

Ministry of Energy, Mines & Petroleum Resources  
Mining & Minerals Division  
BC Geological Survey

Assessment Report  
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Integration of Geophysical and Geological Data in the U<sub>+</sub> TOTAL COST: \$19,317.21

AUTHOR(S): Frederick A. Cook, BA Belton

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Date: 2017.03.05 13:04:05 -0800

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2016-17

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event 5269967: Dates July 27, 2016; Oct 15-19, 25-29, 2016; Aug 8, 9, Oct 29, Nov 16-22, Dec 6-16, 2016

PROPERTY NAME: Spike's Big Adventure

CLAIM NAME(S) (on which the work was done): Spike's Big Adventure (984342), Spike's BA 02-12 (985682), Spike's BA 03-12 (985682), Spike's BA 04-13 (1020126)

COMMODITIES SOUGHT: Massive sulphides

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Ft. Steele

NTS/BCGS: 082G

LATITUDE: 49 ° 12 ' 54 " LONGITUDE: 115 ° 49 ' 58 " (at centre of work)

OWNER(S):

1) D. E. lavoie

2)

MAILING ADDRESS:

2290 DeWolfe Ave.

Kimberley, BC V1A1P5

OPERATOR(S) [who paid for the work]:

1) Kootenay Silver, Inc

2)

MAILING ADDRESS:

Suite 1820-1055 W. Hastings St.

Vancouver, BC V6E2E9

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Metasedimentary rock; Proterozoic; Middle Aldridge Formation, sedex deposits

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: Kennedy, AR34178; Kennedy, AR34914

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic Data acquisition and processing		984342	
Electromagnetic VLF-EM		984342	\$16,317.21
Induced Polarization			(amount is for both mag
Radiometric			and VLF acquisition
Seismic			and processing)
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil			
Silt			
Rock			
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other Report			\$3,000.00
<b>TOTAL COST:</b>			<b>\$19,317.21</b>

Assessment Report:

**Integration of Geophysical and Geological Data in the Upper  
Moyie River Area: Spike's Big Adventure Property**

**MTO event 5629967**

Approximate centre of property:  
North 49° 12' 54"; West 115° 49' 58"  
UTM Zone 11 585000E, 5452000N  
Approximate centre of work:  
North 49° 12' 54"; West 115° 49' 58"  
UTM Zone 11 585000E, 5452000N

**NTS map sheet 082G  
Fort Steele Mining Division  
by**

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**and**

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**March, 2017**

**BC Geological Survey  
Assessment Report  
36655**

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## **1.0 Summary**

Acquisition and processing of ground geophysical data in the Sunrise and Sundown Creek area near Moyie in southeastern British Columbia has led to the delineation of extensive zones of elevated electrical conductivity in the near surface (upper 100m). The apparent conductors are located in the vicinity of exposures of Middle Aldridge strata that were previously interpreted to have evidence of sea-floor venting (e.g., 'fragmentals'), extensive alteration, and anomalous Pb and Zn mineralization.

## **2.0 Introduction and Terms of Reference**

### **2.1 Introduction**

The purpose of this report is to describe results of a ground magnetic and VLF-EM survey on part of the Spike's Big Adventure (SBA) property located approximately 10 km south of Moyie, British Columbia (Figures 1 and 2). The area has been a focus of exploration activities for many decades, largely because it is near the Sullivan mine (about 40 km to the north), because the area has similar rocks, including exposed (meta-) sedimentary and igneous rocks of the Mesoproterozoic Middle and Lower Aldridge Formations, and because a number of strong showings with elevated Pb and Zn have been found. This report is a description of geophysical data acquisition and analyses that were undertaken in the months of July through December, 2016.

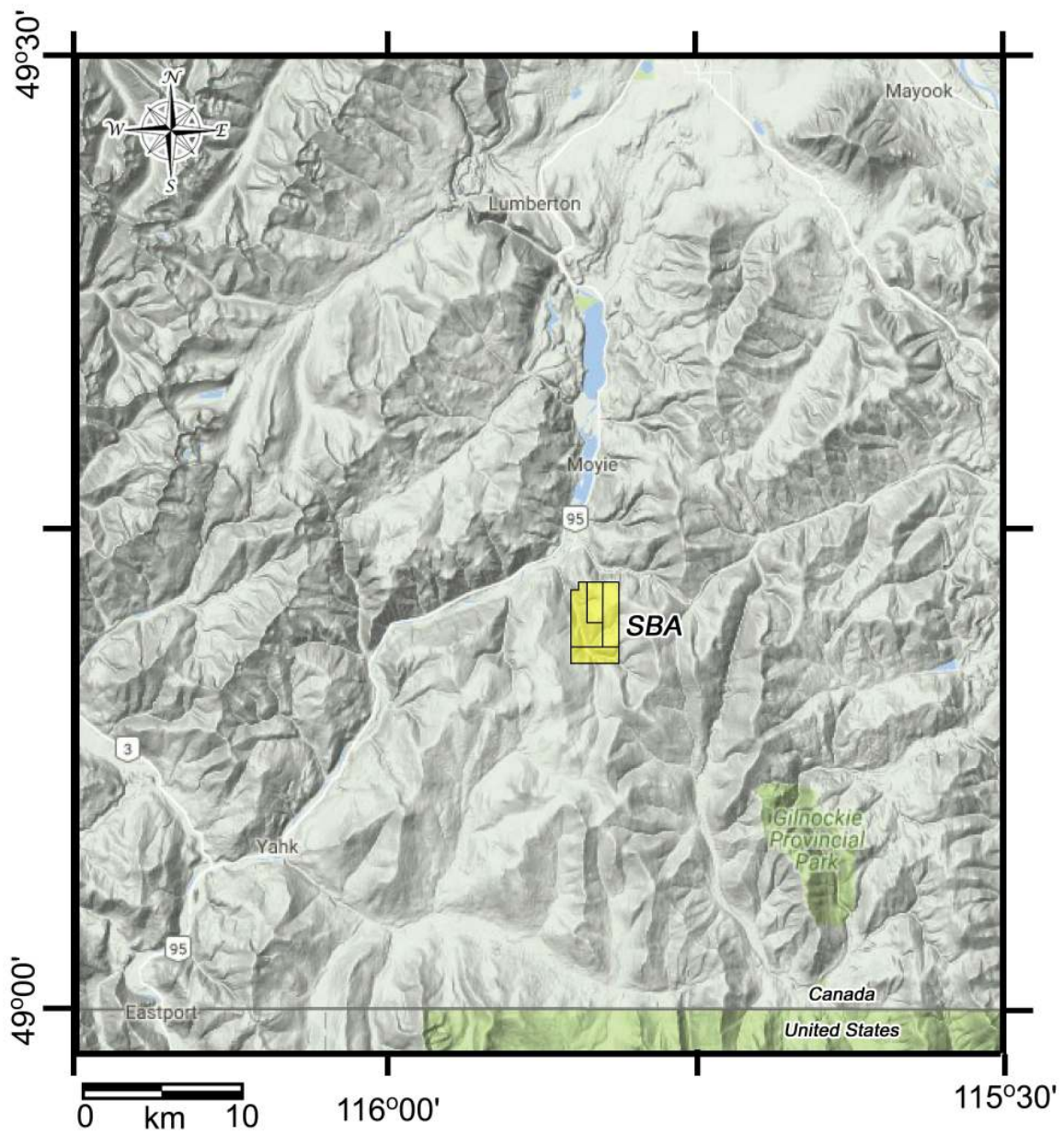
### **2.2 Terms of Reference**

All of the figures in this report were prepared by, or under the direction of, the author or adapted from previous figures prepared by, or under the direction of, the author. The sections of this report that discuss geophysical aspects of the Property rely in part on new analyses of data acquired in the region, and were processed with advanced techniques.

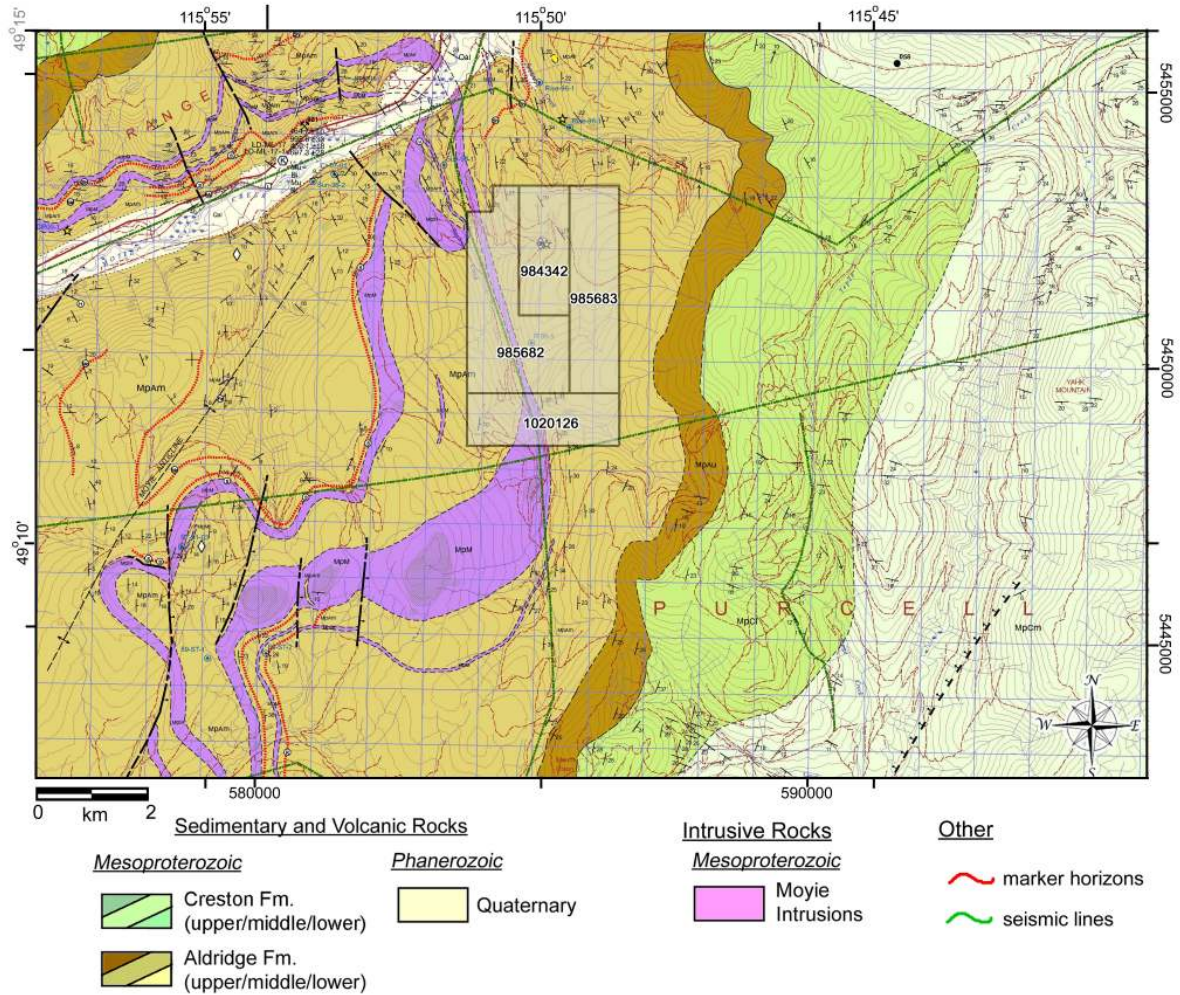
Included in this report are a description of the general geological setting of the Property, a description and analysis of geophysical data and results, an interpretation and reinterpretation of geological and geophysical relationships, and an evaluation of the merits of the relevant parts of the Property. Reports reviewed by the author are listed in the reference section at the end of this report.

The author is familiar with the geology and geophysics of the region, having been responsible for acquiring geophysical data in British Columbia since 1983 and as the transect leader for the Lithoprobe Southern Canadian Cordillera transect from 1985-1995 and Transect co-leader for the Lithoprobe Slave-Northern Cordillera transect from 1995-2005.

All measurement units used in this report are metric. The coordinate system in use on the Property and on all maps is UTM zone 11 (NAD83).



**Figure 1.** Image of the terrain near Spike's Big Adventure property (SBA) indicated by yellow shading.



**Figure 2.** Geological map of part of the Moyie anticline with the SBA tenures superimposed (shaded). Modified from

### 3.0 Mineral Tenure Description and Location

The SBA property is located in southeastern British Columbia approximately 25 km southwest of Cranbrook, BC (Figure 1). The property consists of four (4) mineral tenures containing approximately 1245.27 hectares (Table I). The mineral cell titles were acquired online and as such there are no posts or lines marking the location of the property on the ground. The property is wholly owned by Darlene Lavoie of Kimberley, BC and consists of four mineral title tenures: 984342, 985682, 985683, 1020126 (Table 1).

Table 1: Description of the Spike's Big Adventure mineral titles.

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Sub-mission Fee
984342	SPIKE'S BIG ADVENTURE	2012/MAY/07	2016/DEC/31	2018/Mar/17	441	211.02	\$ 3457.23	\$ 0.00
985682	SPIKE'S BA-02-12	2012/MAY/10	2016/DEC/31	2018/Mar/17	441	443.22	\$ 7243.32	\$ 0.00
985683	SPIKE'S BA-03-12	2012/MAY/10	2016/DEC/31	2018/Mar/17	441	337.67	\$ 5518.40	\$ 0.00
1020126	SPIKE'S BA-04-13	2013/JUN/07	2016/DEC/31	2018/Mar/17	441	253.36	\$ 3061.08	\$ 0.00

### 4.0 Accessibility and Physiography

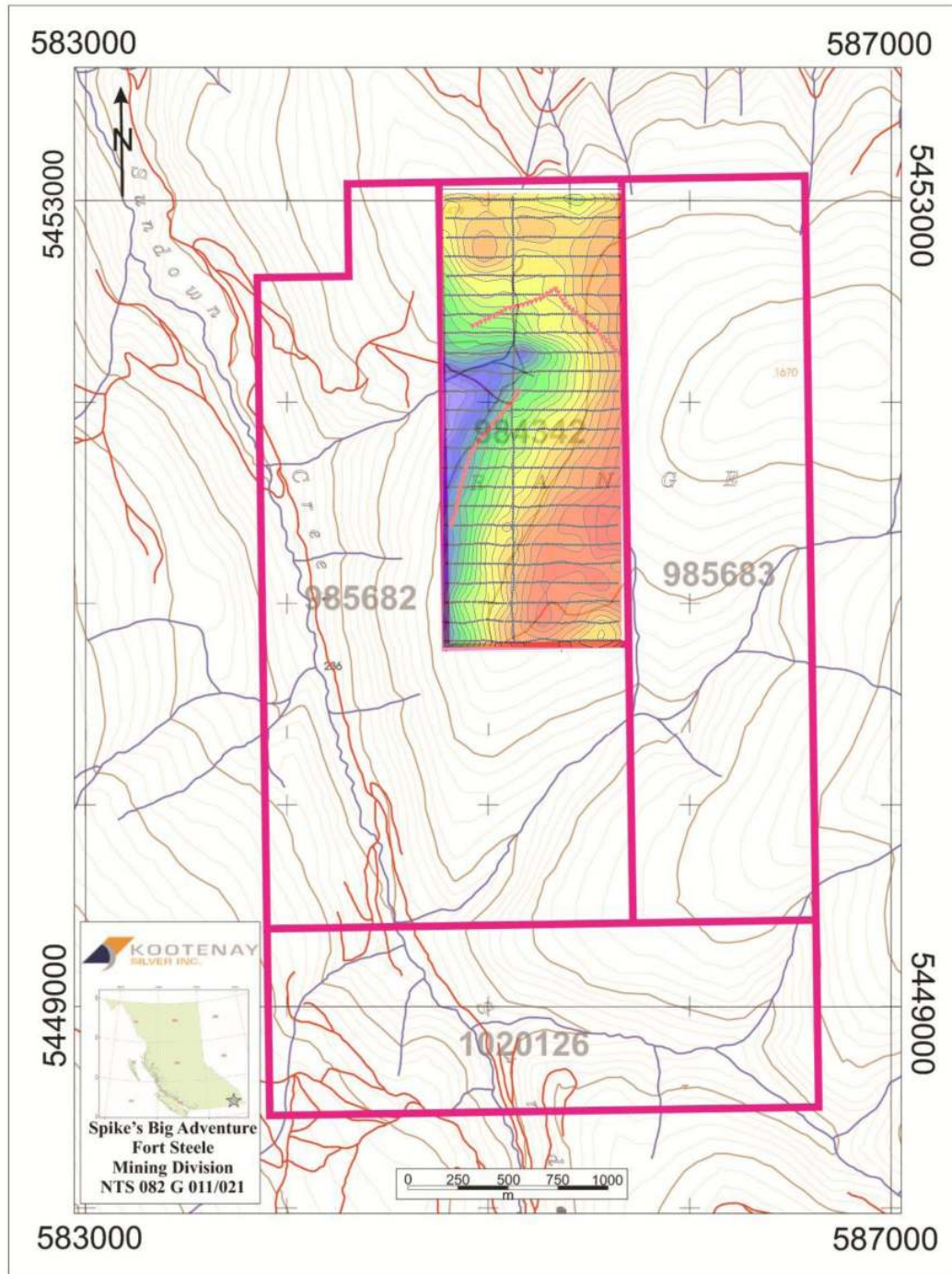
The Spike's Big Adventure (SBA) Property is a rectangular block of four claims located approximately 10 km south of Moyie, BC (Figures 1 and 2). Primary access is available from highway 3 south of Moyie to the Sunrise Creek Forest Service Road, then to the Sundown Creek Forest Service road.

The work described in this report is located in the central portion of the property (Figure 3). In this area, the terrain is hilly with elevation differences of as much as 200m from the valley to the higher elevations.

### 5.0 Exploration History

The area in the vicinity of the property has been prospected since the 19<sup>th</sup> century when the St. Eugene deposit was discovered and then mined. However, although the tenures that now comprise the SBA property have been held more-or-less continuously for 25 years, the SBA property has only been seriously prospected since 2012 or so (Kennedy, 2013, 2014). Previous work has included geological mapping, rock sampling and soil geochemistry (Kennedy, 2013, 2014). This report describes the first geophysical data that have been applied to the property.





**Figure 3.** Map of the SBA tenures with the area of the ground geophysics, both reconnaissance and grid, indicated by the coloured topography.



## 6.0 Geological Setting

The area of this study is in the central part of the Purcell anticlinorium in Canada (Figure 2); it is located southwest of Cranbrook, B. C., and south of Moyie, B. C. The Purcell anticlinorium in this area can be subdivided into three major blocks that are separated from one another by transverse contractional faults. The lowest structural panel is the Moyie block that is dominated by the Moyie anticline, a structure that plunges to the northeast in Canada and to the southeast in Montana. The axis of the Moyie anticline is identified on the left side of the geological map in Figure 2 and is located about 3-6 km west of the SBA property (Figure 2).

The study area is covered by Geological Survey of Canada Yahk River 1:50000 sheet (Brown and Macleod, 2011), part of which is reproduced in Figure 2. The strata exposed on and near the Property are entirely within the Mesoproterozoic Middle Aldridge Formation, a succession of basinal clastic rocks that are intruded by syn-depositional mafic sills (collectively known as the Moyie sills). These sills intruded at ca. 1470-1445 Ma and are shown on the geological map in lavender colour.

Within the limits of the geological map (Figure 2), there are few faults, and the ones that are observed tend to have relatively small displacements. This contrasts with some large-scale regional detachment structures (e.g., Lewis thrust) that are exposed east of the Purcell anticlinorium and that have tens of km of east-directed displacement. Some of these structures can be seen in the subsurface beneath the Moyie anticline on seismic reflection data (e.g., Cook and van der Velden, 1995), but most of the displacement that is observed in the foreland is manifested as shallow-dipping detachment structures that passively carried the rocks of the Purcell anticlinorium (including the rocks of the Moyie anticline).

Accordingly, exploration activities have been focused on finding:

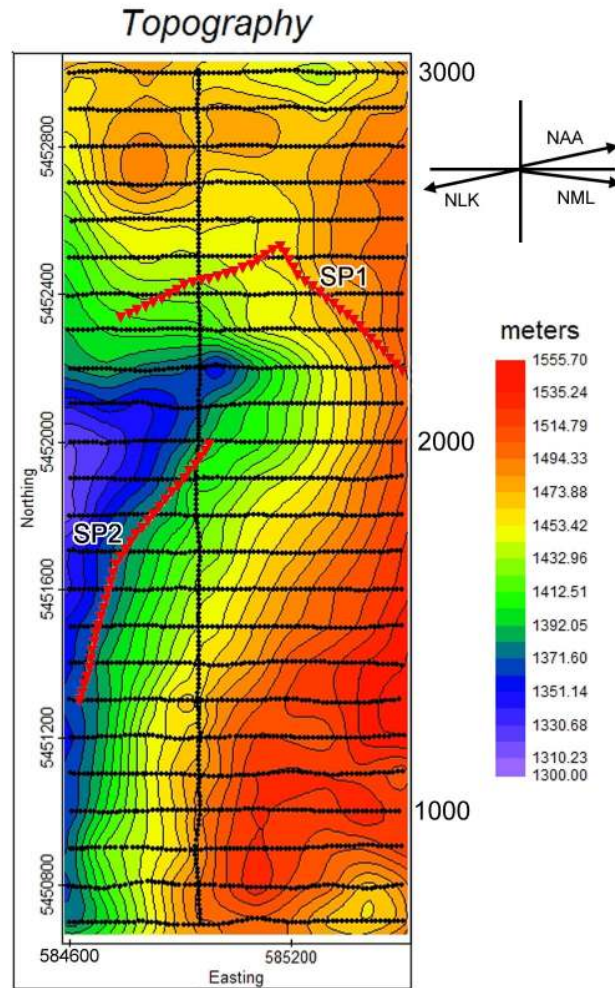
- 1) Stratabound deposits similar to the Sullivan deposit, either in the same stratigraphic interval (Lower Aldridge to Middle Aldridge transition), or in fragmental black smoker type deposits at other stratigraphic positions (e.g., Middle Aldridge), and
- 2) Polymetallic vein deposits associated with joints, fractures or faults (e.g., St. Eugene deposit).

The Spike's Big Adventure showing is considered to be a stratigraphically controlled sedimentary exhalative (Sedex) deposit (#1 above).

## 7.0 Geophysical Data

### 7.1 General

Two types of geophysical data were recorded and analysed in this study: ground-based magnetics and VLF-EM. The data were acquired in a rectangular grid that is 900m east-west by 2300m north-south (Figure 4). Two separate programs were undertaken: 1) a brief reconnaissance program of two VLF-EM profiles (lines SP-1 and SP-2 on Figure 4) that were recorded to test whether a large-scale effort was likely to be successful, and 2) a grid of 24 east-west lines (lines 700 through 3000 on Figure 4) and one long north-south line (line 4950 on Figure 4). Reconnaissance lines SP-1 and SP-2 did not include magnetic data and were recorded at 25m station spacing with a Geonics EM-16 instrument. Lines 700-3000 and 4950 were recorded with magnetic field measurements and VLF-EM at 12.5m intervals on a Gem Systems GSM-19 instrument.



**Figure 4.** Topographic map of the area of the ground geophysics grid (black lines) and reconnaissance VLF-EM data (red lines).

## 7.2 Reconnaissance Work Accomplished in 2016

Two reconnaissance VLF-EM lines were recorded with 25m station spacing (SP-1 and SP-2) on Figure 4. The lines were recorded to test the idea that VLF could help to map conductivity variations in the subsurface. Line SP-1 includes two segments at different orientations (SW-NE and NW-SE; Figure 4) and SP-2 is oriented mostly south to north. Data were recorded with a Geonics EM-16 VLF receiver and are shown in Figure 5. The total line length of reconnaissance data recorded was 1.825 km.

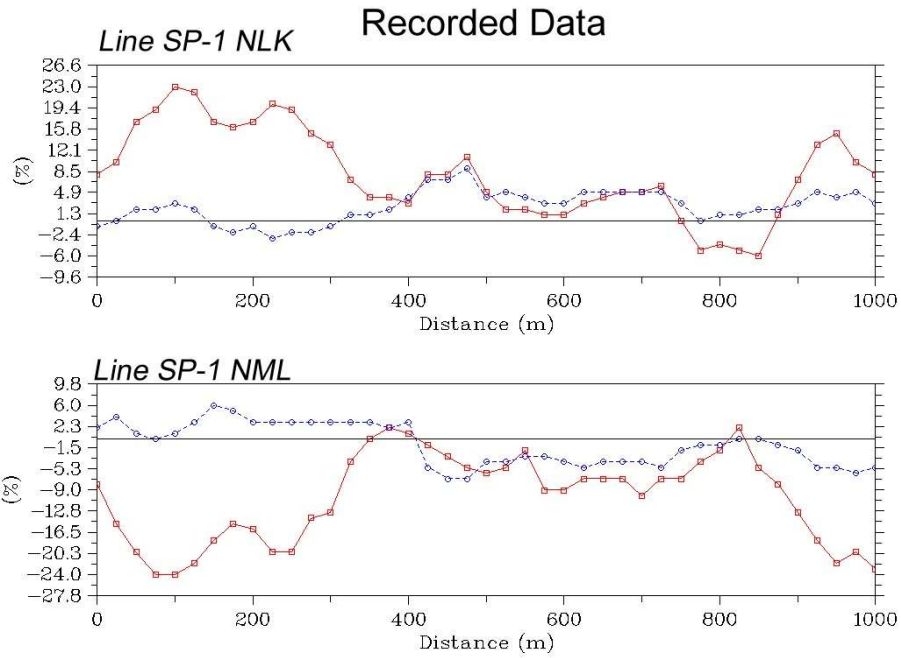
The recorded data are shown in Figures 5a (line SP-1) and 5b (line SP-2) for each of the transmitters that were used for the two lines. The transmitters were: Seattle, Washington station (NLK: 24800 Hz) and La Moure, North Dakota (NML: 25200 Hz). During recording of line SP-2, it was clear that the signal for the La Moure (NML) transmitter was erratic and often difficult to detect; thus, even though the signal from the NML transmitter appears reasonable (Figure 5b) the results for this transmitter along line SP-2 are suspect.

The recorded signals from line SP-1 illustrate a significant consideration in preparing the data for inversions and estimation of conductivity. Specifically, although the frequency content and magnitudes of the signals for each recording (NLK and NML) are similar, the polarities are opposite. In other words, where the NLK signal is positive, the NML signal is negative and vice versa. This is a commonly observed phenomenon (e.g., Bozzo et al. 1994) and is important for the inversion procedure, as the appropriate inversions require knowledge of the signal polarity. As pointed out by Bozzo et al. (1994), the phase (polarity) can be changed to be consistent with the instrument and transmitter orientations.

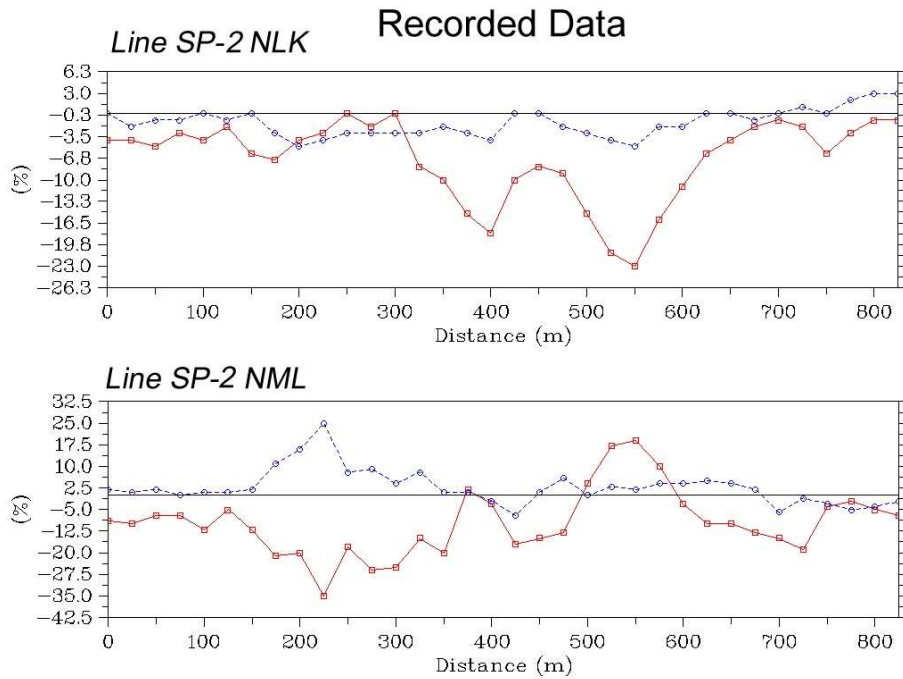
In this case, polarity was determined according to the line direction and the results that were input into the inversion routine after filtering are shown in Figures 6a and 6b as dots. Filtering was based on Empirical Mode Decomposition (EMD; Jeng et al. 2006) and attenuates high frequency station-to-station 'chatter' to produce a smoothed signal.

Also shown in Figures 6a and 6b (solid lines) are responses calculated for the conductivity structures determined from the inversions. For the calculations it is necessary to assume a background resistivity. In this case, the background is assumed to be 1000 Ohm-m (= 1 mS/m conductivity). This value is based on previous studies of magnetotelluric data in this area. All of the calculated rms misfits range between 0.27 and 0.57 and are well below the suggested desired value of rms = 2.0.

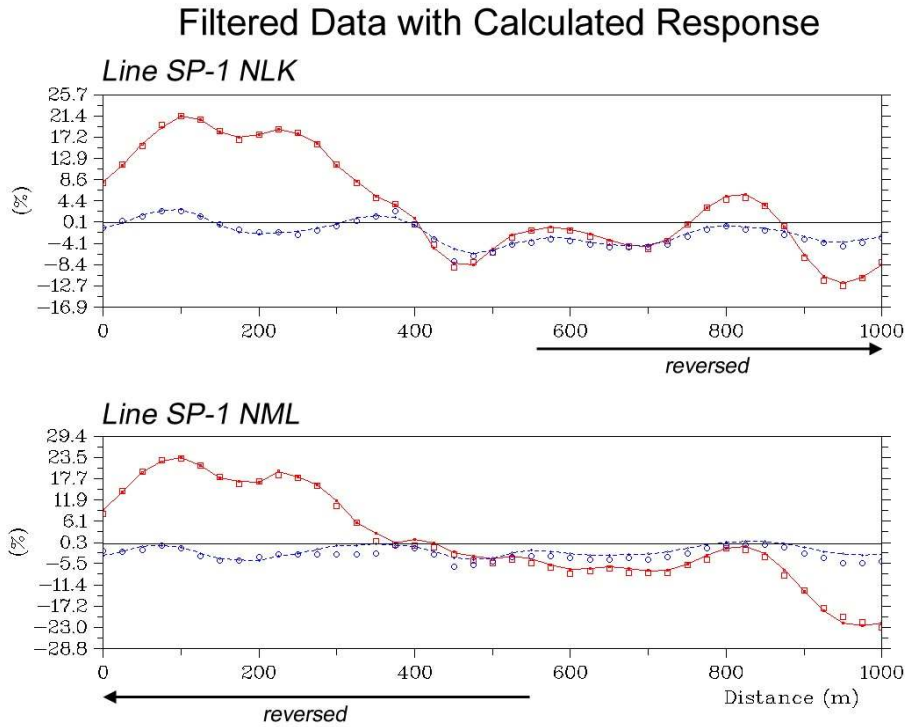
Figure 7 shows the results of the inversions for each of the two profiles and for each of the two transmitters. The results for SP-1 are nearly identical for the two transmitters with a prominent apparent conductor near the eastern end of the profile at ~1300-1400m elevation and possibly being the continuation of an east-dipping zone of slightly elevated conductivity that appears to project to the surface location of a clastic dike. The results for line SP-2 are shown in Figure 7b. The result from the NLK transmitter shows a relatively simple structure with a prominent apparent conductor on the north end of the profile below 1300m elevation. In contrast the result along line SP-2 from the NML transmitter appears to be more erratic. This is consistent with the poor signal that was apparent during the recording in the field.



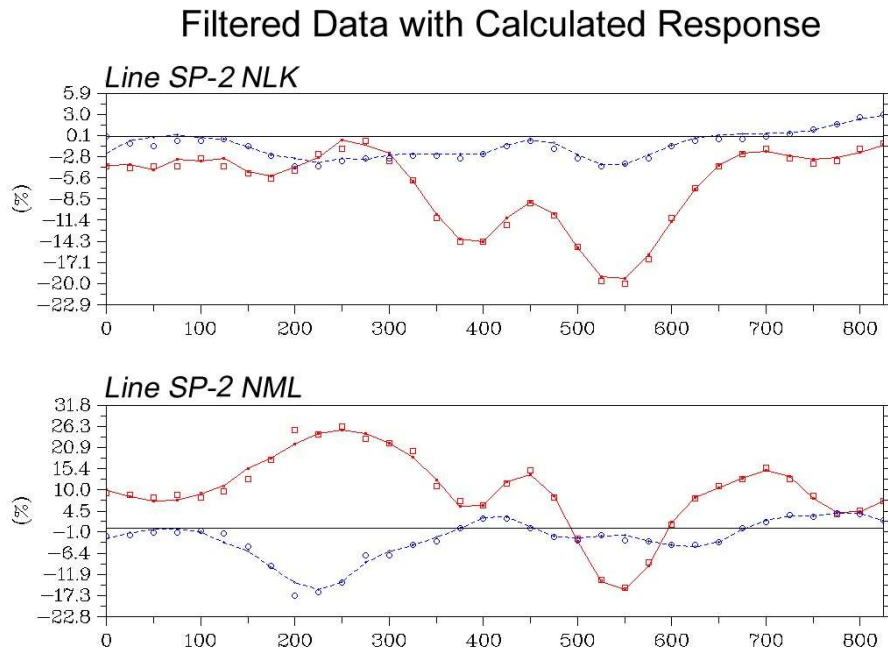
**Figure 5a.** Recorded data along line SP-1. The signal from the NLK (Seattle) transmitter is at the top, and from the LaMoure transmitter is at the bottom in this and subsequent figures. red = in-phase; blue = out-of-phase.



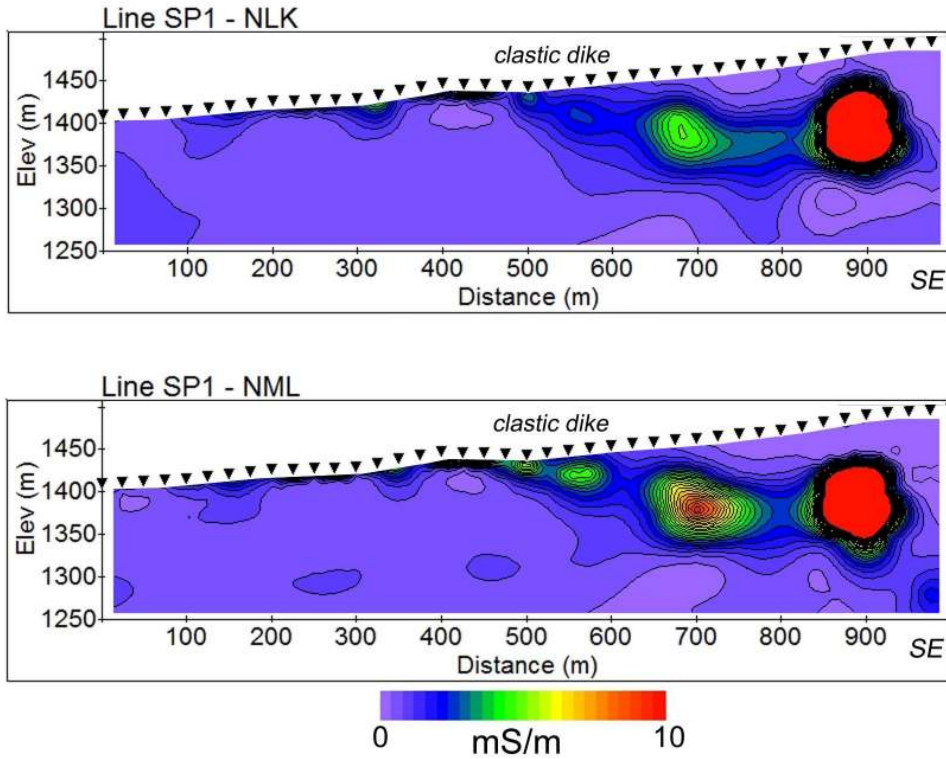
**Figure 5b.** Recorded data along Line SP-2; red = in-phase; blue = out-of-phase.



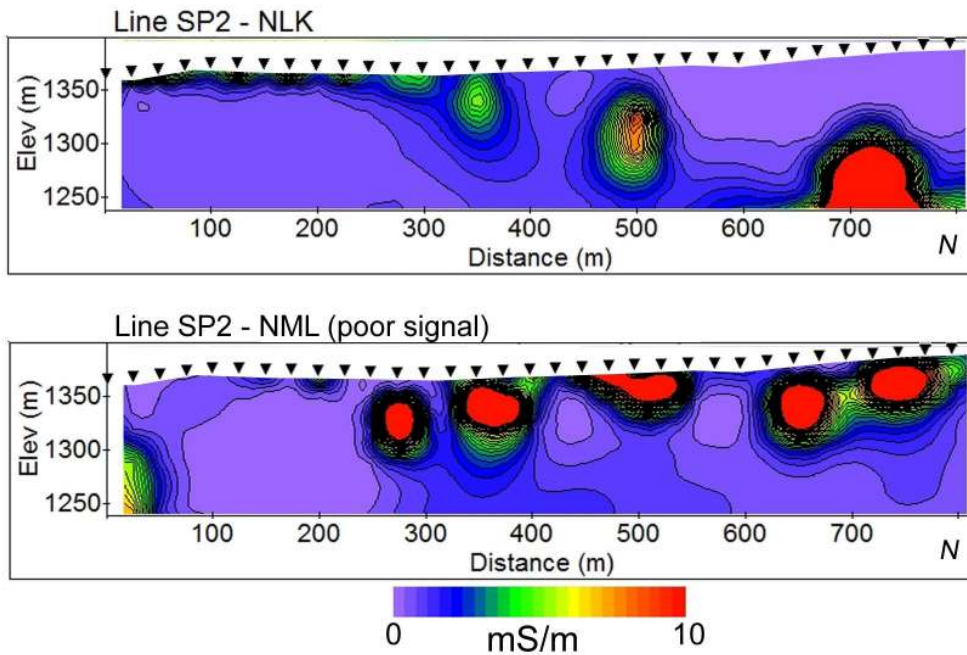
**Figure 6a.** Input (dots) and calculated results (solid lines) for each transmitter along line SP-1. Arrows show where signal polarity was reversed prior to input. The rms misfits were 0.27 for the NLK result and 0.57 for the NML result.



**Figure 6b.** Input (dots) and calculated results (solid lines) for each transmitter along line SP-2. The rms misfits were 0.30 for the NLK result and 0.50 for the NML result.



**Figure 7a.** Inversion result for the two transmitters along line SP-1.



**Figure 7b.** Inversion result for the two transmitters along line SP-12. Note that the NML version had poor signal, such that the inversion is likely to be comparably noisy, and thus unreliable.



### 7.3 Grid Work Accomplished in 2016

Following the reconnaissance work, an extensive survey was undertaken along 24 east-west lines and one north-south line (Figure 4) that included acquisition of both magnetic and VLF-EM data. Station spacing was 12.5m for each of the grid lines and the line spacing for the east-west lines was 100m. There were 23.90 km recorded in the grid.

#### *7.31 Magnetic Data*

The standard reductions for the magnetic data include diurnal (daily) variations, removal of the Earth's regional field and reduction to the pole. Diurnal variations are accounted for with a stationary base station near the survey area that records magnetic variations as a function of time. Hence, once the GPS latitude and longitude information was converted to UTM coordinates (WGS84), the diurnal variations were removed for each day. Typically, these are a few nT per day, but they can be as much as several 10's of nT in a day. After correcting for diurnal variations, data were gridded with a 25m spacing. All subsequent processing and analyses were applied to the gridded values.

Regional variations in the Earth's field vary with time and should therefore be calculated for the location and days during which the survey was completed. However, rather than calculating the IGRF for each station, the field was calculated for a time near the middle of the survey so that an approximate curve could be applied to the data. For this study, the Earth's reference field (IGRF, or International Geomagnetic Reference Field) was projected to the same grid as that used for the data. The IGRF can vary by as much as 10 nT/month, but the data were recorded over a 13 day period, so variations in the IGRF should be less than 3 nT due to temporal variations of the IGRF for the time of the survey. The data were then reduced to the North Pole. The result is a map of the ground magnetic anomalies in the area of this survey (Figure 8a).

The magnetic anomalies show strong station to station variations that produce point-like anomalies. There are a number of possibilities for what these might be, including variations in the instrument readings or local variations in magnetic characteristics (e.g., local topography, rocks, iron objects, etc.). Because we are interested in trends not related to the station-to-station variations, this effect can be minimized by applying a smoothing filter, such as an upward continuation. For these data, an upward continuation of 100m was applied (Figure 8b) prior to the application of the tilt angle.

In order to estimate the locations of magnetic sources (in a map sense), the tilt angle (Figures 8c and 8d) effectively equalizes amplitudes and allows additional methods to be used for calculating depths to sources and, in some cases, geometry. Two images of the tilt angle map are shown: Figure 8c is the tilt angle map with contours shown, and Figure 8d has the contour lines removed. The contour lines accentuate much of the linear noise because the tilt angle equalizes amplitudes; hence the map is more readily interpreted without the contour lines. The tilt angle enhances a NW-SE trend ('A' on Figure 8d) in the northern part of the map.

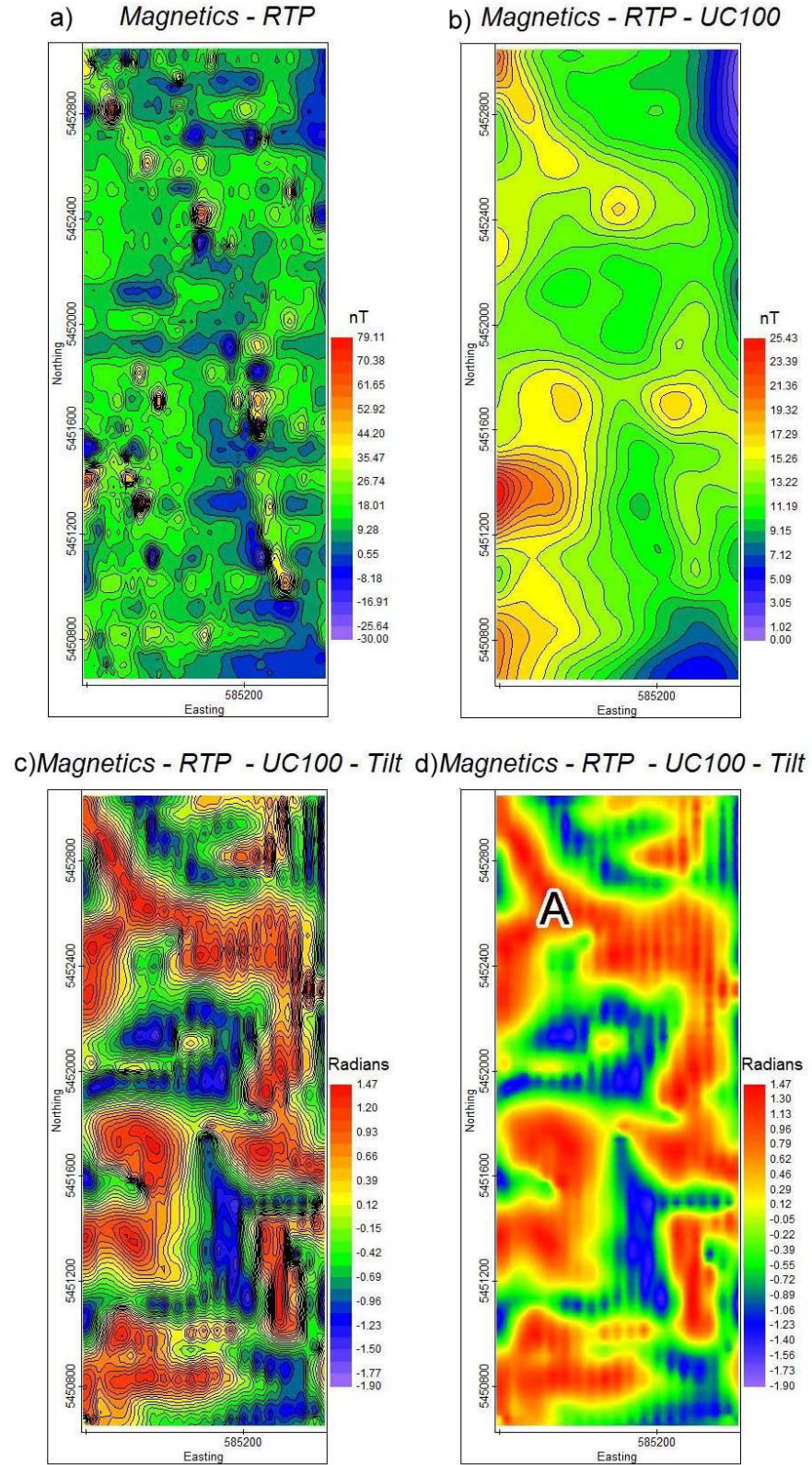


Figure 8.

