1014	60	216.18	51100.0	51096.3	3.7	51152.6	51168.4	-15.8	26.3
53	18	132622	1016	60	211.18	50715.4	50711.7	3.7	50327.0	50342.8	-15.8	-194.2
53	18	132630	1018	60	206.18	50727.0	50723.3	3.7	50767.0	50782.7	-15.7	20.0
53	18	132638	1020	60	201.18	50521.4	50517.6	3.8	50063.8	50079.5	-15.7	-228.8
53	18	132645	1022	60	196.18	50857.0	50853.2	3.8	50800.4	50816.1	-15.7	-28.3
53	18	132653	1024	60	191.18	51256.4	51252.6	3.8	51530.2	51545.8	-15.6	136.9
53	18	132701	1026	60	186.18	51277.8	51274.0	3.8	51341.4	51357.0	-15.6	31.8
53	18	132709	1028	60	181.18	51271.6	51267.8	3.8	51276.0	51291.5	-15.5	2.2
53	18	132717	1030	60	176.18	51286.2	51282.3	3.9	51284.4	51299.9	-15.5	-0.9
53	18	132725	1032	60	171.18	51311.8	51307.9	3.9	51311.8	51327.3	-15.5	0.0
53	18	132733	1034	60	166.18	51339.6	51335.7	3.9	51328.0	51343.4	-15.4	-5.8
53	18	132741	1036	60	161.18	51360.8	51356.9	3.9	51351.6	51367.0	-15.4	-4.6
54	18	133410	1048	50	160.55	51373.0	51368.5	4.5	51379.8	51396.2	-16.4	3.4
54	18	133419	1050	50	165.55	51360.2	51355.5	4.7	51345.4	51361.6	-16.2	-7.4
54	18	133427	1052	50	170.55	51339.4	51334.7	4.7	51314.6	51330.8	-16.2	-12.4
54	18	133435	1054	50	175.55	51317.2	51312.5	4.7	51262.4	51278.6	-16.2	-27.4
54	18	133444	1056	50	180.55	51292.0	51287.3	4.7	51213.6	51229.9	-16.3	-39.2
54	18	133451	1058	50	185.55	51222.0	51217.3	4.7	51145.4	51161.7	-16.3	-38.3
54	18	133459	1060	50	190.55	51087.4	51082.7	4.7	51038.2	51054.5	-16.3	-24.6
54	18	133509	1062	50	195.55	50841.2	50836.5	4.7	50717.2	50733.5	-16.3	-62.0
54	18	133517	1064	50	200.55	50696.6	50691.8	4.8	50469.8	50486.2	-16.4	-113.4
54	18	133525	1066	50	205.55	50970.0	50965.2	4.8	51018.0	51034.4	-16.4	24.0
54	18	133534	1068	50	210.55	51187.8	51183.0	4.8	51265.4	51281.8	-16.4	38.8
54	18	133542	1070	50	215.55	51304.0	51299.2	4.8	51345.4	51361.9	-16.5	20.7
54	18	133549	1072	50	220.55	51368.4	51363.6	4.8	51389.4	51405.9	-16.5	10.5
54	18	133558	1074	50	225.55	51400.2	51395.4	4.8	51416.2	51432.7	-16.5	8.0
54	18	133607	1076	50	230.55	51417.0	51412.2	4.8	51392.2	51408.7	-16.5	-12.4
55	18	134047	1078	40	239.92	51447.6	51442.3	5.3	51456.2	51473.6	-17.4	4.3
55	18	134056	1080	40	234.92	51431.8	51426.5	5.3	51450.4	51467.9	-17.5	9.3
55	18	134104	1082	40	229.92	51403.4	51398.1	5.3	51417.0	51434.5	-17.5	6.8
55	18	134112	1084	40	224.92	51327.4	51322.1	5.3	51308.2	51325.7	-17.5	-9.6
55	18	134121	1086	40	219.92	51238.8	51233.4	5.4	50856.4	50874.0	-17.6	-191.2
55	18	134130	1088	40	214.92	51740.4	51735.0	5.4	52010.2	52027.8	-17.6	134.9
55	18	134139	1090	40	209.92	51616.6	51611.2	5.4	51128.4	51146.0	-17.6	-244.1
55	18	134147	1092	40	204.92	51815.2	51809.8	5.4	58619.2	58636.8	-17.6	3402.0
55	18	134155	1094	40	199.92	51422.2	51416.8	5.4	51380.2	51397.9	-17.7	-21.0
55	18	134203	1096	40	194.92	51246.6	51241.2	5.4	51239.0	51256.7	-17.7	-3.8
55	18	134210	1098	40	189.92	51097.4	51092.0	5.4	50983.2	51000.9	-17.7	-57.1
55	18	134219	1100	40	184.92	50875.6	50870.1	5.5	49487.8	49505.5	-17.7	-693.9
55	18	134227	1102	40	179.92	58594.2	58588.7	5.5	58612.2	58630.0	-17.8	9.0

