Mag and VLF Survey on the South Rim Property

Omineca Mining Division British Columbia
NTS 093E06
Latitude 53.45000491 North – Longitude -127.3495928 West
UTM Zone 9, NAD 83
5923600N 609600E

For

Operator:
Inform Exploration

And

Owner:
St. Elias Mines

By

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October 11, 2012

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3.0 SUMMARY

This report describes a program of exploration undertaken during August 2012 on the South Rim Property, 100% owned by St. Elias Mines Ltd. and operated by Inform Exploration Ltd. Inform has the option to earn 75% ownership of the property. The details and status of the option agreement are beyond the scope of this report and readers are referred to St. Elias Mines News release 2010-09-13 for more details.

The South Rim property is prospective for shear hosted gold-silver-molybdenum-copper mineralization. The property consists of 21 contiguous claim blocks that covers known early stage structurally controlled gold bearing polymetallic vein occurrences identified in the BC Ministry of Mines (BCMEM) Minfile database as the COLES SHOWING (Minfile No. 093E110) and CINDERELLA SHOWING (Minfile No. 093E106). The claims are located in the Tahtsa Lake-White Sail Lake Exploration District approximately 30 kilometers south of the Huckleberry Mine.

The South Rim Property is situated south of Coles Lake, west of Coles Creek, north of Little White Sail Lake. Present access is by helicopter from Smithers, Houston or Burns Lake. It is approximately 0.7 and 0.9 hours to the property by helicopter from Houston and Smithers, respectively.

Molybdenite mineralization was first noted in float boulders by Al Potter while prospecting in the area in 1967. During 1978, Silver Standard Mines Limited conducted prospecting in the area. Extremely high molybdenite values were noted from float in moraine material which was traced for over 600 metres up slope almost to the edge of the glacier. Assay values of from 0.042 to 1.28% Mo were reported with a 256 pound grab sample taken by Mr. Potter in 1967 assaying 0.12% Mo. The molybdenite was observed to occur in pockets with sericitization of the adjacent rocks resulting in a green tint to the plagioclase.

Four kilometres to the east of the molybdenite mineralization, quartz veins containing anomalous gold mineralization were first noted in the area during the summer of 1982 by Richards, Suratt, Holden and Bell while engaged in a reconnaissance exploration program in the Whitesail Lake area. Early work was targeting the anomalous precious metal values noted in the north trending structures. Epithermal quartz veins and silicified rocks are associated with shear zones and range from stringers to three metres in width. The quartz is described as generally white, and occurring as vuggy, coxcomb, sugary, massive and cherty types in veins that are discrete, banded, stockworks or boxwork structures (Richards, 1984). Twelve mineralized showings were identified with the best Au assay of 24 ppm over a meter.

In 2010 Inform Exploration carried out an exploration program consisting of a geological review of the Tahtsa Lake to White Sail Lake Exploration District, a GIS compilation of all historic technical data within and adjoining the South Rim Property, a lineament study from a 2007 orthophoto, a petrographic study, a verification rock geochemical sampling and infill soil sampling program designed to evaluate the on strike projections of known mineral showings. A total of 1283 soil samples and 81 rock samples were collected during the 2010 exploration program.

The results of the 2010 exploration program successfully verified the known mineral showings referred to as "Main Creek", "High View", "East Side", "Center View", and "V.P" showings. Gold values up to 3460 ppb were observed on the property. The petrographic study verified the epithermal nature of the mineralization. The lineament.study successfully showed a correlation between known mineralization and large scale first order lineament observations. The lineament study also indicated 3 favourable directions of mineralization and identified a number of structures that could hold the potential of undiscovered mineralization.

In August 2012 Inform Exploration followed up the 2010 exploration program with a Mag and VLF geophysical survey over the Moly Float Zone and the Gold/Moly quartz vein Zone. Prospecting was also carried out in both zones. The geophysical survey in Moly Float Zone consisted of 17.8 line km's covering an area of $0.85km^2$. The geophysical survey in the Gold/Moly quartz vein hosted Zone consisted of 27 line km's covering an area of $1.275km^2$. A total of 31 rock samples were collected during the 2012 exploration program.

The rock samples collected in the Moly Float Zone are the most substantially mineralized samples collected on the South Rim property to date. Of the sixteen samples collected in the Moly Float Zone seven returned Mo greater than 1000 ppm and one of those seven returned Mo greater than 5%. Two samples that returned Mo greater than 1000 ppm also returned Cu greater than 1000 ppm.

The Mag and VLF geophysical surveys carried out show a number interesting features however none of these features have been conclusively related to known mineralization. The Main Zone Mag survey has a higher Total Magnetic Field response in the west side of the survey grid than it does in the east side of the survey. The average total magnetic field change from west to east is approximately 150nT. Some north and north-west linear features can be seen throughout the grid. The linear features are typically represented by ~55,800 nT high surrounded by ~55,600 nT lows. The VLF survey did not show any strong conductive bodies for the Seattle or Hawaii frequencies.

The Moly Zone Mag survey has a higher Total Magnetic Field response in the east side of the survey grid than it does in the west side of the survey. The average total magnetic field change from west to east is approximately 170nT. Some north-west linear features can be seen throughout the grid. The linear features are typically represented by ~55,900 nT high surrounded by ~55,700 nT lows. The VLF survey did not show any strong conductive bodies for the Seattle frequencies; however the Hawaii frequencies appear to pick up a conductive body in the center of the grid striking in a north-south direction.

In the authors opinion based on the results of the 2012 exploration program the South Rim property further exploration is required in the Moly Float Zone. The source of the Moly Float needs to be traced to outcrop. It is possible that the mineralized source of the Moly Float strikes underneath the debris field north of the lake where the current geophysical survey is placed. If this is true an IP chargeability survey should pick up the insitu Molybdenite and Chalcopyrite mineralization.

4.0 Property Description and Location

4.1 Property Description and Location

St. Elias Mines holds a 100% interest in 21 contiguous mineral tenures (8,221.51 hectares) that cover a staircase shaped triangle of ground located approximately 25 kilometers south of Huckleberry Mine in west central BC. All of the claims which comprise the South Rim Property were staked pursuant to the BC Ministry of Energy and Mines MTO system (Mineral Titles Online System). Based on the acceptance of this report the expiry date of the South Rim claim package is October 15, 2013. The location of the property relative to other mining claims, local communities, parks and access roads is shown in Figure 1. The individual claim tenure numbers are shown in Figure 2. The South Rim property is located within the NTS Mapsheet 93E06 (1:50,000), and BCGS Mapsheet 93E044 (1:20,000).

The mineral cell title claim statistics are summarized in Table 1; note that this claim information is not a legal title opinion but is a compilation of claims data based on the author's review of the government of the British Columbia Mineral Rights inquiry website (BC Mineral Titles October 12, 2012). The mineral claims do not have to be legally surveyed; since they are BC Government established mineral cell title claim.

Table 1. Mineral Tenures for the South Rim Property

Tenure Number	Tenure Name	Owner	Tenure Type	Old Good To Date	New Good To Date*	Area (ha)
622743	COLES LAKE SOUTH	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.436
622803	CLS AU	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	77.0037
622823	CLS AU 2	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	77.0257
629463	ELMO	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	96.2648
703886	CLS 3	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.4564
703887	CLS 4	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.3676
703890	CLS 5	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	442.6953
703904	CLS 6	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	38.5036
703923	CLS 7	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.2595
703925	CLS 8	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.3436
703926	CLS 9	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.5863
703928	CLS 10	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.0766
703929	CLS 11	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.279
703931	CLS 12	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.0799
703932	CLS 13	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.2656
703933	CLS 14	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.6284
703934	CLS 15	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.1529
703935	CLS 16	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	288.6033
703943	CLS 16	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.8114
703944	CLS 17	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	462.498
703963	703963	St. Elias Mines	Mineral	2012/oct/15	2013/oct/15	481.1751
					Total Area	8221.513

*With the acceptance of this report

5.0 Accessibility, Infrastructure, Climate and Physiography

5.1 Accessibility and Infrastructure

The South Rim Property is situated south of Coles Lake, west of Coles Creek and north of Little White Sail Lake approximately 30 kilometers south of the Huckleberry Mine. Present access is by helicopter from Smithers, Houston or Burns Lake. It is approximately 0.7 and 0.9 hours to the property by helicopter from Houston and Smithers, respectively.

The Morice-Tahtsa forest service road (Huckelberry Mine road) leads to a suitable gravel pit/staging area, 4 kilometers west of the 113 kilometer turn off. From this staging area the South Rim property is approximately 0.2 hours south. Driving time from Houston to the Huckleberry staging area is approximately 1.5 hours. Alternatively, turn off on the the Tahtsa Reach road at kilometer 89 of the Morice-Tahtsa forest service road (Huckelberry Mine road). At the end of this road there is a forestry camp and a private barge that can take trucks and equipment to the south side Tahtsa Reach. From the south side of the Tahtsa Reach a forest service road goes west to Kasalka Creek approximately 0.15 hours by helicopter to the South Rim property.

Experienced field personnel and drilling contractors are available in the community of Smithers.

5.2 Climate and Physiography

The South Rim property extends south from Coles Lake and covers ground rising from 900 metres to about 1,900 metres above sea-level. The claims continue, to the south, to the northwestern shore of Little White-sail Lake at about 853m elevation above sea level. The topography varies from mountainous in the central claims area to hilly and locally flat in the northern claims. The south side of the mountainous terrain is very steep and rugged to the northern shore of Little White Sail Lake. Several lakes and streams on the property carry adequate amounts of water for exploration and mining. Mature balsam and hemlock cover much of the northern and eastern lower elevations of the property while the western upper elevations are sparsely covered by subalpine scrub. Swampland occurs in areas near Coles Lake. Glaciers and moraine material occur on the mountainous western part of the property south of Coles Lake. Snow is present on the property from mid-October until about early-June.

6.0 History of Exploration

6.1 Exploration carried out by Silver Standard Mines (ARIS: 7801)

Molybdenite mineralization was first noted in float boulders by Al Potter while prospecting in the area in 1967. During 1978, Silver Standard Mines Limited conducted prospecting in the area. Extremely high molybdenite values were noted from float in moraine material which was traced for over 600 metres up slope almost to the edge of the glacier. Assay values of from 0.042 to 1.28% Mo were reported with a 256 pound grab sample taken by Mr. Potter in 1967 assaying 0.12% Mo. The molybdenite was observed to occur in pockets with sericitization of the adjacent rocks resulting in a green tint to the plagioclase. Elevated radioactivity was noted in mineralized alaskite, possibly caused by secondary uranium salts. Early sampling by Mr. Potter returned assays of from 4.0 PPM to 0.029% U_3O_8, in addition to the significant assays of Mo and up to 5.70% F. Float material of calcareous volcanics with up to 50% garnet, 10% pyrite, minor chalcopyrite, galena, sphalerite and some molybdenite were also reported by Mr. Potter from the eastern contact of the intrusive. There is no record of the source of this material being evaluated.

Silver Standards claim outline with respect to the South Rim property is shown in Figure 4. Silver Standards maps have been georeferenced and sample locations have been plotted in Figure 5. The molybdenum float train identified by Al Potter is shown in Figure 6. A summary of work done by Silver Standard on ground currently covered by the South Rim property is provided in Table 2.

Table 2. Summary of Work Carried out by Silver Standards

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Silver Standard Mines HAM	15 rocks 30 silt				Potter, A.R.C (1979) ARIS: 7801

6.2 Exploration carried out by Nuspar Resources (ARIS: 12666, 12802, 13070, 13866, 14531)

Quartz veins containing anomalous gold mineralization were first noted in the area during the summer of 1982 by Richards, Suratt, Holden and Bell while engaged in a reconnaissance exploration program in the Whitesail Lake area. The Cole 1 through 4 claims were subsequently staked in 1983 by Dr. Tom Richards and were optioned to Nuspar Resources Ltd. Work in 1984 and 1985 included geological mapping, prospecting and rock geochemistry. This work was targeting the anomalous precious metal values noted in the north trending structures lying to the east of the intrusive contact. Epithermal quartz veins and silicified rocks are associated with shear zones and range from stringers to three metres in width. The quartz is described as generally white, and occurring as vuggy, coxcomb, sugary, massive and cherty types in veins that are discrete, banded, stockworks or boxwork structures (Richards, 1984). Pyrite is the dominant sulphide, ranging from nil to 10%; minor chalcopyrite was also reported. All the veins are accompanied by some degree of alteration along the selvage of the shear or vein.

Propyllitization is the most common alteration, extending from less-than one meter to in excess of 5 meters from the vein margin. Bleaching (argillic alteration) is most noted immediately adjacent vein walls and in fragments of wall rock included within the vein.

Seven showings were identified: High View Showing, Camp View Showing, Center View Showing, Chalco Showing, South Side Showing, Low View Showing and East Side Showing. All significant mineralization was found to be related to shear zones. The claims were allowed to lapse.

Nuspar Resources claim outline with respect to the South Rim property is shown in Figure 4. Nuspar Resources maps have been georeferenced and sample locations have been plotted in Figure 5. The showings identified by Nuspar Resources are shown in Figure 6. A summary of work done by Nuspar Resources on ground currently covered by the South Rim property is provided in Table 3.

Table 3. Summary of Work Carried out by Nuspar Resources

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Nuspar Resources Cole Property	78 rocks 52 soils				Richards, T.A. (1984a) ARIS: 12666
Nuspar Resources Swimming Bear & Sleeping Giant	78 rock 6 silt				Richards, T.A. (1984b) ARIS: 12802
Gradison, C.A. Cinderella Group	30 rock				Richards, T.A. (1984c) ARIS: 13070
Nuspar Resources Swimming Bear & Sleeping Giant		Ground: VLF-EM 15 line km			Richards, T.A. (1985a) ARIS: 13866
Nuspar Resources Coles Property	134 rock				Richards, T.A. (1985b) ARIS: 14531

6.3 Exploration carried out by QPX Minerals (ARIS: 16677, 17962)

In 1987 the claims were restaked and optioned to QPX Minerals Inc. During 1987, Mine Quest Exploration Associates Ltd. performed preliminary geological mapping, rock chip sampling and soil sampling. A further five mineralized showings were discovered. These include the Amethyst, Main Creek, Northwest, V.P. and West Side showings. Gold values range from trace to 24,000 ppb across 1 metre (Chalco Showing, L.J.Lee, 1987). Significant silver values (25.6 ppm in float) as well as anomalous values of As, Sb, Bi, Se, and Te have been detected. At the

West Side Showing, while neither gold or silver were anomalous, values of up to 1,500 ppb Hg and 5,723 ppm As, with anomalous Sb, Se and Te were reported (L.J.Lee, 1987).

QPX Minerals claim outline with respect to the South Rim property is shown in Figure 4. QPX Minerals maps have been georeferenced and sample locations have been plotted in Figure 5. QPX Minerals maps have been georeferenced and sample locations have been plotted in Figure 6. A summary of work done by Nuspar Resources on ground currently covered by the South Rim property is provided in Table 4.

Table 4. Summary of Work Carried out by QPX Resources

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
QPX Minerals Cole Property	74 rocks 3 silt 126 soils				Lee, L.J. (1987) ARIS: 16677
QPX Minerals Cole Property	78 rocks				Gourlay, A.W. (1988) ARIS: 17962

6.4 Exploration carried out by Hi Ho Silver Resources (ARIS: 29662)

In 2007 Hi Ho Silver Resources put a field program together to relocate, sample and find the source of the previously reported high grade molybdenite mineralization, found by Silver Standards and to carry out reconnaissance geological mapping to look for prospective geology and mineralized showings. An area of approximately three square kilometres was mapped in a reconnaissance fashion. Five float samples were collected that returned anomalous values of Mo, Cu, Pb and Zn. A summary of work done by Hi Ho Silver Resources on ground currently covered by the South Rim property is provided in Table 5.

Table 5. Summary of Work Carried out by Hi Ho Silver Resources

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Hi Ho Silver South Rim Property	5 rocks				Reynolds, P. (2007) ARIS: 29662

6.5 Exploration carried out by Inform Exploration (ARIS: 32301)

In 2010 Inform Exploration carried out a field program consisting of a geological review of the Tahtsa Lake to White Sail Lake Exploration District, a GIS compilation of all historic technical data within and adjoining the South Rim Property, a lineament study from a 2007 orthophoto, a petrographic study, a verification rock geochemical sampling and infill soil sampling program designed to evaluate the on strike projections of known mineral showings referred to by QPX Minerals as “Main Creek”, “High View”, “East Side”, “Center View”, and “V.P” showings. A total of 1285 soil samples and 81 rock samples were collected during the 2010 exploration program. The locations of each soil and rock sample are shown in Figures 7 and 8. The soil grid covered an area of 1.5 km x 1.0 km with station spacing at 25m in the east-west direction and line spacing at 50m in the north-south direction.

The results of the 2010 exploration program successfully verified the known mineral showings referred to as “Main Creek”, “High View”, “East Side”, “Center View”, and “V.P” showings. Gold values up to 3460 ppb were observed on the property. The petrographic study verified the epithermal nature of the mineralization. The lineament.study successfully showed a correlation between known mineralization and large scale first order lineament observations. The lineament study also indicated 3 favourable directions of mineralization and identified a number of structures that could hold the potential of undiscovered mineralization.

A summary of work done by Inform Exploration on ground currently covered by the South Rim property is provided in Table 6.

Table 6. Summary of Work Carried out by Inform Exploration

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Inform Exploration South Rim	1,285 soil 81 rock				Thom, J. (2010) ARIS: 32301

7.0 Geological Setting

Regional mapping of the Whitesail area by Duffell (1959), Hodder and MacIntyre (1980), Tipper et al. (1979) and Woodsworth (1980) shows that the area of interest lies along the eastern margin of the Coast Plutonic Complex. Lower Jurassic volcanics and interbedded sediments of the Hazelton Group predominate to the east of this complex. Overlying the Hazelton volcanics are epiclastic rocks of the Upper Jurassic Ashman Formation and the Lower Cretaceous Skeena Group. These are in turn overlain by the Upper Cretaceous volcanic rocks of the Kasalka Group. Finally, Tertiary volcanism deposited the siliceous volcanic rocks of the Ootsa Lake Group and the basalts of the Endako Group. Intrusive rocks, ranging in composition from granites to gabbros, are also present in the area. These intrusives vary in age from Tertiary to possible as old as Paleozoic (Figure 3).

Richards (1984) and Woodsworth (1980) have mapped a resurgent caldera, at least 20 km in diameter, immediately north of the claims. The collapsed caldera center consists of Kasalka and Skeena Group rocks, with a number of intrusions. Several potentially economic mineral deposits occur in association with small granodiorite stocks which may be located at the intersection of ring and radial fractures related to the caldera formation (Hodder and MacIntyre, 1980). It appears that a section of the caldera ring fractures zone underlies the South Rim property. The area of interest is also cut by a series of north to north-easterly trending faults (Figure 3).

Mapping on the South Rim Property has shown that the area is primarily underlain by volcanic and minor sedimentary rocks of the Lower Jurassic Telkwa Formation of the Hazelton Group (Figure 3). The rocks generally dip steeply north-west and consist mainly of subaerial, thick-bedded purple to green lapilli tuffs and volcanic breccias. Minor interbedded sediments, mainly mudstones, are also present. Intermediate dykes are relatively common cutting through the volcanics. A series of north trending faults cross the property. Less major northeast and northwest trending faults are also present. The faults are generally marked by steep banked creeks; quartz-feldspar porphyry dykes often occur in the fault zones. Richards (1985) reports the presence of hornblende - feldspar porphyry dykes, in addition to those mentioned above. Fault breccias, silicified zones and quartz-carbonate veining are also common in fault zones. According to Richards (1985), the western most creek present on the property represents a major north to northwest trending shear zone. Rocks to the west of the fault consist of indurated and hornfelsed Hazelton Group volcanics. The volcanics are cut by numerous dykes associated with the nearby Coast Intrusions. The normal component of the fault is thought to be down to the east. It is believed that the vein system resulted from tension-gash openings resulting from movement along this fault. The movement is thought to be coincident with the emplacement of the Coast intrusions and evolution of the Tahtsa caldera. Mineralization developed as a result of volcanic-tectonic activities.

8.0 Deposit Types

References for deposit characteristics are the British Columbia government mineral deposit profiles web site and the Northern Miner "Geology 101" web site (Section 21 References).

Shear Hosted Gold-Silver (± polymetallic) Vein deposits

South Rim property mineralization is similar to most shear related lode gold deposits. Mineralization is epigenetic in nature and formed from structurally focussed hydrothermal fluids, which create a system of low sulphide quartz veins, veinlets or stockworks. These deposits are normally associated with major regional scale structural "breaks" or faults. Deposits are often located in or near a plutonic body. Vein systems often occur in the central parts of discrete shear zones within a larger regional fault, where rotational or simple shear strains predominate. Vein systems are tabular, sub vertical structures of varying thickness and lateral extent; where typical thickness is measured in metres and the strike-dip dimensions are measured in tens or hundreds of metres. The economically viable part of the vein system may be considerably smaller than the whole shear system; often forming discreet shoots of mineralization. Precious metal mineralization often occurs as coarse individual grains. As a result of the coarse individual grains this type of deposit difficult to evaluate, due to a "nugget effect" on sample analyses.

Quartz veins usually have sharp contacts with wallrocks and exhibit a variety of textures, including massive, ribboned or banded and stockworks with anastamosing gashes and dilations. Textures may be modified or destroyed by subsequent deformation. Wallrock alteration is characterized by silicification, pyritization and potassium metasomatism generally occurring adjacent to veins (usually within a metre) within a broader zone of carbonate alteration, extending up to tens of metres from the veins. Quartz-carbonate altered rock (listwanite) and pyrite are often the most prominent alteration minerals in the wallrock. Fuchsite, sericite, tourmaline and scheelite are common where veins are associated with felsic to intermediate intrusions.

Ore mineralogy can include: gold, silver, arsenopyrite chalcopyrite, pyrite, sphalerite, tetrahedrite, argentite, pyrrhotite, galena, tellurides, scheelite, and bismuth.

Gangue mineralogy includes: quartz and carbonate (calcite, dolomite, ankerite or siderite), hematite-limonite, mariposite (fuchsite), sericite, muscovite, chlorite, tourmaline, graphite.

Typical geophysical signature: Associated structures may be defined by ground magnetic, very low frequency or electromagnetic surveys. Airborne surveys may identify prospective regional-scale major structures.

Other similar British Columbia lode gold deposits include Bralorne-Pioneer and Premier mining camps. Other well-known examples of lode gold mining camps are Red Lake (Ontario) and Kirkland Lake (Ontario).

9.0 2012 Exploration Program

9.1 Summary of exploration work carried out in 2012

In 2012 Inform Exploration followed up the 2010 exploration program with a Mag and VLF geophysical survey over the Moly Float Zone and the Gold/Moly quartz vein Zone. Prospecting was also carried out in both zones. The geophysical survey in Moly Float Zone consisted of 18.7 line km's covering an area of 0.85km^2. The geophysical survey in the Gold/Moly quartz vein hosted Zone consisted of 27 line km's covering an area of 1.275km^2. A total of 31 rock samples were collected during the 2012 exploration program.

The Mag and VLF geophysical survey were designed to determine if either geophysical method would respond over strike projections of known mineral showings referred to as "Main Creek", "High View", "East Side", "Center View", "V.P" showings and "Moly Float" zone. The location of each geophysical survey stattion and rock sample station was noted, in UTM coordinates (NAD83 zone 9), with the aid of a hand-held GPS (Garmin 60CSx) and are shown in Figures 7, 8, 9, 10, 11, and 12 they are also listed in Appendix 3 and 4.

9.2 Mag and VLF Geophysical Survey

Grid Information

The South Rim geophysical survey consisted of two grids given the names "Moly Zone" and "Main Zone" (Figure XX). The Main Zone grid consisted of 18 east-west lines. Line and station labels for the grid were based on UTM positions of the stations. The lines were spaced at 50m and were labeled from 5,923,950 to 5,924,800, each 1.5km long. Stations were spaced at 25m and were not marked or flagged. The Moly Zone grid consisted of 11 east-west lines. Line and station labels for the grid were based on UTM positions of the stations. The lines were spaced at 50m and were labeled from 5,923,600 to 5,924,100, each 1.7km long. Stations were spaced at 25m and were not marked or flagged.

Station location in the field was determined by going to a waypoint using a Garmin 62CSX GPS. Waypoints for each survey station were preloaded into the GPS and accuracy ranged from +/-3 to +/-10m.

Survey Parameters and Instrumentation

The magnetic survey utilized a stationary base unit to record the magnetic field to allow for the removal of the diurnal variation in the measured data. The base station recorded data at 3 second intervals. The mobile units recorded the total magnetic field every 25m alone the grid line traverses. Calibration measurements were taken by the mobile units at the start and end of each day to account for level shifts between the different instruments and to get a sense of the error in the data. The physical location of the base station and the calibration station are 620050E/5933550N and 620075E/5933550N, respectively.

Geophysical Techniques – Magnetic Survey Method

Magnetic intensity measurments are taken along survey traverses and are used to identify metallic mineralization related to magnetic material in the ground (e.g., magnetite and/or pyrrhotite). Magnetic data are also used as a mapping tool to distinguish rock types and to

identify faults, bedding, structure and alteration zones. Line and station intervals are usually determined by the size and depth of the exploration targets.

The magnetic field has both an amplitude and a direction the instrument used in the survey measures both components. The most common technique used in mineral exploration is to measure just the amplitude component using an overhauser magnetometer. The instrument digitally records the survey line, station, total magnetic field and time of day at each station. After each day of surveying, data are downloaded to a computer for archiving and further processing.

The earth's magnetic field is continually changing (diurnal variations) so field measurements are calibrated to these variations. The most accurate technique is to establish a stationary base station magnetometer to continually monitor and record the magnetic field over the course of a day. The base station and field magnetometers are synchronized on the basis of time and computer software is used to correct the field data for the diurnal variations.

Geophysical Techniques – VLF-EM Method

The VLF-EM method uses powerful radio transmitters set up in different parts of the world for military communication. In radio communications terminology, VLF-EM stands for very low frequency, about 15 to 25 kHz. This is actually very high relative to frequencies generally used in geophysical exploration. The VLF-EM survey used two frequencies, Seattle (24.8 kHz) and Hawaii (21.4 kHz).

The signals from these powerful radio transmitters induce electric currents in conductive bodies thousands of miles away. Induced currents produce secondary magnetic fields which can be detected at surface as deviations of the normal VLF-EM field.

Successful use of VLF-EM requires that the strike of the conductor be in the direction of the VLF-EM station so that the lines of magnetic field from the VLF-EM signal cut the conductor at close to right angles. The secondary field (from the conductor) is added to the primary field (or any component) and the phase between any two components. The tilt angle is sometimes referred to as the in phase component. The phase difference is sometimes referred to as the out of phase or quadrature component.

Interpretation is quite simple and usually conducted on profile plots that compare the component data to the horizontal locations along the survey line. A conductor will be located at the inflection point marking the crossover from positive tilt to negative tilt and the maximum in field strength. One cannot make reliable estimates of conductor quality. A rule of thumb depth estimates can be made from the distance between the positive and negative peaks in the tilt angle profile.

The most common data processing technique is called Fraser Filtering. This filter operator smoothes the data and applies a phase shift such that a peak is situated above the conductive target, rather than a zero crossing. The formula for the Fraser filter operator is:

$$F(n+2.5) = (Data\ (n) + Data(n+1)) – (Data\ (n+2) + Data(n+3))$$

The major disadvantage of the VLF-EM method is that the high frequencies result in a multitude of anomalies from unwanted sources such as swamp edges, creeks and topographic highs. It also has very limited depth penetration and the operator has no control over the transmitted signal. It could be off when you want to use it or it may be impossible to get a powerful enough VLF-EM transmitter to be near the expected strike of the target conductor. One way to compensate for this later problem is with the use of portable VLF-EM transmitters. These units have limited power and therefore limited range, but can be positioned to provide optimum geometry for localized surveys.

The major advantages of the VLF-EM method are that it is relatively inexpensive, fast and can be a useful prospecting tool. The tendency for VLF-EM to respond to poor conductors aids in the mapping of faults and rock contacts.

Data Processing – Acquisition and Quality Assurance Measures

On each day of surveying, geophysical and location information was dumped to external computers for archiving and data processing. Initial quality control of the data was completed by the survey crew at the camp and then sent to DGW Consultants Ltd. in Vancouver, BC, for final quality control, processing and mapping.

Location information measured in the field (ground distances, slopes, azimuths, and GPS control points) are imported into a database. Within the database, automatic calculations are performed to generate UTM coordinates for every survey station. A visual review can then be performed to verify the locational information.

The Magnetic data is corrected for diurnal variation using the following formula:

$$Data_{cor} = Data_{raw} - Data_{base} + \text{Datum}$$

where $Data_{cor}$ is the corrected data, $Data_{raw}$ is the raw data from the mobile magnetometer, $Data_{base}$ is the base station reading for the same time period, and Datum = 56000nT. In the final spreadsheet, suspect or poor quality points are flagged and removed. Calibration readings are verified to ensure the morning and afternoon readings are within set tolerances to determine instrumentation repeatability and noise of operator. In addition, any static shifts (differences) between multiple the instruments or even between the different days can be corrected for.

Equipment – GSM-19 Overhauser combination Magnetometer & VLF-EM

Resolution:	0.01 nT, magnetic field gradient
Accuracy:	0.2 nT over operating range
Range:	20,000 to 120,000 nT
Gradient Tolerance:	Over 10,000 nT/meter
Reading:	Initiated by keyboard depression, external trigger or carriage return via RS-232C
Input/Output:	6 Pin weatherproof connector, RS-232C, and optional analog output
Power Requirements:	12V 200 mA peak (during polarization) 30 mA standby 300 mA peak in gradiometer
Power Source:	Internal 12V, 1,9 Ah sealed lead-acid battery standard, other optional External 12V power source can be used
Battery Charger:	Input: 110/220V AC, 50/60 Hz and/or 12V DC Output: 12V dual level charging
Oper. Temperature:	-40C to 60C
Battery Voltage:	10V min. to 15V max.

9.3 Prospecting and Rock Geochemical Results

All rock samples collected during the 2012 exploration program were submitted to Acme, of Vancouver, for analysis. Rock descriptions and locations are given in Appendix 2 and shown in Figures LF1, LF2 and LF3 Rock samples were crushed, split, and ring pulverized (250g, > 95% -200 mesh). 15 grams of the -200 mesh sieved fraction of the rock sample was analysed by ICP-MS after being digested by aqua regia solution.

Acme employs standard QA and QC protocols on all sample analyses including inserting one blank, reference standard and duplicate analysis in every twenty samples analyzed. Sample Certificates from the 2012 exploration program are included in Appendix 4.

In the authors opinion the sample security employed by the field personnel involved in the sample collection and the sample preparation and analytical procedures employed by Acme are adequate for the exploration program carried out by Inform Exploration on the South Rim Property.

The 2012 prospecting program culminated in the collection of 31 rock samples. 25 samples were collected as float samples and 6 were chip samples across shear zones.

Statistical values of Au, Ag, Re, Cu, Hg, Mo, Pb, Zn for the 2012 rock samples are presented in Table 7.

Table 7. Geochemical Summary Statistics: North Slope Polymetallic Shear Zone

	Au (ppb)	Ag (ppb)	Re (ppb)	Cu (ppm)	Hg (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)
Min	<0.2	7	<1	0.87	<5	0.91	1.1	3.3
Max	300.8	48382	9934	28560	665	>50,000	20100	26900
Average	28.2	4203	400.4	1958.5	90.4	2440	723.9	1114.5
Median	7.6	1128	1	26.0	22	35.4	26.0	97.2
60th percentile	10.2	1417	3.2	34.0	34.8	51.3	34.0	143.7
70th percentile	16.9	1788	6.4	52.8	64.8	83.4	52.8	181.9
80th percentile	28	3217	293	82.8	119.8	1940	82.8	226.8
90th percentile	98.3	14710	424.8	510.6	297.6	4412	510.6	753.8
95th percentile	104.8	22143	548	579.2	433	7285	579.2	2155.7

9.4 Mineralization

Previous exploration work in the 1980's on the ground now covered by the South Rim Property identified several gold and other precious metal exploration targets (referred to as the High View Showing, Camp View Showing, Center View Showing, Chalco Showing, East Side Showing, Low View Showing, Main Creek Showing, Northwest Showing, South Side Showing, V.P. Showing, Amethyst Showing, West Side Showing and Moly float Zone).

Like the 2010 program, the 2012 program has continued to verify the location of these exploration targets and to identify new zones of mineralization. The 2012 program was successful in verifying the location and mineralization at the Moly Float Zone, V.P. Showing, and the Center View Showing. The program also identified two new mineralized zones the South 1 Showing and the SW Saddle Showing. The samples and their respective showings are discussed below.

VP-Showing

The V.P. Showing is a north trending shear zone exposed in the same major creek but north of the Amethyst Showing. Carbonate alteration is common and quartz - carbonate veinlets to 5 cm in width occur in a 1 to 2 m wide shear zone. Four samples were taken from the zone in 1987. Two of these samples gave values over 1000 ppb Au. Anomalous values of Hg, Sb, Se and Te were also found in the zone, along with strongly anomalous arsenic values (to 1031 ppm).

The showing was visited and anomalous gold was verified by the 2010 verification program. Five samples were taken from this showing (SR20100968 to SR20100972). Gold values were up to 41 ppb. One sample returned a Hg value of 2 ppm.

Five additional samples were collected in the 2012 program (Samples – SR1201, SR 1202, SR1203, SR1204, SR1205). Samples SR1201 and SR1202 were anaomalous in Mo (107.47 and 106.75 ppm, respectively). Samples SR1202, SR1203 and SR1204 were anomalous in Au (71.7, 77.7 and 103.4 ppb, respectively).

The V.P. Showing was observed to consist of one dominant structure extending over 100m

Center View Showing

This showing is located between the High View Showing and Camp View Showing and was recognized late in the 1983 program (Figure 7). Follow up in 1984 revealed complex set of branching veins, stringers and breccias that includes up to 20 separate units, ranging in thickness from stringers to 4 meters width. Twenty to 100 cm widths are the norm. Fifty-two samples were collected in 1984. Values range from n.d. (not detected) to 1,500 ppb Au. Two veins gave consistently anomalous results in excess of 100 ppb Au, both from the western portion of the showing. Most significant is a northwest trending branch that represents the most southwesterly of the known veins from the showing. Twelve samples from this vein gave values of 110 to 1,150 ppb Au, with two values in excess of 1,000 ppb. The vein pinches and swells, ranging from a stringer-stock work system to massive quartz up to 60 cm width. The quartz is typically fine-grained, vuggy, colloform banded, to planar banded. Local pockets of calcite and fluorite are present. The vein can be traced for 200 meters. A second vein containing significant golf values exposed for about 100 meters, range from 5 cm to 40 cm width and contains gold values up to 870 ppb.

Other veins within the Center View showing gave results less than 100 ppb. All except for one are less than 20 cm width. An exception is a 3 to 6 meter wide, north-striking silicified breccia zone comprised of angular fragments of bleached volcanics in a matrix of fine-grained dense quartz. One meter wide wedges of sheared, propyllitized volcanics are included within the zone. Chips from this zone gave up to 90 ppb Au.

The showing was visited and anomalous gold was verified by the 2010 verification program. Thirty-two samples were taken from this showing (SR20100901 to SR20100924, SR20100932, SR20100933, SR20100944, SR20100962, SR20100963, SR20100967, MS201013 and SR201014). Nine samples returned gold values over 100 ppb and 2 samples returned gold values of 3460 and 2675 ppb. A number of samples collected were also anomalous in Ag, Mo, Pb, Cu and Zn.

Three additional samples were collected in the 2012 program (Samples – 1206, 1207 and 1208A). Sample 1206 was anaomalous in Au (300.8 ppb).

The Center View Showing was observed, by the author, to consist of three dominant structures each extending over 500m. Two of these structures strike and dip in similar directions (200 ├ 80)

and are approximately 150m apart. These structures are cut by a third structures striking approximately 135 degrees and dipping approximately 80 degrees.

South 1 Showing
This showing is found between the South and the East Side Showings. There is no record of previous sampling over this 1 to 2 m silicified shear zone. The structure is approximately north-south dipping 80 degrees to the east. The samples collected from this structure (SR1208B, SR1209, SR1210) did not return any precious or base metal anomalies.

SW Saddle Showing
This showing is found south of the Amethyst Showing. There is no record of previous sampling over this 20 to 30 cm wide silicified shear zone. The structure strikes approximately northeast-southwest with an undetermined dip. Of the four samples were collected from this showing (SR1211A, SR1211B, SR1212A, SR1213A) only sample SR1212A was anomalous in Gold (106.3 ppb).

Moly Float Field
This showing is located west of the other mineralized zones and was first discovered by a prospector in 1967. During 1978, Silver Standard Mines Limited conducted prospecting in the area. Extremely high molybdenite values were noted from float in moraine material which was traced for over 600 metres up slope almost to the edge of the glacier. Assay values of from 0.042 to 1.28% Mo were reported with a 256 pound grab sample taken by Mr. Potter in 1967 assaying 0.12% Mo. The molybdenite was observed to occur in pockets with sericitization of the adjacent rocks resulting in a green tint to the plagioclase.

This showing was visited in the 2012 program and molybdenite mineralization as well as copper, lead and zinc mineralization was verified in a number of float samples collected (SR1213B, SR1214, SR1215, SR1216, SR1217, SR1218, SR1219, SR1220, SR1221, SR1222, SR1223, SR1224, SR1225, SR1226, SR1227). Base metal results for the samples collected are given in Table 6.

The source of the mineralized float has not unequivocally been located but it appears to be on the south side of a glacial lake. The photos below show the challenge of sampling the potential source of the mineralized float.

Table 6. Analytical Result from Samples collected in Moly Float Zone

	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)
SR1212B	4600	227	339	29	1.136
SR1213B	2840	5	13	28	0.254
SR1214	19	74	5	86	0.235
SR1215	1	3	11	8	0.151
SR1216	3660	35	52	64	1.021
SR1217	1970	108	40	36	1.456
SR1218	5	672	20	765	1.679
SR1219	67	5491	553	3545	27.551
SR1220	48	672	22	706	2.667
SR1221	9970	14	28	11	0.512
SR1222	6	1164	53	314	3.584
SR1223	50000	4328	26	97	6.611
SR1224	33	62	33	25	1.128
SR1225	56	194	8	17	0.360
SR1226	1895	28560	185	142	16.735
SR1227	7	18660	20100	26900	48.382

10.0 Conclusions and Recommendations

In August 2012 Inform Exploration followed up the 2010 exploration program with a Mag and VLF geophysical survey over the Moly Float Zone and the Gold/Moly quartz vein Zone. Prospecting was also carried out in both zones. The geophysical survey in Moly Float Zone consisted of 17.8 line km's covering an area of 0.85km2. The geophysical survey in the Gold/Moly quartz vein hosted Zone consisted of 27 line km's covering an area of 1.275km2. A total of 31 rock samples were collected during the 2012 exploration program.

The rock samples collected in the Moly Float Zone are the most substantially mineralized samples collected on the South Rim property to date. Of the sixteen samples collected in the Moly Float Zone seven returned Mo greater than 1000 ppm and one of those seven returned Mo greater than 5%. Two samples that returned Mo greater than 1000 ppm also returned Cu greater than 1000 ppm.

The Mag and VLF geophysical surveys carried out show a number interesting features however none of these features have been conclusively related to known mineralization. The Main Zone Mag survey has a higher Total Magnetic Field response in the west side of the survey grid than it does in the east side of the survey. The average total magnetic field change from west to east is approximately 150nT. Some north and north-west linear features can be seen throughout the grid. The linear features are typically represented by ~55,800 nT high surrounded by ~55,600 nT lows. The VLF survey did not show any strong conductive bodies for the Seattle or Hawaii frequencies.

The Moly Zone Mag survey has a higher Total Magnetic Field response in the east side of the survey grid than it does in the west side of the survey. The average total magnetic field change from west to east is approximately 170nT. Some north-west linear features can be seen throughout the grid. The linear features are typically represented by ~55,900 nT high surrounded by ~55,700 nT lows. The VLF survey did not show any strong conductive bodies for the Seattle frequencies; however the Hawaii frequencies appear to pick up a conductive body in the center of the grid striking in a north-south direction.

In the authors opinion based on the results of the 2012 exploration program the South Rim property further exploration is required in the Moly Float Zone. The source of the Moly Float needs to be traced to outcrop. It is possible that the mineralized source of the Moly Float strikes underneath the debris field north of the lake where the current geophysical survey is placed. If this is true an IP chargeability survey should pick up the insitu Molybdenite and Chalcopyrite mineralization.

11.0 Statement of Qualifications

I James G.M. Thom certify that:

1. I am an independent consulting geologist residing at 118B - west 14th ave, Vancouver BC, V5Y 1W9 and can be contacted at thomjgm@gmail.com

2. I obtained a B.Sc. in Earth and Ocean Sciences at the University of Victoria [2002] and graduated with a M.Sc. in Geology from the University of Toronto [2003].

3. I have worked in the mineral exploration industry since 1999

4. I supervised the 2012 exploration program described in this report and the 2010 exploration program described in ARIS: 31796

5. I have carried out Mag and VLF geophysical surveys since 2008

X James Thom

12. Statement of Costs

Personnel:

Project Geologist/Manager James Thom, M.Sc.*	$5444.44
Prospector Gerard Gallissant B.A.*	$2554.00
Mag & VLF Equipment & Operator Matt Kootchin*	$5680.55

Mob/Demob:

Access & Field Maps	$320.00
Travel (Hotel, Food, Gas)	$905.89

Field Costs:

Field Accommodations Callinex Mines Ltd.	$4231.87
Radios	$119.46
Satellite Phone All Types Communications	$99.53
Survey Consumables	$544.44

Lab:

Acme Lab Assays	$1607.37

Helicopter:

Canadian Helicopter Ltd.	$4284.60

Office:

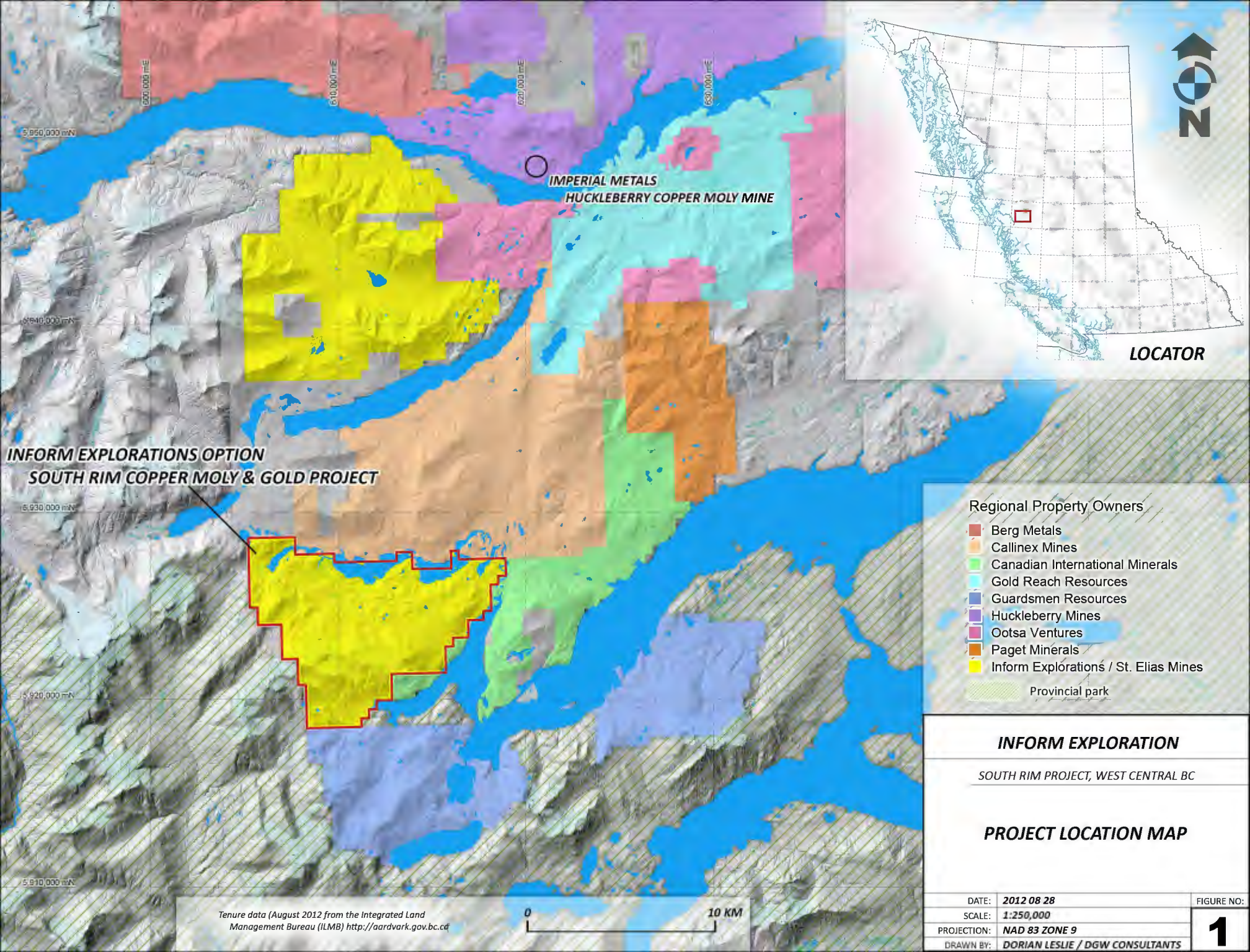
Report + Figures	$2500.00
Management Overhead	$2829.21

Total:

Total Costs for 2012 Exploration	**$31,121.31**

APPENDIX 1

-FIGURES-



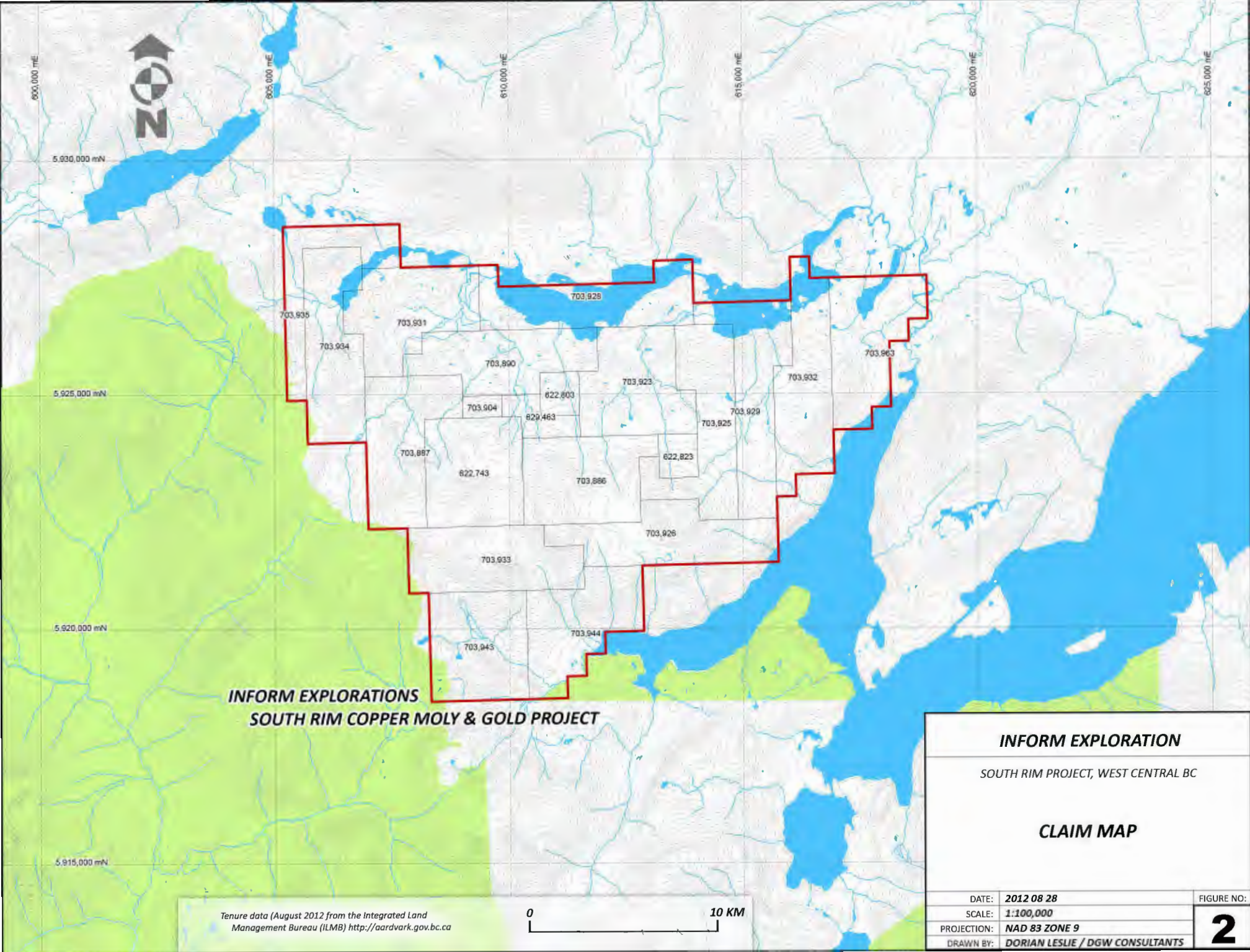
INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

PROJECT LOCATION MAP

DATE:	2012 08 28
SCALE:	1:250,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: 1



INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

CLAIM MAP

DATE:	2012 08 28	FIGURE NO:
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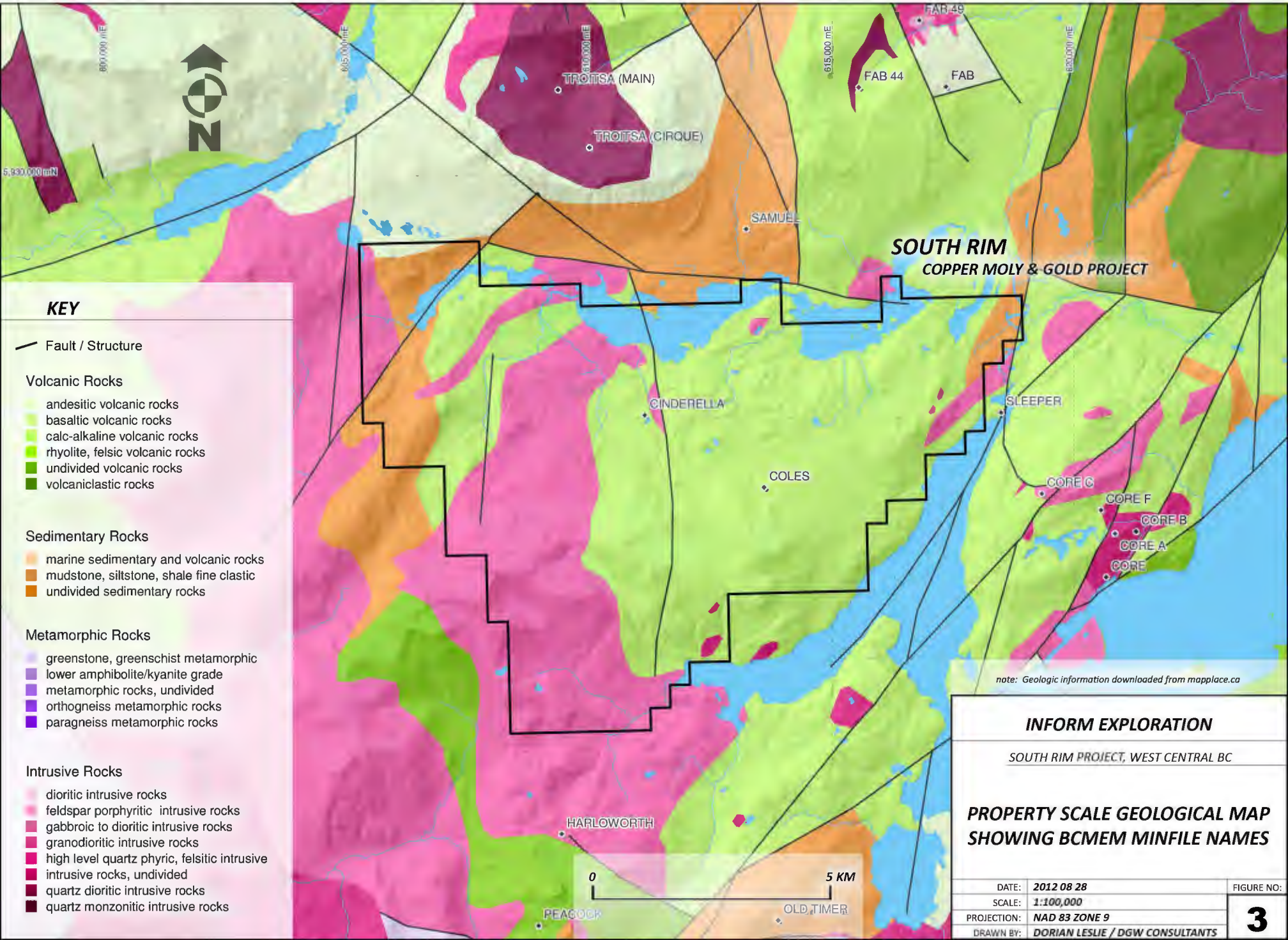
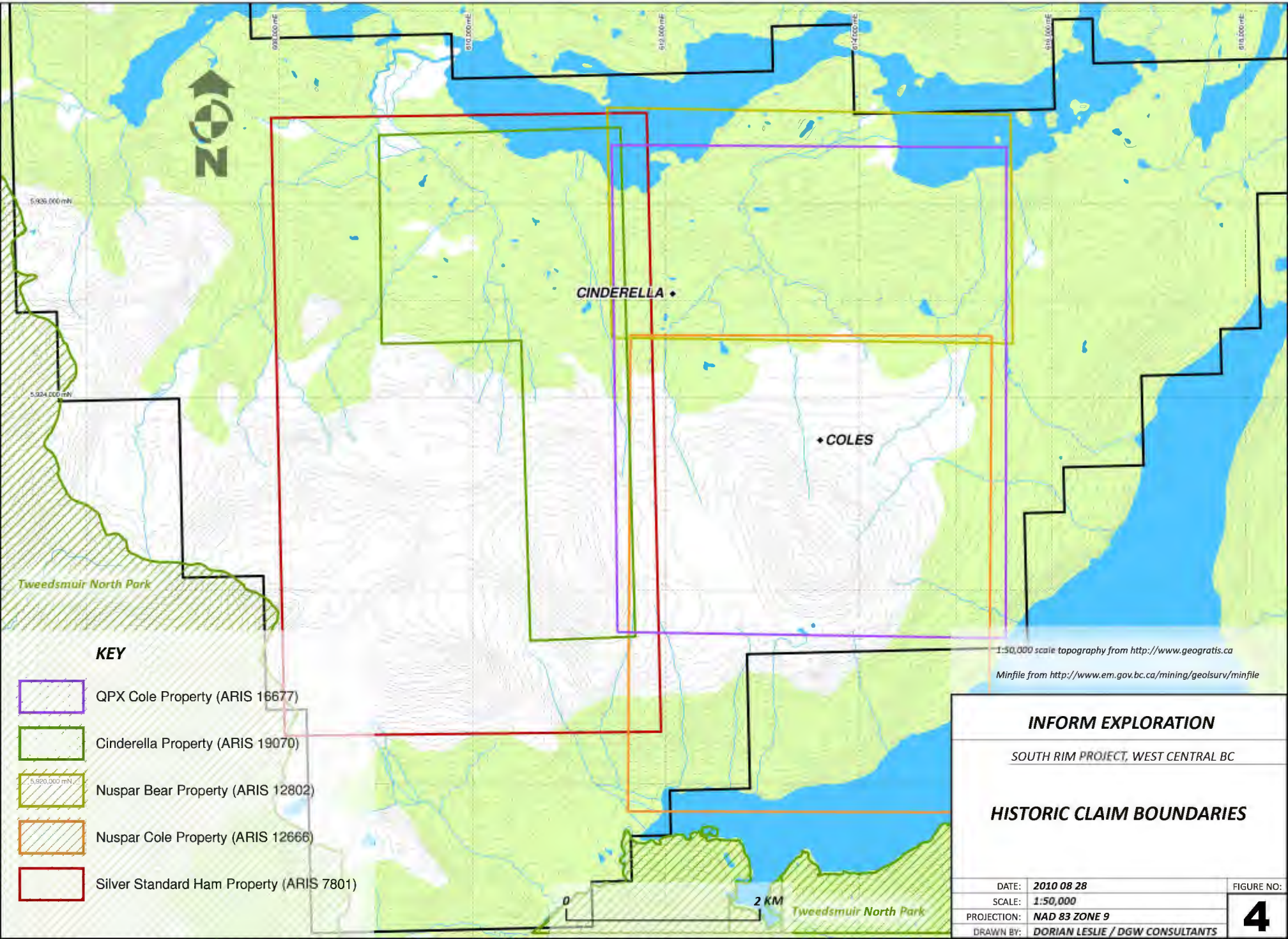
PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS	


800,000 mE
805,000 mE
810,000 mE
615,000 mE
620,000 mE
5,930,000 mN
N
TROITSA (MAIN)
TROITSA (CIRQUE)
FAB 49
FAB 44
FAB
SAMUEL
SOUTH RIM
COPPER MOLY & GOLD PROJECT
CINDERELLA
SLEEPER
COLES
CORE C
CORE F
CORE B
CORE A
CORE
HARLOWORTH
PEACOCK
OLD TIMER
0
5 KM
KEY
Fault / Structure
Volcanic Rocks
andesitic volcanic rocks
basaltic volcanic rocks
calc-alkaline volcanic rocks
rhyolite, felsic volcanic rocks
undivided volcanic rocks
volcaniclastic rocks
Sedimentary Rocks
marine sedimentary and volcanic rocks
mudstone, siltstone, shale fine clastic
undivided sedimentary rocks
Metamorphic Rocks
greenstone, greenschist metamorphic
lower amphibolite/kyanite grade
metamorphic rocks, undivided
orthogneiss metamorphic rocks
paragneiss metamorphic rocks
Intrusive Rocks
dioritic intrusive rocks
feldspar porphyritic intrusive rocks
gabbroic to dioritic intrusive rocks
granodioritic intrusive rocks
high level quartz phyric, felsitic intrusive
intrusive rocks, undivided
quartz dioritic intrusive rocks
quartz monzonitic intrusive rocks
note: Geologic information downloaded from mapplace.ca
INFORM EXPLORATION
SOUTH RIM PROJECT, WEST CENTRAL BC
PROPERTY SCALE GEOLOGICAL MAP SHOWING BCMEM MINFILE NAMES
DATE: 2012 08 28
SCALE: 1:100,000
PROJECTION: NAD 83 ZONE 9
DRAWN BY: DORIAN LESLIE / DGW CONSULTANTS
FIGURE NO: 3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CINDERELLA
COLES
Tweedsmuir North Park
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Cinderella Property (ARIS 19070)
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Nuspar Bear Property (ARIS 12802)
Nuspar Cole Property (ARIS 12666)
Silver Standard Ham Property (ARIS 7801)
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2 KM
Tweedsmuir North Park
1:50,000 scale topography from http://www.geogratis.ca
Minfile from http://www.em.gov.bc.ca/mining/geolsurv/minfile
INFORM EXPLORATION
SOUTH RIM PROJECT, WEST CENTRAL BC
HISTORIC CLAIM BOUNDARIES
DATE: 2010 08 28
SCALE: 1:50,000
PROJECTION: NAD 83 ZONE 9
DRAWN BY: DORIAN LESLIE / DGW CONSULTANTS
FIGURE NO:
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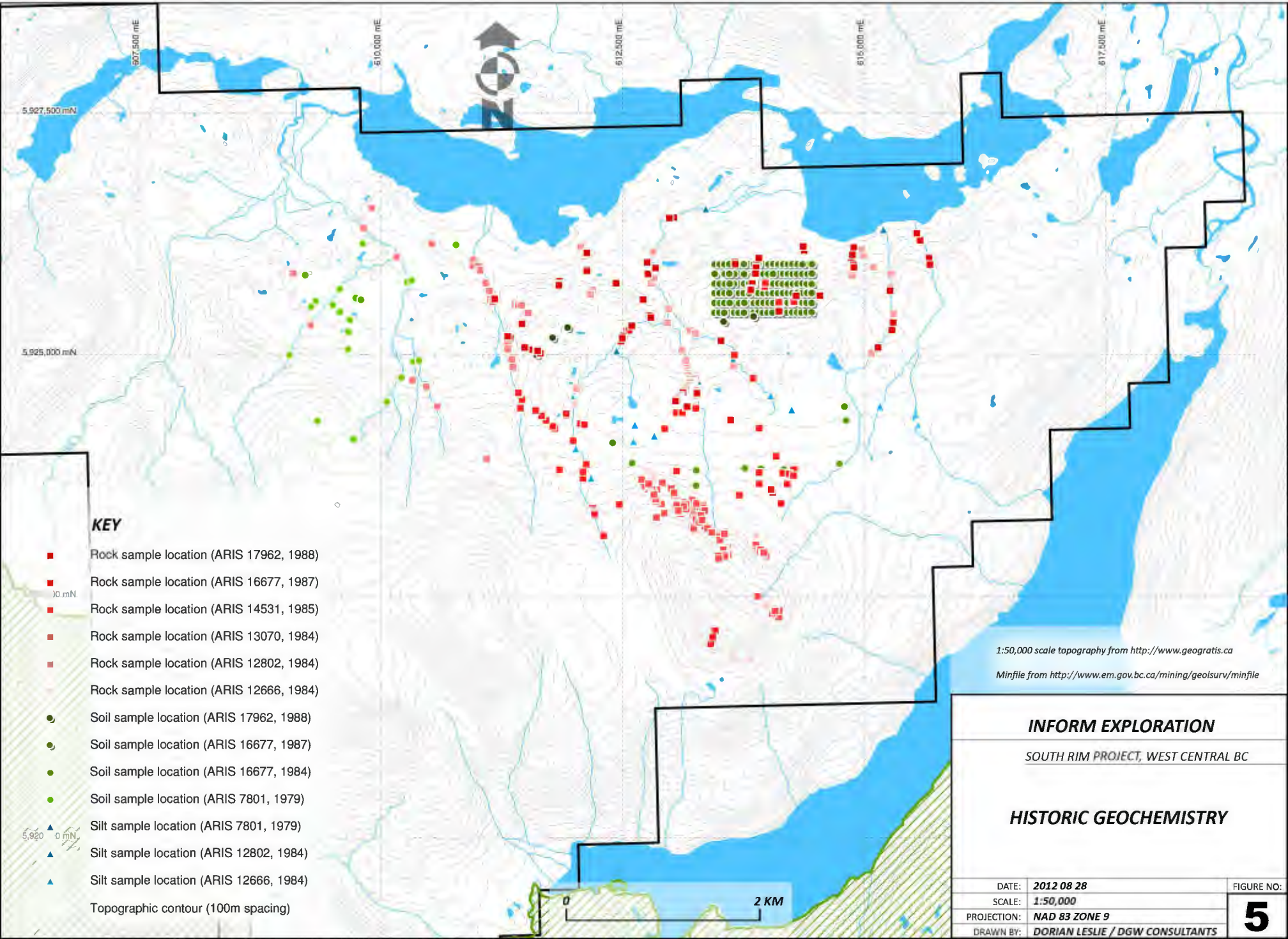
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KEY
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Rock sample location (ARIS 14531, 1985)
Rock sample location (ARIS 13070, 1984)
Rock sample location (ARIS 12802, 1984)
Rock sample location (ARIS 12666, 1984)
Soil sample location (ARIS 17962, 1988)
Soil sample location (ARIS 16677, 1987)
Soil sample location (ARIS 16677, 1984)
Soil sample location (ARIS 7801, 1979)
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Silt sample location (ARIS 12666, 1984)
Topographic contour (100m spacing)
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1:50,000 scale topography from http://www.geogratis.ca
Minfile from http://www.em.gov.bc.ca/mining/geolsurv/minfile
INFORM EXPLORATION
SOUTH RIM PROJECT, WEST CENTRAL BC
HISTORIC GEOCHEMISTRY
DATE: 2012 08 28
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PROJECTION: NAD 83 ZONE 9
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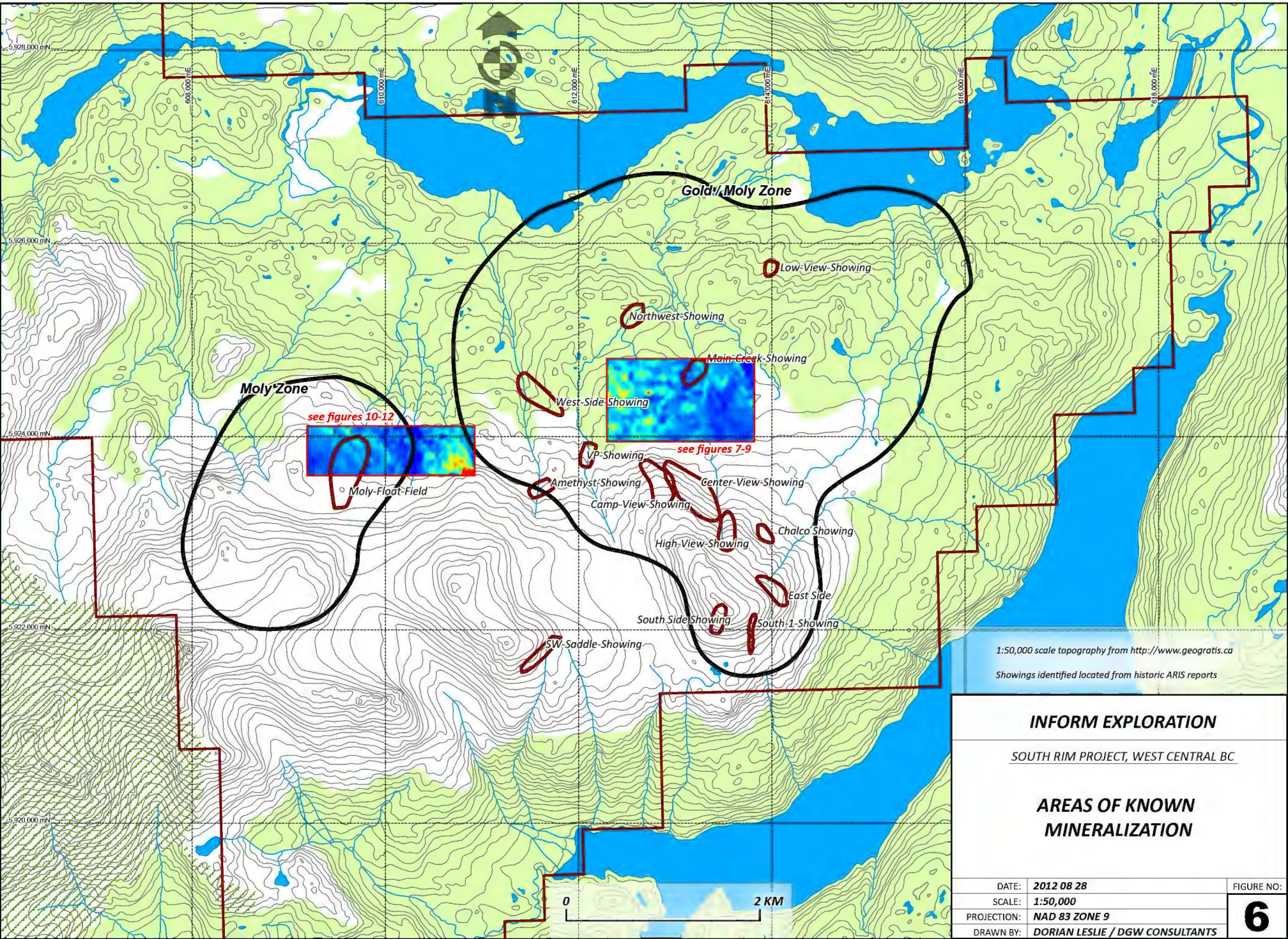


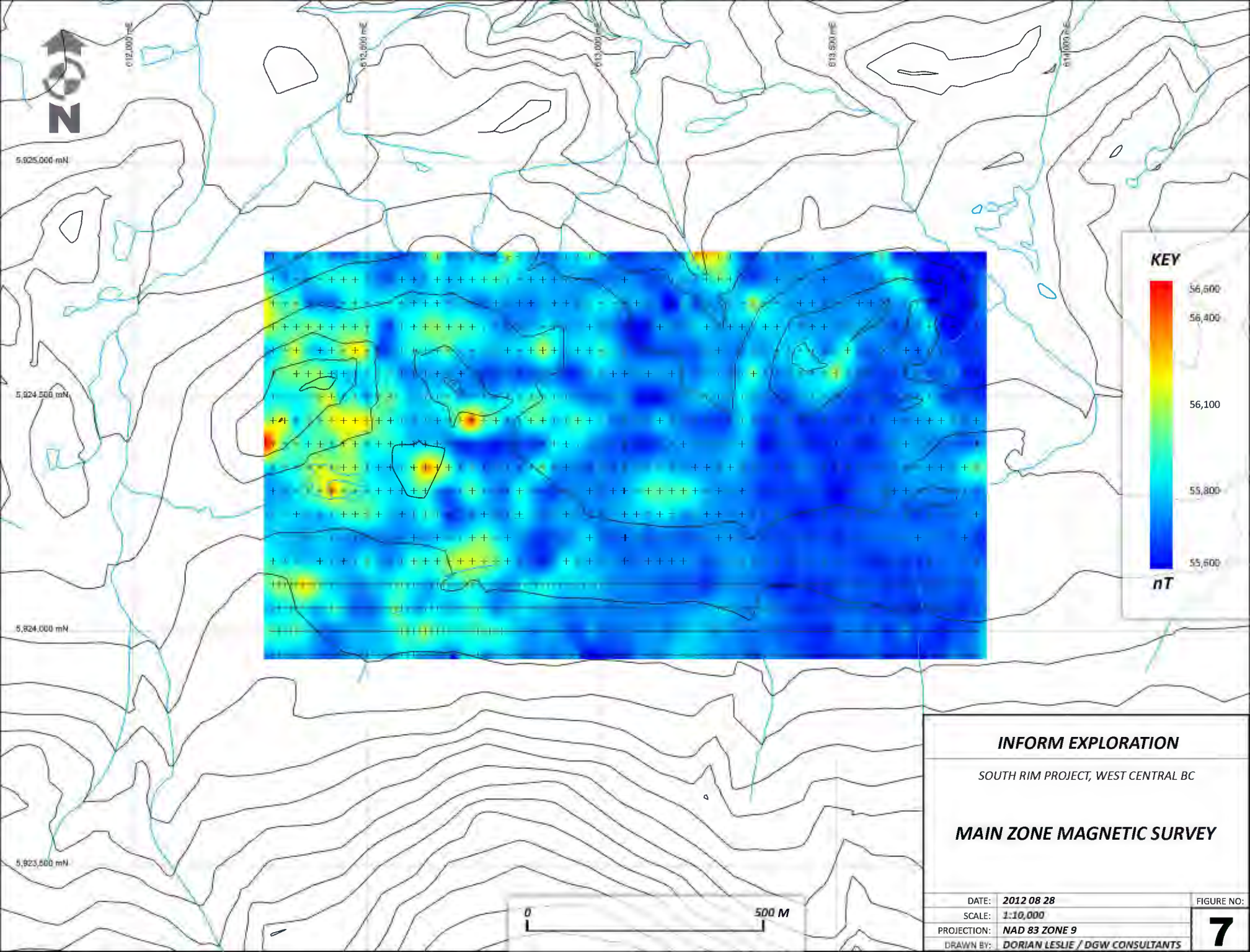
INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

AREAS OF KNOWN MINERALIZATION

DATE:	2012 08 28
SCALE:	1:50,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: 6



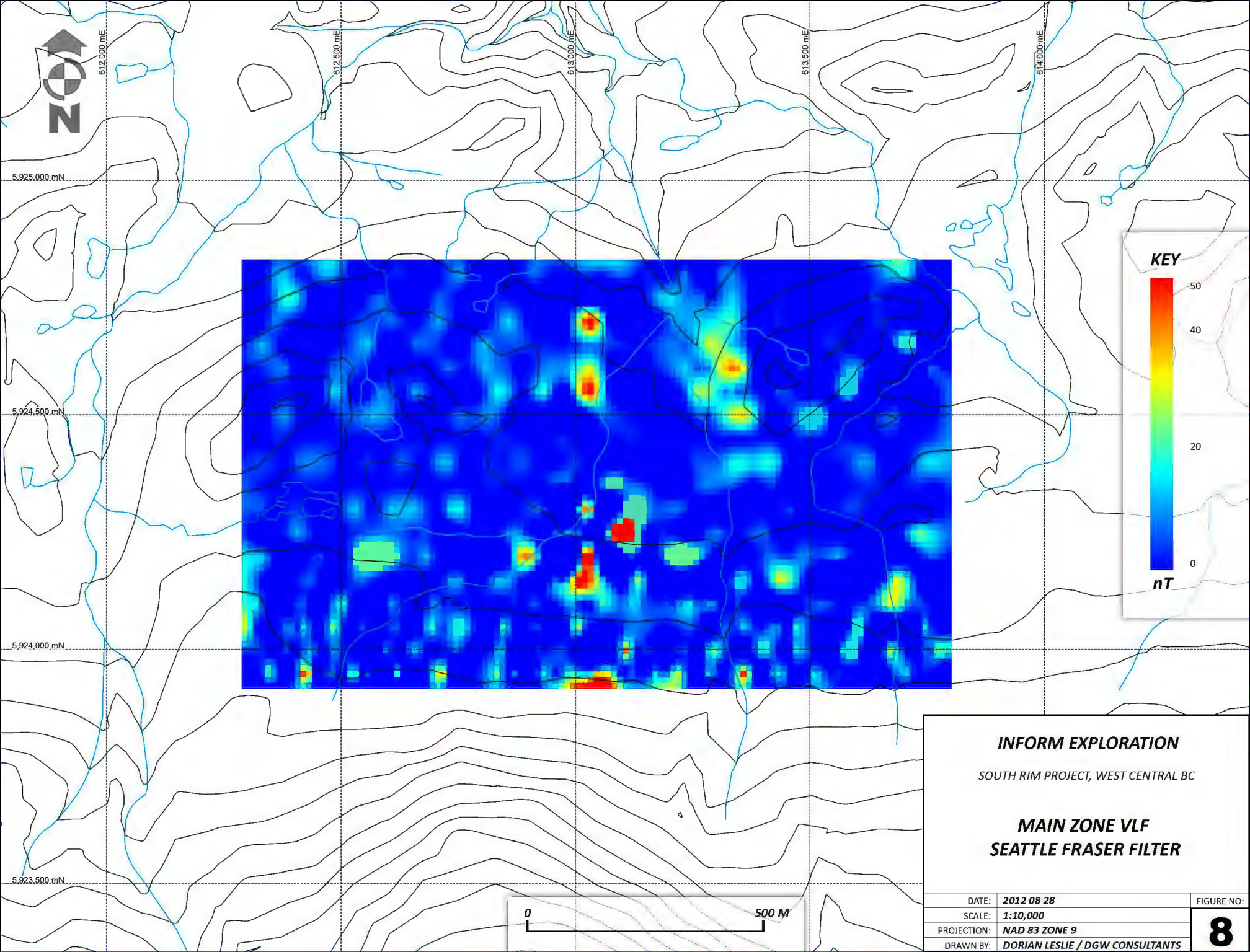
INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

MAIN ZONE MAGNETIC SURVEY

DATE:	2012 08 28
SCALE:	1:10,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: 7



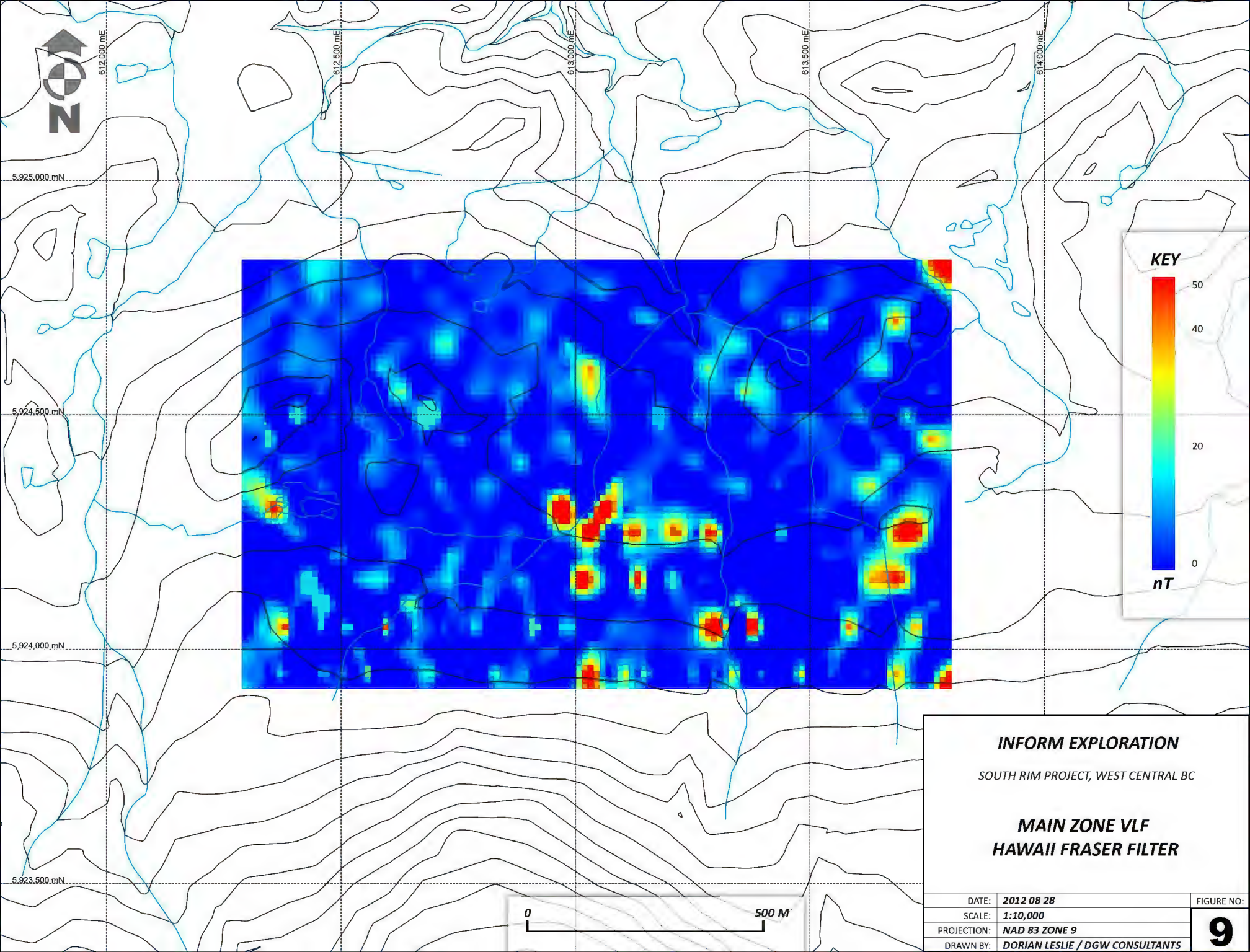
INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

MAIN ZONE VLF
SEATTLE FRASER FILTER

DATE:	2012 08 28
SCALE:	1:10,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: **8**



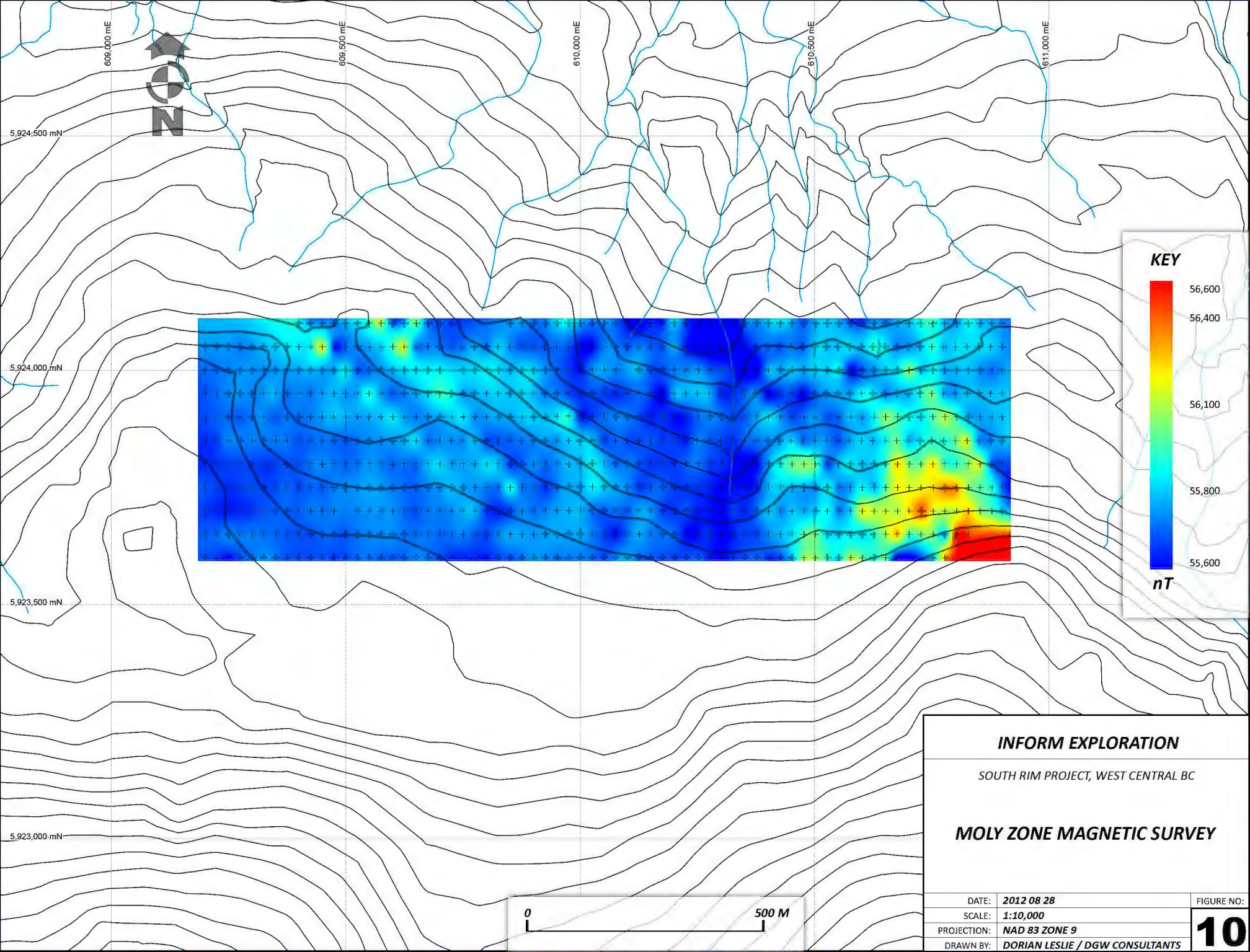
INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

MAIN ZONE VLF
HAWAII FRASER FILTER

DATE:	2012 08 28
SCALE:	1:10,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: **9**



INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

MOLY ZONE MAGNETIC SURVEY

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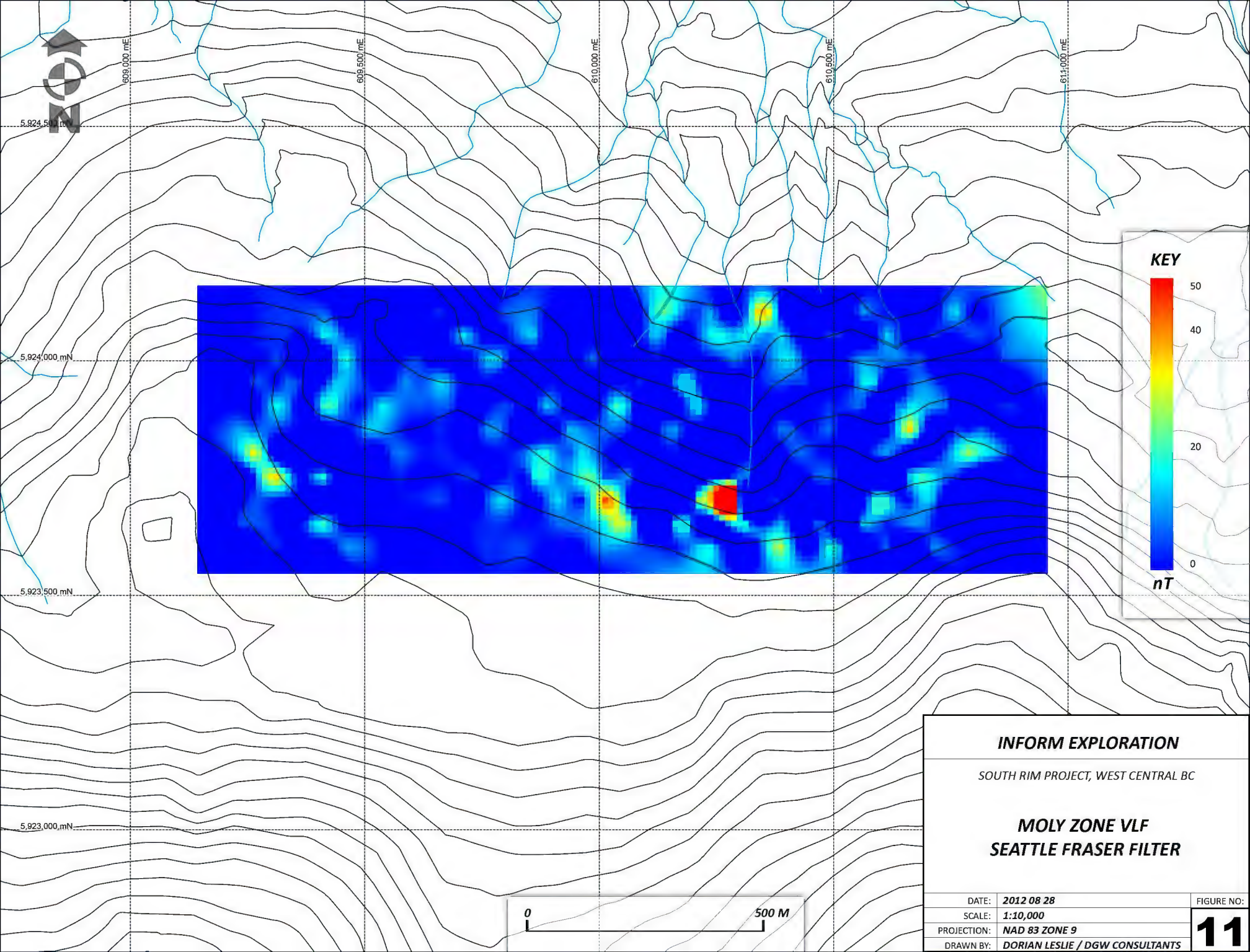
SCALE:	1:10,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: 10



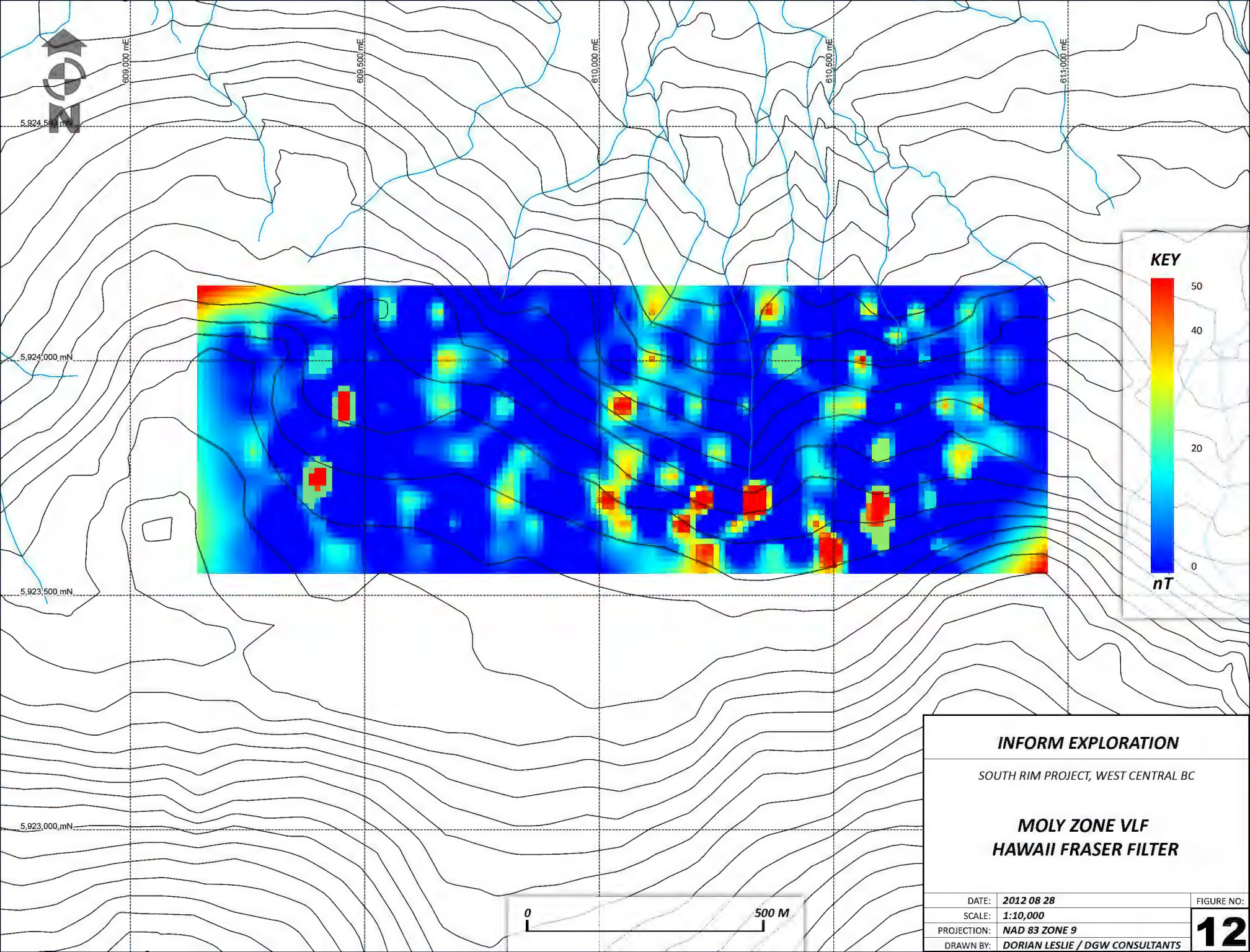
INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

MOLY ZONE VLF
SEATTLE FRASER FILTER

DATE:	2012 08 28
SCALE:	1:10,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: **11**



INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

MOLY ZONE VLF
HAWAII FRASER FILTER

DATE:	2012 08 28
SCALE:	1:10,000
PROJECTION:	NAD 83 ZONE 9
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS

FIGURE NO: **12**

INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

ROCK GEOCHEMISTRY SAMPLE LOCATIONS SHOWING SAMPLE ID

DATE:	2012 11 05	FIGURE NO:
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PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE / DGW CONSULTANTS	

608,000 mE

609,000 mE

610,000 mE

611,000 mE

612,000 mE

613,000 mE

5,925,000 mN

5,924,000 mN

5,923,000 mN

5,922,000 mN

Northwest Showing

Main Creek Showing

West Side Showing

Moly Float Field

Amethyst Showing

VP Showing

Contact Ridge Showing

Canton View Showing

High View Showing

South Side Showing

SW Gossan Showing

2012 Rock geochemistry by Mo ppm

>500	(7)
100 to 500	(2)
50 to 100	(4)
< 50	(20)

0 500 m

INFORM EXPLORATION

SOUTH RIM PROJECT, WEST CENTRAL BC

ROCK GEOCHEMISTRY SAMPLE LOCATIONS SHOWING SAMPLE MOLY (PPM)

DATE:	*2012 11 05*
SCALE:	*1:50000*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO:

LF2


608,000 mE
609,000 mE
610,000 mE
611,000 mE
612,000 mE
613,000 mE
N
5,925,000 mN
5,924,000 mN
5,923,000 mN
5,922,000 mN
2012 Rock geochemistry by Cu ppm
> 5,000 (3)
1,000 to 5,000 (2)
100 to 1,000 (6)
< 100 (22)
0
500 m
INFORM EXPLORATION
SOUTH RIM PROJECT, WEST CENTRAL BC
ROCK GEOCHEMISTRY SAMPLE LOCATIONS SHOWING COPPER (PPM)
DATE: 2012 11 05
SCALE: 1:50000
PROJECTION: NAD 83 ZONE 9
DRAWN BY: DORIAN LESLIE / DGW CONSULTANTS
FIGURE NO: LF3

APPENDIX 2

-ROCK DESCRIPTIONS-

Sample_ID	East_NAD83_Z9	North_NAD83_Z9	Elev_GPS	Comments	Type
SR1201	611990	5924603	1233	FeOx Silcified Vuggy Breccia	Float
SR1202	612031	5924019	1280	FeOx Silcified Vuggy Breccia	Float
SR1203	612031	5924019	1278	Strongly FeOx and moderately Silicifies Breccia	Float
SR1204	612033	5924018	1277	Strongly FeOx and Silicified Breccia	Float
SR1205	612083	5923915	1285	Clay Altered Volcanic Shear with sulfides- 50 cm Chip	Chip
SR1206	613338	5923816	1320	Volcanic with disseminate pyrite	Float
SR1207	613438	5923648	1368	Volcanic with disseminate pyrite	Float
SR1208A	613421	5923532	1389	Silicified Breccia	Float
SR1208B	613785	5921887	1640	Silicified Breccia	Float
SR1209	613776	5921964	1678	Silicified Shear Zone Strike 010 - 2m	Chip
SR1210	613782	5922022	1714	Silicified Brx - 2m Shear Zone -S010 - 50 cm Chip	Chip
SR1211A	611750	5921905	1668	FeOx Silcified Sulphides	Float
SR1211B	611751	5921902	1667	FeOx Silcified Sulphides	Float
SR1212A	611662	5921799	1690	FeOx Silcified Sulphides	Float
SR1212B	609682	5923716	1440	Molybdenite Felsic Porphyry	Float
SR1213B	609673	5923776	1719	Molybdenite Green Volcanic	Float
SR1213A	611537	5921678	1428	Quartz Vein - S190D50- 30cm Chip	Rock
SR1214	609700	5923833	1421	Molybdenite Green Volcanic	Float
SR1215	609665	5924028	1376	Silicified-Limonitic Alteration Felsic Porphyry	Chip
SR1216	609585	5923683	1453	Molybdenite Felsic Porphyry	Float
SR1217	609581	5923667	1449	Molybdenite Felsic Porphyry	Float
SR1218	609537	5923554	1467	Chalcopyrite Porphyry	Float
SR1219	609505	5923472	1478	Chalcopyrite Porphyry	Float
SR1220	609573	5923445	1487	Chalcopyrite Porphyry	Float
SR1221	609594	5923403	1480	Molybdenite Porphyry	Float
SR1222	609229	5923344	1487	Medium Grain Diorite Chalcopyrite Fracture Fill	Float
SR1223	609029	5923389	1476	Chalcopyrite Molybdenite Porphyry	Float
SR1224	609165	5923895	1463	Silica filled fractures in felsic - S195D72 - 8cm Chip	Chip
SR1225	607777	5923957	1292	Silica Flooded	Float
SR1226	608927	5923882	1415	Chalcopyrite Molybdenite Porphyry	Float
SR1227	609685	5923775	1427	Chalcopyrite-Molybdenite Gabbro	Float

APPENDIX 3

-MAIN ZONE GEOPHYSICS-

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612300.00	5923950.0	55911.56	56155.08	55756.48
612312.50	5923950.0	55958.6	56155.44	55803.16
612325.00	5923950.0	55967.76	56155.54	55812.22
612337.50	5923950.0	55933.61	56155.74	55777.87
612350.00	5923950.0	55917.47	56155.99	55761.48
612362.50	5923950.0	55915	56156.07	55758.93
612375.00	5923950.0	55944.94	56156.07	55788.87
612387.50	5923950.0	55914.48	56156.09	55758.39
612400.00	5923950.0	55852.05	56156.25	55695.8
612412.50	5923950.0	55830.48	56156.04	55674.44
612425.00	5923950.0	55855.89	56156.08	55699.81
612437.50	5923950.0	55824.01	56156.89	55667.12
612450.00	5923950.0	55896.08	56157.79	55738.29
612462.50	5923950.0	55929.8	56157.97	55771.83
612475.00	5923950.0	55941.1	56158.2	55782.9
612487.50	5923950.0	55922.23	56157.24	55764.99
612500.00	5923950.0	55893.74	56156.49	55737.25
612512.50	5923950.0	56019.34	56157.4	55861.94
612525.00	5923950.0	55977.43	56157.43	55820
612537.50	5923950.0	55971.37	56157.69	55813.68
612550.00	5923950.0	55875.86	56157.45	55718.41
612562.50	5923950.0	55982.01	56157.56	55824.45
612575.00	5923950.0	56069.6	56157.61	55911.99
612587.50	5923950.0	56064.72	56157.91	55906.81
612600.00	5923950.0	56017.79	56157.57	55860.22
612612.50	5923950.0	55946.23	56157.99	55788.24
612625.00	5923950.0	55949.87	56157.27	55792.6
612637.50	5923950.0	55945.12	56156.95	55788.17
612650.00	5923950.0	55887.15	56156.78	55730.37
612662.50	5923950.0	55899.62	56156.78	55742.84
612675.00	5923950.0	55915.53	56157.18	55758.35
612687.50	5923950.0	55648.45	56156.71	55491.74
612700.00	5923950.0	56039.58	56156.61	55882.97
612712.50	5923950.0	56043.67	56156.56	55887.11
612725.00	5923950.0	55995.68	56156.5	55839.18
612737.50	5923950.0	56042.19	56156.91	55885.28
612750.00	5923950.0	55900.3	56156.47	55743.83
612762.50	5923950.0	55898.2	56156.53	55741.67
612775.00	5923950.0	55998.9	56156.61	55842.29
612787.50	5923950.0	55946.78	56156.85	55789.93
612800.00	5923950.0	55984.34	56157.12	55827.22
612812.50	5923950.0	55974.19	56157.3	55816.89
612825.00	5923950.0	55924.19	56157.67	55766.52
612837.50	5923950.0	55871.49	56157.88	55713.61
612850.00	5923950.0	55830.8	56157.57	55673.23

East	North			Mag_nT
NAD83_Z9	NAD83_Z9	Mag_nT_raw	Mag_nT_base	diurnal_corec
612862.50	5923950.0	55920.28	56158.05	55762.23
612875.00	5923950.0	55925.81	56158.78	55767.03
612887.50	5923950.0	55857.74	56159.31	55698.43
612900.00	5923950.0	55858.73	56159.05	55699.68
612912.50	5923950.0	55890.83	56159.21	55731.62
612925.00	5923950.0	55928.2	56159.24	55768.96
612937.50	5923950.0	55902.85	56158.63	55744.22
612950.00	5923950.0	55953.83	56159.01	55794.82
612962.50	5923950.0	55644.01	56159.01	55485
612975.00	5923950.0	55670.4	56159.09	55511.31
612987.50	5923950.0	55752.49	56159.28	55593.21
613000.00	5923950.0	55747.43	56160.13	55587.3
613012.50	5923950.0	55755.71	56160.24	55595.47
613025.00	5923950.0	55757.5	56132.61	55624.89
613037.50	5923950.0	55745.41	56132.69	55612.72
613050.00	5923950.0	55720.78	56133.07	55587.71
613062.50	5923950.0	55819.78	56132.27	55687.51
613075.00	5923950.0	55865.93	56132.3	55733.63
613087.50	5923950.0	55894.85	56131.97	55762.88
613100.00	5923950.0	55889.7	56131.91	55757.79
613112.50	5923950.0	55858.61	56131.47	55727.14
613125.00	5923950.0	55880.83	56131.35	55749.48
613137.50	5923950.0	55885.59	56131.25	55754.34
613150.00	5923950.0	55953.48	56131.23	55822.25
613162.50	5923950.0	56026.85	56130.98	55895.87
613175.00	5923950.0	55979.49	56131.12	55848.37
613187.50	5923950.0	55964.94	56131.02	55833.92
613200.00	5923950.0	55951.63	56130.38	55821.25
613212.50	5923950.0	55941.58	56130.48	55811.1
613225.00	5923950.0	55914.76	56130.42	55784.34
613237.50	5923950.0	55920.41	56130.16	55790.25
613250.00	5923950.0	55868.95	56130.36	55738.59
613262.50	5923950.0	55847.87	56130.16	55717.71
613275.00	5923950.0	55872.42	56130.25	55742.17
613287.50	5923950.0	55863.24	56130.01	55733.23
613300.00	5923950.0	55878.5	56129.8	55748.7
613312.50	5923950.0	55792.37	56129.59	55662.78
613325.00	5923950.0	55798.27	56129.65	55668.62
613337.50	5923950.0	55770.59	56129.42	55641.17
613350.00	5923950.0	55894.46	56129.2	55765.26
613362.50	5923950.0	55889.03	56129.24	55759.79
613375.00	5923950.0	55863.08	56129.51	55733.57
613387.50	5923950.0	55848.37	56129.9	55718.47
613400.00	5923950.0	55788.96	56130.1	55658.86
613412.50	5923950.0	55807.72	56130.73	55676.99

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613425.00	5923950.0	55780.89	56130.4	55650.49
613437.50	5923950.0	55786.16	56130.9	55655.26
613450.00	5923950.0	55730.06	56131.05	55599.01
613462.50	5923950.0	55718.26	56131.32	55586.94
613475.00	5923950.0	55733.11	56131.08	55602.03
613487.50	5923950.0	55754.73	56131.12	55623.61
613500.00	5923950.0	55773.71	56131.78	55641.93
613512.50	5923950.0	55758.02	56130.83	55627.19
613525.00	5923950.0	55773.16	56131.02	55642.14
613537.50	5923950.0	55767.77	56130.6	55637.17
613550.00	5923950.0	55796	56130.56	55665.44
613562.50	5923950.0	55809.63	56130.97	55678.66
613575.00	5923950.0	55775.45	56130.4	55645.05
613587.50	5923950.0	55850.52	56129.84	55720.68
613600.00	5923950.0	55812.74	56129.75	55682.99
613612.50	5923950.0	55686.98	56129.77	55557.21
613625.00	5923950.0	55728.69	56129.67	55599.02
613637.50	5923950.0	55792.74	56129.01	55663.73
613650.00	5923950.0	55739.36	56128.76	55610.6
613662.50	5923950.0	55750.04	56128.87	55621.17
613675.00	5923950.0	55713.73	56128.67	55585.06
613687.50	5923950.0	55659.49	56128.46	55531.03
613700.00	5923950.0	55784.01	56128.52	55655.49
613712.50	5923950.0	55732.14	56128.29	55603.85
613725.00	5923950.0	55753.81	56128.32	55625.49
613737.50	5923950.0	55816.07	56128.52	55687.55
613750.00	5923950.0	55870.16	56128.7	55741.46
613762.50	5923950.0	55853.66	56128.73	55724.93
613775.00	5923950.0	55837.53	56128.72	55708.81
613787.50	5923950.0	55790.76	56128.76	55662
613800.00	5923950.0	55877.13	56128.85	55748.28
612300.00	5924000.0	56148.91	56155.69	55993.22
612312.50	5924000.0	56076.88	56155.02	55921.86
612325.00	5924000.0	56079.14	56155.08	55924.06
612337.50	5924000.0	56110.81	56155.76	55955.05
612350.00	5924000.0	56159.53	56155.68	56003.85
612362.50	5924000.0	56149.39	56155.88	55993.51
612375.00	5924000.0	56028.43	56156.07	55872.36
612387.50	5924000.0	55958.85	56156.4	55802.45
612400.00	5924000.0	55899.74	56156.09	55743.65
612412.50	5924000.0	55849.05	56156.25	55692.8
612425.00	5924000.0	55859.07	56156.04	55703.03
612437.50	5924000.0	55879.62	56156.07	55723.55
612450.00	5924000.0	55917.13	56156.41	55760.72
612462.50	5924000.0	55924.82	56157.45	55767.37