### 7.32 VLF-EM Data and Processing

VLF recordings were made along 24 east-west lines and one north-south line. The east-west lines are spaced 100m apart and recordings were made at 12.5m stations intervals. GPS readings were made at 100m intervals and the 12.5 m station locations and elevations were interpolated from the 100m points. Readings were taken for three distant transmitters at each station: Cutler, Maine (NAA, 24000 Hz), Seattle, Washington (NLK, 24800 Hz), and LaMoure, North Dakota (NML, 25200 Hz). The signal from the NML transmitter was erratic and noisy, with occasional large swings (>200% in some cases) from one station to the next. For this reason, the data from the NML transmitter were not used.

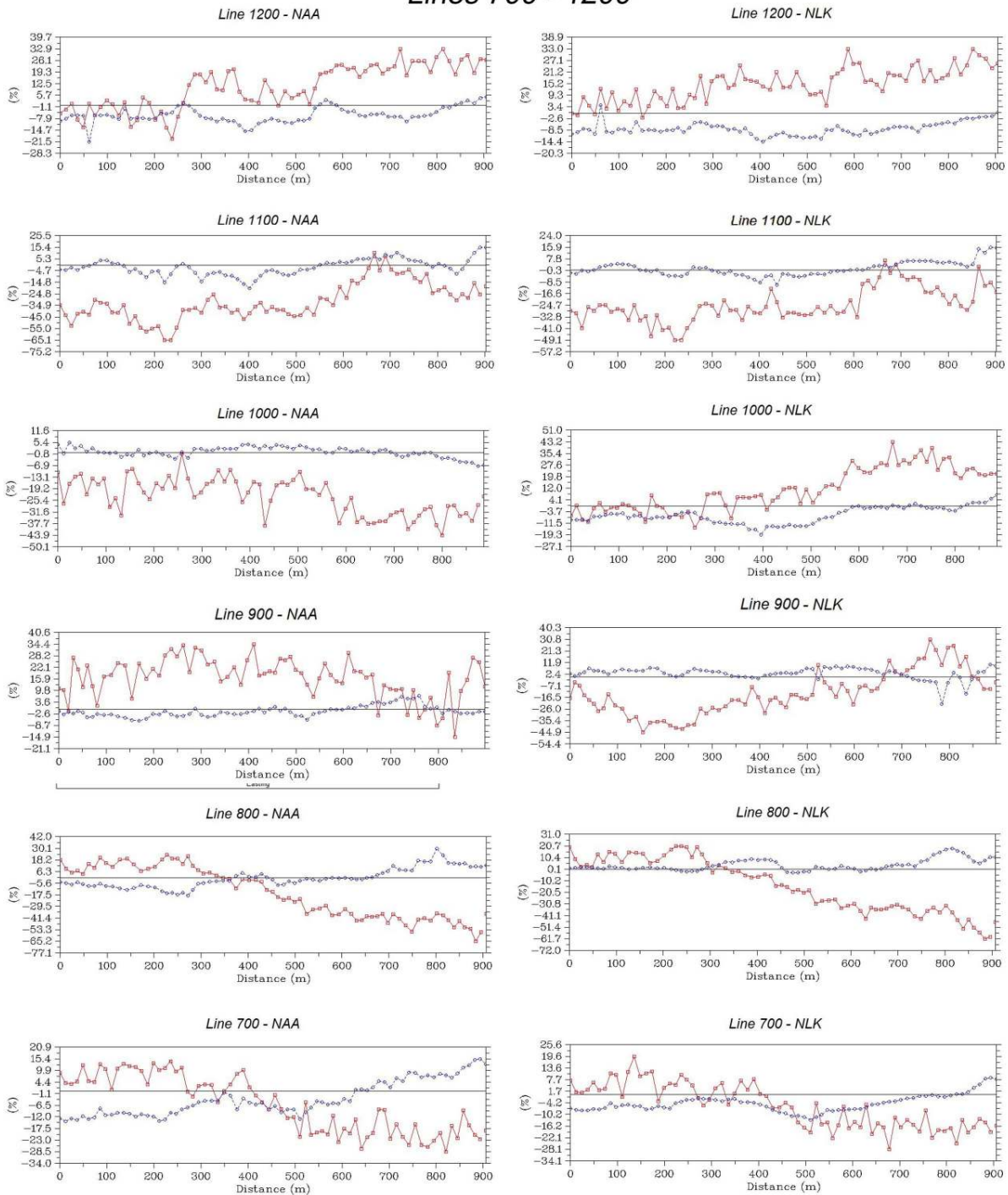
Three of the noise/signal problems that require either adjustment or filtering are: 1) polarity shifts, 2) large and frequent short-wavelength (i.e., station to station) variations, and 3) long wavelength signals that are difficult to invert. Each of these is addressed here.

Some lines appear to display a polarity shift; consider Figure 9a, lines 700-900. In these lines, data for both the NLK and NAA transmitters for Lines 700-800 and the NAA transmitter for line 900 show the in-phase (IP) component decreasing from west to east. However, the NAA data for line 900 show the IP component increasing from west to east (i.e., reversed in polarity). The problem to be addressed prior to further processing and inversion is to determine which polarity to use, as the signal polarity has a significant effect on the later results.

To illustrate this, data from line 700 (Figure 10a) are modeled with the recorded polarity (left column) and with the polarity reversed (right column). Filtered and modeled results are shown in Figure 10b; Figure 10c shows the Fraser filtered version of each and Figure 10d shows the inversion result for each. The inversion for the recorded polarity (left column) suggests a shallow, arcuate conductive zone that is subparallel to the topography, whereas the inversion for the reversed polarity suggests an east-dipping zone of elevated conductivity (Figure 10d). Clearly, an important consideration is to determine which polarity is appropriate to use for the inversions, but it is not always clear how to do this.

Normally, the sign convention (polarity) for the GEM System instrument is such that lines recorded west to east will not require altering the sign (GEM Systems Inc, 2007); however, the data shown here for lines 700, 800 and 900 show that polarity reversals do indeed occur. One possible reason for polarity shifts is that the recording direction took place near the azimuth where polarity of the field changes. This effect was described by Bozzo et al. (1994). However, it is not always clear which curves to adjust. For example, in Figure 10, should the line 900 NLK curves be inverted, or should the NAA curves be inverted? The approach taken here is, a) to maintain internal consistency as much as possible, and b) to produce results that are as consistent with the known geology as possible. This point will be addressed further in the discussion of the inversions.

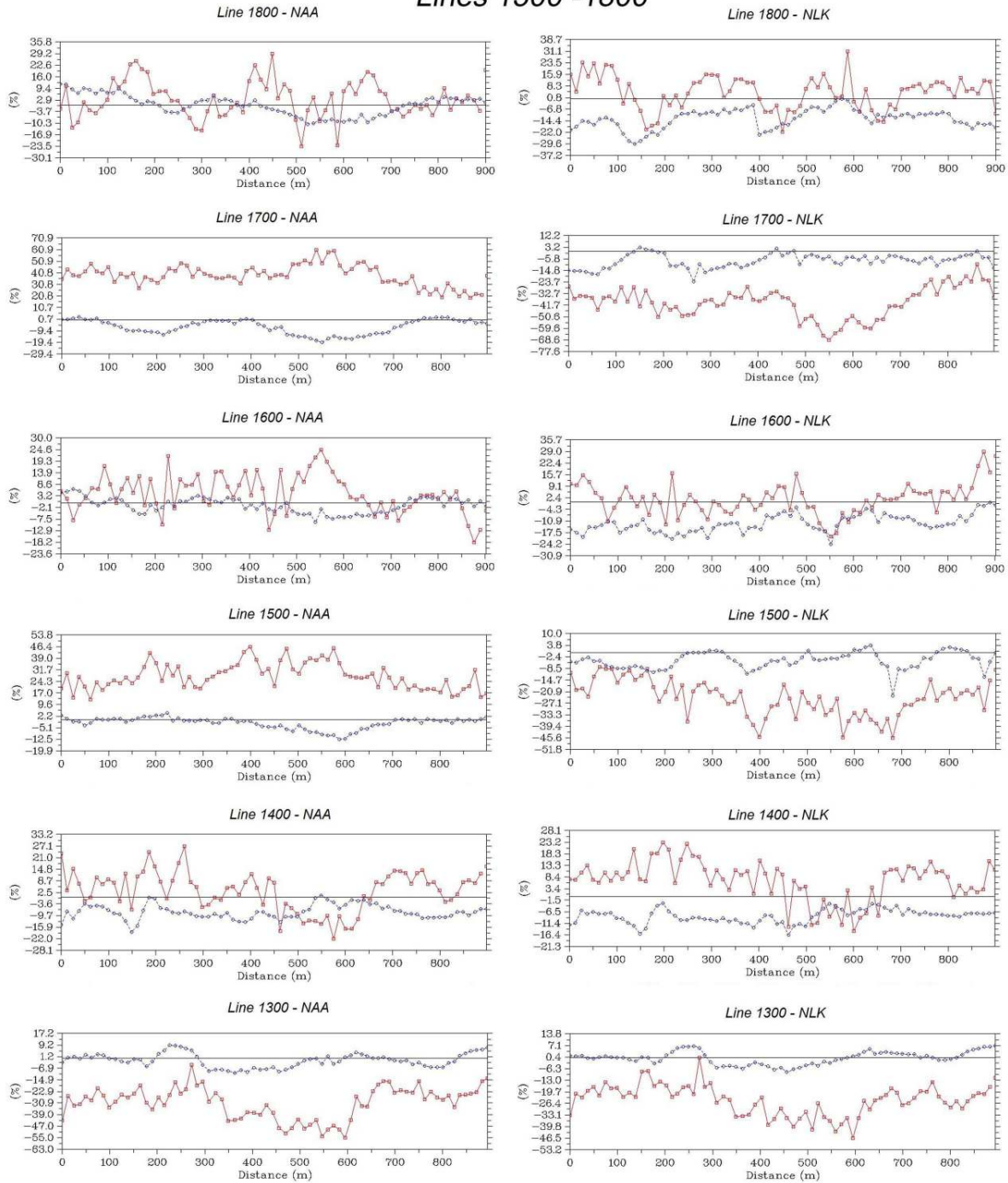
### Lines 700 - 1200



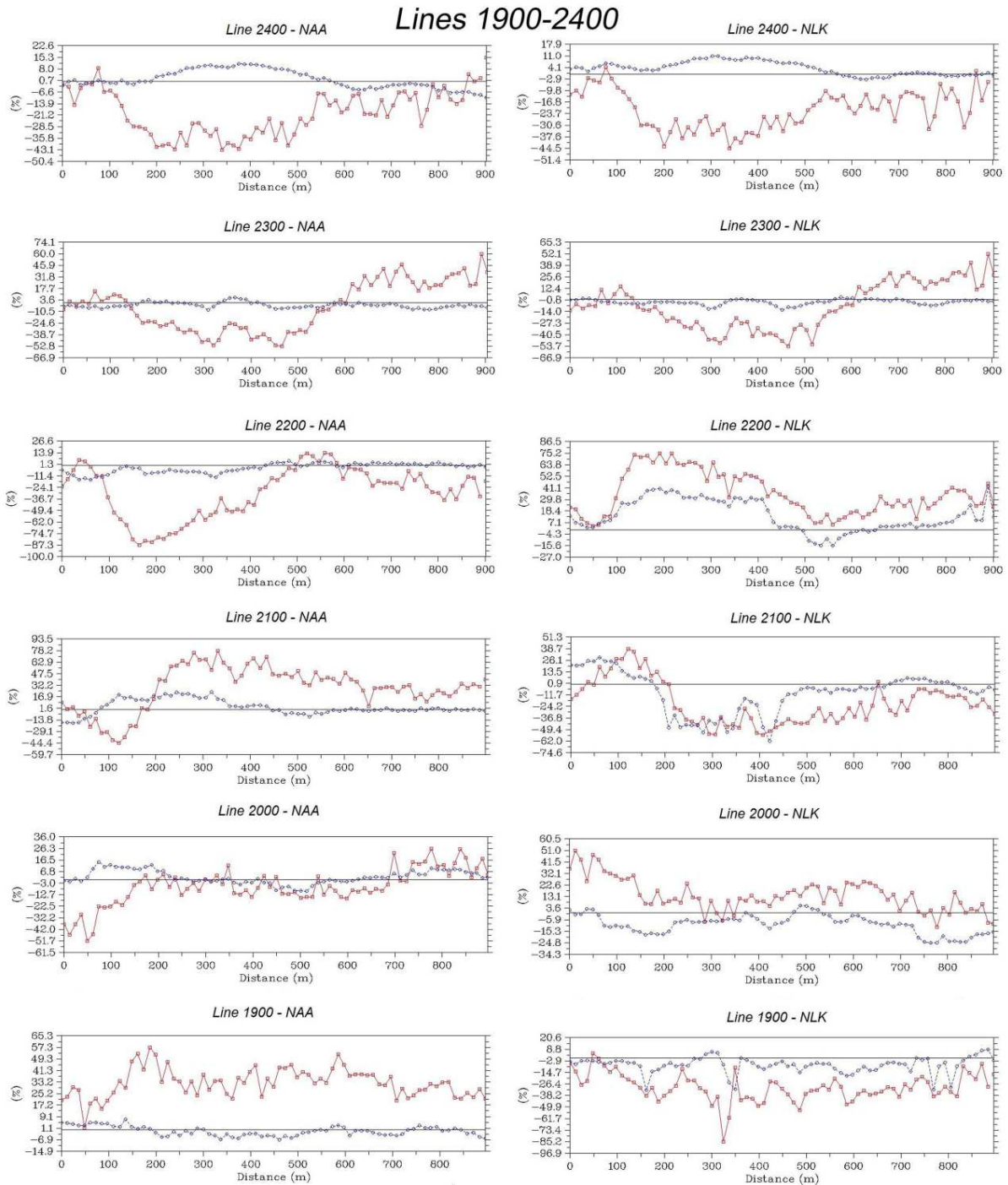
**Figure 9a.** Recorded data for lines 700-1200 with the data for the Cutler, Maine (NAA, 24000 Hz) on the left and the data from the Seattle, WA (NLK, 24800 Hz) on the right.



### Lines 1300 -1800



**Figure 9b.** Recorded data for lines 1300-1800 with the data for the Cutler, Maine (NAA, 24000 Hz) on the left and the data from the Seattle, WA (NLK, 24800 Hz) on the right



**Figure 9c.** Recorded data for lines 1900-2400 with the data for the Cutler, Maine (NAA, 24000 Hz) on the left and the data from the Seattle, WA (NLK, 24800 Hz) on the right



Lines 2500-3000

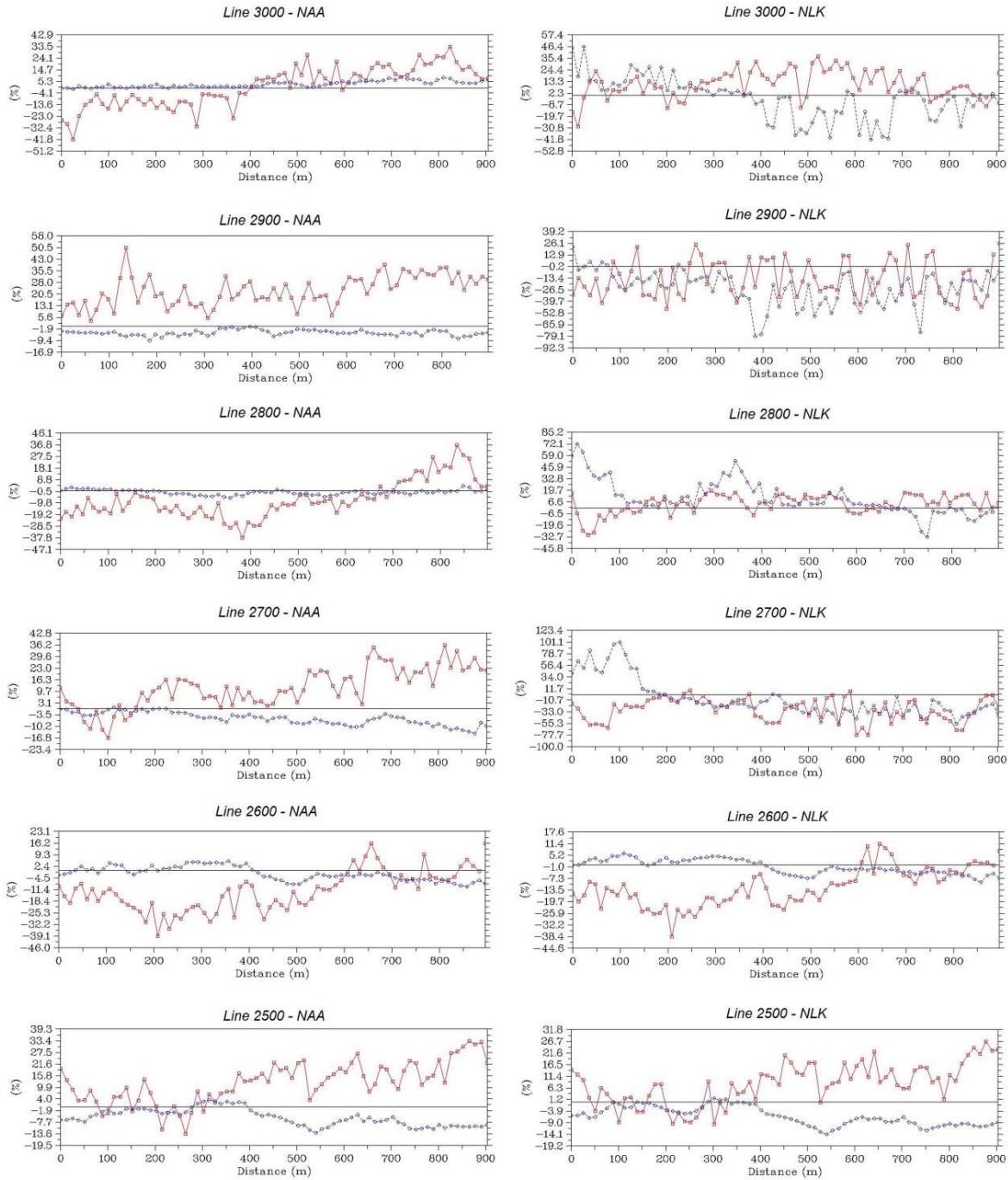
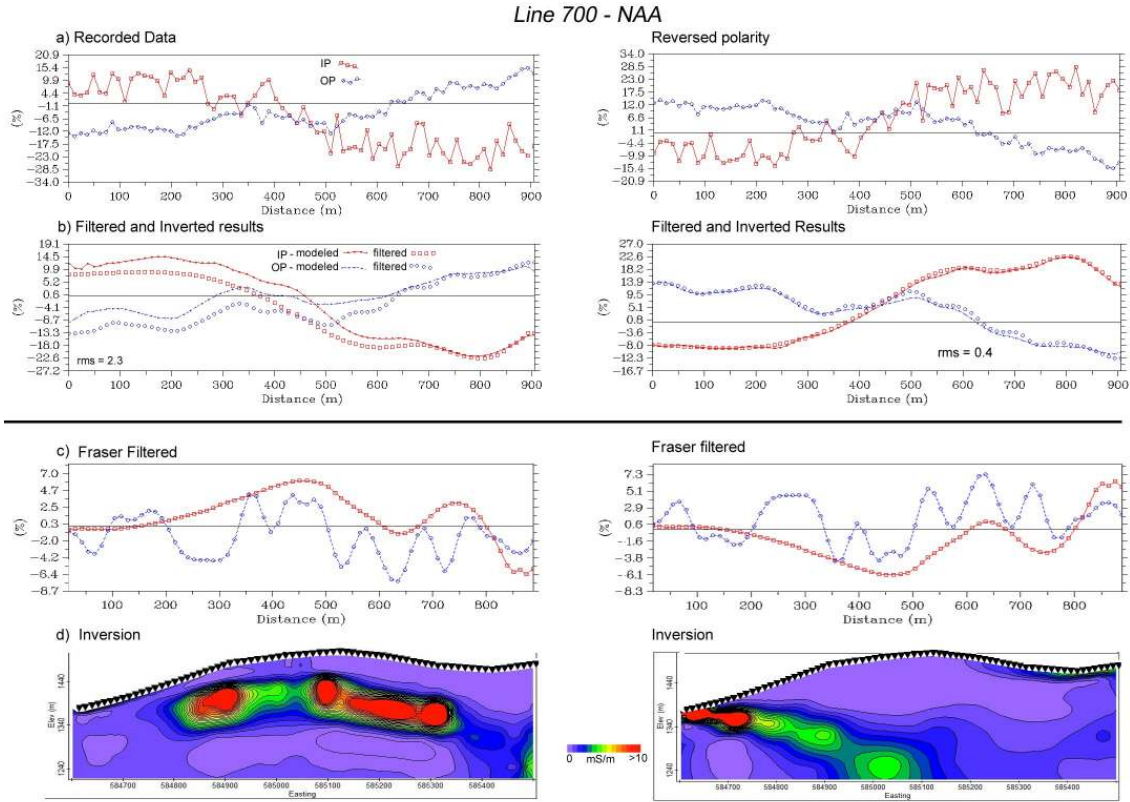


Figure 9d. Recorded data for lines 2500-3000 with the data for the Cutler, Maine (NAA, 24000 Hz) on the left and the data from the Seattle, WA (NLK, 24800 Hz) on the right



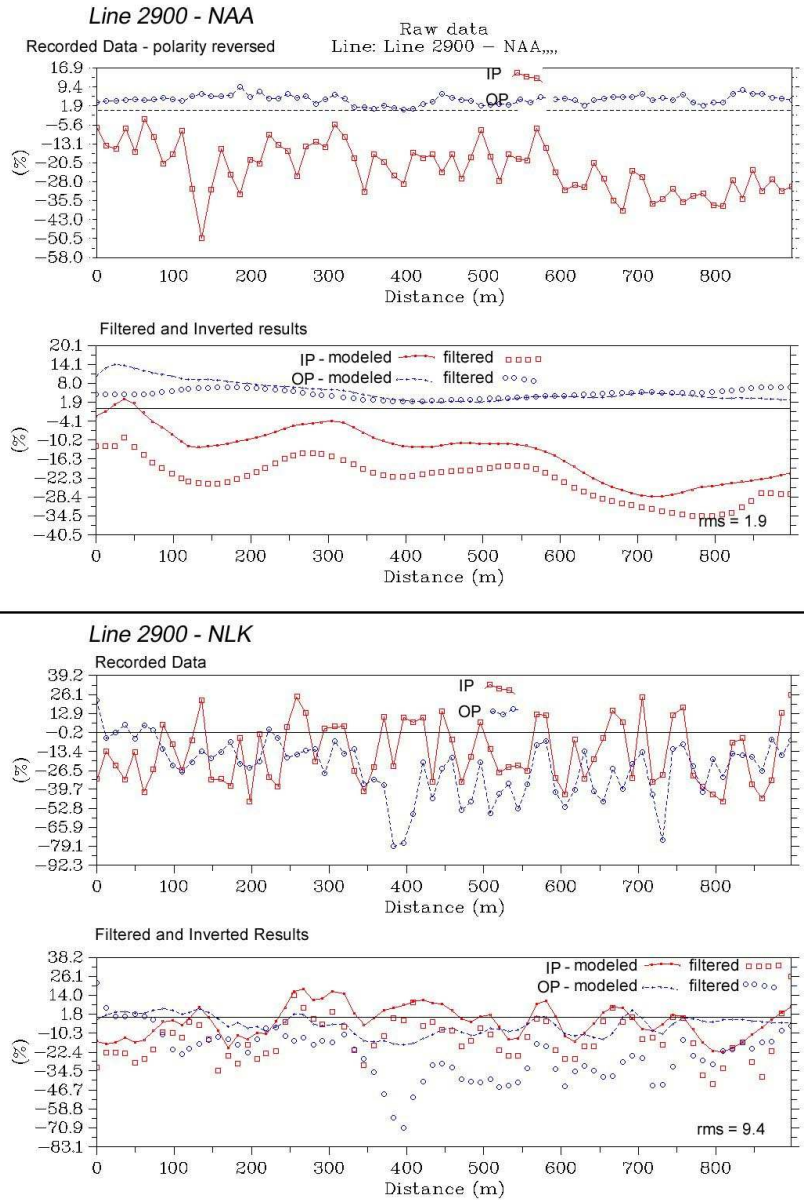
**Figure 10.** Examples of typical data for the survey with test of polarity. a) Data from VLF Line 700 for the Cutler, Maine (NAA, 24000 Hz) transmitter. Data in the right column have had the polarity reversed; b) Filtered data from line 700 NAA using an EMD filter to attenuate short wavelength noise. Red dots are the filtered in-phase points and the blue dots are the filtered out-of-phase points. Dashed lines are the calculated responses of the inversion result. C) Fraser filtered version of the EMD smoothed data in (b), and d) Inversion of the EMD filtered signal for the unreversed (left) and reversed polarity.

Another type of noise is that large station to station swings are visible on a few lines. In most cases these are sparse and can be attenuated by filtering. However, Figure 11 shows a particularly difficult example along line 2900. Here, both transmitters show some short-period noise, but the noise on the NAA transmitter data (Figure 11a) is not sufficiently dominant as to mask the longer wavelength signal. Figure 11b shows the filtered data (dots) and the calculated curve for the inversion (rms=1.9%).

On the other hand, the data from the NLK (Seattle) transmitter (Figure 11c) show swings of 30% or more (in-phase) from station to station that are geologically unrealistic. Unfortunately, the profile is dominated by this short-period to such an extent that it is not possible to delineate a clear lower frequency trend curve. The results from this profile (Figure 11d) are suspect at best and should not be trusted.

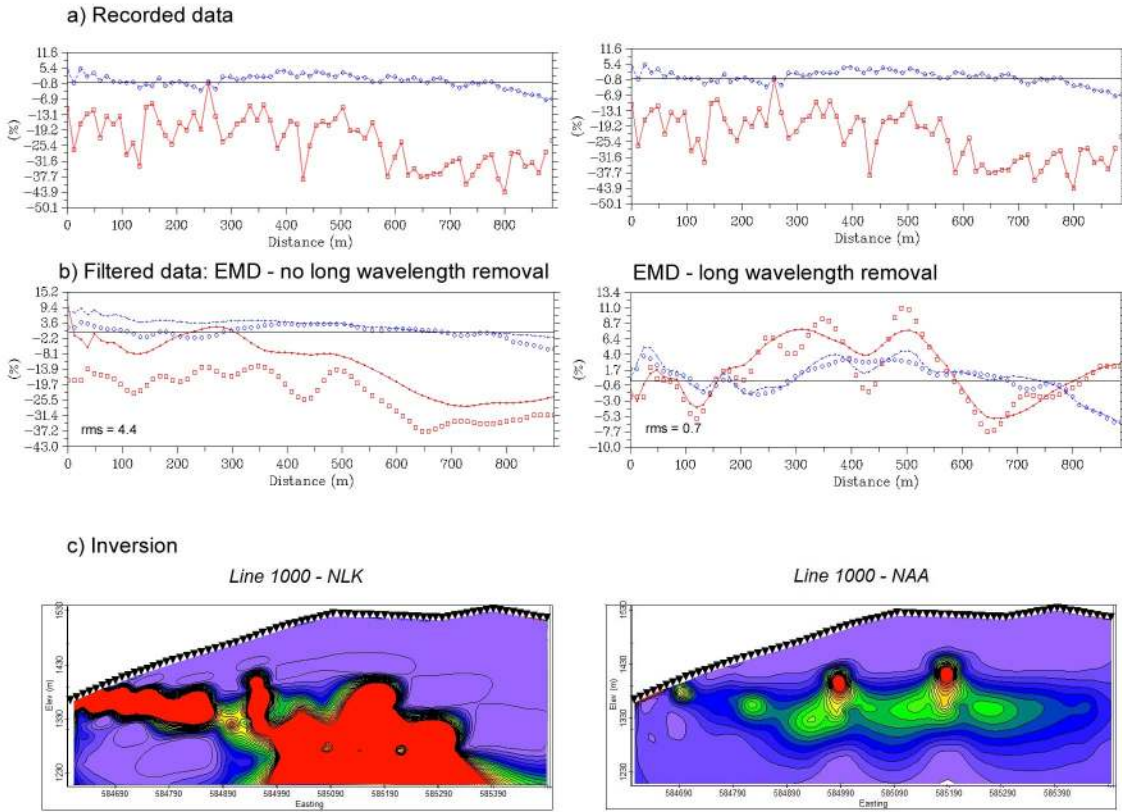
A third issue in the data is that many of the profiles display the curves (usually the in-phase) displaced from the horizontal axis. Figure 12a shows the recorded data for the NAA (Maine) transmitter along line 900. The data have some short-period noise that can be easily filtered (Figure 12b), but an important issue is whether to filter the long wavelength component. Two possibilities are shown in Figure 12b and the effects on the inversions are shown in Figure 12c. If the long wavelength component is not removed (Figure 12b, left), the inversion procedure produces a result with significant deep conductivity.

Alternatively, the long wavelength component may be a noise problem (i.e., DC shift) that should be attenuated (Figure 12c, right). The resulting inversion has some similarities to the inversion that includes the long wavelength component, but the magnitudes of the conductive zones are significantly diminished and the deep conductors are no longer included. Which of the results is correct, or at least closer to the real situation, is not clear without additional information. For example, longer lines might define long wavelength curves better so that crossovers could be observed. Without them, the inversion does not converge well (rms = 4.4%) and the deep contours appear problematic. Nevertheless, for the inversion cross sections (Figure 13), the long wavelength components are generally kept for comparisons.



**Figure 11.** Illustrations of noisy data. Data in this figure are from line 2900 in the north end. Graphs a) and b) are from the Cutler, Maine (NAA, 2400 Hz) transmitter, and the graphs in c) and d) are from the Seattle, Washington (NLK, 24800 Hz) transmitter. The in-phase from NAA (a) have had their polarity reversed prior to calculations. They are somewhat noisy and an inversion can produce a good result (rms misfit = 1.9%) as shown in (b). Data from the NLK transmitter are extremely noisy with station to station deviations of 30-50% on both in-phase and out of phase curves (c). This makes estimating a filtered curve difficult, with the result that the inversion does not converge well (rms = 9.4%).

### Line 1000 - NAA



**Figure 12.** Data from line 1000 that are moderately noisy, but usable with appropriate filtering (a and b). In the left column, the long wavelength component has been retained, whereas in the right column the long wavelength component has been attenuated. Note that when the long wavelengths are inverted (c, left) the procedure tries to include deep and high amplitude conductors.

### 7.33 VLF Inversions

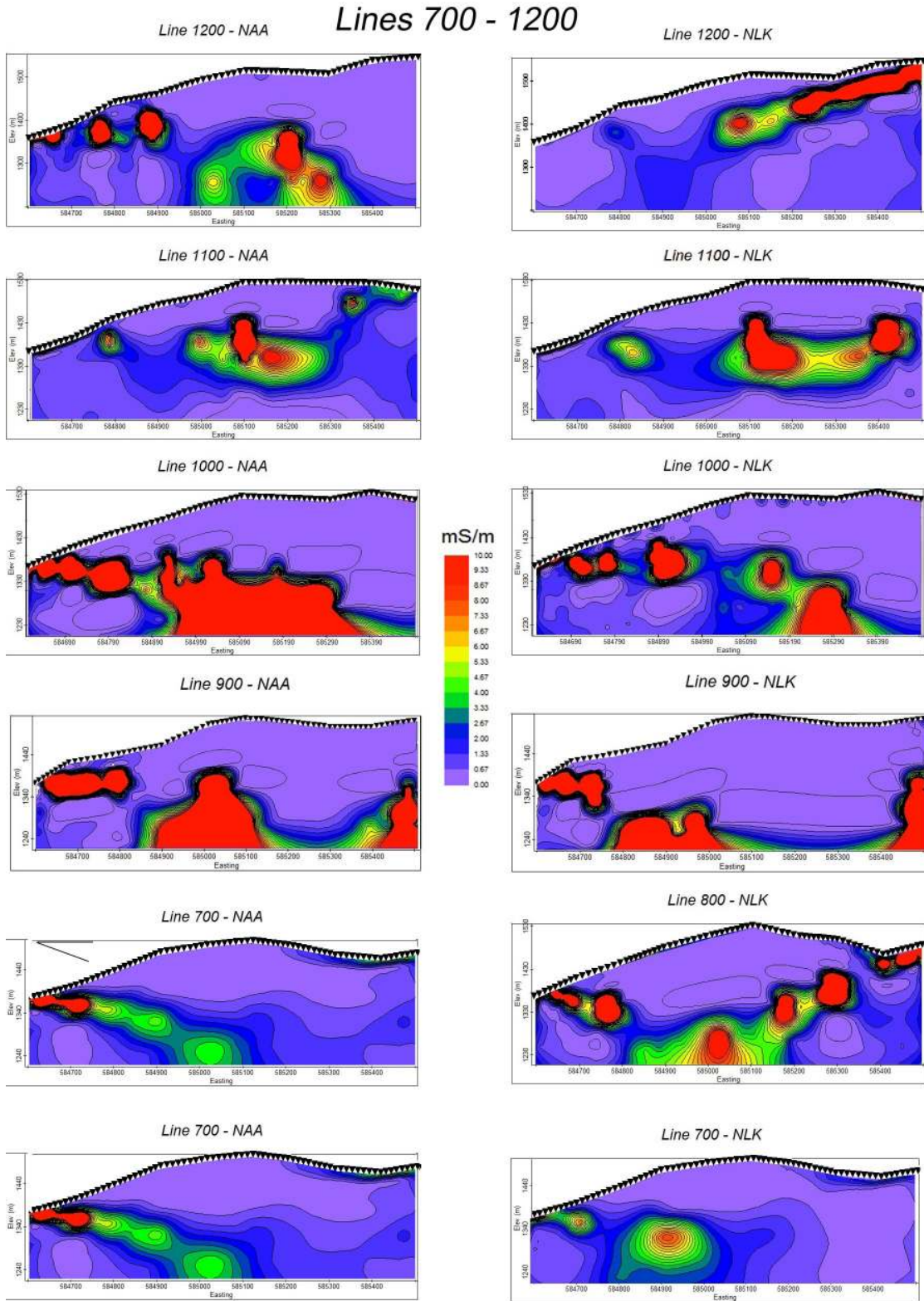
Inversion results are presented in Figures 13a-13d for each of the lines and for both transmitters. The inversions were accomplished with the EMTOMO software, the principles of which are described in Monteiro-Santos et al. (2006). Each inversion was carried out on the filtered data and each assumes a background resistivity of 1000 Ohm-m (conductivity = 1 mS/m). They are presented as cross sections of electrical conductivity with the red contours representing values greater than 10 mS/m.

There is some consistency from line to line in that conductive zones are visible on virtually all of the inversions. In the south (lines 700-1800, Figures 13a and 13b), conductors are visible in an east-dipping zone near the west end of the lines. As noted previously, this geometry is one of the two possibilities for each profile due to the polarity considerations. However, virtually all of the attitudes measured on the exposed strata are consistent with east dipping (typically ~20 degrees) strata (S. Kennedy, 2013; Figure 1). Hence the geologic data provide a key constraint for interpreting the polarity of the data for inversions.

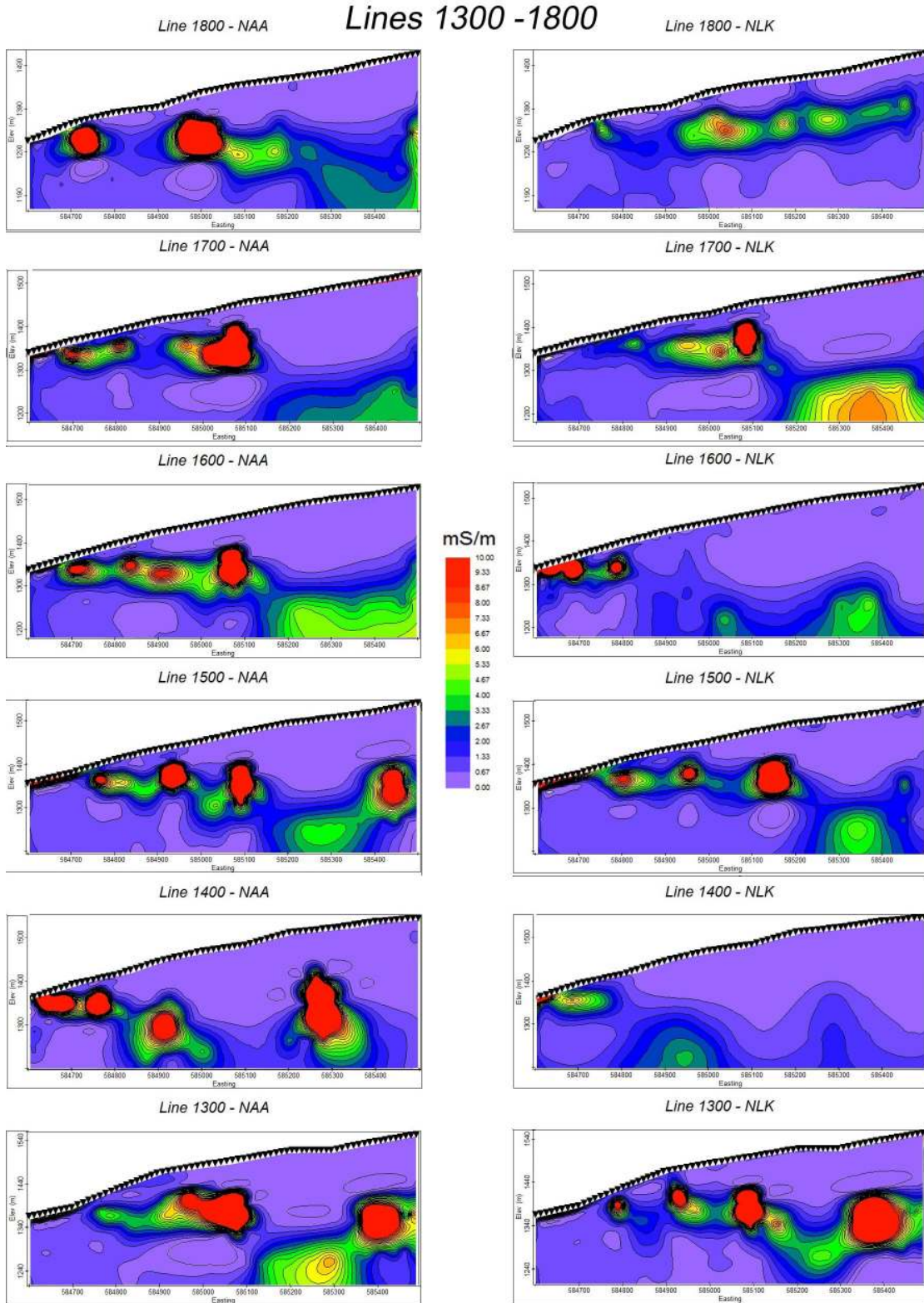
Interpreted conductors on inversions of lines 1800-2400 are somewhat more erratic (geometrically) on the NAA transmitter inversions (Figure 13c). However, the NLK inversions continue to show a clear east-dipping zone through line 2400, and sporadically north of there.

In the north (lines 2500-3000, Figure 13d), the inversions appear more sporadic and generally weaker than they do to the south, especially on the NAA transmitter results. This may be, in part, because the data in the north have a greater amount of noise (e.g., line 2900) when compared to the southern lines. It is also likely, however, that there are fewer, and/or deeper (i.e., beyond the depth limit of the technique), conductive zones in the north.



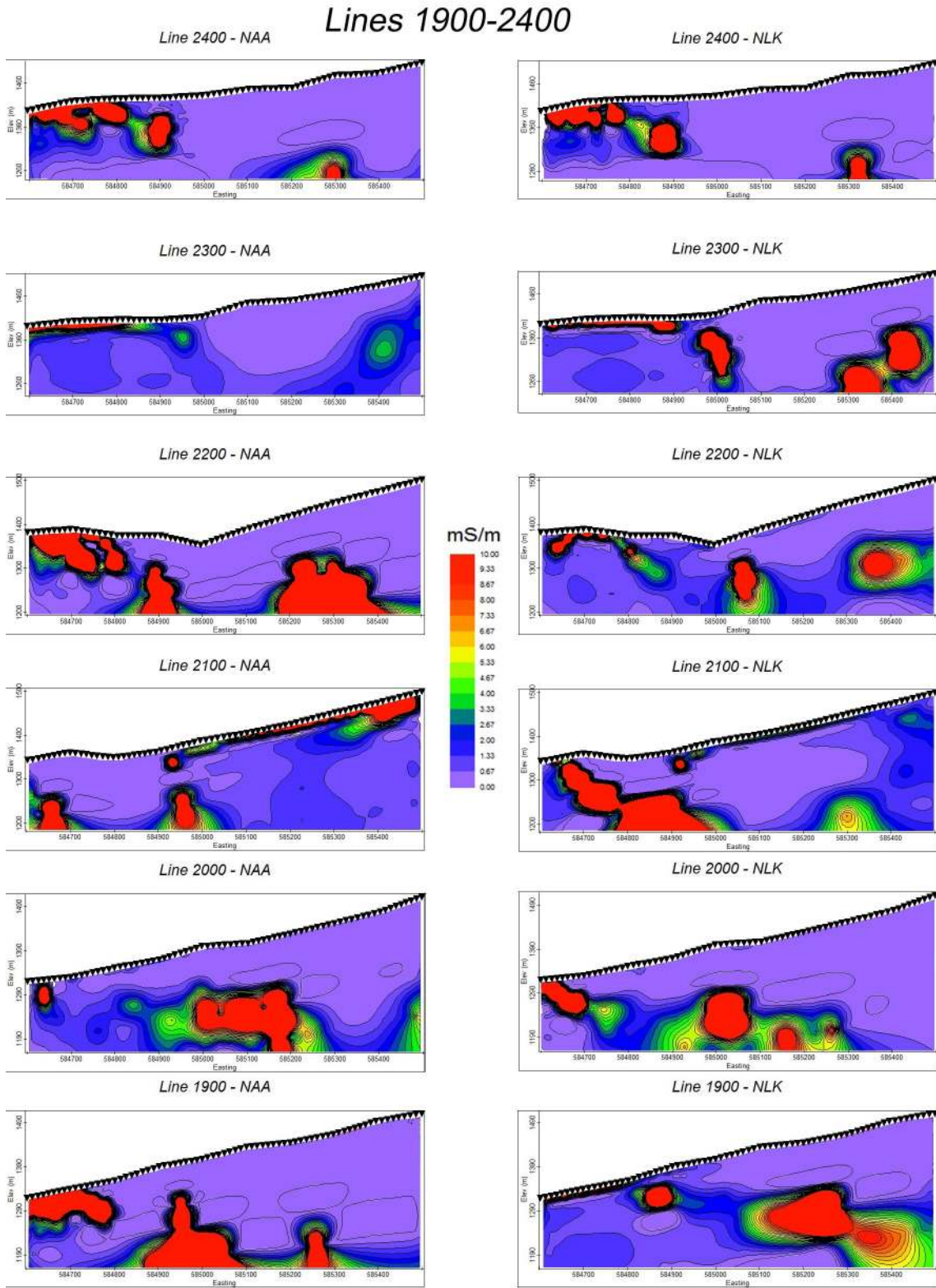


**Figure 13a.** Inversions for lines 700-1300 with results for Cutler, Maine (NAA, 24000 Hz) on the left and the results for Seattle, WA (NLK, 24800 Hz) on the right.



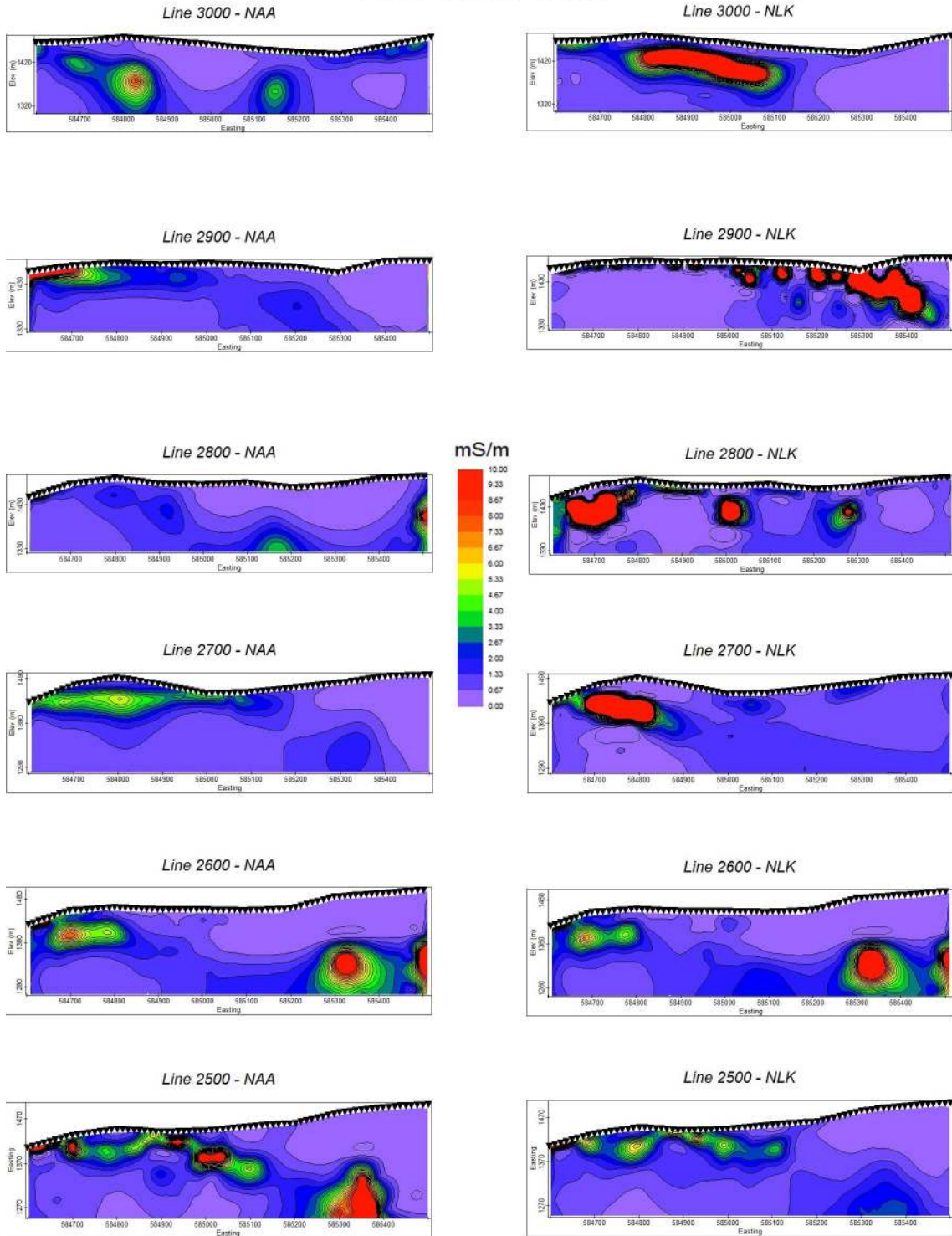
**Figure 13b.** Inversions for lines 1200-1800 with results for Cutler, Maine (NAA, 24000 Hz) on the left and the results for Seattle, WA (NLK, 24800 Hz) on the right.