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
55	18	134234	1104	40	174.92	51390.8	51385.3	5.5	50745.8	50763.6	-17.8	-322.5
55	18	134242	1106	40	169.92	51334.8	51329.3	5.5	51233.0	51250.8	-17.8	-50.9
55	18	134249	1108	40	164.92	51362.2	51356.7	5.5	51344.2	51362.0	-17.8	-9.0
55	18	134256	1110	40	159.92	51383.4	51377.9	5.5	51386.8	51404.7	-17.9	1.7
56	18	134423	1112	30	159.29	51394.8	51389.1	5.7	51407.2	51425.3	-18.1	6.2
56	18	134431	1114	30	164.29	51376.6	51370.9	5.7	51358.6	51376.8	-18.2	-9.0
56	18	134441	1116	30	169.29	51332.6	51326.9	5.7	51237.0	51255.2	-18.2	-47.8
56	18	134450	1118	30	174.29	51185.2	51179.5	5.7	50967.2	50985.4	-18.2	-109.0
56	18	134458	1120	30	179.29	51015.0	51009.3	5.7	50883.2	50901.4	-18.2	-65.9
56	18	134506	1122	30	184.29	51044.8	51039.1	5.7	50986.8	51005.1	-18.3	-29.0
56	18	134513	1124	30	189.29	51217.0	51211.3	5.7	51206.6	51224.9	-18.3	-5.2
56	18	134520	1126	30	194.29	51319.2	51313.4	5.8	51310.8	51329.1	-18.3	-4.2
56	18	134527	1128	30	199.29	51350.2	51344.4	5.8	51320.6	51338.9	-18.3	-14.8
56	18	134537	1130	30	204.29	51307.0	51301.2	5.8	51202.4	51220.8	-18.4	-52.3
56	18	134545	1132	30	209.29	51155.8	51150.0	5.8	50808.8	50827.2	-18.4	-173.5
56	18	134552	1134	30	214.29	50616.8	50611.0	5.8	49112.4	49130.8	-18.4	-752.2
56	18	134600	1136	30	219.29	50853.0	50847.2	5.8	50601.8	50620.2	-18.4	-125.6
56	18	134608	1138	30	224.29	51278.2	51272.4	5.8	51283.2	51301.7	-18.5	2.5
56	18	134615	1140	30	229.29	51403.2	51397.4	5.8	51404.2	51422.7	-18.5	0.5
57	18	134907	1142	20	233.66	51454.6	51448.5	6.1	51466.2	51485.3	-19.1	5.8
57	18	134914	1144	20	228.66	51442.0	51435.9	6.1	51459.4	51478.5	-19.1	8.7
57	18	134922	1146	20	223.66	51425.0	51418.8	6.2	51444.0	51463.1	-19.1	9.5
57	18	134930	1148	20	218.66	51425.4	51419.2	6.2	51459.4	51478.5	-19.1	17.0
57	18	134937	1150	20	213.66	51412.4	51406.2	6.2	51479.2	51498.4	-19.2	33.4
57	18	134944	1152	20	208.66	51402.8	51396.6	6.2	51417.0	51436.2	-19.2	7.1
57	18	134951	1154	20	203.66	51406.0	51399.8	6.2	51410.0	51429.2	-19.2	2.0
57	18	134958	1156	20	198.66	51415.0	51408.8	6.2	51436.4	51455.6	-19.2	10.7
57	18	135005	1158	20	193.66	51406.6	51400.4	6.2	51425.6	51444.8	-19.2	9.5
57	18	135011	1160	20	188.66	51394.4	51388.2	6.2	51413.2	51432.5	-19.3	9.4
57	18	135018	1162	20	183.66	51392.2	51385.9	6.3	51385.0	51404.3	-19.3	-3.6
57	18	135025	1164	20	178.66	51389.8	51383.5	6.3	51384.4	51403.7	-19.3	-2.7
57	18	135032	1166	20	173.66	51400.0	51393.7	6.3	51413.0	51432.3	-19.3	6.5
57	18	135039	1168	20	168.66	51413.0	51406.7	6.3	51410.6	51430.0	-19.4	-1.2
57	18	135046	1170	20	163.66	51418.6	51412.3	6.3	51422.0	51441.4	-19.4	1.7
57	18	135053	1172	20	158.66	51424.4	51418.1	6.3	51425.6	51445.0	-19.4	0.6
58	18	135408	1174	10	158.03	51446.2	51439.6	6.6	51454.4	51474.4	-20.0	4.1
58	18	135416	1176	10	163.03	51459.6	51453.0	6.6	51466.8	51486.9	-20.1	3.6
58	18	135424	1178	10	168.03	51458.2	51451.5	6.7	51476.2	51496.3	-20.1	9.0
58	18	135431	1180	10	173.03	51435.6	51428.9	6.7	51428.8	51448.9	-20.1	-3.4
58	18	135438	1182	10	178.03	51430.6	51423.9	6.7	51424.8	51444.9	-20.1	-2.9
58	18	135445	1184	10	183.03	51432.2	51425.5	6.7	51433.8	51454.0	-20.2	0.8
58	18	135453	1186	10	188.03	51441.2	51434.5	6.7	51457.0	51477.2	-20.2	7.9
58	18	135501	1188	10	193.03	51444.6	51437.9	6.7	51448.2	51468.4	-20.2	1.8
58	18	135508	1190	10	198.03	51425.0	51418.3	6.7	51432.2	51452.4	-20.2	3.6
58	18	135517	1192	10	203.03	51428.4	51421.6	6.8	52159.8	52180.1	-20.3	365.7
58	18	135525	1194	10	208.03	51443.2	51436.4	6.8	51440.0	51460.3	-20.3	-1.6
58	18	135533	1196	10	213.03	51437.8	51431.0	6.8	51441.6	51461.9	-20.3	1.9
58	18	135541	1198	10	218.03	51443.4	51436.6	6.8	51453.8	51474.1	-20.3	5.2
58	18	135548	1200	10	223.03	51452.2	51445.4	6.8	51457.0	51477.4	-20.4	2.4