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612475.00	5924000.0	55985.85	56157.79	55828.06
612487.50	5924000.0	55946.47	56157.95	55788.52
612500.00	5924000.0	55955.88	56157.24	55798.64
612512.50	5924000.0	55959.68	56156.46	55803.22
612525.00	5924000.0	55933.09	56156.57	55776.52
612537.50	5924000.0	56003.07	56157.22	55845.85
612550.00	5924000.0	55989.56	56157.43	55832.13
612562.50	5924000.0	56058.06	56157.51	55900.55
612575.00	5924000.0	56212.59	56157.46	56055.13
612587.50	5924000.0	56149.36	56157.43	55991.93
612600.00	5924000.0	56040.7	56157.67	55883.03
612612.50	5924000.0	56168.72	56158.1	56010.62
612625.00	5924000.0	56351.51	56157.52	56193.99
612637.50	5924000.0	56131.87	56157.99	55973.88
612650.00	5924000.0	56100.57	56157.26	55943.31
612662.50	5924000.0	56106.69	56156.95	55949.74
612675.00	5924000.0	56079.39	56156.8	55922.59
612687.50	5924000.0	56063.39	56156.76	55906.63
612700.00	5924000.0	56056.02	56156.74	55899.28
612712.50	5924000.0	56063.45	56156.72	55906.73
612725.00	5924000.0	56109.81	56156.56	55953.25
612737.50	5924000.0	56095.08	56156.44	55938.64
612750.00	5924000.0	56126.92	56156.91	55970.01
612762.50	5924000.0	56137.44	56156.46	55980.98
612775.00	5924000.0	56116.24	56156.88	55959.36
612787.50	5924000.0	56085.56	56156.59	55928.97
612800.00	5924000.0	56096.46	56156.95	55939.51
612812.50	5924000.0	55931.12	56157.18	55773.94
612825.00	5924000.0	55997.85	56157.45	55840.4
612837.50	5924000.0	55951.03	56157.62	55793.41
612850.00	5924000.0	55802.48	56157.57	55644.91
612862.50	5924000.0	55956.82	56158.03	55798.79
612875.00	5924000.0	55932.24	56158.69	55773.55
612887.50	5924000.0	55938.96	56158.9	55780.06
612900.00	5924000.0	55978.79	56159.1	55819.69
612912.50	5924000.0	55903.23	56159.04	55744.19
612925.00	5924000.0	55880.81	56158.89	55721.92
612937.50	5924000.0	55822.28	56158.64	55663.64
612950.00	5924000.0	55761.61	56158.72	55602.89
612962.50	5924000.0	55837.93	56158.9	55679.03
612975.00	5924000.0	55993.64	56158.97	55834.67
612987.50	5924000.0	55904.22	56158.98	55745.24
613000.00	5924000.0	55840.91	56159.01	55681.9
613012.50	5924000.0	55877.56	56159.46	55718.1
613025.00	5924000.0	55809.82	56133.72	55676.1

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613037.50	5924000.0	55815.24	56132	55683.24
613050.00	5924000.0	55912.32	56132.27	55780.05
613062.50	5924000.0	55785.56	56132.08	55653.48
613075.00	5924000.0	55891.64	56133.07	55758.57
613087.50	5924000.0	55891.53	56132.38	55759.15
613100.00	5924000.0	55873.44	56132.48	55740.96
613112.50	5924000.0	55906.28	56132.24	55774.04
613125.00	5924000.0	55913.08	56132.29	55780.79
613137.50	5924000.0	55839.83	56131.96	55707.87
613150.00	5924000.0	55873.06	56131.65	55741.41
613162.50	5924000.0	55904.27	56131.42	55772.85
613175.00	5924000.0	55931.18	56131.44	55799.74
613187.50	5924000.0	55970.11	56131.25	55838.86
613200.00	5924000.0	55987.96	56131.23	55856.73
613212.50	5924000.0	55963.29	56131.06	55832.23
613225.00	5924000.0	55936.35	56130.52	55805.83
613237.50	5924000.0	55897.39	56130.48	55766.91
613250.00	5924000.0	55854.46	56130.39	55724.07
613262.50	5924000.0	55954.15	56130.11	55824.04
613275.00	5924000.0	55883.05	56130.25	55752.8
613287.50	5924000.0	55845.43	56129.87	55715.56
613300.00	5924000.0	55867.86	56129.7	55738.16
613312.50	5924000.0	55821.6	56129.42	55692.18
613325.00	5924000.0	55857.21	56129.39	55727.82
613337.50	5924000.0	55804.71	56129.23	55675.48
613350.00	5924000.0	55860.39	56129.15	55731.24
613362.50	5924000.0	55847.5	56129.38	55718.12
613375.00	5924000.0	55806.25	56129.69	55676.56
613387.50	5924000.0	55801.64	56129.89	55671.75
613400.00	5924000.0	55779	56130.21	55648.79
613412.50	5924000.0	55793.44	56130.57	55662.87
613425.00	5924000.0	55760.08	56130.4	55629.68
613437.50	5924000.0	55761.05	56130.82	55630.23
613450.00	5924000.0	55725.34	56130.97	55594.37
613462.50	5924000.0	55744.72	56131.32	55613.4
613475.00	5924000.0	55734.7	56131.08	55603.62
613487.50	5924000.0	55697.04	56131.24	55565.8
613500.00	5924000.0	55819.29	56131.11	55688.18
613512.50	5924000.0	55851.68	56130.94	55720.74
613525.00	5924000.0	55841.86	56131.02	55710.84
613537.50	5924000.0	55853.94	56130.62	55723.32
613550.00	5924000.0	55870.64	56130.62	55740.02
613562.50	5924000.0	55801.73	56130.97	55670.76
613575.00	5924000.0	55779.21	56130.4	55648.81
613587.50	5924000.0	55912.76	56129.78	55782.98

East	North			Mag_nT
NAD83_Z9	NAD83_Z9	Mag_nT_raw	Mag_nT_base	diurnal_corec
613600.00	5924000.0	55751.19	56129.67	55621.52
613612.50	5924000.0	55748.11	56129.72	55618.39
613625.00	5924000.0	55737.69	56129.4	55608.29
613637.50	5924000.0	55882.94	56129.23	55753.71
613650.00	5924000.0	55894.94	56128.99	55765.95
613662.50	5924000.0	55801.15	56128.95	55672.2
613675.00	5924000.0	55750.47	56129.17	55621.3
613687.50	5924000.0	55771.45	56129.29	55642.16
613700.00	5924000.0	55799.09	56129.01	55670.08
613712.50	5924000.0	55725.66	56128.79	55596.87
613725.00	5924000.0	55706.4	56128.87	55577.53
613737.50	5924000.0	55723.79	56128.67	55595.12
613750.00	5924000.0	55782.75	56128.41	55654.34
613762.50	5924000.0	55833.33	56128.51	55704.82
613775.00	5924000.0	55779.45	56128.87	55650.58
613787.50	5924000.0	55770.4	56128.72	55641.68
613800.00	5924000.0	55887.35	56128.29	55759.06
612300.00	5924050.0	55945.9	56153.61	55792.29
612312.50	5924050.0	56019.64	56153.53	55866.11
612325.00	5924050.0	56038.17	56153.55	55884.62
612337.50	5924050.0	56029.84	56153.4	55876.44
612350.00	5924050.0	56085.66	56153.25	55932.41
612362.50	5924050.0	56061.94	56153.45	55908.49
612375.00	5924050.0	56048.83	56152.8	55896.03
612387.50	5924050.0	55925.66	56152.9	55772.76
612400.00	5924050.0	55934.43	56152.63	55781.8
612412.50	5924050.0	56030.87	56152.54	55878.33
612425.00	5924050.0	56117.49	56152.34	55965.15
612437.50	5924050.0	56171.91	56152.1	56019.81
612450.00	5924050.0	55970.67	56152.01	55818.66
612462.50	5924050.0	55887.98	56152.19	55735.79
612475.00	5924050.0	55817.21	56151.56	55665.65
612487.50	5924050.0	55836	56151.54	55684.46
612500.00	5924050.0	55834.11	56151.28	55682.83
612512.50	5924050.0	55840.05	56151.19	55688.86
612525.00	5924050.0	55891.74	56151.11	55740.63
612537.50	5924050.0	55942.08	56151.2	55790.88
612550.00	5924050.0	56117.16	56151.03	55966.13
612562.50	5924050.0	56271.32	56150.99	56120.33
612575.00	5924050.0	56052.85	56151.24	55901.61
612587.50	5924050.0	56021.28	56150.55	55870.73
612600.00	5924050.0	55967.77	56150.44	55817.33
612612.50	5924050.0	55875.16	56150.42	55724.74
612625.00	5924050.0	55967.97	56150.25	55817.72
612637.50	5924050.0	56050.51	56150.22	55900.29

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612650.00	5924050.0	56016.35	56150.42	55865.93
612662.50	5924050.0	55964.57	56149.95	55814.62
612675.00	5924050.0	55947.27	56149.58	55797.69
612687.50	5924050.0	55958.85	56149.49	55809.36
612700.00	5924050.0	55997.57	56149.47	55848.1
612712.50	5924050.0	56040.06	56149.33	55890.73
612725.00	5924050.0	56135.78	56149.19	55986.59
612737.50	5924050.0	56084.99	56149.16	55935.83
612750.00	5924050.0	56009.39	56148.93	55860.46
612762.50	5924050.0	55930.64	56148.86	55781.78
612775.00	5924050.0	55819.31	56148.84	55670.47
612787.50	5924050.0	55898.7	56148.88	55749.82
612800.00	5924050.0	55973.6	56148.93	55824.67
612812.50	5924050.0	55910.68	56148.8	55761.88
612825.00	5924050.0	55995.66	56148.11	55847.55
612837.50	5924050.0	56022.66	56147.54	55875.12
612850.00	5924050.0	56022.9	56147.45	55875.45
612862.50	5924050.0	55921.66	56147.56	55774.1
612875.00	5924050.0	55985.6	56147.66	55837.94
612887.50	5924050.0	55918.19	56147.33	55770.86
612900.00	5924050.0	55912.11	56147.34	55764.77
612912.50	5924050.0	55891.71	56147.59	55744.12
612925.00	5924050.0	55834.37	56148.04	55686.33
612937.50	5924050.0	55859.29	56147.44	55711.85
612950.00	5924050.0	55889.64	56147.21	55742.43
612962.50	5924050.0	55893.7	56147.03	55746.67
612975.00	5924050.0	55853.13	56147.12	55706.01
612987.50	5924050.0	55914.93	56146.74	55768.19
613000.00	5924050.0	55900.43	56146.71	55753.72
613012.50	5924050.0	55855.61	56146.27	55709.34
613025.00	5924050.0	55853.82	56145.94	55707.88
613037.50	5924050.0	55864.86	56145.76	55719.1
613050.00	5924050.0	55858.73	56132.91	55725.82
613062.50	5924050.0	55873.22	56132.82	55740.4
613075.00	5924050.0	55830.67	56133.37	55697.3
613087.50	5924050.0	55854.51	56133.34	55721.17
613250.00	5924050.0	55984.79	56130.85	55853.94
613262.50	5924050.0	55952.12	56130.6	55821.52
613275.00	5924050.0	55933.31	56129.97	55803.34
613300.00	5924050.0	55861.43	56130.36	55731.07
613312.50	5924050.0	55828.4	56129.84	55698.56
613325.00	5924050.0	55873.04	56130.82	55742.22
613337.50	5924050.0	55900.92	56130.93	55769.99
613350.00	5924050.0	55922.39	56131.4	55790.99
613362.50	5924050.0	55900.38	56131.46	55768.92

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613375.00	5924050.0	55849.73	56131.46	55718.27
613387.50	5924050.0	55819.92	56130.59	55689.33
613400.00	5924050.0	55814.1	56129.95	55684.15
613412.50	5924050.0	55762.25	56130.06	55632.19
613425.00	5924050.0	55755.62	56129.98	55625.64
613437.50	5924050.0	55726.36	56129.93	55596.43
613450.00	5924050.0	55753.25	56130.38	55622.87
613462.50	5924050.0	55784.23	56130.5	55653.73
613475.00	5924050.0	55815.95	56130.41	55685.54
613487.50	5924050.0	55725.53	56131	55594.53
613500.00	5924050.0	55823.01	56130.36	55692.65
613512.50	5924050.0	55790.73	56130.07	55660.66
613525.00	5924050.0	55817.76	56130.09	55687.67
613537.50	5924050.0	55803.91	56130.01	55673.9
613550.00	5924050.0	55855.22	56129.85	55725.37
613562.50	5924050.0	55777.52	56129.82	55647.7
613575.00	5924050.0	55767.22	56129.62	55637.6
613587.50	5924050.0	55774.2	56129.84	55644.36
613600.00	5924050.0	55767.23	56129.66	55637.57
613612.50	5924050.0	55824.99	56129.72	55695.27
613625.00	5924050.0	55764.37	56129.47	55634.9
613637.50	5924050.0	55745.44	56129.92	55615.52
613650.00	5924050.0	55763.39	56129.43	55633.96
613662.50	5924050.0	55728.99	56129.31	55599.68
613675.00	5924050.0	55758.31	56129.31	55629
613687.50	5924050.0	55774.18	56129.31	55644.87
613700.00	5924050.0	55825.81	56129.31	55696.5
613712.50	5924050.0	55812.37	56129.17	55683.2
613725.00	5924050.0	55776.94	56129.13	55647.81
613737.50	5924050.0	55770.42	56129.24	55641.18
613750.00	5924050.0	55796.97	56129.13	55667.84
613762.50	5924050.0	55709.61	56129.39	55580.22
613775.00	5924050.0	55774.18	56129.36	55644.82
613787.50	5924050.0	55766.81	56130.06	55636.75
613800.00	5924050.0	55788.64	56129.61	55659.03
612300.00	5924100.0	56202.99	56153.5	56049.49
612312.50	5924100.0	56267.03	56153.4	56113.63
612325.00	5924100.0	56226.28	56153.59	56072.69
612337.50	5924100.0	56248.39	56152.9	56095.49
612350.00	5924100.0	56187.8	56152.72	56035.08
612362.50	5924100.0	56561.67	56152.62	56409.05
612375.00	5924100.0	56324.74	56152.36	56172.38
612387.50	5924100.0	56314.25	56152.34	56161.91
612400.00	5924100.0	56248.27	56152.1	56096.17
612412.50	5924100.0	55987.05	56151.85	55835.2

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612425.00	5924100.0	55974.84	56151.36	55823.48
612437.50	5924100.0	55994.71	56151.66	55843.05
612450.00	5924100.0	55914.48	56151.51	55762.97
612462.50	5924100.0	56016.49	56151.21	55865.28
612475.00	5924100.0	55822.11	56151.45	55670.66
612487.50	5924100.0	55870.01	56151.17	55718.84
612500.00	5924100.0	55927.58	56151.03	55776.55
612512.50	5924100.0	55971.71	56150.99	55820.72
612525.00	5924100.0	55964	56150.96	55813.04
612537.50	5924100.0	55961.47	56150.55	55810.92
612550.00	5924100.0	56012.8	56150.44	55862.36
612562.50	5924100.0	56124.96	56150.26	55974.7
612575.00	5924100.0	56146.97	56150.19	55996.78
612587.50	5924100.0	56026.9	56150.23	55876.67
612600.00	5924100.0	56020.78	56150.48	55870.3
612612.50	5924100.0	55988.67	56149.87	55838.8
612625.00	5924100.0	55956.14	56149.67	55806.47
612637.50	5924100.0	55857.07	56149.49	55707.58
612650.00	5924100.0	55994.09	56149.65	55844.44
612662.50	5924100.0	56175.3	56149.19	56026.11
612675.00	5924100.0	56010.85	56149.32	55861.53
612687.50	5924100.0	55958.37	56149.05	55809.32
612700.00	5924100.0	56039.62	56148.87	55890.75
612712.50	5924100.0	56114.31	56148.82	55965.49
612725.00	5924100.0	56136.76	56148.91	55987.85
612737.50	5924100.0	56014.12	56148.67	55865.45
612750.00	5924100.0	56012.52	56148.44	55864.08
612762.50	5924100.0	55969.48	56147.8	55821.68
612775.00	5924100.0	55963.42	56147.37	55816.05
612787.50	5924100.0	55849.01	56147.45	55701.56
612800.00	5924100.0	55907.6	56147.83	55759.77
612812.50	5924100.0	55852.8	56147.74	55705.06
612825.00	5924100.0	55991.95	56147.57	55844.38
612837.50	5924100.0	56123.5	56147.68	55975.82
612850.00	5924100.0	55975.53	56147.23	55828.3
612862.50	5924100.0	55947.19	56147.86	55799.33
612875.00	5924100.0	56142.66	56147.21	55995.45
612887.50	5924100.0	56055.81	56146.78	55909.03
612900.00	5924100.0	56064.6	56146.67	55917.93
612912.50	5924100.0	55929.4	56146.82	55782.58
612925.00	5924100.0	56014.7	56146.81	55867.89
612937.50	5924100.0	55966.5	56146.49	55820.01
612950.00	5924100.0	55989.1	56146.27	55842.83
612962.50	5924100.0	55992.7	56146	55846.7
612975.00	5924100.0	55965.59	56146.19	55819.4

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612987.50	5924100.0	55961.58	56146.22	55815.36
613000.00	5924100.0	56015.97	56146.35	55869.62
613012.50	5924100.0	55829.35	56146.26	55683.09
613025.00	5924100.0	55905.78	56130.34	55775.44
613037.50	5924100.0	55897.29	56129.95	55767.34
613050.00	5924100.0	55858.2	56129.44	55728.76
613062.50	5924100.0	55828.46	56129.48	55698.98
613075.00	5924100.0	55876.76	56129.36	55747.4
613087.50	5924100.0	55864.32	56128.91	55735.41
613100.00	5924100.0	55831.14	56129.19	55701.95
613112.50	5924100.0	55859.6	56129.62	55729.98
613125.00	5924100.0	55850.82	56129.78	55721.04
613137.50	5924100.0	55762.09	56130.3	55631.79
613150.00	5924100.0	55796.36	56129.51	55666.85
613162.50	5924100.0	55798.68	56129.57	55669.11
613175.00	5924100.0	55791.45	56130.95	55660.5
613187.50	5924100.0	55805	56131.43	55673.57
613200.00	5924100.0	55821.68	56131.37	55690.31
613212.50	5924100.0	55732.45	56131.61	55600.84
613225.00	5924100.0	55744.94	56131.03	55613.91
613237.50	5924100.0	55774.3	56130.85	55643.45
613250.00	5924100.0	55841.81	56130.86	55710.95
613262.50	5924100.0	55882.06	56129.99	55752.07
613275.00	5924100.0	55879.51	56130.88	55748.63
613287.50	5924100.0	55867.15	56131.09	55736.06
613300.00	5924100.0	55884.94	56130.11	55754.83
613312.50	5924100.0	55790.77	56129.75	55661.02
613325.00	5924100.0	55848.12	56130.36	55717.76
613337.50	5924100.0	55826.12	56130.05	55696.07
613350.00	5924100.0	55825.02	56130.77	55694.25
613362.50	5924100.0	55758.64	56130.73	55627.91
613375.00	5924100.0	55740.75	56130.83	55609.92
613387.50	5924100.0	55686.67	56131.24	55555.43
613400.00	5924100.0	55754.86	56131.44	55623.42
613412.50	5924100.0	55775.4	56131.35	55644.05
613425.00	5924100.0	55787.51	56131.09	55656.42
613437.50	5924100.0	55725.96	56130.86	55595.1
613450.00	5924100.0	55676.61	56129.95	55546.66
613462.50	5924100.0	55824.9	56130.08	55694.82
613475.00	5924100.0	55693.57	56130.09	55563.48
613487.50	5924100.0	55766.3	56129.98	55636.32
613500.00	5924100.0	55758.37	56130.27	55628.1
613512.50	5924100.0	55812.2	56130.64	55681.56
613525.00	5924100.0	55858.4	56130.38	55728.02
613537.50	5924100.0	55784.13	56130.54	55653.59

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613550.00	5924100.0	55777.73	56130.6	55647.13
613562.50	5924100.0	55826.27	56130.36	55695.91
613575.00	5924100.0	55779.73	56130.07	55649.66
613587.50	5924100.0	55797.53	56130.09	55667.44
613600.00	5924100.0	55814.38	56129.83	55684.55
613612.50	5924100.0	55666.45	56129.88	55536.57
613625.00	5924100.0	55802.66	56129.72	55672.94
613637.50	5924100.0	55793.38	56129.43	55663.95
613650.00	5924100.0	55756.94	56129.46	55627.48
613662.50	5924100.0	55757.75	56129.29	55628.46
613675.00	5924100.0	55791.51	56129.31	55662.2
613687.50	5924100.0	55812.22	56129.21	55683.01
613700.00	5924100.0	55763.13	56129.37	55633.76
613712.50	5924100.0	55807.62	56129.17	55678.45
613725.00	5924100.0	55782.63	56129.11	55653.52
613737.50	5924100.0	55804.21	56129.27	55674.94
613750.00	5924100.0	55869.49	56129.15	55740.34
613762.50	5924100.0	55770.13	56129.42	55640.71
613775.00	5924100.0	55814.92	56129.44	55685.48
613787.50	5924100.0	55756.69	56129.33	55627.36
613800.00	5924100.0	55846.97	56130.06	55716.91
613050.00	5924150.0	55820.52	56141.63	55678.89
613075.00	5924150.0	55822.7	56141.78	55680.92
613100.00	5924150.0	55890.41	56141.81	55748.6
613125.00	5924150.0	55837.92	56142.29	55695.63
613150.00	5924150.0	55896.85	56142.54	55754.31
613175.00	5924150.0	55887.23	56142.77	55744.46
613200.00	5924150.0	55906.11	56143	55763.11
613225.00	5924150.0	55783.61	56143.46	55640.15
613250.00	5924150.0	55864.7	56143.49	55721.21
613275.00	5924150.0	55923.35	56143.72	55779.63
613300.00	5924150.0	55924.75	56143.61	55781.14
613325.00	5924150.0	55887.81	56144.48	55743.33
613350.00	5924150.0	55826.6	56144.18	55682.42
613375.00	5924150.0	55866.93	56144.16	55722.77
613400.00	5924150.0	55727.73	56144.13	55583.6
613425.00	5924150.0	55854.96	56144.22	55710.74
613450.00	5924150.0	55813.09	56144.32	55668.77
613475.00	5924150.0	55856.96	56144.81	55712.15
613500.00	5924150.0	55806.9	56144.95	55661.95
613525.00	5924150.0	55820.13	56145.11	55675.02
613575.00	5924150.0	55732.39	56145.39	55587
613600.00	5924150.0	55752.38	56145.24	55607.14
613625.00	5924150.0	55819.75	56144.88	55674.87
613650.00	5924150.0	55763.6	56144.74	55618.86

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613675.00	5924150.0	55765.42	56144.82	55620.6
613700.00	5924150.0	55810.99	56145.29	55665.7
613725.00	5924150.0	55839.47	56145.34	55694.13
613775.00	5924150.0	55840.12	56145.23	55694.89
613800.00	5924150.0	55851.93	56145.83	55706.1
613000.00	5924200.0	55808.35	56148.65	55659.7
613025.00	5924200.0	55808.53	56148.65	55659.88
613050.00	5924200.0	55808.76	56148.77	55659.99
613075.00	5924200.0	55908.77	56141.58	55767.19
613100.00	5924200.0	55782.63	56141.63	55641
613125.00	5924200.0	55855.95	56141.88	55714.07
613150.00	5924200.0	55834.91	56141.94	55692.97
613175.00	5924200.0	55818.11	56142.29	55675.82
613200.00	5924200.0	55809.56	56142.54	55667.02
613225.00	5924200.0	55869.79	56142.77	55727.02
613250.00	5924200.0	55892.58	56143.2	55749.38
613275.00	5924200.0	55897.07	56143.47	55753.6
613300.00	5924200.0	55842.73	56143.54	55699.19
613325.00	5924200.0	55857.91	56143.64	55714.27
613350.00	5924200.0	55793.63	56143.73	55649.9
613375.00	5924200.0	55787.19	56143.61	55643.58
613400.00	5924200.0	55787.79	56144	55643.79
613425.00	5924200.0	55822.02	56144.16	55677.86
613450.00	5924200.0	55752.97	56143.76	55609.21
613475.00	5924200.0	55833.48	56143.86	55689.62
613500.00	5924200.0	55727.02	56144.17	55582.85
613525.00	5924200.0	55804.36	56144.23	55660.13
613550.00	5924200.0	55795.17	56144.58	55650.59
613575.00	5924200.0	55842.79	56144.88	55697.91
613600.00	5924200.0	55830.56	56144.49	55686.07
613625.00	5924200.0	55863.67	56143.95	55719.72
613650.00	5924200.0	55844.7	56143.88	55700.82
613675.00	5924200.0	55884.12	56144.27	55739.85
613700.00	5924200.0	55849.22	56144.32	55704.9
613725.00	5924200.0	55867.52	56144.21	55723.31
613750.00	5924200.0	55801.51	56144.16	55657.35
613775.00	5924200.0	55894.59	56144.15	55750.44
613800.00	5924200.0	55751.91	56144.22	55607.69
613825.00	5924200.0	55751.46	56144.26	55607.2
613850.00	5924200.0	55751.03	56144.85	55606.18
613075.00	5924250.0	55969.52	56147.92	55821.6
613125.00	5924250.0	56035.22	56148.78	55886.44
613150.00	5924250.0	56018.89	56149.09	55869.8
613175.00	5924250.0	55867.28	56148.56	55718.72
613200.00	5924250.0	55968.09	56148.26	55819.83

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613225.00	5924250.0	55901.48	56148.49	55752.99
613250.00	5924250.0	55903.95	56148.96	55754.99
613275.00	5924250.0	55864.62	56148.99	55715.63
613300.00	5924250.0	55907.36	56148.78	55758.58
613325.00	5924250.0	55822.43	56148.26	55674.17
613350.00	5924250.0	55818.79	56148.28	55670.51
613375.00	5924250.0	55850.05	56148.29	55701.76
613400.00	5924250.0	55805.92	56148.42	55657.5
613425.00	5924250.0	55719.22	56148.79	55570.43
613450.00	5924250.0	55767.22	56148.88	55618.34
613475.00	5924250.0	55801.93	56148.61	55653.32
613500.00	5924250.0	55780.3	56148.07	55632.23
613525.00	5924250.0	55810.14	56148.33	55661.81
613550.00	5924250.0	55811.67	56148.77	55662.9
613575.00	5924250.0	55809.55	56148.68	55660.87
613600.00	5924250.0	55841.55	56148.86	55692.69
613625.00	5924250.0	55832.64	56148.96	55683.68
613650.00	5924250.0	55814.24	56148.63	55665.61
613675.00	5924250.0	55779.62	56148.63	55630.99
613700.00	5924250.0	55815.74	56147.87	55667.87
613725.00	5924250.0	55826.86	56147.87	55678.99
613750.00	5924250.0	55841.93	56148.31	55693.62
613775.00	5924250.0	55875.33	56147.68	55727.65
613800.00	5924250.0	55925.75	56146.34	55779.41
613000.00	5924300.0	55919.85	56148.69	55771.16
613025.00	5924300.0	55919.81	56148.67	55771.14
613050.00	5924300.0	55919.15	56148.43	55770.72
613075.00	5924300.0	56005.47	56148.03	55857.44
613100.00	5924300.0	56159.12	56147.95	56011.17
613125.00	5924300.0	56140.82	56147.84	55992.98
613150.00	5924300.0	56105.19	56147.98	55957.21
613175.00	5924300.0	56188.21	56148.11	56040.1
613200.00	5924300.0	56042.96	56147	55895.96
613225.00	5924300.0	55937.89	56146.53	55791.36
613250.00	5924300.0	55890.85	56146.64	55744.21
613275.00	5924300.0	55880.24	56146.83	55733.41
613300.00	5924300.0	55872.1	56146.5	55725.6
613325.00	5924300.0	55826.66	56146.16	55680.5
613350.00	5924300.0	55728.06	56146.09	55581.97
613375.00	5924300.0	55773.66	56145.98	55627.68
613400.00	5924300.0	55788.29	56145.83	55642.46
613425.00	5924300.0	55790.69	56145.68	55645.01
613450.00	5924300.0	55799.32	56145.49	55653.83
613475.00	5924300.0	55789.3	56145.08	55644.22
613500.00	5924300.0	55635.53	56145.28	55490.25

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613525.00	5924300.0	55732.94	56145.34	55587.6
613550.00	5924300.0	55815.03	56145.34	55669.69
613575.00	5924300.0	55837.58	56145.29	55692.29
613600.00	5924300.0	55870.68	56144.86	55725.82
613625.00	5924300.0	55841.09	56144.74	55696.35
613650.00	5924300.0	55882.9	56144.75	55738.15
613675.00	5924300.0	55891.26	56145.07	55746.19
613700.00	5924300.0	55885.88	56145.28	55740.6
613725.00	5924300.0	55872.28	56145.47	55726.81
613750.00	5924300.0	55863.56	56145.52	55718.04
613775.00	5924300.0	55926.24	56145.36	55780.88
613800.00	5924300.0	55832.98	56145.1	55687.88
613825.00	5924300.0	55832.96	56145.1	55687.86
613850.00	5924300.0	55833.57	56144.87	55688.7
612375.00	5924200	55909.6	56144.61	55764.99
612400.00	5924200	56004.06	56144.16	55859.9
612425.00	5924200	55939.96	56144.15	55795.81
612450.00	5924200	55908.19	56144	55764.19
612475.00	5924200	55835.91	56143.83	55692.08
612500.00	5924200	55866	56144.17	55721.83
612525.00	5924200	55867.87	56144.15	55723.72
612550.00	5924200	55869.1	56144.14	55724.96
612575.00	5924200	55873.29	56144.24	55729.05
612600.00	5924200	55915.18	56143.97	55771.21
612625.00	5924200	55871.9	56143.87	55728.03
612650.00	5924200	55942.01	56143.74	55798.27
612675.00	5924200	55965.73	56143.52	55822.21
612700.00	5924200	56005.28	56143.47	55861.81
612725.00	5924200	56095.9	56143.62	55952.28
612750.00	5924200	56224.24	56143.46	56080.78
612775.00	5924200	56043.43	56143.23	55900.2
612800.00	5924200	55934.18	56143.11	55791.07
612825.00	5924200	55925.05	56143.25	55781.8
612850.00	5924200	55802.37	56143.37	55659
612875.00	5924200	55754.86	56143.42	55611.44
612900.00	5924200	55817.84	56143.33	55674.51
612925.00	5924200	55823.72	56143.12	55680.6
612950.00	5924200	55955.21	56143.52	55811.69
612975.00	5924200	56034.93	56143.52	55891.41
613000.00	5924200	55877.6	56143.48	55734.12
613025.00	5924200	55824.39	56143.71	55680.68
613050.00	5924200	55814.58	56143.7	55670.88
613051.00	5924200	55815.27	56143.76	55671.51
613052.00	5924200	55814.86	56143.78	55671.08
612300.00	5924300	55917.1	56144.37	55772.73

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612325.00	5924300	55907.55	56144.6	55762.95
612350.00	5924300	56009.74	56144.66	55865.08
612375.00	5924300	56175.38	56145	56030.38
612400.00	5924300	56175.68	56145.18	56030.5
612425.00	5924300	56611.23	56145.46	56465.77
612425.00	5924300	56612.17	56145.57	56466.6
612450.00	5924300	56221.09	56146.1	56074.99
612475.00	5924300	56159.83	56146.1	56013.73
612500.00	5924300	56056.04	56146.59	55909.45
612525.00	5924300	56047.09	56147.13	55899.96
612550.00	5924300	56013.29	56147.05	55866.24
612575.00	5924300	55948.58	56147.37	55801.21
612600.00	5924300	56055.91	56147.58	55908.33
612625.00	5924300	56170.59	56147.9	56022.69
612650.00	5924300	55886.81	56148.17	55738.64
612675.00	5924300	55799.13	56148	55651.13
612700.00	5924300	55976.63	56148.27	55828.36
612725.00	5924300	56242.5	56148.68	56093.82
612725.00	5924300	56241.85	56148.76	56093.09
612750.00	5924300	55968.14	56148.84	55819.3
612775.00	5924300	55867.79	56148.99	55718.8
612800.00	5924300	55817.41	56149.02	55668.39
612800.00	5924300	55817.3	56148.98	55668.32
612825.00	5924300	56152.53	56149.28	56003.25
612850.00	5924300	55942.83	56149.76	55793.07
612875.00	5924300	55819.15	56150.04	55669.11
612900.00	5924300	55771.33	56149.98	55621.35
612925.00	5924300	55885.02	56150.17	55734.85
612950.00	5924300	55885.14	56150.59	55734.55
612975.00	5924300	55918.82	56151.12	55767.7
612975.00	5924300	55918.8	56151.01	55767.79
613000.00	5924300	55795.24	56151.48	55643.76
613025.00	5924300	55825.86	56151.91	55673.95
613048.00	5924300	55903.21	56143.13	55760.08
613049.00	5924300	55903.06	56143.12	55759.94
613050.00	5924300	55898.05	56151.93	55746.12
613050.00	5924300	55898.11	56151.89	55746.22
613050.00	5924300	55898.26	56151.93	55746.33
613050.00	5924300	55903.74	56143.33	55760.41
612300.00	5924400	56591.8	56143.95	56447.85
612325.00	5924400	56028.94	56143.98	55884.96
612350.00	5924400	56211.93	56143.6	56068.33
612375.00	5924400	56010.23	56144.03	55866.2
612400.00	5924400	56213.76	56144.05	56069.71
612425.00	5924400	55986.55	56143.95	55842.6

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612450.00	5924400	56308.82	56143.65	56165.17
612450.00	5924400	56310.17	56143.69	56166.48
612475.00	5924400	56231.35	56143	56088.35
612500.00	5924400	56004.87	56142.8	55862.07
612525.00	5924400	56079.69	56142.5	55937.19
612550.00	5924400	56100.64	56142.65	55957.99
612575.00	5924400	56015.96	56142.26	55873.7
612600.00	5924400	55922.59	56142.29	55780.3
612625.00	5924400	55946.32	56142.06	55804.26
612650.00	5924400	55968.38	56141.91	55826.47
612675.00	5924400	55850.22	56141.83	55708.39
612700.00	5924400	55728.19	56141.99	55586.2
612725.00	5924400	55722.11	56142.37	55579.74
612750.00	5924400	55777.23	56142.31	55634.92
612775.00	5924400	55681.47	56142.33	55539.14
612800.00	5924400	55785.64	56142.54	55643.1
612825.00	5924400	55796.14	56142.66	55653.48
612850.00	5924400	55782.1	56142.66	55639.44
612875.00	5924400	55741.18	56142.11	55599.07
612900.00	5924400	56107.08	56141.94	55965.14
612900.00	5924400	56105.14	56142.31	55962.83
612925.00	5924400	55984.04	56142.25	55841.79
612950.00	5924400	56018.95	56141.68	55877.27
612975.00	5924400	55885.71	56141.48	55744.23
613000.00	5924400	55840.21	56141.7	55698.51
613025.00	5924400	55806.29	56142	55664.29
613050.00	5924400	55784.91	56137.26	55647.65
613050.00	5924400	55805.56	56141.92	55663.64
613050.00	5924400	55806	56142.38	55663.62
613050.00	5924400	55805.89	56142.46	55663.43
613051.00	5924400	55785.04	56137.17	55647.87
613052.00	5924400	55785.33	56137.08	55648.25
613075.00	5924400	55722.28	56136.97	55585.31
613100.00	5924400	55713.65	56136.95	55576.7
613125.00	5924400	55792.97	56136.92	55656.05
613150.00	5924400	55881.83	56136.9	55744.93
613175.00	5924400	55915	56136.77	55778.23
613200.00	5924400	55869.2	56136.76	55732.44
613225.00	5924400	55874.76	56136.8	55737.96
613250.00	5924400	55869.61	56136.89	55732.72
613275.00	5924400	55909.88	56136.79	55773.09
613300.00	5924400	55958.04	56136.83	55821.21
613325.00	5924400	55884.02	56136.67	55747.35
613350.00	5924400	55645.08	56136.59	55508.49
613375.00	5924400	55772.02	56136.57	55635.45

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613400.00	5924400	55816.95	56136.37	55680.58
613425.00	5924400	55809.49	56136.17	55673.32
613450.00	5924400	55700.9	56136.13	55564.77
613475.00	5924400	55757.76	56136.05	55621.71
613500.00	5924400	55744.88	56136.13	55608.75
613525.00	5924400	55801.72	56136.08	55665.64
613550.00	5924400	55734.89	56135.99	55598.9
613575.00	5924400	55720.57	56135.9	55584.67
613600.00	5924400	55814.53	56135.85	55678.68
613625.00	5924400	55875.34	56135.77	55739.57
613650.00	5924400	55936.62	56135.81	55800.81
613675.00	5924400	55905.18	56135.79	55769.39
613700.00	5924400	55857.51	56135.83	55721.68
613725.00	5924400	55833.27	56135.73	55697.54
613750.00	5924400	55851.78	56135.62	55716.16
613775.00	5924400	55776.62	56135.63	55640.99
613800.00	5924400	55836.87	56135.58	55701.29
613801.00	5924400	55837.14	56135.51	55701.63
613802.00	5924400	55837.02	56135.48	55701.54
612300.00	5924500	56015.34	56141.72	55873.62
612300.00	5924500	56014.54	56141.76	55872.78
612300.00	5924500	56014	56141.73	55872.27
612325.00	5924500	56027.96	56141.65	55886.31
612350.00	5924500	55998.17	56141.6	55856.57
612375.00	5924500	56051.33	56141.83	55909.5
612400.00	5924500	56209.76	56141.2	56068.56
612425.00	5924500	56363.26	56140.96	56222.3
612425.00	5924500	56368.26	56141.01	56227.25
612450.00	5924500	55919.21	56140.36	55778.85
612475.00	5924500	56167.68	56140.26	56027.42
612500.00	5924500	55831.05	56139.85	55691.2
612500.00	5924500	55831.87	56139.85	55692.02
612525.00	5924500	56114.92	56139.65	55975.27
612550.00	5924500	56222.01	56139.62	56082.39
612600.00	5924500	55910.54	56139.66	55770.88
612625.00	5924500	55991.04	56139.37	55851.67
612650.00	5924500	55979.4	56139	55840.4
612675.00	5924500	56138.23	56138.65	55999.58
612700.00	5924500	55860.6	56138.42	55722.18
612725.00	5924500	55940.12	56138.15	55801.97
612750.00	5924500	55968.48	56138.2	55830.28
612775.00	5924500	55901.49	56137.73	55763.76
612800.00	5924500	56035.02	56137.78	55897.24
612825.00	5924500	56002.23	56137.46	55864.77
612850.00	5924500	56118.69	56137.45	55981.24

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612875.00	5924500	56084.11	56136.97	55947.14
612900.00	5924500	56049.67	56136.93	55912.74
612925.00	5924500	55956.37	56136.81	55819.56
612950.00	5924500	55888.23	56136.83	55751.4
612975.00	5924500	55801.97	56136.87	55665.1
613000.00	5924500	55830.83	56136.89	55693.94
613025.00	5924500	55861.01	56136.55	55724.46
613050.00	5924500	55940.48	56136.61	55803.87
613075.00	5924500	55701.1	56136.65	55564.45
613100.00	5924500	55681.86	56136.6	55545.26
613125.00	5924500	55687.28	56136.49	55550.79
613150.00	5924500	55806.87	56136.5	55670.37
613175.00	5924500	55872.25	56136.45	55735.8
613200.00	5924500	55963.42	56136.5	55826.92
613225.00	5924500	55999.18	56136.53	55862.65
613250.00	5924500	55928.65	56136.74	55791.91
613250.00	5924500	55927.59	56136.72	55790.87
613275.00	5924500	55883.45	56136.74	55746.71
613300.00	5924500	56065.2	56136.69	55928.51
613325.00	5924500	55896.38	56136.65	55759.73
613350.00	5924500	55887.89	56136.29	55751.6
613375.00	5924500	55785.31	56136.14	55649.17
613400.00	5924500	55769.89	56135.75	55634.14
613425.00	5924500	55916.75	56135.43	55781.32
613450.00	5924500	55946.69	56135.54	55811.15
613475.00	5924500	55983.96	56135.44	55848.52
613500.00	5924500	55832.82	56135.55	55697.27
613525.00	5924500	55820.21	56135.64	55684.57
613550.00	5924500	55718.54	56135.6	55582.94
613575.00	5924500	55830.89	56135.21	55695.68
613600.00	5924500	55732.45	56135.16	55597.29
613625.00	5924500	55764.07	56135.41	55628.66
613650.00	5924500	55872.53	56134.96	55737.57
613675.00	5924500	55904.76	56135.59	55769.17
613700.00	5924500	56055.17	56135.36	55919.81
613725.00	5924500	55803.47	56135.36	55668.11
613750.00	5924500	55746.3	56135.29	55611.01
613775.00	5924500	55818.22	56135.44	55682.78
613800.00	5924500	55736.05	56135.35	55600.7
613800.00	5924500	55736.03	56135.54	55600.49
613800.00	5924500	55735.7	56135.59	55600.11
613050.00	5924600	55794.87	56149.39	55645.48
613050.00	5924600	55793.97	56148.84	55645.13
613050.00	5924600	55793.31	56148.26	55645.05
613050.00	5924600	55958.21	56162.47	55795.74

East	North			Mag_nT
NAD83_Z9	NAD83_Z9	Mag_nT_raw	Mag_nT_base	diurnal_corec
613050.00	5924600	55958.34	56162.38	55795.96
613050.00	5924600	55958.07	56162.25	55795.82
613075.00	5924600	55751	56149.68	55601.32
613100.00	5924600	55759.44	56150.18	55609.26
613125.00	5924600	55811.92	56150.91	55661.01
613150.00	5924600	55814.27	56151.69	55662.58
613175.00	5924600	55832.59	56151.44	55681.15
613200.00	5924600	55802.97	56151.19	55651.78
613225.00	5924600	55943.3	56151.14	55792.16
613250.00	5924600	55918.43	56151.25	55767.18
613275.00	5924600	55869.06	56152.2	55716.86
613300.00	5924600	55887.92	56153.03	55734.89
613325.00	5924600	55970.77	56152.9	55817.87
613350.00	5924600	55886.6	56153.2	55733.4
613375.00	5924600	55997.95	56153.62	55844.33
613375.00	5924600	55998.54	56153.67	55844.87
613400.00	5924600	55955.6	56154.47	55801.13
613425.00	5924600	56063.11	56154.79	55908.32
613450.00	5924600	56032.83	56155.46	55877.37
613475.00	5924600	55819.73	56155.32	55664.41
613500.00	5924600	55949.39	56155.48	55793.91
613525.00	5924600	56195.1	56155.4	56039.7
613550.00	5924600	55867.02	56155.72	55711.3
613575.00	5924600	55805.11	56155.97	55649.14
613600.00	5924600	55911.23	56156.36	55754.87
613625.00	5924600	55871.51	56156.12	55715.39
613650.00	5924600	55914.46	56155.57	55758.89
613675.00	5924600	55805.89	56155.74	55650.15
613700.00	5924600	55939.88	56155.17	55784.71
613700.00	5924600	55939.08	56155.21	55783.87
613725.00	5924600	55823.16	56155.21	55667.95
613750.00	5924600	55814	56155.35	55658.65
613775.00	5924600	55771.36	56155.52	55615.84
613800.00	5924600	55785.85	56155.3	55630.55
613800.00	5924600	55785.44	56155.14	55630.3
613800.00	5924600	55785.74	56155.26	55630.48
613050.00	5924700	55898.28	56163.03	55735.25
613050.00	5924700	55898.3	56163.05	55735.25
613050.00	5924700	55898.27	56163.05	55735.22
613075.00	5924700	55984.35	56163.01	55821.34
613100.00	5924700	55898.72	56163.89	55734.83
613125.00	5924700	55879.63	56164.23	55715.4
613150.00	5924700	55495.95	56165.91	55330.04
613150.00	5924700	55501.86	56165.28	55336.58
613175.00	5924700	56082.12	56166.13	55915.99

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613200.00	5924700	55756	56165.66	55590.34
613225.00	5924700	55963.84	56165.24	55798.6
613250.00	5924700	55839.94	56163.23	55676.71
613275.00	5924700	56039.46	56162.67	55876.79
613300.00	5924700	55925.57	56162.33	55763.24
613325.00	5924700	56413.05	56162.14	56250.91
613350.00	5924700	55997.89	56161.76	55836.13
613375.00	5924700	56009.35	56161.28	55848.07
613400.00	5924700	55915.22	56161.49	55753.73
613425.00	5924700	55913.96	56160.93	55753.03
613425.00	5924700	55913.37	56160.82	55752.55
613450.00	5924700	55956.79	56161.22	55795.57
613475.00	5924700	55855.19	56160.69	55694.5
613500.00	5924700	55915.54	56160.27	55755.27
613525.00	5924700	55918.67	56160.15	55758.52
613550.00	5924700	55910.29	56159.91	55750.38
613575.00	5924700	55863.07	56159.57	55703.5
613600.00	5924700	55900.29	56159.36	55740.93
613625.00	5924700	55926.54	56158.98	55767.56
613650.00	5924700	55901.96	56158.97	55742.99
613675.00	5924700	56149.27	56158.47	55990.8
613700.00	5924700	55689.21	56157.77	55531.44
613725.00	5924700	55747.23	56157.17	55590.06
613750.00	5924700	55767.78	56155.76	55612.02
613775.00	5924700	55643.8	56155.64	55488.16
613798.00	5924700	55803.06	56155.41	55647.65
613799.00	5924700	55802.46	56155.35	55647.11
613800.00	5924700	55802.16	56155.32	55646.84
612300.00	5924150	56064.4	56144.18	55920.22
612325.00	5924150	55976.2	56144.16	55832.04
612325.00	5924150	55974.83	56144.27	55830.56
612325.00	5924150	55976.84	56144.22	55832.62
612350.00	5924150	56013.68	56144.13	55869.55
612375.00	5924150	55926.53	56144.27	55782.26
612400.00	5924150	55964.69	56144.37	55820.32
612425.00	5924150	55981.94	56144.72	55837.22
612450.00	5924150	55909.07	56144.15	55764.92
612475.00	5924150	55924.71	56144.17	55780.54
612500.00	5924150	56137.29	56143.85	55993.44
612525.00	5924150	55927.91	56144.24	55783.67
612550.00	5924150	55857.35	56144.21	55713.14
612575.00	5924150	55944.28	56144.18	55800.1
612575.00	5924150	55950.02	56144.19	55805.83
612600.00	5924150	56143.93	56144.3	55999.63
612625.00	5924150	56072.49	56143.62	55928.87

East	North			Mag_nT
NAD83_Z9	NAD83_Z9	Mag_nT_raw	Mag_nT_base	diurnal_corec
612625.00	5924150	56073.06	56143.61	55929.45
612650.00	5924150	56080.75	56143.55	55937.2
612675.00	5924150	56262.75	56143.16	56119.59
612700.00	5924150	56307.8	56143.2	56164.6
612725.00	5924150	56332.4	56143.31	56189.09
612750.00	5924150	56260.81	56143.43	56117.38
612775.00	5924150	56195.58	56143.33	56052.25
612800.00	5924150	56066.32	56143.59	55922.73
612825.00	5924150	55857.44	56143.55	55713.89
612850.00	5924150	55821.92	56143.5	55678.42
612875.00	5924150	55682.82	56143.75	55539.07
612900.00	5924150	55880.74	56143.78	55736.96
612925.00	5924150	56112.06	56143.65	55968.41
612950.00	5924150	55960.46	56143.36	55817.1
612975.00	5924150	55935.13	56143.35	55791.78
613000.00	5924150	55916.77	56142.98	55773.79
613025.00	5924150	55919.81	56142.88	55776.93
613050.00	5924150	55815.13	56143.28	55671.85
613075.00	5924150	55855.08	56142.37	55712.71
613100.00	5924150	55883.44	56141.89	55741.55
613100.00	5924150	55884.45	56141.99	55742.46
613100.00	5924150	55884.52	56142.14	55742.38
612300.00	5924250	55951.06	56145.39	55805.67
612325.00	5924250	56014.58	56145.55	55869.03
612350.00	5924250	55964.02	56146.09	55817.93
612375.00	5924250	55937.09	56146.09	55791
612400.00	5924250	55942.98	56146.26	55796.72
612425.00	5924250	55961.56	56146.62	55814.94
612450.00	5924250	56130.28	56147.02	55983.26
612475.00	5924250	56133.68	56147.13	55986.55
612500.00	5924250	56178.37	56147.45	56030.92
612525.00	5924250	56086.58	56147.62	55938.96
612550.00	5924250	55978.65	56147.83	55830.82
612575.00	5924250	55891.82	56147.94	55743.88
612600.00	5924250	55944.19	56148.15	55796.04
612625.00	5924250	56124.3	56148.21	55976.09
612650.00	5924250	56081.17	56148.03	55933.14
612675.00	5924250	55689.76	56148.07	55541.69
612700.00	5924250	55804.02	56148.51	55655.51
612725.00	5924250	55869.09	56148.75	55720.34
612750.00	5924250	55956.7	56148.57	55808.13
612775.00	5924250	55904.31	56148.62	55755.69
612800.00	5924250	55836.88	56149.07	55687.81
612825.00	5924250	56095.53	56149.07	55946.46
612850.00	5924250	56006.44	56149.38	55857.06

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612875.00	5924250	55830.29	56149.78	55680.51
612900.00	5924250	55936.28	56149.96	55786.32
612925.00	5924250	55955.76	56149.98	55805.78
612950.00	5924250	55906.13	56150.66	55755.47
612975.00	5924250	55868.28	56151.16	55717.12
613000.00	5924250	55860.92	56151.64	55709.28
613025.00	5924250	55934.43	56152.02	55782.41
613050.00	5924250	55948.37	56151.93	55796.44
613050.00	5924250	55936.36	56141.81	55794.55
613050.00	5924250	55935.88	56141.8	55794.08
613050.00	5924250	55935.36	56141.78	55793.58
613075.00	5924250	56001.7	56152.06	55849.64
613100.00	5924250	55947.36	56153.48	55793.88
613100.00	5924250	55954.94	56152.85	55802.09
613100.00	5924250	55954.38	56152.81	55801.57
612300.00	5924350	55957.35	56141.97	55815.38
612300.00	5924350	55958.13	56142.14	55815.99
612300.00	5924350	55959.33	56142.35	55816.98
612325.00	5924350	56105.85	56142.45	55963.4
612350.00	5924350	56026.74	56142.7	55884.04
612375.00	5924350	56179.63	56142.57	56037.06
612400.00	5924350	56366.52	56142.55	56223.97
612425.00	5924350	56217.14	56142.38	56074.76
612425.00	5924350	56220.25	56142.25	56078
612450.00	5924350	56228.17	56141.65	56086.52
612475.00	5924350	56272.7	56141.55	56131.15
612500.00	5924350	56027.58	56142.03	55885.55
612500.00	5924350	56027.09	56141.76	55885.33
612525.00	5924350	55966.25	56142.36	55823.89
612550.00	5924350	55936.07	56142.36	55793.71
612575.00	5924350	55970.24	56142.47	55827.77
612600.00	5924350	56168.08	56142.57	56025.51
612600.00	5924350	56168.06	56142.58	56025.48
612625.00	5924350	56597.38	56142.62	56454.76
612625.00	5924350	56602.44	56142.65	56459.79
612650.00	5924350	56389.2	56142.55	56246.65
612650.00	5924350	56390.83	56142.37	56248.46
612675.00	5924350	56246.09	56142.3	56103.79
612700.00	5924350	55848.55	56142.08	55706.47
612700.00	5924350	55848.79	56141.97	55706.82
612725.00	5924350	56062.14	56142.1	55920.04
612725.00	5924350	56063.04	56142.08	55920.96
612750.00	5924350	55785.48	56142.13	55643.35
612750.00	5924350	55791	56142.04	55648.96
612775.00	5924350	55882.45	56142.23	55740.22