**Figure 13c.** Inversions for lines 1900-2400 with results for Cutler, Maine (NAA, 24000 Hz) on the left and the results for Seattle, WA (NLK, 24800 Hz) on the right.

### Lines 2500-3000



**Figure 13d.** Inversions for lines 2500-3000 with results for Cutler, Maine (NAA, 24000 Hz) on the left and the results for Seattle, WA (NLK, 24800 Hz) on the right.

In an effort to tie the data together, a south-to-north line that crosses each of the west-east lines was recorded with the same parameters (12.5m station spacing, 100m GPS readings). When attempting to link the results from this line to the others, however, it is important to remember that the orientation of the line is different than that of west-east lines 700-3000. This, in turn, means that the signals from each of the transmitters will have a different orientation relative to the line, and can therefore produce somewhat different looking results. In other words, there is a directional dependence that is inherent in the signal such that different orientations of receivers relative to the line can produce somewhat different images.

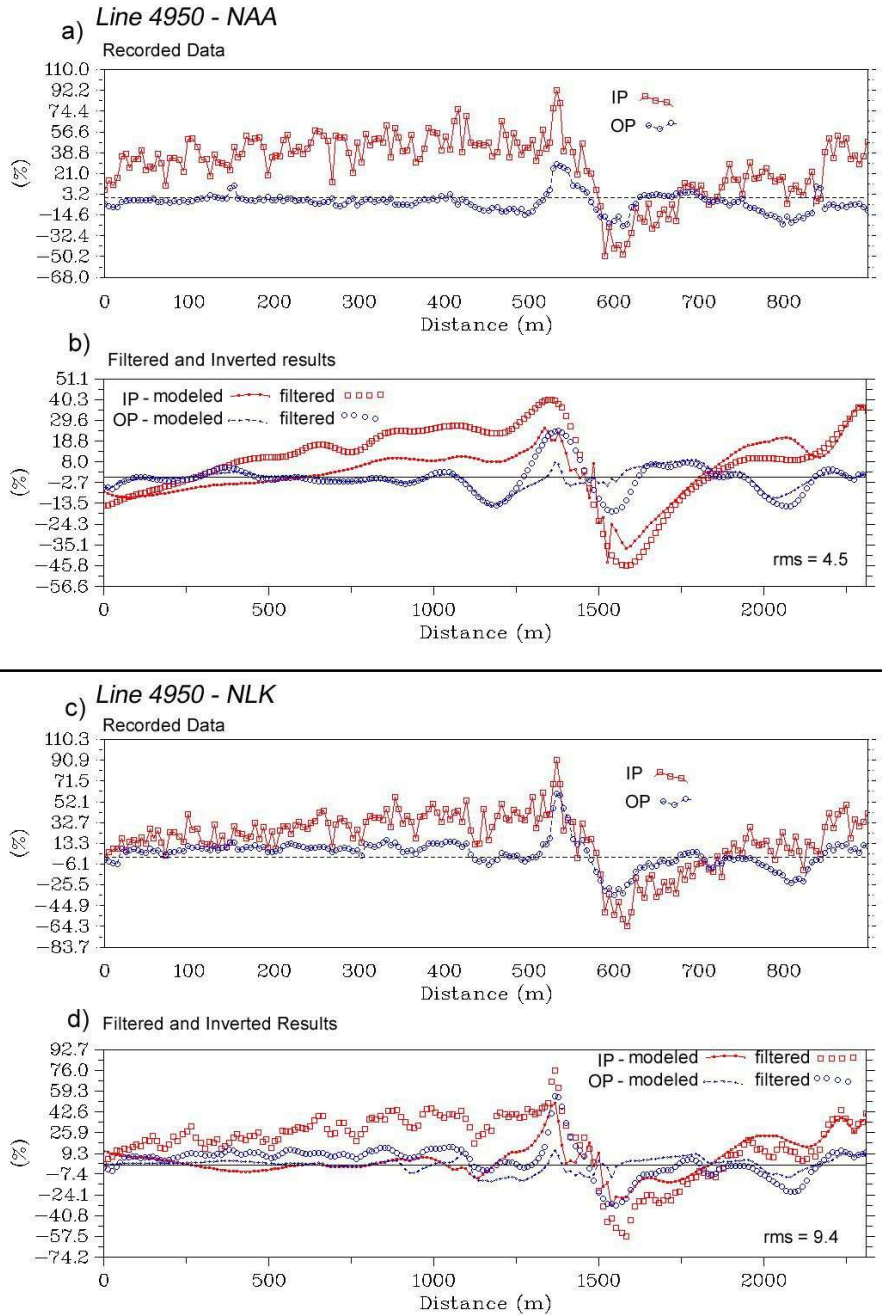
The data from line 4950 are shown in Figure 14 and the inversions are shown in Figure 15. As with a number of the west-east lines, the data from line 4950 display a long wavelength component that is manifested as a gradual rise in the in-phase values from south to north. The inversion procedure has difficulty with this geometry, so some filtering of it was undertaken. The data were recorded from south to north and are nearly perpendicular to the azimuths to each of the transmitters (NAA and NLK); hence the signal polarity should not need to be inverted. Finally, there is a prominent crossover between the in-phase and out-of-phase components near station 5452200 (distance = 1500m from the south end).

Inversion results indicate a long, more-or-less continuous zone of elevated conductivity that is relatively deep (<1300m elevation) near the south end and approaches the surface near 5452200 where a topographic valley may have cut down towards it. North of there, the conductors appear more sporadic, as observed on the west-east lines.

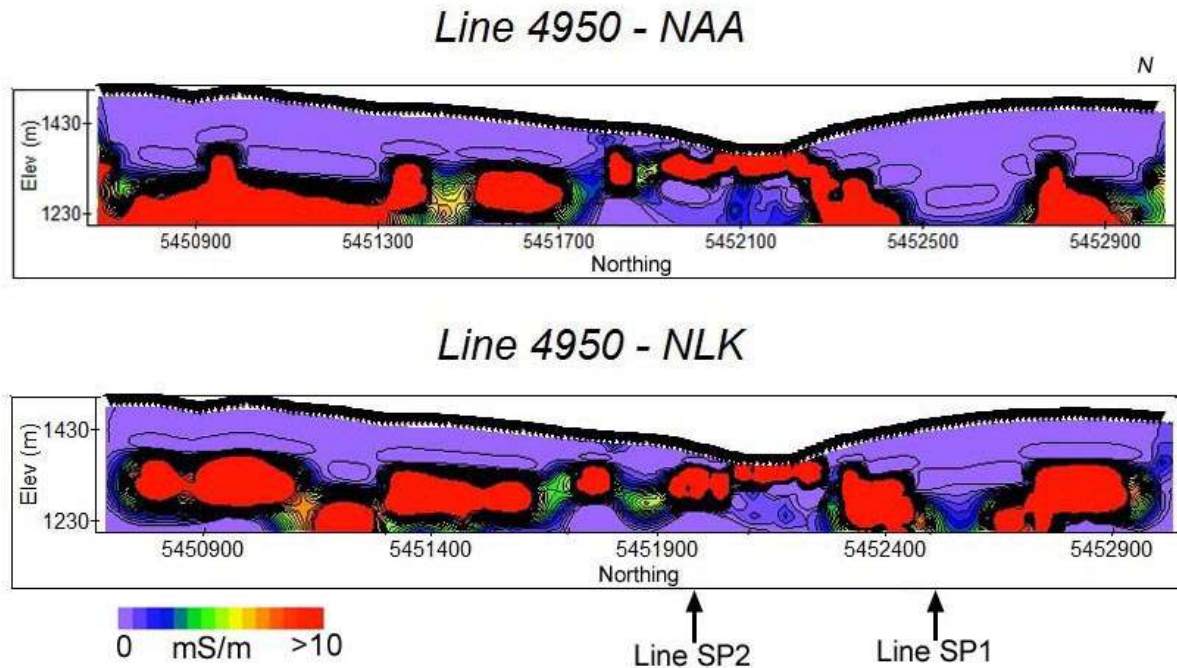
Although the apparent rise of the conductive zone to near the surface at 5452200 may suggest that the topographic valley at that location would be a good place to prospect for the source of the conductor.

In most instances where line 4950 crosses the west-east lines, conductive zones and non conductive zones match reasonably well on each. For example, lines 700 and 800 show east-dipping conductors at about 1300m elevation where line 4950 crosses them. They appear weaker on lines 700 and 800, but that could easily be a function of line (sensor) orientation. North of line 2500 the grid lines show few conductors, especially for the NAA transmitter. Line 4950 also shows few conductors north of 5452500 until about 5452800 or so, but the conductors interpreted there are relatively deep (<1300m elevation) while the east-west inversions are only calculated to about 1300m due to the lack of topography.





**Figure 14.** Data from south - north line 4950. a) NAA transmitter data; b) Filtered (dots) and modeled profiles (dashed lines) from the inversion result. c) NLK transmitter data; d) Filtered (dots) and modeled profiles (dashed lines) from the inversion results. The rms percentages for these (particularly in d) are high. This is apparently because the inversion has difficulty modeling the long wavelength (i.e. the gradual increase) in the in-phase component from the south end of the line to about 1500m distance as well as the strong peak (approximately 50%) in the out-of-phase (quadrature) component near the crossover.



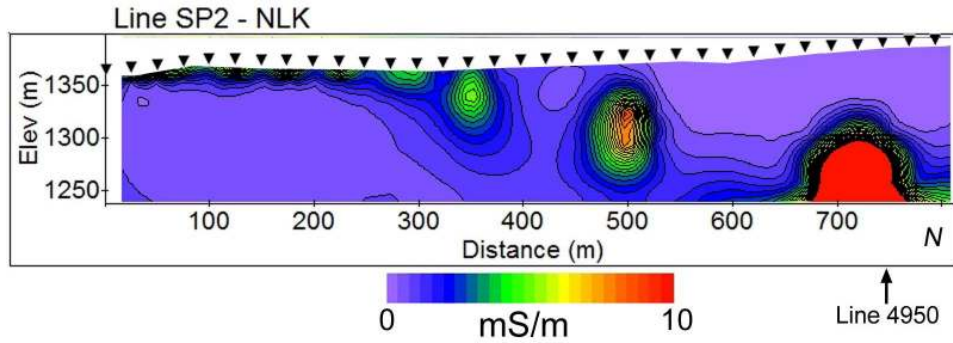
**Figure 15.** Inversions for the two transmitters along line 4950.

### 7.34 Comparisons with the 2016 Reconnaissance Lines

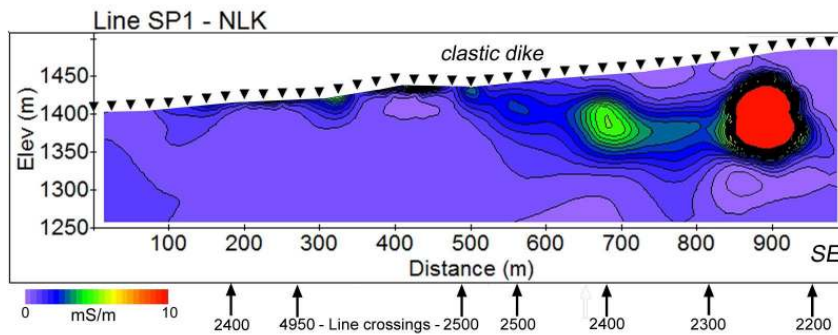
In August, 2016, two reconnaissance lines were recorded on the SBA property (SP-1 and SP-2; Figures 5, 6 and 7). Although they are at somewhat different orientations than the grid lines, they can be compared where the different lines intersect.

Reconnaissance line SP-2 was recorded more or less south to north and is thus subparallel to line 4950 of the grid (Figure 2). Where line SP-2 crosses line 4950 near the north end of line SP-2, the SP-2 inversion shows a prominent conductor at 1300m elevation and deeper (Figure 16); line 4950 shows a conductor in exactly the same location (Figure 15). Similarly, where line 4950 crosses Line SP-1 in the north, neither line SP-1 nor line 4950 shows significant elevated conductivity (Figures 15 and 17).

Reconnaissance line SP-1 crosses a number of the west-east grid lines, most significantly on the east side of the survey where SP-1 appears to have a prominent conductor between 1350 and 1400m elevation for the NLK (Seattle) transmitter (Figure 17). Line 2200 of the grid appears to have a similar conductor in about the same location, but a few meters deeper (between about 1280 and 1340 m elevation). The reason for the difference in apparent depth is not known, but could be due to the slightly different line orientations between line SP-1 and line 2200.



**Figure 16.** Inversion result from the 2016 reconnaissance VLF for line SP-2. Note the strong conductor near 1300m at 700 m distance. This feature correlates with a conductor observed on the inversions in Figure 15.



**Figure 17.** Inversion result from reconnaissance line SP-1. Note the strong conductor near 1350-1400m elevation at 900m distance. This feature correlates with a conductor observed on the inversions for line 2200 in Figure 13c.

## 8.0 Summary and Conclusions

The magnetic and VLF-EM grid recorded on the Spike's Big Adventure property has produced a large amount of data that show low magnitude (10-20 nT) north-northwest oriented magnetic anomalies as well as significant numbers of electrical conductors, some of which are in zones that can be correlated from line to line.

Acquisition of a long (2300m) south-north line that crosses all of the west-east grid lines is helpful for correlating the results from line to line as well as for determining the appropriate signal polarity to use in the inversion procedure. The signal polarity is further constrained by the detailed surface geologic information, most importantly the attitudes of the exposed strata.

## 9.0 References

Bozzo, E., S. Lombardo, and F. Merlanti. 1994. VLF prospecting: Observations about field experiments, *Annali di Geophysics*, v. 37, p. 1215-1227.

Brown, D. A., and Macleod, R. F. (Compilers). 2011. *Geology, Yahk River, British Columbia*, geological Survey of Canada, Open file 6304, scale 1:50000.

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Gem Systems, Inc. 2008. GSM 19 v7.0 Instruction Manual, 149 pp.

Kennedy, S., 2013. Report on geology, prospecting, rock and soil geochemistry, Spike's Big Adventure property, BC Geological Survey Assessment Report 34178, 50pp.

Kennedy, S., 2014. Rock and soil geochemistry report, Spike's Big Adventure Mineral Claims, BC Geological Survey Assessment Report 34914, 40pp.

Monteiro-Santos, F., A. Mateus, J. Figueiras, and M. Goncalves. 2006. Mapping groundwater contamination around a landfill facility using the VLF-EM system, *J. Applied Geophysics*, v. 60, 115-125.

**10.0 Statement of Costs**

Property:	Spike's Big Adventure	
Event #	5269967	
Start - End Date:	July 27, 2016 – Dec. 16, 2016.	
Tenure work done on:	984342	
Type of work done:	Geophysical – Magnetics, VLF	
Craig Kennedy	July 27, 2016	
	1 Man days @ 350	\$350.00
	1 Truck day @ 150	150.00
BA Belton	Oct 15-19, 25-29, 2016	
	9 man days @ 450	4,050.00
	9 truck days @ 150+fuel	1,628.10
	L/O	1,289.11
	Misc. field costs	50.00
Chris Garda	Oct 16-19, 25-28, 2016	
	8 man days@ 250	2,000.00
Fred Cook	Jul 27, Aug 8, 9, Oct 29, Nov 16-22, Dec 6-16, 2016	
	8.5 man days@ 800.00	6,800.00
	Report and maps	3,000.00
Total		<b><u>\$ 19,317.21</u></b>



## 11.0 Statement of Qualifications

I, **Frederick A. Cook** do hereby certify that:

I attained the degree of Doctor of Philosophy (Ph.D.) in geophysics from Cornell University in Ithaca, New York in 1981.

I have a B.Sc. in geology (1973) and an MSc. in Geophysics (1975) from the University of Wyoming in Laramie, Wyoming.

I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia (P. Geo. 2009). Previously, from 1984-2009, I was registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta as both a P. Geol. and a P. Goph.

I am a member of the American Geophysical Union and the Geological Society of America.

I have worked as a geophysicist/geologist for a total of 36 years since my graduation from university.

I have worked for the Continental Oil Company (1975-1977) and the University of Calgary (1982-2010).

I was the Director of the Lithoprobe Seismic Processing Facility at the University of Calgary from 1987-2003.

I have recently (2011) been appointed an International Consultant for the Chinese SinoProbe project.

I have a thorough knowledge of the geology and geophysics of southern British Columbia based on extensive geological and geophysical fieldwork.

I have authored more than 125 scholarly publications in peer-reviewed journals and books.

I am the author of this report.

I am not aware of any material fact or material change with respect to the subject matter of this report, which is not reflected in this report.

“signed and sealed” at Salt Spring Island, B.C.

**Frederick A. Cook**, P. Geo.

Salt Spring Imaging, Ltd

128 Trincomali Heights

Salt Spring Island, B.C. V8K1M8

Dated at Salt Spring Island, B.C. this 5<sup>th</sup> day of March, 2017

Registration License No. 34585

**Association of Professional Engineers and Geoscientists of British Columbia**

I, **Brian Alexander Belton**, hereby do declare that:

I graduated with a Bachelor's degree in Geography (Environmental Studies, Resource Management, Regional Development) from the University of Victoria, Victoria, British Columbia in 1996.

I graduated with a Bachelor of Education degree (Environmental Studies) from the University of British Columbia, Vancouver, British Columbia in 1998.

I have completed course work in the Geographic Information Systems program (covering GIS Applications I, Cartography and Mapping Fundamentals, Remote Sensing, GIS Professional Development, Multimedia, GPS) at Selkirk College, Castlegar, British Columbia, 2003.

I have worked in geological exploration and geoscience as an independent consultant and contractor since 2002.

I was in charge of both running and cutting grid lines for the geophysical survey and conducted the geophysical survey in the field.

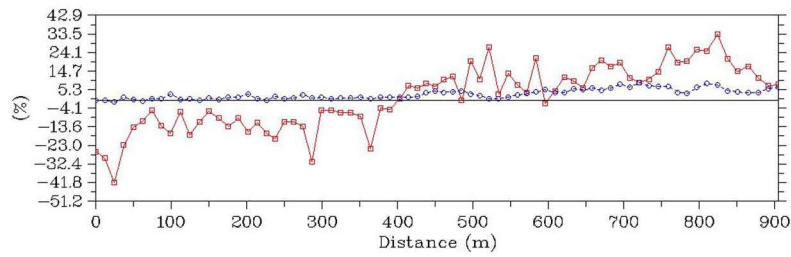
Dated this 5<sup>th</sup> day of March, 2017

**B. A. Belton**

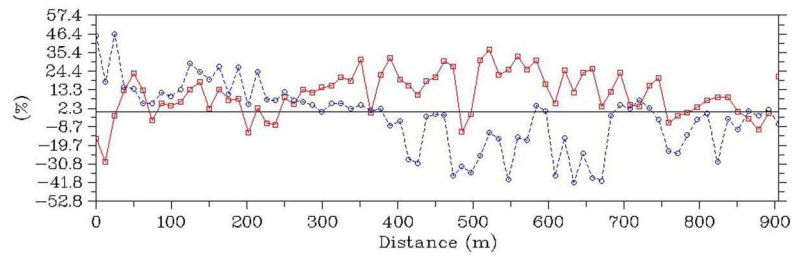
**Appendix 1. Recorded VLF-EM Data  
Scale 1:10000**

# Lines 2500-3000

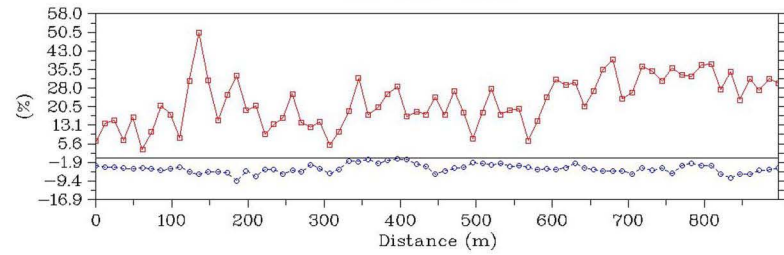
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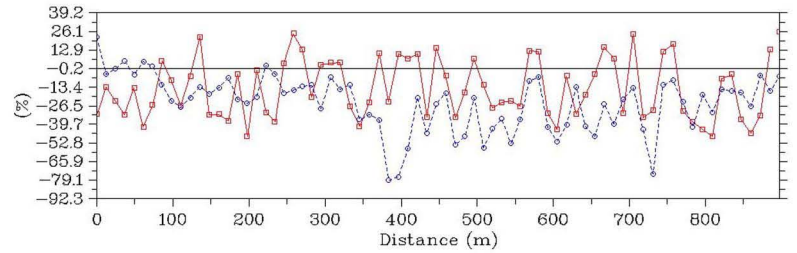
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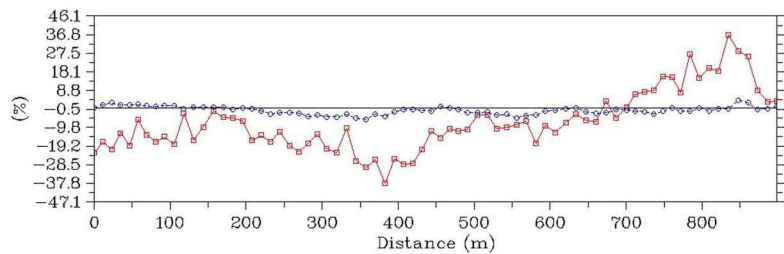
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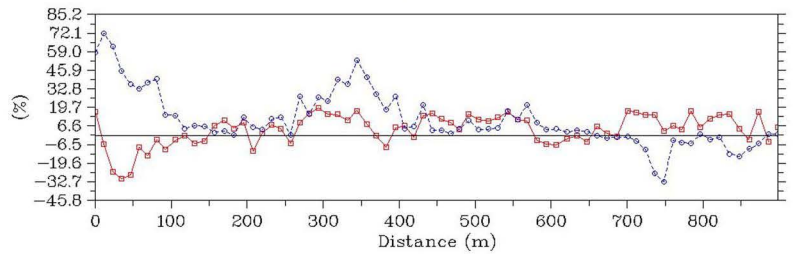
Line 2900 - NLK



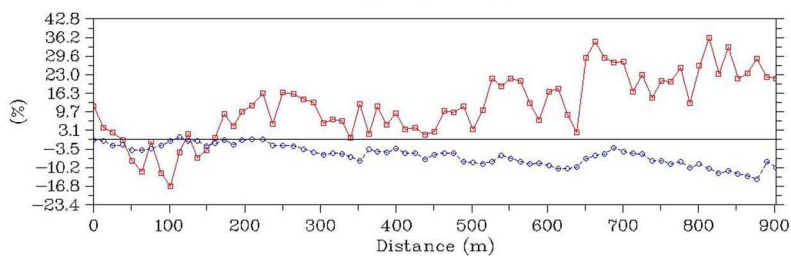
Line 2800 - NAA



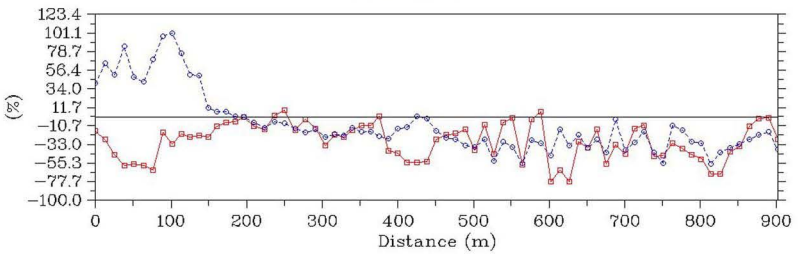
Line 2800 - NLK



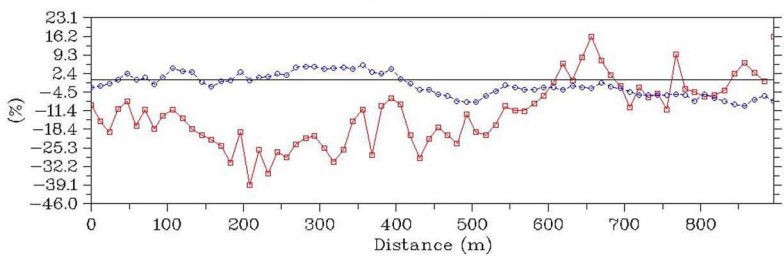
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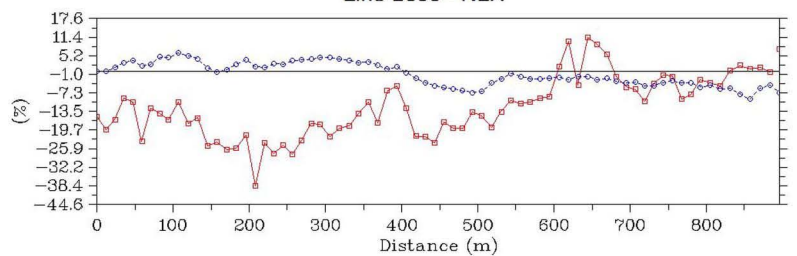
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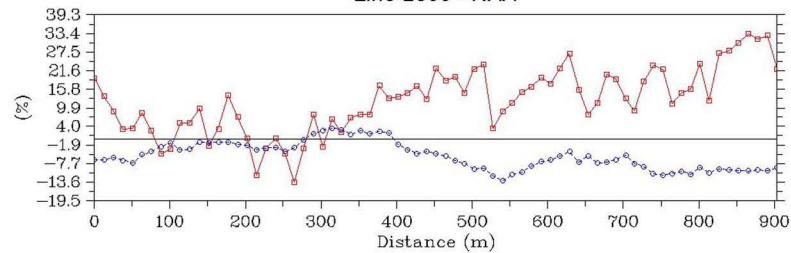
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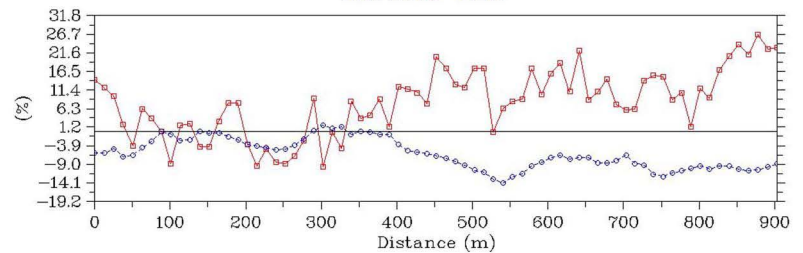
Line 2600 - NLK



Line 2500 - NAA

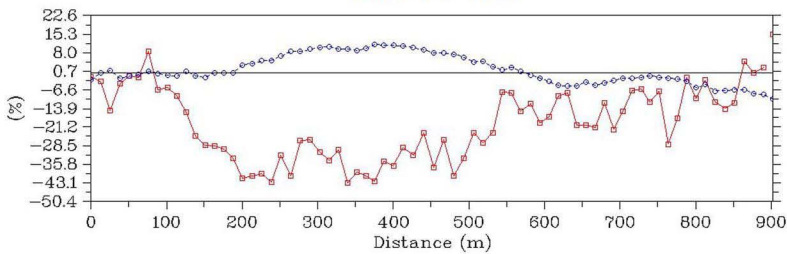


Line 2500 - NLK

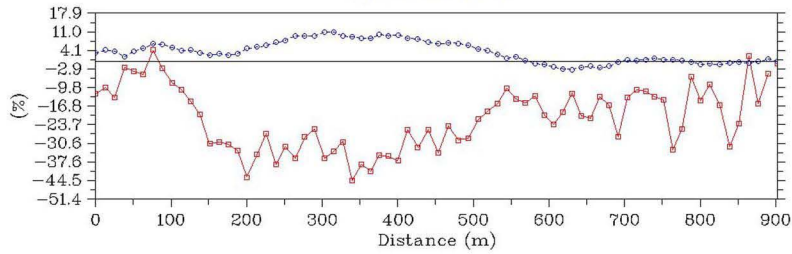


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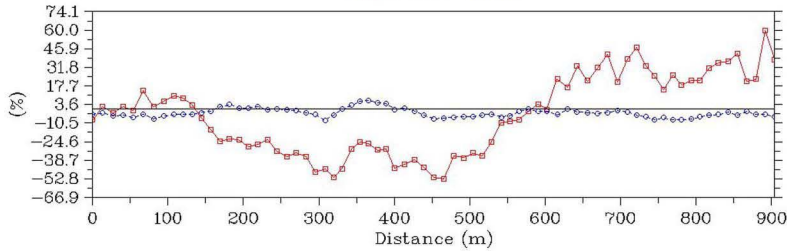
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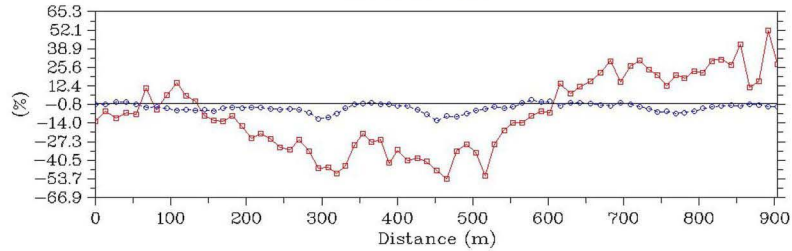
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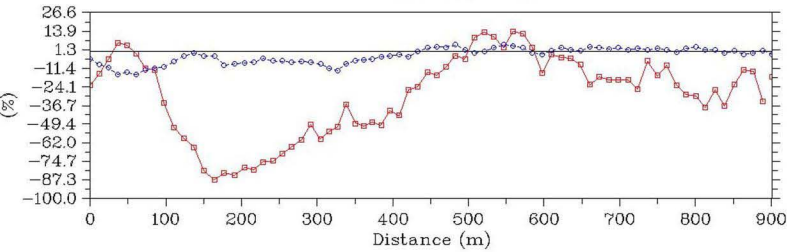
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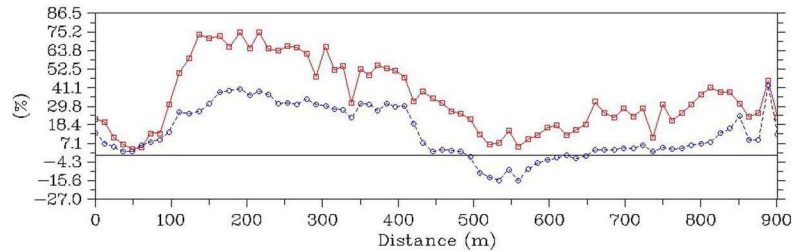
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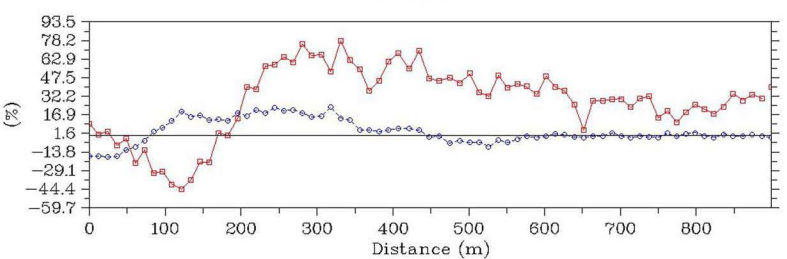
Line 2200 - NAA



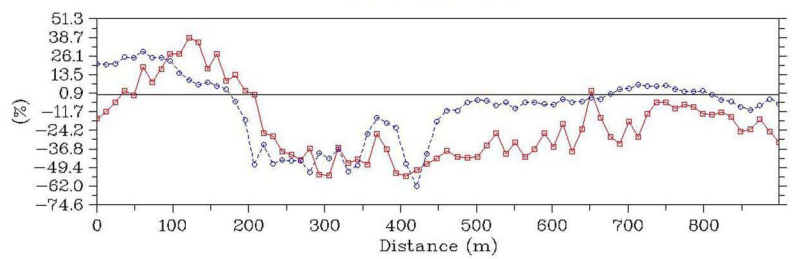
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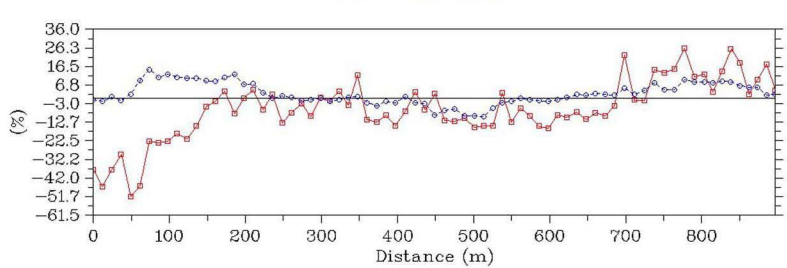
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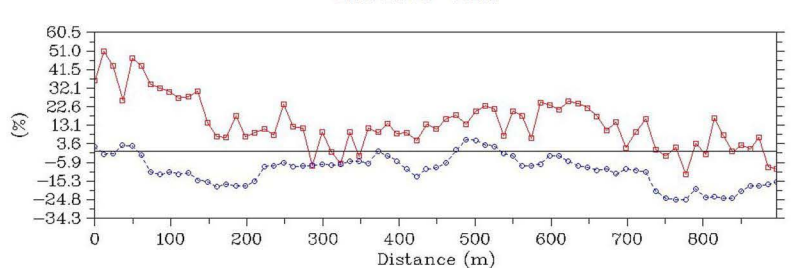
Line 2100 - NLK



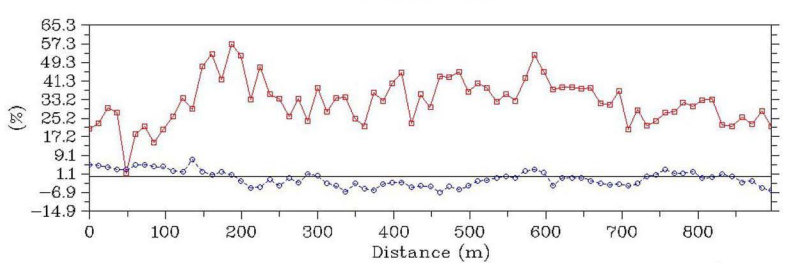
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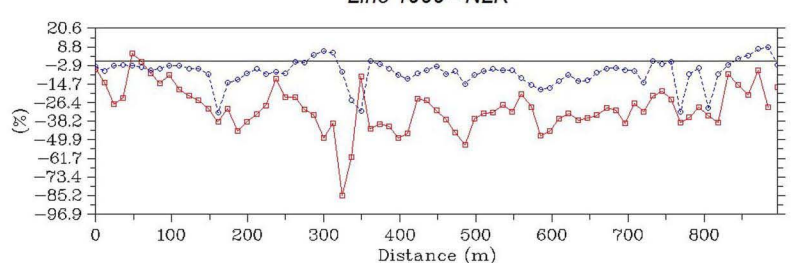
Line 2000 - NLK



Line 1900 - NAA



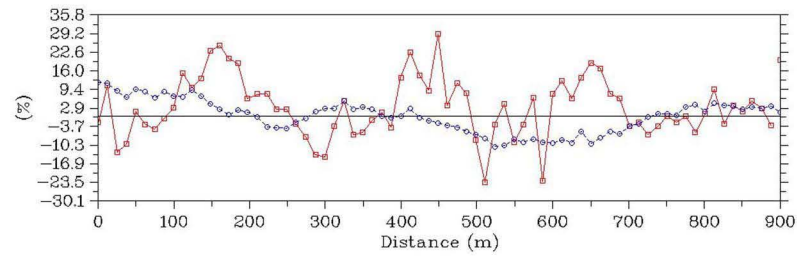
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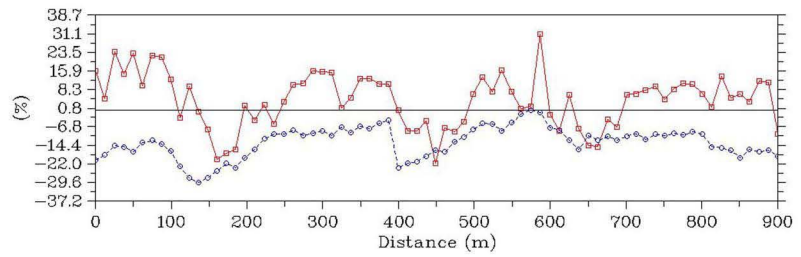


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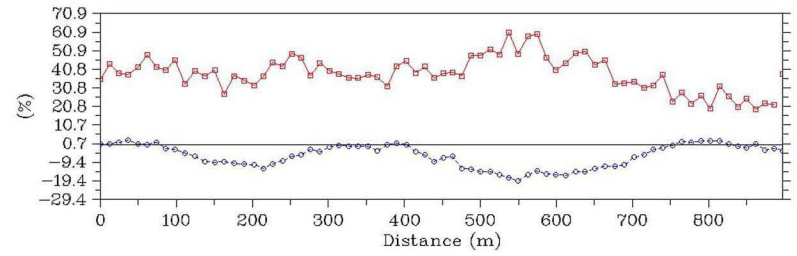
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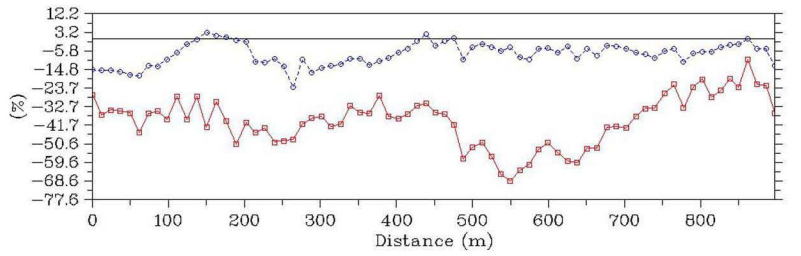
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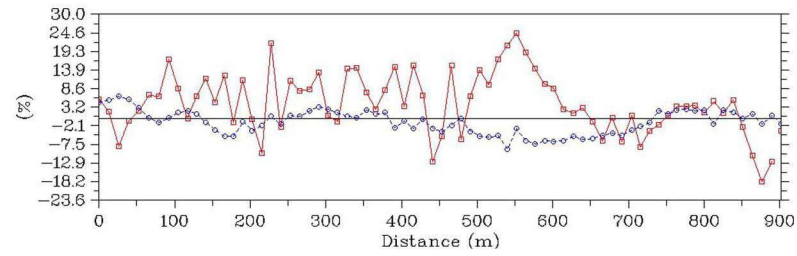
Line 1700 - NAA



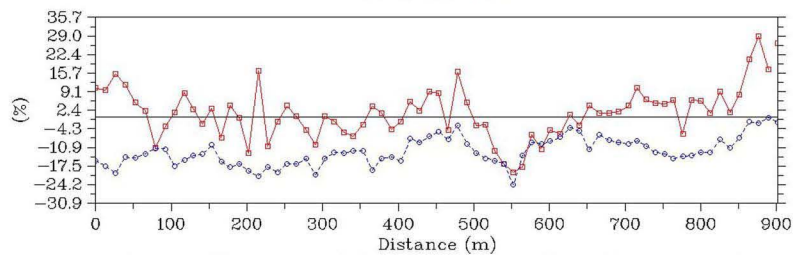
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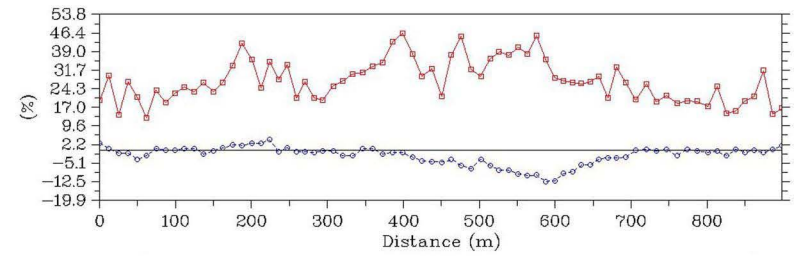
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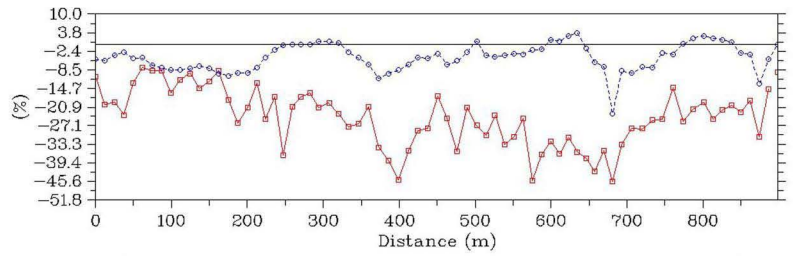
Line 1600 - NLK