Line	Day	Time	Sta.	X	Y	TOP (nT)			BOTTOM (nT)			Vert. Grad. (nT/ft)
						uncorr.	corr.	diff.	uncorr.	corr.	diff.	
58	18	135556	1202	10	228.03	51459.2	51452.4	6.8	51456.4	51476.8	-20.4	-1.4
58	18	135603	1204	10	233.03	51455.8	51449.0	6.8	51449.2	51469.6	-20.4	-3.3
58	18	135610	1206	10	238.03	51454.0	51447.2	6.8	51452.4	51472.8	-20.4	-0.8
59	18	135815	1208	0	237.4	51451.8	51444.8	7.0	51332.6	51353.4	-20.8	-59.6
59	18	135823	1210	0	232.4	51504.8	51497.7	7.1	51507.2	51528.1	-20.9	1.2
59	18	135831	1212	0	227.4	51487.6	51480.5	7.1	51531.4	51552.3	-20.9	21.9
59	18	135839	1214	0	222.4	51467.8	51460.7	7.1	51478.6	51499.5	-20.9	5.4
59	18	135847	1216	0	217.4	51461.2	51454.1	7.1	51471.8	51492.7	-20.9	5.3
59	18	135854	1218	0	212.4	51457.4	51450.3	7.1	51464.2	51485.2	-21.0	3.4
59	18	135901	1220	0	207.4	51454.6	51447.5	7.1	51478.2	51499.2	-21.0	11.8
59	18	135908	1222	0	202.4	51453.4	51446.3	7.1	51473.8	51494.8	-21.0	10.2
59	18	135915	1224	0	197.4	51448.0	51440.9	7.1	51455.0	51476.0	-21.0	3.5
59	18	135922	1226	0	192.4	51447.2	51440.0	7.2	51457.8	51478.8	-21.0	5.3
59	18	135929	1228	0	187.4	51445.2	51438.0	7.2	51440.0	51461.1	-21.1	-2.6
59	18	135935	1230	0	182.4	51440.0	51432.8	7.2	51390.0	51411.1	-21.1	-25.0
59	18	135943	1232	0	177.4	51702.4	51695.2	7.2	52193.0	52214.1	-21.1	245.3
59	18	135950	1234	0	172.4	51496.2	51489.0	7.2	51443.6	51464.7	-21.1	-26.3
59	18	135957	1236	0	167.4	51491.8	51484.6	7.2	51526.2	51547.4	-21.2	17.2
59	18	140004	1238	0	162.4	51495.4	51488.2	7.2	51526.8	51548.0	-21.2	15.7
59	18	140011	1240	0	157.4	51466.6	51459.4	7.2	51482.8	51504.0	-21.2	8.1