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612800.00	5924350	55880.01	56142.66	55737.35
612825.00	5924350	55850.09	56142.71	55707.38
612850.00	5924350	55949.37	56143.12	55806.25
612875.00	5924350	56212.8	56143.41	56069.39
612875.00	5924350	56215.91	56143.6	56072.31
612900.00	5924350	55875.83	56143.63	55732.2
612900.00	5924350	55869.88	56143.68	55726.2
612925.00	5924350	55885.97	56143.76	55742.21
612950.00	5924350	55890.45	56144.13	55746.32
612975.00	5924350	55782.21	56144.16	55638.05
613000.00	5924350	55932.53	56144.74	55787.79
613025.00	5924350	55796.7	56144.82	55651.88
613050.00	5924350	55881.59	56136.86	55744.73
613050.00	5924350	55881.68	56136.94	55744.74
613050.00	5924350	55881.7	56136.93	55744.77
613050.00	5924350	55790.7	56145.29	55645.41
613075.00	5924350	55916.49	56136.78	55779.71
613100.00	5924350	55907.42	56136.8	55770.62
613125.00	5924350	56008.74	56136.95	55871.79
613150.00	5924350	55897.27	56136.85	55760.42
613175.00	5924350	55873.53	56136.6	55736.93
613200.00	5924350	55894.74	56136.57	55758.17
613225.00	5924350	55878	56136.41	55741.59
613250.00	5924350	55854.98	56136.17	55718.81
613275.00	5924350	55998.57	56136.12	55862.45
613300.00	5924350	55897.43	56136.02	55761.41
613325.00	5924350	55817.19	56136.17	55681.02
613350.00	5924350	55800.06	56135.99	55664.07
613375.00	5924350	55778.68	56135.9	55642.78
613400.00	5924350	55737.35	56135.87	55601.48
613425.00	5924350	55890.51	56135.76	55754.75
613450.00	5924350	55827.58	56135.78	55691.8
613475.00	5924350	55768.97	56135.83	55633.14
613500.00	5924350	55717.79	56135.79	55582
613525.00	5924350	55752.15	56135.55	55616.6
613550.00	5924350	55791.04	56135.56	55655.48
613575.00	5924350	55836.8	56135.75	55701.05
613600.00	5924350	55761.42	56135.37	55626.05
613625.00	5924350	55876.5	56135.56	55740.94
613650.00	5924350	55900.35	56135.23	55765.12
613675.00	5924350	55933.83	56135.38	55798.45
613700.00	5924350	55888.9	56135.3	55753.6
613725.00	5924350	55903.59	56135.49	55768.1
613750.00	5924350	55881.62	56135.66	55745.96
613775.00	5924350	56087.64	56135.33	55952.31

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613800.00	5924350	56171.95	56135.24	56036.71
612300.00	5924450	56215.15	56141.59	56073.56
612300.00	5924450	56212.83	56141.71	56071.12
612325.00	5924450	56455.04	56141.78	56313.26
612325.00	5924450	56451.78	56141.73	56310.05
612350.00	5924450	55862.18	56141.03	55721.15
612350.00	5924450	55862.03	56141.07	55720.96
612375.00	5924450	56158.51	56140.93	56017.58
612400.00	5924450	56083.95	56141.38	55942.57
612425.00	5924450	56358.7	56141	56217.7
612450.00	5924450	56380.45	56140.65	56239.8
612475.00	5924450	56376.22	56140.56	56235.66
612500.00	5924450	56442.67	56140.51	56302.16
612525.00	5924450	56153.26	56140.37	56012.89
612550.00	5924450	56064.76	56140.21	55924.55
612575.00	5924450	56009.9	56139.87	55870.03
612600.00	5924450	55903.13	56139.82	55763.31
612625.00	5924450	55977.94	56139.67	55838.27
612650.00	5924450	55926.78	56139.5	55787.28
612675.00	5924450	55997.78	56139.59	55858.19
612675.00	5924450	55999.6	56139.68	55859.92
612700.00	5924450	56272.69	56139.87	56132.82
612725.00	5924450	56778.9	56139.98	56638.92
612750.00	5924450	56125.3	56139.29	55986.01
612775.00	5924450	56178.97	56139.23	56039.74
612800.00	5924450	55895.63	56138.71	55756.92
612825.00	5924450	55989.27	56138.15	55851.12
612850.00	5924450	56151.84	56137.78	56014.06
612875.00	5924450	56137.81	56137.82	55999.99
612900.00	5924450	55940.86	56137.43	55803.43
612925.00	5924450	56013.1	56137.58	55875.52
612950.00	5924450	56174.23	56137.33	56036.9
612975.00	5924450	55989.75	56137.25	55852.5
613000.00	5924450	56032.22	56136.92	55895.3
613025.00	5924450	55842.72	56136.84	55705.88
613050.00	5924450	55855.01	56136.88	55718.13
613075.00	5924450	55876.75	56136.71	55740.04
613100.00	5924450	55877.49	56136.78	55740.71
613125.00	5924450	56041.56	56136.65	55904.91
613150.00	5924450	55905.1	56136.61	55768.49
613175.00	5924450	55839.02	56136.63	55702.39
613200.00	5924450	55793.9	56136.62	55657.28
613225.00	5924450	55771.04	56136.61	55634.43
613250.00	5924450	55761	56136.57	55624.43
613275.00	5924450	55735.53	56136.5	55599.03

East	North			Mag_nT
NAD83_Z9	NAD83_Z9	Mag_nT_raw	Mag_nT_base	diurnal_corec
613275.00	5924450	55738.06	56136.52	55601.54
613300.00	5924450	56050.9	56136.4	55914.5
613325.00	5924450	55901.35	56136.43	55764.92
613350.00	5924450	55743.08	56136.45	55606.63
613375.00	5924450	55820.22	56136.51	55683.71
613400.00	5924450	55859.77	56136.57	55723.2
613425.00	5924450	55728.96	56136.77	55592.19
613450.00	5924450	55757.12	56136.64	55620.48
613475.00	5924450	55788.79	56136.69	55652.1
613500.00	5924450	55788.74	56136.65	55652.09
613525.00	5924450	55762.01	56136.3	55625.71
613550.00	5924450	55790.1	56136.3	55653.8
613575.00	5924450	55766.87	56136.14	55630.73
613600.00	5924450	55836.57	56135.79	55700.78
613625.00	5924450	55896.3	56135.75	55760.55
613650.00	5924450	55847.12	56135.52	55711.6
613675.00	5924450	55902.32	56135.5	55766.82
613700.00	5924450	55903.97	56135.42	55768.55
613725.00	5924450	56020.96	56135.5	55885.46
613750.00	5924450	55952.46	56135.57	55816.89
613775.00	5924450	55843.73	56135.63	55708.1
613800.00	5924450	55919.97	56135.61	55784.36
613800.00	5924450	55922.76	56135.72	55787.04
613800.00	5924450	55922.1	56135.64	55786.46
613050.00	5924550	55886.18	56148.81	55737.37
613050.00	5924550	55885.38	56148.28	55737.1
613050.00	5924550	55885.97	56148.22	55737.75
613075.00	5924550	55913.54	56149.78	55763.76
613100.00	5924550	55923.46	56149.98	55773.48
613125.00	5924550	55961.47	56150.82	55810.65
613150.00	5924550	55902.44	56151.51	55750.93
613175.00	5924550	55931.9	56151.81	55780.09
613200.00	5924550	55811.47	56151.34	55660.13
613225.00	5924550	55950.36	56151.04	55799.32
613250.00	5924550	55963.61	56151.42	55812.19
613275.00	5924550	55839.5	56151.45	55688.05
613300.00	5924550	55952.21	56152.07	55800.14
613325.00	5924550	56246.51	56152.27	56094.24
613325.00	5924550	56249.08	56152.12	56096.96
613350.00	5924550	55883.58	56152.92	55730.66
613350.00	5924550	55881.24	56152.87	55728.37
613375.00	5924550	55901.06	56153.18	55747.88
613400.00	5924550	55899.3	56153.52	55745.78
613425.00	5924550	56031.07	56153.62	55877.45
613450.00	5924550	55977.55	56154.01	55823.54

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613475.00	5924550	56028.37	56154.49	55873.88
613500.00	5924550	56332.36	56154.46	56177.9
613500.00	5924550	56334.27	56154.47	56179.8
613525.00	5924550	55984.4	56155.44	55828.96
613525.00	5924550	55983.44	56155.55	55827.89
613550.00	5924550	55862.48	56155.46	55707.02
613575.00	5924550	55829.74	56155.44	55674.3
613600.00	5924550	55774.27	56155.3	55618.97
613625.00	5924550	55804.49	56155.64	55648.85
613650.00	5924550	55840.91	56155.95	55684.96
613675.00	5924550	55912.59	56155.81	55756.78
613700.00	5924550	55821.45	56156.36	55665.09
613725.00	5924550	55812.8	56156.07	55656.73
613750.00	5924550	55963.2	56156.16	55807.04
613775.00	5924550	55718.76	56155.95	55562.81
613775.00	5924550	55720.26	56155.81	55564.45
613800.00	5924550	55748.28	56155.73	55592.55
613150.00	5924650	55912.46	56164.2	55748.26
613175.00	5924650	55863.48	56165.39	55698.09
613200.00	5924650	56033.9	56166.31	55867.59
613225.00	5924650	56017.61	56165.75	55851.86
613250.00	5924650	55895.73	56165.5	55730.23
613275.00	5924650	55968.86	56161.77	55807.09
613300.00	5924650	55940.26	56161.27	55778.99
613325.00	5924650	55960.11	56161.32	55798.79
613350.00	5924650	56021.37	56161.32	55860.05
613375.00	5924650	55978.46	56160.85	55817.61
613400.00	5924650	55984.87	56160.43	55824.44
613425.00	5924650	55911.02	56160.27	55750.75
613450.00	5924650	55912.21	56159.94	55752.27
613475.00	5924650	55956.87	56159.72	55797.15
613500.00	5924650	55893.39	56159.42	55733.97
613525.00	5924650	55905.8	56159.17	55746.63
613550.00	5924650	55987.4	56158.9	55828.5
613575.00	5924650	55942.33	56158.84	55783.49
613600.00	5924650	55898.15	56158.6	55739.55
613625.00	5924650	55775.93	56157.71	55618.22
613650.00	5924650	55845.02	56156.96	55688.06
613675.00	5924650	55880.28	56156.14	55724.14
613675.00	5924650	55881.64	56156.33	55725.31
613700.00	5924650	56150.76	56155.74	55995.02
613700.00	5924650	56150.46	56155.87	55994.59
613725.00	5924650	55690.43	56155.4	55535.03
613750.00	5924650	55651.89	56155.43	55496.46
613775.00	5924650	55757.14	56155.28	55601.86

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613800.00	5924650	55787.32	56155.27	55632.05
613800.00	5924650	55788.4	56155.34	55633.06
613800.00	5924650	55789.61	56155.31	55634.3
613125.00	5924650	55971.23	56129.69	55841.54
613125.00	5924650	55971.38	56129.84	55841.54
613125.00	5924650	55971.69	56130.06	55841.63
613100.00	5924650	55690.58	56131	55559.58
613075.00	5924650	55664.4	56130.77	55533.63
613050.00	5924650	55722.93	56131.12	55591.81
613025.00	5924650	55858.97	56131.89	55727.08
613000.00	5924650	55901.19	56132.21	55768.98
612975.00	5924650	55980.2	56133.16	55847.04
612950.00	5924650	55887.37	56134.47	55752.9
612925.00	5924650	55919.63	56135.94	55783.69
612900.00	5924650	55948.05	56137.05	55811
612875.00	5924650	56007.16	56138.13	55869.03
612850.00	5924650	55887.38	56139.52	55747.86
612825.00	5924650	55890.3	56140.06	55750.24
612800.00	5924650	55832.34	56140.63	55691.71
612775.00	5924650	55893.94	56141	55752.94
612750.00	5924650	56051.52	56141.8	55909.72
612725.00	5924650	56098.18	56142.38	55955.8
612700.00	5924650	56177.39	56142.72	56034.67
612675.00	5924650	56089.74	56142.68	55947.06
612650.00	5924650	56240.64	56142.16	56098.48
612625.00	5924650	56179.96	56140.58	56039.38
612600.00	5924650	56024.44	56139.69	55884.75
612575.00	5924650	56075.23	56140.87	55934.36
612550.00	5924650	55684.93	56140.76	55544.17
612525.00	5924650	54867.65	56140.43	54727.22
612500.00	5924650	56161.67	56139.74	56021.93
612500.00	5924650	56167.36	56139.42	56027.94
612475.00	5924650	56071.4	56139.03	55932.37
612450.00	5924650	56133.57	56138.5	55995.07
612425.00	5924650	56027.19	56137.39	55889.8
612400.00	5924650	56168.63	56136.24	56032.39
612375.00	5924650	56206.52	56135.58	56070.94
612350.00	5924650	56091.16	56135.05	55956.11
612325.00	5924650	56102.51	56134.37	55968.14
612300.00	5924650	56269.47	56133.87	56135.6
612300.00	5924650	56269.76	56133.8	56135.96
612300.00	5924650	56269.49	56133.68	56135.81
612300.00	5924550	56043.79	56132.07	55911.72
612300.00	5924550	56043.88	56132.01	55911.87
612300.00	5924550	56043.93	56131.97	55911.96

East	North			Mag_nT
NAD83_Z9	NAD83_Z9	Mag_nT_raw	Mag_nT_base	diurnal_corec
612300.00	5924550	56266.41	56132.95	56133.46
612350.00	5924550	56206.47	56132.64	56073.83
612375.00	5924550	56159.46	56132.31	56027.15
612400.00	5924550	56270.41	56132.02	56138.39
612425.00	5924550	55996.15	56131.87	55864.28
612425.00	5924550	55996.05	56131.75	55864.3
612450.00	5924550	55948.23	56132.04	55816.19
612475.00	5924550	55933.09	56133.69	55799.4
612500.00	5924550	55997.56	56134.34	55863.22
612525.00	5924550	56014.76	56135.04	55879.72
612550.00	5924550	56081.86	56135.55	55946.31
612575.00	5924550	55811.95	56137.47	55674.48
612600.00	5924550	55845.18	56139.26	55705.92
612625.00	5924550	55906.12	56141.82	55764.3
612625.00	5924550	55902.61	56141.93	55760.68
612625.00	5924550	55904.41	56142.88	55761.53
612650.00	5924550	55905.66	56144.02	55761.64
612675.00	5924550	55896.79	56143.93	55752.86
612700.00	5924550	55878.99	56144.21	55734.78
612725.00	5924550	55887.07	56144.48	55742.59
612750.00	5924550	55752.59	56144.65	55607.94
612775.00	5924550	55784.45	56145.62	55638.83
612800.00	5924550	55872.06	56145.99	55726.07
612825.00	5924550	55740.59	56143.79	55596.8
612850.00	5924550	55781.22	56144.15	55637.07
612875.00	5924550	55858.43	56146.03	55712.4
612900.00	5924550	55896.68	56146.99	55749.69
612925.00	5924550	55737.5	56147.9	55589.6
612950.00	5924550	55715	56148.54	55566.46
612975.00	5924550	55974.79	56148.96	55825.83
613000.00	5924550	55955.4	56150.61	55804.79
613025.00	5924550	55912.24	56152.12	55760.12
613050.00	5924550	55908.74	56150.88	55757.86
613050.00	5924550	55908.04	56150.21	55757.83
613050.00	5924550	55907.19	56149.72	55757.47
613050.00	5924650	55745.16	56150.4	55594.76
613050.00	5924650	55745.39	56150.6	55594.79
613050.00	5924650	55745.58	56150.66	55594.92
613050.00	5924700	55893.81	56148.28	55745.53
613050.00	5924700	55893.21	56148.09	55745.12
613050.00	5924700	55893.11	56147.89	55745.22
613025.00	5924700	56043.5	56147.42	55896.08
613000.00	5924700	56031.02	56146.36	55884.66
612975.00	5924700	56018.95	56145.8	55873.15
612950.00	5924700	55863.18	56145.42	55717.76

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612925.00	5924700	55923.52	56145.2	55778.32
612900.00	5924700	55896.02	56143.8	55752.22
612875.00	5924700	55970.68	56143.55	55827.13
612850.00	5924700	55805.15	56142.89	55662.26
612825.00	5924700	55905.31	56143.21	55762.1
612800.00	5924700	55866.4	56143.3	55723.1
612775.00	5924700	55946.28	56142.9	55803.38
612750.00	5924700	55801.38	56141.82	55659.56
612725.00	5924700	55866.94	56140.62	55726.32
612700.00	5924700	55961.02	56140.31	55820.71
612675.00	5924700	55909.67	56139.34	55770.33
612650.00	5924700	56020.65	56138.54	55882.11
612625.00	5924700	56002.12	56138.68	55863.44
612600.00	5924700	55931.47	56138.03	55793.44
612575.00	5924700	55989.2	56136.28	55852.92
612550.00	5924700	56054.09	56135.8	55918.29
612525.00	5924700	56004.58	56135.66	55868.92
612500.00	5924700	55993.67	56135.17	55858.5
612475.00	5924700	56094.46	56135.52	55958.94
612450.00	5924700	55958.24	56133.88	55824.36
612425.00	5924700	55776.55	56133.6	55642.95
612400.00	5924700	55881.83	56133.01	55748.82
612375.00	5924700	55763.68	56132.03	55631.65
612350.00	5924700	56231.31	56131.71	56099.6
612350.00	5924700	56226.34	56131.7	56094.64
612325.00	5924700	56033.47	56131.53	55901.94
612300.00	5924700	56244.82	56131.97	56112.85
612300.00	5924700	56245.53	56131.95	56113.58
612300.00	5924700	56245.73	56131.63	56114.1
612300.00	5924600	55945.21	56129.73	55815.48
612300.00	5924600	55944.61	56129.65	55814.96
612300.00	5924600	55943.9	56129.36	55814.54
612325.00	5924600	56100.98	56127.49	55973.49
612350.00	5924600	56364.52	56126.31	56238.21
612375.00	5924600	55981.98	56125.13	55856.85
612375.00	5924600	55983.91	56124.69	55859.22
612400.00	5924600	55897.5	56124.42	55773.08
612425.00	5924600	56041.48	56123.73	55917.75
612450.00	5924600	56212.13	56122.91	56089.22
612475.00	5924600	56419.09	56122.24	56296.85
612500.00	5924600	56286.38	56122.07	56164.31
612525.00	5924600	55739.05	56121.32	55617.73
612550.00	5924600	55762.97	56120.89	55642.08
612575.00	5924600	55982.41	56120.15	55862.26
612600.00	5924600	56095.31	56119.6	55975.71

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612625.00	5924600	55980.04	56118.37	55861.67
612650.00	5924600	56031.19	56117.49	55913.7
612675.00	5924600	56184.21	56117.14	56067.07
612700.00	5924600	55894.54	56116.98	55777.56
612725.00	5924600	55967.44	56116.58	55850.86
612750.00	5924600	55929.52	56116.71	55812.81
612775.00	5924600	55929.59	56116.73	55812.86
612800.00	5924600	55949.23	56116.15	55833.08
612825.00	5924600	55983.5	56115.96	55867.54
612850.00	5924600	55996.01	56115.89	55880.12
612875.00	5924600	56316.03	56115.71	56200.32
612875.00	5924600	56319.88	56115.39	56204.49
612900.00	5924600	56046.17	56115.55	55930.62
612925.00	5924600	55887.55	56115.05	55772.5
612950.00	5924600	56028.28	56115.1	55913.18
612975.00	5924600	55930.67	56114.82	55815.85
613000.00	5924600	56116.45	56114.61	56001.84
613025.00	5924600	55963.9	56114.52	55849.38
613050.00	5924600	55835.58	56114.2	55721.38
613050.00	5924600	55836.91	56114.21	55722.7
613050.00	5924600	55836.84	56114.24	55722.6
613050.00	5924700	55850.99	56113.34	55737.65
613050.00	5924700	55851.35	56113.35	55738
613050.00	5924700	55851.19	56113.17	55738.02
613050.00	5924700	55850.38	56113.12	55737.26
613050.00	5924750	55855.66	56116.53	55739.13
613050.00	5924750	55855.92	56116.77	55739.15
613050.00	5924750	55856.29	56116.98	55739.31
613075.00	5924750	55855.27	56117.2	55738.07
613100.00	5924750	55755.58	56117.77	55637.81
613125.00	5924750	55763.26	56117.36	55645.9
613150.00	5924750	55924.75	56117.55	55807.2
613175.00	5924750	55925.3	56117.97	55807.33
613200.00	5924750	55868.51	56117.83	55750.68
613225.00	5924750	56024.27	56118.53	55905.74
613250.00	5924750	56147.73	56119.39	56028.34
613275.00	5924750	56058.12	56119.83	55938.29
613275.00	5924750	56058.86	56119.98	55938.88
613300.00	5924750	55801.86	56120.79	55681.07
613325.00	5924750	55720.55	56122.16	55598.39
613350.00	5924750	55844.21	56123.14	55721.07
613375.00	5924750	55885.36	56124.18	55761.18
613400.00	5924750	55888.01	56125.09	55762.92
613425.00	5924750	55885.16	56125.78	55759.38
613450.00	5924750	55874.53	56126.25	55748.28

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613475.00	5924750	55835.94	56126.35	55709.59
613500.00	5924750	55863.62	56126.81	55736.81
613525.00	5924750	55845.23	56127.83	55717.4
613550.00	5924750	55824.27	56128.62	55695.65
613575.00	5924750	55828.56	56129.68	55698.88
613600.00	5924750	55874.99	56129.99	55745
613625.00	5924750	56108.61	56129.87	55978.74
613650.00	5924750	56094.01	56130.12	55963.89
613675.00	5924750	55769.96	56130.28	55639.68
613675.00	5924750	55769.8	56130.42	55639.38
613700.00	5924750	55617.52	56130.22	55487.3
613725.00	5924750	55667.74	56130.81	55536.93
613725.00	5924750	55668.19	56130.87	55537.32
613750.00	5924750	55714.23	56131.05	55583.18
613775.00	5924750	55664.52	56131.46	55533.06
613800.00	5924750	55792.92	56131.37	55661.55
613800.00	5924750	55793.3	56131.48	55661.82
613800.00	5924750	55793.33	56131.5	55661.83
613800.00	5924800	55689.05	56132.94	55556.11
613800.00	5924800	55689.78	56133.03	55556.75
613775.00	5924800	55724.94	56133.35	55591.59
613750.00	5924800	55714.07	56133.37	55580.7
613725.00	5924800	55692.67	56133.38	55559.29
613700.00	5924800	55686.54	56133.7	55552.84
613675.00	5924800	55772.52	56133.67	55638.85
613675.00	5924800	55771.53	56133.46	55638.07
613650.00	5924800	55755	56133.26	55621.74
613625.00	5924800	55781.49	56133.33	55648.16
613600.00	5924800	56167.02	56133.55	56033.47
613575.00	5924800	55905.79	56133.71	55772.08
613550.00	5924800	55871.86	56133.96	55737.9
613525.00	5924800	55816.56	56133.91	55682.65
613500.00	5924800	55801.19	56133.95	55667.24
613475.00	5924800	55946.85	56134.25	55812.6
613450.00	5924800	55930.72	56134.26	55796.46
613425.00	5924800	55831.19	56134.07	55697.12
613400.00	5924800	55832.62	56134.28	55698.34
613375.00	5924800	55878.79	56134.27	55744.52
613350.00	5924800	55910.86	56134.28	55776.58
613325.00	5924800	55769.06	56134.26	55634.8
613300.00	5924800	55818.72	56134.18	55684.54
613275.00	5924800	56077.69	56134.14	55943.55
613250.00	5924800	56386.76	56134.28	56252.48
613225.00	5924800	56371.54	56133.86	56237.68
613200.00	5924800	56428.17	56134.19	56293.98

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
613175.00	5924800	55887.1	56133.42	55753.68
613175.00	5924800	55887.19	56133.33	55753.86
613150.00	5924800	55812.01	56133.58	55678.43
613125.00	5924800	55849.45	56133.86	55715.59
613100.00	5924800	55843.78	56133.66	55710.12
613075.00	5924800	55769.97	56133.45	55636.52
613050.00	5924800	55772.83	56133.6	55639.23
613025.00	5924800	55800.22	56133.65	55666.57
613000.00	5924800	56028.91	56133.75	55895.16
612975.00	5924800	56107.27	56133.14	55974.13
612950.00	5924800	55956.35	56132.87	55823.48
612925.00	5924800	55982.75	56132.6	55850.15
612900.00	5924800	55830.07	56132.38	55697.69
612875.00	5924800	55842.25	56132.7	55709.55
612850.00	5924800	55941.16	56132.85	55808.31
612825.00	5924800	56004.21	56133.09	55871.12
612800.00	5924800	56270.11	56133.17	56136.94
612775.00	5924800	55853.08	56133.26	55719.82
612775.00	5924800	55854.01	56133.21	55720.8
612750.00	5924800	55908.15	56133.12	55775.03
612725.00	5924800	55936.66	56132.95	55803.71
612700.00	5924800	55925	56132.78	55792.22
612675.00	5924800	55855.73	56133.08	55722.65
612650.00	5924800	56263.57	56133.21	56130.36
612650.00	5924800	56264.54	56133.12	56131.42
612625.00	5924800	55960.04	56133.04	55827
612600.00	5924800	55831.95	56133.2	55698.75
612575.00	5924800	55782.74	56133.53	55649.21
612550.00	5924800	55834	56133.68	55700.32
612525.00	5924800	55887.79	56133.86	55753.93
612500.00	5924800	55959.82	56133.92	55825.9
612475.00	5924800	55858.45	56134.21	55724.24
612450.00	5924800	55862.93	56134.59	55728.34
612425.00	5924800	55849.92	56134.82	55715.1
612400.00	5924800	56021.63	56134.66	55886.97
612375.00	5924800	55935.15	56134.76	55800.39
612350.00	5924800	55919.41	56134.54	55784.87
612325.00	5924800	55942.33	56134.62	55807.71
612300.00	5924800	55860.76	56134.55	55726.21
612300.00	5924800	55860.79	56134.49	55726.3
612300.00	5924800	55861.17	56134.51	55726.66
612300.00	5924750	56016.89	56135.76	55881.13
612300.00	5924750	56017.25	56135.71	55881.54
612300.00	5924750	56016.48	56135.87	55880.61
612325.00	5924750	55859.25	56136.27	55722.98

East NAD83_Z9	North NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT diurnal_corec
612350.00	5924750	55971.72	56136.4	55835.32
612375.00	5924750	55869.21	56136.18	55733.03
612400.00	5924750	56070.28	56136.34	55933.94
612425.00	5924750	56059.65	56135.94	55923.71
612450.00	5924750	56089.84	56137.14	55952.7
612475.00	5924750	56105.45	56137.65	55967.8
612500.00	5924750	55964.42	56136.68	55827.74
612525.00	5924750	55836.69	56137.17	55699.52
612550.00	5924750	55781.96	56137.5	55644.46
612575.00	5924750	55996.28	56138.26	55858.02
612600.00	5924750	55871.55	56138.84	55732.71
612625.00	5924750	55893.76	56140.47	55753.29
612650.00	5924750	56079.95	56140.67	55939.28
612675.00	5924750	55906.25	56140.84	55765.41
612700.00	5924750	55984.55	56140.93	55843.62
612725.00	5924750	56038.19	56141.12	55897.07
612750.00	5924750	56077.09	56141.04	55936.05
612775.00	5924750	56119.58	56141.21	55978.37
612800.00	5924750	56036.88	56140.78	55896.1
612825.00	5924750	55990.9	56140.56	55850.34
612850.00	5924750	55943.29	56140.4	55802.89
612875.00	5924750	55978.59	56141.15	55837.44
612900.00	5924750	55887.83	56142.11	55745.72
612925.00	5924750	55933.61	56142.3	55791.31
612950.00	5924750	55912.13	56142.79	55769.34
612975.00	5924750	55842.64	56143.19	55699.45
613000.00	5924750	55842.86	56143.48	55699.38
613025.00	5924750	55850.39	56144.57	55705.82
613050.00	5924750	55899.62	56145.23	55754.39
613050.00	5924750	55899.64	56145.24	55754.4
613050.00	5924750	55901.15	56145.38	55755.77

East NAD83_Z9	North NAD83_Z9	VLF Seatle freq	In Phase vert_perc	Out of Phase vert_perc	x_horiz amp	y_horiz amp	VLF fieldstrength_pT
612325.0	5923950.0	24.8	-24.1	16.5	11	82	0.32
612337.5	5923950.0	24.8	-4.5	2.8	6	47	0.37
612350.0	5923950.0	24.8	-18	16.6	34	63	0.55
612362.5	5923950.0	24.8	-25.7	19.6	30	59	0.5
612375.0	5923950.0	24.8	-24.8	13.8	28	70	0.58
612387.5	5923950.0	24.8	-16.5	14.5	22	60	0.49
612400.0	5923950.0	24.8	-20.8	18.1	25	91	0.36
612412.5	5923950.0	24.8	-14	3.6	1	82	0.31
612425.0	5923950.0	24.8	-14.3	4.5	-1	45	0.34
612437.5	5923950.0	24.8	-23.2	13.6	21	62	0.51
612450.0	5923950.0	24.8	-59.3	6.3	0	64	0.49
612462.5	5923950.0	24.8	-8.9	1.6	5	51	0.39
612475.0	5923950.0	24.8	-19.8	17.7	26	62	0.52
612487.5	5923950.0	24.8	-18.2	11.9	15	59	0.47
612500.0	5923950.0	24.8	-29.3	7.8	0	53	0.4
612512.5	5923950.0	24.8	-18.7	14.2	22	63	0.52
612525.0	5923950.0	24.8	-9.3	11.9	22	44	0.76
612537.5	5923950.0	24.8	-54.2	17.4	20	102	0.8
612550.0	5923950.0	24.8	-9.3	3.1	0	51	0.39
612562.5	5923950.0	24.8	-12.6	10.1	15	36	0.6
612575.0	5923950.0	24.8	-76.3	10.2	19	127	0.99
612587.5	5923950.0	24.8	-20.6	15	22	72	0.58
612600.0	5923950.0	24.8	-14.9	15.4	26	61	0.51
612612.5	5923950.0	24.8	-43.4	14.7	23	86	0.68
612625.0	5923950.0	24.8	3.1	4.1	2	25	0.39
612637.5	5923950.0	24.8	-58	13.5	19	98	0.76
612650.0	5923950.0	24.8	-6.5	16	25	64	0.53
612662.5	5923950.0	24.8	-17	19.8	38	65	0.58
612675.0	5923950.0	24.8	-20.2	17.4	36	72	0.62
612675.0	5923950.0	24.8	-47.8	7.3	0	56	0.43
612687.5	5923950.0	24.8	-8.7	19.1	25	60	0.5
612700.0	5923950.0	24.8	-21.1	14.1	26	48	0.85
612712.5	5923950.0	24.8	-43.2	14.7	33	94	0.76
612725.0	5923950.0	24.8	-16.3	18.8	27	68	0.56
612737.5	5923950.0	24.8	-57.7	12.4	4	77	0.59
612750.0	5923950.0	24.8	-32.5	15.3	25	77	0.63
612762.5	5923950.0	24.8	-12.5	15.6	20	62	0.5
612775.0	5923950.0	24.8	-13.6	15.4	17	64	0.51
612787.5	5923950.0	24.8	-4.5	11.8	23	47	0.8
612812.5	5923950.0	24.8	-14.4	17.2	19	67	0.54
612825.0	5923950.0	24.8	-6.8	14.2	22	64	0.52
612837.5	5923950.0	24.8	-19.8	21	26	69	0.56
612850.0	5923950.0	24.8	-29.5	18.9	29	76	0.63
612862.5	5923950.0	24.8	-9.7	14.9	22	59	0.48
612875.0	5923950.0	24.8	-32.8	14	25	80	0.64

612887.5	5923950.0	24.8	-26.1	13.4	19	47	0.79
612912.5	5923950.0	24.8	-9	15.9	33	69	0.59
612925.0	5923950.0	24.8	-5.1	12	15	58	0.46
612937.5	5923950.0	24.8	-12.7	11.5	21	96	0.37
612950.0	5923950.0	24.8	-17	0.9	0	32	0.25
612962.5	5923950.0	24.8	-20.2	14.2	21	65	0.53
612975.0	5923950.0	24.8	-8.5	9.2	0	47	0.36
612987.5	5923950.0	24.8	-29.5	21.2	34	68	0.58
613050.0	5923950.0	24.8	25.8	1.8	0	75	4.63
613062.5	5923950.0	24.8	1	-6.1	0	65	4.02
613075.0	5923950.0	24.8	2.5	-7	0	76	4.67
613087.5	5923950.0	24.8	-10.1	-11.9	1	65	4
613100.0	5923950.0	24.8	-16.9	-14.4	0	62	3.84
613112.5	5923950.0	24.8	3.7	-9	0	68	4.19
613125.0	5923950.0	24.8	-19.9	-15.2	0	62	3.86
613137.5	5923950.0	24.8	-2.1	-11.6	0	59	3.63
613150.0	5923950.0	24.8	-13.7	-12.9	0	74	4.56
613162.5	5923950.0	24.8	-5.2	-9.3	0	75	4.63
613175.0	5923950.0	24.8	-0.7	-10.1	0	68	4.18
613187.5	5923950.0	24.8	-20.1	-14.6	0	69	4.29
613200.0	5923950.0	24.8	-7	-11.1	0	79	4.87
613212.5	5923950.0	24.8	-18.9	-14.6	0	72	4.42
613225.0	5923950.0	24.8	-19	-14.4	0	78	4.84
613237.5	5923950.0	24.8	-32	-18.1	0	65	4.02
613250.0	5923950.0	24.8	-35.7	-21.9	0	60	3.72
613262.5	5923950.0	24.8	-13.1	-11.5	0	82	5.1
613275.0	5923950.0	24.8	-7.3	-10.1	0	80	4.93
613287.5	5923950.0	24.8	-18.6	-10.7	0	80	4.92
613300.0	5923950.0	24.8	-15.2	-9.9	0	80	4.95
613312.5	5923950.0	24.8	-24.2	-14.4	3	76	4.71
613325.0	5923950.0	24.8	-20.8	-12.5	0	80	4.96
613337.5	5923950.0	24.8	4.3	-12.5	0	86	5.3
613350.0	5923950.0	24.8	-25.4	-37.7	0	26	1.62
613362.5	5923950.0	24.8	-8.8	-14	14	127	3.94
613375.0	5923950.0	24.8	-39.1	-18.7	0	60	3.71
613387.5	5923950.0	24.8	-47.7	-28	3	47	2.94
613400.0	5923950.0	24.8	-13.1	-15.2	0	125	3.86
613412.5	5923950.0	24.8	-17.3	-12.6	0	71	4.37
613425.0	5923950.0	24.8	-19.2	-13.5	0	69	4.24
613437.5	5923950.0	24.8	-16.6	-11.9	0	72	4.42
613450.0	5923950.0	24.8	-35.8	-16.7	0	58	3.61
613462.5	5923950.0	24.8	-18.4	-11.1	0	65	4.05
613475.0	5923950.0	24.8	-21.2	-8.9	0	70	4.34
613487.5	5923950.0	24.8	-22.6	-10.4	0	70	4.32
613500.0	5923950.0	24.8	-21.3	-9.6	2	72	4.44
613512.5	5923950.0	24.8	-14.5	-8	0	70	4.34
613525.0	5923950.0	24.8	-28.7	-11.1	0	65	4.03

613537.5	5923950.0	24.8	-28.2	-10.6	0	68	4.21
613550.0	5923950.0	24.8	-24.4	-9.6	0	66	4.09
613562.5	5923950.0	24.8	-30.5	-9.5	0	70	4.34
613575.0	5923950.0	24.8	-28.7	-10.3	0	65	4.01
613587.5	5923950.0	24.8	-21.9	-8.7	0	73	4.52
613600.0	5923950.0	24.8	-27.3	-9.4	0	70	4.32
613612.5	5923950.0	24.8	-16.7	-7.5	4	74	4.58
613625.0	5923950.0	24.8	-32.2	-12.5	0	58	3.62
613637.5	5923950.0	24.8	-22	-8.2	0	67	4.15
613650.0	5923950.0	24.8	-22.3	-8.3	0	30	3.8
613662.5	5923950.0	24.8	-4.5	-5.9	0	62	3.85
613675.0	5923950.0	24.8	-7.1	-3.9	1	68	4.21
613687.5	5923950.0	24.8	-7.3	-4.8	4	65	4.06
613700.0	5923950.0	24.8	-9.3	-6.7	0	60	3.73
613712.5	5923950.0	24.8	-15	-8.4	0	62	3.83
613725.0	5923950.0	24.8	-18.8	-14.1	0	54	3.34
613737.5	5923950.0	24.8	-12	-11.5	4	55	3.42
613750.0	5923950.0	24.8	-11.6	-6.8	0	58	3.59
613762.5	5923950.0	24.8	-9.3	-5.7	0	68	4.2
613775.0	5923950.0	24.8	-17.1	-8.9	0	51	3.19
613787.5	5923950.0	24.8	-1.9	-5.9	0	59	3.62
612325.0	5924000.0	24.8	-41.6	-8.4	79	67	0.8
612337.5	5924000.0	24.8	-44.8	-13.4	77	65	0.7
612350.0	5924000.0	24.8	-44.7	-7	81	64	0.8
612362.5	5924000.0	24.8	-43.9	-5.9	81	70	0.8
612375.0	5924000.0	24.8	-39.1	-4.1	79	67	0.7
612387.5	5924000.0	24.8	-46.2	-9.4	82	66	0.8
612400.0	5924000.0	24.8	-43.2	-5.9	82	70	0.8
612412.5	5924000.0	24.8	-40.7	-9.3	77	63	0.7
612425.0	5924000.0	24.8	-39.7	-7.2	78	67	0.7
612437.5	5924000.0	24.8	-44	-6.4	79	67	0.7
612450.0	5924000.0	24.8	-45.5	-9.5	84	65	0.8
612462.5	5924000.0	24.8	-50.7	-8.2	76	62	0.7
612475.0	5924000.0	24.8	-43.1	-5.7	79	67	0.8
612487.5	5924000.0	24.8	-45.1	-8.8	80	64	0.7
612500.0	5924000.0	24.8	-50.2	-6.8	79	59	0.7
612512.5	5924000.0	24.8	-51.3	-15	84	65	0.8
612525.0	5924000.0	24.8	-48.7	-5	84	62	0.8
612537.5	5924000.0	24.8	-48.1	-12.5	78	65	0.7
612550.0	5924000.0	24.8	-49.6	-15.9	81	66	0.8
612562.5	5924000.0	24.8	-42.8	-15.9	80	66	0.8
612575.0	5924000.0	24.8	-45.3	-8.1	83	64	0.8
612587.5	5924000.0	24.8	-38.6	-13.9	82	66	0.8
612600.0	5924000.0	24.8	-41.3	-10.5	83	61	0.7
612612.5	5924000.0	24.8	-45.1	-10.6	80	63	0.7
612625.0	5924000.0	24.8	-46.5	-11.8	76	65	0.7
612637.5	5924000.0	24.8	-41.3	-9.6	80	66	0.8

612650.0	5924000.0	24.8	-42.1	-8.3	80	65	0.7
612662.5	5924000.0	24.8	-47.3	-16.2	80	65	0.8
612675.0	5924000.0	24.8	-50.3	-13.1	81	67	0.8
612687.5	5924000.0	24.8	-49.1	-6.5	82	58	0.7
612700.0	5924000.0	24.8	-46.2	-18	83	66	0.8
612712.5	5924000.0	24.8	-44.3	-11.6	83	66	0.8
612725.0	5924000.0	24.8	-46.1	-11.4	76	61	0.7
612737.5	5924000.0	24.8	-45	-15.6	80	64	0.7
612750.0	5924000.0	24.8	-45.5	-11.6	83	68	0.8
612762.5	5924000.0	24.8	-48	-11.7	82	67	0.8
612775.0	5924000.0	24.8	-50.8	-11.4	84	62	0.8
612787.5	5924000.0	24.8	-43.4	-9.5	82	65	0.8
612800.0	5924000.0	24.8	-42.5	-11.3	78	64	0.7
612812.5	5924000.0	24.8	-45.6	-13.7	82	66	0.8
612825.0	5924000.0	24.8	-39.8	-18.4	80	61	0.7
612837.5	5924000.0	24.8	-41.1	-14.5	81	65	0.8
612850.0	5924000.0	24.8	-54.4	-13.7	79	64	0.7
612862.5	5924000.0	24.8	-45.4	-13	81	65	0.7
612875.0	5924000.0	24.8	-46.9	-11.5	80	67	0.8
612887.5	5924000.0	24.8	-40.1	-11.8	82	68	0.8
612900.0	5924000.0	24.8	-44.6	-15.1	83	67	0.8
612912.5	5924000.0	24.8	-36.8	-12.4	79	65	0.7
612925.0	5924000.0	24.8	-41.4	-7.9	79	65	0.7
612937.5	5924000.0	24.8	-41.6	-12	80	65	0.7
612950.0	5924000.0	24.8	-41.1	-9.2	82	70	0.8
612962.5	5924000.0	24.8	-42	-4.8	81	70	0.8
612975.0	5924000.0	24.8	-44.4	-15.1	80	69	0.8
612987.5	5924000.0	24.8	-44.4	-12.7	78	66	0.7
613000.0	5924000.0	24.8	-43.9	-8.3	80	68	0.8
613012.5	5924000.0	24.8	-45.1	-12.5	75	67	0.7
613025.0	5924000.0	24.8	-42.9	-6.9	77	63	0.7
613037.5	5924000.0	24.8	-30.3	12.2	121	125	1.3
613050.0	5924000.0	24.8	-11.7	11.9	61	119	2
613062.5	5924000.0	24.8	49.1	22.5	22	-4	0.7
613075.0	5924000.0	24.8	7.5	15	56	106	1.8
613087.5	5924000.0	24.8	47.1	21.4	45	32	0.8
613100.0	5924000.0	24.8	39.8	26.3	92	64	0.8
613112.5	5924000.0	24.8	18	27.3	103	104	1.1
613125.0	5924000.0	24.8	19	19.7	90	27	0.7
613137.5	5924000.0	24.8	20	29.3	89	25	0.7
613150.0	5924000.0	24.8	21	26	117	125	1.3
613162.5	5924000.0	24.8	14.5	14.5	60	107	1.8
613175.0	5924000.0	24.8	11.9	17	73	116	2.1
613187.5	5924000.0	24.8	21.9	15.8	60	104	1.8
613200.0	5924000.0	24.8	26.6	21.5	58	90	1.6
613212.5	5924000.0	24.8	36.4	21	50	63	1.2
613225.0	5924000.0	24.8	53.5	13.5	50	45	1

613237.5	5924000.0	24.8	42.3	20.6	51	69	1.3
613250.0	5924000.0	24.8	30.9	26.8	72	119	2.1
613250.0	5924000.0	24.8	31.7	23.1	69	115	2
613262.5	5924000.0	24.8	33.9	28.1	50	80	1.4
613275.0	5924000.0	24.8	42.4	14.3	48	59	1.1
613287.5	5924000.0	24.8	35.2	24.7	49	51	1
613300.0	5924000.0	24.8	28.4	29.5	74	117	2.1
613312.5	5924000.0	24.8	24.8	22.3	61	117	2
613325.0	5924000.0	24.8	21.1	21.9	71	119	2.1
613337.5	5924000.0	24.8	18.9	20	63	114	2
613350.0	5924000.0	24.8	28.1	17.5	51	87	1.5
613362.5	5924000.0	24.8	17	17	66	113	2
613375.0	5924000.0	24.8	44.5	17.3	44	27	0.8
613387.5	5924000.0	24.8	36.2	21.2	94	98	1
613400.0	5924000.0	24.8	32.9	18.7	99	110	1.1
613412.5	5924000.0	24.8	25.3	21	105	122	1.2
613425.0	5924000.0	24.8	25.9	14.8	46	71	1.3
613437.5	5924000.0	24.8	21.9	18.6	46	71	1.3
613450.0	5924000.0	24.8	26.8	17.4	44	54	1
613462.5	5924000.0	24.8	33.4	16	44	45	0.9
613475.0	5924000.0	24.8	26.7	13.7	96	100	1
613487.5	5924000.0	24.8	15.1	8.9	106	117	1.2
613500.0	5924000.0	24.8	22.6	18.4	117	124	1.3
613512.5	5924000.0	24.8	11.7	9.9	65	117	2
613525.0	5924000.0	24.8	22.1	9.4	60	108	1.9
613537.5	5924000.0	24.8	26.3	13	46	80	1.4
613550.0	5924000.0	24.8	33.3	11.8	47	80	1.4
613562.5	5924000.0	24.8	39.7	16.3	43	51	1
613575.0	5924000.0	24.8	30.7	18.6	45	79	1.4
613587.5	5924000.0	24.8	34.2	13.4	44	63	1.1
613600.0	5924000.0	24.8	17.4	14.1	58	112	1.9
613612.5	5924000.0	24.8	21.1	10.8	50	92	1.6
613625.0	5924000.0	24.8	20.7	14.9	49	92	1.6
613637.5	5924000.0	24.8	36.1	16.7	44	49	1
613650.0	5924000.0	24.8	33.8	17.1	41	41	0.9
613662.5	5924000.0	24.8	38.6	19.8	84	99	1
613675.0	5924000.0	24.8	38.3	19.1	94	106	1
613687.5	5924000.0	24.8	21.8	24.5	121	125	1.3
613700.0	5924000.0	24.8	18.7	20.5	70	114	2
613712.5	5924000.0	24.8	27.5	18.6	49	94	1.6
613725.0	5924000.0	24.8	24.8	16.4	45	75	1.3
613737.5	5924000.0	24.8	28.2	15.2	41	60	1.1
613750.0	5924000.0	24.8	34.9	18.6	43	36	0.8
613762.5	5924000.0	24.8	18.5	15.2	100	115	1.1
613775.0	5924000.0	24.8	31.2	13.2	86	92	0.9
613787.5	5924000.0	24.8	19.5	16.2	88	101	1
612325.0	5924050.0	24.8	6.6	-17.4	-2	84	0.32

612337.5	5924050.0	24.8	15.9	-19.7	0	88	0.34
612350.0	5924050.0	24.8	13.6	-11.7	2	75	0.28
612362.5	5924050.0	24.8	14	-17.4	4	80	0.3
612375.0	5924050.0	24.8	12.6	-14.7	2	89	0.34
612387.5	5924050.0	24.8	15.7	-23.6	17	95	0.37
612400.0	5924050.0	24.8	3.7	-13.9	4	46	0.36
612412.5	5924050.0	24.8	13.6	-22.9	4	93	0.36
612425.0	5924050.0	24.8	11.6	-13.7	4	45	0.35
612437.5	5924050.0	24.8	3.6	-18.6	0	97	0.37
612450.0	5924050.0	24.8	-0.4	-7.9	0	39	0.3
612462.5	5924050.0	24.8	12.1	-19.3	-9	86	0.33
612475.0	5924050.0	24.8	8.1	-13.8	0	87	0.33
612487.5	5924050.0	24.8	14.2	-11.1	-1	85	0.32
612500.0	5924050.0	24.8	-6.7	-5.8	6	120	0.46
612512.5	5924050.0	24.8	-0.3	0	1	42	0.32
612525.0	5924050.0	24.8	3.1	-2.2	-1	78	0.3
612537.5	5924050.0	24.8	7.8	-9.5	-2	91	0.35
612550.0	5924050.0	24.8	-0.9	-6.7	0	45	0.34
612562.5	5924050.0	24.8	5.4	-8	-4	87	0.33
612575.0	5924050.0	24.8	3.9	-1.7	-1	91	0.35
612587.5	5924050.0	24.8	0	-2.8	0	47	0.36
612600.0	5924050.0	24.8	6.7	-4.6	4	80	0.31
612612.5	5924050.0	24.8	11.9	-10.5	1	101	0.38
612625.0	5924050.0	24.8	5.5	-6.6	3	51	0.39
612637.5	5924050.0	24.8	3.9	-7.4	0	59	0.45
612650.0	5924050.0	24.8	8.3	-10.8	0	60	0.46
612662.5	5924050.0	24.8	9.3	-4.1	3	55	0.43
612675.0	5924050.0	24.8	12.2	-3.8	4	51	0.4
612687.5	5924050.0	24.8	13.7	-12.1	20	56	0.46
612700.0	5924050.0	24.8	0.5	0.5	-1	48	0.37
612712.5	5924050.0	24.8	1.7	-4.5	0	89	0.34
612725.0	5924050.0	24.8	5.7	-14.2	-1	101	0.38
612737.5	5924050.0	24.8	-1.4	-6.7	2	57	0.44
612750.0	5924050.0	24.8	5.1	-14.3	0	49	0.37
612762.5	5924050.0	24.8	-13.3	-9.5	-1	95	0.36
612775.0	5924050.0	24.8	-9.6	-13	0	53	0.41
612787.5	5924050.0	24.8	-13.4	-9.3	-1	50	0.38
612800.0	5924050.0	24.8	-17.7	-4.6	0	55	0.42
612812.5	5924050.0	24.8	-4.8	-4.5	0	52	0.4
612825.0	5924050.0	24.8	-3.2	-11.4	0	64	0.49
612837.5	5924050.0	24.8	8.9	-19.4	28	62	0.52
612850.0	5924050.0	24.8	-10.6	-6.9	1	58	0.45
612862.5	5924050.0	24.8	-6.3	-3.5	0	60	0.46
612875.0	5924050.0	24.8	-9.1	-12.4	2	54	0.42
612887.5	5924050.0	24.8	-8.7	-9.8	-1	49	0.38
612900.0	5924050.0	24.8	-11.8	-5.7	0	110	0.42
612912.5	5924050.0	24.8	14.3	-14.9	25	64	0.53

612925.0	5924050.0	24.8	-8.6	-1.5	0	58	0.44
612937.5	5924050.0	24.8	0	-13.8	1	73	0.56
612950.0	5924050.0	24.8	1.1	-11	0	71	0.55
612962.5	5924050.0	24.8	15.4	-13.8	33	77	0.65
612975.0	5924050.0	24.8	0.9	-6.1	0	62	0.47
612987.5	5924050.0	24.8	16.8	-18	28	64	0.54
613000.0	5924050.0	24.8	9.8	-13.3	26	75	0.61
613012.5	5924050.0	24.8	-3.7	-5.5	0	65	0.5
613025.0	5924050.0	24.8	-3.8	-3.8	0	65	0.5
613037.5	5924050.0	24.8	0.8	-8.8	0	66	0.51
613050.0	5924050.0	24.8	4.7	-4.9	-1	63	0.48
613050.0	5924050.0	24.8	2.4	-6	0	93	5.73
613050.0	5924050.0	24.8	2.6	-5.9	0	46	5.76
613062.5	5924050.0	24.8	-0.5	-7.7	1	49	6.05
613075.0	5924050.0	24.8	3.5	-5.4	2	94	5.81
613087.5	5924050.0	24.8	8.3	-6.7	0	78	4.82
613087.5	5924050.0	24.8	7	-5.7	0	78	4.81
613250.0	5924050.0	24.8	6.9	-10.2	0	71	4.39
613262.5	5924050.0	24.8	4.5	-9.9	0	71	4.4
613275.0	5924050.0	24.8	1.7	-11.3	0	58	3.56
613300.0	5924050.0	24.8	14.3	-5.2	2	71	4.38
613312.5	5924050.0	24.8	18.2	-2.6	2	70	4.32
613325.0	5924050.0	24.8	16.3	-4.4	0	71	4.42
613337.5	5924050.0	24.8	10.9	-5.3	0	74	4.58
613350.0	5924050.0	24.8	13.7	-5.5	0	68	4.22
613362.5	5924050.0	24.8	12.6	-4.4	0	74	4.56
613375.0	5924050.0	24.8	6.5	-6.8	0	74	4.6
613387.5	5924050.0	24.8	3.9	-7.7	0	71	4.37
613400.0	5924050.0	24.8	8.8	-6.4	0	76	4.67
613412.5	5924050.0	24.8	5	-7.5	0	74	4.59
613425.0	5924050.0	24.8	5.6	-8	0	68	4.22
613437.5	5924050.0	24.8	-0.8	-7.9	0	76	4.72
613450.0	5924050.0	24.8	-0.8	-7.5	0	76	4.68
613462.5	5924050.0	24.8	5.7	-5.8	0	76	4.71
613475.0	5924050.0	24.8	6.9	-6	0	68	4.19
613487.5	5924050.0	24.8	-12.8	-7	0	74	4.56
613500.0	5924050.0	24.8	-3.3	-8	0	66	4.09
613512.5	5924050.0	24.8	-9.8	-7.6	0	77	4.74
613525.0	5924050.0	24.8	-7.9	-7.5	0	73	4.52
613537.5	5924050.0	24.8	-2.9	-5.8	0	78	4.82
613550.0	5924050.0	24.8	3	-5.5	0	76	4.72
613562.5	5924050.0	24.8	6.4	-3.2	0	67	4.17
613575.0	5924050.0	24.8	8.7	-1.7	0	78	4.85
613587.5	5924050.0	24.8	13.1	-0.6	0	78	4.83
613600.0	5924050.0	24.8	9.7	-2.5	0	78	4.85
613612.5	5924050.0	24.8	-3.7	-6.2	0	81	4.99
613625.0	5924050.0	24.8	-5	-8	0	68	4.21