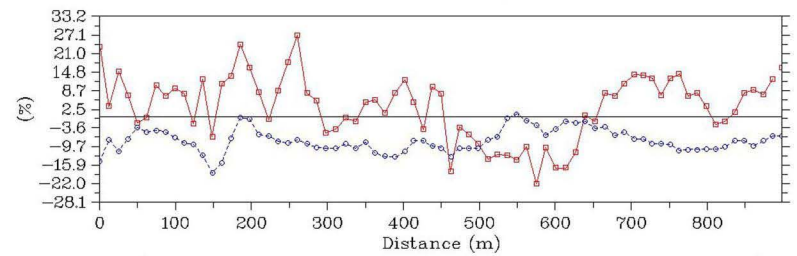
Line 1500 - NAA



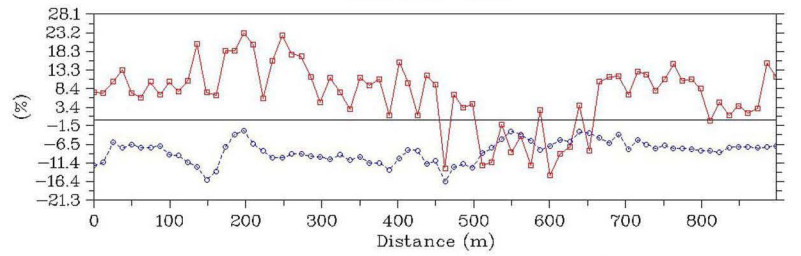
Line 1500 - NLK



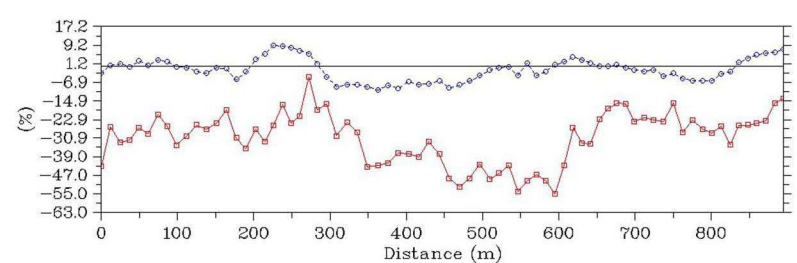
Line 1400 - NAA



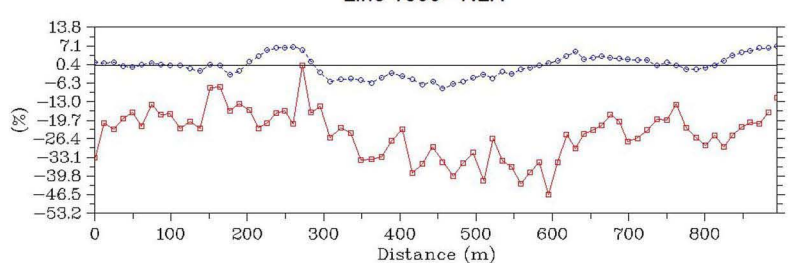
Line 1400 - NLK



Line 1300 - NAA

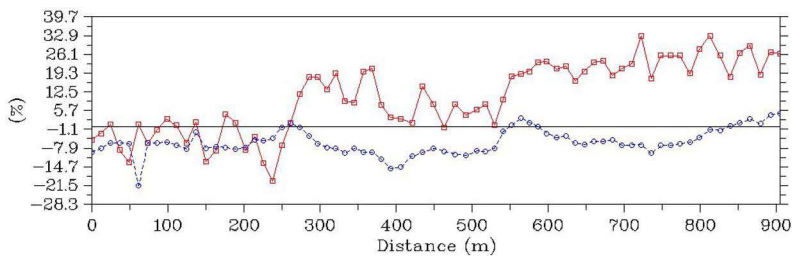


Line 1300 - NLK

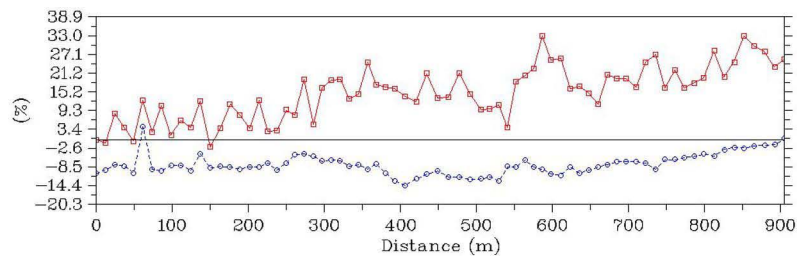


# Lines 700 - 1200

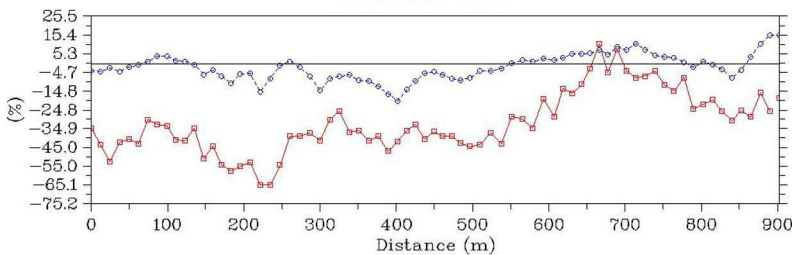
Line 1200 - NAA



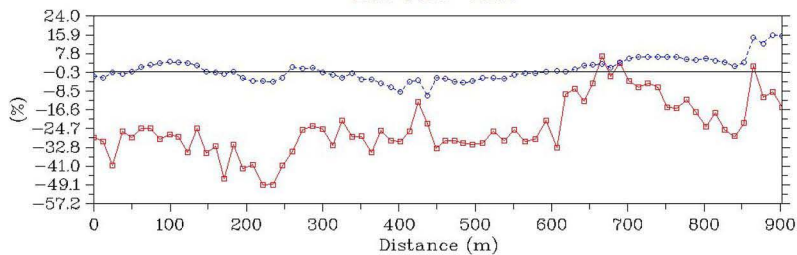
Line 1200 - NLK



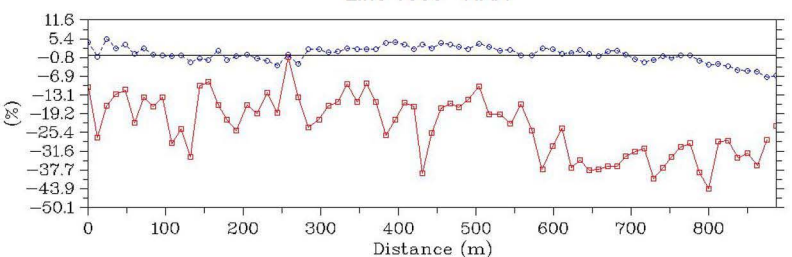
Line 1100 - NAA



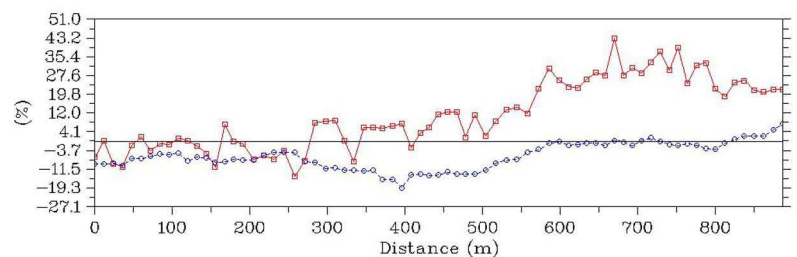
Line 1100 - NLK



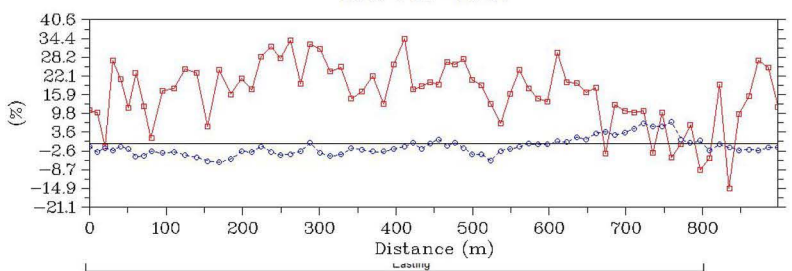
Line 1000 - NAA



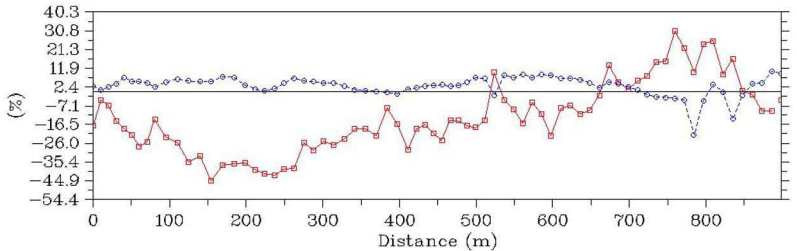
Line 1000 - NLK



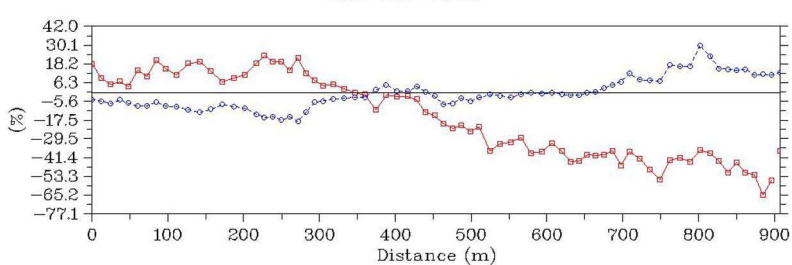
Line 900 - NAA



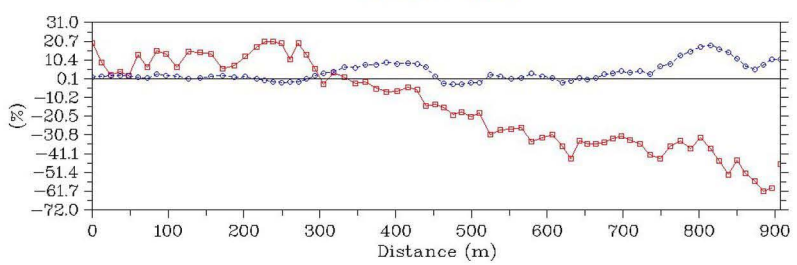
Line 900 - NLK



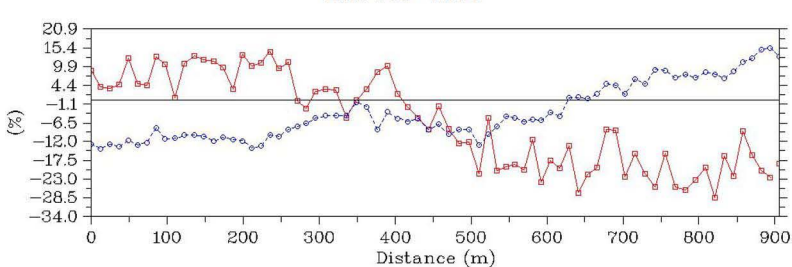
Line 800 - NAA



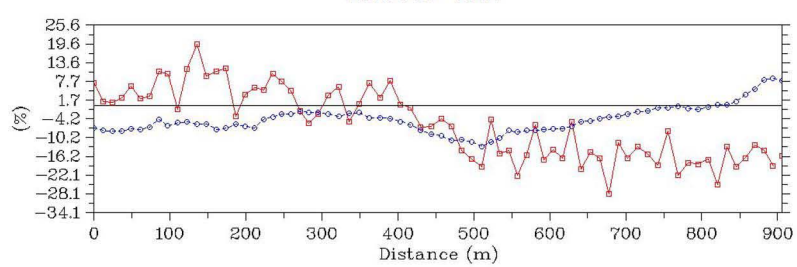
Line 800 - NLK



Line 700 - NAA



Line 700 - NLK

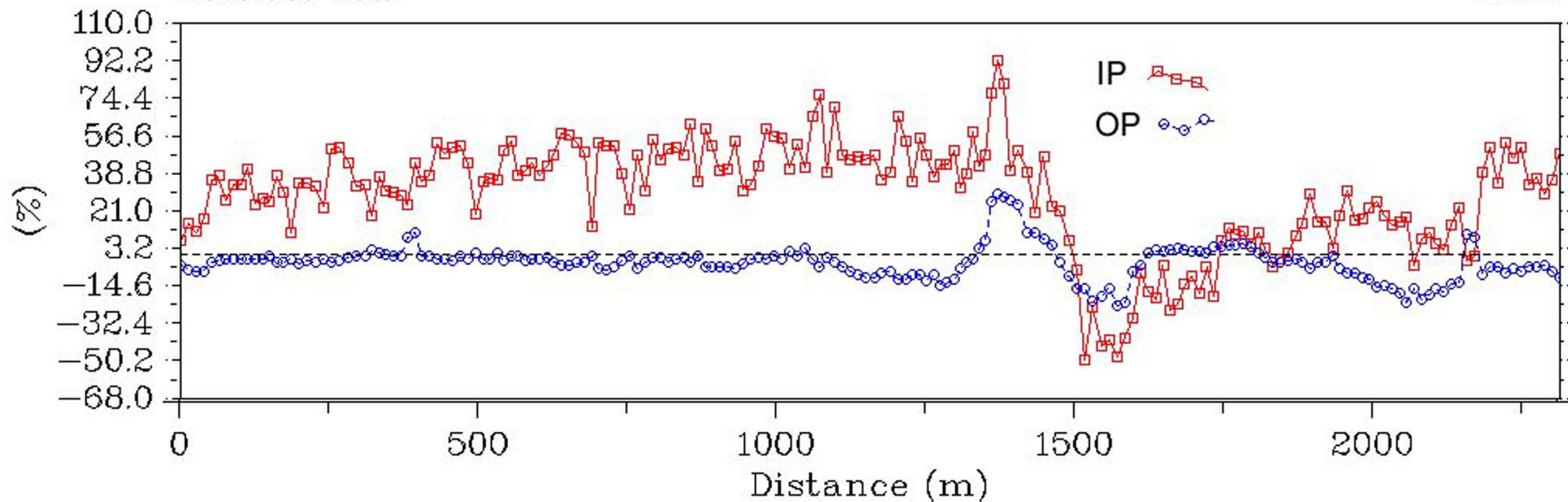




# Line 4950 - NAA

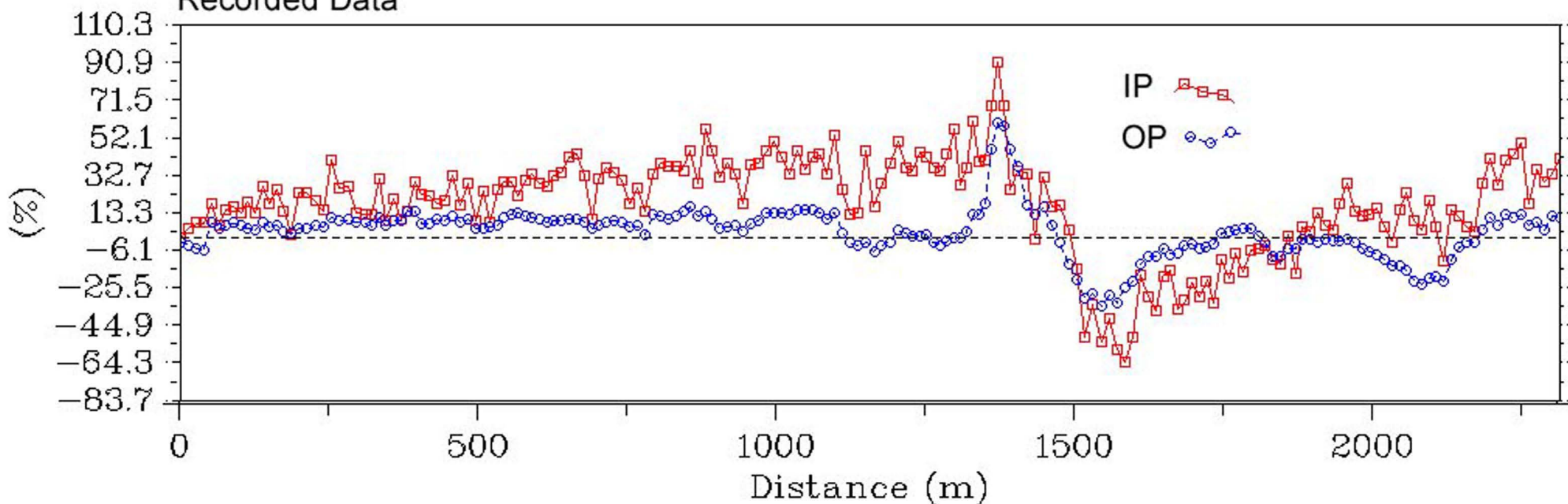
Recorded Data

North



# Line 4950 - NLK

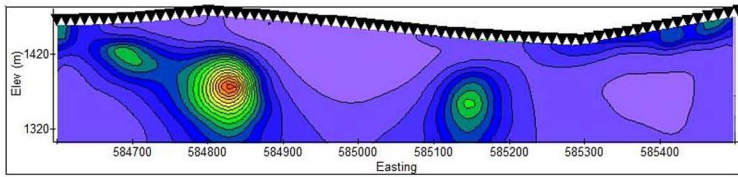
Recorded Data



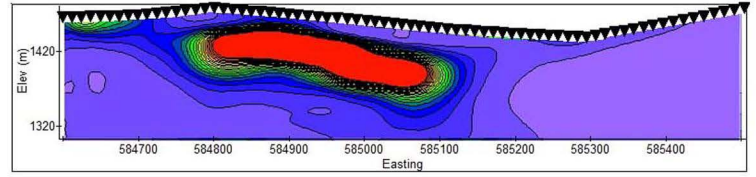
**Appendix 2. VLF Inversions**  
**Scale 1:10000**

# Lines 2500-3000

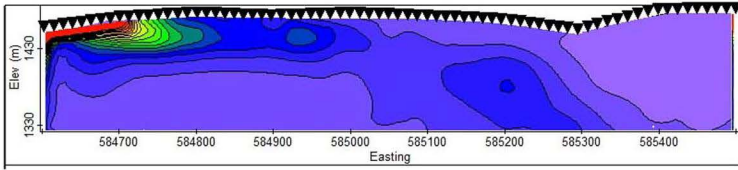
Line 3000 - NAA



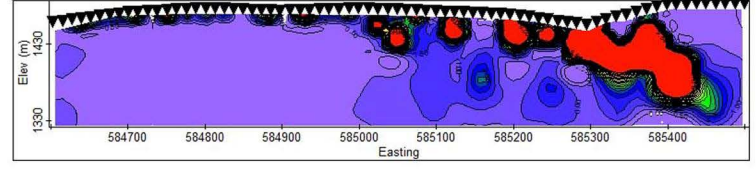
Line 3000 - NLK



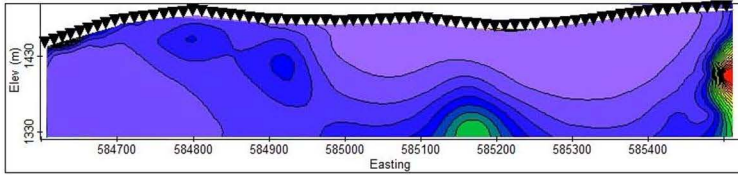
Line 2900 - NAA



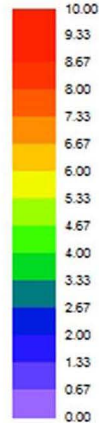
Line 2900 - NLK



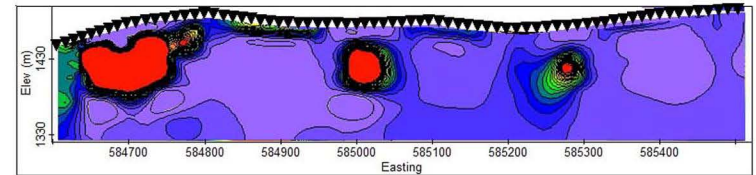
Line 2800 - NAA



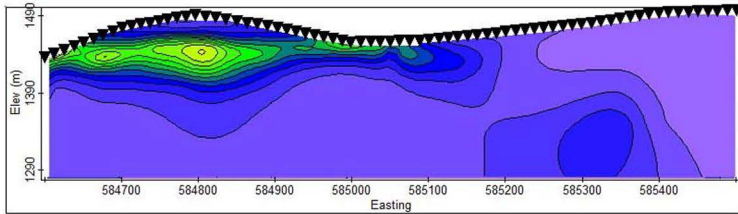
mS/m



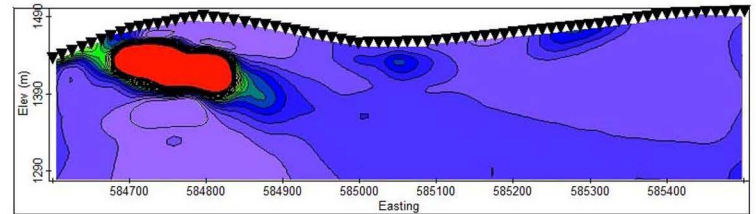
Line 2800 - NLK



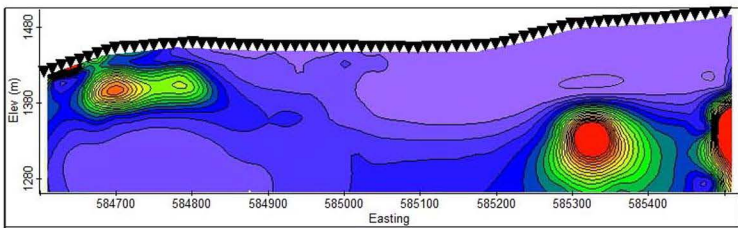
Line 2700 - NAA



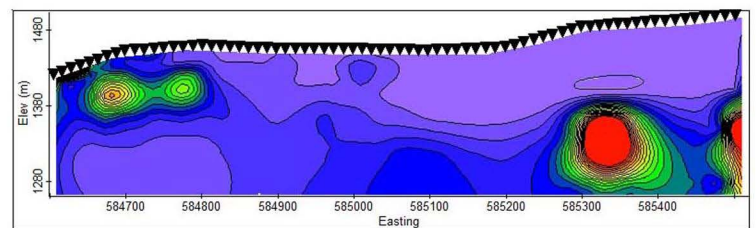
Line 2700 - NLK



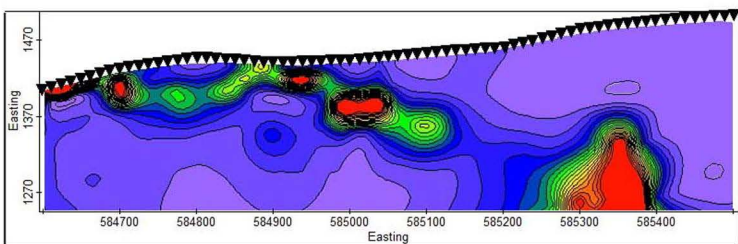
Line 2600 - NAA



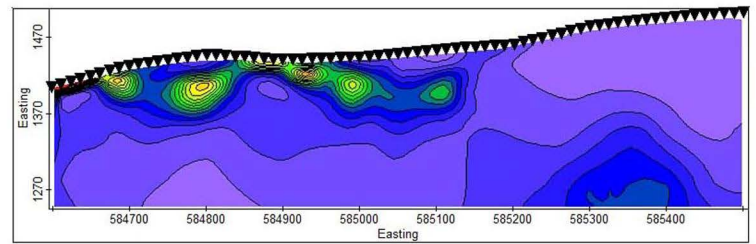
Line 2600 - NLK



Line 2500 - NAA



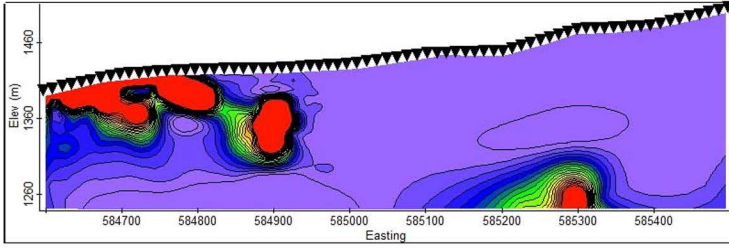
Line 2500 - NLK



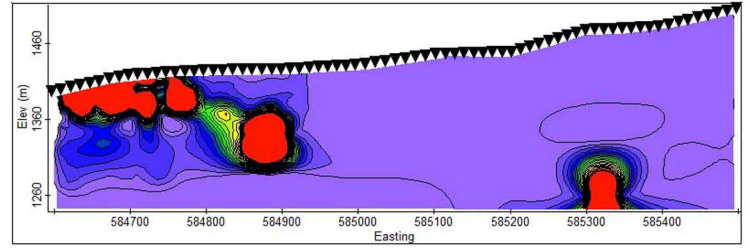


# Lines 1900-2400

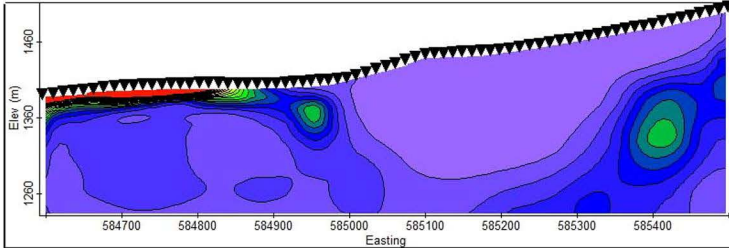
Line 2400 - NAA



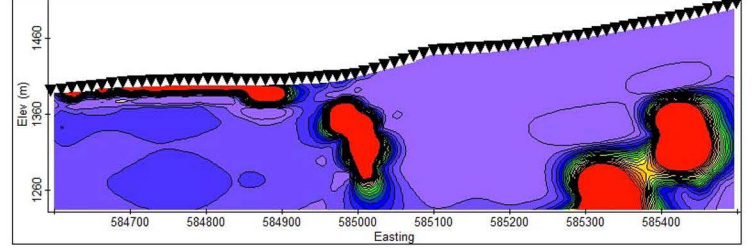
Line 2400 - NLK



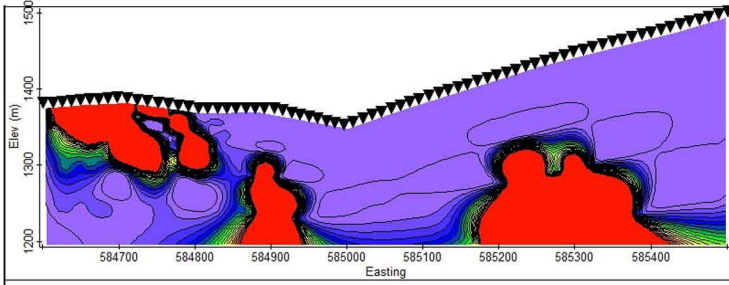
Line 2300 - NAA



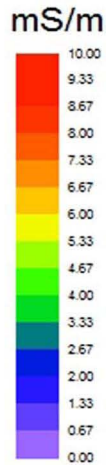
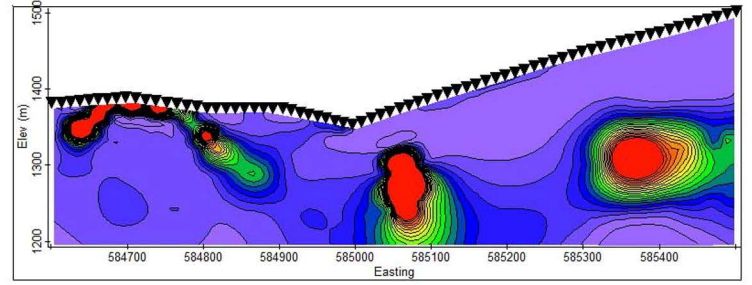
Line 2300 - NLK



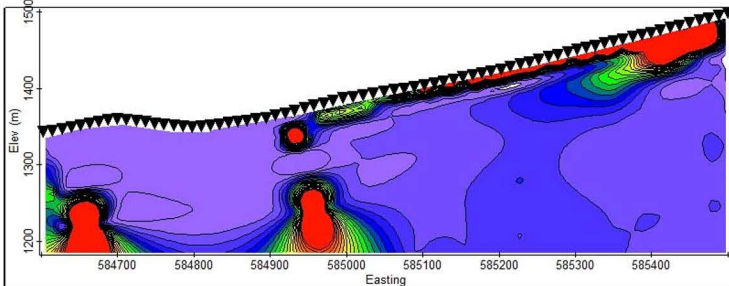
Line 2200 - NAA



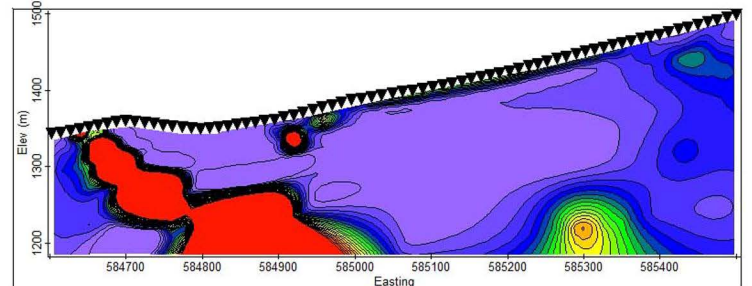
Line 2200 - NLK



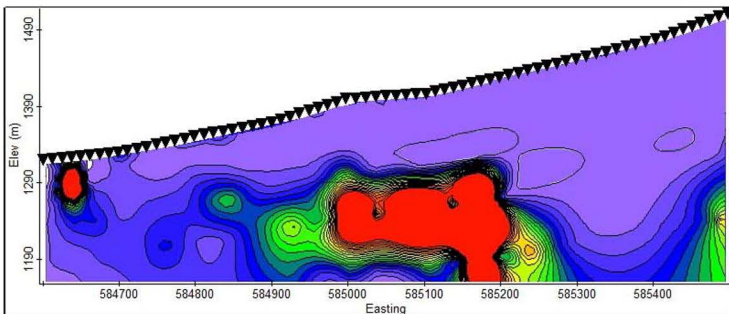
Line 2100 - NAA



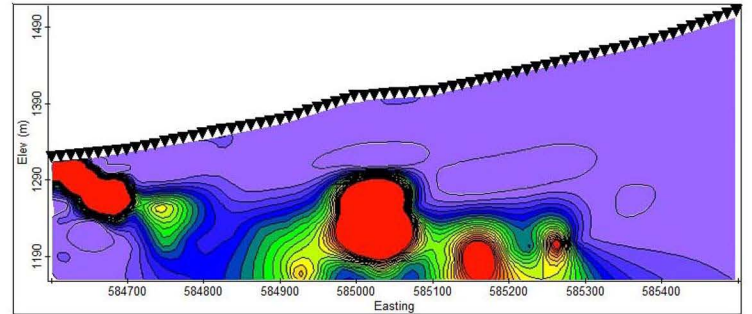
Line 2100 - NLK



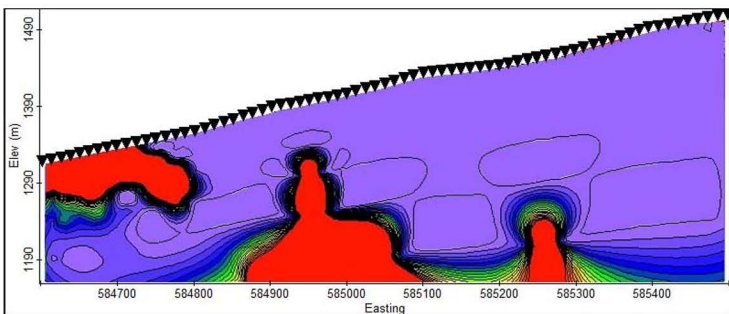
Line 2000 - NAA



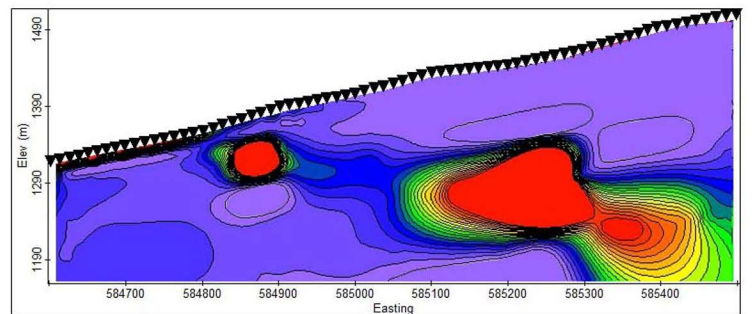
Line 2000 - NLK



Line 1900 - NAA



Line 1900 - NLK

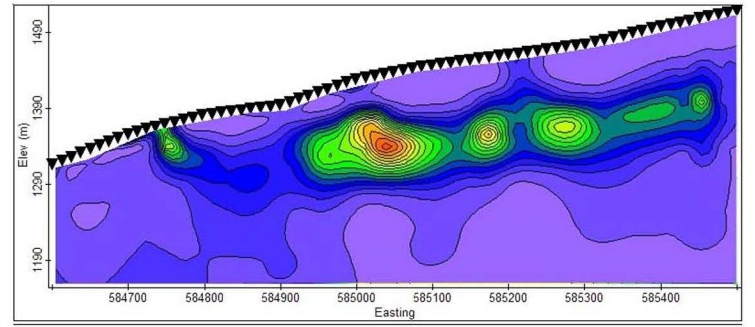
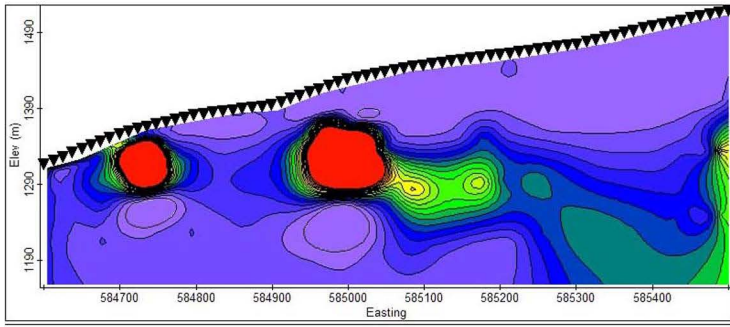




Line 1800 - NAA

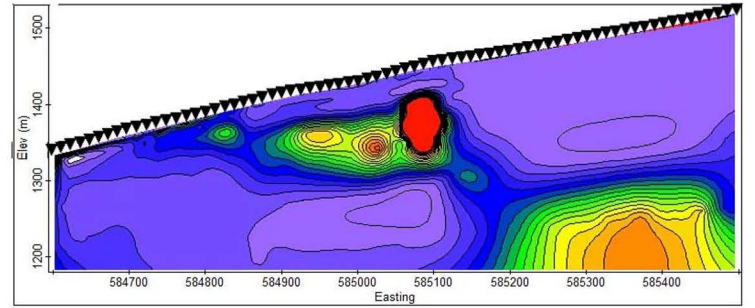
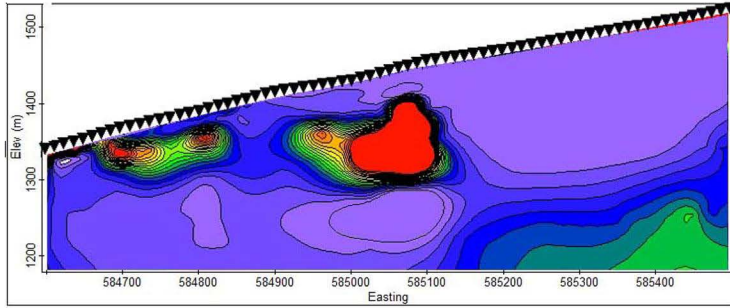
# Lines 1300 - 1800

Line 1800 - NLK



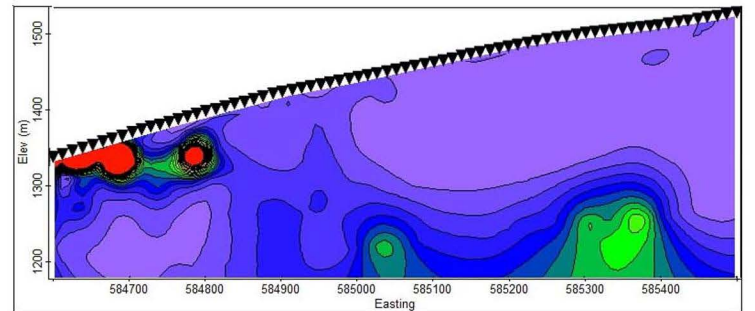
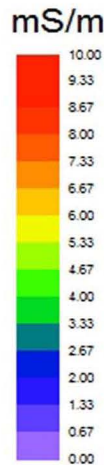
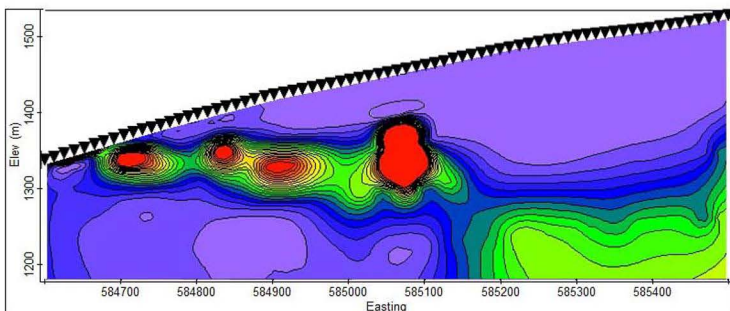
Line 1700 - NAA

Line 1700 - NLK



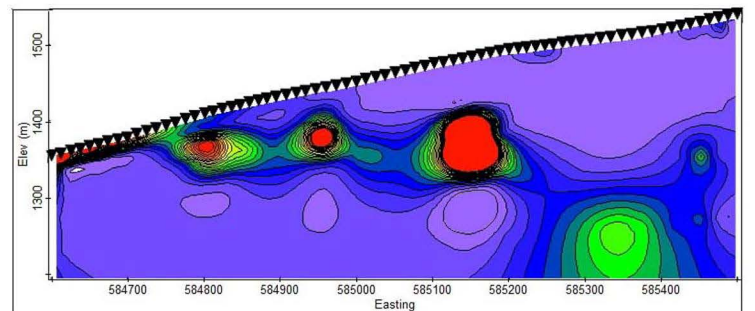
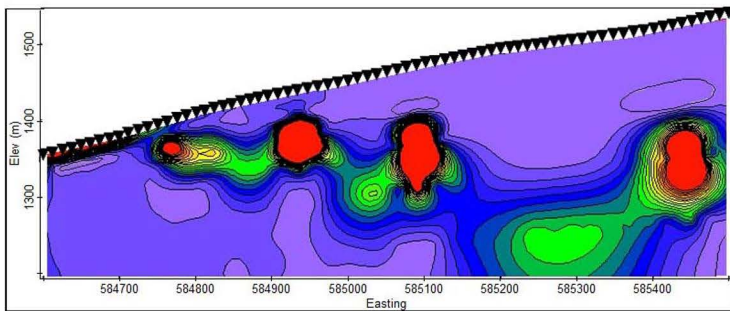
Line 1600 - NAA

Line 1600 - NLK



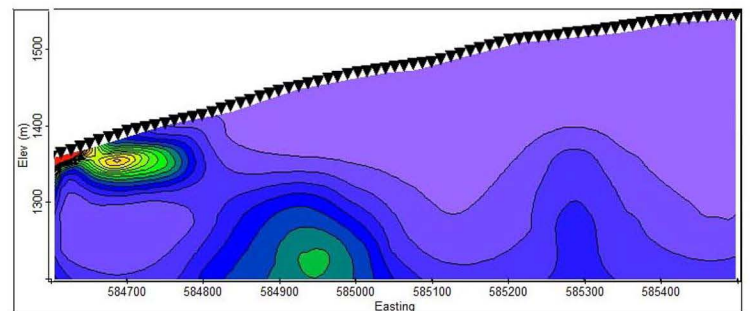
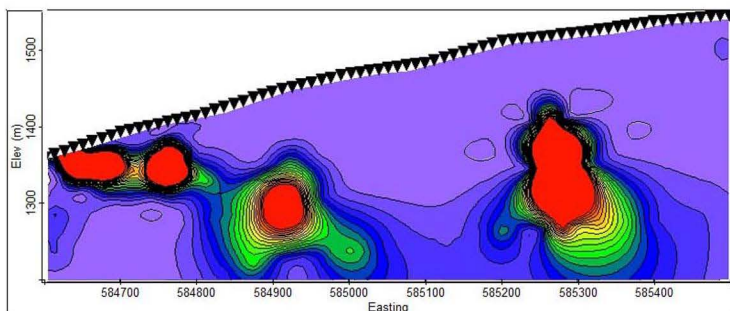
Line 1500 - NAA

Line 1500 - NLK



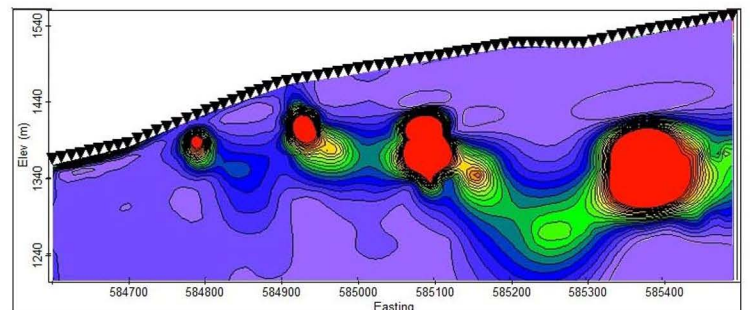
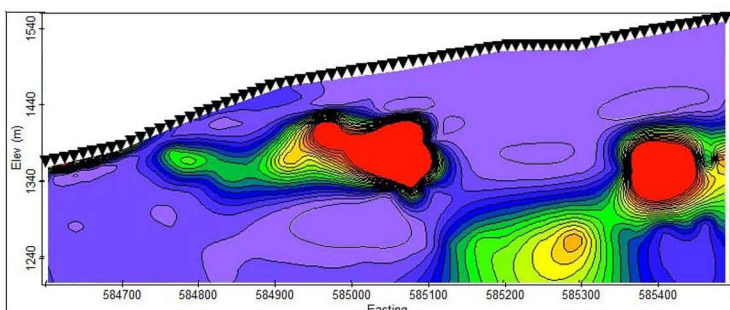
Line 1400 - NAA