DAY 361 DIURNAL VARIATIONS

TOP				BOTTOM			
Sta.	Time	Field		Sta.	Time	Field	
1	13:40:30	51495.6	13:40:46	0	13:40:27	51495.7	13:40:43
3	13:40:38	51495.5	mean: 51495.7	2	13:40:35	51495.7	mean: 51495.9
5	13:40:46	51495.7	sd: 0.13	4	13:40:43	51495.9	sd: 0.15
7	13:40:54	51495.8		6	13:40:51	51496.0	
9	13:41:02	51495.8		8	13:40:59	51496.0	
199	14:07:58	51494.8	14:08:15	198	14:07:55	51494.2	14:08:11
201	14:08:06	51494.6	mean: 51494.7	200	14:08:03	51494.2	mean: 51494.2
203	14:08:15	51494.5	sd: 0.13	202	14:08:11	51494.3	sd: 0.04
205	14:08:23	51494.6		204	14:08:20	51494.2	
207	14:08:31	51494.8		206	14:08:28	51494.2	
397	14:34:49	51500.3	14:35:05	396	14:34:45	51472.3	14:35:02
399	14:34:57	51500.4	mean: 51500.2	398	14:34:54	51499.1	mean: 51493.6
401	14:35:05	51500.2	sd: 0.13	400	14:35:02	51498.9	sd: 11.92
403	14:35:13	51500.1		402	14:35:10	51498.9	
405	14:35:21	51500.1		404	14:35:18	51498.9	
595	15:05:14	51503.1	15:05:31	594	15:05:11	51499.8	15:05:27
597	15:05:22	51503.2	mean: 51503.1	596	15:05:19	51499.7	mean: 51499.1
599	15:05:31	51503.1	sd: 0.08	598	15:05:27	51499.8	sd: 0.15
601	15:05:39	51503.0		600	15:05:35	51499.9	
603	15:05:47	51503.2		602	15:05:44	51500.1	
793	15:29:45	51505.5	15:30:01	792	15:29:42	51500.5	15:29:58
795	15:29:53	51505.8	mean: 51505.6	794	15:29:50	51500.4	mean: 51500.4
797	15:30:01	51505.8	sd: 0.19	796	15:29:58	51500.5	sd: 0.08
799	15:30:09	51505.5		798	15:30:06	51500.3	
801	15:30:18	51505.4		800	15:30:14	51500.4	
991	15:54:37	51486.5	15:54:54	990	15:54:34	51481.6	15:54:50
993	15:54:46	51486.4	mean: 51486.3	992	15:54:42	51481.5	mean: 51481.5
995	15:54:54	51486.4	sd: 0.19	994	15:54:50	51481.6	sd: 0.08
997	15:55:02	51486.4		996	15:54:59	51481.5	
999	15:55:10	51486.0		998	15:55:07	51481.4