613637.5	5924050.0	24.8	-4.5	-8	0	81	4.99
613650.0	5924050.0	24.8	2.4	-7.7	0	71	4.42
613662.5	5924050.0	24.8	7.3	-5.9	0	76	4.67
613675.0	5924050.0	24.8	20	-4	0	70	4.3
613687.5	5924050.0	24.8	23.5	-0.4	0	69	4.28
613700.0	5924050.0	24.8	27.7	0.4	0	65	4.01
613712.5	5924050.0	24.8	25.9	1.4	0	66	4.11
613725.0	5924050.0	24.8	36.5	4.4	0	64	3.99
613737.5	5924050.0	24.8	43	7.6	1	63	3.89
613750.0	5924050.0	24.8	28.4	2.4	2	71	4.37
613762.5	5924050.0	24.8	25	-1.2	0	72	4.44
613775.0	5924050.0	24.8	23.7	-2.9	0	73	4.5
613787.5	5924050.0	24.8	32.4	-2.4	0	69	4.26
612325.0	5924100.0	24.8	51.8	5.7	69	44	0.6
612337.5	5924100.0	24.8	42.6	9	66	57	0.6
612350.0	5924100.0	24.8	45.3	12.3	67	60	0.6
612362.5	5924100.0	24.8	47.8	13.4	68	60	0.7
612375.0	5924100.0	24.8	46.4	4.5	63	59	0.6
612387.5	5924100.0	24.8	44.2	14.2	65	58	0.6
612400.0	5924100.0	24.8	59	5.3	68	37	0.5
612412.5	5924100.0	24.8	54.3	14.4	72	3	0.5
612425.0	5924100.0	24.8	45.1	8.4	63	56	0.6
612437.5	5924100.0	24.8	41.6	7.1	65	56	0.6
612450.0	5924100.0	24.8	51.1	9.2	66	62	0.7
612462.5	5924100.0	24.8	49.5	6.4	70	68	0.7
612475.0	5924100.0	24.8	44.8	10.6	65	58	0.6
612487.5	5924100.0	24.8	58.3	16.6	79	-5	0.6
612500.0	5924100.0	24.8	47.5	12.8	72	32	0.6
612512.5	5924100.0	24.8	38.9	7.2	67	58	0.6
612525.0	5924100.0	24.8	43.2	4.7	70	66	0.7
612537.5	5924100.0	24.8	41.3	7.1	71	59	0.7
612550.0	5924100.0	24.8	43.6	8.1	71	60	0.7
612562.5	5924100.0	24.8	43.6	9.5	69	61	0.7
612575.0	5924100.0	24.8	42.5	12.4	70	61	0.7
612587.5	5924100.0	24.8	40.4	17.9	69	63	0.7
612600.0	5924100.0	24.8	45.6	7.1	70	63	0.7
612612.5	5924100.0	24.8	44.9	10.4	71	65	0.7
612625.0	5924100.0	24.8	38.5	7.5	71	65	0.7
612637.5	5924100.0	24.8	39.1	7.5	69	64	0.7
612650.0	5924100.0	24.8	41.4	6.1	70	64	0.7
612662.5	5924100.0	24.8	37.5	9.4	69	63	0.7
612675.0	5924100.0	24.8	41.7	12.8	72	64	0.7
612687.5	5924100.0	24.8	42.6	7.7	76	68	0.7
612700.0	5924100.0	24.8	40.2	9.4	74	68	0.7
612712.5	5924100.0	24.8	35.2	6.3	73	60	0.7
612725.0	5924100.0	24.8	40	13.9	75	67	0.7
612737.5	5924100.0	24.8	40.8	8.4	74	62	0.7

612750.0	5924100.0	24.8	36.1	11.4	74	59	0.7
612762.5	5924100.0	24.8	41.3	14.2	74	53	0.7
612775.0	5924100.0	24.8	38.6	11.5	76	67	0.7
612787.5	5924100.0	24.8	37.8	11.3	74	63	0.7
612800.0	5924100.0	24.8	40.7	13.9	75	62	0.7
612812.5	5924100.0	24.8	40.7	13.7	74	68	0.7
612825.0	5924100.0	24.8	37.9	8.9	78	71	0.8
612837.5	5924100.0	24.8	41.3	11.1	76	61	0.7
612850.0	5924100.0	24.8	45.9	14.6	74	66	0.7
612862.5	5924100.0	24.8	42.8	12.5	76	71	0.8
612875.0	5924100.0	24.8	44.7	12.5	75	65	0.7
612887.5	5924100.0	24.8	40.8	14.7	76	68	0.7
612900.0	5924100.0	24.8	44.3	13.7	77	65	0.7
612912.5	5924100.0	24.8	42.6	14.5	72	61	0.7
612925.0	5924100.0	24.8	41.1	16.6	78	65	0.7
612937.5	5924100.0	24.8	38.6	17.1	76	62	0.7
612950.0	5924100.0	24.8	41.6	16.5	79	66	0.7
612962.5	5924100.0	24.8	41.2	12.2	76	65	0.7
612975.0	5924100.0	24.8	40.3	19.3	78	65	0.7
612987.5	5924100.0	24.8	40.7	18.1	79	70	0.8
613000.0	5924100.0	24.8	32	18.5	78	63	0.7
613012.5	5924100.0	24.8	36.1	28.2	82	66	0.8
613025.0	5924100.0	24.8	33.6	22.6	83	55	0.7
613037.5	5924100.0	24.8	40.1	23.2	91	78	0.9
613050.0	5924100.0	24.8	35.6	21.7	93	70	0.9
613050.0	5924100.0	24.8	39	17.2	89	64	0.8
613062.5	5924100.0	24.8	24.1	11.3	-6	102	3.1
613075.0	5924100.0	24.8	21.3	11.4	-3	107	3.3
613087.5	5924100.0	24.8	17.6	10.9	12	101	3.1
613100.0	5924100.0	24.8	15.4	9.5	-5	100	3
613112.5	5924100.0	24.8	16.1	8.8	-6	99	3
613125.0	5924100.0	24.8	10.8	7	-3	103	3.1
613137.5	5924100.0	24.8	6	3.8	4	99	3
613150.0	5924100.0	24.8	6.3	4.3	8	93	2.9
613162.5	5924100.0	24.8	4.4	4.1	21	93	2.9
613175.0	5924100.0	24.8	5.7	6.1	22	94	2.9
613187.5	5924100.0	24.8	2.4	7.5	12	88	2.7
613200.0	5924100.0	24.8	4.7	9.4	15	89	2.7
613212.5	5924100.0	24.8	0	7.7	6	92	2.8
613225.0	5924100.0	24.8	1.7	7.2	21	85	2.7
613237.5	5924100.0	24.8	0.2	5.9	21	86	2.7
613250.0	5924100.0	24.8	-10.1	3.4	2	84	2.6
613262.5	5924100.0	24.8	-7.4	3	12	86	2.6
613275.0	5924100.0	24.8	-10.3	1.6	17	89	2.8
613287.5	5924100.0	24.8	-12.1	1.3	21	85	2.7
613300.0	5924100.0	24.8	-16.9	0.1	20	84	2.6
613312.5	5924100.0	24.8	-18.3	-1.9	44	82	2.8

613325.0	5924100.0	24.8	-16.5	-1.6	0	89	2.7
613337.5	5924100.0	24.8	-15.9	1	31	83	2.7
613350.0	5924100.0	24.8	-12.4	2	31	89	2.9
613362.5	5924100.0	24.8	-17.9	-1.1	16	93	2.9
613375.0	5924100.0	24.8	-16.4	0.4	14	94	2.9
613387.5	5924100.0	24.8	-11.5	1.1	29	89	2.8
613400.0	5924100.0	24.8	-12.7	4.1	36	87	2.8
613412.5	5924100.0	24.8	-8.5	1.5	45	80	2.8
613425.0	5924100.0	24.8	-2	1.4	34	87	2.8
613437.5	5924100.0	24.8	1	5.6	34	87	2.8
613450.0	5924100.0	24.8	5.4	6	24	92	2.9
613462.5	5924100.0	24.8	6.9	5	19	88	2.7
613475.0	5924100.0	24.8	7.2	5.1	16	91	2.8
613487.5	5924100.0	24.8	11.5	7	31	83	2.7
613500.0	5924100.0	24.8	9.5	4.1	24	84	2.6
613512.5	5924100.0	24.8	9	5.3	11	87	2.7
613525.0	5924100.0	24.8	7	3.2	17	90	2.8
613537.5	5924100.0	24.8	7	3.9	8	90	2.8
613550.0	5924100.0	24.8	2.2	3.2	9	83	2.5
613562.5	5924100.0	24.8	4.7	4.1	9	89	2.7
613575.0	5924100.0	24.8	0.5	3.8	29	91	2.9
613587.5	5924100.0	24.8	14.9	7.2	29	83	2.7
613600.0	5924100.0	24.8	5.2	3.6	17	86	2.7
613612.5	5924100.0	24.8	9.8	4.9	24	87	2.7
613625.0	5924100.0	24.8	8.3	5.7	11	85	2.6
613637.5	5924100.0	24.8	7.8	4.9	6	87	2.7
613650.0	5924100.0	24.8	5	4.6	3	86	2.6
613662.5	5924100.0	24.8	0.8	4.1	12	90	2.8
613675.0	5924100.0	24.8	-4.7	-0.8	19	85	2.6
613687.5	5924100.0	24.8	-16.7	-3.5	11	91	2.8
613700.0	5924100.0	24.8	-23.8	-7.2	14	92	2.8
613712.5	5924100.0	24.8	-24.8	-7	-1	94	2.9
613725.0	5924100.0	24.8	-27.3	-7.1	-11	98	3
613737.5	5924100.0	24.8	-28.4	-6.6	0	94	2.9
613750.0	5924100.0	24.8	-30.8	-4.8	25	87	2.7
613762.5	5924100.0	24.8	-32.6	-6.6	-9	94	2.9
613775.0	5924100.0	24.8	-27.9	-2.9	-7	95	2.9
613787.5	5924100.0	24.8	-27	-0.9	19	93	2.9
612350.0	5924150.0	24.8	-12.2	0.6	0	64	3.98
612375.0	5924150.0	24.8	-7.2	0.1	0	62	3.82
612400.0	5924150.0	24.8	-9.2	0.2	0	66	4.08
612425.0	5924150.0	24.8	-6.6	0.1	0	54	3.37
612450.0	5924150.0	24.8	-11.3	0	0	55	3.41
612475.0	5924150.0	24.8	-10.9	0.7	0	66	4.09
612500.0	5924150.0	24.8	-6	-0.2	0	62	3.81
612525.0	5924150.0	24.8	-5.2	0.7	0	62	3.86
612550.0	5924150.0	24.8	-8.3	0	0	68	4.21

612575.0	5924150.0	24.8	-9.6	0.4	0	78	4.79
612600.0	5924150.0	24.8	-9	0.6	0	83	5.12
612625.0	5924150.0	24.8	-5.8	0.7	0	86	5.3
612625.0	5924150.0	24.8	-5.8	0.3	0	85	5.23
612650.0	5924150.0	24.8	-6.3	0.3	0	80	4.92
612675.0	5924150.0	24.8	-2.3	0.4	0	85	5.28
612700.0	5924150.0	24.8	-8.9	0.5	0	80	4.92
612725.0	5924150.0	24.8	1.1	0.8	0	85	5.22
612750.0	5924150.0	24.8	-7.4	0.9	0	83	5.11
612775.0	5924150.0	24.8	-10.6	0.4	0	80	4.97
612800.0	5924150.0	24.8	-4.1	0.7	1	80	4.92
612825.0	5924150.0	24.8	-5.2	0.1	0	72	4.45
612850.0	5924150.0	24.8	-9	0.3	0	70	4.34
612875.0	5924150.0	24.8	-13.7	0.3	0	62	3.81
612900.0	5924150.0	24.8	-11.5	0.4	0	70	4.33
612925.0	5924150.0	24.8	-10.7	0.2	0	72	4.44
612950.0	5924150.0	24.8	-2.9	0.4	0	73	4.52
612975.0	5924150.0	24.8	-10	0.3	0	75	4.61
613000.0	5924150.0	24.8	-9.5	0.1	0	71	4.41
613025.0	5924150.0	24.8	-11.3	0.2	0	72	4.42
613075.0	5924150.0	24.8	-10.4	0.2	0	71	4.39
613100.0	5924150.0	24.8	-38.6	-8.3	0	71	4.41
613100.0	5924150.0	24.8	-8.4	0.1	0	73	4.5
613150.0	5924150.0	24.8	-35.5	-11.2	3	74	4.59
613175.0	5924150.0	24.8	-45.7	-13.9	0	69	4.26
613200.0	5924150.0	24.8	-26.7	-9.9	0	76	4.72
613225.0	5924150.0	24.8	-30	-9.3	0	68	4.18
613250.0	5924150.0	24.8	-20.5	-7.2	0	85	5.26
613275.0	5924150.0	24.8	-16.2	-7.2	0	84	5.17
613300.0	5924150.0	24.8	-3.3	-1.8	0	87	5.4
613325.0	5924150.0	24.8	6.7	-0.6	0	77	4.78
613350.0	5924150.0	24.8	-0.9	-2.9	0	88	5.45
613350.0	5924150.0	24.8	0	-4.2	0	88	5.43
613375.0	5924150.0	24.8	-10.4	-8.4	0	76	4.69
613375.0	5924150.0	24.8	-7.9	-7.2	0	78	4.84
613400.0	5924150.0	24.8	-11.3	-7.3	0	86	5.32
613425.0	5924150.0	24.8	-3.2	-4.4	0	83	5.12
613450.0	5924150.0	24.8	-21.7	-7.1	0	79	4.9
613475.0	5924150.0	24.8	-25.2	-5.9	0	71	4.4
613500.0	5924150.0	24.8	-22.8	-4.4	0	79	4.87
613525.0	5924150.0	24.8	-27.1	-4	0	70	4.32
613575.0	5924150.0	24.8	-13.3	-3	0	75	4.64
613600.0	5924150.0	24.8	-3.9	-0.8	0	73	4.54
613625.0	5924150.0	24.8	3.7	2.3	0	77	4.74
613650.0	5924150.0	24.8	0.9	1.8	0	78	4.84
613675.0	5924150.0	24.8	10.4	4.5	0	82	5.08
613700.0	5924150.0	24.8	-7.2	0.1	0	85	5.26

613725.0	5924150.0	24.8	-14.3	-0.7	0	85	5.22
613775.0	5924150.0	24.8	-0.4	-0.5	0	86	5.29
612350.0	5924200.0	24.8	-41.1	-7.6	2	74	2.2
612375.0	5924200.0	24.8	-39.1	-0.6	8	73	2.2
612400.0	5924200.0	24.8	-36.6	-4.7	23	71	2.3
612425.0	5924200.0	24.8	-34.5	-1	-7	73	2.2
612450.0	5924200.0	24.8	-34.7	-0.9	4	73	2.2
612475.0	5924200.0	24.8	-35.7	0	2	73	2.2
612500.0	5924200.0	24.8	-38.1	4.7	5	76	2.3
612525.0	5924200.0	24.8	-26.8	11.4	3	78	2.4
612550.0	5924200.0	24.8	-37.7	3.1	9	80	2.4
612575.0	5924200.0	24.8	-46.8	-5.8	9	78	2.4
612600.0	5924200.0	24.8	-52.6	-8.7	19	74	2.3
612625.0	5924200.0	24.8	-61.8	-17.1	20	79	2.5
612650.0	5924200.0	24.8	-60.9	-8.3	3	81	2.5
612675.0	5924200.0	24.8	-59.9	-10.1	4	77	2.3
612700.0	5924200.0	24.8	-66.9	-9.4	-8	77	2.3
612725.0	5924200.0	24.8	-65.4	-12.7	-3	79	2.4
612750.0	5924200.0	24.8	-57	-4.2	-19	81	2.5
612775.0	5924200.0	24.8	-55.2	-7.1	-1	86	2.6
612800.0	5924200.0	24.8	-53.9	-11.4	2	89	2.7
612825.0	5924200.0	24.8	-52.2	-9	-1	90	2.7
612850.0	5924200.0	24.8	-41.4	-10.1	1	88	2.7
612875.0	5924200.0	24.8	-37.3	-4.4	-17	95	2.9
612900.0	5924200.0	24.8	-48.4	-8.4	-5	94	2.9
612925.0	5924200.0	24.8	-68.3	-15.5	-23	80	2.5
612950.0	5924200.0	24.8	-55.7	-15.4	-28	78	2.5
612975.0	5924200.0	24.8	-41.3	-7.3	-9	81	2.5
613000.0	5924200.0	24.8	33.7	12	12	88	2.7
613025.0	5924200.0	24.8	32.8	11.8	14	85	2.6
613050.0	5924200.0	24.8	-42.5	-14.6	-1	82	2.5
613075.0	5924200.0	24.8	32.4	14.3	25	83	2.6
613100.0	5924200.0	24.8	34.8	10.1	17	92	2.8
613125.0	5924200.0	24.8	35.7	14.5	-17	85	2.6
613150.0	5924200.0	24.8	31.9	18.3	-4	87	2.6
613175.0	5924200.0	24.8	39.7	22.4	13	85	2.6
613200.0	5924200.0	24.8	36.7	19.7	15	85	2.6
613225.0	5924200.0	24.8	30.5	11.4	12	88	2.7
613250.0	5924200.0	24.8	17.2	9.2	10	94	2.9
613275.0	5924200.0	24.8	13.5	6.9	-10	90	2.7
613300.0	5924200.0	24.8	13.1	7.1	20	91	2.8
613325.0	5924200.0	24.8	15.6	9.1	27	96	3
613350.0	5924200.0	24.8	19.9	11.7	40	97	3.2
613375.0	5924200.0	24.8	19.3	12	41	91	3
613400.0	5924200.0	24.8	24.6	11.6	14	95	2.9
613425.0	5924200.0	24.8	17.9	7.5	25	95	3
613450.0	5924200.0	24.8	18.8	7.4	17	95	2.9

613475.0	5924200.0	24.8	18.3	7	19	97	3
613500.0	5924200.0	24.8	14.6	4.8	16	96	2.9
613525.0	5924200.0	24.8	12.8	6.8	25	93	2.9
613550.0	5924200.0	24.8	15	4.2	5	91	2.8
613575.0	5924200.0	24.8	7	1.5	-2	94	2.9
613600.0	5924200.0	24.8	10.2	3	20	94	2.9
613625.0	5924200.0	24.8	9.5	2.2	44	97	3.2
613650.0	5924200.0	24.8	16.3	5.2	26	102	3.2
613675.0	5924200.0	24.8	11.2	4	41	99	3.3
613700.0	5924200.0	24.8	20.9	6.3	27	94	3
613725.0	5924200.0	24.8	19.2	4.3	58	91	3.3
613750.0	5924200.0	24.8	22.2	2.8	32	98	3.1
613775.0	5924200.0	24.8	19.2	2.8	5	106	3.2
613800.0	5924200.0	24.8	15.1	0	-1	100	3
613825.0	5924200.0	24.8	13.7	1	-2	102	3.1
612350.0	5924250.0	24.8	7.7	-0.5	0	65	4.02
612375.0	5924250.0	24.8	13.9	-0.1	0	61	3.77
612400.0	5924250.0	24.8	10.3	-0.2	0	68	4.21
612425.0	5924250.0	24.8	8.3	-0.3	0	69	4.24
612450.0	5924250.0	24.8	5.3	-0.3	0	68	4.18
612475.0	5924250.0	24.8	10.1	-0.6	0	69	4.24
612500.0	5924250.0	24.8	15.6	-0.5	0	66	4.09
612525.0	5924250.0	24.8	12.9	-0.2	0	60	3.69
612550.0	5924250.0	24.8	13.2	0.3	0	60	3.69
612575.0	5924250.0	24.8	12.4	-0.7	0	56	3.44
612600.0	5924250.0	24.8	8.2	-0.5	0	60	3.71
612625.0	5924250.0	24.8	9.6	-0.5	0	59	3.66
612650.0	5924250.0	24.8	3.6	-0.4	0	61	3.76
612675.0	5924250.0	24.8	9	-0.7	0	60	3.7
612700.0	5924250.0	24.8	3.3	-0.2	0	65	4.01
612725.0	5924250.0	24.8	4.5	-0.3	0	69	4.25
612750.0	5924250.0	24.8	12	-0.3	0	70	4.35
612775.0	5924250.0	24.8	9.7	-0.3	0	72	4.44
612800.0	5924250.0	24.8	9.2	-0.7	0	68	4.24
612825.0	5924250.0	24.8	13.5	0.2	0	67	4.14
612850.0	5924250.0	24.8	12.9	0	0	63	3.9
612875.0	5924250.0	24.8	11	-0.2	0	63	3.92
612900.0	5924250.0	24.8	7.2	-0.2	0	64	3.97
612925.0	5924250.0	24.8	8.6	-0.8	0	71	4.37
612950.0	5924250.0	24.8	15.1	-0.2	0	68	4.18
612975.0	5924250.0	24.8	11	-0.6	0	67	4.12
613000.0	5924250.0	24.8	7.6	-0.7	0	67	4.17
613025.0	5924250.0	24.8	7.5	-0.4	0	71	4.37
613050.0	5924250.0	24.8	5.1	-0.1	0	72	4.48
613075.0	5924250.0	24.8	32.1	-68.6	0	25	1.59
613100.0	5924250.0	24.8	2	-0.1	0	67	4.12
613125.0	5924250.0	24.8	-40.7	-12.4	0	59	3.63

613150.0	5924250.0	24.8	-26	-7.3	0	71	4.42
613175.0	5924250.0	24.8	-30.1	-8.3	0	76	4.69
613200.0	5924250.0	24.8	-29.4	-9.1	0	76	4.72
613225.0	5924250.0	24.8	-29	-7.2	0	76	4.72
613250.0	5924250.0	24.8	-27.2	-7.1	0	78	4.83
613275.0	5924250.0	24.8	-17.7	-5.1	0	79	4.86
613300.0	5924250.0	24.8	-25.3	-6.3	0	82	5.07
613325.0	5924250.0	24.8	-25.1	-6.2	0	81	5.04
613350.0	5924250.0	24.8	-24.4	-5.3	0	80	4.94
613375.0	5924250.0	24.8	-26	-3	0	80	4.95
613400.0	5924250.0	24.8	-25.5	-4	0	75	4.65
613425.0	5924250.0	24.8	-30.9	-2.5	0	73	4.51
613450.0	5924250.0	24.8	-26.4	-1.1	0	81	5.03
613475.0	5924250.0	24.8	-24.8	0.1	0	84	5.18
613500.0	5924250.0	24.8	-25.3	0.5	0	82	5.07
613525.0	5924250.0	24.8	-26.6	-0.3	0	86	5.32
613550.0	5924250.0	24.8	-21.1	0.1	0	88	5.41
613575.0	5924250.0	24.8	-22	0.3	0	84	5.18
613600.0	5924250.0	24.8	-18.4	0.6	0	89	5.52
613625.0	5924250.0	24.8	-18.5	0	0	85	5.26
613650.0	5924250.0	24.8	-18.3	1.2	0	83	5.14
613675.0	5924250.0	24.8	-15.8	1.6	0	89	5.49
613700.0	5924250.0	24.8	-17	2.2	0	85	5.26
613725.0	5924250.0	24.8	-13.9	3.1	0	87	5.38
613750.0	5924250.0	24.8	-28	1.1	0	46	5.69
613775.0	5924250.0	24.8	-27.2	0.9	0	43	5.33
612350.0	5924300.0	24.8	-16.7	7.7	11	74	2.3
612375.0	5924300.0	24.8	-12.6	8	22	73	2.3
612400.0	5924300.0	24.8	-13.9	8.2	19	75	2.3
612425.0	5924300.0	24.8	-16.4	4.6	11	73	2.2
612450.0	5924300.0	24.8	-14.1	11.3	-14	75	2.3
612475.0	5924300.0	24.8	-15.3	13.2	0	75	2.3
612500.0	5924300.0	24.8	-13.6	8.3	18	75	2.3
612525.0	5924300.0	24.8	-12.2	18.5	38	74	2.5
612550.0	5924300.0	24.8	-22.5	14	21	79	2.5
612575.0	5924300.0	24.8	-16.7	14.1	24	76	2.4
612600.0	5924300.0	24.8	-18.6	14.4	-3	73	2.2
612625.0	5924300.0	24.8	-23.5	12.1	0	78	2.4
612650.0	5924300.0	24.8	-24.9	11.1	13	76	2.3
612675.0	5924300.0	24.8	-29.6	8.2	-7	78	2.4
612700.0	5924300.0	24.8	-31.6	7.9	14	76	2.3
612725.0	5924300.0	24.8	-27	9.9	-2	77	2.3
612725.0	5924300.0	24.8	-29.3	10.3	-3	77	2.3
612750.0	5924300.0	24.8	-35.2	-2.4	10	80	2.5
612775.0	5924300.0	24.8	-41.8	-11	17	73	2.3
612800.0	5924300.0	24.8	-38.3	-8.9	2	73	2.2
612825.0	5924300.0	24.8	-36.9	-6.2	7	75	2.3

612850.0	5924300.0	24.8	-33.5	-8.6	22	75	2.4
612875.0	5924300.0	24.8	-29.3	-1.6	8	77	2.4
612900.0	5924300.0	24.8	-31.8	-5.4	16	75	2.3
612925.0	5924300.0	24.8	-32.5	-3.2	6	76	2.3
612950.0	5924300.0	24.8	-32.9	-1.8	9	78	2.4
612975.0	5924300.0	24.8	-34.9	-7.9	29	124	1.9
613000.0	5924300.0	24.8	42.1	11.5	21	76	2.4
613025.0	5924300.0	24.8	39.7	14.1	18	76	2.4
613025.0	5924300.0	24.8	0.1	24.7	24	34	1.2
613050.0	5924300.0	24.8	-37.2	-14.4	29	72	2.3
613075.0	5924300.0	24.8	37.9	13.1	33	79	2.6
613100.0	5924300.0	24.8	34.5	13	18	82	2.5
613125.0	5924300.0	24.8	27.7	6.6	15	78	2.4
613150.0	5924300.0	24.8	18.7	1.1	40	73	2.5
613175.0	5924300.0	24.8	20.6	-1.9	5	75	2.3
613200.0	5924300.0	24.8	17	-2.7	-6	75	2.3
613225.0	5924300.0	24.8	17.3	-7.2	-13	73	2.2
613250.0	5924300.0	24.8	12	-7.6	32	80	2.6
613275.0	5924300.0	24.8	17.5	-0.6	33	76	2.5
613300.0	5924300.0	24.8	17.9	-0.7	35	78	2.6
613325.0	5924300.0	24.8	17.3	-3	30	78	2.5
613350.0	5924300.0	24.8	24.7	1.2	43	75	2.6
613375.0	5924300.0	24.8	32	3.6	-3	82	2.5
613400.0	5924300.0	24.8	28.5	3.4	39	79	2.7
613425.0	5924300.0	24.8	29.6	0	44	77	2.7
613450.0	5924300.0	24.8	33.5	3.1	35	78	2.6
613475.0	5924300.0	24.8	24.9	-1.9	42	79	2.7
613500.0	5924300.0	24.8	33.4	1.2	13	87	2.7
613525.0	5924300.0	24.8	30.2	0.6	26	81	2.6
613550.0	5924300.0	24.8	33.7	1.4	25	79	2.5
613575.0	5924300.0	24.8	30.3	-1.4	29	79	2.6
613600.0	5924300.0	24.8	32.3	1.6	19	86	2.7
613625.0	5924300.0	24.8	27.4	0.3	44	78	2.7
613650.0	5924300.0	24.8	31.6	0	21	91	2.8
613675.0	5924300.0	24.8	29.4	0	19	91	2.8
613700.0	5924300.0	24.8	28.3	0	31	98	3.1
613725.0	5924300.0	24.8	35.6	1.4	42	92	3.1
613750.0	5924300.0	24.8	44	6.3	25	94	3
613775.0	5924300.0	24.8	39.4	1.4	31	94	3
613800.0	5924300.0	24.8	50.5	4.9	29	95	3
613825.0	5924300.0	24.8	50.3	4.4	28	97	3.1
613850.0	5924300.0	24.8	47.9	5.6	26	96	3
612300.0	5924350.0	24.8	-0.7	0.5	0	65	4.03
612325.0	5924350.0	24.8	-0.5	0.3	0	66	4.09
612350.0	5924350.0	24.8	-0.5	0.1	0	67	4.16
612375.0	5924350.0	24.8	-1.1	0.2	0	65	4.04
612400.0	5924350.0	24.8	-0.8	0.6	0	68	4.19

612425.0	5924350.0	24.8	-0.6	0	0	63	3.89
612450.0	5924350.0	24.8	-1.1	0.6	0	67	4.13
612475.0	5924350.0	24.8	-1.2	0	0	58	3.57
612500.0	5924350.0	24.8	-0.8	0	0	66	4.06
612525.0	5924350.0	24.8	-0.5	0.3	0	64	3.94
612550.0	5924350.0	24.8	-0.8	0.5	0	63	3.91
612575.0	5924350.0	24.8	-1	0.5	0	67	4.16
612600.0	5924350.0	24.8	-0.8	-0.2	0	60	3.72
612625.0	5924350.0	24.8	-0.7	0.2	0	62	3.85
612650.0	5924350.0	24.8	-1.4	0.7	0	62	3.85
612675.0	5924350.0	24.8	-0.6	0	0	61	3.8
612700.0	5924350.0	24.8	-0.7	0.2	0	66	4.08
612725.0	5924350.0	24.8	0	0.2	0	61	3.79
612750.0	5924350.0	24.8	0	0.3	0	63	3.89
612775.0	5924350.0	24.8	-0.8	0.3	0	61	3.78
612800.0	5924350.0	24.8	1	-0.2	0	62	3.82
612825.0	5924350.0	24.8	-0.5	0.4	0	62	3.84
612850.0	5924350.0	24.8	-0.3	0.6	0	61	3.75
612875.0	5924350.0	24.8	-0.8	0.8	0	62	3.82
612875.0	5924350.0	24.8	-0.4	0.1	0	61	3.79
612900.0	5924350.0	24.8	-0.6	-0.2	0	60	3.73
612925.0	5924350.0	24.8	-0.3	0.3	0	61	3.75
612950.0	5924350.0	24.8	0.8	0.3	0	59	3.68
612975.0	5924350.0	24.8	-1	0.1	0	59	3.66
613000.0	5924350.0	24.8	-0.8	0.6	0	64	3.94
613025.0	5924350.0	24.8	-0.3	0	0	63	3.92
613050.0	5924350.0	24.8	3.9	-4	0	16	1.01
613075.0	5924350.0	24.8	3.6	-2.2	1	127	1.96
613100.0	5924350.0	24.8	-7.5	0.9	0	121	3.73
613125.0	5924350.0	24.8	-5.3	0.1	0	62	3.84
613150.0	5924350.0	24.8	-7	-0.1	0	64	3.97
613175.0	5924350.0	24.8	-12.1	0.4	0	64	3.99
613200.0	5924350.0	24.8	-2.4	0.2	0	65	4.04
613225.0	5924350.0	24.8	-6.7	0	0	62	3.86
613250.0	5924350.0	24.8	1.4	0	0	64	3.98
613275.0	5924350.0	24.8	-4.6	0.4	0	65	4.03
613300.0	5924350.0	24.8	-4.6	0.3	0	69	4.24
613325.0	5924350.0	24.8	-7	0.2	0	66	4.07
613350.0	5924350.0	24.8	-8.6	0.2	0	65	4.01
613375.0	5924350.0	24.8	-9.5	-0.2	0	68	4.22
613400.0	5924350.0	24.8	-5.6	0.4	0	68	4.23
613425.0	5924350.0	24.8	-6	0.4	0	71	4.37
613450.0	5924350.0	24.8	-12	0.5	0	74	4.57
613475.0	5924350.0	24.8	0	0	0	69	4.27
613500.0	5924350.0	24.8	-2.7	0.2	0	68	4.2
613525.0	5924350.0	24.8	-4.6	-0.4	0	64	3.94
613550.0	5924350.0	24.8	-0.6	0.6	0	67	4.17

613575.0	5924350.0	24.8	1	0	0	67	4.16
613600.0	5924350.0	24.8	-0.8	0.1	0	73	4.49
613625.0	5924350.0	24.8	0.4	0	0	73	4.51
613650.0	5924350.0	24.8	-1.8	0.2	0	71	4.4
613675.0	5924350.0	24.8	-1.2	0.2	0	64	3.97
613700.0	5924350.0	24.8	-0.8	0.4	0	65	4.04
613725.0	5924350.0	24.8	-1.2	0	0	57	3.52
613750.0	5924350.0	24.8	-3.1	-0.3	0	68	4.23
613775.0	5924350.0	24.8	-0.7	0.5	0	74	4.56
612350.0	5924400.0	24.8	-16.3	10.4	19	74	2.3
612375.0	5924400.0	24.8	-18.9	7	-7	76	2.3
612400.0	5924400.0	24.8	-13.5	13.5	16	73	2.3
612425.0	5924400.0	24.8	-19.2	6.3	31	69	2.3
612450.0	5924400.0	24.8	-20	9.7	15	68	2.1
612475.0	5924400.0	24.8	-21.6	13.2	10	75	2.3
612500.0	5924400.0	24.8	-24.9	10.4	32	69	2.3
612525.0	5924400.0	24.8	-20.8	7.9	15	70	2.2
612550.0	5924400.0	24.8	-20.5	12.2	11	71	2.2
612575.0	5924400.0	24.8	-24	7.6	8	72	2.2
612600.0	5924400.0	24.8	-21.3	10.5	5	73	2.2
612625.0	5924400.0	24.8	-22.3	7.1	9	72	2.2
612650.0	5924400.0	24.8	-24.9	6.1	8	69	2.1
612675.0	5924400.0	24.8	-25.6	4.9	9	72	2.2
612700.0	5924400.0	24.8	-22.5	5.7	9	69	2.1
612725.0	5924400.0	24.8	-27	5.9	13	71	2.2
612750.0	5924400.0	24.8	-31.5	-1.8	15	69	2.1
612775.0	5924400.0	24.8	-29.3	-0.9	7	73	2.2
612800.0	5924400.0	24.8	-27.1	3.5	12	68	2.1
612825.0	5924400.0	24.8	-29.5	6.5	17	68	2.1
612850.0	5924400.0	24.8	-29.4	2.4	7	70	2.1
612875.0	5924400.0	24.8	-28.4	0.2	10	74	2.3
612900.0	5924400.0	24.8	-31.8	1.4	16	70	2.2
612900.0	5924400.0	24.8	-31.7	4.3	20	68	2.2
612925.0	5924400.0	24.8	-32.7	-3.1	18	73	2.3
612950.0	5924400.0	24.8	-32.3	-3.4	27	69	2.2
612975.0	5924400.0	24.8	-30.4	-3.4	19	68	2.1
613000.0	5924400.0	24.8	-30.5	-6	11	70	2.1
613025.0	5924400.0	24.8	-33.9	0.4	5	72	2.2
613050.0	5924400.0	24.8	-30.1	-2.5	12	75	2.3
613075.0	5924400.0	24.8	-25.3	-6.5	3	74	2.3
613100.0	5924400.0	24.8	-24.6	-6.5	4	72	2.2
613125.0	5924400.0	24.8	-22.5	-4.4	-1	76	2.3
613150.0	5924400.0	24.8	-17.2	-1.3	22	74	2.3
613175.0	5924400.0	24.8	-15.5	-2.3	27	72	2.3
613200.0	5924400.0	24.8	-13.6	-0.4	15	74	2.3
613225.0	5924400.0	24.8	-10.5	4.6	1	75	2.3
613250.0	5924400.0	24.8	-11.2	5.1	15	73	2.2

613275.0	5924400.0	24.8	-11.1	7	25	72	2.3
613300.0	5924400.0	24.8	-15.4	6.6	48	68	2.5
613325.0	5924400.0	24.8	-12.3	10.5	40	70	2.5
613350.0	5924400.0	24.8	-20.7	4.5	24	79	2.5
613375.0	5924400.0	24.8	-24.8	10.8	22	71	2.3
613400.0	5924400.0	24.8	-26.4	8	33	68	2.3
613425.0	5924400.0	24.8	-33	2.1	26	75	2.4
613450.0	5924400.0	24.8	-38.2	-1	23	78	2.5
613475.0	5924400.0	24.8	-34.3	0	-4	78	2.4
613500.0	5924400.0	24.8	-28.8	3.8	-5	79	2.4
613525.0	5924400.0	24.8	-23.4	4.8	-5	75	2.3
613550.0	5924400.0	24.8	-27.3	3.7	17	76	2.4
613575.0	5924400.0	24.8	-25.3	6.3	9	75	2.3
613600.0	5924400.0	24.8	-26.1	3.3	10	80	2.5
613625.0	5924400.0	24.8	-29.6	3	2	80	2.4
613650.0	5924400.0	24.8	-32.5	-1.2	4	77	2.3
613675.0	5924400.0	24.8	-31.4	-2.2	8	78	2.4
613700.0	5924400.0	24.8	-25.2	0.6	11	76	2.3
613725.0	5924400.0	24.8	-25.8	0.8	12	79	2.4
613750.0	5924400.0	24.8	-28	-0.4	24	75	2.4
613775.0	5924400.0	24.8	-34.1	-3.4	13	76	2.3
612325.0	5924450.0	24.8	0.9	-0.5	0	67	4.16
612350.0	5924450.0	24.8	0.9	-0.3	0	60	3.72
612350.0	5924450.0	24.8	2.6	-0.4	0	61	3.77
612375.0	5924450.0	24.8	0.9	-0.4	0	68	4.22
612400.0	5924450.0	24.8	1	0	0	64	3.96
612425.0	5924450.0	24.8	1.3	-0.4	0	67	4.12
612450.0	5924450.0	24.8	1.1	-0.4	0	63	3.89
612475.0	5924450.0	24.8	0.8	-0.2	0	64	3.97
612500.0	5924450.0	24.8	0.9	0	0	61	3.78
612525.0	5924450.0	24.8	0.3	-0.7	0	65	4.02
612550.0	5924450.0	24.8	0.5	0.1	0	65	4.03
612575.0	5924450.0	24.8	0.8	0	0	67	4.15
612600.0	5924450.0	24.8	0.8	0.1	0	63	3.92
612625.0	5924450.0	24.8	0.7	-0.2	0	66	4.1
612650.0	5924450.0	24.8	0.9	-0.5	0	73	4.5
612675.0	5924450.0	24.8	0.5	-0.6	0	70	4.36
612675.0	5924450.0	24.8	0.5	-0.3	0	70	4.31
612700.0	5924450.0	24.8	0.6	0	0	65	4.03
612725.0	5924450.0	24.8	1.9	0	0	64	3.94
612750.0	5924450.0	24.8	0.7	0.1	0	63	3.89
612775.0	5924450.0	24.8	0.9	-0.3	0	54	3.36
612800.0	5924450.0	24.8	1.9	-0.3	0	66	4.08
612825.0	5924450.0	24.8	1.3	0.1	0	64	3.96
612850.0	5924450.0	24.8	0.9	0.1	0	64	3.96
612875.0	5924450.0	24.8	0.2	-0.3	0	65	4.05
612900.0	5924450.0	24.8	0.3	-0.2	0	62	3.85

612925.0	5924450.0	24.8	0.7	0.1	0	62	3.86
612950.0	5924450.0	24.8	0.8	-0.4	0	66	4.07
612975.0	5924450.0	24.8	0.8	0	0	62	3.86
613000.0	5924450.0	24.8	-1.3	0.5	0	64	3.95
613025.0	5924450.0	24.8	0.9	-0.1	0	62	3.85
613050.0	5924450.0	24.8	0.1	0	0	64	3.94
613075.0	5924450.0	24.8	0.5	-0.7	0	63	3.9
613100.0	5924450.0	24.8	1.4	-0.5	0	64	3.97
613125.0	5924450.0	24.8	0.3	0.2	0	66	4.06
613150.0	5924450.0	24.8	0.2	0	0	61	3.78
613175.0	5924450.0	24.8	0.2	-0.6	0	68	4.21
613200.0	5924450.0	24.8	1	-0.5	0	65	4.05
613225.0	5924450.0	24.8	1.2	0.3	0	63	3.9
613250.0	5924450.0	24.8	1.2	-0.7	0	68	4.22
613275.0	5924450.0	24.8	0.9	0	0	66	4.06
613300.0	5924450.0	24.8	1.3	-0.5	0	67	4.15
613325.0	5924450.0	24.8	0.5	0.1	0	67	4.16
613350.0	5924450.0	24.8	1.3	-0.7	0	70	4.34
613375.0	5924450.0	24.8	1.1	-0.4	0	72	4.44
613400.0	5924450.0	24.8	1.1	-0.1	0	75	4.64
613425.0	5924450.0	24.8	0.8	-0.4	0	69	4.27
613450.0	5924450.0	24.8	1.1	-0.5	0	72	4.45
613475.0	5924450.0	24.8	1.9	-0.7	0	71	4.37
613500.0	5924450.0	24.8	0.6	-0.5	0	78	4.83
613525.0	5924450.0	24.8	0.5	0.2	0	81	4.99
613550.0	5924450.0	24.8	0.6	-0.6	0	76	4.67
613575.0	5924450.0	24.8	0.9	-0.3	0	75	4.64
613600.0	5924450.0	24.8	-0.5	0	0	75	4.62
613625.0	5924450.0	24.8	1	0	0	79	4.86
613650.0	5924450.0	24.8	1	-0.3	0	70	4.31
613675.0	5924450.0	24.8	1	-0.4	0	67	4.17
613700.0	5924450.0	24.8	0.3	0	0	67	4.15
613725.0	5924450.0	24.8	2.9	-0.3	0	67	4.13
613750.0	5924450.0	24.8	1	0	0	66	4.06
613775.0	5924450.0	24.8	0.9	-0.4	0	64	3.95
612350.0	5924500.0	24.8	-12.2	11.5	41	75	2.6
612375.0	5924500.0	24.8	-13.7	5	67	56	2.7
612400.0	5924500.0	24.8	-19	1.8	37	75	2.5
612425.0	5924500.0	24.8	-16.8	7.6	39	73	2.5
612425.0	5924500.0	24.8	-16.9	10.5	42	74	2.6
612450.0	5924500.0	24.8	-11.5	7.8	-14	84	2.6
612475.0	5924500.0	24.8	-13.9	8.1	-5	78	2.4
612500.0	5924500.0	24.8	-11.1	10.7	11	84	2.6
612500.0	5924500.0	24.8	-13.8	6.6	12	80	2.5
612525.0	5924500.0	24.8	-14.7	4.5	10	85	2.6
612550.0	5924500.0	24.8	-15.2	9.3	-4	82	2.5
612600.0	5924500.0	24.8	-20.1	3.5	7	83	2.5

612625.0	5924500.0	24.8	-22.5	9.4	9	82	2.5
612650.0	5924500.0	24.8	-20	4.9	8	80	2.4
612675.0	5924500.0	24.8	-17.5	7.9	4	76	2.3
612700.0	5924500.0	24.8	-18.2	9.6	0	76	2.3
612725.0	5924500.0	24.8	-9.9	8.5	13	79	2.4
612750.0	5924500.0	24.8	-15.1	9.8	0	77	2.3
612775.0	5924500.0	24.8	-16	4.2	15	78	2.4
612800.0	5924500.0	24.8	-16.2	-2.7	54	58	2.4
612825.0	5924500.0	24.8	-19.1	3.1	22	73	2.3
612850.0	5924500.0	24.8	-22	-0.2	20	72	2.3
612875.0	5924500.0	24.8	-20.1	4.1	6	73	2.2
612900.0	5924500.0	24.8	-17.9	0.1	11	74	2.3
612925.0	5924500.0	24.8	-15.5	3.3	11	75	2.3
612950.0	5924500.0	24.8	-14.8	1.4	0	76	2.3
612975.0	5924500.0	24.8	-10.7	1.4	23	72	2.3
613000.0	5924500.0	24.8	-7.9	3.4	12	72	2.2
613025.0	5924500.0	24.8	-1.7	4.3	14	75	2.3
613050.0	5924500.0	24.8	-0.1	10.4	10	76	2.3
613075.0	5924500.0	24.8	-6.4	5.2	10	71	2.2
613100.0	5924500.0	24.8	-2.6	2.6	28	73	2.4
613125.0	5924500.0	24.8	-7.9	2	22	71	2.3
613150.0	5924500.0	24.8	-3	4.5	16	76	2.3
613175.0	5924500.0	24.8	-4	4.7	33	76	2.5
613200.0	5924500.0	24.8	-3.4	8.7	25	76	2.4
613225.0	5924500.0	24.8	1.6	12.5	19	79	2.5
613250.0	5924500.0	24.8	3.9	10	59	68	2.7
613275.0	5924500.0	24.8	-0.6	10.1	45	75	2.6
613300.0	5924500.0	24.8	1.2	17.5	28	78	2.5
613325.0	5924500.0	24.8	-2.3	17.5	19	81	2.5
613350.0	5924500.0	24.8	-11.8	15.6	7	85	2.6
613375.0	5924500.0	24.8	-19.8	7	44	73	2.6
613400.0	5924500.0	24.8	-29.8	-1.4	17	80	2.5
613425.0	5924500.0	24.8	-20.1	6.1	27	81	2.6
613450.0	5924500.0	24.8	-21.8	6	50	69	2.6
613475.0	5924500.0	24.8	-19	4.7	27	75	2.4
613500.0	5924500.0	24.8	-25.5	4.1	31	76	2.5
613525.0	5924500.0	24.8	-28.8	1.8	8	78	2.4
613550.0	5924500.0	24.8	-37.1	-2.6	15	75	2.3
613575.0	5924500.0	24.8	-27.9	5.5	40	70	2.4
613600.0	5924500.0	24.8	-17.3	2.5	30	77	2.5
613625.0	5924500.0	24.8	-16.9	1.3	24	72	2.3
613650.0	5924500.0	24.8	-16.2	4.4	24	74	2.4
613675.0	5924500.0	24.8	-17.3	1.3	18	78	2.4
613700.0	5924500.0	24.8	-20.7	-4.1	18	75	2.3
613725.0	5924500.0	24.8	-19.5	-3.1	23	74	2.4
613750.0	5924500.0	24.8	-13.3	-0.7	24	73	2.3
613775.0	5924500.0	24.8	-13.4	-2.2	20	77	2.4

612350.0	5924550.0	24.8	31.3	4.4	0	85	2.6
612375.0	5924550.0	24.8	32.5	3.3	-14	83	2.5
612400.0	5924550.0	24.8	32.2	4	-24	85	2.7
612425.0	5924550.0	24.8	30.9	5.6	-4	84	2.5
612425.0	5924550.0	24.8	34.2	2.6	-6	84	2.6
612450.0	5924550.0	24.8	26.8	-0.3	-3	84	2.5
612475.0	5924550.0	24.8	39.2	2.4	19	79	2.5
612500.0	5924550.0	24.8	24.9	-8.1	15	81	2.5
612525.0	5924550.0	24.8	26.9	-4.5	-9	83	2.5
612550.0	5924550.0	24.8	28.9	-11.8	-13	78	2.4
612575.0	5924550.0	24.8	30.3	-4.6	-19	78	2.4
612600.0	5924550.0	24.8	27.9	-0.1	-30	72	2.4
612625.0	5924550.0	24.8	22.7	5.6	-35	54	1.9
612650.0	5924550.0	24.8	30.4	0	12	78	2.4
612675.0	5924550.0	24.8	21.1	0.6	-26	76	2.4
612700.0	5924550.0	24.8	21.8	-2.7	-14	75	2.3
612725.0	5924550.0	24.8	25.6	4.2	-6	78	2.4
612750.0	5924550.0	24.8	28.2	1.2	-7	71	2.2
612775.0	5924550.0	24.8	28.2	0.7	-12	74	2.3
612800.0	5924550.0	24.8	32.4	3.6	-13	74	2.3
612825.0	5924550.0	24.8	32	3.4	-18	71	2.2
612850.0	5924550.0	24.8	24.6	-2.6	-1	68	2.1
612875.0	5924550.0	24.8	22.3	-4.9	-24	68	2.2
612900.0	5924550.0	24.8	22.5	1	-29	61	2
612925.0	5924550.0	24.8	25.8	-3.3	-13	68	2.1
612950.0	5924550.0	24.8	12.4	-2.4	-11	70	2.1
612975.0	5924550.0	24.8	15.9	-5.4	12	67	2
613000.0	5924550.0	24.8	23.3	-7.5	3	70	2.1
613025.0	5924550.0	24.8	16.5	-6.2	-5	71	2.2
613050.0	5924550.0	24.8	-8.6	3.2	0	64	3.98
613075.0	5924550.0	24.8	-7.2	5.7	0	55	3.42
613100.0	5924550.0	24.8	-0.8	5.4	0	61	3.79
613125.0	5924550.0	24.8	-4.4	3.5	0	64	3.95
613150.0	5924550.0	24.8	-3.8	7.5	0	63	3.87
613175.0	5924550.0	24.8	0.7	9.5	0	66	4.11
613200.0	5924550.0	24.8	-0.5	8.2	0	66	4.1
613225.0	5924550.0	24.8	2	10.6	0	66	4.11
613250.0	5924550.0	24.8	4.4	10.4	0	60	3.72
613275.0	5924550.0	24.8	-7	4.9	0	69	4.29
613300.0	5924550.0	24.8	-13.8	2.8	0	71	4.4
613325.0	5924550.0	24.8	-15	4.8	0	69	4.26
613325.0	5924550.0	24.8	-13.4	4.9	0	70	4.34
613350.0	5924550.0	24.8	-22.4	3.3	0	69	4.26
613350.0	5924550.0	24.8	-18.2	5.1	0	69	4.27
613375.0	5924550.0	24.8	-23.6	2.9	0	66	4.1
613400.0	5924550.0	24.8	-23.6	5.4	0	66	4.07
613425.0	5924550.0	24.8	-20.3	5.7	0	66	4.07

613450.0	5924550.0	24.8	-24.2	4.7	0	64	3.97
613475.0	5924550.0	24.8	-24.7	5.3	0	64	3.97
613500.0	5924550.0	24.8	-23	6.7	0	70	4.32
613525.0	5924550.0	24.8	-19.7	7.6	0	67	4.14
613550.0	5924550.0	24.8	-21.1	10.5	0	68	4.2
613575.0	5924550.0	24.8	-13.7	10.5	0	67	4.17
613600.0	5924550.0	24.8	-32.7	-1.5	0	60	3.69
613625.0	5924550.0	24.8	-26.4	-0.9	0	66	4.1
613650.0	5924550.0	24.8	-14.8	3.6	0	69	4.24
613675.0	5924550.0	24.8	-15.6	1.2	0	63	3.89
613700.0	5924550.0	24.8	-10.1	3.5	0	60	3.72
613725.0	5924550.0	24.8	-8	3.7	0	64	3.96
613750.0	5924550.0	24.8	-4.1	4.4	0	65	4.01
613775.0	5924550.0	24.8	1.6	5.5	0	62	3.81
612350.0	5924600.0	24.8	28.9	4.8	-10	71	2.2
612375.0	5924600.0	24.8	26.5	4.1	-5	73	2.2
612400.0	5924600.0	24.8	22.1	5.9	7	70	2.1
612425.0	5924600.0	24.8	25.9	2.3	3	75	2.3
612450.0	5924600.0	24.8	28.3	2.1	0	74	2.2
612475.0	5924600.0	24.8	30.5	3.2	0	75	2.3
612500.0	5924600.0	24.8	26.6	-3.8	-13	76	2.3
612525.0	5924600.0	24.8	25.7	-1.7	-7	77	2.3
612550.0	5924600.0	24.8	24	2.4	-6	77	2.3
612575.0	5924600.0	24.8	22.8	1.2	-4	78	2.4
612600.0	5924600.0	24.8	26.2	-0.5	-15	74	2.3
612625.0	5924600.0	24.8	25.9	-0.5	22	70	2.2
612650.0	5924600.0	24.8	24.2	-4	-8	72	2.2
612675.0	5924600.0	24.8	27.3	2.9	-18	72	2.2
612700.0	5924600.0	24.8	27	3.6	-12	74	2.3
612725.0	5924600.0	24.8	28.2	1.8	-16	70	2.2
612750.0	5924600.0	24.8	24	2.5	-15	72	2.2
612775.0	5924600.0	24.8	24.2	5.5	-13	73	2.2
612800.0	5924600.0	24.8	27	3.5	-11	70	2.1
612825.0	5924600.0	24.8	18	-5.7	-20	70	2.2
612850.0	5924600.0	24.8	21.1	-1.5	-25	67	2.2
612875.0	5924600.0	24.8	16.4	-7.9	-17	69	2.1
612875.0	5924600.0	24.8	16.9	-4.7	-15	69	2.2
612900.0	5924600.0	24.8	20.5	0	-11	71	2.2
612925.0	5924600.0	24.8	18.7	0	-14	70	2.2
612950.0	5924600.0	24.8	17.6	-3	-18	68	2.1
612975.0	5924600.0	24.8	13.4	-6.4	-5	71	2.1
613000.0	5924600.0	24.8	12.8	-5.6	20	69	2.2
613025.0	5924600.0	24.8	8.2	-6.4	11	74	2.3
613050.0	5924600.0	24.8	-4.4	6.9	1	72	2.2
613075.0	5924600.0	24.8	-6.8	5.4	22	69	2.2
613100.0	5924600.0	24.8	1.5	6.7	12	70	2.1
613125.0	5924600.0	24.8	0.5	7.9	13	71	2.2