Line 1400 - NLK



Line 1300 - NAA

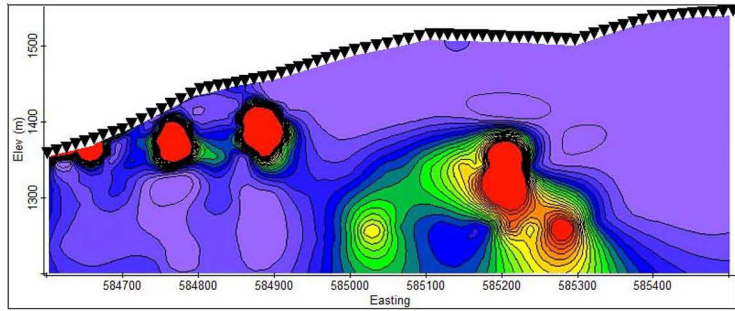
Line 1300 - NLK



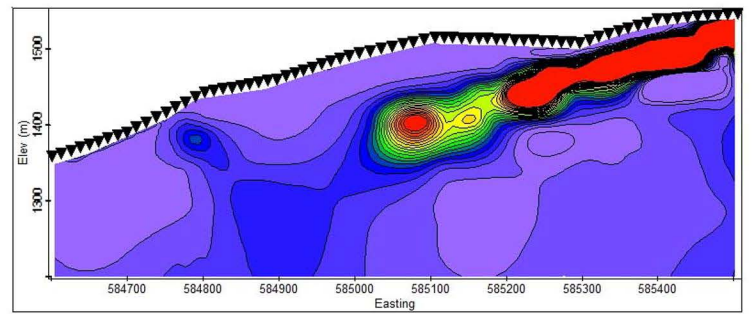


# Lines 700 - 1200

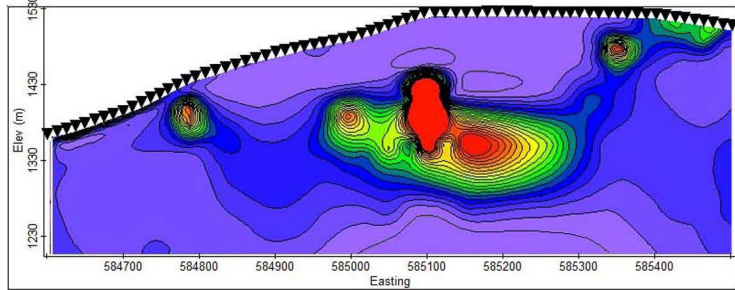
Line 1200 - NAA



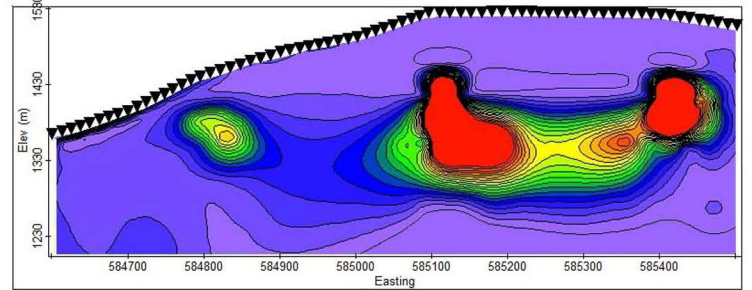
Line 1200 - NLK



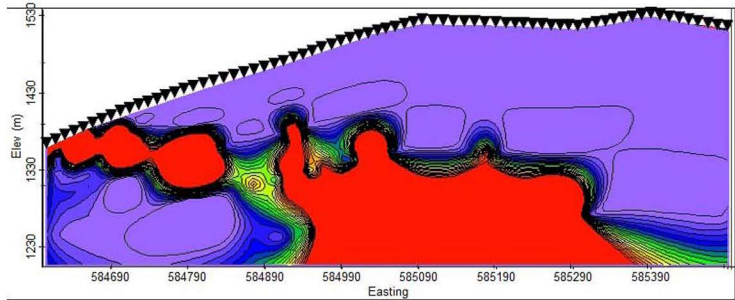
Line 1100 - NAA



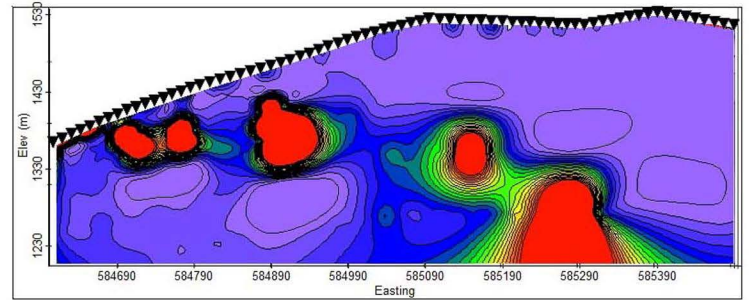
Line 1100 - NLK



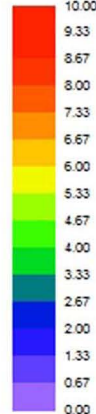
Line 1000 - NAA



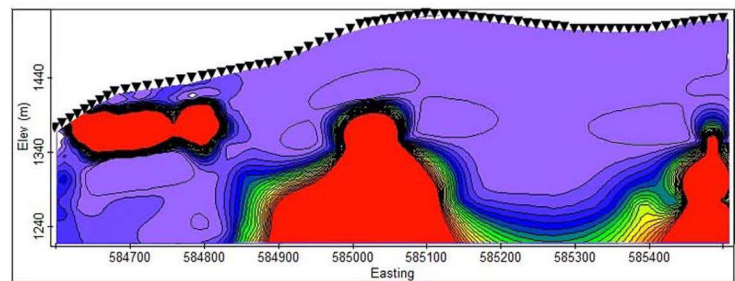
Line 1000 - NLK



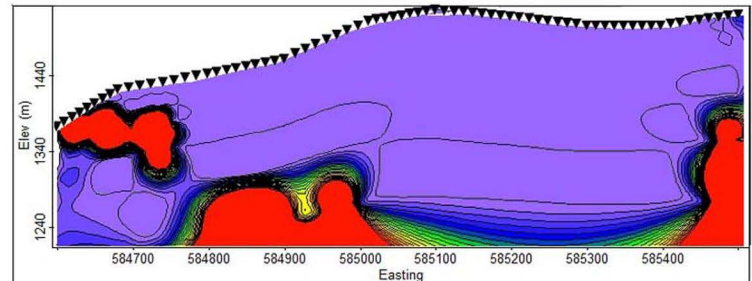
mS/m



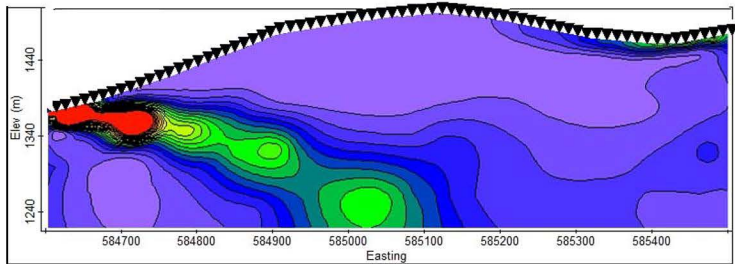
Line 900 - NAA



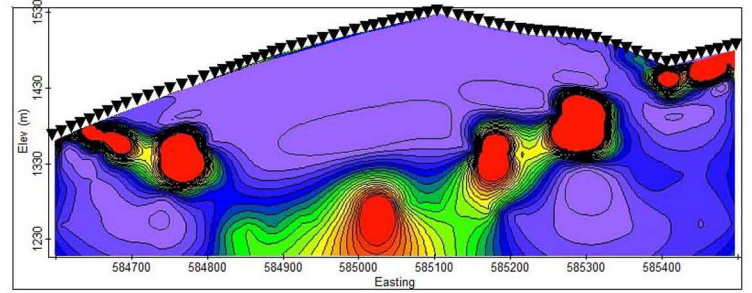
Line 900 - NLK



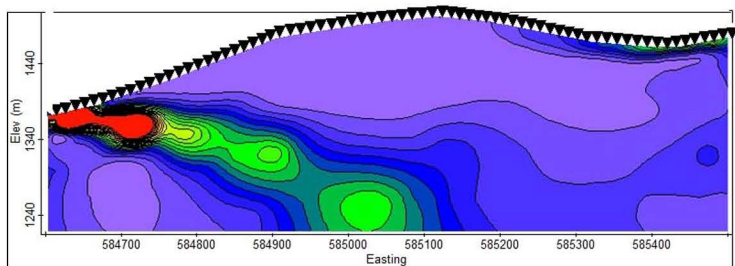
Line 700 - NAA



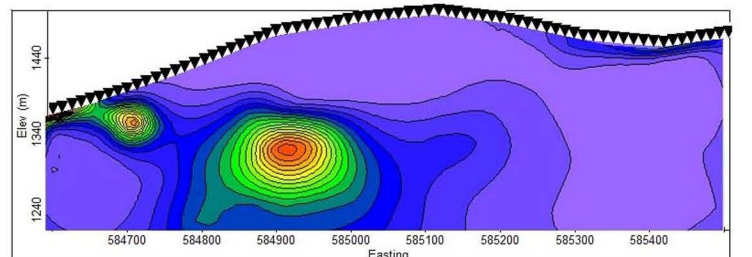
Line 800 - NLK



Line 700 - NAA



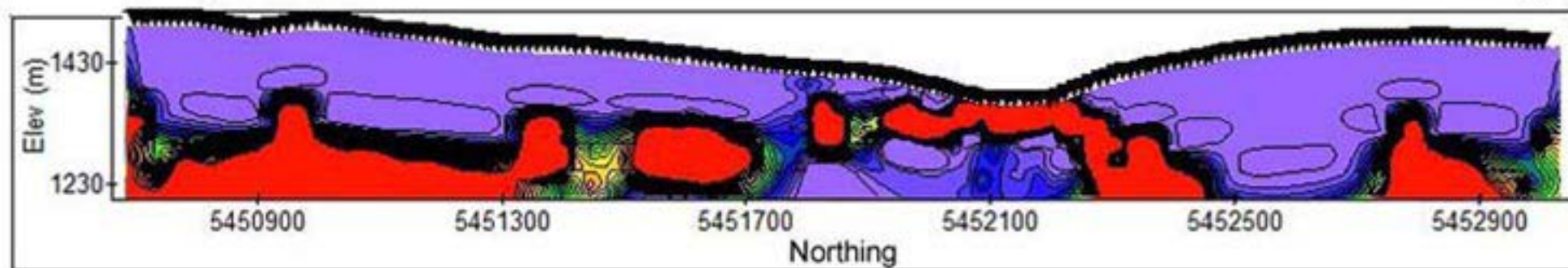
Line 700 - NLK



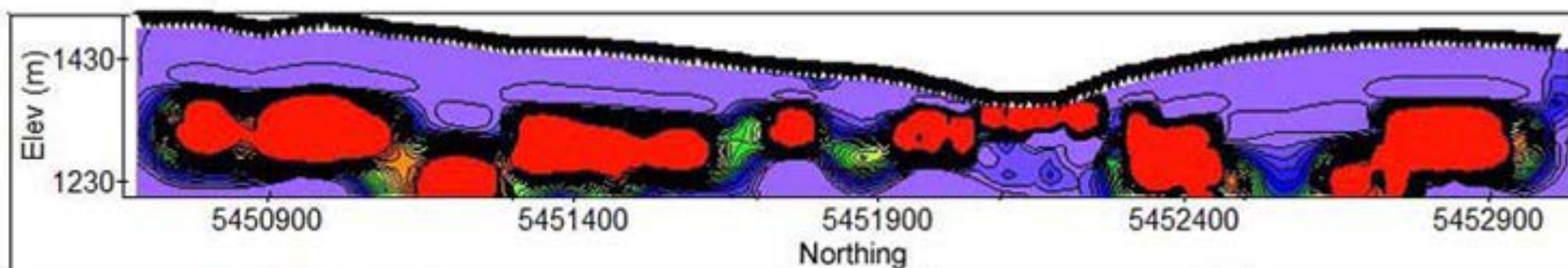


# Line 4950 - NAA

N



# Line 4950 - NLK



↑  
Line SP2

↑  
Line SP1

### **Appendix 3 – Magnetic Data**



## Spike's Big Adventure 2016 Magnetic Data

UTM East	UTM North	Measured (Diurnal removed) (25m grid)	IGRF (calculated)	Anomaly
584600	5450675	55277.6	55255.8	21.80
584600	5450700	55277.3	55255.892	21.41
584600	5450725	55278	55255.983	22.02
584600	5450750	55278.4	55256.076	22.32
584600	5450775	55285	55256.168	28.83
584600	5450800	55285.6	55256.261	29.34
584600	5450825	55284.8	55256.354	28.45
584600	5450850	55280.7	55256.447	24.25
584600	5450875	55275.8	55256.541	19.26
584600	5450900	55274.9	55256.635	18.27
584600	5450925	55275.9	55256.729	19.17
584600	5450950	55277	55256.823	20.18
584600	5450975	55272.4	55256.918	15.48
584600	5451000	55276.2	55257.012	19.19
584600	5451025	55272.7	55257.107	15.59
584600	5451050	55276.1	55257.202	18.90
584600	5451075	55274.7	55257.297	17.40
584600	5451100	55273.7	55257.392	16.31
584600	5451125	55273.3	55257.488	15.81
584600	5451150	55277.2	55257.583	19.62
584600	5451175	55281.6	55257.678	23.92
584600	5451200	55281.7	55257.774	23.93
584600	5451225	55281.5	55257.869	23.63
584600	5451250	55290.5	55257.964	32.54
584600	5451275	55301.1	55258.059	43.04
584600	5451300	55296.7	55258.155	38.55
584600	5451325	55304	55258.25	45.75
584600	5451350	55300	55258.345	41.66
584600	5451375	55300.8	55258.44	42.36
584600	5451400	55299.1	55258.534	40.57
584600	5451425	55300.5	55258.629	41.87
584600	5451450	55281	55258.723	22.28
584600	5451475	55267.3	55258.817	8.48
584600	5451500	55269	55258.912	10.09
584600	5451525	55267.2	55259.005	8.20
584600	5451550	55275.6	55259.099	16.50
584600	5451575	55278.9	55259.192	19.71
584600	5451600	55271.7	55259.285	12.42
584600	5451625	55277.8	55259.378	18.42
584600	5451650	55263.2	55259.471	3.73
584600	5451675	55244.9	55259.563	-14.66
584600	5451700	55259.6	55259.655	-0.05
584600	5451725	55246.8	55259.747	-12.95
584600	5451750	55262.9	55259.838	3.06
584600	5451775	55284.3	55259.929	24.37

584600	5451800	55282.3	55260.02	22.28
584600	5451825	55282.7	55260.11	22.59
584600	5451850	55279.8	55260.2	19.60
584600	5451875	55273	55260.308	12.69
584600	5451900	55275.6	55260.415	15.19
584600	5451925	55272.9	55260.522	12.38
584600	5451950	55278.2	55260.629	17.57
584600	5451975	55283.3	55260.735	22.57
584600	5452000	55284.1	55260.841	23.26
584600	5452025	55283.8	55260.946	22.85
584600	5452050	55279.4	55261.051	18.35
584600	5452075	55277.9	55261.155	16.75
584600	5452100	55277.4	55261.259	16.14
584600	5452125	55277.2	55261.362	15.84
584600	5452150	55284	55261.465	22.54
584600	5452175	55290	55261.567	28.43
584600	5452200	55290.4	55261.668	28.73
584600	5452225	55290.1	55261.769	28.33
584600	5452250	55287.2	55261.869	25.33
584600	5452275	55285.3	55261.968	23.33
584600	5452300	55284.5	55262.067	22.43
584600	5452325	55285.8	55262.165	23.64
584600	5452350	55284.1	55262.262	21.84
584600	5452375	55283.2	55262.359	20.84
584600	5452400	55282.6	55262.454	20.15
584600	5452425	55281.1	55262.549	18.55
584600	5452450	55283.9	55262.643	21.26
584600	5452475	55286	55262.736	23.26
584600	5452500	55285.2	55262.829	22.37
584600	5452525	55286	55262.92	23.08
584600	5452550	55283.7	55263.01	20.69
584600	5452575	55280.5	55263.1	17.40
584600	5452600	55281.1	55263.188	17.91
584600	5452625	55280.4	55263.276	17.12
584600	5452650	55280.7	55263.362	17.34
584600	5452675	55281	55263.447	17.55
584600	5452700	55281.2	55263.531	17.67
584600	5452725	55281.2	55263.613	17.59
584600	5452750	55283.3	55263.695	19.61
584600	5452775	55279.5	55263.775	15.73
584600	5452800	55280	55263.854	16.15
584600	5452825	55279.5	55263.932	15.57
584600	5452850	55288.3	55264.008	24.29
584600	5452875	55292.1	55264.083	28.02
584600	5452900	55283.9	55264.156	19.74
584600	5452925	55292	55264.228	27.77
584600	5452950	55286.9	55264.298	22.60
584600	5452975	55283.8	55264.367	19.43
584600	5453000	55285.1	55264.434	20.67
584600	5453025	55311.3	55264.5	46.80
584625	5450675	55276.4	55255.848	20.55
584625	5450700	55278.5	55255.916	22.58

584625	5450725	55276.4	55256.001	20.40
584625	5450750	55279	55256.09	22.91
584625	5450775	55278.1	55256.181	21.92
584625	5450800	55282.8	55256.274	26.53
584625	5450825	55282.2	55256.366	25.83
584625	5450850	55278.3	55256.46	21.84
584625	5450875	55276.4	55256.553	19.85
584625	5450900	55275.9	55256.647	19.25
584625	5450925	55276.7	55256.741	19.96
584625	5450950	55272.1	55256.836	15.26
584625	5450975	55267.4	55256.931	10.47
584625	5451000	55264.5	55257.026	7.47
584625	5451025	55267.3	55257.121	10.18
584625	5451050	55269.3	55257.216	12.08
584625	5451075	55271.1	55257.312	13.79
584625	5451100	55272.3	55257.407	14.89
584625	5451125	55271.9	55257.503	14.40
584625	5451150	55275.7	55257.598	18.10
584625	5451175	55281.5	55257.694	23.81
584625	5451200	55281.2	55257.79	23.41
584625	5451225	55277.4	55257.886	19.51
584625	5451250	55286.8	55257.981	28.82
584625	5451275	55293.2	55258.077	35.12
584625	5451300	55304.6	55258.173	46.43
584625	5451325	55294.3	55258.268	36.03
584625	5451350	55299.2	55258.364	40.84
584625	5451375	55304.3	55258.459	45.84
584625	5451400	55304.5	55258.554	45.95
584625	5451425	55302.5	55258.649	43.85
584625	5451450	55272.8	55258.744	14.06
584625	5451475	55246.7	55258.839	-12.14
584625	5451500	55262.6	55258.933	3.67
584625	5451525	55242.2	55259.028	-16.83
584625	5451550	55261.4	55259.122	2.28
584625	5451575	55283.1	55259.216	23.88
584625	5451600	55280.5	55259.309	21.19
584625	5451625	55281.1	55259.403	21.70
584625	5451650	55279.4	55259.496	19.90
584625	5451675	55276.6	55259.588	17.01
584625	5451700	55274.1	55259.681	14.42
584625	5451725	55274.8	55259.773	15.03
584625	5451750	55278.8	55259.865	18.94
584625	5451775	55281	55259.957	21.04
584625	5451800	55276.9	55260.049	16.85
584625	5451825	55280.5	55260.141	20.36
584625	5451850	55275.7	55260.237	15.46
584625	5451875	55270.7	55260.34	10.36
584625	5451900	55267.7	55260.446	7.25
584625	5451925	55270.8	55260.553	10.25
584625	5451950	55276.2	55260.66	15.54
584625	5451975	55281.2	55260.766	20.43
584625	5452000	55281.8	55260.872	20.93

584625	5452025	55280.3	55260.978	19.32
584625	5452050	55279.2	55261.083	18.12
584625	5452075	55277.2	55261.188	16.01
584625	5452100	55276.6	55261.292	15.31
584625	5452125	55277.4	55261.396	16.00
584625	5452150	55283.3	55261.499	21.80
584625	5452175	55289.5	55261.601	27.90
584625	5452200	55289	55261.703	27.30
584625	5452225	55289	55261.804	27.20
584625	5452250	55288.1	55261.905	26.20
584625	5452275	55286.2	55262.005	24.20
584625	5452300	55287.9	55262.104	25.80
584625	5452325	55286.8	55262.202	24.60
584625	5452350	55283.8	55262.3	21.50
584625	5452375	55281.4	55262.397	19.00
584625	5452400	55283.3	55262.493	20.81
584625	5452425	55280.8	55262.589	18.21
584625	5452450	55285	55262.683	22.32
584625	5452475	55287.5	55262.777	24.72
584625	5452500	55289.5	55262.869	26.63
584625	5452525	55287.4	55262.961	24.44
584625	5452550	55283.9	55263.052	20.85
584625	5452575	55280.1	55263.142	16.96
584625	5452600	55279.2	55263.231	15.97
584625	5452625	55280.2	55263.319	16.88
584625	5452650	55281.1	55263.405	17.70
584625	5452675	55281.3	55263.491	17.81
584625	5452700	55284	55263.575	20.43
584625	5452725	55281.4	55263.658	17.74
584625	5452750	55283	55263.74	19.26
584625	5452775	55282.4	55263.821	18.58
584625	5452800	55278.1	55263.9	14.20
584625	5452825	55281.3	55263.978	17.32
584625	5452850	55295.7	55264.054	31.65
584625	5452875	55300.8	55264.129	36.67
584625	5452900	55308.3	55264.203	44.10
584625	5452925	55300.6	55264.274	36.33
584625	5452950	55312	55264.344	47.66
584625	5452975	55312.1	55264.413	47.69
584625	5453000	55280.8	55264.478	16.32
584625	5453025	55318.4	55264.539	53.86
584650	5450675	55274.1	55255.896	18.20
584650	5450700	55277	55255.957	21.04
584650	5450725	55273.8	55256.032	17.77
584650	5450750	55272.1	55256.116	15.98
584650	5450775	55267.5	55256.204	11.30
584650	5450800	55265.5	55256.294	9.21
584650	5450825	55269.6	55256.385	13.22
584650	5450850	55276.5	55256.477	20.02
584650	5450875	55275.2	55256.57	18.63
584650	5450900	55278.6	55256.664	21.94
584650	5450925	55275.2	55256.758	18.44

584650	5450950	55277.8	55256.852	20.95
584650	5450975	55277.9	55256.947	20.95
584650	5451000	55278.8	55257.042	21.76
584650	5451025	55277.7	55257.137	20.56
584650	5451050	55277.2	55257.233	19.97
584650	5451075	55275.1	55257.328	17.77
584650	5451100	55275.9	55257.424	18.48
584650	5451125	55275.2	55257.52	17.68
584650	5451150	55274.5	55257.616	16.88
584650	5451175	55272.5	55257.712	14.79
584650	5451200	55265.4	55257.808	7.59
584650	5451225	55273.4	55257.904	15.50
584650	5451250	55276.6	55258	18.60
584650	5451275	55284	55258.096	25.90
584650	5451300	55281.7	55258.192	23.51
584650	5451325	55284.7	55258.288	26.41
584650	5451350	55288.3	55258.384	29.92
584650	5451375	55295	55258.48	36.52
584650	5451400	55284.3	55258.576	25.72
584650	5451425	55294	55258.671	35.33
584650	5451450	55280.5	55258.767	21.73
584650	5451475	55264.7	55258.862	5.84
584650	5451500	55264.4	55258.957	5.44
584650	5451525	55257.6	55259.052	-1.45
584650	5451550	55275.2	55259.146	16.05
584650	5451575	55281.4	55259.24	22.16
584650	5451600	55280.8	55259.335	21.47
584650	5451625	55281.1	55259.428	21.67
584650	5451650	55281.4	55259.522	21.88
584650	5451675	55271.3	55259.616	11.68
584650	5451700	55280.3	55259.709	20.59
584650	5451725	55279.5	55259.802	19.70
584650	5451750	55279.4	55259.895	19.51
584650	5451775	55282.1	55259.988	22.11
584650	5451800	55279.5	55260.082	19.42
584650	5451825	55280.4	55260.176	20.22
584650	5451850	55276.7	55260.274	16.43
584650	5451875	55270.8	55260.376	10.42
584650	5451900	55270.3	55260.481	9.82
584650	5451925	55270.7	55260.587	10.11
584650	5451950	55274	55260.693	13.31
584650	5451975	55277.3	55260.799	16.50
584650	5452000	55278.9	55260.906	17.99
584650	5452025	55276.7	55261.011	15.69
584650	5452050	55276.8	55261.117	15.68
584650	5452075	55278.3	55261.222	17.08
584650	5452100	55278.3	55261.326	16.97
584650	5452125	55278.7	55261.43	17.27
584650	5452150	55284.1	55261.534	22.57
584650	5452175	55288.4	55261.636	26.76
584650	5452200	55289.4	55261.739	27.66
584650	5452225	55288.8	55261.84	26.96



584650	5452250	55287.2	55261.941	25.26
584650	5452275	55285.9	55262.042	23.86
584650	5452300	55287.9	55262.141	25.76
584650	5452325	55286.2	55262.24	23.96
584650	5452350	55284.7	55262.338	22.36
584650	5452375	55284.8	55262.436	22.36
584650	5452400	55286.3	55262.532	23.77
584650	5452425	55284.1	55262.628	21.47
584650	5452450	55284.3	55262.723	21.58
584650	5452475	55285.1	55262.817	22.28
584650	5452500	55284.2	55262.91	21.29
584650	5452525	55284.7	55263.003	21.70
584650	5452550	55283.3	55263.094	20.21
584650	5452575	55282.3	55263.184	19.12
584650	5452600	55283.2	55263.274	19.93
584650	5452625	55282.3	55263.362	18.94
584650	5452650	55282.2	55263.449	18.75
584650	5452675	55281.4	55263.535	17.87
584650	5452700	55279.3	55263.62	15.68
584650	5452725	55282.1	55263.703	18.40
584650	5452750	55288.6	55263.785	24.82
584650	5452775	55293.7	55263.866	29.83
584650	5452800	55305.2	55263.946	41.25
584650	5452825	55295.1	55264.024	31.08
584650	5452850	55297.6	55264.1	33.50
584650	5452875	55301.1	55264.175	36.93
584650	5452900	55298.1	55264.248	33.85
584650	5452925	55298.6	55264.32	34.28
584650	5452950	55291.9	55264.389	27.51
584650	5452975	55284.9	55264.456	20.44
584650	5453000	55288.2	55264.52	23.68
584650	5453025	55285.6	55264.579	21.02
584675	5450675	55269.7	55255.944	13.76
584675	5450700	55260.4	55256.001	4.40
584675	5450725	55270.1	55256.071	14.03
584675	5450750	55274.9	55256.149	18.75
584675	5450775	55276.2	55256.233	19.97
584675	5450800	55276.2	55256.32	19.88
584675	5450825	55278.8	55256.409	22.39
584675	5450850	55277.2	55256.499	20.70
584675	5450875	55273.8	55256.591	17.21
584675	5450900	55273.7	55256.684	17.02
584675	5450925	55273.8	55256.777	17.02
584675	5450950	55277.6	55256.871	20.73
584675	5450975	55282.3	55256.966	25.33
584675	5451000	55284.3	55257.061	27.24
584675	5451025	55282.4	55257.156	25.24
584675	5451050	55275.3	55257.251	18.05
584675	5451075	55273.9	55257.347	16.55
584675	5451100	55272.1	55257.443	14.66
584675	5451125	55275.1	55257.539	17.56
584675	5451150	55277.7	55257.635	20.07

584675	5451175	55283.3	55257.732	25.57
584675	5451200	55285.8	55257.828	27.97
584675	5451225	55281.3	55257.924	23.38
584675	5451250	55283	55258.021	24.98
584675	5451275	55281.2	55258.117	23.08
584675	5451300	55280.9	55258.214	22.69
584675	5451325	55281.3	55258.31	22.99
584675	5451350	55286.8	55258.406	28.39
584675	5451375	55286.8	55258.503	28.30
584675	5451400	55284	55258.599	25.40
584675	5451425	55283.6	55258.695	24.91
584675	5451450	55280.2	55258.79	21.41
584675	5451475	55272.6	55258.886	13.71
584675	5451500	55271.2	55258.981	12.22
584675	5451525	55272.9	55259.077	13.82
584675	5451550	55268.1	55259.172	8.93
584675	5451575	55277.9	55259.267	18.63
584675	5451600	55270.5	55259.361	11.14
584675	5451625	55277.7	55259.456	18.24
584675	5451650	55276.3	55259.55	16.75
584675	5451675	55279.6	55259.644	19.96
584675	5451700	55276.9	55259.738	17.16
584675	5451725	55279.7	55259.832	19.87
584675	5451750	55279.7	55259.927	19.77
584675	5451775	55281.8	55260.021	21.78
584675	5451800	55281	55260.116	20.88
584675	5451825	55281.5	55260.213	21.29
584675	5451850	55275.8	55260.312	15.49
584675	5451875	55270.3	55260.413	9.89
584675	5451900	55270	55260.517	9.48
584675	5451925	55269.8	55260.622	9.18
584675	5451950	55275.1	55260.728	14.37
584675	5451975	55278.7	55260.834	17.87
584675	5452000	55278.6	55260.94	17.66
584675	5452025	55278.4	55261.046	17.35
584675	5452050	55278.3	55261.151	17.15
584675	5452075	55278.4	55261.257	17.14
584675	5452100	55280.7	55261.361	19.34
584675	5452125	55278.9	55261.466	17.43
584675	5452150	55281.9	55261.569	20.33
584675	5452175	55287.2	55261.672	25.53
584675	5452200	55286.3	55261.775	24.53
584675	5452225	55287.3	55261.877	25.42
584675	5452250	55285.8	55261.978	23.82
584675	5452275	55283.9	55262.079	21.82
584675	5452300	55283.4	55262.179	21.22
584675	5452325	55284.3	55262.278	22.02
584675	5452350	55284.3	55262.377	21.92
584675	5452375	55284.3	55262.475	21.83
584675	5452400	55284.2	55262.572	21.63
584675	5452425	55284.2	55262.668	21.53
584675	5452450	55285.2	55262.763	22.44

584675	5452475	55285.6	55262.858	22.74
584675	5452500	55286.7	55262.951	23.75
584675	5452525	55285.6	55263.044	22.56
584675	5452550	55283.9	55263.136	20.76
584675	5452575	55282.4	55263.227	19.17
584675	5452600	55284.1	55263.316	20.78
584675	5452625	55282.9	55263.405	19.50
584675	5452650	55283	55263.492	19.51
584675	5452675	55283.5	55263.579	19.92
584675	5452700	55282.4	55263.664	18.74
584675	5452725	55283.5	55263.748	19.75
584675	5452750	55299	55263.83	35.17
584675	5452775	55321.1	55263.911	57.19
584675	5452800	55314.2	55263.991	50.21
584675	5452825	55317.7	55264.069	53.63
584675	5452850	55302	55264.145	37.86
584675	5452875	55297.8	55264.22	33.58
584675	5452900	55311	55264.293	46.71
584675	5452925	55296.5	55264.364	32.14
584675	5452950	55287.9	55264.433	23.47
584675	5452975	55295.3	55264.498	30.80
584675	5453000	55280.8	55264.561	16.24
584675	5453025	55282.6	55264.619	17.98
584700	5450675	55276.9	55255.991	20.91
584700	5450700	55278.9	55256.047	22.85
584700	5450725	55276.9	55256.113	20.79
584700	5450750	55280.6	55256.187	24.41
584700	5450775	55283.4	55256.267	27.13
584700	5450800	55284.4	55256.351	28.05
584700	5450825	55282.5	55256.437	26.06
584700	5450850	55279.5	55256.526	22.97
584700	5450875	55275.9	55256.616	19.28
584700	5450900	55277.4	55256.708	20.69
584700	5450925	55276.8	55256.8	20.00
584700	5450950	55278	55256.894	21.11
584700	5450975	55283.2	55256.988	26.21
584700	5451000	55284.2	55257.082	27.12
584700	5451025	55282	55257.177	24.82
584700	5451050	55279.9	55257.273	22.63
584700	5451075	55276.4	55257.368	19.03
584700	5451100	55282	55257.464	24.54
584700	5451125	55275.9	55257.56	18.34
584700	5451150	55277.8	55257.657	20.14
584700	5451175	55281.1	55257.753	23.35
584700	5451200	55280.8	55257.85	22.95
584700	5451225	55282.3	55257.946	24.35
584700	5451250	55280.9	55258.043	22.86
584700	5451275	55285.7	55258.14	27.56
584700	5451300	55284.5	55258.237	26.26
584700	5451325	55285.8	55258.333	27.47
584700	5451350	55288.2	55258.43	29.77
584700	5451375	55278.4	55258.526	19.87

584700	5451400	55281.2	55258.623	22.58
584700	5451425	55282.5	55258.719	23.78
584700	5451450	55283.2	55258.815	24.39
584700	5451475	55286.4	55258.912	27.49
584700	5451500	55278.4	55259.007	19.39
584700	5451525	55279.9	55259.103	20.80
584700	5451550	55273.9	55259.199	14.70
584700	5451575	55271.9	55259.294	12.61
584700	5451600	55281.5	55259.39	22.11
584700	5451625	55271.9	55259.485	12.42
584700	5451650	55279.3	55259.58	19.72
584700	5451675	55281.5	55259.675	21.83
584700	5451700	55283.5	55259.769	23.73
584700	5451725	55281.5	55259.865	21.64
584700	5451750	55280.1	55259.96	20.14
584700	5451775	55279.4	55260.056	19.34
584700	5451800	55281.3	55260.152	21.15
584700	5451825	55280	55260.25	19.75
584700	5451850	55275.9	55260.35	15.55
584700	5451875	55272.6	55260.451	12.15
584700	5451900	55274.2	55260.555	13.65
584700	5451925	55272.4	55260.659	11.74
584700	5451950	55277.2	55260.764	16.44
584700	5451975	55280.3	55260.87	19.43
584700	5452000	55281.9	55260.976	20.92
584700	5452025	55279.5	55261.082	18.42
584700	5452050	55277.9	55261.187	16.71
584700	5452075	55274.8	55261.292	13.51
584700	5452100	55277.3	55261.397	15.90
584700	5452125	55275.9	55261.502	14.40
584700	5452150	55280.3	55261.606	18.69
584700	5452175	55285.9	55261.709	24.19
584700	5452200	55286.5	55261.812	24.69
584700	5452225	55286.5	55261.914	24.59
584700	5452250	55285.2	55262.016	23.18
584700	5452275	55282.7	55262.117	20.58
584700	5452300	55282.5	55262.217	20.28
584700	5452325	55282.9	55262.317	20.58
584700	5452350	55283.6	55262.416	21.18
584700	5452375	55283.7	55262.514	21.19
584700	5452400	55284.4	55262.611	21.79
584700	5452425	55283.7	55262.708	20.99
584700	5452450	55284.8	55262.804	22.00
584700	5452475	55287.3	55262.899	24.40
584700	5452500	55286.9	55262.993	23.91
584700	5452525	55286.5	55263.086	23.41
584700	5452550	55284.4	55263.178	21.22
584700	5452575	55281.5	55263.269	18.23
584700	5452600	55283.7	55263.359	20.34
584700	5452625	55281.9	55263.448	18.45
584700	5452650	55283.1	55263.536	19.56
584700	5452675	55282.8	55263.623	19.18

584700	5452700	55282.7	55263.708	18.99
584700	5452725	55283	55263.792	19.21
584700	5452750	55307.5	55263.875	43.63
584700	5452775	55331.7	55263.956	67.74
584700	5452800	55352.3	55264.036	88.26
584700	5452825	55330.3	55264.114	66.19
584700	5452850	55308.2	55264.19	44.01
584700	5452875	55296.1	55264.265	31.84
584700	5452900	55293	55264.337	28.66
584700	5452925	55292.4	55264.408	27.99
584700	5452950	55292.2	55264.476	27.72
584700	5452975	55292	55264.541	27.46
584700	5453000	55287.9	55264.602	23.30
584700	5453025	55285.9	55264.66	21.24
584725	5450675	55280.2	55256.037	24.16
584725	5450700	55282.2	55256.093	26.11
584725	5450725	55280.2	55256.157	24.04
584725	5450750	55279.6	55256.228	23.37
584725	5450775	55283.6	55256.304	27.30
584725	5450800	55283.5	55256.385	27.12
584725	5450825	55284.3	55256.469	27.83
584725	5450850	55278.1	55256.556	21.54
584725	5450875	55274.1	55256.645	17.46
584725	5450900	55277.6	55256.735	20.87
584725	5450925	55274.2	55256.826	17.37
584725	5450950	55279.3	55256.919	22.38
584725	5450975	55284.5	55257.012	27.49
584725	5451000	55285.9	55257.106	28.79
584725	5451025	55286.5	55257.201	29.30
584725	5451050	55277.8	55257.296	20.50
584725	5451075	55271.8	55257.391	14.41
584725	5451100	55274.1	55257.487	16.61
584725	5451125	55273.6	55257.583	16.02
584725	5451150	55276.5	55257.68	18.82
584725	5451175	55282.3	55257.776	24.52
584725	5451200	55285.7	55257.873	27.83
584725	5451225	55281.3	55257.97	23.33
584725	5451250	55285.3	55258.067	27.23
584725	5451275	55282.5	55258.164	24.34
584725	5451300	55288.2	55258.261	29.94
584725	5451325	55286.4	55258.358	28.04
584725	5451350	55280.8	55258.455	22.35
584725	5451375	55286.4	55258.552	27.85
584725	5451400	55281.9	55258.648	23.25
584725	5451425	55287.2	55258.745	28.46
584725	5451450	55284.9	55258.842	26.06
584725	5451475	55276.8	55258.938	17.86
584725	5451500	55280.4	55259.035	21.37
584725	5451525	55273.2	55259.131	14.07
584725	5451550	55276	55259.227	16.77
584725	5451575	55271.3	55259.323	11.98
584725	5451600	55262.3	55259.419	2.88



584725	5451625	55271.2	55259.515	11.69
584725	5451650	55278.6	55259.611	18.99
584725	5451675	55285.4	55259.706	25.69
584725	5451700	55293.3	55259.802	33.50
584725	5451725	55285	55259.898	25.10
584725	5451750	55281.4	55259.994	21.41
584725	5451775	55278.5	55260.091	18.41
584725	5451800	55280	55260.189	19.81
584725	5451825	55278.3	55260.288	18.01
584725	5451850	55274.9	55260.388	14.51
584725	5451875	55272.2	55260.49	11.71
584725	5451900	55272	55260.593	11.41
584725	5451925	55271.3	55260.697	10.60
584725	5451950	55275.9	55260.802	15.10
584725	5451975	55281.5	55260.907	20.59
584725	5452000	55280.4	55261.013	19.39
584725	5452025	55280.7	55261.118	19.58
584725	5452050	55276.2	55261.224	14.98
584725	5452075	55271.5	55261.329	10.17
584725	5452100	55272.3	55261.434	10.87
584725	5452125	55271.7	55261.539	10.16
584725	5452150	55276.9	55261.643	15.26
584725	5452175	55282.3	55261.746	20.55
584725	5452200	55281.3	55261.849	19.45
584725	5452225	55282.6	55261.952	20.65
584725	5452250	55282.8	55262.054	20.75
584725	5452275	55283.2	55262.155	21.05
584725	5452300	55284.2	55262.256	21.94
584725	5452325	55283.2	55262.356	20.84
584725	5452350	55283.1	55262.455	20.65
584725	5452375	55282.5	55262.553	19.95
584725	5452400	55282.9	55262.651	20.25
584725	5452425	55282.6	55262.748	19.85
584725	5452450	55284.6	55262.844	21.76
584725	5452475	55286.1	55262.94	23.16
584725	5452500	55288	55263.034	24.97
584725	5452525	55285.6	55263.127	22.47
584725	5452550	55282.7	55263.22	19.48
584725	5452575	55283.8	55263.311	20.49
584725	5452600	55280.4	55263.402	17.00
584725	5452625	55279.5	55263.491	16.01
584725	5452650	55284.2	55263.579	20.62
584725	5452675	55287.8	55263.666	24.13
584725	5452700	55286.5	55263.752	22.75
584725	5452725	55286.6	55263.836	22.76
584725	5452750	55293.7	55263.919	29.78
584725	5452775	55309.4	55264.001	45.40
584725	5452800	55307.8	55264.08	43.72
584725	5452825	55308.8	55264.159	44.64
584725	5452850	55290.4	55264.235	26.17
584725	5452875	55283.7	55264.309	19.39
584725	5452900	55279.7	55264.382	15.32

584725	5452925	55284.7	55264.451	20.25
584725	5452950	55293.8	55264.519	29.28
584725	5452975	55302.7	55264.583	38.12
584725	5453000	55288.8	55264.644	24.16
584725	5453025	55293.1	55264.702	28.40
584750	5450675	55281.4	55256.083	25.32
584750	5450700	55284	55256.139	27.86
584750	5450725	55281.4	55256.201	25.20
584750	5450750	55282.4	55256.27	26.13
584750	5450775	55285.3	55256.344	28.96
584750	5450800	55287.3	55256.422	30.88
584750	5450825	55284.6	55256.504	28.10
584750	5450850	55276.9	55256.589	20.31
584750	5450875	55270.5	55256.676	13.82
584750	5450900	55268.8	55256.765	12.04
584750	5450925	55271.1	55256.855	14.25
584750	5450950	55273.8	55256.947	16.85
584750	5450975	55278	55257.039	20.96
584750	5451000	55273.6	55257.132	16.47
584750	5451025	55277.7	55257.227	20.47
584750	5451050	55275.4	55257.321	18.08
584750	5451075	55273.6	55257.417	16.18
584750	5451100	55275.7	55257.512	18.19
584750	5451125	55273.6	55257.608	15.99
584750	5451150	55275.7	55257.705	18.00
584750	5451175	55277.9	55257.801	20.10
584750	5451200	55274.2	55257.898	16.30
584750	5451225	55279.7	55257.995	21.71
584750	5451250	55276	55258.092	17.91
584750	5451275	55276.4	55258.189	18.21
584750	5451300	55284.9	55258.286	26.61
584750	5451325	55272.1	55258.384	13.72
584750	5451350	55284	55258.481	25.52
584750	5451375	55280.6	55258.578	22.02
584750	5451400	55313.2	55258.675	54.53
584750	5451425	55291.3	55258.773	32.53
584750	5451450	55282	55258.87	23.13
584750	5451475	55281.2	55258.967	22.23
584750	5451500	55239.4	55259.063	-19.66
584750	5451525	55277.9	55259.16	18.74
584750	5451550	55278.6	55259.257	19.34
584750	5451575	55282.4	55259.353	23.05
584750	5451600	55287	55259.45	27.55
584750	5451625	55282.2	55259.546	22.65
584750	5451650	55276.7	55259.643	17.06
584750	5451675	55276.1	55259.739	16.36
584750	5451700	55273.3	55259.836	13.46
584750	5451725	55275.8	55259.932	15.87
584750	5451750	55277.1	55260.03	17.07
584750	5451775	55279.1	55260.127	18.97
584750	5451800	55278.4	55260.226	18.17
584750	5451825	55279.4	55260.326	19.07

584750	5451850	55275.8	55260.426	15.37
584750	5451875	55270.1	55260.528	9.57
584750	5451900	55270.3	55260.631	9.67
584750	5451925	55270	55260.735	9.27
584750	5451950	55276.9	55260.84	16.06
584750	5451975	55281	55260.945	20.06
584750	5452000	55281.4	55261.05	20.35
584750	5452025	55280.8	55261.156	19.64
584750	5452050	55275.5	55261.261	14.24
584750	5452075	55268.7	55261.366	7.33
584750	5452100	55267.6	55261.471	6.13
584750	5452125	55268.4	55261.576	6.82
584750	5452150	55275.8	55261.68	14.12
584750	5452175	55281.2	55261.784	19.42
584750	5452200	55281.4	55261.887	19.51
584750	5452225	55282.2	55261.99	20.21
584750	5452250	55281.8	55262.092	19.71
584750	5452275	55281.7	55262.194	19.51
584750	5452300	55282	55262.295	19.71
584750	5452325	55282.5	55262.395	20.11
584750	5452350	55281.7	55262.494	19.21
584750	5452375	55281.3	55262.593	18.71
584750	5452400	55281.3	55262.691	18.61
584750	5452425	55281.4	55262.789	18.61
584750	5452450	55282.8	55262.885	19.92
584750	5452475	55284.4	55262.981	21.42
584750	5452500	55281.5	55263.075	18.43
584750	5452525	55284.4	55263.169	21.23
584750	5452550	55280.7	55263.262	17.44
584750	5452575	55279.2	55263.354	15.85
584750	5452600	55278.7	55263.445	15.26
584750	5452625	55280.3	55263.534	16.77
584750	5452650	55286.9	55263.623	23.28
584750	5452675	55295.3	55263.71	31.59
584750	5452700	55297.7	55263.796	33.90
584750	5452725	55295.2	55263.88	31.32
584750	5452750	55298.7	55263.964	34.74
584750	5452775	55294.7	55264.045	30.66
584750	5452800	55295.2	55264.125	31.08
584750	5452825	55294.4	55264.203	30.20
584750	5452850	55292.8	55264.279	28.52
584750	5452875	55283.9	55264.354	19.55
584750	5452900	55285.3	55264.426	20.87
584750	5452925	55285.9	55264.495	21.41
584750	5452950	55287	55264.562	22.44
584750	5452975	55286.9	55264.626	22.27
584750	5453000	55251.4	55264.687	-13.29
584750	5453025	55287.6	55264.744	22.86
584775	5450675	55277.2	55256.129	21.07
584775	5450700	55277.3	55256.184	21.12
584775	5450725	55277.5	55256.245	21.26
584775	5450750	55278.2	55256.312	21.89

584775	5450775	55281.4	55256.385	25.02
584775	5450800	55279.2	55256.461	22.74
584775	5450825	55280.7	55256.541	24.16
584775	5450850	55277.4	55256.624	20.78
584775	5450875	55270.9	55256.709	14.19
584775	5450900	55270.8	55256.797	14.00
584775	5450925	55269.6	55256.886	12.71
584775	5450950	55278.3	55256.976	21.32
584775	5450975	55282.2	55257.068	25.13
584775	5451000	55292.5	55257.161	35.34
584775	5451025	55283.4	55257.254	26.15
584775	5451050	55280.5	55257.349	23.15
584775	5451075	55275.9	55257.444	18.46
584775	5451100	55280.4	55257.539	22.86
584775	5451125	55275.9	55257.635	18.27
584775	5451150	55278	55257.731	20.27
584775	5451175	55281.6	55257.828	23.77
584775	5451200	55287.1	55257.925	29.18
584775	5451225	55282.8	55258.022	24.78
584775	5451250	55276.7	55258.119	18.58
584775	5451275	55270.9	55258.216	12.68
584775	5451300	55266.9	55258.313	8.59
584775	5451325	55280.6	55258.411	22.19
584775	5451350	55279.3	55258.509	20.79
584775	5451375	55282.1	55258.606	23.49
584775	5451400	55315.6	55258.704	56.90
584775	5451425	55291.1	55258.801	32.30
584775	5451450	55277.5	55258.899	18.60
584775	5451475	55270.9	55258.996	11.90
584775	5451500	55271.1	55259.093	12.01
584775	5451525	55256.7	55259.19	-2.49
584775	5451550	55272.4	55259.288	13.11
584775	5451575	55279.3	55259.385	19.92
584775	5451600	55279.6	55259.482	20.12
584775	5451625	55279	55259.579	19.42
584775	5451650	55277.9	55259.676	18.22
584775	5451675	55273.5	55259.773	13.73
584775	5451700	55272.2	55259.87	12.33
584775	5451725	55272.4	55259.968	12.43
584775	5451750	55279.2	55260.066	19.13
584775	5451775	55283.2	55260.164	23.04
584775	5451800	55282.7	55260.264	22.44
584775	5451825	55283.2	55260.364	22.84
584775	5451850	55275.5	55260.465	15.04
584775	5451875	55268.5	55260.567	7.93
584775	5451900	55267.1	55260.67	6.43
584775	5451925	55268.5	55260.774	7.73
584775	5451950	55275.8	55260.878	14.92
584775	5451975	55281.6	55260.983	20.62
584775	5452000	55282.5	55261.089	21.41
584775	5452025	55281.2	55261.194	20.01
584775	5452050	55275.3	55261.299	14.00



584775	5452075	55268.1	55261.405	6.70
584775	5452100	55267.1	55261.509	5.59
584775	5452125	55267.4	55261.614	5.79
584775	5452150	55274.7	55261.718	12.98
584775	5452175	55280.4	55261.822	18.58
584775	5452200	55279.6	55261.926	17.67
584775	5452225	55280.5	55262.029	18.47
584775	5452250	55281.6	55262.131	19.47
584775	5452275	55282.7	55262.233	20.47
584775	5452300	55283.4	55262.334	21.07
584775	5452325	55282.3	55262.434	19.87
584775	5452350	55282.3	55262.534	19.77
584775	5452375	55281.7	55262.633	19.07
584775	5452400	55281.9	55262.731	19.17
584775	5452425	55281.7	55262.829	18.87
584775	5452450	55281.7	55262.926	18.77
584775	5452475	55281.5	55263.022	18.48
584775	5452500	55284.2	55263.117	21.08
584775	5452525	55282.1	55263.211	18.89
584775	5452550	55292.8	55263.304	29.50
584775	5452575	55298.6	55263.396	35.20
584775	5452600	55291.1	55263.487	27.61
584775	5452625	55294.8	55263.577	31.22
584775	5452650	55295.8	55263.666	32.13
584775	5452675	55292.9	55263.753	29.15
584775	5452700	55294	55263.84	30.16
584775	5452725	55292.6	55263.924	28.68
584775	5452750	55287.3	55264.008	23.29
584775	5452775	55283	55264.089	18.91
584775	5452800	55279.9	55264.17	15.73
584775	5452825	55281.1	55264.248	16.85
584775	5452850	55282.5	55264.324	18.18
584775	5452875	55282.3	55264.398	17.90
584775	5452900	55279.5	55264.47	15.03
584775	5452925	55283.3	55264.539	18.76
584775	5452950	55290.3	55264.606	25.69
584775	5452975	55301.3	55264.669	36.63
584775	5453000	55299.6	55264.73	34.87
584775	5453025	55289.7	55264.787	24.91
584800	5450675	55271.4	55256.174	15.23
584800	5450700	55272.8	55256.229	16.57
584800	5450725	55271.6	55256.29	15.31
584800	5450750	55273.1	55256.356	16.74
584800	5450775	55277.3	55256.426	20.87
584800	5450800	55278	55256.501	21.50
584800	5450825	55276	55256.579	19.42
584800	5450850	55274.8	55256.66	18.14
584800	5450875	55270	55256.744	13.26
584800	5450900	55265.4	55256.831	8.57
584800	5450925	55269.5	55256.919	12.58
584800	5450950	55271.4	55257.008	14.39
584800	5450975	55278.1	55257.099	21.00