DAY 362 DIURNAL VARIATIONS

TOP				BOTTOM			
Sta.	Time	Field (nT)		Sta.	Time	Field (nT)	
1005	10:53:04	51471.6	10:53:20 mean: 51471.9 sd: 0.18	1004	10:53:02	51442.8	10:53:17 mean: 51443.0 sd: 0.26
1007	10:53:12	51472.0		1006	10:53:10	51443.2	
1009	10:53:20	51472.0		1008	10:53:17	51443.4	
1011	10:53:26	51472.0		1010	10:53:24	51442.8	
1013	10:53:35	51471.8		1012	10:53:32	51443.0	
1203	11:11:40	51465.6	11:11:53 mean: 51465.4 sd: 0.20	1202	11:11:37	51436.6	11:11:51 mean: 51436.1 sd: 0.33
1205	11:11:46	51465.4		1204	11:11:44	51436.2	
1207	11:11:53	51465.2		1206	11:11:51	51436.0	
1209	11:12:00	51465.2		1208	11:11:57	51435.8	
1211	11:12:06	51465.6		1210	11:12:04	51435.8	
1401	11:35:09	51463.4	11:35:24 mean: 51463.2 sd: 0.30	1400	11:35:07	51432.2	11:35:21 mean: 51432.4 sd: 0.22
1403	11:35:16	51463.0		1402	11:35:14	51432.2	
1405	11:35:24	51463.0		1404	11:35:22	51432.6	
1407	11:35:31	51463.6		1406	11:35:28	51432.6	
1409	11:35:37	51463.6		1408	11:35:35	51432.6	
1599	11:55:49	51455.0	11:56:03 mean: 51455.8 sd: 0.61	1598	11:55:47	51432.0	11:56:00 mean: 51432.8 sd: 0.75
1601	11:55:56	51455.4		1600	11:55:54	51432.0	
1603	11:56:03	51456.2		1602	11:56:00	51433.6	
1605	11:56:09	51456.4		1604	11:56:07	51433.4	
1607	11:56:16	51456.2		1606	11:56:14	51432.8	
1609	13:17:38	51474.4	13:17:48 mean: 51474.5 sd: 0.36	1608	13:17:36	51445.4	13:17:47 mean: 51445.2 sd: 0.26
1611	13:17:43	51474.6		1610	13:17:40	51445.2	
1613	13:17:49	51474.0		1612	13:17:47	51445.4	
1615	13:17:56	51475.0		1614	13:17:53	51444.8	
1617	13:18:02	51474.4		1616	13:18:00	51445.0	
1807	13:35:49	51474.6	13:36:02 mean: 51475.4 sd: 0.54	1806	13:35:47	51447.6	13:36:00 mean: 51447.4 sd: 0.14
1809	13:35:56	51475.2		1808	13:35:53	51447.2	
1811	13:36:02	51475.8		1810	13:36:00	51447.4	

1813	13:36:09	51475.8		1812	13:36:07	51447.4	
1815	13:36:16	51475.8		1814	13:36:13	51447.4	
2005	14:00:22	51482.0	14:00:37	2004	14:00:19	51448.4	14:00:35
2007	14:00:26	51482.2	mean: 51482.6	2006	14:00:24	51448.2	mean: 51448.2
2009	14:00:33	51482.4	sd: 0.53	2008	14:00:31	51448.6	sd: 0.34
2011	14:00:39	51483.0		2010	14:00:37	51448.2	
2013	14:00:47	51483.4		2012	14:00:45	51448.4	
2015	14:00:54	51482.4		2014	14:00:51	51447.6	
2205	14:22:42	51486.2	14:22:55	2204	14:22:39	51452.8	14:22:53
2207	14:22:48	51486.8	mean: 51486.3	2206	14:22:46	51452.0	mean: 51452.1
2209	14:22:55	51486.8	sd: 0.46	2208	14:22:53	51452.2	sd: 0.44
2211	14:23:02	51486.0		2210	14:23:00	51452.0	
2213	14:23:09	51485.8		2212	14:23:06	51451.6	
2403	14:47:42	51487.6	14:47:55	2402	14:47:40	51454.8	14:47:53
2405	14:47:49	51487.6	mean: 51487.7	2404	14:47:47	51454.6	mean: 51454.6
2407	14:47:55	51487.8	sd: 0.11	2406	14:47:53	51454.8	sd: 0.17
2409	14:48:02	51487.6		2408	14:48:00	51454.4	
2411	14:48:09	51487.8		2410	14:48:06	51454.6	
2601	15:09:08	51496.0	15:09:22	2600	15:09:06	51456.8	15:09:19
2603	15:09:15	51496.0	mean: 51496.0	2602	15:09:13	51456.8	mean: 51456.8
2605	15:09:22	51496.0	sd: 0.09	2604	15:09:19	51456.8	sd: 0.09
2607	15:09:28	51496.0		2606	15:09:26	51457.0	
2609	15:09:35	51496.2		2608	15:09:33	51456.8	