613150.0	5924600.0	24.8	4.6	7.8	5	73	2.2
613175.0	5924600.0	24.8	3.4	7.3	8	72	2.2
613200.0	5924600.0	24.8	2.8	6.7	7	77	2.4
613225.0	5924600.0	24.8	2.6	6.7	20	70	2.2
613250.0	5924600.0	24.8	-4.5	5.9	16	77	2.4
613275.0	5924600.0	24.8	-4.5	6	16	76	2.4
613300.0	5924600.0	24.8	-3.4	12.4	22	77	2.4
613325.0	5924600.0	24.8	-13.7	1.9	29	79	2.6
613350.0	5924600.0	24.8	-24.7	-5	8	77	2.3
613375.0	5924600.0	24.8	-34.9	-5.6	-16	73	2.3
613375.0	5924600.0	24.8	-36.5	-4.5	-14	77	2.4
613400.0	5924600.0	24.8	-30.1	-2.8	0	77	2.3
613425.0	5924600.0	24.8	-27.3	-1.1	12	78	2.4
613450.0	5924600.0	24.8	-19.9	1.7	48	61	2.3
613475.0	5924600.0	24.8	-19.1	9.2	20	72	2.3
613500.0	5924600.0	24.8	-23.4	5.8	-8	75	2.3
613525.0	5924600.0	24.8	-18.5	6.4	44	65	2.4
613550.0	5924600.0	24.8	-18.6	5.6	16	74	2.3
613575.0	5924600.0	24.8	-16.7	7.3	9	75	2.3
613600.0	5924600.0	24.8	-21.2	2.5	-31	66	2.2
613625.0	5924600.0	24.8	-25.2	-0.5	-31	65	2.2
613650.0	5924600.0	24.8	-21.5	-0.9	-23	71	2.3
613675.0	5924600.0	24.8	-20.6	-1.4	10	76	2.3
613700.0	5924600.0	24.8	-9.9	6.3	-3	79	2.4
613725.0	5924600.0	24.8	9.6	13.5	20	78	2.5
613750.0	5924600.0	24.8	4.9	2.5	13	80	2.5
613775.0	5924600.0	24.8	6.3	0.4	6	84	2.5
612350.0	5924650.0	24.8	20.6	6.7	-17	82	2.6
612375.0	5924650.0	24.8	18.3	7.8	-34	80	2.6
612400.0	5924650.0	24.8	22.5	12.5	-38	76	2.6
612425.0	5924650.0	24.8	22	10	-30	81	2.6
612450.0	5924650.0	24.8	19.9	4.2	-49	74	2.7
612475.0	5924650.0	24.8	23.4	8.7	-9	84	2.6
612500.0	5924650.0	24.8	21.6	-0.2	-12	86	2.6
612525.0	5924650.0	24.8	22.1	2.8	-17	86	2.7
612550.0	5924650.0	24.8	21.2	1.5	-4	85	2.6
612575.0	5924650.0	24.8	14.9	-1.7	-26	78	2.5
612600.0	5924650.0	24.8	14.5	5.8	-28	74	2.4
612625.0	5924650.0	24.8	22.1	12.5	-40	73	2.5
612650.0	5924650.0	24.8	21.5	8.4	-35	73	2.5
612675.0	5924650.0	24.8	18.4	4.1	-10	79	2.4
612700.0	5924650.0	24.8	18.4	1.8	-19	75	2.3
612725.0	5924650.0	24.8	15.7	3	-25	73	2.3
612750.0	5924650.0	24.8	18.2	7.2	-50	64	2.5
612775.0	5924650.0	24.8	20.3	4.4	-8	75	2.3
612800.0	5924650.0	24.8	20.3	5.9	-16	75	2.3
612825.0	5924650.0	24.8	12.3	0.1	-21	74	2.3

612850.0	5924650.0	24.8	15.6	3.2	-20	81	2.5
612875.0	5924650.0	24.8	12.1	7	-15	79	2.4
612900.0	5924650.0	24.8	11.3	1	-22	78	2.5
612925.0	5924650.0	24.8	11.1	-1.2	-32	75	2.5
612950.0	5924650.0	24.8	9.9	1.1	-43	68	2.5
612975.0	5924650.0	24.8	10.6	-0.9	-14	82	2.5
613000.0	5924650.0	24.8	9.7	0.9	-40	75	2.6
613025.0	5924650.0	24.8	10.2	2.6	-49	64	2.5
613050.0	5924650.0	24.8	6.3	-4.4	-14	82	2.5
613075.0	5924650.0	24.8	5.8	-5.2	-16	82	2.5
613100.0	5924650.0	24.8	5.5	-1.7	-12	81	2.5
613125.0	5924650.0	24.8	2.6	-10.7	-26	125	1.9
613150.0	5924650.0	24.8	6.4	7	0	74	4.55
613175.0	5924650.0	24.8	3.1	5.4	0	68	4.19
613200.0	5924650.0	24.8	4.3	4	0	72	4.46
613225.0	5924650.0	24.8	-1.1	4.2	0	67	4.17
613250.0	5924650.0	24.8	0.3	4.4	0	72	4.44
613275.0	5924650.0	24.8	-2.3	7.1	0	63	3.89
613300.0	5924650.0	24.8	-11.1	2.4	0	70	4.31
613325.0	5924650.0	24.8	-21.2	-3.6	0	62	3.87
613350.0	5924650.0	24.8	-19.2	-5.8	0	64	3.93
613375.0	5924650.0	24.8	-26.5	-6.1	0	68	4.19
613400.0	5924650.0	24.8	-21.3	-2	0	71	4.39
613425.0	5924650.0	24.8	-17.5	-1.2	0	70	4.31
613450.0	5924650.0	24.8	-17.7	-0.5	0	71	4.37
613475.0	5924650.0	24.8	-16.3	-1.1	0	68	4.18
613500.0	5924650.0	24.8	-13.9	0.6	0	68	4.19
613525.0	5924650.0	24.8	-15	0.6	0	69	4.27
613550.0	5924650.0	24.8	-14.9	1.2	0	65	4
613575.0	5924650.0	24.8	-16	1	0	70	4.31
613600.0	5924650.0	24.8	-16.3	0	0	65	3.99
613625.0	5924650.0	24.8	-12.1	0.2	0	68	4.19
613650.0	5924650.0	24.8	-13.5	0.7	0	68	4.22
613675.0	5924650.0	24.8	-11.2	0.1	0	66	4.07
613700.0	5924650.0	24.8	-7.3	-3	0	66	4.08
613725.0	5924650.0	24.8	-24.3	-16.4	0	64	3.95
613750.0	5924650.0	24.8	-21.5	-17.3	0	67	4.16
613775.0	5924650.0	24.8	-10.6	-10.5	0	66	4.09
612350.0	5924700.0	24.8	24.6	15.1	-12	67	2.1
612350.0	5924700.0	24.8	22.9	15.3	-11	68	2.1
612375.0	5924700.0	24.8	20.5	19	-25	70	2.3
612400.0	5924700.0	24.8	18.7	12	-1	69	2.1
612425.0	5924700.0	24.8	20.7	12.3	-12	70	2.2
612450.0	5924700.0	24.8	19.6	10.3	-26	67	2.2
612475.0	5924700.0	24.8	22	9.6	-8	73	2.2
612500.0	5924700.0	24.8	19.9	7.3	-13	72	2.2
612525.0	5924700.0	24.8	22.8	13.1	-4	69	2.1

612550.0	5924700.0	24.8	20.3	6.1	-9	73	2.2
612575.0	5924700.0	24.8	18.7	6.8	4	72	2.2
612600.0	5924700.0	24.8	19.4	9.3	-27	67	2.2
612625.0	5924700.0	24.8	15.7	5.3	-20	67	2.1
612650.0	5924700.0	24.8	14.6	4.9	-16	68	2.1
612675.0	5924700.0	24.8	18	9.6	-13	69	2.1
612700.0	5924700.0	24.8	16.7	6.8	13	72	2.2
612725.0	5924700.0	24.8	12.5	9.9	-4	72	2.2
612750.0	5924700.0	24.8	11.4	4.9	-23	72	2.3
612775.0	5924700.0	24.8	14.2	7.2	-8	72	2.2
612800.0	5924700.0	24.8	13.6	-0.4	-11	73	2.2
612825.0	5924700.0	24.8	16.2	3.3	-11	74	2.3
612850.0	5924700.0	24.8	14.9	4.5	-6	74	2.2
612875.0	5924700.0	24.8	9.3	0.9	4	73	2.2
612900.0	5924700.0	24.8	7.6	2.8	0	72	2.2
612925.0	5924700.0	24.8	11.8	4.5	-22	71	2.3
612950.0	5924700.0	24.8	12.1	9.1	-33	69	2.3
612975.0	5924700.0	24.8	11.7	4.2	-28	71	2.3
613000.0	5924700.0	24.8	15.7	4.8	3	79	2.4
613025.0	5924700.0	24.8	15	6.8	23	73	2.3
613050.0	5924700.0	24.8	-15.6	-6.1	-14	74	2.3
613075.0	5924700.0	24.8	-14.5	-7.7	2	75	2.3
613100.0	5924700.0	24.8	-5.4	-7.7	-3	83	2.5
613125.0	5924700.0	24.8	-4.3	-6.5	-1	79	2.4
613150.0	5924700.0	24.8	-6.1	-2.3	-25	76	2.4
613175.0	5924700.0	24.8	-4.9	-0.2	-24	79	2.5
613200.0	5924700.0	24.8	0.1	5.9	0	84	2.5
613225.0	5924700.0	24.8	-8.2	0.2	18	80	2.5
613250.0	5924700.0	24.8	-6.2	2.3	11	85	2.6
613275.0	5924700.0	24.8	-12.1	1.6	16	80	2.5
613300.0	5924700.0	24.8	-15.5	0	10	80	2.4
613325.0	5924700.0	24.8	-17.1	-3.1	-14	82	2.5
613350.0	5924700.0	24.8	-28.3	-12.4	-1	76	2.3
613375.0	5924700.0	24.8	-26.6	-9.9	11	73	2.2
613400.0	5924700.0	24.8	-25.5	-8.8	11	72	2.2
613425.0	5924700.0	24.8	-19.9	-8.8	-6	77	2.3
613425.0	5924700.0	24.8	-21.1	-6.6	-9	76	2.3
613450.0	5924700.0	24.8	-24.6	-10.6	-4	72	2.2
613475.0	5924700.0	24.8	-20	-7.9	30	70	2.3
613500.0	5924700.0	24.8	-14	-2.7	23	77	2.4
613525.0	5924700.0	24.8	-10.4	-4.5	1	78	2.4
613550.0	5924700.0	24.8	-11	-3.2	15	74	2.3
613575.0	5924700.0	24.8	-11.5	-5	10	78	2.4
613600.0	5924700.0	24.8	-10.7	-4.3	6	79	2.4
613625.0	5924700.0	24.8	-7.4	-2.6	-24	76	2.4
613650.0	5924700.0	24.8	-6.6	-4	2	79	2.4
613675.0	5924700.0	24.8	-12.2	-5.8	5	77	2.3

613700.0	5924700.0	24.8	-5.1	-4.6	13	77	2.4
613725.0	5924700.0	24.8	-3.7	-2.6	7	75	2.3
613750.0	5924700.0	24.8	-7.2	-4.3	46	63	2.4
613775.0	5924700.0	24.8	4.1	-7.2	4	77	2.3
612350.0	5924750.0	24.8	-30	-17.1	-17	69	2.2
612375.0	5924750.0	24.8	-27.3	-6.5	-9	71	2.2
612400.0	5924750.0	24.8	-37.2	-18.6	-4	71	2.2
612425.0	5924750.0	24.8	-40.5	-15.8	11	73	2.2
612450.0	5924750.0	24.8	-40	-20.7	-7	70	2.1
612475.0	5924750.0	24.8	-36.6	-13.6	5	71	2.2
612500.0	5924750.0	24.8	-35.8	-8.2	6	72	2.2
612525.0	5924750.0	24.8	-35.2	-9.8	-6	68	2.1
612550.0	5924750.0	24.8	-31.3	-8.5	-19	69	2.2
612575.0	5924750.0	24.8	-35.1	-10.5	-7	72	2.2
612600.0	5924750.0	24.8	-33.3	-6.7	-22	68	2.2
612625.0	5924750.0	24.8	-40.8	-5.1	20	69	2.2
612650.0	5924750.0	24.8	-29.4	-9.3	-11	71	2.2
612675.0	5924750.0	24.8	-25.3	-9.4	-11	70	2.1
612700.0	5924750.0	24.8	-24.9	-8.8	-6	72	2.2
612725.0	5924750.0	24.8	-27.7	-7	-6	75	2.3
612750.0	5924750.0	24.8	-29	-3.8	-17	76	2.4
612775.0	5924750.0	24.8	-26.3	-10.6	-2	71	2.2
612800.0	5924750.0	24.8	-28.3	-12.1	10	74	2.3
612825.0	5924750.0	24.8	-25.2	-12	-7	74	2.2
612850.0	5924750.0	24.8	-27.9	-12.9	1	74	2.3
612875.0	5924750.0	24.8	-27.2	-13.2	-4	74	2.3
612900.0	5924750.0	24.8	-26	-16.5	-5	71	2.2
612925.0	5924750.0	24.8	-27.9	-17.9	-1	80	2.4
612950.0	5924750.0	24.8	-20	-12	-15	73	2.3
612975.0	5924750.0	24.8	-23.2	-14.1	-6	74	2.2
613000.0	5924750.0	24.8	-21.7	-10.1	-1	76	2.3
613025.0	5924750.0	24.8	-16.9	-11.1	-3	80	2.4
613050.0	5924750.0	24.8	-15.9	-9.8	33	71	2.4
613075.0	5924750.0	24.8	-8.7	-5	-1	81	2.4
613100.0	5924750.0	24.8	-8.3	-5.7	5	81	2.5
613125.0	5924750.0	24.8	-4.8	-5.3	0	83	2.5
613150.0	5924750.0	24.8	-3.3	-3.7	-4	85	2.6
613175.0	5924750.0	24.8	-3.7	-1.3	-6	85	2.6
613200.0	5924750.0	24.8	-7.5	-2.2	-24	87	2.7
613225.0	5924750.0	24.8	-13.5	-3.4	-7	85	2.6
613250.0	5924750.0	24.8	-13.1	0.2	-69	62	2.8
613275.0	5924750.0	24.8	-15.7	0.6	-6	82	2.5
613275.0	5924750.0	24.8	-18.8	-4.1	-3	84	2.6
613300.0	5924750.0	24.8	-16.7	-1.2	-6	83	2.5
613325.0	5924750.0	24.8	-17.1	-1.8	-1	84	2.5
613350.0	5924750.0	24.8	-23.6	-6	-5	78	2.4
613375.0	5924750.0	24.8	-24.7	-9.8	28	73	2.4

613400.0	5924750.0	24.8	-22.1	-6.6	15	74	2.3
613425.0	5924750.0	24.8	-20.7	-5	-2	75	2.3
613450.0	5924750.0	24.8	-24.4	-9.7	-10	77	2.4
613475.0	5924750.0	24.8	-20.6	-8.4	3	78	2.4
613500.0	5924750.0	24.8	-16.8	-10.8	-4	75	2.3
613525.0	5924750.0	24.8	-18.9	-10.8	-9	76	2.3
613550.0	5924750.0	24.8	-9.1	-7.8	-9	74	2.3
613575.0	5924750.0	24.8	-12	-4.3	-8	76	2.3
613600.0	5924750.0	24.8	-7.8	-7.4	-18	73	2.3
613625.0	5924750.0	24.8	-6.3	-8.6	-17	77	2.4
613650	5924750	24.8	-8.6	-9	-11	79	2.4
613675	5924750	24.8	-9.5	-9.6	-20	76	2.4
613700	5924750	24.8	-5.1	-7.7	-38	67	2.3
613725	5924750	24.8	-0.2	-4.4	-12	76	2.3
613750	5924750	24.8	-1.8	-7.3	-47	67	2.5
613775	5924750	24.8	-0.6	-6.2	-10	78	2.4
612350	5924800	24.8	-11.6	-13.1	-28	66	2.2
612375	5924800	24.8	-14.3	-13.6	1	68	2.1
612400	5924800	24.8	-20.1	-20	-9	65	2
612425	5924800	24.8	-18.3	-15.7	-5	67	2
612450	5924800	24.8	-17.6	-13.9	0	72	2.2
612475	5924800	24.8	-22.4	-12.4	-2	69	2.1
612500	5924800	24.8	-24.8	-17.3	-6	67	2
612525	5924800	24.8	-26.7	-12.7	-11	66	2
612550	5924800	24.8	-24.4	-12.9	-8	67	2
612575	5924800	24.8	-21.1	-8.7	-7	69	2.1
612600	5924800	24.8	-13.3	1.4	-4	71	2.1
612625	5924800	24.8	-16.9	-12.7	-11	71	2.2
612650	5924800	24.8	-19.2	-9.2	8	69	2.1
612675	5924800	24.8	-12.2	-8.5	27	68	2.2
612700	5924800	24.8	-10.9	-6.8	15	71	2.2
612725	5924800	24.8	-12.1	-9.2	13	73	2.3
612750	5924800	24.8	-9.9	-9.7	8	75	2.3
612775	5924800	24.8	-18.6	-11	-4	78	2.4
612800	5924800	24.8	-14.2	-13.4	-6	69	2.1
612825	5924800	24.8	-9.2	-9.8	21	74	2.3
612850	5924800	24.8	-11.5	-13.1	-7	74	2.2
612875	5924800	24.8	-5.7	-12.5	12	73	2.2
612900	5924800	24.8	-6.2	-10.9	7	75	2.3
612925	5924800	24.8	-8.5	-10.7	27	71	2.3
612950	5924800	24.8	-10.1	-12.2	-4	75	2.3
612975	5924800	24.8	-7.9	-10.4	17	76	2.4
613000	5924800	24.8	-8.7	-12.8	7	81	2.5
613025	5924800	24.8	-8.4	-14.7	13	77	2.4
613050	5924800	24.8	-11.1	-15.7	-24	74	2.4
613075	5924800	24.8	-9.1	-14.6	0	80	2.4
613100	5924800	24.8	-11.8	-14	0	80	2.4

613125	5924800	24.8	-14.5	-17.4	2	75	2.3
613150	5924800	24.8	-12.6	-10	-4	79	2.4
613175	5924800	24.8	-13.8	-10.1	-39	73	2.5
613175	5924800	24.8	-16.3	-9.4	-37	74	2.5
613200	5924800	24.8	-14	-5.1	-11	80	2.4
613225	5924800	24.8	-9.9	-3	6	87	2.6
613250	5924800	24.8	-18.7	-11.2	-6	81	2.5
613275	5924800	24.8	-13.6	-9.7	1	79	2.4
613300	5924800	24.8	-9.4	-4.2	-31	68	2.3
613325	5924800	24.8	-13.2	-5.5	-15	79	2.4
613350	5924800	24.8	-15.6	-11.6	7	77	2.3
613375	5924800	24.8	-16.2	-10.1	-9	79	2.4
613400	5924800	24.8	-13.9	-7	-7	76	2.3
613425	5924800	24.8	-15.9	-12.1	-12	74	2.3
613450	5924800	24.8	-8.5	-8	2	77	2.3
613475	5924800	24.8	-7.8	-10	6	74	2.3
613500	5924800	24.8	-0.1	-7.8	-20	72	2.3
613525	5924800	24.8	-2.3	-9	-16	73	2.3
613550	5924800	24.8	0	-6	15	74	2.3
613575	5924800	24.8	0.4	-5.9	-17	76	2.3
613600	5924800	24.8	1.5	-8.5	-22	71	2.2
613625	5924800	24.8	2.7	-8.9	2	77	2.3
613650	5924800	24.8	1	-9.5	6	77	2.3
613675	5924800	24.8	0.7	13.4	-7	80	2.4
613700	5924800	24.8	-6.4	7.6	-8	78	2.4
613725	5924800	24.8	-7.6	1.8	-7	80	2.4
613750	5924800	24.8	-13.8	-4.8	6	86	2.6
613775	5924800	24.8	-1.2	0.9	7	88	2.7

East NAD83_Z9	North NAD83_Z9	VLF Hawaii freq	In Phase vert_perc	Out of Phase vert_perc	x_horiz amp	y_horiz amp2	VLF field strength pT
612325.0	5923950.0	21.4	-32.6	-18.8	0	56	2.02
612337.5	5923950.0	21.4	-31.2	-14.9	0	65	2.35
612350.0	5923950.0	21.4	-40	-11.5	0	64	2.3
612362.5	5923950.0	21.4	-30.4	-10.8	0	69	2.48
612375.0	5923950.0	21.4	-28.3	-9.7	0	122	2.17
612387.5	5923950.0	21.4	-58	-6.5	0	41	1.49
612400.0	5923950.0	21.4	-24	-4.9	0	66	2.38
612412.5	5923950.0	21.4	-17.7	-5.2	1	67	2.39
612425.0	5923950.0	21.4	-18.4	-1.7	0	63	2.25
612437.5	5923950.0	21.4	-4.7	-4.1	0	62	2.22
612450.0	5923950.0	21.4	4.2	-4.7	0	59	2.12
612462.5	5923950.0	21.4	10.8	-6.8	0	53	1.89
612475.0	5923950.0	21.4	-2.8	-2.5	0	67	2.41
612487.5	5923950.0	21.4	-2	-1.4	0	72	2.58
612500.0	5923950.0	21.4	2	-9.6	0	61	2.19
612512.5	5923950.0	21.4	-5.5	-6.9	0	60	2.15
612525.0	5923950.0	21.4	-7	-4.6	0	65	2.33
612537.5	5923950.0	21.4	4.3	-4.2	0	70	2.51
612550.0	5923950.0	21.4	1.7	-1	0	62	2.22
612562.5	5923950.0	21.4	0	-5.9	0	127	2.28
612575.0	5923950.0	21.4	-41.4	0.2	0	35	1.26
612587.5	5923950.0	21.4	-5.1	-6.8	0	50	1.78
612600.0	5923950.0	21.4	2.9	-4.3	0	63	2.25
612612.5	5923950.0	21.4	3.3	-5	0	93	1.66
612625.0	5923950.0	21.4	7.5	-3.6	0	45	1.63
612637.5	5923950.0	21.4	10.2	0.2	1	105	1.87
612650.0	5923950.0	21.4	10.5	-2.1	0	44	1.6
612662.5	5923950.0	21.4	13.8	-2.4	0	56	1.99
612675.0	5923950.0	21.4	6.8	-1.7	0	56	2
612675.0	5923950.0	21.4	1.6	-1.7	0	51	1.82
612687.5	5923950.0	21.4	-0.9	-3.2	1	56	2.01
612700.0	5923950.0	21.4	-1.8	-3.3	0	118	2.11
612712.5	5923950.0	21.4	-18.9	-4.5	2	79	1.41
612725.0	5923950.0	21.4	-7	-4.3	0	48	1.72
612737.5	5923950.0	21.4	2.3	-4.4	0	51	1.84
612750.0	5923950.0	21.4	24.2	-5.1	0	53	1.91
612762.5	5923950.0	21.4	15.5	-1.3	-3	126	2.25
612775.0	5923950.0	21.4	13.3	-1.7	0	47	1.69
612787.5	5923950.0	21.4	21	-0.3	0	98	1.75
612812.5	5923950.0	21.4	41	-4.9	0	48	0.85
612825.0	5923950.0	21.4	26.5	0	0	65	1.17
612837.5	5923950.0	21.4	24.8	-0.1	0	86	1.54
612850.0	5923950.0	21.4	21.5	-1	1	49	1.76
612862.5	5923950.0	21.4	21.6	0.7	0	114	2.04
612875.0	5923950.0	21.4	20.6	-2.3	0	70	1.25

612887.5	5923950.0	21.4	16.7	-1.6	0	40	1.43
612912.5	5923950.0	21.4	10.1	-0.4	1	72	1.28
612925.0	5923950.0	21.4	16.2	-2.7	1	126	2.25
612937.5	5923950.0	21.4	14.4	-4.1	0	50	1.78
612950.0	5923950.0	21.4	14	-2.4	0	54	1.94
612962.5	5923950.0	21.4	16.9	0.2	0	47	1.69
612975.0	5923950.0	21.4	16.1	1.3	0	54	1.93
612987.5	5923950.0	21.4	26.3	3	0	50	1.81
613050.0	5923950.0	21.4	-7.5	7.7	0	101	1.81
613062.5	5923950.0	21.4	-0.7	0.4	0	70	2.52
613075.0	5923950.0	21.4	-6.4	2.3	0	52	1.87
613087.5	5923950.0	21.4	0.7	-2	0	71	2.55
613100.0	5923950.0	21.4	0.3	0.4	0	70	2.51
613112.5	5923950.0	21.4	-22.3	2	0	71	2.55
613125.0	5923950.0	21.4	-14.3	-3.3	0	75	2.68
613137.5	5923950.0	21.4	-21.6	-3.1	0	80	2.87
613150.0	5923950.0	21.4	-13.5	-5.6	0	63	2.27
613162.5	5923950.0	21.4	-45.8	-2.3	0	48	1.71
613175.0	5923950.0	21.4	-38	-2.1	1	127	2.28
613187.5	5923950.0	21.4	-27.2	-3.6	0	67	2.39
613200.0	5923950.0	21.4	-13	-1	0	81	2.92
613212.5	5923950.0	21.4	-20.9	-0.9	0	64	2.3
613225.0	5923950.0	21.4	-17.5	-0.9	0	71	2.56
613237.5	5923950.0	21.4	-13	-0.4	0	97	3.48
613250.0	5923950.0	21.4	-17.1	-0.6	0	51	3.65
613262.5	5923950.0	21.4	-22.8	3.1	0	38	2.77
613275.0	5923950.0	21.4	-20.7	3.1	0	89	3.17
613287.5	5923950.0	21.4	-14.6	0.4	0	78	2.78
613300.0	5923950.0	21.4	-20	-0.2	0	79	2.83
613312.5	5923950.0	21.4	-27	-3.6	0	83	2.96
613325.0	5923950.0	21.4	-21.3	-4.8	0	77	2.76
613337.5	5923950.0	21.4	-25.1	-1.6	0	75	2.69
613350.0	5923950.0	21.4	-33.8	-8.2	0	98	3.5
613362.5	5923950.0	21.4	-49.6	0.1	0	40	2.86
613375.0	5923950.0	21.4	-28.9	-7.2	0	91	3.27
613387.5	5923950.0	21.4	-26	-7.9	0	52	3.71
613400.0	5923950.0	21.4	-31.7	-6.1	0	43	3.11
613412.5	5923950.0	21.4	-36.6	-7.7	0	74	2.64
613425.0	5923950.0	21.4	-21.5	-6.7	0	78	2.8
613437.5	5923950.0	21.4	-23.2	-5.7	0	69	2.48
613450.0	5923950.0	21.4	-4.8	-7.4	0	88	3.15
613462.5	5923950.0	21.4	-0.5	-7.6	0	84	2.99
613475.0	5923950.0	21.4	7.3	-17.7	0	53	1.89
613487.5	5923950.0	21.4	-3.6	-18	0	53	1.91
613500.0	5923950.0	21.4	-14.2	-13.9	0	63	2.27
613512.5	5923950.0	21.4	-15.6	-18	0	57	2.04
613525.0	5923950.0	21.4	7	-11.9	0	85	3.06

613537.5	5923950.0	21.4	1.4	-16.6	0	66	2.37
613550.0	5923950.0	21.4	-0.7	-14.4	0	83	2.98
613562.5	5923950.0	21.4	2.1	-17.9	0	72	2.56
613575.0	5923950.0	21.4	-3.8	-15.3	0	83	2.99
613587.5	5923950.0	21.4	-2.8	-15.5	0	79	2.81
613600.0	5923950.0	21.4	18.3	-12.9	0	78	2.8
613612.5	5923950.0	21.4	25.2	-17.3	0	59	2.13
613625.0	5923950.0	21.4	6.6	-9.3	0	100	3.58
613637.5	5923950.0	21.4	12.8	-9.7	0	43	3.1
613650.0	5923950.0	21.4	11.5	-5.7	0	47	3.4
613662.5	5923950.0	21.4	14.1	-4.6	0	86	3.09
613675.0	5923950.0	21.4	34.8	-9.2	0	64	2.28
613687.5	5923950.0	21.4	2.3	-8.7	0	84	3.02
613700.0	5923950.0	21.4	-1	-7.8	0	91	3.27
613712.5	5923950.0	21.4	-2.7	-10.9	0	43	3.09
613725.0	5923950.0	21.4	-9.9	-9	0	101	3.6
613737.5	5923950.0	21.4	-6.6	-6.8	0	54	3.86
613750.0	5923950.0	21.4	1.3	-7.4	0	50	3.58
613762.5	5923950.0	21.4	3.8	-5.5	0	37	2.66
613775.0	5923950.0	21.4	10.5	-3.9	0	96	3.44
613787.5	5923950.0	21.4	0.1	-4.4	0	41	2.95
612325.0	5924000.0	21.4	-18.6	-23.7	87	67	1.9
612337.5	5924000.0	21.4	-20	-27.1	74	77	1.9
612350.0	5924000.0	21.4	-21.7	-23.8	72	84	1.9
612362.5	5924000.0	21.4	-23.8	-34.4	30	39	1.7
612375.0	5924000.0	21.4	-27.7	-30.9	48	35	2.1
612387.5	5924000.0	21.4	-26.3	-22.5	53	36	2.3
612400.0	5924000.0	21.4	-26.8	-21.1	55	41	2.4
612412.5	5924000.0	21.4	-23.9	-14.3	58	45	2.6
612425.0	5924000.0	21.4	-23.1	-15.6	57	44	2.5
612437.5	5924000.0	21.4	-18.7	-14.2	54	48	2.5
612450.0	5924000.0	21.4	-18.3	-10.4	66	41	2.7
612462.5	5924000.0	21.4	-13.7	-10.1	56	52	2.7
612475.0	5924000.0	21.4	-11.5	-8.7	39	58	2.5
612487.5	5924000.0	21.4	-11.9	-6.5	77	31	2.9
612500.0	5924000.0	21.4	-11.2	-5.8	86	13	3.1
612512.5	5924000.0	21.4	-6.8	-4.2	62	44	2.7
612525.0	5924000.0	21.4	-4.7	-0.3	80	21	2.9
612537.5	5924000.0	21.4	-5.1	-3.4	60	30	2.4
612550.0	5924000.0	21.4	-17.1	-11.8	63	41	2.7
612562.5	5924000.0	21.4	-9.8	-6.7	64	37	2.6
612575.0	5924000.0	21.4	-7.4	-6	120	66	2.4
612587.5	5924000.0	21.4	-4.8	-6.1	110	78	2.4
612600.0	5924000.0	21.4	7.4	7.4	66	101	2.1
612612.5	5924000.0	21.4	4.1	5.1	88	88	2.2
612625.0	5924000.0	21.4	5.2	5.5	105	82	2.3
612637.5	5924000.0	21.4	2.2	3.8	98	80	2.2

612650.0	5924000.0	21.4	0.9	1.3	79	90	2.1
612662.5	5924000.0	21.4	-4.4	-3.7	80	90	2.1
612675.0	5924000.0	21.4	-5	-1.4	96	86	2.3
612687.5	5924000.0	21.4	-5.3	-2	117	55	2.3
612700.0	5924000.0	21.4	-4.6	-3.6	88	89	2.2
612712.5	5924000.0	21.4	-5.5	-3.5	90	92	2.3
612725.0	5924000.0	21.4	-0.4	3.1	100	87	2.3
612737.5	5924000.0	21.4	-0.9	0.2	105	74	2.3
612750.0	5924000.0	21.4	-0.9	-1.5	97	89	2.3
612762.5	5924000.0	21.4	-0.7	-2.8	45	46	2.3
612775.0	5924000.0	21.4	1	0.3	120	53	2.3
612787.5	5924000.0	21.4	10.1	1.9	80	29	1.5
612800.0	5924000.0	21.4	7.5	1.4	111	56	2.2
612812.5	5924000.0	21.4	8.7	-0.1	95	93	2.3
612825.0	5924000.0	21.4	8.1	1.7	105	82	2.3
612837.5	5924000.0	21.4	13	4.3	74	105	2.3
612850.0	5924000.0	21.4	19.2	1.6	108	64	2.2
612862.5	5924000.0	21.4	19	5.2	87	91	2.2
612875.0	5924000.0	21.4	19.2	4.4	93	84	2.2
612887.5	5924000.0	21.4	19	5.5	75	94	2.1
612900.0	5924000.0	21.4	16.9	4.2	49	107	2.1
612912.5	5924000.0	21.4	18.1	6.3	67	99	2.1
612925.0	5924000.0	21.4	18.7	5.9	70	94	2.1
612937.5	5924000.0	21.4	17.8	5.9	63	94	2
612950.0	5924000.0	21.4	16.1	4.9	73	86	2
612962.5	5924000.0	21.4	11.8	2.4	59	92	1.9
612975.0	5924000.0	21.4	12.1	2.8	84	81	2
612987.5	5924000.0	21.4	15.6	5.6	71	91	2
613000.0	5924000.0	21.4	15.3	6.9	58	95	2
613012.5	5924000.0	21.4	17.4	7.9	58	94	1.9
613025.0	5924000.0	21.4	20.3	9.7	67	85	1.9
613037.5	5924000.0	21.4	8.4	9.6	50	62	2.8
613050.0	5924000.0	21.4	6.6	5.1	57	55	2.8
613062.5	5924000.0	21.4	1.2	0	76	40	3
613075.0	5924000.0	21.4	1.2	1.9	62	57	3
613087.5	5924000.0	21.4	-0.9	-1.7	74	43	3
613100.0	5924000.0	21.4	-0.2	0.5	70	46	3
613112.5	5924000.0	21.4	-0.8	2.6	63	55	3
613125.0	5924000.0	21.4	-3.2	-1.2	78	45	3.2
613137.5	5924000.0	21.4	-3.2	1.7	76	37	3
613150.0	5924000.0	21.4	-4.8	-1.8	58	58	2.9
613162.5	5924000.0	21.4	-8.2	-4.4	64	55	3
613175.0	5924000.0	21.4	-7.7	-2.1	67	57	3.1
613187.5	5924000.0	21.4	-5.6	-1.8	73	54	3.2
613200.0	5924000.0	21.4	-6.6	0.1	72	51	3.1
613212.5	5924000.0	21.4	-8	-3	75	47	3.1
613225.0	5924000.0	21.4	-8	-2.8	80	38	3.1

613237.5	5924000.0	21.4	-8.4	-4.1	73	48	3.1
613250.0	5924000.0	21.4	-11.3	-7.2	57	60	2.9
613250.0	5924000.0	21.4	-11	-8.3	56	61	2.9
613262.5	5924000.0	21.4	-13.4	-9	65	51	2.9
613275.0	5924000.0	21.4	-14.5	-10	70	48	3
613287.5	5924000.0	21.4	-17.4	-12.5	75	48	3.2
613300.0	5924000.0	21.4	-21.1	-18.7	56	63	3
613312.5	5924000.0	21.4	-21.7	-17.6	63	60	3.1
613325.0	5924000.0	21.4	-21.3	-16.1	64	63	3.2
613337.5	5924000.0	21.4	-23.5	-17.2	63	65	3.2
613350.0	5924000.0	21.4	-23.1	-16.8	77	54	3.3
613362.5	5924000.0	21.4	-20.2	-13.3	73	60	3.3
613375.0	5924000.0	21.4	-19.3	-13	92	42	3.6
613387.5	5924000.0	21.4	-19	-12.7	89	50	3.6
613400.0	5924000.0	21.4	-15.8	-11.9	92	50	3.7
613412.5	5924000.0	21.4	-10.2	-9.1	88	58	3.7
613425.0	5924000.0	21.4	-4.2	-6.4	102	48	4
613437.5	5924000.0	21.4	0.7	-2.5	100	47	3.9
613450.0	5924000.0	21.4	5.6	-1.1	98	48	3.8
613462.5	5924000.0	21.4	5.3	-2.3	94	47	3.7
613475.0	5924000.0	21.4	4.8	-2.4	87	52	3.6
613487.5	5924000.0	21.4	3.1	-4.5	91	56	3.8
613500.0	5924000.0	21.4	6.4	-3.7	76	65	3.6
613512.5	5924000.0	21.4	6.5	-2.4	78	66	3.6
613525.0	5924000.0	21.4	11.9	-0.5	85	60	3.7
613537.5	5924000.0	21.4	10	-2.5	84	55	3.6
613550.0	5924000.0	21.4	9	-5.4	81	50	3.4
613562.5	5924000.0	21.4	5.5	-7.8	86	47	3.5
613575.0	5924000.0	21.4	1.7	-9.8	80	55	3.5
613587.5	5924000.0	21.4	3.4	-8.2	83	56	3.5
613600.0	5924000.0	21.4	3.5	-6.6	68	71	3.5
613612.5	5924000.0	21.4	3.4	-8	77	65	3.6
613625.0	5924000.0	21.4	2.7	-7.6	80	62	3.6
613637.5	5924000.0	21.4	8.4	-3	93	51	3.7
613650.0	5924000.0	21.4	11.4	-1.2	95	55	3.9
613662.5	5924000.0	21.4	12.2	-0.8	83	64	3.7
613675.0	5924000.0	21.4	12.1	-0.4	71	59	3.3
613687.5	5924000.0	21.4	10.2	-3.3	49	70	3
613700.0	5924000.0	21.4	8	-5.4	53	70	3.1
613712.5	5924000.0	21.4	0.5	-11.4	65	63	3.2
613725.0	5924000.0	21.4	0.4	-8.4	75	58	3.4
613737.5	5924000.0	21.4	-5	-13.3	68	57	3.1
613750.0	5924000.0	21.4	-8.8	-15.2	84	57	3.6
613762.5	5924000.0	21.4	-5	-11.1	73	68	3.5
613775.0	5924000.0	21.4	-0.6	-8.2	85	68	3.8
613787.5	5924000.0	21.4	2.1	-5.7	79	71	3.8
612325.0	5924050.0	21.4	-26.4	-15.3	0	57	2.04

612337.5	5924050.0	21.4	-30.2	-16.2	0	53	1.92
612350.0	5924050.0	21.4	-37.1	-17.1	1	58	2.06
612362.5	5924050.0	21.4	-38.1	-18	0	62	2.22
612375.0	5924050.0	21.4	-41.6	-21	0	51	1.83
612387.5	5924050.0	21.4	-66.8	-34.1	0	51	1.83
612400.0	5924050.0	21.4	-73.5	-32.9	0	49	1.75
612412.5	5924050.0	21.4	-55.1	-23.7	0	127	2.28
612425.0	5924050.0	21.4	-51	-9.8	0	68	2.45
612437.5	5924050.0	21.4	-43.6	-7.9	0	59	2.13
612450.0	5924050.0	21.4	-43.4	-8.3	0	73	2.61
612462.5	5924050.0	21.4	-40.8	-9.1	0	76	2.72
612475.0	5924050.0	21.4	-52.5	-12.7	0	78	2.78
612487.5	5924050.0	21.4	-48.6	-6.7	1	83	2.97
612500.0	5924050.0	21.4	-36.8	-2.7	1	75	2.7
612512.5	5924050.0	21.4	-35.3	-4.2	0	82	2.94
612525.0	5924050.0	21.4	-63.9	-5.8	0	65	2.32
612537.5	5924050.0	21.4	-38.7	-4.9	0	66	2.37
612550.0	5924050.0	21.4	-30.9	-4.2	0	81	2.92
612562.5	5924050.0	21.4	-22	-0.5	0	76	2.72
612575.0	5924050.0	21.4	-33.8	4.7	0	54	1.95
612587.5	5924050.0	21.4	-8.7	3.8	0	70	2.51
612600.0	5924050.0	21.4	-9.4	4.2	0	74	2.66
612612.5	5924050.0	21.4	-38.6	-1.1	0	56	2.02
612625.0	5924050.0	21.4	-36.9	-6	0	75	2.68
612637.5	5924050.0	21.4	-5.3	0	0	67	2.39
612650.0	5924050.0	21.4	-16.1	0.2	0	87	3.13
612662.5	5924050.0	21.4	-17.2	2	0	78	2.8
612675.0	5924050.0	21.4	-20.9	0.7	0	81	2.89
612687.5	5924050.0	21.4	-22.2	-0.4	0	78	2.8
612700.0	5924050.0	21.4	-24.3	-0.6	1	73	2.6
612712.5	5924050.0	21.4	-24.5	0.6	0	79	2.82
612725.0	5924050.0	21.4	-20.4	-2.2	0	77	2.76
612737.5	5924050.0	21.4	-29.3	-0.7	0	65	2.32
612750.0	5924050.0	21.4	-23.2	-2.9	0	92	3.31
612762.5	5924050.0	21.4	-25.6	-2.1	0	42	3.03
612775.0	5924050.0	21.4	-28.6	-4.1	0	85	3.03
612787.5	5924050.0	21.4	-27.1	-4.4	0	78	2.81
612800.0	5924050.0	21.4	-28.9	-1.5	0	65	2.34
612812.5	5924050.0	21.4	-45.2	1.1	0	83	2.98
612825.0	5924050.0	21.4	-24.7	-2.2	0	72	2.59
612837.5	5924050.0	21.4	-14	-2.2	0	101	3.61
612850.0	5924050.0	21.4	-15.2	-1	0	32	2.31
612862.5	5924050.0	21.4	-17.1	-1.1	0	86	3.06
612875.0	5924050.0	21.4	-9.2	-1.7	0	101	3.61
612887.5	5924050.0	21.4	-13.4	-1.9	0	52	3.72
612900.0	5924050.0	21.4	-4	-0.2	0	39	2.8
612912.5	5924050.0	21.4	-10	-0.2	0	103	3.67

612925.0	5924050.0	21.4	-14.3	-0.1	0	47	3.36
612937.5	5924050.0	21.4	-37	3.2	1	72	2.58
612950.0	5924050.0	21.4	8.9	-0.7	0	74	2.65
612962.5	5924050.0	21.4	0.2	-0.4	0	82	2.92
612975.0	5924050.0	21.4	-1.6	1.3	0	88	3.16
612987.5	5924050.0	21.4	-4.2	0.6	0	102	3.65
613000.0	5924050.0	21.4	-8	1	0	45	3.21
613012.5	5924050.0	21.4	-16.2	4	0	66	2.36
613025.0	5924050.0	21.4	-1.8	1	0	68	2.45
613037.5	5924050.0	21.4	-11.7	4.9	0	65	2.33
613050.0	5924050.0	21.4	-1.3	3.7	0	75	2.68
613050.0	5924050.0	21.4	3.3	5	0	73	2.6
613050.0	5924050.0	21.4	7	4	0	69	2.48
613062.5	5924050.0	21.4	13.9	1.4	0	62	2.23
613075.0	5924050.0	21.4	8.1	4.2	0	48	3.46
613087.5	5924050.0	21.4	5.3	6.4	0	98	3.5
613087.5	5924050.0	21.4	5.8	5.5	0	50	3.62
613250.0	5924050.0	21.4	0	5.7	0	80	2.85
613262.5	5924050.0	21.4	7.4	3.3	0	63	2.25
613275.0	5924050.0	21.4	-4.5	3.7	0	49	3.53
613300.0	5924050.0	21.4	-23.7	4.6	0	82	2.92
613312.5	5924050.0	21.4	-23.5	-3.4	1	127	2.28
613325.0	5924050.0	21.4	-53.6	11.8	1	127	1.14
613337.5	5924050.0	21.4	-76.4	12.3	1	90	0.4
613350.0	5924050.0	21.4	-15.7	-17.8	0	28	0.25
613362.5	5924050.0	21.4	8.7	-20	0	13	0.23
613375.0	5924050.0	21.4	19.7	-16.6	0	7	0.24
613387.5	5924050.0	21.4	-39	-1.8	0	66	2.37
613400.0	5924050.0	21.4	-46.5	-0.7	0	67	2.38
613412.5	5924050.0	21.4	-21.7	-6.2	0	66	2.36
613425.0	5924050.0	21.4	-24.7	-3.8	0	83	2.97
613437.5	5924050.0	21.4	-17.8	-3.9	0	74	2.64
613450.0	5924050.0	21.4	-9.4	-6	0	82	2.92
613462.5	5924050.0	21.4	-3.8	-8.5	0	47	3.37
613475.0	5924050.0	21.4	-1.1	-7.2	0	102	3.63
613487.5	5924050.0	21.4	13.6	-12.4	0	45	3.26
613500.0	5924050.0	21.4	2.4	-10.3	0	52	3.76
613512.5	5924050.0	21.4	8.1	-10.2	0	96	3.44
613525.0	5924050.0	21.4	8.8	-10.4	0	90	3.22
613537.5	5924050.0	21.4	2.9	-9.8	0	79	2.82
613550.0	5924050.0	21.4	27.7	-8.6	0	44	3.19
613562.5	5924050.0	21.4	23.2	-3.8	0	102	3.63
613575.0	5924050.0	21.4	29	-8.5	0	81	2.88
613587.5	5924050.0	21.4	8.3	-9.6	0	71	2.54
613600.0	5924050.0	21.4	-1	-11.1	0	69	2.48
613612.5	5924050.0	21.4	-1.6	-11.4	0	37	2.7
613625.0	5924050.0	21.4	8.3	-8.1	0	97	3.46

613637.5	5924050.0	21.4	-4.4	-9.1	0	41	2.96
613650.0	5924050.0	21.4	5.5	-6.8	0	93	3.34
613662.5	5924050.0	21.4	15	-6	0	83	2.97
613675.0	5924050.0	21.4	26.6	-2.6	0	90	3.21
613687.5	5924050.0	21.4	38.3	-0.8	0	84	2.99
613700.0	5924050.0	21.4	24.6	-1.6	0	81	2.92
613712.5	5924050.0	21.4	32.4	-4.1	0	68	2.45
613725.0	5924050.0	21.4	18.4	-4.4	0	74	2.64
613737.5	5924050.0	21.4	4.1	-6.3	0	86	3.09
613750.0	5924050.0	21.4	-0.4	-7.8	0	69	2.47
613762.5	5924050.0	21.4	3.7	-10	0	61	2.18
613775.0	5924050.0	21.4	8.8	-9.5	0	63	2.24
613787.5	5924050.0	21.4	17.4	-8.2	1	127	2.28
612325.0	5924100.0	21.4	-12.6	-15.4	83	72	1.9
612337.5	5924100.0	21.4	-11.6	-16.1	79	74	1.9
612350.0	5924100.0	21.4	-12.5	-19.2	56	85	1.8
612362.5	5924100.0	21.4	-16.8	-23.9	61	83	1.8
612375.0	5924100.0	21.4	-18.2	-23.2	73	79	1.9
612387.5	5924100.0	21.4	-18.7	-18.5	108	53	2.1
612400.0	5924100.0	21.4	-19	-19.4	97	70	2.1
612412.5	5924100.0	21.4	-19.8	-20.7	112	56	2.2
612425.0	5924100.0	21.4	-25.5	-27.1	103	66	2.1
612437.5	5924100.0	21.4	-24.6	-20.7	115	69	2.4
612450.0	5924100.0	21.4	-23.1	-25.6	75	99	2.2
612462.5	5924100.0	21.4	-27.8	-25.3	99	85	2.3
612475.0	5924100.0	21.4	-35.9	-33.7	112	65	2.3
612487.5	5924100.0	21.4	-40.7	-35.7	124	22	2.2
612500.0	5924100.0	21.4	-41.8	-31.9	66	47	2.9
612512.5	5924100.0	21.4	-35.7	-21.8	73	47	3.1
612525.0	5924100.0	21.4	-28.6	-17.1	70	53	3.1
612537.5	5924100.0	21.4	-24.8	-12.7	74	54	3.2
612550.0	5924100.0	21.4	-18.2	-8	83	41	3.3
612562.5	5924100.0	21.4	-13.9	-4	80	46	3.3
612575.0	5924100.0	21.4	-5.5	2	83	39	3.3
612587.5	5924100.0	21.4	-2.4	4.6	68	51	3
612600.0	5924100.0	21.4	-4	5.1	57	58	2.9
612612.5	5924100.0	21.4	-4.3	4	61	52	2.8
612625.0	5924100.0	21.4	0.3	8.8	66	54	3
612637.5	5924100.0	21.4	3.9	12.8	66	38	2.7
612650.0	5924100.0	21.4	-9.6	1	57	38	2.4
612662.5	5924100.0	21.4	-15.1	-4.9	67	33	2.6
612675.0	5924100.0	21.4	-18	-8.3	68	42	2.8
612687.5	5924100.0	21.4	-16.3	-9	61	50	2.8
612700.0	5924100.0	21.4	-14.1	-5	71	45	3
612712.5	5924100.0	21.4	-12.1	-2.1	68	46	2.9
612725.0	5924100.0	21.4	-9.5	-0.4	73	42	3
612737.5	5924100.0	21.4	-8.8	1.3	81	28	3

612750.0	5924100.0	21.4	-13	-4.6	64	47	2.8
612762.5	5924100.0	21.4	-13.9	-5	63	50	2.8
612775.0	5924100.0	21.4	-14.6	-4.3	67	47	2.9
612787.5	5924100.0	21.4	-13.5	-2.8	66	42	2.7
612800.0	5924100.0	21.4	-12.3	-1.8	74	41	3
612812.5	5924100.0	21.4	-18.1	-9.6	50	50	2.5
612825.0	5924100.0	21.4	-21.3	-11.7	63	51	2.8
612837.5	5924100.0	21.4	-20.5	-10.5	84	30	3.1
612850.0	5924100.0	21.4	-20.1	-10.1	84	37	3.3
612862.5	5924100.0	21.4	-18.5	-10.1	61	65	3.2
612875.0	5924100.0	21.4	-13.3	-3.5	72	52	3.1
612887.5	5924100.0	21.4	-12.2	-3.8	72	51	3.1
612900.0	5924100.0	21.4	-12.9	-4.3	75	48	3.2
612912.5	5924100.0	21.4	-16.8	-7	63	57	3
612925.0	5924100.0	21.4	-16.5	-7.9	67	57	3.1
612937.5	5924100.0	21.4	-15.5	-6.5	66	58	3.1
612950.0	5924100.0	21.4	-16.1	-6.3	54	66	3
612962.5	5924100.0	21.4	-16	-7.3	52	67	3
612975.0	5924100.0	21.4	-17.8	-12.3	45	73	3
612987.5	5924100.0	21.4	-15.5	-7	49	72	3.1
613000.0	5924100.0	21.4	-17.3	-7.7	56	70	3.2
613012.5	5924100.0	21.4	-12.7	-4	62	66	3.2
613025.0	5924100.0	21.4	-15.8	-1.5	65	66	3.3
613037.5	5924100.0	21.4	-13.8	-5.3	66	72	3.5
613050.0	5924100.0	21.4	-12	-3.3	78	62	3.5
613050.0	5924100.0	21.4	-11.4	-4.2	79	62	3.5
613062.5	5924100.0	21.4	-13.6	-3.3	90	69	4
613075.0	5924100.0	21.4	-11.7	-1.4	87	66	3.9
613087.5	5924100.0	21.4	-8.8	-0.1	74	81	3.9
613100.0	5924100.0	21.4	-8.5	0.9	91	70	4.1
613112.5	5924100.0	21.4	-10.4	-2.3	89	67	4
613125.0	5924100.0	21.4	-7.4	2.8	84	61	3.7
613137.5	5924100.0	21.4	-7.3	1.9	80	70	3.8
613150.0	5924100.0	21.4	-11.9	-2.1	83	72	3.9
613162.5	5924100.0	21.4	-8.4	0.7	67	77	3.6
613175.0	5924100.0	21.4	-8.3	2.4	67	75	3.5
613187.5	5924100.0	21.4	-5.8	4.6	78	66	3.6
613200.0	5924100.0	21.4	-3.5	7.3	82	67	3.7
613212.5	5924100.0	21.4	-1.5	11.5	81	57	3.5
613225.0	5924100.0	21.4	-4.3	6.6	62	74	3.4
613237.5	5924100.0	21.4	-6.7	2.3	69	75	3.6
613250.0	5924100.0	21.4	-4.8	5.9	82	60	3.6
613262.5	5924100.0	21.4	-8.3	0.5	75	66	3.5
613275.0	5924100.0	21.4	-7.5	2.2	71	70	3.5
613287.5	5924100.0	21.4	-7.5	4.4	68	70	3.5
613300.0	5924100.0	21.4	-11.1	0	71	68	3.5
613312.5	5924100.0	21.4	-11.4	-2.5	54	78	3.4