584800	5451000	55270.6	55257.191	13.41
584800	5451025	55278.2	55257.284	20.92
584800	5451050	55276	55257.378	18.62
584800	5451075	55277.4	55257.472	19.93
584800	5451100	55278.1	55257.567	20.53
584800	5451125	55277.4	55257.663	19.74
584800	5451150	55280.2	55257.759	22.44
584800	5451175	55284.6	55257.856	26.74
584800	5451200	55286.7	55257.952	28.75
584800	5451225	55287.4	55258.05	29.35
584800	5451250	55296.5	55258.147	38.35
584800	5451275	55308.8	55258.244	50.56
584800	5451300	55348.6	55258.342	90.26
584800	5451325	55320.6	55258.44	62.16
584800	5451350	55295.9	55258.537	37.36
584800	5451375	55280	55258.635	21.37
584800	5451400	55270.9	55258.733	12.17
584800	5451425	55281.1	55258.831	22.27
584800	5451450	55280.5	55258.929	21.57
584800	5451475	55266.9	55259.026	7.87
584800	5451500	55256.2	55259.124	-2.92
584800	5451525	55267.9	55259.222	8.68
584800	5451550	55272.1	55259.319	12.78
584800	5451575	55279.8	55259.417	20.38
584800	5451600	55280.1	55259.515	20.59
584800	5451625	55279.8	55259.612	20.19
584800	5451650	55277.1	55259.71	17.39
584800	5451675	55273.8	55259.808	13.99
584800	5451700	55274.7	55259.906	14.79
584800	5451725	55273.8	55260.004	13.80
584800	5451750	55282.6	55260.103	22.50
584800	5451775	55295.3	55260.202	35.10
584800	5451800	55308.4	55260.302	48.10
584800	5451825	55296.4	55260.402	36.00
584800	5451850	55281.5	55260.504	21.00
584800	5451875	55268.7	55260.606	8.09
584800	5451900	55269.9	55260.709	9.19
584800	5451925	55268.3	55260.813	7.49
584800	5451950	55276.7	55260.917	15.78
584800	5451975	55283.4	55261.022	22.38
584800	5452000	55282.1	55261.127	20.97
584800	5452025	55283.6	55261.233	22.37
584800	5452050	55277.2	55261.338	15.86
584800	5452075	55267.4	55261.443	5.96
584800	5452100	55266.9	55261.548	5.35
584800	5452125	55267.1	55261.653	5.45
584800	5452150	55274.4	55261.757	12.64
584800	5452175	55279.8	55261.861	17.94
584800	5452200	55280	55261.964	18.04
584800	5452225	55280.1	55262.067	18.03
584800	5452250	55280.4	55262.17	18.23
584800	5452275	55280.9	55262.272	18.63

584800	5452300	55280.9	55262.373	18.53
584800	5452325	55281.6	55262.474	19.13
584800	5452350	55281.5	55262.574	18.93
584800	5452375	55281.8	55262.673	19.13
584800	5452400	55282.1	55262.772	19.33
584800	5452425	55281.7	55262.87	18.83
584800	5452450	55283.8	55262.967	20.83
584800	5452475	55282.8	55263.063	19.74
584800	5452500	55281.1	55263.158	17.94
584800	5452525	55281.9	55263.252	18.65
584800	5452550	55288.1	55263.346	24.75
584800	5452575	55296.3	55263.438	32.86
584800	5452600	55287.2	55263.53	23.67
584800	5452625	55291.8	55263.62	28.18
584800	5452650	55288.3	55263.709	24.59
584800	5452675	55287.2	55263.797	23.40
584800	5452700	55287.6	55263.883	23.72
584800	5452725	55288.5	55263.968	24.53
584800	5452750	55284	55264.052	19.95
584800	5452775	55279.5	55264.134	15.37
584800	5452800	55275.9	55264.214	11.69
584800	5452825	55279.8	55264.292	15.51
584800	5452850	55282.6	55264.368	18.23
584800	5452875	55281.6	55264.443	17.16
584800	5452900	55280.7	55264.514	16.19
584800	5452925	55283.1	55264.583	18.52
584800	5452950	55285.1	55264.65	20.45
584800	5452975	55282.6	55264.713	17.89
584800	5453000	55280.2	55264.773	15.43
584800	5453025	55284.4	55264.83	19.57
584825	5450675	55269.8	55256.219	13.58
584825	5450700	55268.2	55256.274	11.93
584825	5450725	55269.8	55256.334	13.47
584825	5450750	55279.4	55256.399	23.00
584825	5450775	55290.7	55256.468	34.23
584825	5450800	55288.5	55256.542	31.96
584825	5450825	55285.7	55256.619	29.08
584825	5450850	55283.6	55256.698	26.90
584825	5450875	55275.4	55256.781	18.62
584825	5450900	55271.3	55256.866	14.43
584825	5450925	55271.9	55256.953	14.95
584825	5450950	55278.9	55257.042	21.86
584825	5450975	55279.9	55257.132	22.77
584825	5451000	55283	55257.223	25.78
584825	5451025	55280.9	55257.315	23.59
584825	5451050	55280.8	55257.409	23.39
584825	5451075	55275.5	55257.503	18.00
584825	5451100	55273.8	55257.597	16.20
584825	5451125	55275.4	55257.693	17.71
584825	5451150	55278.4	55257.789	20.61
584825	5451175	55283.4	55257.885	25.52
584825	5451200	55283.9	55257.982	25.92

584825	5451225	55284.1	55258.079	26.02
584825	5451250	55286.2	55258.176	28.02
584825	5451275	55296.1	55258.274	37.83
584825	5451300	55316	55258.372	57.63
584825	5451325	55311.4	55258.469	52.93
584825	5451350	55288.3	55258.567	29.73
584825	5451375	55279	55258.665	20.34
584825	5451400	55282.4	55258.764	23.64
584825	5451425	55281.1	55258.862	22.24
584825	5451450	55281.6	55258.96	22.64
584825	5451475	55278.5	55259.058	19.44
584825	5451500	55271.2	55259.156	12.04
584825	5451525	55273.1	55259.254	13.85
584825	5451550	55277.8	55259.352	18.45
584825	5451575	55280.2	55259.45	20.75
584825	5451600	55280.7	55259.548	21.15
584825	5451625	55280.2	55259.647	20.55
584825	5451650	55283.7	55259.745	23.96
584825	5451675	55278.4	55259.843	18.56
584825	5451700	55278.6	55259.942	18.66
584825	5451725	55278.5	55260.041	18.46
584825	5451750	55284.8	55260.14	24.66
584825	5451775	55287	55260.24	26.76
584825	5451800	55283.5	55260.34	23.16
584825	5451825	55286.9	55260.441	26.46
584825	5451850	55275.4	55260.543	14.86
584825	5451875	55267.2	55260.645	6.56
584825	5451900	55267.5	55260.749	6.75
584825	5451925	55267.2	55260.852	6.35
584825	5451950	55275.9	55260.957	14.94
584825	5451975	55283.2	55261.062	22.14
584825	5452000	55284.6	55261.167	23.43
584825	5452025	55283.9	55261.272	22.63
584825	5452050	55275.5	55261.377	14.12
584825	5452075	55267.8	55261.482	6.32
584825	5452100	55269	55261.587	7.41
584825	5452125	55267.6	55261.692	5.91
584825	5452150	55274.4	55261.796	12.60
584825	5452175	55280	55261.9	18.10
584825	5452200	55279.9	55262.004	17.90
584825	5452225	55279.3	55262.107	17.19
584825	5452250	55281.1	55262.209	18.89
584825	5452275	55283.3	55262.311	20.99
584825	5452300	55283.4	55262.413	20.99
584825	5452325	55283.1	55262.514	20.59
584825	5452350	55281.7	55262.614	19.09
584825	5452375	55280.4	55262.713	17.69
584825	5452400	55280.7	55262.812	17.89
584825	5452425	55280.4	55262.91	17.49
584825	5452450	55280.5	55263.007	17.49
584825	5452475	55282.7	55263.104	19.60
584825	5452500	55278.2	55263.199	15.00

584825	5452525	55283.9	55263.294	20.61
584825	5452550	55293.6	55263.388	30.21
584825	5452575	55307.1	55263.481	43.62
584825	5452600	55316.9	55263.572	53.33
584825	5452625	55306.7	55263.663	43.04
584825	5452650	55294.7	55263.752	30.95
584825	5452675	55284.9	55263.84	21.06
584825	5452700	55284	55263.927	20.07
584825	5452725	55286.1	55264.012	22.09
584825	5452750	55280.3	55264.096	16.20
584825	5452775	55276.7	55264.178	12.52
584825	5452800	55278.6	55264.258	14.34
584825	5452825	55276.4	55264.337	12.06
584825	5452850	55279.1	55264.413	14.69
584825	5452875	55280.7	55264.487	16.21
584825	5452900	55279.5	55264.559	14.94
584825	5452925	55281.4	55264.628	16.77
584825	5452950	55284.3	55264.694	19.61
584825	5452975	55280.9	55264.758	16.14
584825	5453000	55279.6	55264.818	14.78
584825	5453025	55278.6	55264.875	13.73
584850	5450675	55269.8	55256.263	13.54
584850	5450700	55270.2	55256.318	13.88
584850	5450725	55270.6	55256.378	14.22
584850	5450750	55278.6	55256.442	22.16
584850	5450775	55283.8	55256.511	27.29
584850	5450800	55288.4	55256.583	31.82
584850	5450825	55289.1	55256.659	32.44
584850	5450850	55280.2	55256.737	23.46
584850	5450875	55278.8	55256.819	21.98
584850	5450900	55284	55256.903	27.10
584850	5450925	55277.3	55256.989	20.31
584850	5450950	55278.3	55257.076	21.22
584850	5450975	55281.6	55257.166	24.43
584850	5451000	55283.1	55257.256	25.84
584850	5451025	55282.9	55257.348	25.55
584850	5451050	55271	55257.441	13.56
584850	5451075	55257.2	55257.534	-0.33
584850	5451100	55231.3	55257.629	-26.33
584850	5451125	55257.7	55257.724	-0.02
584850	5451150	55272.1	55257.82	14.28
584850	5451175	55285	55257.916	27.08
584850	5451200	55285.9	55258.013	27.89
584850	5451225	55285.5	55258.11	27.39
584850	5451250	55283.8	55258.207	25.59
584850	5451275	55285.3	55258.305	27.00
584850	5451300	55285	55258.402	26.60
584850	5451325	55288.8	55258.5	30.30
584850	5451350	55290.5	55258.599	31.90
584850	5451375	55281.6	55258.697	22.90
584850	5451400	55284.1	55258.795	25.31
584850	5451425	55282.5	55258.894	23.61



584850	5451450	55282.4	55258.992	23.41
584850	5451475	55281.1	55259.091	22.01
584850	5451500	55286.8	55259.189	27.61
584850	5451525	55282	55259.288	22.71
584850	5451550	55279.8	55259.386	20.41
584850	5451575	55280.5	55259.485	21.02
584850	5451600	55281.9	55259.583	22.32
584850	5451625	55280.2	55259.682	20.52
584850	5451650	55280.5	55259.781	20.72
584850	5451675	55288.9	55259.879	29.02
584850	5451700	55276.6	55259.979	16.62
584850	5451725	55288.5	55260.078	28.42
584850	5451750	55281.1	55260.178	20.92
584850	5451775	55278.8	55260.278	18.52
584850	5451800	55280.4	55260.379	20.02
584850	5451825	55279.7	55260.48	19.22
584850	5451850	55274.9	55260.582	14.32
584850	5451875	55265.6	55260.685	4.92
584850	5451900	55265.3	55260.788	4.51
584850	5451925	55265.7	55260.892	4.81
584850	5451950	55273.6	55260.997	12.60
584850	5451975	55282.5	55261.101	21.40
584850	5452000	55284.3	55261.206	23.09
584850	5452025	55282.4	55261.311	21.09
584850	5452050	55275	55261.417	13.58
584850	5452075	55266.4	55261.522	4.88
584850	5452100	55265.3	55261.626	3.67
584850	5452125	55267.4	55261.731	5.67
584850	5452150	55274.3	55261.835	12.47
584850	5452175	55278.8	55261.939	16.86
584850	5452200	55279.1	55262.043	17.06
584850	5452225	55278.5	55262.146	16.35
584850	5452250	55279.9	55262.249	17.65
584850	5452275	55281.5	55262.351	19.15
584850	5452300	55282.4	55262.452	19.95
584850	5452325	55281.8	55262.553	19.25
584850	5452350	55281.1	55262.654	18.45
584850	5452375	55280	55262.753	17.25
584850	5452400	55279.7	55262.852	16.85
584850	5452425	55280	55262.951	17.05
584850	5452450	55282.6	55263.048	19.55
584850	5452475	55285.7	55263.145	22.56
584850	5452500	55297.2	55263.241	33.96
584850	5452525	55286.2	55263.336	22.86
584850	5452550	55292.3	55263.43	28.87
584850	5452575	55302.1	55263.523	38.58
584850	5452600	55306.1	55263.614	42.49
584850	5452625	55305.1	55263.705	41.40
584850	5452650	55290.8	55263.795	27.01
584850	5452675	55284.5	55263.883	20.62
584850	5452700	55285.3	55263.97	21.33
584850	5452725	55285.4	55264.056	21.34

584850	5452750	55279.7	55264.14	15.56
584850	5452775	55277.9	55264.222	13.68
584850	5452800	55277.8	55264.303	13.50
584850	5452825	55277.2	55264.381	12.82
584850	5452850	55278.3	55264.458	13.84
584850	5452875	55279.4	55264.532	14.87
584850	5452900	55280.3	55264.604	15.70
584850	5452925	55280	55264.673	15.33
584850	5452950	55284.1	55264.739	19.36
584850	5452975	55287.8	55264.803	23.00
584850	5453000	55286.7	55264.863	21.84
584850	5453025	55286.5	55264.919	21.58
584875	5450675	55269.3	55256.307	12.99
584875	5450700	55268.6	55256.362	12.24
584875	5450725	55269.5	55256.422	13.08
584875	5450750	55277.2	55256.486	20.71
584875	5450775	55289.6	55256.553	33.05
584875	5450800	55288	55256.625	31.38
584875	5450825	55288.9	55256.699	32.20
584875	5450850	55283.2	55256.777	26.42
584875	5450875	55277.4	55256.858	20.54
584875	5450900	55281.1	55256.941	24.16
584875	5450925	55276.9	55257.026	19.87
584875	5450950	55278	55257.112	20.89
584875	5450975	55281.1	55257.201	23.90
584875	5451000	55282.2	55257.291	24.91
584875	5451025	55281.3	55257.382	23.92
584875	5451050	55276.8	55257.474	19.33
584875	5451075	55265.7	55257.567	8.13
584875	5451100	55271.3	55257.661	13.64
584875	5451125	55265.8	55257.756	8.04
584875	5451150	55278.7	55257.852	20.85
584875	5451175	55286	55257.948	28.05
584875	5451200	55285.9	55258.044	27.86
584875	5451225	55285.9	55258.141	27.76
584875	5451250	55284.1	55258.239	25.86
584875	5451275	55278.7	55258.336	20.36
584875	5451300	55279.6	55258.434	21.17
584875	5451325	55278.9	55258.533	20.37
584875	5451350	55283.5	55258.631	24.87
584875	5451375	55281.3	55258.729	22.57
584875	5451400	55280.7	55258.828	21.87
584875	5451425	55282.4	55258.927	23.47
584875	5451450	55279.3	55259.026	20.27
584875	5451475	55281.7	55259.124	22.58
584875	5451500	55281.8	55259.223	22.58
584875	5451525	55281.9	55259.322	22.58
584875	5451550	55277.8	55259.421	18.38
584875	5451575	55277.5	55259.52	17.98
584875	5451600	55278.4	55259.619	18.78
584875	5451625	55278.4	55259.718	18.68
584875	5451650	55289.2	55259.817	29.38

584875	5451675	55302.8	55259.916	42.88
584875	5451700	55330.6	55260.016	70.58
584875	5451725	55302.5	55260.116	42.38
584875	5451750	55290.2	55260.216	29.98
584875	5451775	55279.2	55260.316	18.88
584875	5451800	55282.4	55260.418	21.98
584875	5451825	55280.2	55260.519	19.68
584875	5451850	55272.9	55260.621	12.28
584875	5451875	55266.6	55260.724	5.88
584875	5451900	55266.2	55260.828	5.37
584875	5451925	55265.5	55260.932	4.57
584875	5451950	55271.5	55261.036	10.46
584875	5451975	55278	55261.141	16.86
584875	5452000	55277.6	55261.246	16.35
584875	5452025	55278.8	55261.351	17.45
584875	5452050	55271.4	55261.456	9.94
584875	5452075	55266.8	55261.561	5.24
584875	5452100	55266.1	55261.666	4.43
584875	5452125	55265.3	55261.771	3.53
584875	5452150	55272.4	55261.875	10.53
584875	5452175	55275.2	55261.979	13.22
584875	5452200	55274.5	55262.083	12.42
584875	5452225	55275.3	55262.186	13.11
584875	5452250	55278.1	55262.288	15.81
584875	5452275	55281	55262.391	18.61
584875	5452300	55279.8	55262.492	17.31
584875	5452325	55281.1	55262.593	18.51
584875	5452350	55279.8	55262.694	17.11
584875	5452375	55277.7	55262.793	14.91
584875	5452400	55274.9	55262.893	12.01
584875	5452425	55277.8	55262.991	14.81
584875	5452450	55279.9	55263.089	16.81
584875	5452475	55281.4	55263.186	18.21
584875	5452500	55284.7	55263.282	21.42
584875	5452525	55282.1	55263.377	18.72
584875	5452550	55286.1	55263.471	22.63
584875	5452575	55292.4	55263.564	28.84
584875	5452600	55291.4	55263.657	27.74
584875	5452625	55291.8	55263.748	28.05
584875	5452650	55288.1	55263.837	24.26
584875	5452675	55282.7	55263.926	18.77
584875	5452700	55283.2	55264.013	19.19
584875	5452725	55282.3	55264.099	18.20
584875	5452750	55277.9	55264.183	13.72
584875	5452775	55276.9	55264.266	12.63
584875	5452800	55273.6	55264.347	9.25
584875	5452825	55276.9	55264.426	12.47
584875	5452850	55276.7	55264.502	12.20
584875	5452875	55279.9	55264.577	15.32
584875	5452900	55279.4	55264.649	14.75
584875	5452925	55279.8	55264.718	15.08
584875	5452950	55283.8	55264.785	19.02

584875	5452975	55291.5	55264.848	26.65
584875	5453000	55296.9	55264.908	31.99
584875	5453025	55291.2	55264.965	26.24
584900	5450675	55274	55256.351	17.65
584900	5450700	55273.9	55256.406	17.49
584900	5450725	55277	55256.465	20.54
584900	5450750	55279	55256.529	22.47
584900	5450775	55284.1	55256.596	27.50
584900	5450800	55283.5	55256.667	26.83
584900	5450825	55283.9	55256.741	27.16
584900	5450850	55277	55256.818	20.18
584900	5450875	55273.1	55256.897	16.20
584900	5450900	55271.3	55256.979	14.32
584900	5450925	55273	55257.063	15.94
584900	5450950	55275.3	55257.149	18.15
584900	5450975	55278	55257.237	20.76
584900	5451000	55280.9	55257.326	23.57
584900	5451025	55279.7	55257.417	22.28
584900	5451050	55272.7	55257.509	15.19
584900	5451075	55273.6	55257.602	16.00
584900	5451100	55276.8	55257.695	19.11
584900	5451125	55274.8	55257.79	17.01
584900	5451150	55276.9	55257.885	19.02
584900	5451175	55282.7	55257.981	24.72
584900	5451200	55283.4	55258.077	25.32
584900	5451225	55282.9	55258.174	24.73
584900	5451250	55280.2	55258.272	21.93
584900	5451275	55273.1	55258.369	14.73
584900	5451300	55270.4	55258.467	11.93
584900	5451325	55273.3	55258.566	14.73
584900	5451350	55279.2	55258.664	20.54
584900	5451375	55281.5	55258.763	22.74
584900	5451400	55284.4	55258.862	25.54
584900	5451425	55281.2	55258.961	22.24
584900	5451450	55280.6	55259.06	21.54
584900	5451475	55279.2	55259.159	20.04
584900	5451500	55278.1	55259.258	18.84
584900	5451525	55279	55259.357	19.64
584900	5451550	55281.6	55259.457	22.14
584900	5451575	55281.3	55259.556	21.74
584900	5451600	55284	55259.655	24.35
584900	5451625	55282.8	55259.755	23.05
584900	5451650	55282.7	55259.854	22.85
584900	5451675	55283.1	55259.954	23.15
584900	5451700	55290.2	55260.054	30.15
584900	5451725	55282.8	55260.154	22.65
584900	5451750	55280	55260.255	19.75
584900	5451775	55277	55260.355	16.65
584900	5451800	55280.3	55260.457	19.84
584900	5451825	55277.4	55260.559	16.84
584900	5451850	55274.7	55260.661	14.04
584900	5451875	55270.3	55260.764	9.54

584900	5451900	55270.8	55260.868	9.93
584900	5451925	55272.6	55260.972	11.63
584900	5451950	55276.5	55261.076	15.42
584900	5451975	55278.9	55261.181	17.72
584900	5452000	55279.3	55261.286	18.01
584900	5452025	55278.2	55261.391	16.81
584900	5452050	55273.6	55261.496	12.10
584900	5452075	55268.6	55261.601	7.00
584900	5452100	55268.4	55261.706	6.69
584900	5452125	55272.9	55261.811	11.09
584900	5452150	55275.5	55261.915	13.59
584900	5452175	55276.3	55262.019	14.28
584900	5452200	55275.7	55262.122	13.58
584900	5452225	55276.3	55262.226	14.07
584900	5452250	55279.7	55262.328	17.37
584900	5452275	55279.8	55262.43	17.37
584900	5452300	55278.8	55262.532	16.27
584900	5452325	55278.8	55262.633	16.17
584900	5452350	55280.9	55262.734	18.17
584900	5452375	55280.4	55262.834	17.57
584900	5452400	55282.1	55262.933	19.17
584900	5452425	55280.1	55263.031	17.07
584900	5452450	55280.6	55263.129	17.47
584900	5452475	55281.2	55263.226	17.97
584900	5452500	55283.1	55263.323	19.78
584900	5452525	55281.8	55263.418	18.38
584900	5452550	55287.9	55263.512	24.39
584900	5452575	55288.7	55263.606	25.09
584900	5452600	55286.6	55263.698	22.90
584900	5452625	55287.4	55263.79	23.61
584900	5452650	55285	55263.88	21.12
584900	5452675	55279.9	55263.969	15.93
584900	5452700	55275.9	55264.056	11.84
584900	5452725	55280.6	55264.142	16.46
584900	5452750	55282.2	55264.227	17.97
584900	5452775	55277.8	55264.31	13.49
584900	5452800	55279.1	55264.391	14.71
584900	5452825	55277.2	55264.47	12.73
584900	5452850	55279.3	55264.547	14.75
584900	5452875	55278.6	55264.622	13.98
584900	5452900	55276.6	55264.694	11.91
584900	5452925	55283	55264.764	18.24
584900	5452950	55286.5	55264.831	21.67
584900	5452975	55289.8	55264.894	24.91
584900	5453000	55290.8	55264.954	25.85
584900	5453025	55287.2	55265.011	22.19
584925	5450675	55277.9	55256.394	21.51
584925	5450700	55278.6	55256.449	22.15
584925	5450725	55280.4	55256.508	23.89
584925	5450750	55280.1	55256.571	23.53
584925	5450775	55282.6	55256.638	25.96
584925	5450800	55287.4	55256.709	30.69



584925	5450825	55278.9	55256.782	22.12
584925	5450850	55274.2	55256.858	17.34
584925	5450875	55272.8	55256.937	15.86
584925	5450900	55271.1	55257.018	14.08
584925	5450925	55274.1	55257.102	17.00
584925	5450950	55273.6	55257.187	16.41
584925	5450975	55275.8	55257.274	18.53
584925	5451000	55280.4	55257.363	23.04
584925	5451025	55275.1	55257.453	17.65
584925	5451050	55271	55257.544	13.46
584925	5451075	55271.7	55257.637	14.06
584925	5451100	55271.3	55257.73	13.57
584925	5451125	55277.4	55257.824	19.58
584925	5451150	55280.5	55257.919	22.58
584925	5451175	55280	55258.015	21.99
584925	5451200	55279.3	55258.111	21.19
584925	5451225	55282.6	55258.208	24.39
584925	5451250	55282.6	55258.306	24.29
584925	5451275	55277	55258.403	18.60
584925	5451300	55268.7	55258.501	10.20
584925	5451325	55276.4	55258.6	17.80
584925	5451350	55282	55258.698	23.30
584925	5451375	55281.8	55258.797	23.00
584925	5451400	55279.1	55258.896	20.20
584925	5451425	55279.2	55258.996	20.20
584925	5451450	55278.6	55259.095	19.51
584925	5451475	55279.1	55259.194	19.91
584925	5451500	55279.8	55259.294	20.51
584925	5451525	55278	55259.394	18.61
584925	5451550	55281.2	55259.493	21.71
584925	5451575	55283	55259.593	23.41
584925	5451600	55286.2	55259.693	26.51
584925	5451625	55283.7	55259.792	23.91
584925	5451650	55282.5	55259.892	22.61
584925	5451675	55282.6	55259.992	22.61
584925	5451700	55283.9	55260.093	23.81
584925	5451725	55281.9	55260.193	21.71
584925	5451750	55280.7	55260.294	20.41
584925	5451775	55278.2	55260.395	17.81
584925	5451800	55274.5	55260.496	14.00
584925	5451825	55276.7	55260.598	16.10
584925	5451850	55277.3	55260.701	16.60
584925	5451875	55274.4	55260.804	13.60
584925	5451900	55269.2	55260.908	8.29
584925	5451925	55275.6	55261.012	14.59
584925	5451950	55281.1	55261.117	19.98
584925	5451975	55282.3	55261.222	21.08
584925	5452000	55275.3	55261.327	13.97
584925	5452025	55279.4	55261.432	17.97
584925	5452050	55276.3	55261.537	14.76
584925	5452075	55270.1	55261.642	8.46
584925	5452100	55266.7	55261.746	4.95

584925	5452125	55276.4	55261.851	14.55
584925	5452150	55279.9	55261.955	17.95
584925	5452175	55279	55262.059	16.94
584925	5452200	55276.5	55262.162	14.34
584925	5452225	55280.1	55262.265	17.84
584925	5452250	55283.5	55262.368	21.13
584925	5452275	55282	55262.47	19.53
584925	5452300	55280.4	55262.572	17.83
584925	5452325	55282.4	55262.673	19.73
584925	5452350	55284.4	55262.774	21.63
584925	5452375	55283.5	55262.874	20.63
584925	5452400	55281	55262.973	18.03
584925	5452425	55281.7	55263.072	18.63
584925	5452450	55280.3	55263.17	17.13
584925	5452475	55279.5	55263.267	16.23
584925	5452500	55275.2	55263.363	11.84
584925	5452525	55277.7	55263.459	14.24
584925	5452550	55291.8	55263.553	28.25
584925	5452575	55291.8	55263.647	28.15
584925	5452600	55283.4	55263.74	19.66
584925	5452625	55286.3	55263.832	22.47
584925	5452650	55284.6	55263.922	20.68
584925	5452675	55280.4	55264.011	16.39
584925	5452700	55276.7	55264.099	12.60
584925	5452725	55283.6	55264.185	19.42
584925	5452750	55286	55264.27	21.73
584925	5452775	55278.4	55264.353	14.05
584925	5452800	55272	55264.435	7.57
584925	5452825	55281.7	55264.514	17.19
584925	5452850	55280.2	55264.592	15.61
584925	5452875	55274.1	55264.667	9.43
584925	5452900	55269.6	55264.74	4.86
584925	5452925	55289.8	55264.81	24.99
584925	5452950	55294.8	55264.877	29.92
584925	5452975	55287.3	55264.941	22.36
584925	5453000	55277.8	55265.001	12.80
584925	5453025	55286.2	55265.058	21.14
584950	5450675	55276.5	55256.436	20.06
584950	5450700	55279.4	55256.491	22.91
584950	5450725	55278.3	55256.551	21.75
584950	5450750	55282.2	55256.614	25.59
584950	5450775	55279.3	55256.681	22.62
584950	5450800	55282	55256.751	25.25
584950	5450825	55276.1	55256.823	19.28
584950	5450850	55272.3	55256.899	15.40
584950	5450875	55273	55256.978	16.02
584950	5450900	55272.5	55257.058	15.44
584950	5450925	55274.2	55257.141	17.06
584950	5450950	55272.9	55257.226	15.67
584950	5450975	55272.5	55257.312	15.19
584950	5451000	55271.2	55257.401	13.80
584950	5451025	55265.8	55257.49	8.31

584950	5451050	55269.7	55257.581	12.12
584950	5451075	55273.8	55257.673	16.13
584950	5451100	55276.7	55257.766	18.93
584950	5451125	55281.6	55257.86	23.74
584950	5451150	55278.4	55257.955	20.45
584950	5451175	55278.7	55258.05	20.65
584950	5451200	55282	55258.146	23.85
584950	5451225	55284.9	55258.243	26.66
584950	5451250	55289.6	55258.341	31.26
584950	5451275	55282.6	55258.438	24.16
584950	5451300	55273.4	55258.536	14.86
584950	5451325	55281.6	55258.635	22.97
584950	5451350	55284	55258.734	25.27
584950	5451375	55283.6	55258.833	24.77
584950	5451400	55280.6	55258.932	21.67
584950	5451425	55276.6	55259.031	17.57
584950	5451450	55276.8	55259.131	17.67
584950	5451475	55281.5	55259.231	22.27
584950	5451500	55277.1	55259.331	17.77
584950	5451525	55276.7	55259.43	17.27
584950	5451550	55278.8	55259.53	19.27
584950	5451575	55283.5	55259.63	23.87
584950	5451600	55284.3	55259.731	24.57
584950	5451625	55282.5	55259.831	22.67
584950	5451650	55283.5	55259.931	23.57
584950	5451675	55283.4	55260.031	23.37
584950	5451700	55280.7	55260.132	20.57
584950	5451725	55281.4	55260.232	21.17
584950	5451750	55281.5	55260.333	21.17
584950	5451775	55279.8	55260.434	19.37
584950	5451800	55271.1	55260.536	10.56
584950	5451825	55276.6	55260.638	15.96
584950	5451850	55278.3	55260.74	17.56
584950	5451875	55277	55260.844	16.16
584950	5451900	55265.6	55260.948	4.65
584950	5451925	55278.2	55261.052	17.15
584950	5451950	55282.2	55261.157	21.04
584950	5451975	55289	55261.262	27.74
584950	5452000	55271	55261.367	9.63
584950	5452025	55282.5	55261.472	21.03
584950	5452050	55279.8	55261.577	18.22
584950	5452075	55281.1	55261.682	19.42
584950	5452100	55284.3	55261.787	22.51
584950	5452125	55282	55261.891	20.11
584950	5452150	55281.7	55261.995	19.71
584950	5452175	55280.6	55262.099	18.50
584950	5452200	55275.9	55262.202	13.70
584950	5452225	55284.7	55262.305	22.40
584950	5452250	55286.5	55262.408	24.09
584950	5452275	55285.5	55262.51	22.99
584950	5452300	55283.3	55262.612	20.69
584950	5452325	55285.7	55262.713	22.99

584950	5452350	55286.6	55262.813	23.79
584950	5452375	55288.6	55262.913	25.69
584950	5452400	55285.6	55263.013	22.59
584950	5452425	55284.3	55263.111	21.19
584950	5452450	55279.3	55263.21	16.09
584950	5452475	55280.2	55263.307	16.89
584950	5452500	55274.7	55263.404	11.30
584950	5452525	55269.5	55263.499	6.00
584950	5452550	55294.2	55263.594	30.61
584950	5452575	55300.8	55263.688	37.11
584950	5452600	55295	55263.781	31.22
584950	5452625	55287.7	55263.873	23.83
584950	5452650	55285.4	55263.964	21.44
584950	5452675	55280.8	55264.053	16.75
584950	5452700	55280.9	55264.141	16.76
584950	5452725	55289.2	55264.228	24.97
584950	5452750	55289.5	55264.313	25.19
584950	5452775	55285.6	55264.397	21.20
584950	5452800	55281	55264.478	16.52
584950	5452825	55301.1	55264.558	36.54
584950	5452850	55281.6	55264.636	16.96
584950	5452875	55272.9	55264.712	8.19
584950	5452900	55275.6	55264.785	10.82
584950	5452925	55323.3	55264.856	58.44
584950	5452950	55294.3	55264.923	29.38
584950	5452975	55288.9	55264.988	23.91
584950	5453000	55284.3	55265.048	19.25
584950	5453025	55289.2	55265.105	24.10
584975	5450675	55275	55256.478	18.52
584975	5450700	55274.6	55256.533	18.07
584975	5450725	55279.7	55256.593	23.11
584975	5450750	55278.8	55256.656	22.14
584975	5450775	55281.9	55256.723	25.18
584975	5450800	55283	55256.793	26.21
584975	5450825	55279.7	55256.865	22.84
584975	5450850	55272.3	55256.941	15.36
584975	5450875	55271.7	55257.018	14.68
584975	5450900	55271.1	55257.099	14.00
584975	5450925	55272.1	55257.181	14.92
584975	5450950	55272.5	55257.265	15.24
584975	5450975	55276.4	55257.351	19.05
584975	5451000	55281.6	55257.439	24.16
584975	5451025	55273.5	55257.528	15.97
584975	5451050	55270	55257.618	12.38
584975	5451075	55269.6	55257.71	11.89
584975	5451100	55267.8	55257.803	10.00
584975	5451125	55276.4	55257.896	18.50
584975	5451150	55279.3	55257.991	21.31
584975	5451175	55278	55258.086	19.91
584975	5451200	55277.1	55258.182	18.92
584975	5451225	55280.5	55258.279	22.22
584975	5451250	55282.3	55258.376	23.92

584975	5451275	55278.3	55258.474	19.83
584975	5451300	55279.6	55258.572	21.03
584975	5451325	55277.2	55258.671	18.53
584975	5451350	55281.1	55258.77	22.33
584975	5451375	55281.1	55258.869	22.23
584975	5451400	55279.4	55258.968	20.43
584975	5451425	55278.5	55259.068	19.43
584975	5451450	55278.3	55259.168	19.13
584975	5451475	55278.2	55259.268	18.93
584975	5451500	55276.7	55259.368	17.33
584975	5451525	55277.4	55259.468	17.93
584975	5451550	55280.8	55259.568	21.23
584975	5451575	55282	55259.669	22.33
584975	5451600	55281.8	55259.769	22.03
584975	5451625	55282.4	55259.87	22.53
584975	5451650	55283.1	55259.97	23.13
584975	5451675	55281.2	55260.071	21.13
584975	5451700	55279.5	55260.171	19.33
584975	5451725	55279.8	55260.272	19.53
584975	5451750	55279.4	55260.373	19.03
584975	5451775	55276.5	55260.474	16.03
584975	5451800	55272.6	55260.576	12.02
584975	5451825	55274.8	55260.678	14.12
584975	5451850	55275.9	55260.78	15.12
584975	5451875	55270.7	55260.884	9.82
584975	5451900	55264.5	55260.988	3.51
584975	5451925	55271.1	55261.093	10.01
584975	5451950	55278.4	55261.198	17.20
584975	5451975	55279.7	55261.303	18.40
584975	5452000	55272.3	55261.408	10.89
584975	5452025	55277.7	55261.513	16.19
584975	5452050	55278.3	55261.618	16.68
584975	5452075	55280.8	55261.723	19.08
584975	5452100	55281.1	55261.827	19.27
584975	5452125	55281.9	55261.931	19.97
584975	5452150	55280.6	55262.035	18.57
584975	5452175	55277.8	55262.139	15.66
584975	5452200	55274.7	55262.242	12.46
584975	5452225	55278.9	55262.345	16.56
584975	5452250	55283.5	55262.447	21.05
584975	5452275	55284.5	55262.549	21.95
584975	5452300	55280.4	55262.651	17.75
584975	5452325	55284.7	55262.752	21.95
584975	5452350	55285.8	55262.853	22.95
584975	5452375	55283.5	55262.953	20.55
584975	5452400	55278.3	55263.052	15.25
584975	5452425	55281.2	55263.151	18.05
584975	5452450	55280.9	55263.249	17.65
584975	5452475	55277.2	55263.347	13.85
584975	5452500	55269.7	55263.444	6.26
584975	5452525	55273.5	55263.54	9.96
584975	5452550	55290	55263.635	26.37



584975	5452575	55292	55263.729	28.27
584975	5452600	55286.1	55263.822	22.28
584975	5452625	55285.9	55263.914	21.99
584975	5452650	55283.7	55264.005	19.70
584975	5452675	55275	55264.095	10.91
584975	5452700	55264.5	55264.183	0.32
584975	5452725	55276.7	55264.27	12.43
584975	5452750	55285	55264.356	20.64
584975	5452775	55284.1	55264.44	19.66
584975	5452800	55280.4	55264.522	15.88
584975	5452825	55286.7	55264.602	22.10
584975	5452850	55283.3	55264.68	18.62
584975	5452875	55277.9	55264.756	13.14
584975	5452900	55279.3	55264.83	14.47
584975	5452925	55289.6	55264.901	24.70
584975	5452950	55288.5	55264.97	23.53
584975	5452975	55285.5	55265.035	20.47
584975	5453000	55283.4	55265.096	18.30
584975	5453025	55284.3	55265.153	19.15
585000	5450675	55274.3	55256.519	17.78
585000	5450700	55274.6	55256.575	18.03
585000	5450725	55277.3	55256.635	20.67
585000	5450750	55280.8	55256.698	24.10
585000	5450775	55281.7	55256.765	24.94
585000	5450800	55282.2	55256.835	25.37
585000	5450825	55281.6	55256.907	24.69
585000	5450850	55275.6	55256.982	18.62
585000	5450875	55269	55257.059	11.94
585000	5450900	55269.1	55257.139	11.96
585000	5450925	55268.9	55257.221	11.68
585000	5450950	55277.5	55257.305	20.20
585000	5450975	55283	55257.39	25.61
585000	5451000	55281.8	55257.478	24.32
585000	5451025	55285.6	55257.566	28.03
585000	5451050	55275.7	55257.656	18.04
585000	5451075	55266.7	55257.748	8.95
585000	5451100	55266.4	55257.84	8.56
585000	5451125	55271	55257.934	13.07
585000	5451150	55275.5	55258.028	17.47
585000	5451175	55276.5	55258.123	18.38
585000	5451200	55276.4	55258.219	18.18
585000	5451225	55277.2	55258.316	18.88
585000	5451250	55276	55258.413	17.59
585000	5451275	55271.2	55258.51	12.69
585000	5451300	55269.8	55258.609	11.19
585000	5451325	55272	55258.707	13.29
585000	5451350	55276.5	55258.806	17.69
585000	5451375	55279.1	55258.906	20.19
585000	5451400	55279.9	55259.005	20.90
585000	5451425	55278.3	55259.105	19.20
585000	5451450	55278	55259.205	18.80
585000	5451475	55278.2	55259.305	18.90

585000	5451500	55276.5	55259.406	17.09
585000	5451525	55277.7	55259.506	18.19
585000	5451550	55278.9	55259.607	19.29
585000	5451575	55278.9	55259.708	19.19
585000	5451600	55281.8	55259.808	21.99
585000	5451625	55279.2	55259.909	19.29
585000	5451650	55279.9	55260.01	19.89
585000	5451675	55277.8	55260.111	17.69
585000	5451700	55275.8	55260.212	15.59
585000	5451725	55277.9	55260.313	17.59
585000	5451750	55277.7	55260.414	17.29
585000	5451775	55275.9	55260.515	15.39
585000	5451800	55275.2	55260.616	14.58
585000	5451825	55275.4	55260.718	14.68
585000	5451850	55273.4	55260.82	12.58
585000	5451875	55268	55260.924	7.08
585000	5451900	55265.5	55261.029	4.47
585000	5451925	55267.2	55261.134	6.07
585000	5451950	55274.6	55261.239	13.36
585000	5451975	55278.2	55261.344	16.86
585000	5452000	55283.4	55261.449	21.95
585000	5452025	55278.5	55261.554	16.95
585000	5452050	55278.7	55261.659	17.04
585000	5452075	55280.4	55261.763	18.64
585000	5452100	55280.3	55261.868	18.43
585000	5452125	55280.7	55261.972	18.73
585000	5452150	55278.3	55262.075	16.23
585000	5452175	55274.4	55262.179	12.22
585000	5452200	55273.4	55262.282	11.12
585000	5452225	55273.8	55262.385	11.42
585000	5452250	55281.4	55262.487	18.91
585000	5452275	55285.9	55262.589	23.31
585000	5452300	55286	55262.69	23.31
585000	5452325	55286.1	55262.791	23.31
585000	5452350	55288.4	55262.892	25.51
585000	5452375	55292.1	55262.992	29.11
585000	5452400	55284.6	55263.092	21.51
585000	5452425	55291	55263.19	27.81
585000	5452450	55281.2	55263.289	17.91
585000	5452475	55272.7	55263.386	9.31
585000	5452500	55269.5	55263.483	6.02
585000	5452525	55271.8	55263.579	8.22
585000	5452550	55284.5	55263.675	20.83
585000	5452575	55288.1	55263.769	24.33
585000	5452600	55285.3	55263.862	21.44
585000	5452625	55287.2	55263.955	23.25
585000	5452650	55279.8	55264.046	15.75
585000	5452675	55268	55264.136	3.86
585000	5452700	55265.2	55264.225	0.98
585000	5452725	55265.3	55264.312	0.99
585000	5452750	55277.2	55264.398	12.80
585000	5452775	55279.9	55264.482	15.42

585000	5452800	55273.9	55264.564	9.34
585000	5452825	55279.7	55264.645	15.06
585000	5452850	55278.9	55264.724	14.18
585000	5452875	55278.9	55264.8	14.10
585000	5452900	55277.1	55264.875	12.23
585000	5452925	55282.3	55264.946	17.35
585000	5452950	55284.2	55265.016	19.18
585000	5452975	55286	55265.082	20.92
585000	5453000	55285.5	55265.144	20.36
585000	5453025	55285.8	55265.201	20.60
585025	5450675	55274.3	55256.56	17.74
585025	5450700	55274.3	55256.616	17.68
585025	5450725	55274.9	55256.677	18.22
585025	5450750	55279.6	55256.741	22.86
585025	5450775	55286.4	55256.807	29.59
585025	5450800	55285.5	55256.877	28.62
585025	5450825	55286.6	55256.949	29.65
585025	5450850	55269.2	55257.024	12.18
585025	5450875	55266.4	55257.101	9.30
585025	5450900	55267.4	55257.18	10.22
585025	5450925	55266.4	55257.262	9.14
585025	5450950	55271.2	55257.345	13.86
585025	5450975	55281.7	55257.43	24.27
585025	5451000	55276	55257.517	18.48
585025	5451025	55276.3	55257.605	18.70
585025	5451050	55273.1	55257.695	15.41
585025	5451075	55268.1	55257.786	10.31
585025	5451100	55267.6	55257.878	9.72
585025	5451125	55268.6	55257.971	10.63
585025	5451150	55273.1	55258.066	15.03
585025	5451175	55276.6	55258.161	18.44
585025	5451200	55278.4	55258.256	20.14
585025	5451225	55276.4	55258.353	18.05
585025	5451250	55273	55258.45	14.55
585025	5451275	55269	55258.548	10.45
585025	5451300	55269.9	55258.646	11.25
585025	5451325	55269	55258.745	10.26
585025	5451350	55274.9	55258.844	16.06
585025	5451375	55278.8	55258.943	19.86
585025	5451400	55276.7	55259.043	17.66
585025	5451425	55277.6	55259.143	18.46
585025	5451450	55277.8	55259.243	18.56
585025	5451475	55278.6	55259.344	19.26
585025	5451500	55281.3	55259.444	21.86
585025	5451525	55278.8	55259.545	19.26
585025	5451550	55275.7	55259.646	16.05
585025	5451575	55274.3	55259.747	14.55
585025	5451600	55273.7	55259.848	13.85
585025	5451625	55274.3	55259.949	14.35
585025	5451650	55275.6	55260.05	15.55
585025	5451675	55277.1	55260.152	16.95
585025	5451700	55276.8	55260.253	16.55

585025	5451725	55276.6	55260.354	16.25
585025	5451750	55275.7	55260.455	15.25
585025	5451775	55273.6	55260.556	13.04
585025	5451800	55270.2	55260.657	9.54
585025	5451825	55273.6	55260.758	12.84
585025	5451850	55270.8	55260.86	9.94
585025	5451875	55266.9	55260.964	5.94
585025	5451900	55266.4	55261.07	5.33
585025	5451925	55266.3	55261.175	5.13
585025	5451950	55269.8	55261.28	8.52
585025	5451975	55276	55261.386	14.61
585025	5452000	55274.4	55261.491	12.91
585025	5452025	55275.7	55261.595	14.11
585025	5452050	55277.6	55261.7	15.90
585025	5452075	55282.5	55261.804	20.70
585025	5452100	55282.9	55261.908	20.99
585025	5452125	55282.5	55262.012	20.49
585025	5452150	55277.9	55262.116	15.78
585025	5452175	55272.7	55262.219	10.48
585025	5452200	55274.7	55262.322	12.38
585025	5452225	55273.2	55262.424	10.78
585025	5452250	55270.2	55262.526	7.67
585025	5452275	55265.9	55262.628	3.27
585025	5452300	55254.4	55262.729	-8.33
585025	5452325	55265.4	55262.83	2.57
585025	5452350	55290	55262.931	27.07
585025	5452375	55318.2	55263.031	55.17
585025	5452400	55321.6	55263.13	58.47
585025	5452425	55317.8	55263.229	54.57
585025	5452450	55299.3	55263.328	35.97
585025	5452475	55282.6	55263.425	19.18
585025	5452500	55286.2	55263.522	22.68
585025	5452525	55282.3	55263.618	18.68
585025	5452550	55287.4	55263.714	23.69
585025	5452575	55294.3	55263.808	30.49
585025	5452600	55295.1	55263.902	31.20
585025	5452625	55294.1	55263.995	30.11
585025	5452650	55279.9	55264.086	15.81
585025	5452675	55263	55264.177	-1.18
585025	5452700	55255.5	55264.266	-8.77
585025	5452725	55264.1	55264.353	-0.25
585025	5452750	55272.9	55264.439	8.46
585025	5452775	55281.9	55264.524	17.38
585025	5452800	55282.9	55264.607	18.29
585025	5452825	55282.1	55264.688	17.41
585025	5452850	55283.3	55264.767	18.53
585025	5452875	55282.3	55264.844	17.46
585025	5452900	55284.2	55264.918	19.28
585025	5452925	55282.1	55264.991	17.11
585025	5452950	55286.4	55265.061	21.34
585025	5452975	55287.4	55265.128	22.27
585025	5453000	55291.2	55265.192	26.01