DAY 362 DIURNAL VARIATIONS

DAY 17 DIURNAL VARIATIONS

TOP				BOTTOM			
Sta.	Time	Field (nT)		Sta.	Time	Field (nT)	
1	9:53:16	51307.8	9:53:29	0	9:53:14	51240.0	9:53:26
3	9:53:22	51307.2	mean: 51307.0	2	9:53:20	51239.8	mean: 51239.6
5	9:53:29	51306.4	sd: 0.55	4	9:53:26	51239.4	sd: 0.26
7	9:53:35	51307.0		6	9:53:33	51239.4	
9	9:53:41	51306.6		8	9:53:39	51239.6	

247	10:15:57	51302.6	10:16:09	246	10:15:55	51231.4	10:16:07
249	10:16:03	51302.6	mean: 51302.9	248	10:16:01	51231.6	mean: 51231.9
251	10:16:09	51303.0	sd: 0.33	250	10:16:07	51232.2	sd: 0.41
253	10:16:15	51302.8		252	10:16:13	51232.0	
255	10:16:22	51303.4		254	10:16:19	51232.4	
501	10:44:31	51301.6	10:44:43	500	10:44:28	51231.0	10:44:41
503	10:44:37	51301.4	mean: 51301.0	502	10:44:35	51230.8	mean: 51231.1
505	10:44:43	51301.2	sd: 0.55	504	10:44:41	51231.4	sd: 0.41
507	10:44:49	51300.8		506	10:44:47	51231.6	
509	10:44:55	51300.2		508	10:44:53	51230.6	
511	11:52:59	51271.8	11:56:05	510	11:52:57	51202.4	11:56:03
513	11:56:42	51270.6	mean: 51271.4	512	11:56:40	51201.6	mean: 51201.8
515	11:56:48	51270.6	sd: 0.78	514	11:56:46	51202.0	sd: 0.46
517	11:56:55	51271.4		516	11:56:53	51201.6	
519	11:57:02	51272.4		518	11:56:59	51201.2	
771	12:26:41	51264.2	12:26:53	770	12:26:38	51195.4	12:26:50
773	12:26:47	51264.6	mean: 51264.7	772	12:26:44	51195.0	mean: 51195.1
775	12:26:53	51265.4	sd: 0.48	774	12:26:50	51195.0	sd: 0.27
777	12:26:59	51265.0		776	12:26:56	51194.8	
779	12:27:05	51264.4		778	12:27:02	51195.4	
1037	13:14:10	51279.0	13:14:23	1036	13:14:08	51205.6	13:14:21
1039	13:14:17	51278.6	mean: 51278.3	1038	13:14:14	51204.6	mean: 51204.8
1041	13:14:23	51278.6	sd: 0.69	1040	13:14:21	51204.4	sd: 0.50
1043	13:14:30	51278.2		1042	13:14:28	51204.8	
1045	13:14:37	51277.2		1044	13:14:34	51204.4	
1307	13:52:23	51271.4	13:52:37	1306	13:52:20	51155.2	13:52:34
1309	13:52:30	51270.8	mean: 51271.4	1308	13:52:28	51210.0	mean: 51198.9
1311	13:52:37	51270.8	sd: 0.73	1310	13:52:34	51210.0	sd: 24.42
1313	13:52:43	51271.4		1312	13:52:41	51209.6	
1315	13:52:50	51272.6		1314	13:52:48	51209.6	
1529	14:26:21	51279.6	14:26:34	1528	14:26:18	51219.6	14:26:32
1531	14:26:27	51279.4	mean: 51279.6	1530	14:26:25	51219.8	mean: 51220.1
1533	14:26:34	51279.6	sd: 0.17	1532	14:26:32	51219.6	sd: 1.05
1535	14:26:41	51279.8		1534	14:26:39	51219.6	
1537	14:26:48	51279.8		1536	14:26:46	51222.0	
1695	14:50:05	51288.0	14:50:19	1694	14:50:03	51222.0	14:50:16
1697	14:50:12	51288.2	mean: 51288.1	1696	14:50:10	51222.6	mean: 51223.3
1699	14:50:19	51287.6	sd: 0.91	1698	14:50:16	51222.2	sd: 2.20
1701	14:50:26	51287.2		1700	14:50:23	51222.4	
1703	14:50:32	51289.6		1702	14:50:30	51227.2