613325.0	5924100.0	21.4	-11.5	-2.5	92	48	3.7
613337.5	5924100.0	21.4	-8.5	1.4	78	70	3.7
613350.0	5924100.0	21.4	-10.5	-1.3	125	124	3.1
613362.5	5924100.0	21.4	-26.3	-5.3	125	125	1.5
613375.0	5924100.0	21.4	-18.6	1.4	119	111	1.4
613387.5	5924100.0	21.4	-29.8	-14.2	59	-34	0.6
613400.0	5924100.0	21.4	-26	-15	32	-17	0.6
613412.5	5924100.0	21.4	-24.6	-12.5	16	-8	0.6
613425.0	5924100.0	21.4	-1.6	-2.7	86	62	3.7
613437.5	5924100.0	21.4	2.9	-0.4	81	64	3.7
613450.0	5924100.0	21.4	0.6	-4.3	90	62	3.9
613462.5	5924100.0	21.4	1.9	-3.2	85	69	3.9
613475.0	5924100.0	21.4	6	0.5	91	59	3.8
613487.5	5924100.0	21.4	5.1	-3.1	79	76	3.9
613500.0	5924100.0	21.4	5.7	-2.2	82	70	3.8
613512.5	5924100.0	21.4	4.2	-4.2	94	62	4
613525.0	5924100.0	21.4	4.8	-4.2	86	62	3.8
613537.5	5924100.0	21.4	8.7	-1.1	94	60	4
613550.0	5924100.0	21.4	10.1	0.4	92	58	3.9
613562.5	5924100.0	21.4	8.3	-2.3	92	59	3.9
613575.0	5924100.0	21.4	7.9	-1.4	74	72	3.7
613587.5	5924100.0	21.4	6.3	-3.8	77	72	3.7
613600.0	5924100.0	21.4	8.7	1.9	77	65	3.6
613612.5	5924100.0	21.4	4.2	-2.3	70	73	3.6
613625.0	5924100.0	21.4	3.5	-1.8	85	66	3.8
613637.5	5924100.0	21.4	2.4	-3.7	76	73	3.7
613650.0	5924100.0	21.4	-0.4	-5.5	88	68	3.9
613662.5	5924100.0	21.4	1.1	-4.1	81	78	4
613675.0	5924100.0	21.4	-1.2	-3.6	74	83	3.9
613687.5	5924100.0	21.4	4.5	0	81	81	4.1
613700.0	5924100.0	21.4	10.1	3.7	83	86	4.2
613712.5	5924100.0	21.4	10.1	1.8	92	72	4.1
613725.0	5924100.0	21.4	9.2	1.7	103	62	4.3
613737.5	5924100.0	21.4	9.3	2	96	65	4.1
613750.0	5924100.0	21.4	11.2	4.3	71	79	3.7
613762.5	5924100.0	21.4	9.9	2.8	103	50	4
613775.0	5924100.0	21.4	8.1	1.1	103	56	4.1
613787.5	5924100.0	21.4	4.8	-1	88	75	4.1
612350.0	5924150.0	21.4	25	-40.4	0	33	0.14
612375.0	5924150.0	21.4	29.5	-41	0	35	0.15
612400.0	5924150.0	21.4	32.6	-45.9	0	33	0.15
612425.0	5924150.0	21.4	37.9	-43.5	0	34	0.15
612450.0	5924150.0	21.4	17.9	-29.9	0	41	0.18
612475.0	5924150.0	21.4	28.8	-42.8	1	38	0.17
612500.0	5924150.0	21.4	27.2	-36.1	1	37	0.16
612525.0	5924150.0	21.4	41.6	-48.1	0	34	0.15
612550.0	5924150.0	21.4	29.2	-39.5	0	36	0.16

612575.0	5924150.0	21.4	30.3	-40.4	0	37	0.16
612600.0	5924150.0	21.4	24.1	-35.4	0	39	0.17
612625.0	5924150.0	21.4	17.8	-25	0	43	0.19
612625.0	5924150.0	21.4	30.6	-37.1	0	40	0.18
612650.0	5924150.0	21.4	37.8	-45.9	1	38	0.17
612675.0	5924150.0	21.4	43.6	-48	0	36	0.16
612700.0	5924150.0	21.4	34.1	-45.6	1	41	0.18
612725.0	5924150.0	21.4	39.6	-46.5	0	38	0.17
612750.0	5924150.0	21.4	28.1	-39.5	0	40	0.18
612775.0	5924150.0	21.4	29.1	-41.4	0	39	0.17
612800.0	5924150.0	21.4	41.2	-49.2	0	35	0.16
612825.0	5924150.0	21.4	27	-37.2	0	39	0.17
612850.0	5924150.0	21.4	33.3	-44.6	0	37	0.16
612875.0	5924150.0	21.4	28.6	-43.9	2	37	0.16
612900.0	5924150.0	21.4	28.4	-41.8	0	37	0.16
612925.0	5924150.0	21.4	20.3	-33.3	1	41	0.18
612950.0	5924150.0	21.4	34.2	-40.8	0	37	0.16
612975.0	5924150.0	21.4	33.9	-47.7	0	36	0.16
613000.0	5924150.0	21.4	38.8	-51.8	0	36	0.16
613025.0	5924150.0	21.4	34.4	-48.3	0	38	0.17
613075.0	5924150.0	21.4	30.7	-45.2	0	37	0.16
613100.0	5924150.0	21.4	-30.2	1.4	0	70	2.52
613100.0	5924150.0	21.4	35.2	-45.6	0	36	0.16
613150.0	5924150.0	21.4	-40.5	3.4	0	48	3.43
613175.0	5924150.0	21.4	-36.6	1.6	0	98	3.52
613200.0	5924150.0	21.4	-25.1	3.7	0	54	3.91
613225.0	5924150.0	21.4	-49.1	59	0	12	0.87
613250.0	5924150.0	21.4	-35.7	2.4	0	100	3.58
613275.0	5924150.0	21.4	-35.3	2.8	0	49	3.54
613300.0	5924150.0	21.4	-49.8	5.5	0	92	3.29
613325.0	5924150.0	21.4	-24	3.6	0	58	4.19
613350.0	5924150.0	21.4	-21.6	2	1	97	3.47
613350.0	5924150.0	21.4	-22.7	1.5	0	47	3.35
613375.0	5924150.0	21.4	-19.7	0.8	0	55	3.98
613375.0	5924150.0	21.4	-22.8	1	0	53	3.83
613400.0	5924150.0	21.4	-1.1	-0.8	0	45	3.26
613425.0	5924150.0	21.4	-18.6	-0.1	0	87	3.1
613450.0	5924150.0	21.4	-2.5	-5.6	0	98	3.51
613475.0	5924150.0	21.4	1.9	-9.6	0	48	3.47
613500.0	5924150.0	21.4	5.8	-11	1	80	2.85
613525.0	5924150.0	21.4	5.5	-8.8	0	95	3.42
613575.0	5924150.0	21.4	23.8	-5.9	0	78	2.81
613600.0	5924150.0	21.4	25.9	-2.4	0	82	2.94
613625.0	5924150.0	21.4	26.7	-2.9	0	88	3.13
613650.0	5924150.0	21.4	5.6	-2.9	0	92	3.27
613675.0	5924150.0	21.4	7.2	-5.9	0	48	3.45
613700.0	5924150.0	21.4	-16.1	-3.9	0	103	3.68

613725.0	5924150.0	21.4	-25.2	-2.1	0	50	3.59
613775.0	5924150.0	21.4	-18.8	-3.3	0	54	3.87
612350.0	5924200.0	21.4	-30.2	-16.7	111	-48	1
612375.0	5924200.0	21.4	-37.9	-18.1	120	-56	1.1
612400.0	5924200.0	21.4	-25	-16.5	67	-28	1.2
612425.0	5924200.0	21.4	-30.4	-16.5	68	-29	1.3
612450.0	5924200.0	21.4	-27.3	-15.3	70	-31	1.3
612475.0	5924200.0	21.4	-22.6	-17.9	72	-31	1.4
612500.0	5924200.0	21.4	-30.7	-17.6	68	-31	1.3
612525.0	5924200.0	21.4	-28.3	-18.9	73	-31	1.4
612550.0	5924200.0	21.4	-32.6	-18.9	75	-33	1.4
612575.0	5924200.0	21.4	-18.2	-17.4	75	-31	1.4
612600.0	5924200.0	21.4	-26.4	-20	73	-32	1.4
612625.0	5924200.0	21.4	-23.3	-21.5	74	-33	1.4
612650.0	5924200.0	21.4	-31.1	-20.5	76	-34	1.4
612675.0	5924200.0	21.4	-27.7	-21.8	77	-35	1.5
612700.0	5924200.0	21.4	-18.8	-20.1	75	-33	1.4
612725.0	5924200.0	21.4	-16.3	-21.1	74	-33	1.4
612750.0	5924200.0	21.4	-24.1	-20.2	75	-34	1.4
612775.0	5924200.0	21.4	-26.3	-20	76	-34	1.4
612800.0	5924200.0	21.4	-22.4	-20.5	75	-32	1.4
612825.0	5924200.0	21.4	-22.5	-20.9	76	-33	1.4
612850.0	5924200.0	21.4	-17.3	-21.4	76	-33	1.4
612875.0	5924200.0	21.4	-31.4	-21.8	76	-38	1.5
612900.0	5924200.0	21.4	-15.1	-20.8	77	-35	1.5
612925.0	5924200.0	21.4	-16.8	-21	75	-33	1.4
612950.0	5924200.0	21.4	-15.9	-21.6	73	-35	1.4
612975.0	5924200.0	21.4	-18.6	-20.5	74	-36	1.4
613000.0	5924200.0	21.4	-13.3	-5	79	61	3.5
613025.0	5924200.0	21.4	-13	-3.8	83	59	3.6
613050.0	5924200.0	21.4	-25.9	-19.4	72	-34	1.4
613075.0	5924200.0	21.4	-14	-4.1	65	66	3.3
613100.0	5924200.0	21.4	-18.5	-6.3	72	61	3.3
613125.0	5924200.0	21.4	-21.5	-6.4	98	38	3.7
613150.0	5924200.0	21.4	-21.3	-4.7	87	51	3.6
613175.0	5924200.0	21.4	-26.4	-11.8	77	64	3.5
613200.0	5924200.0	21.4	-25.7	-11.4	75	71	3.6
613225.0	5924200.0	21.4	-25.9	-11.3	78	70	3.7
613250.0	5924200.0	21.4	-23.2	-6.5	82	75	3.9
613275.0	5924200.0	21.4	-22	-7.7	100	53	4
613300.0	5924200.0	21.4	-24.6	-10.8	87	70	4
613325.0	5924200.0	21.4	-25	-12.5	85	77	4.1
613350.0	5924200.0	21.4	-21.1	-11.7	78	80	4
613375.0	5924200.0	21.4	-15	-9.6	83	87	4.3
613400.0	5924200.0	21.4	-9.9	-7.2	105	67	4.4
613425.0	5924200.0	21.4	-3	-3.9	96	77	4.4
613450.0	5924200.0	21.4	0.6	-3.3	96	76	4.3

613475.0	5924200.0	21.4	1	-2	90	80	4.3
613500.0	5924200.0	21.4	2.7	-2.7	93	74	4.2
613525.0	5924200.0	21.4	4.4	-2.8	82	81	4.1
613550.0	5924200.0	21.4	1.4	-3.9	99	66	4.2
613575.0	5924200.0	21.4	1.4	-3.7	99	61	4.1
613600.0	5924200.0	21.4	0.4	-2.9	84	78	4.1
613625.0	5924200.0	21.4	0.6	-1.4	57	93	3.8
613650.0	5924200.0	21.4	-5.5	-4.6	71	86	3.9
613675.0	5924200.0	21.4	-9	-6.8	60	87	3.7
613700.0	5924200.0	21.4	-18.1	-10.8	72	84	3.9
613725.0	5924200.0	21.4	-18.4	-9.6	42	94	3.6
613750.0	5924200.0	21.4	-19.9	-5.4	70	95	4.2
613775.0	5924200.0	21.4	-16.9	-4.2	101	76	4.5
613800.0	5924200.0	21.4	-12.7	-3.7	101	74	4.4
613825.0	5924200.0	21.4	-12.1	-3.8	105	72	4.5
612350.0	5924250.0	21.4	7.7	1.4	0	36	1.3
612375.0	5924250.0	21.4	15.5	-0.6	0	91	1.62
612400.0	5924250.0	21.4	9.3	0.3	0	72	1.29
612425.0	5924250.0	21.4	7.8	0.1	0	68	1.21
612450.0	5924250.0	21.4	5.7	-0.7	0	90	1.6
612475.0	5924250.0	21.4	10.2	-0.6	0	80	1.44
612500.0	5924250.0	21.4	14.7	0.9	0	57	1.02
612525.0	5924250.0	21.4	12.8	-0.6	0	127	1.13
612550.0	5924250.0	21.4	13.3	2.1	0	46	0.82
612575.0	5924250.0	21.4	14.9	-2.2	0	127	1.14
612600.0	5924250.0	21.4	11.1	-1.4	0	89	0.8
612625.0	5924250.0	21.4	8.7	1.3	0	46	0.82
612650.0	5924250.0	21.4	4.8	-0.3	0	73	1.3
612675.0	5924250.0	21.4	10.3	-0.6	0	87	1.55
612700.0	5924250.0	21.4	2.9	0.7	0	65	1.16
612725.0	5924250.0	21.4	10.5	-0.3	0	78	1.39
612750.0	5924250.0	21.4	11.6	0	0	64	1.14
612775.0	5924250.0	21.4	11.5	-0.7	0	77	1.37
612800.0	5924250.0	21.4	6.8	2.7	0	53	0.95
612825.0	5924250.0	21.4	13.3	-1.5	0	89	1.59
612850.0	5924250.0	21.4	12.5	0	0	84	1.5
612875.0	5924250.0	21.4	9.7	1.2	0	37	1.33
612900.0	5924250.0	21.4	9	-1.3	0	116	2.07
612925.0	5924250.0	21.4	7.6	0	0	63	1.12
612950.0	5924250.0	21.4	17.6	-2.5	0	126	1.12
612975.0	5924250.0	21.4	7.6	4.7	0	33	0.6
613000.0	5924250.0	21.4	3.6	1.9	0	38	1.35
613025.0	5924250.0	21.4	9.2	-1	0	102	1.82
613050.0	5924250.0	21.4	-31.4	39.8	0	35	0.15
613075.0	5924250.0	21.4	-37	-4.7	0	42	3.04
613100.0	5924250.0	21.4	0.2	0.9	0	55	0.99
613125.0	5924250.0	21.4	-35.1	1.3	0	94	3.37

613150.0	5924250.0	21.4	-42.4	4.9	0	89	3.19
613175.0	5924250.0	21.4	-39.3	4.7	0	90	3.21
613200.0	5924250.0	21.4	-48.5	5	0	83	2.97
613225.0	5924250.0	21.4	-55.3	3.9	0	85	3.04
613250.0	5924250.0	21.4	-79.6	5.3	0	38	2.75
613275.0	5924250.0	21.4	-54.4	1.9	0	102	3.64
613300.0	5924250.0	21.4	-81.6	5.9	0	73	2.6
613325.0	5924250.0	21.4	-107	13.7	0	57	2.05
613350.0	5924250.0	21.4	-58.1	4.2	0	79	2.84
613375.0	5924250.0	21.4	-58.9	2.5	0	33	2.41
613400.0	5924250.0	21.4	-34.1	-2.8	0	50	3.6
613425.0	5924250.0	21.4	-26.9	-5.1	0	106	3.8
613450.0	5924250.0	21.4	-37.1	-5.3	0	77	2.75
613475.0	5924250.0	21.4	-41.3	-5.8	0	78	2.78
613500.0	5924250.0	21.4	-22.2	-8.2	0	41	2.98
613525.0	5924250.0	21.4	-27.7	-6.6	0	90	3.23
613550.0	5924250.0	21.4	-33.1	-4.5	0	89	3.19
613575.0	5924250.0	21.4	-16.2	-6.3	0	88	3.16
613600.0	5924250.0	21.4	-24.4	-3.7	0	87	3.1
613625.0	5924250.0	21.4	-26.2	-2.1	0	44	3.19
613650.0	5924250.0	21.4	-21.3	-2	0	91	3.25
613675.0	5924250.0	21.4	-22.1	0.4	0	47	3.39
613700.0	5924250.0	21.4	-39.8	1.4	0	83	2.98
613725.0	5924250.0	21.4	-51.1	1.2	0	79	2.82
613750.0	5924250.0	21.4	-71.9	4.7	0	64	2.29
613775.0	5924250.0	21.4	-68.5	5.4	0	79	2.82
612350.0	5924300.0	21.4	33.4	15.1	37	-16	0.7
612375.0	5924300.0	21.4	5	-2.2	79	73	1.9
612400.0	5924300.0	21.4	5.4	-0.5	80	71	1.9
612425.0	5924300.0	21.4	11.6	1.5	93	60	1.9
612450.0	5924300.0	21.4	11.5	1.3	109	35	2
612475.0	5924300.0	21.4	13.1	6.7	100	42	1.9
612500.0	5924300.0	21.4	15.9	0.4	91	63	1.9
612525.0	5924300.0	21.4	17.6	4	66	71	1.7
612550.0	5924300.0	21.4	18.7	5.6	83	65	1.8
612575.0	5924300.0	21.4	21.1	7.6	44	32	1.9
612600.0	5924300.0	21.4	23.1	9.3	56	19	2.1
612625.0	5924300.0	21.4	24.1	8.9	58	21	2.2
612650.0	5924300.0	21.4	26.2	12	53	30	2.2
612675.0	5924300.0	21.4	24.1	11.5	62	17	2.3
612700.0	5924300.0	21.4	24	9.7	52	28	2.1
612725.0	5924300.0	21.4	25.3	-1	-98	48	1.9
612725.0	5924300.0	21.4	23.6	7.6	120	41	2.2
612750.0	5924300.0	21.4	21.1	-3.3	-104	65	2.2
612775.0	5924300.0	21.4	21.5	-2.3	-88	76	2
612800.0	5924300.0	21.4	22	-2.8	-99	67	2.1
612825.0	5924300.0	21.4	20.1	-3.2	-95	77	2.1

612850.0	5924300.0	21.4	20.4	-2.3	-78	97	2.2
612875.0	5924300.0	21.4	22.1	-3.1	-96	81	2.2
612900.0	5924300.0	21.4	25.7	0.7	-83	86	2.1
612925.0	5924300.0	21.4	28.7	0.2	-95	72	2.1
612950.0	5924300.0	21.4	30.7	4.1	-98	71	2.1
612975.0	5924300.0	21.4	20.4	-2.9	-98	88	2.3
613000.0	5924300.0	21.4	-23.9	-13.2	83	62	3.7
613025.0	5924300.0	21.4	-24.6	-11.4	84	62	3.7
613025.0	5924300.0	21.4	20.8	-2.3	-98	86	2.3
613050.0	5924300.0	21.4	24.6	20.1	74	-34	1.4
613075.0	5924300.0	21.4	-22.3	-9.6	68	73	3.5
613100.0	5924300.0	21.4	-19.6	-2.2	79	65	3.6
613125.0	5924300.0	21.4	-19	-0.4	81	54	3.4
613150.0	5924300.0	21.4	-24.8	-7.2	55	71	3.2
613175.0	5924300.0	21.4	-26.4	-6.6	87	44	3.5
613200.0	5924300.0	21.4	-26.4	-3.4	96	31	3.6
613225.0	5924300.0	21.4	-32.3	-10.6	95	17	3.4
613250.0	5924300.0	21.4	-33.9	-14.9	69	59	3.2
613275.0	5924300.0	21.4	-34.5	-15.9	70	68	3.5
613300.0	5924300.0	21.4	-35.3	-18.4	77	68	3.6
613325.0	5924300.0	21.4	-32.7	-14.2	88	61	3.8
613350.0	5924300.0	21.4	-24.5	-7.8	83	70	3.8
613375.0	5924300.0	21.4	-26.5	-1	99	32	3.7
613400.0	5924300.0	21.4	-22.8	-4.7	73	81	3.9
613425.0	5924300.0	21.4	-20.1	-5.1	68	88	3.9
613450.0	5924300.0	21.4	-13.9	-3.7	76	83	4
613475.0	5924300.0	21.4	-13.9	-4	64	86	3.8
613500.0	5924300.0	21.4	-14.7	-2.2	89	66	3.9
613525.0	5924300.0	21.4	-15.2	-3.8	75	80	3.9
613550.0	5924300.0	21.4	-19.6	-6.4	71	80	3.8
613575.0	5924300.0	21.4	-16.5	-4.7	71	85	3.9
613600.0	5924300.0	21.4	-16.7	-4	81	72	3.8
613625.0	5924300.0	21.4	-16.3	-4	52	98	3.9
613650.0	5924300.0	21.4	-18.4	-3.3	77	74	3.8
613675.0	5924300.0	21.4	-19.6	-2.8	78	76	3.9
613700.0	5924300.0	21.4	-19.5	-1.6	70	81	3.8
613725.0	5924300.0	21.4	-27.5	-2.8	55	82	3.5
613750.0	5924300.0	21.4	-34.2	-3.1	69	79	3.7
613775.0	5924300.0	21.4	-35.9	-2.8	66	79	3.7
613800.0	5924300.0	21.4	-37.8	-5.5	69	80	3.7
613825.0	5924300.0	21.4	-38.1	-3.2	74	84	4
613850.0	5924300.0	21.4	-38.7	-3.8	75	85	4
612300.0	5924350.0	21.4	29.9	-31.9	0	41	0.18
612325.0	5924350.0	21.4	0.4	-1.3	0	114	0.5
612350.0	5924350.0	21.4	3	-4.1	0	69	0.62
612375.0	5924350.0	21.4	-0.4	-0.6	0	87	0.77
612400.0	5924350.0	21.4	0.6	-1.4	0	64	0.57

612425.0	5924350.0	21.4	1.7	-3.1	0	65	0.58
612450.0	5924350.0	21.4	5.7	-6.9	0	56	0.5
612475.0	5924350.0	21.4	-0.3	-0.7	0	84	0.75
612500.0	5924350.0	21.4	0.9	-1.8	0	62	0.55
612525.0	5924350.0	21.4	3.1	-4.2	0	57	0.51
612550.0	5924350.0	21.4	0.3	-0.9	0	80	0.71
612575.0	5924350.0	21.4	2.5	-2.6	0	73	0.65
612600.0	5924350.0	21.4	-1.4	0.5	0	77	0.68
612625.0	5924350.0	21.4	0.3	-1.1	0	63	0.56
612650.0	5924350.0	21.4	0.7	-1	0	77	0.68
612675.0	5924350.0	21.4	6.9	-8.1	0	68	0.61
612700.0	5924350.0	21.4	8.2	-8.3	0	68	0.61
612725.0	5924350.0	21.4	3.3	-3.7	0	64	0.57
612750.0	5924350.0	21.4	0.9	-2.3	0	75	0.67
612775.0	5924350.0	21.4	9.1	-7.4	0	118	0.52
612800.0	5924350.0	21.4	4.7	-9.2	0	49	0.43
612825.0	5924350.0	21.4	1.6	-2.9	0	80	0.36
612850.0	5924350.0	21.4	0.2	-1.1	0	88	0.39
612875.0	5924350.0	21.4	0	-0.7	0	107	0.48
612875.0	5924350.0	21.4	2.3	-2.7	0	58	0.52
612900.0	5924350.0	21.4	4.3	-5.3	0	52	0.46
612925.0	5924350.0	21.4	4.3	-6.5	0	54	0.48
612950.0	5924350.0	21.4	3	-3.6	0	67	0.6
612975.0	5924350.0	21.4	4.9	-6	0	48	0.43
613000.0	5924350.0	21.4	2.6	-3.7	0	97	0.43
613025.0	5924350.0	21.4	4.4	-4.1	0	65	0.58
613050.0	5924350.0	21.4	33	-31.5	1	39	0.17
613075.0	5924350.0	21.4	37.2	-37.5	1	41	0.18
613100.0	5924350.0	21.4	13.2	-21.9	0	43	0.19
613125.0	5924350.0	21.4	25.3	-33.3	2	39	0.17
613150.0	5924350.0	21.4	15.7	-30.8	0	43	0.19
613175.0	5924350.0	21.4	13	-26.6	0	44	0.19
613200.0	5924350.0	21.4	19.3	-25.3	0	44	0.19
613225.0	5924350.0	21.4	18.5	-27.9	1	44	0.19
613250.0	5924350.0	21.4	22.4	-26.9	0	45	0.2
613275.0	5924350.0	21.4	27.2	-35.7	0	41	0.18
613300.0	5924350.0	21.4	23.7	-34.1	0	41	0.18
613325.0	5924350.0	21.4	24.7	-34	0	45	0.2
613350.0	5924350.0	21.4	20.1	-29.1	0	44	0.19
613375.0	5924350.0	21.4	16.3	-26.9	0	46	0.2
613400.0	5924350.0	21.4	15.8	-21.7	0	47	0.21
613425.0	5924350.0	21.4	23.5	-29.7	0	47	0.21
613450.0	5924350.0	21.4	10.5	-25.9	0	43	0.19
613475.0	5924350.0	21.4	21.9	-27.5	0	50	0.22
613500.0	5924350.0	21.4	17.4	-18.6	0	49	0.22
613525.0	5924350.0	21.4	30.3	-32.1	0	50	0.22
613550.0	5924350.0	21.4	22.8	-25.1	0	42	0.18

613575.0	5924350.0	21.4	23.5	-25.6	0	46	0.2
613600.0	5924350.0	21.4	20.9	-23.8	0	43	0.19
613625.0	5924350.0	21.4	19	-21.4	0	45	0.2
613650.0	5924350.0	21.4	2.3	-3.8	0	62	0.27
613675.0	5924350.0	21.4	7.6	-9.4	0	58	0.25
613700.0	5924350.0	21.4	4.4	-6.3	0	63	0.28
613725.0	5924350.0	21.4	7.4	-9.1	0	61	0.27
613750.0	5924350.0	21.4	1.3	-1.8	0	112	0.5
613775.0	5924350.0	21.4	0.8	-1.2	0	125	1.11
612350.0	5924400.0	21.4	-39.6	-23.8	82	-42	1.6
612375.0	5924400.0	21.4	-27.4	-24.3	84	-43	1.7
612400.0	5924400.0	21.4	-41.1	-24.9	81	-40	1.6
612425.0	5924400.0	21.4	-37.5	-21.8	82	-40	1.6
612450.0	5924400.0	21.4	-39.6	-23.6	82	-42	1.6
612475.0	5924400.0	21.4	-43.5	-23.9	81	-40	1.6
612500.0	5924400.0	21.4	-35	-23.8	78	-40	1.5
612525.0	5924400.0	21.4	-24.3	-25.2	81	-40	1.6
612550.0	5924400.0	21.4	-27.5	-25.8	78	-39	1.5
612575.0	5924400.0	21.4	-31	-22.9	76	-38	1.5
612600.0	5924400.0	21.4	-34	-25.7	76	-38	1.5
612625.0	5924400.0	21.4	-33.2	-25.1	80	-39	1.6
612650.0	5924400.0	21.4	-35.7	-24.6	77	-37	1.5
612675.0	5924400.0	21.4	-35.2	-25.2	76	-39	1.5
612700.0	5924400.0	21.4	-34.8	-26.3	77	-37	1.5
612725.0	5924400.0	21.4	-43.4	-25.9	75	-37	1.5
612750.0	5924400.0	21.4	-28.9	-25.5	76	-38	1.5
612775.0	5924400.0	21.4	-37.2	-25.3	75	-39	1.5
612800.0	5924400.0	21.4	-29.5	-25.7	78	-36	1.5
612825.0	5924400.0	21.4	-32.1	-26	76	-37	1.5
612850.0	5924400.0	21.4	-31.1	-26	77	-36	1.5
612875.0	5924400.0	21.4	-27.9	-25.6	77	-36	1.5
612900.0	5924400.0	21.4	-38.3	-27	78	-37	1.5
612900.0	5924400.0	21.4	-36.8	-26	75	-36	1.5
612925.0	5924400.0	21.4	-39.1	-24.5	77	-38	1.5
612950.0	5924400.0	21.4	-36.3	-26.9	75	-36	1.4
612975.0	5924400.0	21.4	-42	-26.2	77	-36	1.5
613000.0	5924400.0	21.4	-33.5	-25.6	76	-35	1.4
613025.0	5924400.0	21.4	-47.2	-24.2	74	-37	1.4
613050.0	5924400.0	21.4	-35.7	-16.6	65	-31	1.2
613075.0	5924400.0	21.4	-26.9	-19.9	69	-34	1.3
613100.0	5924400.0	21.4	-26.4	-18.4	70	-33	1.3
613125.0	5924400.0	21.4	-23.8	-19.1	72	-34	1.4
613150.0	5924400.0	21.4	-28.5	-18.2	72	-40	1.4
613175.0	5924400.0	21.4	-25.2	-18.5	75	-36	1.4
613200.0	5924400.0	21.4	-32	-20.3	72	-37	1.4
613225.0	5924400.0	21.4	-26.3	-22.8	74	-38	1.4
613250.0	5924400.0	21.4	-30.1	-23.3	75	-38	1.5

613275.0	5924400.0	21.4	-34.4	-22	75	-39	1.5
613300.0	5924400.0	21.4	-32.1	-22.4	73	-38	1.4
613325.0	5924400.0	21.4	-32.7	-22.6	72	-36	1.4
613350.0	5924400.0	21.4	-30.7	-23	72	-36	1.4
613375.0	5924400.0	21.4	-26.8	-21.3	71	-38	1.4
613400.0	5924400.0	21.4	-29.2	-22	71	-36	1.4
613425.0	5924400.0	21.4	-27.1	-22.7	71	-35	1.4
613450.0	5924400.0	21.4	-27.5	-22.6	70	-36	1.4
613475.0	5924400.0	21.4	-29.1	-22.6	71	-35	1.4
613500.0	5924400.0	21.4	-29.7	-22.8	68	-34	1.3
613525.0	5924400.0	21.4	-29.9	-22.9	72	-36	1.4
613550.0	5924400.0	21.4	-29.5	-23.5	70	-37	1.4
613575.0	5924400.0	21.4	-34.1	-22.3	70	-37	1.4
613600.0	5924400.0	21.4	-31.5	-23.3	69	-36	1.4
613625.0	5924400.0	21.4	-35.3	-23.1	70	-33	1.3
613650.0	5924400.0	21.4	-26.7	-23.1	66	-34	1.3
613675.0	5924400.0	21.4	-34.8	-22.5	67	-36	1.3
613700.0	5924400.0	21.4	-39.8	-24.5	66	-34	1.3
613725.0	5924400.0	21.4	-35.8	-24.3	66	-33	1.3
613750.0	5924400.0	21.4	-38.6	-23	64	-33	1.2
613775.0	5924400.0	21.4	-35.5	-22.2	61	-35	1.2
612325.0	5924450.0	21.4	-0.1	1.1	0	86	0.77
612350.0	5924450.0	21.4	-0.2	1.5	0	104	0.46
612350.0	5924450.0	21.4	-6.9	10.7	0	58	0.51
612375.0	5924450.0	21.4	-18.6	21.4	0	29	0.26
612400.0	5924450.0	21.4	0.2	0.5	0	121	0.54
612425.0	5924450.0	21.4	-4.1	5.5	0	48	0.43
612450.0	5924450.0	21.4	-2	3	0	66	0.58
612475.0	5924450.0	21.4	-2.5	2.9	0	61	0.54
612500.0	5924450.0	21.4	-5	6.6	0	62	0.55
612525.0	5924450.0	21.4	-1.8	2.2	0	62	0.55
612550.0	5924450.0	21.4	0.4	1	0	83	0.74
612575.0	5924450.0	21.4	1.7	-0.5	0	71	0.63
612600.0	5924450.0	21.4	-4.5	5.9	0	55	0.49
612625.0	5924450.0	21.4	-3.7	4.3	0	60	0.54
612650.0	5924450.0	21.4	-1.4	2.4	0	68	0.61
612675.0	5924450.0	21.4	0.3	0.7	0	100	0.89
612675.0	5924450.0	21.4	-6.8	7.5	0	42	0.76
612700.0	5924450.0	21.4	0.2	0.7	0	75	0.67
612725.0	5924450.0	21.4	-3	3.7	0	56	0.5
612750.0	5924450.0	21.4	0.5	0.3	0	101	0.45
612775.0	5924450.0	21.4	-6.9	8.3	0	45	0.4
612800.0	5924450.0	21.4	-4.5	6.5	0	73	0.65
612825.0	5924450.0	21.4	0.4	1.3	0	79	0.71
612850.0	5924450.0	21.4	1	-0.1	0	110	0.49
612875.0	5924450.0	21.4	-8.7	9.5	0	43	0.38
612900.0	5924450.0	21.4	-0.3	1.6	0	68	0.6

612925.0	5924450.0	21.4	0.1	0.5	0	85	0.75
612950.0	5924450.0	21.4	-0.9	1.6	0	61	0.54
612975.0	5924450.0	21.4	-0.1	1	0	75	0.66
613000.0	5924450.0	21.4	-8.5	3.2	0	68	0.61
613025.0	5924450.0	21.4	-5	6.4	0	53	0.47
613050.0	5924450.0	21.4	-0.7	1.1	0	73	0.65
613075.0	5924450.0	21.4	-3.9	5.2	0	55	0.49
613100.0	5924450.0	21.4	-1.8	2.2	0	70	0.62
613125.0	5924450.0	21.4	-1.3	2.3	0	79	0.71
613150.0	5924450.0	21.4	0.3	0.3	0	87	0.77
613175.0	5924450.0	21.4	-1.1	1.6	0	76	0.67
613200.0	5924450.0	21.4	-0.5	1.9	0	69	0.61
613225.0	5924450.0	21.4	-4.9	6.3	0	53	0.47
613250.0	5924450.0	21.4	-1.5	2.1	0	78	0.7
613275.0	5924450.0	21.4	-1.9	3	0	54	0.48
613300.0	5924450.0	21.4	-1.4	1.4	0	70	0.62
613325.0	5924450.0	21.4	-1.9	3.1	0	74	0.66
613350.0	5924450.0	21.4	0.8	-0.5	0	73	0.65
613375.0	5924450.0	21.4	-0.6	1.6	0	69	0.61
613400.0	5924450.0	21.4	-0.9	3.8	0	90	0.8
613425.0	5924450.0	21.4	-5	6.9	0	65	0.58
613450.0	5924450.0	21.4	-0.4	1.4	0	81	0.72
613475.0	5924450.0	21.4	-1.8	3.3	0	43	0.76
613500.0	5924450.0	21.4	0	0.4	0	86	1.53
613525.0	5924450.0	21.4	-6.3	7.6	0	127	1.14
613550.0	5924450.0	21.4	-0.8	2	0	69	0.61
613575.0	5924450.0	21.4	-9.8	11.3	0	25	0.46
613600.0	5924450.0	21.4	-1	2.1	0	54	0.97
613625.0	5924450.0	21.4	-0.4	1.3	0	127	1.13
613650.0	5924450.0	21.4	-1.1	2.2	0	60	0.53
613675.0	5924450.0	21.4	-5.4	6.4	0	51	0.45
613700.0	5924450.0	21.4	0.2	0.4	0	84	0.75
613725.0	5924450.0	21.4	0.5	1.3	0	69	0.61
613750.0	5924450.0	21.4	-0.2	0.8	0	123	0.54
613775.0	5924450.0	21.4	-16.2	18.2	0	48	0.21
612350.0	5924500.0	21.4	37.8	22.5	83	-39	1.6
612375.0	5924500.0	21.4	39.6	20.9	84	-39	1.6
612400.0	5924500.0	21.4	51.3	20	84	-43	1.6
612425.0	5924500.0	21.4	29	21.7	88	-42	1.7
612425.0	5924500.0	21.4	35.6	22.8	86	-41	1.7
612450.0	5924500.0	21.4	35.7	19.7	86	-41	1.7
612475.0	5924500.0	21.4	45	20	86	-43	1.7
612500.0	5924500.0	21.4	38.2	19.7	85	-39	1.6
612500.0	5924500.0	21.4	37.4	22.5	85	-39	1.6
612525.0	5924500.0	21.4	45.3	21.4	80	-41	1.6
612550.0	5924500.0	21.4	34.8	19.9	84	-40	1.6
612600.0	5924500.0	21.4	38.9	21.9	84	-38	1.6

612625.0	5924500.0	21.4	36.4	22	84	-39	1.6
612650.0	5924500.0	21.4	39.5	20.6	83	-40	1.6
612675.0	5924500.0	21.4	39.7	18.9	83	-40	1.6
612700.0	5924500.0	21.4	25.9	20.2	84	-38	1.6
612725.0	5924500.0	21.4	24.4	20.1	83	-38	1.6
612750.0	5924500.0	21.4	27.9	20.8	81	-43	1.6
612775.0	5924500.0	21.4	33.5	20.2	82	-38	1.6
612800.0	5924500.0	21.4	32.4	19.7	84	-39	1.6
612825.0	5924500.0	21.4	33.8	20.2	83	-41	1.6
612850.0	5924500.0	21.4	44.6	19.9	83	-40	1.6
612875.0	5924500.0	21.4	35.1	21.7	79	-38	1.5
612900.0	5924500.0	21.4	35.3	20.4	79	-38	1.5
612925.0	5924500.0	21.4	44.8	20	81	-37	1.6
612950.0	5924500.0	21.4	39.6	17.6	81	-38	1.5
612975.0	5924500.0	21.4	42.1	19.5	78	-39	1.5
613000.0	5924500.0	21.4	38.5	18.6	76	-35	1.5
613025.0	5924500.0	21.4	46.9	17.3	75	-33	1.4
613050.0	5924500.0	21.4	37.2	17.1	71	-36	1.4
613075.0	5924500.0	21.4	33.6	19.8	69	-35	1.3
613100.0	5924500.0	21.4	35.7	14.7	73	-33	1.4
613125.0	5924500.0	21.4	33.2	16.3	69	-32	1.3
613150.0	5924500.0	21.4	47	17.9	69	-31	1.3
613175.0	5924500.0	21.4	43.4	17.2	83	-40	1.6
613200.0	5924500.0	21.4	31.5	16.9	73	-36	1.4
613225.0	5924500.0	21.4	39.8	18	71	-32	1.4
613250.0	5924500.0	21.4	39.5	18.8	72	-34	1.4
613275.0	5924500.0	21.4	36.9	18.1	72	-34	1.4
613300.0	5924500.0	21.4	29.3	18.2	72	-33	1.4
613325.0	5924500.0	21.4	40.3	16.8	74	-36	1.4
613350.0	5924500.0	21.4	37.6	18.1	74	-38	1.4
613375.0	5924500.0	21.4	50.4	17.2	76	-35	1.5
613400.0	5924500.0	21.4	40.7	19.2	75	-36	1.4
613425.0	5924500.0	21.4	42.9	20.4	79	-38	1.5
613450.0	5924500.0	21.4	37.6	19.6	78	-38	1.5
613475.0	5924500.0	21.4	41.8	19.6	78	-37	1.5
613500.0	5924500.0	21.4	36.9	21.6	76	-38	1.5
613525.0	5924500.0	21.4	34	17.8	81	-40	1.6
613550.0	5924500.0	21.4	36.5	22.6	77	-38	1.5
613575.0	5924500.0	21.4	34.4	19.8	79	-38	1.5
613600.0	5924500.0	21.4	34.5	19.5	79	-41	1.5
613625.0	5924500.0	21.4	31.4	21.3	79	-40	1.5
613650.0	5924500.0	21.4	24	20.5	81	-38	1.6
613675.0	5924500.0	21.4	39.9	22	78	-38	1.5
613700.0	5924500.0	21.4	34.8	22.6	80	-38	1.5
613725.0	5924500.0	21.4	27.7	20.8	81	-39	1.6
613750.0	5924500.0	21.4	28	20.9	80	-39	1.5
613775.0	5924500.0	21.4	37.1	22.5	77	-38	1.5

612350.0	5924550.0	21.4	-3.8	-15.6	111	54	2.2
612375.0	5924550.0	21.4	-0.1	-15.3	104	58	2.1
612400.0	5924550.0	21.4	1.9	-13.6	101	54	2
612425.0	5924550.0	21.4	-0.3	-10	115	40	2.1
612425.0	5924550.0	21.4	3.2	-8.6	117	36	2.1
612450.0	5924550.0	21.4	3.6	-0.6	117	35	2.1
612475.0	5924550.0	21.4	-2.2	-9.5	122	13	2.2
612500.0	5924550.0	21.4	3.6	-3.8	68	11	2.4
612525.0	5924550.0	21.4	-0.2	-2.3	59	20	2.2
612550.0	5924550.0	21.4	0	-15.4	51	20	1.9
612575.0	5924550.0	21.4	4.4	-3.9	56	20	2.1
612600.0	5924550.0	21.4	13.5	-1	52	13	1.9
612625.0	5924550.0	21.4	7.4	-0.8	58	7	2
612650.0	5924550.0	21.4	-5.4	-6.2	69	12	2.5
612675.0	5924550.0	21.4	2.7	1.5	56	24	2.1
612700.0	5924550.0	21.4	2	3.1	58	21	2.2
612725.0	5924550.0	21.4	-1.7	2.5	66	18	2.4
612750.0	5924550.0	21.4	0.7	4.9	65	18	2.4
612775.0	5924550.0	21.4	1	5.8	63	19	2.3
612800.0	5924550.0	21.4	-1.8	4.8	62	22	2.3
612825.0	5924550.0	21.4	-4.9	2.2	55	25	2.1
612850.0	5924550.0	21.4	-4.3	3.7	65	22	2.4
612875.0	5924550.0	21.4	-5.7	1.6	49	30	2
612900.0	5924550.0	21.4	-12.9	3.5	44	33	1.9
612925.0	5924550.0	21.4	-11.7	-0.5	105	55	2.1
612950.0	5924550.0	21.4	-8.1	10.6	110	53	2.1
612975.0	5924550.0	21.4	-14	-0.2	118	35	2.1
613000.0	5924550.0	21.4	-17	-4.8	115	40	2.1
613025.0	5924550.0	21.4	-14.8	-1.1	111	57	2.2
613050.0	5924550.0	21.4	-32.5	46.7	0	27	0.24
613075.0	5924550.0	21.4	-33.3	46.2	0	52	0.23
613100.0	5924550.0	21.4	-29.1	49.3	0	49	0.22
613125.0	5924550.0	21.4	-26.3	40.3	0	51	0.22
613150.0	5924550.0	21.4	-26.8	40.6	0	55	0.24
613175.0	5924550.0	21.4	-25.9	46.9	0	53	0.23
613200.0	5924550.0	21.4	-27.5	40.2	0	52	0.23
613225.0	5924550.0	21.4	-26.2	40	0	54	0.24
613250.0	5924550.0	21.4	-23	38.6	0	58	0.26
613275.0	5924550.0	21.4	-23.2	37.3	0	56	0.25
613300.0	5924550.0	21.4	-25.2	36.7	0	55	0.24
613325.0	5924550.0	21.4	-29	36.5	0	54	0.24
613325.0	5924550.0	21.4	-29.7	35.6	0	56	0.25
613350.0	5924550.0	21.4	-31.9	27.1	0	56	0.25
613350.0	5924550.0	21.4	-30.7	35.3	0	55	0.24
613375.0	5924550.0	21.4	-45	-14.9	0	59	0.26
613400.0	5924550.0	21.4	-43.8	-45	0	61	0.27
613425.0	5924550.0	21.4	-51.6	-43.4	0	63	0.28

613450.0	5924550.0	21.4	-53.2	-43.3	0	64	0.28
613475.0	5924550.0	21.4	-46	-35.8	0	63	0.28
613500.0	5924550.0	21.4	-41.7	1.1	0	56	0.25
613525.0	5924550.0	21.4	-29.4	30.5	0	57	0.25
613550.0	5924550.0	21.4	-27.1	35.3	0	55	0.24
613575.0	5924550.0	21.4	-29.7	35.2	0	51	0.23
613600.0	5924550.0	21.4	-31.3	30.5	0	52	0.23
613625.0	5924550.0	21.4	-32.3	27.3	0	53	0.24
613650.0	5924550.0	21.4	-27	25.7	0	50	0.22
613675.0	5924550.0	21.4	-26.9	18	0	49	0.21
613700.0	5924550.0	21.4	-25.7	15.9	0	46	0.2
613725.0	5924550.0	21.4	-20.7	12.5	0	47	0.2
613750.0	5924550.0	21.4	-17.4	14.9	0	46	0.2
613775.0	5924550.0	21.4	-25	10.1	0	47	0.2
612350.0	5924600.0	21.4	1.1	-12.3	81	32	3.1
612375.0	5924600.0	21.4	3.8	-8.6	78	32	3
612400.0	5924600.0	21.4	0.5	-3.2	89	27	3.3
612425.0	5924600.0	21.4	-3.9	-11.2	81	33	3.1
612450.0	5924600.0	21.4	-2.8	-9.4	81	36	3.2
612475.0	5924600.0	21.4	-7.2	-8	78	40	3.1
612500.0	5924600.0	21.4	-8.3	-9.3	71	46	3
612525.0	5924600.0	21.4	-8.6	-8.7	78	46	3.2
612550.0	5924600.0	21.4	-3.7	-4.9	73	43	3
612575.0	5924600.0	21.4	-2.2	-4.4	75	39	3
612600.0	5924600.0	21.4	-9.4	-10.8	68	49	3
612625.0	5924600.0	21.4	-11	-6.6	87	20	3.2
612650.0	5924600.0	21.4	-11.9	-7.9	76	44	3.1
612675.0	5924600.0	21.4	-8.3	-3.4	68	54	3.1
612700.0	5924600.0	21.4	-8.5	-3.4	77	44	3.1
612725.0	5924600.0	21.4	-7.9	-0.2	74	53	3.2
612750.0	5924600.0	21.4	-9.7	-0.4	70	51	3.1
612775.0	5924600.0	21.4	-7.9	2.5	72	50	3.1
612800.0	5924600.0	21.4	-9.2	-0.2	72	48	3.1
612825.0	5924600.0	21.4	-10.9	-0.4	63	53	2.9
612850.0	5924600.0	21.4	-11.6	2	62	56	3
612875.0	5924600.0	21.4	-11.1	3.9	67	55	3.1
612875.0	5924600.0	21.4	-12.3	2.3	70	54	3.1
612900.0	5924600.0	21.4	-14.7	-0.2	72	49	3.1
612925.0	5924600.0	21.4	-14.6	-0.3	71	53	3.1
612950.0	5924600.0	21.4	-16.1	0.6	67	54	3.1
612975.0	5924600.0	21.4	-18.4	-2.8	77	44	3.1
613000.0	5924600.0	21.4	-19.6	-0.6	94	24	3.4
613025.0	5924600.0	21.4	-19	-2.7	91	33	3.4
613050.0	5924600.0	21.4	-43.8	-33.4	27	-11	0.5
613075.0	5924600.0	21.4	-35.6	-28	57	-27	0.5
613100.0	5924600.0	21.4	-38.9	-32.6	57	-24	0.5
613125.0	5924600.0	21.4	-28.7	-28	59	-27	0.5

613150.0	5924600.0	21.4	-38.5	-30.5	59	-22	0.5
613175.0	5924600.0	21.4	-31.9	-29	59	-27	0.5
613200.0	5924600.0	21.4	-33.8	-30.7	61	-24	0.5
613225.0	5924600.0	21.4	-31.9	-28.9	66	-31	0.6
613250.0	5924600.0	21.4	-27	-29.3	71	-30	0.6
613275.0	5924600.0	21.4	-28.9	-28.8	87	-40	0.8
613300.0	5924600.0	21.4	-41.1	-26.5	97	-48	0.9
613325.0	5924600.0	21.4	-39.1	-25.7	95	-49	0.9
613350.0	5924600.0	21.4	-41.1	-27.2	99	-46	0.9
613375.0	5924600.0	21.4	-39.9	-28.5	111	-52	1
613375.0	5924600.0	21.4	-36.9	-27.1	109	-45	1
613400.0	5924600.0	21.4	-47	-28	119	-55	1.1
613425.0	5924600.0	21.4	-43.2	-24.2	65	-28	1.2
613450.0	5924600.0	21.4	-43.5	-24.4	64	-32	1.2
613475.0	5924600.0	21.4	-40	-24.5	66	-30	1.2
613500.0	5924600.0	21.4	-38.2	-25.3	70	-33	1.4
613525.0	5924600.0	21.4	-42.3	-25.1	73	-35	1.4
613550.0	5924600.0	21.4	-36.2	-25.5	70	-37	1.4
613575.0	5924600.0	21.4	-32.6	-25.5	71	-36	1.4
613600.0	5924600.0	21.4	-31.4	-25.1	76	-35	1.5
613625.0	5924600.0	21.4	-35.2	-24.1	77	-37	1.5
613650.0	5924600.0	21.4	-36.5	-23.2	84	-40	1.6
613675.0	5924600.0	21.4	-48.7	-24.7	85	-39	1.6
613700.0	5924600.0	21.4	-42.2	-23	85	-41	1.6
613725.0	5924600.0	21.4	-43.4	-23.1	84	-42	1.6
613750.0	5924600.0	21.4	-36.1	-22.9	84	-39	1.6
613775.0	5924600.0	21.4	-42.1	-23.9	83	-40	1.6
612350.0	5924650.0	21.4	-0.7	-14.1	95	59	2
612375.0	5924650.0	21.4	1	-11.8	75	72	1.8
612400.0	5924650.0	21.4	1	-14.8	55	76	1.6
612425.0	5924650.0	21.4	-3.2	-12.8	74	70	1.8
612450.0	5924650.0	21.4	-4.6	-11.8	51	70	1.5
612475.0	5924650.0	21.4	-7.2	-8.7	87	54	1.8
612500.0	5924650.0	21.4	-8.2	-10.5	86	61	1.8
612525.0	5924650.0	21.4	-7.7	-9.7	78	56	1.7
612550.0	5924650.0	21.4	-8.9	-7	87	50	1.8
612575.0	5924650.0	21.4	-4.4	0	73	66	1.7
612600.0	5924650.0	21.4	-6	-1.3	122	103	1.4
612625.0	5924650.0	21.4	-6.1	-1.5	104	107	1.3
612650.0	5924650.0	21.4	-9.3	-4.7	100	90	1.2
612675.0	5924650.0	21.4	-8.5	-0.9	115	68	1.1
612700.0	5924650.0	21.4	-8.3	-1.1	106	65	1.1
612725.0	5924650.0	21.4	-12	-3.4	94	51	0.9
612750.0	5924650.0	21.4	-23	-13.4	74	16	0.6
612775.0	5924650.0	21.4	-17.1	-5.5	96	20	0.8
612800.0	5924650.0	21.4	-19.2	-9	94	15	0.8
612825.0	5924650.0	21.4	-19.5	-5	94	15	0.8