585025	5453025	55288.7	55265.25	23.45
585050	5450675	55272.3	55256.6	15.70
585050	5450700	55271.1	55256.658	14.44
585050	5450725	55273	55256.719	16.28
585050	5450750	55284.3	55256.783	27.52
585050	5450775	55297.9	55256.85	41.05
585050	5450800	55301.5	55256.919	44.58
585050	5450825	55296.9	55256.991	39.91
585050	5450850	55281.5	55257.065	24.44
585050	5450875	55269.8	55257.142	12.66
585050	5450900	55269.9	55257.221	12.68
585050	5450925	55269.8	55257.302	12.50
585050	5450950	55275.6	55257.385	18.22
585050	5450975	55277.9	55257.47	20.43
585050	5451000	55274.9	55257.557	17.34
585050	5451025	55279.3	55257.645	21.66
585050	5451050	55275.3	55257.734	17.57
585050	5451075	55274.3	55257.825	16.48
585050	5451100	55274.7	55257.917	16.78
585050	5451125	55274.6	55258.01	16.59
585050	5451150	55273.2	55258.104	15.10
585050	5451175	55273.3	55258.199	15.10
585050	5451200	55272.9	55258.294	14.61
585050	5451225	55273.2	55258.391	14.81
585050	5451250	55270.2	55258.488	11.71
585050	5451275	55267.3	55258.586	8.71
585050	5451300	55267.2	55258.684	8.52
585050	5451325	55267.3	55258.782	8.52
585050	5451350	55272.7	55258.882	13.82
585050	5451375	55276.4	55258.981	17.42
585050	5451400	55277	55259.081	17.92
585050	5451425	55277.2	55259.181	18.02
585050	5451450	55275.7	55259.282	16.42
585050	5451475	55276.7	55259.383	17.32
585050	5451500	55275.2	55259.484	15.72
585050	5451525	55276	55259.585	16.42
585050	5451550	55274.9	55259.686	15.21
585050	5451575	55273.1	55259.787	13.31
585050	5451600	55273.5	55259.889	13.61
585050	5451625	55273	55259.99	13.01
585050	5451650	55273.8	55260.091	13.71
585050	5451675	55275.3	55260.193	15.11
585050	5451700	55274.2	55260.294	13.91
585050	5451725	55274.5	55260.396	14.10
585050	5451750	55275.8	55260.497	15.30
585050	5451775	55276.5	55260.598	15.90
585050	5451800	55277.9	55260.699	17.20
585050	5451825	55276.6	55260.799	15.80
585050	5451850	55273.5	55260.9	12.60
585050	5451875	55268.8	55261.006	7.79
585050	5451900	55267.4	55261.112	6.29
585050	5451925	55268.4	55261.217	7.18

585050	5451950	55272.5	55261.323	11.18
585050	5451975	55275.8	55261.428	14.37
585050	5452000	55275.5	55261.532	13.97
585050	5452025	55275.8	55261.637	14.16
585050	5452050	55278.9	55261.741	17.16
585050	5452075	55281.6	55261.845	19.76
585050	5452100	55281	55261.949	19.05
585050	5452125	55281.8	55262.053	19.75
585050	5452150	55278.3	55262.156	16.14
585050	5452175	55274.3	55262.259	12.04
585050	5452200	55273.9	55262.361	11.54
585050	5452225	55274.3	55262.464	11.84
585050	5452250	55274.2	55262.565	11.64
585050	5452275	55267.5	55262.667	4.83
585050	5452300	55268.5	55262.768	5.73
585050	5452325	55268.2	55262.869	5.33
585050	5452350	55292.5	55262.969	29.53
585050	5452375	55316.6	55263.069	53.53
585050	5452400	55327.7	55263.169	64.53
585050	5452425	55318.1	55263.268	54.83
585050	5452450	55296.7	55263.366	33.33
585050	5452475	55286.7	55263.464	23.24
585050	5452500	55288.9	55263.561	25.34
585050	5452525	55286.7	55263.657	23.04
585050	5452550	55287.1	55263.753	23.35
585050	5452575	55293.4	55263.848	29.55
585050	5452600	55296.5	55263.941	32.56
585050	5452625	55293.4	55264.034	29.37
585050	5452650	55282.8	55264.126	18.67
585050	5452675	55272.1	55264.217	7.88
585050	5452700	55276.9	55264.306	12.59
585050	5452725	55269.9	55264.394	5.51
585050	5452750	55276.9	55264.48	12.42
585050	5452775	55284.2	55264.565	19.64
585050	5452800	55283.1	55264.648	18.45
585050	5452825	55284.2	55264.73	19.47
585050	5452850	55281.2	55264.809	16.39
585050	5452875	55280	55264.886	15.11
585050	5452900	55281.2	55264.961	16.24
585050	5452925	55280.6	55265.034	15.57
585050	5452950	55282.6	55265.104	17.50
585050	5452975	55290.2	55265.172	25.03
585050	5453000	55283.2	55265.237	17.96
585050	5453025	55290.7	55265.3	25.40
585075	5450675	55272.5	55256.644	15.86
585075	5450700	55272.8	55256.701	16.10
585075	5450725	55273.4	55256.762	16.64
585075	5450750	55278.1	55256.825	21.28
585075	5450775	55285.1	55256.892	28.21
585075	5450800	55284	55256.961	27.04
585075	5450825	55285.3	55257.033	28.27
585075	5450850	55283.6	55257.107	26.49



585075	5450875	55275.8	55257.184	18.62
585075	5450900	55273.4	55257.263	16.14
585075	5450925	55275.8	55257.343	18.46
585075	5450950	55276.7	55257.426	19.27
585075	5450975	55272.3	55257.511	14.79
585075	5451000	55280	55257.597	22.40
585075	5451025	55275.6	55257.685	17.92
585075	5451050	55275.7	55257.774	17.93
585075	5451075	55275	55257.864	17.14
585075	5451100	55276.2	55257.956	18.24
585075	5451125	55275.4	55258.049	17.35
585075	5451150	55273.5	55258.143	15.36
585075	5451175	55272.5	55258.237	14.26
585075	5451200	55271.3	55258.333	12.97
585075	5451225	55272.1	55258.429	13.67
585075	5451250	55269.4	55258.526	10.87
585075	5451275	55265.3	55258.624	6.68
585075	5451300	55265	55258.722	6.28
585075	5451325	55265.3	55258.821	6.48
585075	5451350	55270	55258.92	11.08
585075	5451375	55276.6	55259.02	17.58
585075	5451400	55277.3	55259.12	18.18
585075	5451425	55275	55259.22	15.78
585075	5451450	55273.7	55259.321	14.38
585075	5451475	55271	55259.422	11.58
585075	5451500	55268	55259.523	8.48
585075	5451525	55271.1	55259.625	11.48
585075	5451550	55271.4	55259.726	11.67
585075	5451575	55271.5	55259.828	11.67
585075	5451600	55268.9	55259.93	8.97
585075	5451625	55270.8	55260.031	10.77
585075	5451650	55272.1	55260.133	11.97
585075	5451675	55271.8	55260.235	11.57
585075	5451700	55272	55260.336	11.66
585075	5451725	55272.9	55260.438	12.46
585075	5451750	55277.4	55260.539	16.86
585075	5451775	55284.8	55260.641	24.16
585075	5451800	55292	55260.742	31.26
585075	5451825	55284.5	55260.843	23.66
585075	5451850	55275.6	55260.946	14.65
585075	5451875	55269.4	55261.05	8.35
585075	5451900	55269.2	55261.155	8.05
585075	5451925	55269.5	55261.26	8.24
585075	5451950	55271.2	55261.365	9.84
585075	5451975	55274.4	55261.47	12.93
585075	5452000	55274.1	55261.574	12.53
585075	5452025	55274.9	55261.679	13.22
585075	5452050	55278.3	55261.783	16.52
585075	5452075	55281.1	55261.886	19.21
585075	5452100	55282.3	55261.99	20.31
585075	5452125	55282.1	55262.093	20.01
585075	5452150	55277.6	55262.196	15.40

585075	5452175	55273.2	55262.298	10.90
585075	5452200	55272.4	55262.401	10.00
585075	5452225	55273.2	55262.503	10.70
585075	5452250	55273.8	55262.604	11.20
585075	5452275	55276.3	55262.706	13.59
585075	5452300	55275.6	55262.807	12.79
585075	5452325	55278.7	55262.907	15.79
585075	5452350	55288	55263.007	24.99
585075	5452375	55306.3	55263.107	43.19
585075	5452400	55297.8	55263.207	34.59
585075	5452425	55307	55263.305	43.70
585075	5452450	55294.9	55263.404	31.50
585075	5452475	55285	55263.502	21.50
585075	5452500	55285.5	55263.599	21.90
585075	5452525	55285	55263.695	21.31
585075	5452550	55285.2	55263.791	21.41
585075	5452575	55284.8	55263.886	20.91
585075	5452600	55283.8	55263.98	19.82
585075	5452625	55284.8	55264.073	20.73
585075	5452650	55280.5	55264.165	16.34
585075	5452675	55272.7	55264.256	8.44
585075	5452700	55272.9	55264.345	8.56
585075	5452725	55274	55264.434	9.57
585075	5452750	55277.3	55264.521	12.78
585075	5452775	55285.2	55264.606	20.59
585075	5452800	55285.1	55264.689	20.41
585075	5452825	55285.3	55264.771	20.53
585075	5452850	55282.2	55264.85	17.35
585075	5452875	55278.7	55264.928	13.77
585075	5452900	55277.9	55265.003	12.90
585075	5452925	55278.9	55265.075	13.83
585075	5452950	55290.1	55265.146	24.95
585075	5452975	55301.5	55265.213	36.29
585075	5453000	55304.7	55265.277	39.42
585075	5453025	55302.6	55265.335	37.27
585100	5450675	55271.6	55256.688	14.91
585100	5450700	55272.3	55256.744	15.56
585100	5450725	55272.5	55256.805	15.70
585100	5450750	55277.9	55256.868	21.03
585100	5450775	55282.8	55256.934	25.87
585100	5450800	55283.2	55257.003	26.20
585100	5450825	55283.3	55257.075	26.23
585100	5450850	55278.2	55257.149	21.05
585100	5450875	55271.8	55257.225	14.58
585100	5450900	55270.2	55257.304	12.90
585100	5450925	55271.8	55257.385	14.42
585100	5450950	55267.3	55257.467	9.83
585100	5450975	55272.7	55257.551	15.15
585100	5451000	55268.7	55257.637	11.06
585100	5451025	55272.4	55257.725	14.68
585100	5451050	55272.5	55257.814	14.69
585100	5451075	55272.4	55257.904	14.50

585100	5451100	55273.3	55257.996	15.30
585100	5451125	55271.8	55258.088	13.71
585100	5451150	55273.1	55258.182	14.92
585100	5451175	55274	55258.276	15.72
585100	5451200	55273.8	55258.372	15.43
585100	5451225	55274	55258.468	15.53
585100	5451250	55269.2	55258.565	10.64
585100	5451275	55263.4	55258.663	4.74
585100	5451300	55263.4	55258.761	4.64
585100	5451325	55263.4	55258.86	4.54
585100	5451350	55269.8	55258.959	10.84
585100	5451375	55276.6	55259.059	17.54
585100	5451400	55272.7	55259.159	13.54
585100	5451425	55275.6	55259.26	16.34
585100	5451450	55273.1	55259.361	13.74
585100	5451475	55266.7	55259.462	7.24
585100	5451500	55265.6	55259.563	6.04
585100	5451525	55266.8	55259.665	7.14
585100	5451550	55269	55259.767	9.23
585100	5451575	55269.8	55259.869	9.93
585100	5451600	55268.5	55259.971	8.53
585100	5451625	55270.2	55260.073	10.13
585100	5451650	55273.3	55260.175	13.13
585100	5451675	55271	55260.277	10.72
585100	5451700	55274.6	55260.379	14.22
585100	5451725	55271.5	55260.481	11.02
585100	5451750	55276.3	55260.583	15.72
585100	5451775	55281	55260.685	20.32
585100	5451800	55278.6	55260.786	17.81
585100	5451825	55280.8	55260.888	19.91
585100	5451850	55272.8	55260.991	11.81
585100	5451875	55268.9	55261.095	7.81
585100	5451900	55270.4	55261.199	9.20
585100	5451925	55268.5	55261.304	7.20
585100	5451950	55270.4	55261.408	8.99
585100	5451975	55273.8	55261.512	12.29
585100	5452000	55270.3	55261.617	8.68
585100	5452025	55273.9	55261.72	12.18
585100	5452050	55277.4	55261.824	15.58
585100	5452075	55281.1	55261.927	19.17
585100	5452100	55282.2	55262.03	20.17
585100	5452125	55280.9	55262.133	18.77
585100	5452150	55277.5	55262.235	15.27
585100	5452175	55273.4	55262.338	11.06
585100	5452200	55272.5	55262.439	10.06
585100	5452225	55273.4	55262.541	10.86
585100	5452250	55280	55262.643	17.36
585100	5452275	55287.6	55262.744	24.86
585100	5452300	55294.7	55262.844	31.86
585100	5452325	55286.1	55262.945	23.16
585100	5452350	55294	55263.045	30.96
585100	5452375	55294.6	55263.145	31.46

585100	5452400	55294.4	55263.244	31.16
585100	5452425	55296.1	55263.343	32.76
585100	5452450	55292.4	55263.441	28.96
585100	5452475	55287.7	55263.539	24.16
585100	5452500	55283.7	55263.636	20.06
585100	5452525	55287.7	55263.733	23.97
585100	5452550	55282.6	55263.828	18.77
585100	5452575	55276.9	55263.923	12.98
585100	5452600	55277.3	55264.018	13.28
585100	5452625	55277.2	55264.111	13.09
585100	5452650	55277.9	55264.203	13.70
585100	5452675	55275.6	55264.294	11.31
585100	5452700	55275	55264.384	10.62
585100	5452725	55275.4	55264.473	10.93
585100	5452750	55280.7	55264.56	16.14
585100	5452775	55286.5	55264.646	21.85
585100	5452800	55286.8	55264.729	22.07
585100	5452825	55286.6	55264.811	21.79
585100	5452850	55281.1	55264.891	16.21
585100	5452875	55274.4	55264.968	9.43
585100	5452900	55275.4	55265.043	10.36
585100	5452925	55274.4	55265.116	9.28
585100	5452950	55280.2	55265.185	15.02
585100	5452975	55288.7	55265.251	23.45
585100	5453000	55285.7	55265.313	20.39
585100	5453025	55288.4	55265.37	23.03
585125	5450675	55270	55256.731	13.27
585125	5450700	55270.3	55256.787	13.51
585125	5450725	55271.1	55256.847	14.25
585125	5450750	55274.7	55256.911	17.79
585125	5450775	55280.5	55256.977	23.52
585125	5450800	55279.4	55257.046	22.35
585125	5450825	55280.4	55257.117	23.28
585125	5450850	55277.4	55257.191	20.21
585125	5450875	55274.1	55257.267	16.83
585125	5450900	55279.7	55257.345	22.36
585125	5450925	55274	55257.426	16.57
585125	5450950	55276.3	55257.508	18.79
585125	5450975	55276.8	55257.592	19.21
585125	5451000	55275.9	55257.678	18.22
585125	5451025	55275.3	55257.765	17.54
585125	5451050	55275.3	55257.854	17.45
585125	5451075	55270.1	55257.944	12.16
585125	5451100	55269.7	55258.036	11.66
585125	5451125	55270.2	55258.128	12.07
585125	5451150	55271.6	55258.221	13.38
585125	5451175	55275.3	55258.316	16.98
585125	5451200	55275.9	55258.411	17.49
585125	5451225	55275.3	55258.507	16.79
585125	5451250	55268.9	55258.604	10.30
585125	5451275	55262.4	55258.702	3.70
585125	5451300	55263.2	55258.8	4.40

585125	5451325	55262.3	55258.899	3.40
585125	5451350	55268.8	55258.999	9.80
585125	5451375	55276	55259.098	16.90
585125	5451400	55271.8	55259.199	12.60
585125	5451425	55276.7	55259.3	17.40
585125	5451450	55270.6	55259.401	11.20
585125	5451475	55266.3	55259.502	6.80
585125	5451500	55265.6	55259.604	6.00
585125	5451525	55266.3	55259.706	6.59
585125	5451550	55272.2	55259.808	12.39
585125	5451575	55272	55259.91	12.09
585125	5451600	55273.1	55260.012	13.09
585125	5451625	55272.4	55260.115	12.29
585125	5451650	55274.5	55260.217	14.28
585125	5451675	55274.1	55260.32	13.78
585125	5451700	55271	55260.422	10.58
585125	5451725	55273.8	55260.525	13.28
585125	5451750	55278	55260.627	17.37
585125	5451775	55280.9	55260.729	20.17
585125	5451800	55287.7	55260.831	26.87
585125	5451825	55280.6	55260.934	19.67
585125	5451850	55274.1	55261.036	13.06
585125	5451875	55260.9	55261.14	-0.24
585125	5451900	55258.1	55261.244	-3.14
585125	5451925	55261.5	55261.348	0.15
585125	5451950	55268.7	55261.452	7.25
585125	5451975	55274.7	55261.555	13.15
585125	5452000	55272.4	55261.659	10.74
585125	5452025	55274.7	55261.762	12.94
585125	5452050	55274	55261.865	12.14
585125	5452075	55276	55261.968	14.03
585125	5452100	55275.2	55262.07	13.13
585125	5452125	55276.5	55262.173	14.33
585125	5452150	55274.8	55262.275	12.53
585125	5452175	55273.2	55262.377	10.82
585125	5452200	55271.3	55262.478	8.82
585125	5452225	55273.2	55262.579	10.62
585125	5452250	55276.8	55262.68	14.12
585125	5452275	55280.9	55262.781	18.12
585125	5452300	55275.2	55262.882	12.32
585125	5452325	55285.6	55262.982	22.62
585125	5452350	55284.3	55263.082	21.22
585125	5452375	55287.7	55263.181	24.52
585125	5452400	55287.8	55263.28	24.52
585125	5452425	55287.7	55263.379	24.32
585125	5452450	55285.6	55263.477	22.12
585125	5452475	55283.4	55263.575	19.83
585125	5452500	55287.8	55263.672	24.13
585125	5452525	55283.5	55263.769	19.73
585125	5452550	55281.7	55263.865	17.84
585125	5452575	55278.7	55263.96	14.74
585125	5452600	55277.2	55264.055	13.15

585125	5452625	55279.7	55264.148	15.55
585125	5452650	55277.9	55264.241	13.66
585125	5452675	55275.9	55264.332	11.57
585125	5452700	55276.3	55264.422	11.88
585125	5452725	55275.6	55264.511	11.09
585125	5452750	55280.7	55264.599	16.10
585125	5452775	55286.4	55264.685	21.72
585125	5452800	55285.8	55264.769	21.03
585125	5452825	55286.3	55264.851	21.45
585125	5452850	55280.9	55264.931	15.97
585125	5452875	55274.2	55265.008	9.19
585125	5452900	55273.4	55265.083	8.32
585125	5452925	55273.7	55265.155	8.55
585125	5452950	55280.6	55265.224	15.38
585125	5452975	55285.1	55265.289	19.81
585125	5453000	55285.3	55265.35	19.95
585125	5453025	55285	55265.406	19.59
585150	5450675	55267.1	55256.773	10.33
585150	5450700	55266.7	55256.83	9.87
585150	5450725	55268.3	55256.89	11.41
585150	5450750	55275.8	55256.953	18.85
585150	5450775	55281.3	55257.019	24.28
585150	5450800	55282.5	55257.088	25.41
585150	5450825	55281.5	55257.159	24.34
585150	5450850	55271.2	55257.233	13.97
585150	5450875	55271.3	55257.309	13.99
585150	5450900	55271.3	55257.387	13.91
585150	5450925	55271.5	55257.467	14.03
585150	5450950	55273.2	55257.549	15.65
585150	5450975	55277.6	55257.633	19.97
585150	5451000	55279.3	55257.719	21.58
585150	5451025	55278.7	55257.806	20.89
585150	5451050	55274	55257.895	16.11
585150	5451075	55269.1	55257.985	11.12
585150	5451100	55269.6	55258.076	11.52
585150	5451125	55269.5	55258.168	11.33
585150	5451150	55271.8	55258.261	13.54
585150	5451175	55274.8	55258.356	16.44
585150	5451200	55276.4	55258.451	17.95
585150	5451225	55274.9	55258.547	16.35
585150	5451250	55268.5	55258.644	9.86
585150	5451275	55262.5	55258.742	3.76
585150	5451300	55261.6	55258.84	2.76
585150	5451325	55262.4	55258.939	3.46
585150	5451350	55268.2	55259.038	9.16
585150	5451375	55278.6	55259.138	19.46
585150	5451400	55282.3	55259.239	23.06
585150	5451425	55276	55259.34	16.66
585150	5451450	55272.3	55259.441	12.86
585150	5451475	55266.5	55259.543	6.96
585150	5451500	55267.6	55259.645	7.96
585150	5451525	55266.6	55259.747	6.85



585150	5451550	55266.5	55259.849	6.65
585150	5451575	55277.5	55259.952	17.55
585150	5451600	55277.3	55260.054	17.25
585150	5451625	55276.6	55260.157	16.44
585150	5451650	55275.8	55260.26	15.54
585150	5451675	55284.3	55260.363	23.94
585150	5451700	55274.9	55260.466	14.43
585150	5451725	55283.4	55260.568	22.83
585150	5451750	55273.3	55260.671	12.63
585150	5451775	55271.5	55260.774	10.73
585150	5451800	55262.7	55260.876	1.82
585150	5451825	55271.3	55260.979	10.32
585150	5451850	55264	55261.082	2.92
585150	5451875	55253.2	55261.185	-7.98
585150	5451900	55249.7	55261.288	-11.59
585150	5451925	55252.7	55261.392	-8.69
585150	5451950	55266.7	55261.495	5.21
585150	5451975	55274.4	55261.598	12.80
585150	5452000	55275.3	55261.701	13.60
585150	5452025	55274.4	55261.804	12.60
585150	5452050	55276.1	55261.906	14.19
585150	5452075	55276.3	55262.009	14.29
585150	5452100	55277.1	55262.111	14.99
585150	5452125	55276.5	55262.212	14.29
585150	5452150	55276.3	55262.314	13.99
585150	5452175	55274.3	55262.415	11.89
585150	5452200	55273.6	55262.516	11.08
585150	5452225	55274.3	55262.617	11.68
585150	5452250	55282.5	55262.718	19.78
585150	5452275	55294.6	55262.818	31.78
585150	5452300	55301.5	55262.918	38.58
585150	5452325	55292.2	55263.018	29.18
585150	5452350	55290.8	55263.118	27.68
585150	5452375	55285.6	55263.217	22.38
585150	5452400	55283	55263.316	19.68
585150	5452425	55285.6	55263.415	22.19
585150	5452450	55285.7	55263.513	22.19
585150	5452475	55282.8	55263.611	19.19
585150	5452500	55276.4	55263.708	12.69
585150	5452525	55282.2	55263.805	18.40
585150	5452550	55282.9	55263.901	19.00
585150	5452575	55281.1	55263.996	17.10
585150	5452600	55280.3	55264.091	16.21
585150	5452625	55281.2	55264.185	17.02
585150	5452650	55278.7	55264.277	14.42
585150	5452675	55275.3	55264.369	10.93
585150	5452700	55274.3	55264.46	9.84
585150	5452725	55275.4	55264.549	10.85
585150	5452750	55281.9	55264.637	17.26
585150	5452775	55285.7	55264.723	20.98
585150	5452800	55282.4	55264.807	17.59
585150	5452825	55285.6	55264.889	20.71

585150	5452850	55281.7	55264.97	16.73
585150	5452875	55274	55265.047	8.95
585150	5452900	55274.7	55265.122	9.58
585150	5452925	55274.5	55265.194	9.31
585150	5452950	55279.3	55265.262	14.04
585150	5452975	55286.3	55265.327	20.97
585150	5453000	55285.2	55265.387	19.81
585150	5453025	55287.2	55265.442	21.76
585175	5450675	55266.2	55256.815	9.39
585175	5450700	55265.9	55256.872	9.03
585175	5450725	55267.3	55256.932	10.37
585175	5450750	55272.9	55256.995	15.91
585175	5450775	55278.5	55257.061	21.44
585175	5450800	55278.4	55257.129	21.27
585175	5450825	55278	55257.201	20.80
585175	5450850	55273.5	55257.274	16.23
585175	5450875	55268.7	55257.35	11.35
585175	5450900	55268.1	55257.428	10.67
585175	5450925	55268.8	55257.509	11.29
585175	5450950	55276.3	55257.591	18.71
585175	5450975	55282.4	55257.675	24.73
585175	5451000	55284.5	55257.76	26.74
585175	5451025	55283	55257.847	25.15
585175	5451050	55277.7	55257.935	19.77
585175	5451075	55267.7	55258.025	9.68
585175	5451100	55268.1	55258.116	9.98
585175	5451125	55267.9	55258.208	9.69
585175	5451150	55268.8	55258.302	10.50
585175	5451175	55272.4	55258.396	14.00
585175	5451200	55270.3	55258.491	11.81
585175	5451225	55272.4	55258.587	13.81
585175	5451250	55267.8	55258.684	9.12
585175	5451275	55263.3	55258.782	4.52
585175	5451300	55264.2	55258.88	5.32
585175	5451325	55263.5	55258.979	4.52
585175	5451350	55265.2	55259.078	6.12
585175	5451375	55269.2	55259.178	10.02
585175	5451400	55261.3	55259.279	2.02
585175	5451425	55268.8	55259.38	9.42
585175	5451450	55266.4	55259.481	6.92
585175	5451475	55265.1	55259.583	5.52
585175	5451500	55268.5	55259.685	8.82
585175	5451525	55264.4	55259.788	4.61
585175	5451550	55271.3	55259.891	11.41
585175	5451575	55274.5	55259.994	14.51
585175	5451600	55290.5	55260.097	30.40
585175	5451625	55276.2	55260.2	16.00
585175	5451650	55289.6	55260.303	29.30
585175	5451675	55295.3	55260.406	34.89
585175	5451700	55312.5	55260.509	51.99
585175	5451725	55290.8	55260.613	30.19
585175	5451750	55289.2	55260.716	28.48

585175	5451775	55273.3	55260.818	12.48
585175	5451800	55275	55260.921	14.08
585175	5451825	55273.2	55261.024	12.18
585175	5451850	55273.3	55261.127	12.17
585175	5451875	55267.6	55261.23	6.37
585175	5451900	55267.1	55261.333	5.77
585175	5451925	55267.5	55261.436	6.06
585175	5451950	55270.4	55261.539	8.86
585175	5451975	55269.4	55261.641	7.76
585175	5452000	55270.1	55261.743	8.36
585175	5452025	55269.4	55261.845	7.56
585175	5452050	55272.9	55261.947	10.95
585175	5452075	55275.9	55262.049	13.85
585175	5452100	55274.6	55262.15	12.45
585175	5452125	55275.9	55262.251	13.65
585175	5452150	55276.3	55262.352	13.95
585175	5452175	55277.5	55262.453	15.05
585175	5452200	55280	55262.554	17.45
585175	5452225	55277.5	55262.654	14.85
585175	5452250	55280.7	55262.754	17.95
585175	5452275	55285.2	55262.854	22.35
585175	5452300	55285.6	55262.954	22.65
585175	5452325	55288.5	55263.054	25.45
585175	5452350	55284.9	55263.153	21.75
585175	5452375	55284.3	55263.252	21.05
585175	5452400	55288	55263.351	24.65
585175	5452425	55284.2	55263.45	20.75
585175	5452450	55283.8	55263.548	20.25
585175	5452475	55284.4	55263.646	20.75
585175	5452500	55286.3	55263.743	22.56
585175	5452525	55283.9	55263.84	20.06
585175	5452550	55282.7	55263.936	18.76
585175	5452575	55284.1	55264.031	20.07
585175	5452600	55284.1	55264.126	19.97
585175	5452625	55284.1	55264.22	19.88
585175	5452650	55276.4	55264.313	12.09
585175	5452675	55274.5	55264.405	10.10
585175	5452700	55274.6	55264.496	10.10
585175	5452725	55274.4	55264.586	9.81
585175	5452750	55281.3	55264.674	16.63
585175	5452775	55292.5	55264.76	27.74
585175	5452800	55292.7	55264.845	27.86
585175	5452825	55291.1	55264.927	26.17
585175	5452850	55283.6	55265.008	18.59
585175	5452875	55274.9	55265.086	9.81
585175	5452900	55275.7	55265.16	10.54
585175	5452925	55275	55265.232	9.77
585175	5452950	55279.8	55265.3	14.50
585175	5452975	55287.5	55265.364	22.14
585175	5453000	55289.6	55265.424	24.18
585175	5453025	55287.6	55265.479	22.12
585200	5450675	55264.7	55256.856	7.84

585200	5450700	55265	55256.913	8.09
585200	5450725	55266	55256.973	9.03
585200	5450750	55273.2	55257.036	16.16
585200	5450775	55278.5	55257.102	21.40
585200	5450800	55278.6	55257.171	21.43
585200	5450825	55278.7	55257.242	21.46
585200	5450850	55269.5	55257.316	12.18
585200	5450875	55268.2	55257.392	10.81
585200	5450900	55267.7	55257.47	10.23
585200	5450925	55268.3	55257.55	10.75
585200	5450950	55272.3	55257.632	14.67
585200	5450975	55279.6	55257.716	21.88
585200	5451000	55278.8	55257.801	21.00
585200	5451025	55279.8	55257.888	21.91
585200	5451050	55272.1	55257.976	14.12
585200	5451075	55264.3	55258.066	6.23
585200	5451100	55265.3	55258.157	7.14
585200	5451125	55265.3	55258.249	7.05
585200	5451150	55265.5	55258.342	7.16
585200	5451175	55268.3	55258.436	9.86
585200	5451200	55268.6	55258.531	10.07
585200	5451225	55268	55258.627	9.37
585200	5451250	55267.6	55258.724	8.88
585200	5451275	55264	55258.822	5.18
585200	5451300	55263.5	55258.92	4.58
585200	5451325	55263.7	55259.019	4.68
585200	5451350	55265.4	55259.118	6.28
585200	5451375	55270.7	55259.219	11.48
585200	5451400	55268.6	55259.319	9.28
585200	5451425	55267.4	55259.42	7.98
585200	5451450	55271	55259.522	11.48
585200	5451475	55266.6	55259.624	6.98
585200	5451500	55268.4	55259.726	8.67
585200	5451525	55267.6	55259.829	7.77
585200	5451550	55271.3	55259.932	11.37
585200	5451575	55265.2	55260.035	5.17
585200	5451600	55268.9	55260.139	8.76
585200	5451625	55269.3	55260.242	9.06
585200	5451650	55274.1	55260.346	13.75
585200	5451675	55276.7	55260.45	16.25
585200	5451700	55282.6	55260.553	22.05
585200	5451725	55279.9	55260.657	19.24
585200	5451750	55271.4	55260.76	10.64
585200	5451775	55275.6	55260.863	14.74
585200	5451800	55286.8	55260.967	25.83
585200	5451825	55275	55261.07	13.93
585200	5451850	55278.7	55261.172	17.53
585200	5451875	55285.5	55261.275	24.23
585200	5451900	55283.2	55261.378	21.82
585200	5451925	55285.5	55261.48	24.02
585200	5451950	55277.8	55261.582	16.22
585200	5451975	55269.8	55261.684	8.12

585200	5452000	55268.6	55261.785	6.82
585200	5452025	55269.8	55261.887	7.91
585200	5452050	55273.1	55261.988	11.11
585200	5452075	55276.2	55262.089	14.11
585200	5452100	55276	55262.19	13.81
585200	5452125	55276.2	55262.29	13.91
585200	5452150	55275.9	55262.39	13.51
585200	5452175	55277.1	55262.491	14.61
585200	5452200	55276.6	55262.591	14.01
585200	5452225	55277.1	55262.691	14.41
585200	5452250	55277.7	55262.79	14.91
585200	5452275	55282.4	55262.89	19.51
585200	5452300	55283.6	55262.99	20.61
585200	5452325	55282.2	55263.089	19.11
585200	5452350	55283.6	55263.188	20.41
585200	5452375	55283.3	55263.287	20.01
585200	5452400	55281	55263.385	17.62
585200	5452425	55283.3	55263.484	19.82
585200	5452450	55284.5	55263.582	20.92
585200	5452475	55286.4	55263.679	22.72
585200	5452500	55288.5	55263.777	24.72
585200	5452525	55284.8	55263.873	20.93
585200	5452550	55284.1	55263.97	20.13
585200	5452575	55283.3	55264.065	19.24
585200	5452600	55282.4	55264.16	18.24
585200	5452625	55283.3	55264.254	19.05
585200	5452650	55277.8	55264.348	13.45
585200	5452675	55270	55264.44	5.56
585200	5452700	55277.6	55264.531	13.07
585200	5452725	55270	55264.621	5.38
585200	5452750	55287.1	55264.71	22.39
585200	5452775	55299.4	55264.797	34.60
585200	5452800	55301.8	55264.882	36.92
585200	5452825	55298.8	55264.965	33.84
585200	5452850	55286	55265.045	20.96
585200	5452875	55273.8	55265.123	8.68
585200	5452900	55273.5	55265.199	8.30
585200	5452925	55273	55265.27	7.73
585200	5452950	55278.9	55265.338	13.56
585200	5452975	55286.7	55265.402	21.30
585200	5453000	55286	55265.462	20.54
585200	5453025	55286.8	55265.516	21.28
585225	5450675	55264.3	55256.897	7.40
585225	5450700	55264.2	55256.954	7.25
585225	5450725	55265.8	55257.014	8.79
585225	5450750	55271.6	55257.077	14.52
585225	5450775	55277.3	55257.143	20.16
585225	5450800	55277.3	55257.212	20.09
585225	5450825	55277.2	55257.283	19.92
585225	5450850	55272.2	55257.357	14.84
585225	5450875	55269.1	55257.433	11.67
585225	5450900	55270.2	55257.511	12.69

585225	5450925	55269	55257.592	11.41
585225	5450950	55273.3	55257.673	15.63
585225	5450975	55278.6	55257.757	20.84
585225	5451000	55278.9	55257.843	21.06
585225	5451025	55278.7	55257.929	20.77
585225	5451050	55269.6	55258.018	11.58
585225	5451075	55260.2	55258.107	2.09
585225	5451100	55262.1	55258.198	3.90
585225	5451125	55261.5	55258.29	3.21
585225	5451150	55263.5	55258.383	5.12
585225	5451175	55261	55258.477	2.52
585225	5451200	55260.8	55258.572	2.23
585225	5451225	55261.1	55258.668	2.43
585225	5451250	55268.1	55258.765	9.34
585225	5451275	55269	55258.862	10.14
585225	5451300	55266.1	55258.96	7.14
585225	5451325	55267.7	55259.059	8.64
585225	5451350	55273.2	55259.159	14.04
585225	5451375	55276.7	55259.259	17.44
585225	5451400	55279.3	55259.36	19.94
585225	5451425	55278.2	55259.461	18.74
585225	5451450	55269.3	55259.563	9.74
585225	5451475	55261.5	55259.665	1.84
585225	5451500	55257.3	55259.768	-2.47
585225	5451525	55261.9	55259.871	2.03
585225	5451550	55274.8	55259.974	14.83
585225	5451575	55277.8	55260.077	17.72
585225	5451600	55258	55260.181	-2.18
585225	5451625	55277.6	55260.285	17.32
585225	5451650	55295.7	55260.389	35.31
585225	5451675	55296.2	55260.493	35.71
585225	5451700	55284.4	55260.597	23.80
585225	5451725	55294.8	55260.701	34.10
585225	5451750	55284.5	55260.805	23.70
585225	5451775	55266.5	55260.908	5.59
585225	5451800	55256.1	55261.012	-4.91
585225	5451825	55265.7	55261.115	4.59
585225	5451850	55275.9	55261.217	14.68
585225	5451875	55292.4	55261.32	31.08
585225	5451900	55287.7	55261.422	26.28
585225	5451925	55292.5	55261.524	30.98
585225	5451950	55280.8	55261.625	19.18
585225	5451975	55273.2	55261.726	11.47
585225	5452000	55272	55261.827	10.17
585225	5452025	55273.1	55261.928	11.17
585225	5452050	55274.4	55262.028	12.37
585225	5452075	55274.9	55262.128	12.77
585225	5452100	55275	55262.228	12.77
585225	5452125	55274.5	55262.328	12.17
585225	5452150	55275.3	55262.428	12.87
585225	5452175	55276.9	55262.527	14.37
585225	5452200	55276.2	55262.627	13.57



585225	5452225	55276.9	55262.726	14.17
585225	5452250	55278.9	55262.826	16.07
585225	5452275	55282	55262.925	19.08
585225	5452300	55283.1	55263.024	20.08
585225	5452325	55281.1	55263.123	17.98
585225	5452350	55283.6	55263.222	20.38
585225	5452375	55287.1	55263.32	23.78
585225	5452400	55289.6	55263.419	26.18
585225	5452425	55287.2	55263.517	23.68
585225	5452450	55285.6	55263.614	21.99
585225	5452475	55286.1	55263.712	22.39
585225	5452500	55286.1	55263.809	22.29
585225	5452525	55284.9	55263.906	20.99
585225	5452550	55283.8	55264.002	19.80
585225	5452575	55282.8	55264.098	18.70
585225	5452600	55283.7	55264.193	19.51
585225	5452625	55282.8	55264.287	18.51
585225	5452650	55274.7	55264.381	10.32
585225	5452675	55256.9	55264.474	-7.57
585225	5452700	55250.9	55264.565	-13.66
585225	5452725	55266.6	55264.656	1.94
585225	5452750	55278.5	55264.745	13.76
585225	5452775	55297.6	55264.832	32.77
585225	5452800	55299.2	55264.918	34.28
585225	5452825	55296	55265.001	31.00
585225	5452850	55286	55265.082	20.92
585225	5452875	55272.7	55265.161	7.54
585225	5452900	55271.1	55265.236	5.86
585225	5452925	55272	55265.308	6.69
585225	5452950	55279.4	55265.376	14.02
585225	5452975	55287.6	55265.44	22.16
585225	5453000	55288	55265.5	22.50
585225	5453025	55287.5	55265.554	21.95
585250	5450675	55265.4	55256.936	8.46
585250	5450700	55266.2	55256.994	9.21
585250	5450725	55266.8	55257.054	9.75
585250	5450750	55272.2	55257.118	15.08
585250	5450775	55278.1	55257.184	20.92
585250	5450800	55278.6	55257.253	21.35
585250	5450825	55277.9	55257.324	20.58
585250	5450850	55269.6	55257.398	12.20
585250	5450875	55264.3	55257.474	6.83
585250	5450900	55264	55257.553	6.45
585250	5450925	55263.5	55257.633	5.87
585250	5450950	55269.4	55257.715	11.69
585250	5450975	55276.3	55257.799	18.50
585250	5451000	55276.6	55257.884	18.72
585250	5451025	55276.6	55257.971	18.63
585250	5451050	55271.2	55258.059	13.14
585250	5451075	55249.3	55258.148	-8.85
585250	5451100	55250.7	55258.239	-7.54
585250	5451125	55252.3	55258.331	-6.03

585250	5451150	55260.6	55258.424	2.18
585250	5451175	55265.9	55258.518	7.38
585250	5451200	55262.3	55258.613	3.69
585250	5451225	55265.9	55258.708	7.19
585250	5451250	55273.8	55258.805	15.00
585250	5451275	55275.7	55258.902	16.80
585250	5451300	55280.6	55259.001	21.60
585250	5451325	55275.8	55259.1	16.70
585250	5451350	55280.2	55259.199	21.00
585250	5451375	55287.5	55259.299	28.20
585250	5451400	55290.6	55259.4	31.20
585250	5451425	55288	55259.502	28.50
585250	5451450	55276.5	55259.603	16.90
585250	5451475	55265.1	55259.706	5.39
585250	5451500	55262.5	55259.809	2.69
585250	5451525	55266.5	55259.912	6.59
585250	5451550	55281.5	55260.015	21.49
585250	5451575	55319.4	55260.119	59.28
585250	5451600	55358.1	55260.223	97.88
585250	5451625	55320.2	55260.328	59.87
585250	5451650	55300.2	55260.432	39.77
585250	5451675	55304.4	55260.536	43.86
585250	5451700	55312.3	55260.641	51.66
585250	5451725	55301.1	55260.745	40.36
585250	5451750	55283.2	55260.849	22.35
585250	5451775	55256.6	55260.953	-4.35
585250	5451800	55254.5	55261.057	-6.56
585250	5451825	55253.4	55261.16	-7.76
585250	5451850	55279.5	55261.262	18.24
585250	5451875	55300.6	55261.365	39.24
585250	5451900	55302.8	55261.466	41.33
585250	5451925	55300.7	55261.567	39.13
585250	5451950	55286.2	55261.668	24.53
585250	5451975	55273.3	55261.769	11.53
585250	5452000	55270.3	55261.869	8.43
585250	5452025	55272.8	55261.968	10.83
585250	5452050	55274.4	55262.068	12.33
585250	5452075	55276.5	55262.167	14.33
585250	5452100	55274.2	55262.266	11.93
585250	5452125	55273.7	55262.366	11.33
585250	5452150	55277.6	55262.465	15.14
585250	5452175	55277.5	55262.563	14.94
585250	5452200	55277.7	55262.662	15.04
585250	5452225	55277.5	55262.761	14.74
585250	5452250	55277.4	55262.86	14.54
585250	5452275	55276.8	55262.959	13.84
585250	5452300	55274.5	55263.057	11.44
585250	5452325	55277.8	55263.156	14.64
585250	5452350	55281.9	55263.254	18.65
585250	5452375	55285	55263.352	21.65
585250	5452400	55286.4	55263.451	22.95
585250	5452425	55284.9	55263.548	21.35

585250	5452450	55285	55263.646	21.35
585250	5452475	55282.3	55263.744	18.56
585250	5452500	55279.5	55263.841	15.66
585250	5452525	55282	55263.937	18.06
585250	5452550	55283.3	55264.034	19.27
585250	5452575	55284.6	55264.129	20.47
585250	5452600	55284.4	55264.225	20.18
585250	5452625	55284.1	55264.319	19.78
585250	5452650	55275.7	55264.413	11.29
585250	5452675	55273	55264.506	8.49
585250	5452700	55263.5	55264.598	-1.10
585250	5452725	55265.3	55264.689	0.61
585250	5452750	55282.2	55264.778	17.42
585250	5452775	55293.6	55264.866	28.73
585250	5452800	55291	55264.953	26.05
585250	5452825	55293.3	55265.037	28.26
585250	5452850	55284.3	55265.119	19.18
585250	5452875	55274.7	55265.198	9.50
585250	5452900	55272	55265.274	6.73
585250	5452925	55273.2	55265.346	7.85
585250	5452950	55280.2	55265.415	14.79
585250	5452975	55287.3	55265.479	21.82
585250	5453000	55288	55265.538	22.46
585250	5453025	55287.5	55265.593	21.91
585275	5450675	55266	55256.976	9.02
585275	5450700	55267.6	55257.033	10.57
585275	5450725	55266.4	55257.094	9.31
585275	5450750	55270.7	55257.158	13.54
585275	5450775	55275.6	55257.224	18.38
585275	5450800	55274.1	55257.293	16.81
585275	5450825	55275.2	55257.365	17.84
585275	5450850	55269.4	55257.439	11.96
585275	5450875	55264.7	55257.516	7.18
585275	5450900	55262.5	55257.594	4.91
585275	5450925	55264.1	55257.674	6.43
585275	5450950	55270.3	55257.756	12.54
585275	5450975	55270.7	55257.84	12.86
585275	5451000	55269.5	55257.925	11.58
585275	5451025	55271.1	55258.012	13.09
585275	5451050	55261.3	55258.1	3.20
585275	5451075	55246.6	55258.19	-11.59
585275	5451100	55230.6	55258.28	-27.68
585275	5451125	55241.4	55258.372	-16.97
585275	5451150	55266.7	55258.465	8.24
585275	5451175	55291	55258.559	32.44
585275	5451200	55291.9	55258.653	33.25
585275	5451225	55290.3	55258.749	31.55
585275	5451250	55287.1	55258.846	28.25
585275	5451275	55290.6	55258.943	31.66
585275	5451300	55282.8	55259.041	23.76
585275	5451325	55284.6	55259.14	25.46
585275	5451350	55284.1	55259.239	24.86