DAY 18 DIURNAL VARIATIONS

TOP				BOTTOM			
Sta.	Time	Field (nT)		Sta.	Time	Field (nT)	
1	11:12:53	51643.8	11:13:06	0	11:12:50	51533.6	11:13:04
3	11:13:00	51641.0	mean: 51640.8	2	11:12:58	51533.4	mean: 51522.2
5	11:13:06	51639.2	sd: 1.77	4	11:13:04	51533.0	sd: 0.26
7	11:13:13	51640.0		6	11:13:10	51533.0	
9	11:13:19	51640.2		8	11:13:17	51533.2	
159	11:27:23	51641.6	11:27:35	158	11:27:20	51534.4	11:27:33
161	11:27:29	51640.6	mean: 51646.2	160	11:27:27	51534.6	mean: 51535.2
163	11:27:35	51641.8	sd: 9.87	162	11:27:33	51535.0	sd: 0.82
165	11:27:41	51643.4		164	11:27:39	51536.2	
167	11:27:47	51663.8		166	11:27:45	51536.0	
325	11:47:23	51634.6	11:47:37	324	11:47:21	51535.0	11:47:35
327	11:47:29	51638.6	mean: 51634.3	326	11:47:27	51536.2	mean: 51537.1
329	11:47:35	51623.4	sd: 7.54	328	11:47:33	51537.0	sd: 1.65
331	11:47:46	51643.4		330	11:47:44	51539.2	
333	11:47:52	51631.6		332	11:47:49	51538.2	
491	12:07:13	51646.4	12:07:26	490	12:07:11	51539.2	12:07:23
493	12:07:19	51650.6	mean: 51649.0	492	12:07:17	51540.4	mean: 51540.0
495	12:07:26	51648.4	sd: 1.66	494	12:07:23	51539.8	sd: 0.55
497	12:07:32	51649.8		496	12:07:29	51539.8	
499	12:07:38	51649.8		498	12:07:35	51540.6	
657	12:29:20	51646.0	12:29:33	656	12:29:18	51541.0	12:29:30
659	12:29:26	51645.4	mean: 51646.8	658	12:29:24	51541.8	mean: 51541.6
661	12:29:33	51646.2	sd: 1.45	660	12:29:30	51541.0	sd: 0.57
663	12:29:39	51647.6		662	12:29:36	51542.2	
665	12:29:45	51649.0		664	12:29:42	51542.0	
809	12:58:48	51651.4	12:59:00	808	12:58:46	51536.0	12:58:58
811	12:58:54	51649.2	mean: 51647.5	810	12:58:52	51535.8	mean: 51536.1

813	12:59:00	51648.2	sd: 3.09	812	12:58:58	51537.0	sd: 0.54
815	12:59:06	51644.8		814	12:59:04	51535.6	
817	12:59:12	51644.0		816	12:59:10	51536.0	
1039	13:28:30	51652.4	13:28:44	1038	13:28:28	51544.4	13:28:41
1041	13:28:37	51652.4	mean: 51652.2	1040	13:28:35	51545.0	mean: 51544.5
1043	13:28:44	51652.2	sd: 0.15	1042	13:28:41	51545.8	sd: 0.92
1045	13:28:50	51651.6		1044	13:28:48	51544.0	
1047	13:28:57	51652.4		1046	13:28:55	51543.4	
1243	14:03:33	51654.6	14:03:47	1242	14:03:31	51536.6	14:03:44
1245	14:03:40	51653.8	mean: 51655.7	1244	14:03:37	51536.8	mean: 51537.7
1247	14:03:47	51655.6	sd: 1.76	1246	14:03:44	51536.8	sd: 1.45
1249	14:03:54	51656.2		1248	14:03:51	51538.2	
1251	14:04:00	51658.4		1250	14:03:58	51540.0