585275	5451375	55286.9	55259.34	27.56
585275	5451400	55287.3	55259.441	27.86
585275	5451425	55287.5	55259.542	27.96
585275	5451450	55277.4	55259.644	17.76
585275	5451475	55270.1	55259.746	10.35
585275	5451500	55270.6	55259.849	10.75
585275	5451525	55269.7	55259.953	9.75
585275	5451550	55289.4	55260.057	29.34
585275	5451575	55305	55260.161	44.84
585275	5451600	55294.9	55260.265	34.64
585275	5451625	55305.1	55260.37	44.73
585275	5451650	55298.4	55260.475	37.93
585275	5451675	55298.4	55260.58	37.82
585275	5451700	55299.5	55260.684	38.82
585275	5451725	55297	55260.789	36.21
585275	5451750	55276.7	55260.894	15.81
585275	5451775	55256.2	55260.998	-4.80
585275	5451800	55257.8	55261.101	-3.30
585275	5451825	55258	55261.205	-3.20
585275	5451850	55273.4	55261.307	12.09
585275	5451875	55294.3	55261.409	32.89
585275	5451900	55297.1	55261.51	35.59
585275	5451925	55294.3	55261.611	32.69
585275	5451950	55283.9	55261.711	22.19
585275	5451975	55278.8	55261.81	16.99
585275	5452000	55278.8	55261.909	16.89
585275	5452025	55277.6	55262.008	15.59
585275	5452050	55274.1	55262.107	11.99
585275	5452075	55272.8	55262.205	10.60
585275	5452100	55266	55262.304	3.70
585275	5452125	55272.4	55262.402	10.00
585275	5452150	55275	55262.5	12.50
585275	5452175	55278.1	55262.599	15.50
585275	5452200	55277.6	55262.697	14.90
585275	5452225	55278.1	55262.795	15.31
585275	5452250	55278	55262.893	15.11
585275	5452275	55277.2	55262.992	14.21
585275	5452300	55276.1	55263.09	13.01
585275	5452325	55276.3	55263.188	13.11
585275	5452350	55281.5	55263.286	18.21
585275	5452375	55285.5	55263.384	22.12
585275	5452400	55284.4	55263.482	20.92
585275	5452425	55285	55263.579	21.42
585275	5452450	55282.3	55263.677	18.62
585275	5452475	55278.7	55263.774	14.93
585275	5452500	55276.1	55263.871	12.23
585275	5452525	55278.4	55263.967	14.43
585275	5452550	55283.1	55264.064	19.04
585275	5452575	55288.2	55264.16	24.04
585275	5452600	55289.3	55264.255	25.05
585275	5452625	55287.9	55264.35	23.55
585275	5452650	55285.8	55264.444	21.36

585275	5452675	55285.5	55264.537	20.96
585275	5452700	55311.7	55264.629	47.07
585275	5452725	55288.7	55264.721	23.98
585275	5452750	55287.3	55264.811	22.49
585275	5452775	55288.9	55264.899	24.00
585275	5452800	55287.9	55264.986	22.91
585275	5452825	55289.7	55265.071	24.63
585275	5452850	55285.5	55265.154	20.35
585275	5452875	55281.7	55265.234	16.47
585275	5452900	55282.7	55265.311	17.39
585275	5452925	55281.3	55265.384	15.92
585275	5452950	55283.3	55265.453	17.85
585275	5452975	55285.9	55265.517	20.38
585275	5453000	55286	55265.577	20.42
585275	5453025	55286	55265.631	20.37
585300	5450675	55262.3	55257.014	5.29
585300	5450700	55262	55257.072	4.93
585300	5450725	55264.5	55257.133	7.37
585300	5450750	55269.4	55257.197	12.20
585300	5450775	55275.8	55257.264	18.54
585300	5450800	55277.7	55257.333	20.37
585300	5450825	55276	55257.406	18.59
585300	5450850	55270.2	55257.48	12.72
585300	5450875	55264.9	55257.557	7.34
585300	5450900	55265.4	55257.635	7.77
585300	5450925	55265.6	55257.716	7.88
585300	5450950	55270.4	55257.798	12.60
585300	5450975	55273	55257.882	15.12
585300	5451000	55267.8	55257.967	9.83
585300	5451025	55272.9	55258.054	14.85
585300	5451050	55278.3	55258.142	20.16
585300	5451075	55279.3	55258.231	21.07
585300	5451100	55299.9	55258.321	41.58
585300	5451125	55276.2	55258.413	17.79
585300	5451150	55280.3	55258.506	21.79
585300	5451175	55287.6	55258.599	29.00
585300	5451200	55282.9	55258.694	24.21
585300	5451225	55287.8	55258.79	29.01
585300	5451250	55288.8	55258.886	29.91
585300	5451275	55296.5	55258.983	37.52
585300	5451300	55302	55259.081	42.92
585300	5451325	55294.6	55259.18	35.42
585300	5451350	55286.1	55259.28	26.82
585300	5451375	55283.4	55259.38	24.02
585300	5451400	55283.4	55259.481	23.92
585300	5451425	55283.4	55259.582	23.82
585300	5451450	55276.5	55259.684	16.82
585300	5451475	55270.6	55259.787	10.81
585300	5451500	55271.4	55259.89	11.51
585300	5451525	55270.5	55259.994	10.51
585300	5451550	55274	55260.098	13.90
585300	5451575	55285.6	55260.202	25.40

585300	5451600	55277.5	55260.307	17.19
585300	5451625	55285.5	55260.412	25.09
585300	5451650	55288.7	55260.517	28.18
585300	5451675	55292.4	55260.622	31.78
585300	5451700	55293.8	55260.728	33.07
585300	5451725	55292.4	55260.833	31.57
585300	5451750	55281.6	55260.938	20.66
585300	5451775	55271.2	55261.042	10.16
585300	5451800	55275.1	55261.146	13.95
585300	5451825	55271.2	55261.249	9.95
585300	5451850	55279.7	55261.352	18.35
585300	5451875	55288.1	55261.453	26.65
585300	5451900	55291.3	55261.554	29.75
585300	5451925	55288.3	55261.654	26.65
585300	5451950	55285.9	55261.753	24.15
585300	5451975	55283.6	55261.851	21.75
585300	5452000	55286.3	55261.95	24.35
585300	5452025	55283	55262.047	20.95
585300	5452050	55282.5	55262.145	20.36
585300	5452075	55282.5	55262.243	20.26
585300	5452100	55285	55262.34	22.66
585300	5452125	55280.5	55262.438	18.06
585300	5452150	55280.7	55262.535	18.17
585300	5452175	55278.3	55262.633	15.67
585300	5452200	55277.1	55262.73	14.37
585300	5452225	55278.3	55262.828	15.47
585300	5452250	55278	55262.926	15.07
585300	5452275	55278.3	55263.023	15.28
585300	5452300	55277.9	55263.121	14.78
585300	5452325	55278.3	55263.219	15.08
585300	5452350	55284.6	55263.316	21.28
585300	5452375	55289.9	55263.414	26.49
585300	5452400	55290.6	55263.511	27.09
585300	5452425	55290.5	55263.609	26.89
585300	5452450	55284	55263.706	20.29
585300	5452475	55276.9	55263.803	13.10
585300	5452500	55277.7	55263.9	13.80
585300	5452525	55277.4	55263.996	13.40
585300	5452550	55282.8	55264.092	18.71
585300	5452575	55288.7	55264.188	24.51
585300	5452600	55290.3	55264.284	26.02
585300	5452625	55287.6	55264.379	23.22
585300	5452650	55279.5	55264.473	15.03
585300	5452675	55280.1	55264.566	15.53
585300	5452700	55271.9	55264.659	7.24
585300	5452725	55282.1	55264.751	17.35
585300	5452750	55280.5	55264.842	15.66
585300	5452775	55287.5	55264.931	22.57
585300	5452800	55289	55265.019	23.98
585300	5452825	55287.5	55265.104	22.40
585300	5452850	55285.6	55265.188	20.41
585300	5452875	55285.2	55265.269	19.93



585300	5452900	55284.8	55265.347	19.45
585300	5452925	55285.3	55265.421	19.88
585300	5452950	55284.1	55265.491	18.61
585300	5452975	55284.3	55265.556	18.74
585300	5453000	55284.4	55265.616	18.78
585300	5453025	55284.2	55265.671	18.53
585325	5450675	55264.1	55257.052	7.05
585325	5450700	55264.8	55257.11	7.69
585325	5450725	55264.5	55257.172	7.33
585325	5450750	55269.6	55257.236	12.36
585325	5450775	55275.5	55257.303	18.20
585325	5450800	55275.2	55257.373	17.83
585325	5450825	55275.3	55257.446	17.85
585325	5450850	55268.1	55257.521	10.58
585325	5450875	55261.4	55257.598	3.80
585325	5450900	55261.9	55257.677	4.22
585325	5450925	55261	55257.757	3.24
585325	5450950	55274.7	55257.839	16.86
585325	5450975	55292.9	55257.923	34.98
585325	5451000	55283.8	55258.009	25.79
585325	5451025	55294.6	55258.095	36.51
585325	5451050	55291.5	55258.183	33.32
585325	5451075	55301.8	55258.272	43.53
585325	5451100	55295.6	55258.363	37.24
585325	5451125	55296.2	55258.454	37.75
585325	5451150	55288.7	55258.547	30.15
585325	5451175	55288.2	55258.64	29.56
585325	5451200	55289.3	55258.735	30.57
585325	5451225	55288	55258.83	29.17
585325	5451250	55283	55258.927	24.07
585325	5451275	55283.3	55259.024	24.28
585325	5451300	55283.3	55259.122	24.18
585325	5451325	55281	55259.221	21.78
585325	5451350	55281.3	55259.32	21.98
585325	5451375	55281.3	55259.42	21.88
585325	5451400	55282	55259.521	22.48
585325	5451425	55281.5	55259.622	21.88
585325	5451450	55275.8	55259.725	16.08
585325	5451475	55270	55259.827	10.17
585325	5451500	55270.4	55259.93	10.47
585325	5451525	55270.6	55260.034	10.57
585325	5451550	55278.4	55260.138	18.26
585325	5451575	55276.4	55260.243	16.16
585325	5451600	55276.3	55260.348	15.95
585325	5451625	55276.9	55260.453	16.45
585325	5451650	55286.1	55260.559	25.54
585325	5451675	55288.8	55260.665	28.14
585325	5451700	55287	55260.771	26.23
585325	5451725	55288.7	55260.876	27.82
585325	5451750	55280.6	55260.982	19.62
585325	5451775	55276.8	55261.086	15.71
585325	5451800	55276.8	55261.191	15.61

585325	5451825	55277.6	55261.294	16.31
585325	5451850	55277.4	55261.396	16.00
585325	5451875	55279.3	55261.497	17.80
585325	5451900	55278.9	55261.597	17.30
585325	5451925	55279.6	55261.696	17.90
585325	5451950	55282.6	55261.794	20.81
585325	5451975	55284.2	55261.892	22.31
585325	5452000	55282.3	55261.989	20.31
585325	5452025	55282.9	55262.086	20.81
585325	5452050	55283.6	55262.183	21.42
585325	5452075	55281.6	55262.279	19.32
585325	5452100	55280.7	55262.376	18.32
585325	5452125	55282.3	55262.473	19.83
585325	5452150	55278.2	55262.569	15.63
585325	5452175	55279.4	55262.666	16.73
585325	5452200	55276.4	55262.763	13.64
585325	5452225	55279.2	55262.86	16.34
585325	5452250	55280	55262.957	17.04
585325	5452275	55282.1	55263.054	19.05
585325	5452300	55281.4	55263.151	18.25
585325	5452325	55282.8	55263.248	19.55
585325	5452350	55285.1	55263.345	21.76
585325	5452375	55290.8	55263.443	27.36
585325	5452400	55292.5	55263.54	28.96
585325	5452425	55289.9	55263.637	26.26
585325	5452450	55288.1	55263.734	24.37
585325	5452475	55279.6	55263.831	15.77
585325	5452500	55281.5	55263.927	17.57
585325	5452525	55279.9	55264.024	15.88
585325	5452550	55283.1	55264.12	18.98
585325	5452575	55284	55264.216	19.78
585325	5452600	55285.9	55264.311	21.59
585325	5452625	55283.1	55264.406	18.69
585325	5452650	55281.6	55264.5	17.10
585325	5452675	55272.1	55264.594	7.51
585325	5452700	55272	55264.687	7.31
585325	5452725	55272.1	55264.78	7.32
585325	5452750	55283.5	55264.871	18.63
585325	5452775	55285.5	55264.961	20.54
585325	5452800	55285.7	55265.049	20.65
585325	5452825	55285.5	55265.136	20.36
585325	5452850	55285.5	55265.221	20.28
585325	5452875	55285.1	55265.303	19.80
585325	5452900	55285	55265.382	19.62
585325	5452925	55285.2	55265.458	19.74
585325	5452950	55284	55265.529	18.47
585325	5452975	55283.3	55265.595	17.71
585325	5453000	55282.3	55265.656	16.64
585325	5453025	55283.5	55265.71	17.79
585350	5450675	55262.2	55257.09	5.11
585350	5450700	55262.7	55257.148	5.55
585350	5450725	55263.1	55257.21	5.89

585350	5450750	55267.9	55257.275	10.63
585350	5450775	55273.9	55257.343	16.56
585350	5450800	55273.6	55257.413	16.19
585350	5450825	55274.5	55257.486	17.01
585350	5450850	55267.5	55257.562	9.94
585350	5450875	55261.5	55257.639	3.86
585350	5450900	55259.4	55257.718	1.68
585350	5450925	55259.3	55257.799	1.50
585350	5450950	55280	55257.881	22.12
585350	5450975	55311	55257.965	53.04
585350	5451000	55318.8	55258.05	60.75
585350	5451025	55311.2	55258.137	53.06
585350	5451050	55295	55258.225	36.78
585350	5451075	55287.7	55258.314	29.39
585350	5451100	55285.9	55258.404	27.50
585350	5451125	55287.3	55258.496	28.80
585350	5451150	55280.8	55258.588	22.21
585350	5451175	55283.5	55258.681	24.82
585350	5451200	55282.5	55258.776	23.72
585350	5451225	55283.5	55258.871	24.63
585350	5451250	55278.4	55258.967	19.43
585350	5451275	55272	55259.064	12.94
585350	5451300	55272.9	55259.162	13.74
585350	5451325	55273.4	55259.261	14.14
585350	5451350	55276.1	55259.36	16.74
585350	5451375	55279.1	55259.46	19.64
585350	5451400	55277.5	55259.561	17.94
585350	5451425	55278.9	55259.662	19.24
585350	5451450	55274.9	55259.764	15.14
585350	5451475	55270.2	55259.867	10.33
585350	5451500	55268.7	55259.97	8.73
585350	5451525	55270.8	55260.074	10.73
585350	5451550	55274.4	55260.178	14.22
585350	5451575	55275.4	55260.283	15.12
585350	5451600	55275.2	55260.389	14.81
585350	5451625	55275.2	55260.494	14.71
585350	5451650	55281.5	55260.6	20.90
585350	5451675	55285.3	55260.706	24.59
585350	5451700	55288.9	55260.813	28.09
585350	5451725	55285.3	55260.919	24.38
585350	5451750	55283.9	55261.025	22.88
585350	5451775	55282.4	55261.13	21.27
585350	5451800	55283.6	55261.235	22.37
585350	5451825	55282	55261.338	20.66
585350	5451850	55279.1	55261.44	17.66
585350	5451875	55275.3	55261.541	13.76
585350	5451900	55274.7	55261.64	13.06
585350	5451925	55275.5	55261.738	13.76
585350	5451950	55282.5	55261.835	20.67
585350	5451975	55288	55261.932	26.07
585350	5452000	55290.2	55262.028	28.17
585350	5452025	55288.8	55262.123	26.68

585350	5452050	55284.1	55262.219	21.88
585350	5452075	55282.4	55262.315	20.09
585350	5452100	55282.3	55262.41	19.89
585350	5452125	55280.6	55262.506	18.09
585350	5452150	55281.5	55262.602	18.90
585350	5452175	55281	55262.698	18.30
585350	5452200	55282.7	55262.794	19.91
585350	5452225	55282.6	55262.89	19.71
585350	5452250	55283.3	55262.987	20.31
585350	5452275	55285.8	55263.083	22.72
585350	5452300	55289.3	55263.18	26.12
585350	5452325	55285.5	55263.277	22.22
585350	5452350	55285.7	55263.373	22.33
585350	5452375	55288.9	55263.47	25.43
585350	5452400	55289.5	55263.567	25.93
585350	5452425	55288.8	55263.664	25.14
585350	5452450	55281.9	55263.76	18.14
585350	5452475	55287.9	55263.857	24.04
585350	5452500	55281.5	55263.953	17.55
585350	5452525	55282.4	55264.049	18.35
585350	5452550	55281.5	55264.145	17.36
585350	5452575	55285.2	55264.241	20.96
585350	5452600	55291.2	55264.337	26.86
585350	5452625	55285.1	55264.432	20.67
585350	5452650	55277.4	55264.526	12.87
585350	5452675	55271.4	55264.62	6.78
585350	5452700	55271.8	55264.714	7.09
585350	5452725	55271.5	55264.806	6.69
585350	5452750	55279.1	55264.898	14.20
585350	5452775	55286.2	55264.989	21.21
585350	5452800	55285.7	55265.078	20.62
585350	5452825	55286.7	55265.166	21.53
585350	5452850	55284.3	55265.252	19.05
585350	5452875	55283.7	55265.336	18.36
585350	5452900	55284.3	55265.417	18.88
585350	5452925	55283.6	55265.494	18.11
585350	5452950	55283.9	55265.567	18.33
585350	5452975	55284.8	55265.634	19.17
585350	5453000	55283.8	55265.696	18.10
585350	5453025	55284.9	55265.75	19.15
585375	5450675	55262.2	55257.127	5.07
585375	5450700	55262.9	55257.185	5.72
585375	5450725	55263.2	55257.247	5.95
585375	5450750	55266.7	55257.313	9.39
585375	5450775	55270.2	55257.382	12.82
585375	5450800	55269.6	55257.453	12.15
585375	5450825	55270.5	55257.527	12.97
585375	5450850	55264.6	55257.602	7.00
585375	5450875	55259.4	55257.68	1.72
585375	5450900	55257.8	55257.76	0.04
585375	5450925	55259.9	55257.841	2.06
585375	5450950	55277.9	55257.923	19.98

585375	5450975	55307.3	55258.007	49.29
585375	5451000	55313.5	55258.092	55.41
585375	5451025	55307.3	55258.179	49.12
585375	5451050	55292.9	55258.267	34.63
585375	5451075	55275.8	55258.356	17.44
585375	5451100	55273.9	55258.446	15.45
585375	5451125	55275.5	55258.537	16.96
585375	5451150	55280.9	55258.629	22.27
585375	5451175	55281.1	55258.722	22.38
585375	5451200	55279.4	55258.817	20.58
585375	5451225	55280.8	55258.912	21.89
585375	5451250	55274.4	55259.008	15.39
585375	5451275	55267.4	55259.104	8.30
585375	5451300	55266.4	55259.202	7.20
585375	5451325	55268.6	55259.301	9.30
585375	5451350	55274.2	55259.4	14.80
585375	5451375	55278	55259.5	18.50
585375	5451400	55274.8	55259.6	15.20
585375	5451425	55277.6	55259.702	17.90
585375	5451450	55275.3	55259.804	15.50
585375	5451475	55272	55259.906	12.09
585375	5451500	55271.2	55260.01	11.19
585375	5451525	55271.8	55260.114	11.69
585375	5451550	55279.1	55260.218	18.88
585375	5451575	55283.8	55260.323	23.48
585375	5451600	55283.1	55260.429	22.67
585375	5451625	55283.2	55260.534	22.67
585375	5451650	55282.3	55260.641	21.66
585375	5451675	55279.4	55260.747	18.65
585375	5451700	55278.8	55260.854	17.95
585375	5451725	55279.4	55260.961	18.44
585375	5451750	55280.6	55261.068	19.53
585375	5451775	55283.3	55261.174	22.13
585375	5451800	55283.3	55261.279	22.02
585375	5451825	55282.8	55261.382	21.42
585375	5451850	55278	55261.484	16.52
585375	5451875	55275.2	55261.584	13.62
585375	5451900	55275.2	55261.682	13.52
585375	5451925	55275.1	55261.779	13.32
585375	5451950	55284.4	55261.875	22.53
585375	5451975	55294.6	55261.97	32.63
585375	5452000	55300.4	55262.065	38.34
585375	5452025	55293.8	55262.16	31.64
585375	5452050	55287.8	55262.254	25.55
585375	5452075	55281	55262.349	18.65
585375	5452100	55277.6	55262.443	15.16
585375	5452125	55281.4	55262.538	18.86
585375	5452150	55280.5	55262.633	17.87
585375	5452175	55279.8	55262.729	17.07
585375	5452200	55277.5	55262.824	14.68
585375	5452225	55280.4	55262.92	17.48
585375	5452250	55281.8	55263.016	18.78

585375	5452275	55284.3	55263.112	21.19
585375	5452300	55282.8	55263.208	19.59
585375	5452325	55284.8	55263.304	21.50
585375	5452350	55286.4	55263.4	23.00
585375	5452375	55286.8	55263.496	23.30
585375	5452400	55291.4	55263.593	27.81
585375	5452425	55286.6	55263.689	22.91
585375	5452450	55294.4	55263.785	30.62
585375	5452475	55297.6	55263.881	33.72
585375	5452500	55319	55263.977	55.02
585375	5452525	55299.4	55264.074	35.33
585375	5452550	55291.4	55264.169	27.23
585375	5452575	55283	55264.265	18.74
585375	5452600	55281.1	55264.36	16.74
585375	5452625	55282.9	55264.455	18.45
585375	5452650	55278	55264.55	13.45
585375	5452675	55272.5	55264.644	7.86
585375	5452700	55270.9	55264.738	6.16
585375	5452725	55272.6	55264.831	7.77
585375	5452750	55278.3	55264.923	13.38
585375	5452775	55285.8	55265.015	20.79
585375	5452800	55287.6	55265.105	22.50
585375	5452825	55286	55265.194	20.81
585375	5452850	55283.1	55265.281	17.82
585375	5452875	55282.1	55265.367	16.73
585375	5452900	55283.7	55265.449	18.25
585375	5452925	55282	55265.529	16.47
585375	5452950	55284.1	55265.604	18.50
585375	5452975	55287.3	55265.673	21.63
585375	5453000	55290.6	55265.736	24.86
585375	5453025	55287.3	55265.791	21.51
585400	5450675	55262.3	55257.163	5.14
585400	5450700	55262.8	55257.221	5.58
585400	5450725	55263	55257.284	5.72
585400	5450750	55266.6	55257.351	9.25
585400	5450775	55269.2	55257.421	11.78
585400	5450800	55269.3	55257.493	11.81
585400	5450825	55268.9	55257.567	11.33
585400	5450850	55266.9	55257.644	9.26
585400	5450875	55264.6	55257.722	6.88
585400	5450900	55264.5	55257.801	6.70
585400	5450925	55264.7	55257.883	6.82
585400	5450950	55274.3	55257.965	16.34
585400	5450975	55286.3	55258.049	28.25
585400	5451000	55284.2	55258.134	26.07
585400	5451025	55286.4	55258.221	28.18
585400	5451050	55280.6	55258.309	22.29
585400	5451075	55270.1	55258.397	11.70
585400	5451100	55267.3	55258.487	8.81
585400	5451125	55269.6	55258.578	11.02
585400	5451150	55276.5	55258.67	17.83
585400	5451175	55281.5	55258.763	22.74



585400	5451200	55283.2	55258.857	24.34
585400	5451225	55281.4	55258.952	22.45
585400	5451250	55275.4	55259.048	16.35
585400	5451275	55267.5	55259.145	8.36
585400	5451300	55267.7	55259.242	8.46
585400	5451325	55269.3	55259.34	9.96
585400	5451350	55275.6	55259.439	16.16
585400	5451375	55279.7	55259.539	20.16
585400	5451400	55277.7	55259.64	18.06
585400	5451425	55278.7	55259.741	18.96
585400	5451450	55275.3	55259.843	15.46
585400	5451475	55271.8	55259.945	11.86
585400	5451500	55271.1	55260.048	11.05
585400	5451525	55272.2	55260.152	12.05
585400	5451550	55278.5	55260.257	18.24
585400	5451575	55288	55260.362	27.64
585400	5451600	55289.1	55260.468	28.63
585400	5451625	55287.6	55260.574	27.03
585400	5451650	55280.9	55260.68	20.22
585400	5451675	55278.8	55260.787	18.01
585400	5451700	55279.2	55260.895	18.31
585400	5451725	55279	55261.002	18.00
585400	5451750	55281.3	55261.109	20.19
585400	5451775	55281.8	55261.216	20.58
585400	5451800	55283.8	55261.322	22.48
585400	5451825	55281.6	55261.426	20.17
585400	5451850	55278.5	55261.528	16.97
585400	5451875	55274.5	55261.627	12.87
585400	5451900	55274.8	55261.724	13.08
585400	5451925	55274.3	55261.82	12.48
585400	5451950	55282.5	55261.914	20.59
585400	5451975	55289.6	55262.008	27.59
585400	5452000	55290.3	55262.101	28.20
585400	5452025	55289.5	55262.194	27.31
585400	5452050	55284.5	55262.288	22.21
585400	5452075	55280.5	55262.381	18.12
585400	5452100	55281.2	55262.475	18.73
585400	5452125	55280.2	55262.569	17.63
585400	5452150	55282.3	55262.664	19.64
585400	5452175	55280.4	55262.758	17.64
585400	5452200	55275.9	55262.853	13.05
585400	5452225	55281.4	55262.948	18.45
585400	5452250	55282.2	55263.043	19.16
585400	5452275	55283.5	55263.138	20.36
585400	5452300	55280	55263.234	16.77
585400	5452325	55282.1	55263.329	18.77
585400	5452350	55283.4	55263.425	19.98
585400	5452375	55282.4	55263.521	18.88
585400	5452400	55279.9	55263.617	16.28
585400	5452425	55282.2	55263.713	18.49
585400	5452450	55278.1	55263.809	14.29
585400	5452475	55281.1	55263.904	17.20

585400	5452500	55270.7	55264	6.70
585400	5452525	55272.9	55264.096	8.80
585400	5452550	55276.7	55264.192	12.51
585400	5452575	55279.4	55264.287	15.11
585400	5452600	55281.4	55264.382	17.02
585400	5452625	55279.4	55264.477	14.92
585400	5452650	55277.4	55264.572	12.83
585400	5452675	55271.2	55264.666	6.53
585400	5452700	55273.4	55264.76	8.64
585400	5452725	55271.3	55264.853	6.45
585400	5452750	55275.4	55264.946	10.45
585400	5452775	55280.9	55265.038	15.86
585400	5452800	55281.1	55265.129	15.97
585400	5452825	55281.3	55265.219	16.08
585400	5452850	55279.8	55265.308	14.49
585400	5452875	55279.1	55265.395	13.71
585400	5452900	55278.7	55265.48	13.22
585400	5452925	55278.7	55265.562	13.14
585400	5452950	55281.3	55265.639	15.66
585400	5452975	55285.6	55265.712	19.89
585400	5453000	55286	55265.776	20.22
585400	5453025	55285.6	55265.832	19.77
585425	5450675	55263.1	55257.198	5.90
585425	5450700	55262.5	55257.257	5.24
585425	5450725	55263.4	55257.321	6.08
585425	5450750	55265.6	55257.389	8.21
585425	5450775	55267.9	55257.46	10.44
585425	5450800	55267.8	55257.533	10.27
585425	5450825	55267.8	55257.608	10.19
585425	5450850	55269.8	55257.685	12.12
585425	5450875	55268.8	55257.764	11.04
585425	5450900	55269.5	55257.844	11.66
585425	5450925	55269.8	55257.925	11.88
585425	5450950	55271.4	55258.008	13.39
585425	5450975	55271.9	55258.091	13.81
585425	5451000	55268	55258.177	9.82
585425	5451025	55271.9	55258.263	13.64
585425	5451050	55272.5	55258.351	14.15
585425	5451075	55267	55258.439	8.56
585425	5451100	55265.1	55258.529	6.57
585425	5451125	55266.6	55258.62	7.98
585425	5451150	55273.3	55258.711	14.59
585425	5451175	55281.1	55258.804	22.30
585425	5451200	55280.1	55258.898	21.20
585425	5451225	55280.8	55258.993	21.81
585425	5451250	55274.1	55259.088	15.01
585425	5451275	55269	55259.184	9.82
585425	5451300	55267.2	55259.282	7.92
585425	5451325	55269.6	55259.38	10.22
585425	5451350	55278.4	55259.478	18.92
585425	5451375	55284.5	55259.578	24.92
585425	5451400	55289.4	55259.678	29.72

585425	5451425	55284.1	55259.779	24.32
585425	5451450	55275.9	55259.881	16.02
585425	5451475	55268.2	55259.983	8.22
585425	5451500	55267.5	55260.087	7.41
585425	5451525	55268.6	55260.19	8.41
585425	5451550	55280.1	55260.295	19.81
585425	5451575	55289.5	55260.4	29.10
585425	5451600	55297.1	55260.506	36.59
585425	5451625	55288.6	55260.612	27.99
585425	5451650	55285.3	55260.719	24.58
585425	5451675	55280	55260.826	19.17
585425	5451700	55280.4	55260.934	19.47
585425	5451725	55280.5	55261.042	19.46
585425	5451750	55278.1	55261.15	16.95
585425	5451775	55277.4	55261.257	16.14
585425	5451800	55274.5	55261.364	13.14
585425	5451825	55277.4	55261.469	15.93
585425	5451850	55275	55261.571	13.43
585425	5451875	55273.4	55261.67	11.73
585425	5451900	55273.7	55261.765	11.94
585425	5451925	55273.2	55261.859	11.34
585425	5451950	55279.3	55261.951	17.35
585425	5451975	55286.3	55262.043	24.26
585425	5452000	55284.8	55262.135	22.67
585425	5452025	55285.9	55262.228	23.67
585425	5452050	55284	55262.32	21.68
585425	5452075	55283.2	55262.413	20.79
585425	5452100	55282.2	55262.506	19.69
585425	5452125	55283	55262.599	20.40
585425	5452150	55279.7	55262.692	17.01
585425	5452175	55277.9	55262.786	15.11
585425	5452200	55277.5	55262.88	14.62
585425	5452225	55279.3	55262.974	16.33
585425	5452250	55281.6	55263.069	18.53
585425	5452275	55283.6	55263.164	20.44
585425	5452300	55282	55263.259	18.74
585425	5452325	55282.8	55263.354	19.45
585425	5452350	55283.9	55263.449	20.45
585425	5452375	55286.4	55263.544	22.86
585425	5452400	55284.9	55263.64	21.26
585425	5452425	55286.4	55263.735	22.67
585425	5452450	55284.7	55263.83	20.87
585425	5452475	55279	55263.926	15.07
585425	5452500	55287.5	55264.021	23.48
585425	5452525	55281.6	55264.117	17.48
585425	5452550	55280.1	55264.212	15.89
585425	5452575	55282	55264.307	17.69
585425	5452600	55285.5	55264.402	21.10
585425	5452625	55281.7	55264.497	17.20
585425	5452650	55277.1	55264.592	12.51
585425	5452675	55270.3	55264.686	5.61
585425	5452700	55269.8	55264.78	5.02

585425	5452725	55271.1	55264.873	6.23
585425	5452750	55272.3	55264.966	7.33
585425	5452775	55274.2	55265.059	9.14
585425	5452800	55272	55265.15	6.85
585425	5452825	55274.5	55265.241	9.26
585425	5452850	55276.8	55265.331	11.47
585425	5452875	55276.7	55265.42	11.28
585425	5452900	55276.5	55265.507	10.99
585425	5452925	55277.2	55265.591	11.61
585425	5452950	55280	55265.673	14.33
585425	5452975	55282.2	55265.749	16.45
585425	5453000	55282.5	55265.817	16.68
585425	5453025	55282	55265.873	16.13
585450	5450675	55262.9	55257.233	5.67
585450	5450700	55263.7	55257.293	6.41
585450	5450725	55263.2	55257.359	5.84
585450	5450750	55264.2	55257.429	6.77
585450	5450775	55265.7	55257.501	8.20
585450	5450800	55263.8	55257.575	6.23
585450	5450825	55266.7	55257.65	9.05
585450	5450850	55268.2	55257.728	10.47
585450	5450875	55269.9	55257.806	12.09
585450	5450900	55270.7	55257.886	12.81
585450	5450925	55270.4	55257.968	12.43
585450	5450950	55271.3	55258.05	13.25
585450	5450975	55269.3	55258.134	11.17
585450	5451000	55269.5	55258.219	11.28
585450	5451025	55269.3	55258.305	11.00
585450	5451050	55271.1	55258.393	12.71
585450	5451075	55267.1	55258.481	8.62
585450	5451100	55269.8	55258.571	11.23
585450	5451125	55268.1	55258.661	9.44
585450	5451150	55272.9	55258.753	14.15
585450	5451175	55279.4	55258.845	20.56
585450	5451200	55280.7	55258.938	21.76
585450	5451225	55279.4	55259.033	20.37
585450	5451250	55274.5	55259.128	15.37
585450	5451275	55270.6	55259.224	11.38
585450	5451300	55271.4	55259.321	12.08
585450	5451325	55271.5	55259.419	12.08
585450	5451350	55276.9	55259.517	17.38
585450	5451375	55282.1	55259.616	22.48
585450	5451400	55281.8	55259.716	22.08
585450	5451425	55282.2	55259.817	22.38
585450	5451450	55274.1	55259.919	14.18
585450	5451475	55268.7	55260.021	8.68
585450	5451500	55269	55260.124	8.88
585450	5451525	55268.9	55260.228	8.67
585450	5451550	55272.8	55260.332	12.47
585450	5451575	55279.3	55260.437	18.86
585450	5451600	55280.9	55260.543	20.36
585450	5451625	55279.9	55260.649	19.25

585450	5451650	55277.1	55260.756	16.34
585450	5451675	55278.7	55260.863	17.84
585450	5451700	55281.2	55260.971	20.23
585450	5451725	55278.7	55261.08	17.62
585450	5451750	55278.6	55261.188	17.41
585450	5451775	55278	55261.297	16.70
585450	5451800	55279.2	55261.405	17.80
585450	5451825	55278.1	55261.512	16.59
585450	5451850	55276.3	55261.614	14.69
585450	5451875	55272.7	55261.712	10.99
585450	5451900	55272	55261.805	10.20
585450	5451925	55272.4	55261.896	10.50
585450	5451950	55278.2	55261.986	16.21
585450	5451975	55283.6	55262.077	21.52
585450	5452000	55283.7	55262.168	21.53
585450	5452025	55283.9	55262.259	21.64
585450	5452050	55286.3	55262.35	23.95
585450	5452075	55284.8	55262.442	22.36
585450	5452100	55288.6	55262.534	26.07
585450	5452125	55285.7	55262.627	23.07
585450	5452150	55280.7	55262.719	17.98
585450	5452175	55277.7	55262.813	14.89
585450	5452200	55277.1	55262.906	14.19
585450	5452225	55277.5	55263	14.50
585450	5452250	55281.5	55263.094	18.41
585450	5452275	55285.6	55263.188	22.41
585450	5452300	55286.1	55263.282	22.82
585450	5452325	55285.5	55263.376	22.12
585450	5452350	55287.7	55263.471	24.23
585450	5452375	55288	55263.566	24.43
585450	5452400	55295.4	55263.661	31.74
585450	5452425	55288.3	55263.756	24.54
585450	5452450	55287.1	55263.851	23.25
585450	5452475	55286.6	55263.946	22.65
585450	5452500	55287	55264.041	22.96
585450	5452525	55284.1	55264.136	19.96
585450	5452550	55282.5	55264.231	18.27
585450	5452575	55279.2	55264.325	14.88
585450	5452600	55278	55264.42	13.58
585450	5452625	55278.6	55264.515	14.09
585450	5452650	55272.4	55264.609	7.79
585450	5452675	55267.2	55264.703	2.50
585450	5452700	55267.7	55264.797	2.90
585450	5452725	55266.4	55264.89	1.51
585450	5452750	55269	55264.983	4.02
585450	5452775	55270.4	55265.076	5.32
585450	5452800	55269.2	55265.168	4.03
585450	5452825	55269.9	55265.26	4.64
585450	5452850	55273.4	55265.351	8.05
585450	5452875	55274.9	55265.44	9.46
585450	5452900	55278.5	55265.529	12.97
585450	5452925	55276.3	55265.617	10.68

585450	5452950	55277.9	55265.702	12.20
585450	5452975	55281.2	55265.783	15.42
585450	5453000	55281.3	55265.856	15.44
585450	5453025	55281.2	55265.915	15.29
585475	5450675	55260.9	55257.267	3.63
585475	5450700	55260.3	55257.329	2.97
585475	5450725	55261.2	55257.398	3.80
585475	5450750	55264.4	55257.469	6.93
585475	5450775	55266.4	55257.543	8.86
585475	5450800	55268.4	55257.617	10.78
585475	5450825	55267	55257.693	9.31
585475	5450850	55270.4	55257.771	12.63
585475	5450875	55270.2	55257.849	12.35
585475	5450900	55269.5	55257.93	11.57
585475	5450925	55270.6	55258.011	12.59
585475	5450950	55270.9	55258.093	12.81
585475	5450975	55271.6	55258.177	13.42
585475	5451000	55272.4	55258.262	14.14
585475	5451025	55271.6	55258.348	13.25
585475	5451050	55271.2	55258.435	12.77
585475	5451075	55271.2	55258.523	12.68
585475	5451100	55271.6	55258.612	12.99
585475	5451125	55271.5	55258.702	12.80
585475	5451150	55274.7	55258.794	15.91
585475	5451175	55278.7	55258.886	19.81
585475	5451200	55278.5	55258.979	19.52
585475	5451225	55278.5	55259.073	19.43
585475	5451250	55275.2	55259.168	16.03
585475	5451275	55271.7	55259.263	12.44
585475	5451300	55271.9	55259.36	12.54
585475	5451325	55271.7	55259.457	12.24
585475	5451350	55278.6	55259.556	19.04
585475	5451375	55282.6	55259.654	22.95
585475	5451400	55282.9	55259.754	23.15
585475	5451425	55282.6	55259.855	22.75
585475	5451450	55276.2	55259.956	16.24
585475	5451475	55269.4	55260.058	9.34
585475	5451500	55271.1	55260.161	10.94
585475	5451525	55270.1	55260.264	9.84
585475	5451550	55274.9	55260.368	14.53
585475	5451575	55278.1	55260.473	17.63
585475	5451600	55288.9	55260.578	28.32
585475	5451625	55279.5	55260.684	18.82
585475	5451650	55276.7	55260.791	15.91
585475	5451675	55271.7	55260.899	10.80
585475	5451700	55270.9	55261.007	9.89
585475	5451725	55271.4	55261.115	10.29
585475	5451750	55273.6	55261.224	12.38
585475	5451775	55275.7	55261.334	14.37
585475	5451800	55275.6	55261.444	14.16
585475	5451825	55275.9	55261.553	14.35
585475	5451850	55273.8	55261.657	12.14

585475	5451875	55271.2	55261.752	9.45
585475	5451900	55270.9	55261.841	9.06
585475	5451925	55271.3	55261.93	9.37
585475	5451950	55275.8	55262.019	13.78
585475	5451975	55280.1	55262.108	17.99
585475	5452000	55279.5	55262.198	17.30
585475	5452025	55280	55262.288	17.71
585475	5452050	55282	55262.379	19.62
585475	5452075	55283.2	55262.47	20.73
585475	5452100	55280.9	55262.561	18.34
585475	5452125	55281.9	55262.653	19.25
585475	5452150	55281.7	55262.745	18.96
585475	5452175	55279.2	55262.837	16.36
585475	5452200	55278.6	55262.93	15.67
585475	5452225	55278.6	55263.023	15.58
585475	5452250	55283.2	55263.117	20.08
585475	5452275	55288	55263.21	24.79
585475	5452300	55288.9	55263.304	25.60
585475	5452325	55288.3	55263.398	24.90
585475	5452350	55278.3	55263.492	14.81
585475	5452375	55271	55263.586	7.41
585475	5452400	55268.1	55263.68	4.42
585475	5452425	55270.6	55263.775	6.83
585475	5452450	55275.9	55263.869	12.03
585475	5452475	55282.4	55263.964	18.44
585475	5452500	55281.1	55264.058	17.04
585475	5452525	55282.3	55264.153	18.15
585475	5452550	55279.1	55264.247	14.85
585475	5452575	55274.8	55264.342	10.46
585475	5452600	55273.7	55264.436	9.26
585475	5452625	55274.6	55264.53	10.07
585475	5452650	55271.3	55264.624	6.68
585475	5452675	55263.2	55264.718	-1.52
585475	5452700	55262	55264.811	-2.81
585475	5452725	55263.9	55264.905	-1.00
585475	5452750	55268.8	55264.998	3.80
585475	5452775	55272.1	55265.09	7.01
585475	5452800	55271.4	55265.182	6.22
585475	5452825	55272.1	55265.274	6.83
585475	5452850	55273.2	55265.365	7.84
585475	5452875	55274.6	55265.456	9.14
585475	5452900	55274.6	55265.546	9.05
585475	5452925	55274.4	55265.635	8.77
585475	5452950	55277.3	55265.724	11.58
585475	5452975	55278.8	55265.81	12.99
585475	5453000	55280.8	55265.892	14.91
585475	5453025	55278.4	55265.957	12.44
585500	5450675	55259	55257.3	1.70
585500	5450700	55260	55257.37	2.63
585500	5450725	55259.3	55257.441	1.86
585500	5450750	55264.5	55257.513	6.99
585500	5450775	55275.6	55257.586	18.01



585500	5450800	55280	55257.661	22.34
585500	5450825	55277	55257.737	19.26
585500	5450850	55276	55257.815	18.19
585500	5450875	55270.6	55257.894	12.71
585500	5450900	55271	55257.973	13.03
585500	5450925	55270.4	55258.055	12.35
585500	5450950	55270.6	55258.137	12.46
585500	5450975	55271.5	55258.22	13.28
585500	5451000	55270.5	55258.305	12.20
585500	5451025	55271.6	55258.39	13.21
585500	5451050	55267.8	55258.477	9.32
585500	5451075	55268.2	55258.565	9.64
585500	5451100	55266.5	55258.654	7.85
585500	5451125	55267.5	55258.744	8.76
585500	5451150	55270.6	55258.835	11.77
585500	5451175	55276.3	55258.926	17.37
585500	5451200	55275	55259.019	15.98
585500	5451225	55275.7	55259.113	16.59
585500	5451250	55275.5	55259.207	16.29
585500	5451275	55274.6	55259.302	15.30
585500	5451300	55275.3	55259.399	15.90
585500	5451325	55274.8	55259.496	15.30
585500	5451350	55279.1	55259.593	19.51
585500	5451375	55283.9	55259.692	24.21
585500	5451400	55284.3	55259.791	24.51
585500	5451425	55282.5	55259.892	22.61
585500	5451450	55276.2	55259.992	16.21
585500	5451475	55270.9	55260.094	10.81
585500	5451500	55272.1	55260.196	11.90
585500	5451525	55271.8	55260.299	11.50
585500	5451550	55279	55260.403	18.60
585500	5451575	55281.7	55260.508	21.19
585500	5451600	55284.3	55260.613	23.69
585500	5451625	55285.9	55260.718	25.18
585500	5451650	55280.2	55260.825	19.38
585500	5451675	55270.9	55260.932	9.97
585500	5451700	55267.8	55261.04	6.76
585500	5451725	55268.7	55261.148	7.55
585500	5451750	55273.7	55261.257	12.44
585500	5451775	55274.5	55261.367	13.13
585500	5451800	55275.2	55261.477	13.72
585500	5451825	55274.7	55261.588	13.11
585500	5451850	55274.2	55261.7	12.50
585500	5451875	55272.3	55261.786	10.51
585500	5451900	55271.7	55261.873	9.83
585500	5451925	55271.6	55261.96	9.64
585500	5451950	55274.9	55262.048	12.85
585500	5451975	55277	55262.137	14.86
585500	5452000	55275.9	55262.226	13.67
585500	5452025	55276.8	55262.315	14.49
585500	5452050	55274.6	55262.405	12.20
585500	5452075	55273.9	55262.496	11.40

585500	5452100	55269.4	55262.586	6.81
585500	5452125	55273.4	55262.677	10.72
585500	5452150	55276.4	55262.769	13.63
585500	5452175	55278.8	55262.861	15.94
585500	5452200	55276.8	55262.953	13.85
585500	5452225	55278.1	55263.045	15.06
585500	5452250	55280.8	55263.138	17.66
585500	5452275	55288	55263.231	24.77
585500	5452300	55289	55263.324	25.68
585500	5452325	55289	55263.418	25.58
585500	5452350	55280.6	55263.511	17.09
585500	5452375	55263.6	55263.605	0.00
585500	5452400	55261.3	55263.698	-2.40
585500	5452425	55263.5	55263.792	-0.29
585500	5452450	55277.1	55263.886	13.21
585500	5452475	55279	55263.98	15.02
585500	5452500	55278.7	55264.074	14.63
585500	5452525	55279	55264.168	14.83
585500	5452550	55277.4	55264.262	13.14
585500	5452575	55274.7	55264.356	10.34
585500	5452600	55273.7	55264.45	9.25
585500	5452625	55274	55264.543	9.46
585500	5452650	55269.3	55264.637	4.66
585500	5452675	55262.8	55264.73	-1.93
585500	5452700	55260.7	55264.823	-4.12
585500	5452725	55262.2	55264.916	-2.72
585500	5452750	55267.6	55265.009	2.59
585500	5452775	55272.9	55265.101	7.80
585500	5452800	55272.7	55265.193	7.51
585500	5452825	55272.9	55265.284	7.62
585500	5452850	55270	55265.375	4.63
585500	5452875	55268.4	55265.466	2.93
585500	5452900	55269.9	55265.556	4.34
585500	5452925	55268.9	55265.646	3.25
585500	5452950	55272.1	55265.735	6.37
585500	5452975	55273.8	55265.824	7.98
585500	5453000	55272.7	55265.912	6.79
585500	5453025	55274	55266	8.00