612850.0	5924650.0	21.4	-20.5	-8.5	94	11	0.8
612875.0	5924650.0	21.4	-23	-4.9	97	15	0.8
612900.0	5924650.0	21.4	-22.5	-5.7	100	17	0.9
612925.0	5924650.0	21.4	-25.8	-6.2	92	12	0.8
612950.0	5924650.0	21.4	-29.7	-14.1	86	8	0.7
612975.0	5924650.0	21.4	-23.1	-4.1	113	32	1
613000.0	5924650.0	21.4	-31	-12	96	28	0.8
613025.0	5924650.0	21.4	-36.8	-12.1	44	10	0.8
613050.0	5924650.0	21.4	-21.2	-0.1	64	34	1.3
613075.0	5924650.0	21.4	-20.4	-5.7	64	33	1.2
613100.0	5924650.0	21.4	-18.7	-4.5	69	34	1.3
613125.0	5924650.0	21.4	-18.3	0.5	75	43	1.5
613150.0	5924650.0	21.4	13.4	-32.8	0	52	0.23
613175.0	5924650.0	21.4	8.5	-35.3	0	56	0.25
613200.0	5924650.0	21.4	10.5	-32.9	0	55	0.24
613225.0	5924650.0	21.4	9.6	-39.1	0	52	0.23
613250.0	5924650.0	21.4	6.6	-31.1	0	57	0.25
613275.0	5924650.0	21.4	8.9	-38.3	0	47	0.21
613300.0	5924650.0	21.4	7.8	-30.4	0	49	0.21
613325.0	5924650.0	21.4	6.1	-30	0	46	0.2
613350.0	5924650.0	21.4	-2	-18.8	0	49	0.21
613375.0	5924650.0	21.4	-3.4	-22.1	0	50	0.22
613400.0	5924650.0	21.4	-6.8	-23.1	0	50	0.22
613425.0	5924650.0	21.4	2.7	-19.8	0	50	0.22
613450.0	5924650.0	21.4	5.2	-15.7	0	47	0.21
613475.0	5924650.0	21.4	3.6	-10.3	0	49	0.22
613500.0	5924650.0	21.4	6.7	-7.1	0	44	0.19
613525.0	5924650.0	21.4	7.6	-2.9	0	47	0.21
613550.0	5924650.0	21.4	9.2	-5.3	0	46	0.2
613575.0	5924650.0	21.4	10.6	2.2	0	45	0.2
613600.0	5924650.0	21.4	16.6	-3.8	0	44	0.19
613625.0	5924650.0	21.4	12.4	-6.1	0	49	0.21
613650.0	5924650.0	21.4	11.9	-9.4	0	48	0.21
613675.0	5924650.0	21.4	5.1	0.2	0	52	0.23
613700.0	5924650.0	21.4	11.2	-8.6	0	50	0.22
613725.0	5924650.0	21.4	8.3	-15.8	0	48	0.21
613750.0	5924650.0	21.4	5	-28.1	0	49	0.21
613775.0	5924650.0	21.4	10.6	-20.7	0	51	0.23
612350.0	5924700.0	21.4	-4.9	-18.6	77	27	2.9
612350.0	5924700.0	21.4	-5.6	-19	76	22	2.8
612375.0	5924700.0	21.4	-7.6	-14.8	62	26	2.4
612400.0	5924700.0	21.4	-4.1	-16	80	24	2.9
612425.0	5924700.0	21.4	-8.2	-15.2	69	26	2.6
612450.0	5924700.0	21.4	-10.4	-17.9	63	30	2.5
612475.0	5924700.0	21.4	-9.4	-13.3	68	27	2.6
612500.0	5924700.0	21.4	-10.6	-15.4	69	25	2.6
612525.0	5924700.0	21.4	-12.9	-12.1	72	25	2.7

612550.0	5924700.0	21.4	-15.3	-15.4	74	27	2.8
612575.0	5924700.0	21.4	-11.2	-13.9	75	25	2.8
612600.0	5924700.0	21.4	-18.1	-10.5	63	33	2.5
612625.0	5924700.0	21.4	-6.8	-9.4	65	41	2.7
612650.0	5924700.0	21.4	-9.8	-3.6	65	33	2.6
612675.0	5924700.0	21.4	-8.8	-3.8	68	31	2.6
612700.0	5924700.0	21.4	-9.2	-2.9	83	16	3
612725.0	5924700.0	21.4	-9.8	-0.1	73	29	2.8
612750.0	5924700.0	21.4	-11.6	-2.3	56	33	2.3
612775.0	5924700.0	21.4	-14.7	0.5	69	29	2.6
612800.0	5924700.0	21.4	-14	-2.8	69	31	2.7
612825.0	5924700.0	21.4	-13.1	-2.6	65	32	2.5
612850.0	5924700.0	21.4	-17.6	-2.6	71	25	2.7
612875.0	5924700.0	21.4	-11.3	0.6	72	27	2.7
612900.0	5924700.0	21.4	-14.8	3.1	72	23	2.7
612925.0	5924700.0	21.4	-16.4	-6.2	60	32	2.4
612950.0	5924700.0	21.4	-22.9	-7.9	52	30	2.1
612975.0	5924700.0	21.4	-20	-9.2	57	31	2.3
613000.0	5924700.0	21.4	-18.6	-4	72	23	2.7
613025.0	5924700.0	21.4	-18.9	-4.2	79	9	2.8
613050.0	5924700.0	21.4	22	9.5	110	29	2
613075.0	5924700.0	21.4	32.9	18.2	119	70	1.2
613100.0	5924700.0	21.4	49.6	28.7	83	-40	0.8
613125.0	5924700.0	21.4	44.1	24.1	88	-40	0.8
613150.0	5924700.0	21.4	42.7	28.3	49	-20	0.9
613175.0	5924700.0	21.4	40.7	24.6	48	-23	0.9
613200.0	5924700.0	21.4	33.4	27.9	49	-20	0.9
613225.0	5924700.0	21.4	45.6	28	50	-25	1
613250.0	5924700.0	21.4	50	27.2	47	-23	0.9
613275.0	5924700.0	21.4	50.1	27.9	50	-24	1
613300.0	5924700.0	21.4	46.8	26.9	54	-24	1
613325.0	5924700.0	21.4	45.2	25.6	51	-27	1
613350.0	5924700.0	21.4	45	25.4	55	-28	1.1
613375.0	5924700.0	21.4	45.8	25.1	57	-28	1.1
613400.0	5924700.0	21.4	45	24.9	63	-28	1.2
613425.0	5924700.0	21.4	45.9	24.9	63	-30	1.2
613425.0	5924700.0	21.4	48.1	25.5	65	-32	1.3
613450.0	5924700.0	21.4	49.5	26.1	60	-30	1.2
613475.0	5924700.0	21.4	43.2	24.5	68	-34	1.3
613500.0	5924700.0	21.4	42.9	25.9	72	-35	1.4
613525.0	5924700.0	21.4	45.5	23.6	75	-35	1.4
613550.0	5924700.0	21.4	31.2	24.4	79	-39	1.5
613575.0	5924700.0	21.4	41.6	22.3	81	-41	1.6
613600.0	5924700.0	21.4	45.6	22.8	84	-39	1.6
613625.0	5924700.0	21.4	43.4	21	86	-39	1.6
613650.0	5924700.0	21.4	51.5	23.7	85	-39	1.6
613675.0	5924700.0	21.4	47.7	23.1	85	-42	1.7

613700.0	5924700.0	21.4	32.8	22.3	86	-39	1.6
613725.0	5924700.0	21.4	24.3	22.2	88	-37	1.7
613750.0	5924700.0	21.4	41.5	22.9	87	-40	1.7
613775.0	5924700.0	21.4	35.1	22.1	83	-40	1.6
612350.0	5924750.0	21.4	9.3	-7.5	77	52	3.3
612375.0	5924750.0	21.4	3.6	-15.5	76	47	3.2
612400.0	5924750.0	21.4	2.7	-19.7	85	38	3.3
612425.0	5924750.0	21.4	1.9	-24.5	98	19	3.5
612450.0	5924750.0	21.4	3.8	-22.1	82	42	3.3
612475.0	5924750.0	21.4	-5.6	-20.9	86	35	3.3
612500.0	5924750.0	21.4	-2.4	-24.2	93	31	3.5
612525.0	5924750.0	21.4	-3.7	-19.2	87	41	3.4
612550.0	5924750.0	21.4	-6.4	-19.8	68	53	3.1
612575.0	5924750.0	21.4	-7.7	-15	91	44	3.6
612600.0	5924750.0	21.4	-13.6	-20.5	73	61	3.4
612625.0	5924750.0	21.4	-11.5	-18.2	107	20	3.9
612650.0	5924750.0	21.4	-5.5	-10.9	86	54	3.6
612675.0	5924750.0	21.4	-5	-7.5	82	54	3.5
612700.0	5924750.0	21.4	-5.7	-6.3	87	48	3.5
612725.0	5924750.0	21.4	-8.2	-9.4	84	50	3.5
612750.0	5924750.0	21.4	-7.5	-9.7	79	56	3.4
612775.0	5924750.0	21.4	-8.2	-5.4	88	47	3.5
612800.0	5924750.0	21.4	-7.7	-6.4	97	32	3.6
612825.0	5924750.0	21.4	-9.8	-5.5	85	50	3.5
612850.0	5924750.0	21.4	-12	-2.9	88	42	3.5
612875.0	5924750.0	21.4	-11.2	-8.3	86	45	3.4
612900.0	5924750.0	21.4	-14.5	-11.2	86	45	3.4
612925.0	5924750.0	21.4	-13.8	-8.7	90	40	3.5
612950.0	5924750.0	21.4	-14.7	-6.5	77	53	3.3
612975.0	5924750.0	21.4	-16.9	-11.9	84	45	3.4
613000.0	5924750.0	21.4	-17.2	-9.1	88	41	3.4
613025.0	5924750.0	21.4	-15.4	-6.2	86	44	3.4
613050.0	5924750.0	21.4	-15.6	-3.5	54	0	3.8
613075.0	5924750.0	21.4	-21.2	-5.6	43	21	3.4
613100.0	5924750.0	21.4	-17.3	-7.4	95	35	3.6
613125.0	5924750.0	21.4	-19.6	-0.2	96	42	3.7
613150.0	5924750.0	21.4	-18.1	-6.5	91	46	3.6
613175.0	5924750.0	21.4	-16.6	0	98	47	3.8
613200.0	5924750.0	21.4	-14.2	0.3	83	57	3.6
613225.0	5924750.0	21.4	-13.7	-4.7	93	49	3.7
613250.0	5924750.0	21.4	-7.1	2	46	59	2.6
613275.0	5924750.0	21.4	-6.4	-4.9	107	36	4
613275.0	5924750.0	21.4	-7.4	-4	107	29	3.9
613300.0	5924750.0	21.4	-10.6	-6.3	94	42	3.6
613325.0	5924750.0	21.4	-6.6	-4.6	105	32	3.9
613350.0	5924750.0	21.4	-3	-0.5	99	39	3.8
613375.0	5924750.0	21.4	-8.5	-6.5	105	11	3.7

613400.0	5924750.0	21.4	-8.9	-6.9	105	23	3.8
613425.0	5924750.0	21.4	-11.7	-11.1	96	46	3.8
613450.0	5924750.0	21.4	-10.1	-9.9	93	50	3.7
613475.0	5924750.0	21.4	-10.1	-8.5	97	41	3.7
613500.0	5924750.0	21.4	-8.7	-6	96	49	3.8
613525.0	5924750.0	21.4	-7.6	-4.3	97	51	3.9
613550.0	5924750.0	21.4	-8.8	-1	92	56	3.8
613575.0	5924750.0	21.4	-11.2	-3.6	93	53	3.8
613600.0	5924750.0	21.4	-11.7	-7.8	86	60	3.7
613625.0	5924750.0	21.4	-10.4	-1.8	90	59	3.8
613650	5924750	21.4	-11.8	-3.4	91	58	3.8
613675	5924750	21.4	-12.5	-1.4	86	63	3.8
613700	5924750	21.4	-13.5	-2.1	69	72	3.5
613725	5924750	21.4	-16.2	-4.9	88	60	3.8
613750	5924750	21.4	-17.1	-5.7	55	76	3.3
613775	5924750	21.4	-16.7	-6.8	93	61	3.9
612350	5924800	21.4	12.5	-0.3	67	57	3.1
612375	5924800	21.4	9.4	-2.5	93	35	3.5
612400	5924800	21.4	8.7	-5.9	80	45	3.2
612425	5924800	21.4	10.9	-9.4	73	52	3.2
612450	5924800	21.4	3.5	-14.7	82	43	3.3
612475	5924800	21.4	-0.2	-18.1	84	44	3.4
612500	5924800	21.4	-1.8	-18.9	84	45	3.4
612525	5924800	21.4	-6	-20	83	47	3.4
612550	5924800	21.4	-5.4	-16.3	77	46	3.2
612575	5924800	21.4	-6.7	-16.2	83	49	3.4
612600	5924800	21.4	-9.8	-15.4	96	47	3.8
612625	5924800	21.4	-5.3	-4.6	84	50	3.5
612650	5924800	21.4	-3.2	-5.7	94	38	3.6
612675	5924800	21.4	-8	-4.6	112	12	4
612700	5924800	21.4	-4.8	-3.9	100	25	3.7
612725	5924800	21.4	-6.4	-2.5	104	30	3.8
612750	5924800	21.4	-4.5	-1.3	94	32	3.5
612775	5924800	21.4	-7.8	-5.2	89	49	3.6
612800	5924800	21.4	-7.3	1.6	82	43	3.3
612825	5924800	21.4	-8	-0.2	100	17	3.6
612850	5924800	21.4	-9.8	-3.3	92	42	3.6
612875	5924800	21.4	-10.1	0.8	100	27	3.7
612900	5924800	21.4	-12.7	-5.4	100	31	3.7
612925	5924800	21.4	-11.2	2.3	108	12	3.9
612950	5924800	21.4	-14.6	-1.5	87	39	3.4
612975	5924800	21.4	-13.3	-1.1	97	22	3.5
613000	5924800	21.4	-17.1	-5.7	98	30	3.6
613025	5924800	21.4	-15.6	-2.7	101	25	3.7
613050	5924800	21.4	-19	-9.5	79	54	3.4
613075	5924800	21.4	-17.2	-7.2	94	38	3.6
613100	5924800	21.4	-21.2	-13.5	105	31	3.9

613125	5924800	21.4	-17.2	-12.8	95	36	3.6
613150	5924800	21.4	-17.4	-7.9	100	43	3.8
613175	5924800	21.4	-18.1	-15.9	79	61	3.5
613175	5924800	21.4	-19.5	-17.9	78	57	3.4
613200	5924800	21.4	-13.4	-4	99	46	3.9
613225	5924800	21.4	-13.4	-4.1	108	33	4
613250	5924800	21.4	-10.2	-7.5	93	49	3.7
613275	5924800	21.4	-9.7	-6.2	109	40	4.1
613300	5924800	21.4	-7.3	-5.8	81	65	3.7
613325	5924800	21.4	-5.6	-5.8	100	50	3.9
613350	5924800	21.4	-0.2	2.3	97	32	3.6
613375	5924800	21.4	-4.7	-3.9	98	48	3.8
613400	5924800	21.4	-5.3	-1.6	86	49	3.5
613425	5924800	21.4	-6.3	-6.8	86	53	3.6
613450	5924800	21.4	-8.6	-7.5	101	40	3.9
613475	5924800	21.4	-8.7	-4.2	107	38	4
613500	5924800	21.4	-6	0	83	64	3.7
613525	5924800	21.4	-7.7	-2.5	87	61	3.8
613550	5924800	21.4	-6.3	-0.4	111	31	4.1
613575	5924800	21.4	-9.5	-2.3	97	54	3.9
613600	5924800	21.4	-9.8	-3.4	87	61	3.8
613625	5924800	21.4	-8.9	-0.5	106	39	4
613650	5924800	21.4	-7.7	1.4	104	35	3.9
613675	5924800	21.4	12.7	3	97	46	3.8
613700	5924800	21.4	15.3	5.1	97	51	3.9
613725	5924800	21.4	17	4.2	101	47	3.9
613750	5924800	21.4	14.6	2.6	109	34	4
613775	5924800	21.4	12.8	1.7	106	31	3.9

East	North	Seatle	Hawaii
NAD83_Z9	NAD83_Z9	Fraser_Filter	Fraser_Filter
612318.8	5923950.0	-19.4	6.2
612331.3	5923950.0	-26	7.6
612343.8	5923950.0	15.1	6.6
612356.3	5923950.0	28	-12.5
612368.8	5923950.0	-2.4	15.9
612381.3	5923950.0	-13.2	23.3
612393.8	5923950.0	-6.5	-44.6
612406.3	5923950.0	-9	-45.9
612418.8	5923950.0	2.7	-18.6
612431.3	5923950.0	54.2	-35.6
612443.8	5923950.0	30.7	-38.1
612456.3	5923950.0	-53.8	-8.5
612468.8	5923950.0	-30.2	19.8
612481.3	5923950.0	18.8	8
612493.8	5923950.0	10	-1.3
612506.3	5923950.0	-19.5	12.5
612518.8	5923950.0	15.5	-0.8
612531.3	5923950.0	35.5	-18.5
612543.8	5923950.0	-41.6	-4.4
612556.3	5923950.0	25.4	47.4
612568.8	5923950.0	75	48.2
612581.3	5923950.0	-53.4	-39.2
612593.8	5923950.0	-38.6	-52.7
612606.3	5923950.0	4.8	-13
612618.8	5923950.0	-3.4	-11.5
612631.3	5923950.0	24.2	-9.9
612643.8	5923950.0	-31.4	-6.6
612656.3	5923950.0	-27.3	0.1
612668.8	5923950.0	44.5	15.9
612675.0	5923950.0	19.3	19.9
612681.3	5923950.0	-38.2	11.1
612693.8	5923950.0	7.8	21.4
612706.3	5923950.0	29.7	23.2
612718.8	5923950.0	9.7	-16
612731.3	5923950.0	30.7	-52.4
612743.8	5923950.0	-29	-44.4
612756.3	5923950.0	-64.1	-2.3
612768.8	5923950.0	-26.9	5.4
612781.3	5923950.0	-7.2	-33.2
612800.0	5923950.0	3.1	-33.2
612818.8	5923950.0	7.7	10.7
612831.3	5923950.0	28.1	21.2
612843.8	5923950.0	12.6	8.2
612856.3	5923950.0	-6.8	4.1
612868.8	5923950.0	19.7	5.8

612881.3	5923950.0	-7.4	15.4
612900.0	5923950.0	-44.8	11
612918.8	5923950.0	-17.3	-3.8
612931.3	5923950.0	15.6	-2.1
612943.8	5923950.0	19.4	-0.3
612956.3	5923950.0	-1	-4.6
612968.8	5923950.0	0.8	-11.5
612981.3	5923950.0	17.9	-25.2
613043.8	5923950.0	17.2	69.1
613056.3	5923950.0	47	32
613068.8	5923950.0	34.4	-2.5
613081.3	5923950.0	30.5	-8.1
613093.8	5923950.0	5.6	16.3
613106.3	5923950.0	-10.8	37.6
613118.8	5923950.0	8.8	13.9
613131.3	5923950.0	-0.4	-1.5
613143.8	5923950.0	-3.1	23.4
613156.3	5923950.0	-9.9	48.7
613168.8	5923950.0	1.9	5.9
613181.3	5923950.0	21.2	-43.6
613193.8	5923950.0	5.1	-31.3
613206.3	5923950.0	10.8	-1.8
613218.8	5923950.0	25.1	-3.4
613231.3	5923950.0	29.8	-8.3
613243.8	5923950.0	-2.2	9.4
613256.3	5923950.0	-47.3	13.4
613268.8	5923950.0	-22.9	-4.6
613281.3	5923950.0	13.4	-8.9
613293.8	5923950.0	13.5	11.7
613306.3	5923950.0	11.2	13.7
613318.8	5923950.0	-22.9	-0.6
613331.3	5923950.0	-23.9	10.6
613343.8	5923950.0	17.7	37
613356.3	5923950.0	26.8	19.6
613368.8	5923950.0	52.6	-28.5
613381.3	5923950.0	12.9	-20.8
613393.8	5923950.0	-56.4	13.4
613406.3	5923950.0	-24.3	0.4
613418.8	5923950.0	5.4	-23.6
613431.3	5923950.0	15.9	-30.1
613443.8	5923950.0	18.4	-39.4
613456.3	5923950.0	-12.8	-34.8
613468.8	5923950.0	-10.4	-9
613481.3	5923950.0	4.3	24.6
613493.8	5923950.0	-8	33.5
613506.3	5923950.0	-0.7	-9.2
613518.8	5923950.0	21.1	-38.2

613531.3	5923950.0	9.4	-9.3
613543.8	5923950.0	-2	7
613556.3	5923950.0	6.6	2.4
613568.8	5923950.0	-4.3	8
613581.3	5923950.0	-10	-17.2
613593.8	5923950.0	-6.6	-50.1
613606.3	5923950.0	-0.3	-16.3
613618.8	5923950.0	10.2	24.1
613631.3	5923950.0	-4.6	7.5
613643.8	5923950.0	-27.4	-6.2
613656.3	5923950.0	-32.7	-24.6
613668.8	5923950.0	-12.4	-11.5
613681.3	5923950.0	5	47.6
613693.8	5923950.0	9.9	40.8
613706.3	5923950.0	17.2	13.9
613718.8	5923950.0	6.5	12.8
613731.3	5923950.0	-10.2	-7.3
613743.8	5923950.0	-9.9	-21.6
613756.3	5923950.0	2.8	-19.6
613768.8	5923950.0	-1.9	-5.5
613781.3	5923950.0	-26.8	27.2
612318.8	5924000.0	3.4	12
612331.3	5924000.0	4.8	7.5
612343.8	5924000.0	2.2	6.9
612356.3	5924000.0	-6.5	9.8
612368.8	5924000.0	-3.3	8.5
612381.3	5924000.0	6.4	1.6
612393.8	5924000.0	-1.4	-3.3
612406.3	5924000.0	-9	-6.1
612418.8	5924000.0	-0.2	-8.9
612431.3	5924000.0	9.1	-10
612443.8	5924000.0	12.5	-9.8
612456.3	5924000.0	4.3	-11.8
612468.8	5924000.0	-8	-8.6
612481.3	5924000.0	1.5	-2.1
612493.8	5924000.0	13.3	-5.4
612506.3	5924000.0	4.7	-11.6
612518.8	5924000.0	-4.7	-8.2
612531.3	5924000.0	-2.3	10.7
612543.8	5924000.0	-4.4	17.1
612556.3	5924000.0	-9.6	-5
612568.8	5924000.0	-8.5	-14.7
612581.3	5924000.0	-8.2	-19.8
612593.8	5924000.0	2.5	-23.7
612606.3	5924000.0	11.7	-6.7
612618.8	5924000.0	1.4	4.1
612631.3	5924000.0	-8.2	6.2

612643.8	5924000.0	1.6	10.9
612656.3	5924000.0	14.2	12.5
612668.8	5924000.0	10	6.8
612681.3	5924000.0	-2.3	0.5
612693.8	5924000.0	-8.9	-0.2
612706.3	5924000.0	-4.9	-4
612718.8	5924000.0	0.6	-8.8
612731.3	5924000.0	0.1	-4.1
612743.8	5924000.0	2.4	0.3
612756.3	5924000.0	8.3	-2.1
612768.8	5924000.0	0.7	-12.7
612781.3	5924000.0	-12.9	-17.3
612793.8	5924000.0	-6.1	-5.1
612806.3	5924000.0	-0.5	0.8
612818.8	5924000.0	-7.2	-4.9
612831.3	5924000.0	10.1	-15.4
612843.8	5924000.0	18.9	-17.1
612856.3	5924000.0	-3.2	-6
612868.8	5924000.0	-12.8	0
612881.3	5924000.0	-7.6	2.3
612893.8	5924000.0	-5.6	3.2
612906.3	5924000.0	-6.5	-0.9
612918.8	5924000.0	1.6	-1.5
612931.3	5924000.0	4.5	2.9
612943.8	5924000.0	0.1	8.6
612956.3	5924000.0	3.7	10
612968.8	5924000.0	5.7	0.2
612981.3	5924000.0	1.9	-7
612993.8	5924000.0	0.2	-5
613006.3	5924000.0	-0.3	-6.8
613018.8	5924000.0	-15.8	4
613031.3	5924000.0	-46	22.7
613043.8	5924000.0	-110.6	20.9
613056.3	5924000.0	-98.6	12.6
613068.8	5924000.0	-17.2	7.5
613081.3	5924000.0	-30.3	3.5
613093.8	5924000.0	-3.2	1.3
613106.3	5924000.0	49.9	2.9
613118.8	5924000.0	18.8	5.4
613131.3	5924000.0	-4	4
613143.8	5924000.0	3.5	6.6
613156.3	5924000.0	14.6	7.9
613168.8	5924000.0	1.7	0.3
613181.3	5924000.0	-22.1	-3.7
613193.8	5924000.0	-29.2	1.3
613206.3	5924000.0	-41.4	3.8
613218.8	5924000.0	-32.8	1.8

613231.3	5924000.0	16.7	3.7
613243.8	5924000.0	33.2	5.9
613250.0	5924000.0	7.6	4.7
613256.3	5924000.0	-13.7	5.6
613268.8	5924000.0	-12	7.5
613281.3	5924000.0	12.7	10.6
613293.8	5924000.0	24.4	10.9
613306.3	5924000.0	17.7	4.5
613318.8	5924000.0	13.2	2
613331.3	5924000.0	-1.1	3.6
613343.8	5924000.0	-5.1	-1.5
613356.3	5924000.0	-14.5	-7.1
613368.8	5924000.0	-35.6	-5
613381.3	5924000.0	-7.6	-4.7
613393.8	5924000.0	22.5	-12.3
613406.3	5924000.0	17.9	-20.4
613418.8	5924000.0	10.4	-22.5
613431.3	5924000.0	2.5	-20.7
613443.8	5924000.0	-12.4	-14.4
613456.3	5924000.0	-11.4	-3.8
613468.8	5924000.0	18.4	3
613481.3	5924000.0	22.4	0.6
613493.8	5924000.0	7.5	-5
613506.3	5924000.0	3.9	-8.9
613518.8	5924000.0	-14.1	-9
613531.3	5924000.0	-25.8	-0.6
613543.8	5924000.0	-24.6	7.4
613556.3	5924000.0	-10.8	11.8
613568.8	5924000.0	8.1	9.4
613581.3	5924000.0	18.8	0.3
613593.8	5924000.0	26.4	-1.8
613606.3	5924000.0	9.8	0.8
613618.8	5924000.0	-18.3	-4.2
613631.3	5924000.0	-28.1	-13.7
613643.8	5924000.0	-15.6	-12.5
613656.3	5924000.0	-7	-4.5
613668.8	5924000.0	12.3	1.3
613681.3	5924000.0	36.4	6.1
613693.8	5924000.0	13.9	13.8
613706.3	5924000.0	-11.8	17.3
613718.8	5924000.0	-6.8	13.1
613731.3	5924000.0	-10.8	14.7
613743.8	5924000.0	-0.4	9.2
613756.3	5924000.0	13.4	-8.2
613768.8	5924000.0	2.7	-15.3
613781.3	5924000.0	30.1	-18.2
612318.8	5924050.0	12.9	0.2

612331.3	5924050.0	-8.3	13
612343.8	5924050.0	-5.1	18.6
612356.3	5924050.0	2.9	12.4
612368.8	5924050.0	-0.7	33.2
612381.3	5924050.0	7.2	60.6
612393.8	5924050.0	11	20.2
612406.3	5924050.0	-5.8	-34.2
612418.8	5924050.0	2.1	-34
612431.3	5924050.0	22	-19.1
612443.8	5924050.0	3.5	-10.4
612456.3	5924050.0	-17	6.3
612468.8	5924050.0	-10.6	16.9
612481.3	5924050.0	12.7	-7.9
612493.8	5924050.0	29.3	-29
612506.3	5924050.0	4.7	13.8
612518.8	5924050.0	-17.9	30.5
612531.3	5924050.0	-4.1	-29.6
612543.8	5924050.0	6.4	-49.7
612556.3	5924050.0	-2.4	-13.8
612568.8	5924050.0	0.6	-10.4
612581.3	5924050.0	2.6	-37.7
612593.8	5924050.0	-14.7	5.5
612606.3	5924050.0	-10.7	57.4
612618.8	5924050.0	9.2	-5.8
612631.3	5924050.0	5.2	-54.1
612643.8	5924050.0	-8.2	-8.9
612656.3	5924050.0	-9.3	16.7
612668.8	5924050.0	-8.3	9.8
612681.3	5924050.0	7.3	8.4
612693.8	5924050.0	23.7	5.7
612706.3	5924050.0	6.8	-1.6
612718.8	5924050.0	-2.1	0.9
612731.3	5924050.0	3.7	7.6
612743.8	5924050.0	12.5	-0.9
612756.3	5924050.0	26.6	1.7
612768.8	5924050.0	14.8	6.9
612781.3	5924050.0	8.2	1.8
612793.8	5924050.0	-0.5	18.4
612806.3	5924050.0	-23.1	13.9
612818.8	5924050.0	-28.2	-35.4
612831.3	5924050.0	-6.3	-40.7
612843.8	5924050.0	22.6	-6.4
612856.3	5924050.0	13.7	-2.9
612868.8	5924050.0	0.9	-9.7
612881.3	5924050.0	5.1	-8.9
612893.8	5924050.0	-20.3	-8.6
612906.3	5924050.0	-26.2	6.9

612918.8	5924050.0	11.1	37.3
612931.3	5924050.0	4.6	3.8
612943.8	5924050.0	-25.1	-60.4
612956.3	5924050.0	-15.2	-26.7
612968.8	5924050.0	-1.2	14.9
612981.3	5924050.0	-10.3	10.8
612993.8	5924050.0	11.6	18.4
613006.3	5924050.0	34.1	5.8
613018.8	5924050.0	9.1	-10.7
613031.3	5924050.0	-13	-5
613043.8	5924050.0	-10.1	-15.5
613050.0	5924050.0	0.5	-23.3
613050.0	5924050.0	5	-18.9
613056.3	5924050.0	2	-11.7
613068.8	5924050.0	-9.7	7.5
613081.3	5924050.0	-12.3	10.9
613087.5	5924050.0	-2.1	7.6
613168.8	5924050.0	3.9	3.7
613256.3	5924050.0	7.7	2.9
613268.8	5924050.0	-4.6	35.6
613287.5	5924050.0	-26.3	50.1
613306.3	5924050.0	-18.5	48.9
613318.8	5924050.0	5.3	82.8
613331.3	5924050.0	9.9	15
613343.8	5924050.0	0.9	-123
613356.3	5924050.0	5.5	-120.5
613368.8	5924050.0	15.9	12.3
613381.3	5924050.0	6.4	113.9
613393.8	5924050.0	-3.4	48.9
613406.3	5924050.0	2.1	-39.1
613418.8	5924050.0	9	-25.7
613431.3	5924050.0	12.2	-19.2
613443.8	5924050.0	-0.1	-29.3
613456.3	5924050.0	-14.2	-22.3
613468.8	5924050.0	10.8	-25.7
613481.3	5924050.0	28.7	-20.9
613493.8	5924050.0	7.2	2
613506.3	5924050.0	1.6	-0.9
613518.8	5924050.0	-2.3	-1.2
613531.3	5924050.0	-17.8	-13.7
613543.8	5924050.0	-20.2	-39.2
613556.3	5924050.0	-15	-21.6
613568.8	5924050.0	-12.4	13.6
613581.3	5924050.0	-7.7	44.9
613593.8	5924050.0	15.8	39.9
613606.3	5924050.0	31.5	0.6
613618.8	5924050.0	15.5	-6.5

613631.3	5924050.0	-6.6	5.6
613643.8	5924050.0	-19.2	-16.6
613656.3	5924050.0	-29.4	-40.5
613668.8	5924050.0	-33.8	-44.4
613681.3	5924050.0	-23.9	-21.3
613693.8	5924050.0	-10.1	7.9
613706.3	5924050.0	-11.2	12.1
613718.8	5924050.0	-25.9	34.5
613731.3	5924050.0	-9	47.1
613743.8	5924050.0	26.1	19.2
613756.3	5924050.0	22.7	-8.8
613768.8	5924050.0	-2.7	-22.9
613781.3	5924050.0	-10.6	-20.1
612318.8	5924100.0	13.7	-2.3
612331.3	5924100.0	16.7	-2.5
612343.8	5924100.0	1.3	5.1
612356.3	5924100.0	-6.3	10.9
612368.8	5924100.0	2.5	7.6
612381.3	5924100.0	-9	2.7
612393.8	5924100.0	-22.7	1.9
612406.3	5924100.0	3.8	7.6
612418.8	5924100.0	26.6	11.3
612431.3	5924100.0	6.7	2.4
612443.8	5924100.0	-13.9	0.8
612456.3	5924100.0	-1.6	16
612468.8	5924100.0	-2.5	25.7
612481.3	5924100.0	-11.5	18.8
612493.8	5924100.0	16.7	0.9
612506.3	5924100.0	23.7	-18.2
612518.8	5924100.0	1.9	-24.1
612531.3	5924100.0	-2.8	-21.3
612543.8	5924100.0	-2.7	-21.3
612556.3	5924100.0	-1.2	-23.6
612568.8	5924100.0	4.3	-24.2
612581.3	5924100.0	0.1	-13
612593.8	5924100.0	-7.6	0.4
612606.3	5924100.0	2.6	-2.4
612618.8	5924100.0	12.9	-12.5
612631.3	5924100.0	2.9	1.7
612643.8	5924100.0	-1.3	28.9
612656.3	5924100.0	1.3	27.4
612668.8	5924100.0	-5.4	9.6
612681.3	5924100.0	-3.6	-2.7
612693.8	5924100.0	8.9	-8.1
612706.3	5924100.0	7.6	-8.8
612718.8	5924100.0	-5.4	-7.9
612731.3	5924100.0	-1.7	0.2

612743.8	5924100.0	3.4	8.6
612756.3	5924100.0	-3	6.7
612768.8	5924100.0	1	1.2
612781.3	5924100.0	1.4	-2.7
612793.8	5924100.0	-5	2.3
612806.3	5924100.0	-0.1	13.6
612818.8	5924100.0	2.2	11.4
612831.3	5924100.0	-8.6	1.2
612843.8	5924100.0	-9.5	-3.2
612856.3	5924100.0	-0.3	-8.8
612868.8	5924100.0	3.2	-13.1
612881.3	5924100.0	2.4	-6.7
612893.8	5924100.0	-1.4	4.2
612906.3	5924100.0	1.4	8.2
612918.8	5924100.0	7.2	2.3
612931.3	5924100.0	3.5	-1.7
612943.8	5924100.0	-3.1	0.1
612956.3	5924100.0	-1.3	2.2
612968.8	5924100.0	1.8	1.2
612981.3	5924100.0	8.8	-1
612993.8	5924100.0	12.9	-3.3
613006.3	5924100.0	3	-4.3
613018.8	5924100.0	-5.6	-0.4
613031.3	5924100.0	-6	-2.7
613043.8	5924100.0	-0.9	-6.2
613050.0	5924100.0	12.6	-0.8
613056.3	5924100.0	29.2	1.9
613068.8	5924100.0	24.2	-4.5
613081.3	5924100.0	12.4	-8
613093.8	5924100.0	7.4	-1.6
613106.3	5924100.0	6.1	0.5
613118.8	5924100.0	14.7	-4.2
613131.3	5924100.0	14.6	1.4
613143.8	5924100.0	6.1	5.6
613156.3	5924100.0	2.2	-2.5
613168.8	5924100.0	2.6	-6.2
613181.3	5924100.0	3	-7.4
613193.8	5924100.0	3.4	-9.1
613206.3	5924100.0	5.4	-3.5
613218.8	5924100.0	2.8	6
613231.3	5924100.0	11.6	5.7
613243.8	5924100.0	19.4	2.1
613256.3	5924100.0	7.8	4.3
613268.8	5924100.0	4.9	1.9
613281.3	5924100.0	11.3	2.8
613293.8	5924100.0	12.8	7.5
613306.3	5924100.0	5.8	4.3

613318.8	5924100.0	-2.8	-2.5
613331.3	5924100.0	-6.5	-3.9
613343.8	5924100.0	-2.1	16.8
613356.3	5924100.0	6	25.9
613368.8	5924100.0	-2.4	11.6
613381.3	5924100.0	-10.1	10.9
613393.8	5924100.0	-6.7	2.2
613406.3	5924100.0	-13.7	-29.6
613418.8	5924100.0	-20.2	-51.9
613431.3	5924100.0	-16.9	-29.7
613443.8	5924100.0	-13.3	-1.2
613456.3	5924100.0	-7.7	-4.4
613468.8	5924100.0	-6.4	-8.6
613481.3	5924100.0	-6.9	-2.9
613493.8	5924100.0	0.2	1.2
613506.3	5924100.0	5	1.8
613518.8	5924100.0	4.5	-3.6
613531.3	5924100.0	6.8	-9.8
613543.8	5924100.0	7.1	-4.9
613556.3	5924100.0	4	2.6
613568.8	5924100.0	-8.5	4.2
613581.3	5924100.0	-14.9	1.2
613593.8	5924100.0	0.4	1.3
613606.3	5924100.0	2	7.3
613618.8	5924100.0	-1.1	7
613631.3	5924100.0	5.3	5.7
613643.8	5924100.0	10.3	5.2
613656.3	5924100.0	16.7	2.1
613668.8	5924100.0	27.2	-2.6
613681.3	5924100.0	36.6	-14.7
613693.8	5924100.0	27.2	-16.9
613706.3	5924100.0	11.6	-4.7
613718.8	5924100.0	7.1	1.7
613731.3	5924100.0	7.1	-1.2
613743.8	5924100.0	7.7	-2.6
613756.3	5924100.0	1.3	2.5
613768.8	5924100.0	-8.5	8.2
613781.3	5924100.0	-14.2	5.1
612337.5	5924150.0	-1.3	-10.7
612362.5	5924150.0	-9	-16.8
612387.5	5924150.0	-3.6	-16
612412.5	5924150.0	1.5	6.3
612437.5	5924150.0	6.4	23.8
612462.5	5924150.0	-1	-0.2
612487.5	5924150.0	-11	-22.1
612512.5	5924150.0	-3.4	-14.8
612537.5	5924150.0	6.7	9.3

612562.5	5924150.0	5.1	16.4
612587.5	5924150.0	-3.1	17.6
612612.5	5924150.0	-7	6
612625.0	5924150.0	-2.7	-26.5
612637.5	5924150.0	-3	-33
612662.5	5924150.0	-0.9	-9.3
612687.5	5924150.0	-0.8	7.7
612712.5	5924150.0	-4.9	10
612737.5	5924150.0	10.2	16.5
612762.5	5924150.0	8.4	-2.6
612787.5	5924150.0	-8.7	-11
612812.5	5924150.0	-0.5	10
612837.5	5924150.0	13.4	6.3
612862.5	5924150.0	11	3.3
612887.5	5924150.0	-0.5	13.2
612912.5	5924150.0	-11.6	2.5
612937.5	5924150.0	-9.3	-19.4
612962.5	5924150.0	5.9	-18.2
612987.5	5924150.0	7.9	-5.1
613012.5	5924150.0	60.9	70.3
613075.0	5924150.0	1.6	2.9
613087.5	5924150.0	-5	-3.8
613100.0	5924150.0	-31.2	-66.3
613137.5	5924150.0	26.1	72.2
613162.5	5924150.0	-6.9	-14.5
613187.5	5924150.0	-24.5	-2.9
613212.5	5924150.0	-21.9	23.1
613237.5	5924150.0	-20	-3.2
613262.5	5924150.0	-31	0.3
613287.5	5924150.0	-40.1	2.8
613312.5	5924150.0	-25.3	-39.5
613337.5	5924150.0	4.3	-29.5
613350.0	5924150.0	16.2	-3.2
613362.5	5924150.0	17.4	-1.8
613375.0	5924150.0	8.8	-18.5
613387.5	5924150.0	-3.8	-22.8
613412.5	5924150.0	5.7	-2.8
613437.5	5924150.0	32.4	-19.1
613462.5	5924150.0	23.1	-28.8
613487.5	5924150.0	3	-11.9
613512.5	5924150.0	-7.6	-21.6
613550.0	5924150.0	-32.7	-38.4
613587.5	5924150.0	-40.2	-23.3
613612.5	5924150.0	-21.8	17.4
613637.5	5924150.0	-11.5	39.8
613662.5	5924150.0	1.4	41.2
613687.5	5924150.0	32.8	54.1

613712.5	5924150.0	17.9	35.1
613750.0	5924150.0	-17.4	-27.9
612337.5	5924200.0	13.8	-0.9
612362.5	5924200.0	1.1	-1.7
612387.5	5924200.0	-9.1	-12.7
612412.5	5924200.0	-6.5	-5.2
612437.5	5924200.0	-0.7	-5.5
612462.5	5924200.0	4.6	-4.4
612487.5	5924200.0	-5.5	9.1
612512.5	5924200.0	-9.3	7.6
612537.5	5924200.0	19.6	-8.2
612562.5	5924200.0	34.9	-16.3
612587.5	5924200.0	29.9	-1.1
612612.5	5924200.0	23.3	9.8
612637.5	5924200.0	6.4	9.1
612662.5	5924200.0	4.1	-7.9
612687.5	5924200.0	11.5	-23.7
612712.5	5924200.0	-4.4	-6.1
612737.5	5924200.0	-20.1	15.3
612762.5	5924200.0	-13.3	8.3
612787.5	5924200.0	-6.1	-5.5
612812.5	5924200.0	-15.5	-8.9
612837.5	5924200.0	-27.4	3.8
612862.5	5924200.0	-7.9	6.7
612887.5	5924200.0	38	-16.8
612912.5	5924200.0	38.3	-13.8
612937.5	5924200.0	-19.7	2.6
612962.5	5924200.0	-116.4	-0.8
612987.5	5924200.0	-163.5	-8.2
613012.5	5924200.0	2.1	7
613037.5	5924200.0	76.6	13.6
613062.5	5924200.0	-76.9	-6.4
613087.5	5924200.0	-80.6	0.1
613112.5	5924200.0	-0.4	10.3
613137.5	5924200.0	-1.1	7.7
613162.5	5924200.0	-8.8	9.3
613187.5	5924200.0	4.4	3.9
613212.5	5924200.0	28.7	-3
613237.5	5924200.0	36.5	-6.4
613262.5	5924200.0	21.1	-2.5
613287.5	5924200.0	2	4.4
613312.5	5924200.0	-8.9	-0.5
613337.5	5924200.0	-10.5	-13.5
613362.5	5924200.0	-8.4	-21.2
613387.5	5924200.0	-3.3	-23.2
613412.5	5924200.0	7.2	-22.5
613437.5	5924200.0	5.4	-14.5

613462.5	5924200.0	3.8	-6.1
613487.5	5924200.0	9.7	-5.5
613512.5	5924200.0	5.1	-2.1
613537.5	5924200.0	5.4	4.3
613562.5	5924200.0	10.6	4
613587.5	5924200.0	2.3	1.8
613612.5	5924200.0	-8.6	6.7
613637.5	5924200.0	-7.8	15.5
613662.5	5924200.0	-6.3	22.2
613687.5	5924200.0	-12.6	22
613712.5	5924200.0	-9.3	11.2
613737.5	5924200.0	-1.3	0.3
613762.5	5924200.0	7.1	-8.7
613787.5	5924200.0	12.6	-12
613812.5	5924200.0	7.1	-5.5
612337.5	5924250.0	-17	-17.6
612362.5	5924250.0	-18	-16
612387.5	5924250.0	3	6.1
612412.5	5924250.0	10.6	11.3
612437.5	5924250.0	3.2	1.2
612462.5	5924250.0	-12.1	-11.4
612487.5	5924250.0	-13.1	-11.6
612512.5	5924250.0	-0.4	-1.2
612537.5	5924250.0	2.9	-0.7
612562.5	5924250.0	5.5	0.1
612587.5	5924250.0	7.8	8.4
612612.5	5924250.0	7.4	12.5
612637.5	5924250.0	5.2	4.7
612662.5	5924250.0	0.9	0.3
612687.5	5924250.0	4.8	1.7
612712.5	5924250.0	-4.2	-8.9
612737.5	5924250.0	-13.9	-9.7
612762.5	5924250.0	-2.4	3.8
612787.5	5924250.0	-1	3
612812.5	5924250.0	-7.5	-7.5
612837.5	5924250.0	-1.2	-2.1
612862.5	5924250.0	8.2	7.1
612887.5	5924250.0	8.1	5.6
612912.5	5924250.0	-5.5	-6.5
612937.5	5924250.0	-10.3	-8.6
612962.5	5924250.0	5.1	14
612987.5	5924250.0	11	12.4
613012.5	5924250.0	6	33.4
613037.5	5924250.0	-22.1	81.2
613062.5	5924250.0	-21.5	14.6
613087.5	5924250.0	75.9	-33.5
613112.5	5924250.0	100.8	40.7

613137.5	5924250.0	17.4	46.8
613162.5	5924250.0	-7.2	10.3
613187.5	5924250.0	2.3	22.1
613212.5	5924250.0	-3.3	47.1
613237.5	5924250.0	-13.5	30.2
613262.5	5924250.0	-13.2	1.1
613287.5	5924250.0	5.5	54.6
613312.5	5924250.0	6.5	29.1
613337.5	5924250.0	-7.10543E-15	-71.6
613362.5	5924250.0	2	-72.1
613387.5	5924250.0	6	-56
613412.5	5924250.0	5.8	-29
613437.5	5924250.0	-5.2	17.4
613462.5	5924250.0	-7.2	-0.5
613487.5	5924250.0	0.7	-28.5
613512.5	5924250.0	-2.4	-2.7
613537.5	5924250.0	-8.8	-0.6
613562.5	5924250.0	-7.3	-20.2
613587.5	5924250.0	-6.2	1.3
613612.5	5924250.0	-3.6	6.9
613637.5	5924250.0	-2.8	-7.2
613662.5	5924250.0	-4	14.4
613687.5	5924250.0	-3.2	47.5
613712.5	5924250.0	9.1	61.1
613737.5	5924250.0	24.3	49.5
613762.5	5924250.0	15.9	10.7
612337.5	5924300.0	5.3	22.5
612362.5	5924300.0	-3.7	57.3
612387.5	5924300.0	1	21.4
612412.5	5924300.0	4	-12.7
612437.5	5924300.0	-0.9	-7.6
612462.5	5924300.0	-1.6	-5.9
612487.5	5924300.0	-3.6	-8.9
612512.5	5924300.0	5.8	-7.3
612537.5	5924300.0	13.4	-6.3
612562.5	5924300.0	0.6	-7.9
612587.5	5924300.0	2.9	-7.4
612612.5	5924300.0	13.1	-6.1
612637.5	5924300.0	12.4	-3.1
612662.5	5924300.0	12.8	2.2
612687.5	5924300.0	4.1	1
612712.5	5924300.0	-4.9	-0.8
612725.0	5924300.0	5.9	4.6
612737.5	5924300.0	20.7	6.3
612762.5	5924300.0	15.6	1.2
612787.5	5924300.0	-1.8	0.5
612812.5	5924300.0	-9.7	3

612837.5	5924300.0	-12.4	-0.4
612862.5	5924300.0	-9.3	-7.3
612887.5	5924300.0	1.5	-11.9
612912.5	5924300.0	4.3	-11.6
612937.5	5924300.0	3.5	3.3
612962.5	5924300.0	-72.6	62.9
612987.5	5924300.0	-149.6	99.6
613012.5	5924300.0	-32.6	0.3
613025.0	5924300.0	118.9	-93.9
613037.5	5924300.0	39.1	-6.1
613062.5	5924300.0	-109.5	87.3
613087.5	5924300.0	-61.5	40.9
613112.5	5924300.0	26	1.9
613137.5	5924300.0	22.9	12.6
613162.5	5924300.0	8.8	9
613187.5	5924300.0	5	7.5
613212.5	5924300.0	8.3	13.4
613237.5	5924300.0	4.8	9.7
613262.5	5924300.0	-6.1	3.6
613287.5	5924300.0	-5.7	-0.4
613312.5	5924300.0	-6.6	-12.6
613337.5	5924300.0	-21.5	-17
613362.5	5924300.0	-18.5	-7.9
613387.5	5924300.0	-1.4	-8.1
613412.5	5924300.0	-2.6	-15.3
613437.5	5924300.0	-0.3	-15.1
613462.5	5924300.0	4.8	-5.4
613487.5	5924300.0	-5.2	2.1
613512.5	5924300.0	-5.6	6.2
613537.5	5924300.0	-0.4	6.2
613562.5	5924300.0	1.3	-1.6
613587.5	5924300.0	4.3	-3.1
613612.5	5924300.0	3.6	1.5
613637.5	5924300.0	-1.3	5
613662.5	5924300.0	1.3	4.4
613687.5	5924300.0	-2.9	9
613712.5	5924300.0	-21.9	22.6
613737.5	5924300.0	-19.5	23.1
613762.5	5924300.0	-10.3	12
613787.5	5924300.0	-17.4	5.8
613812.5	5924300.0	-8.3	3.1
613837.5	5924300.0		
613075.0	5924350.0		
612312.5	5924350.0		
612337.5	5924350.0	0.4	27.7
612362.5	5924350.0	0.9	3.2
612387.5	5924350.0	-0.2	0.3

612412.5	5924350.0	-0.2	-7.2
612437.5	5924350.0	0.9	-3.1
612462.5	5924350.0	0.3	6.8
612487.5	5924350.0	-1	1.4
612512.5	5924350.0	-0.7	-2.8
612537.5	5924350.0	0.5	1.2
612562.5	5924350.0	0.5	2.3
612587.5	5924350.0	-0.3	3.9
612612.5	5924350.0	0.3	0.1
612637.5	5924350.0	0.5	-8.7
612662.5	5924350.0	-0.8	-14.1
612687.5	5924350.0	-1.3	-3.9
612712.5	5924350.0	-1.3	10.9
612737.5	5924350.0	0.1	1.5
612762.5	5924350.0	-0.2	-9.6
612787.5	5924350.0	-1.3	3.7
612812.5	5924350.0	1	12
612837.5	5924350.0	1.6	6.1
612862.5	5924350.0	0.4	-0.5
612875.0	5924350.0	-0.1	-6.4
612887.5	5924350.0	-0.3	-6.3
612912.5	5924350.0	-1.5	-0.7
612937.5	5924350.0	-0.7	0.7
612962.5	5924350.0	2.3	-0.2
612987.5	5924350.0	0.9	0.9
613012.5	5924350.0	-5.4	-29.9
613037.5	5924350.0	-8.6	-63.2
613062.5	5924350.0	7.5	-13
613087.5	5924350.0	20.3	31.7
613112.5	5924350.0	8.4	9.4
613137.5	5924350.0	6.3	9.8
613162.5	5924350.0	2.2	8.7
613187.5	5924350.0	-10	-9.1
613212.5	5924350.0	-9.2	-8.6
613237.5	5924350.0	-5.9	-11.8
613262.5	5924350.0	3.9	-10
613287.5	5924350.0	8.4	1.2
613312.5	5924350.0	6.4	6.1
613337.5	5924350.0	6.5	12
613362.5	5924350.0	-0.5	12.7
613387.5	5924350.0	-6.5	-2.9
613412.5	5924350.0	2.9	-1.9
613437.5	5924350.0	0.4	6.9
613462.5	5924350.0	-15.3	-5.3
613487.5	5924350.0	-4.7	-15.3
613512.5	5924350.0	2.5	-13.8
613537.5	5924350.0	-7.7	1.4

613562.5	5924350.0	-5.4	8.7
613587.5	5924350.0	0.8	6.4
613612.5	5924350.0	1.6	23.1
613637.5	5924350.0	2.6	30
613662.5	5924350.0	0.6	9.3
613687.5	5924350.0	-1	-1.9
613712.5	5924350.0	2.3	3.3
613737.5	5924350.0	1.8	9.7
613762.5	5924350.0	-2.9	6.3
612337.5	5924400.0	4.8	3.4
612362.5	5924400.0	1.6	-2.1
612387.5	5924400.0	-2.5	11.6
612412.5	5924400.0	6.8	8.6
612437.5	5924400.0	8.9	4.5
612462.5	5924400.0	7.3	1.4
612487.5	5924400.0	4.1	-23.8
612512.5	5924400.0	-5.2	-26.7
612537.5	5924400.0	-1.2	-0.8
612562.5	5924400.0	4	13.2
612587.5	5924400.0	-0.9	8.7
612612.5	5924400.0	1.9	3.9
612637.5	5924400.0	6.9	3.7
612662.5	5924400.0	0.9	1.1
612687.5	5924400.0	-1	7.3
612712.5	5924400.0	10.4	2.3
612737.5	5924400.0	11.3	-12.1
612762.5	5924400.0	-2.1	-5.6
612787.5	5924400.0	-4.2	-4.5
612812.5	5924400.0	2.5	-3.5
612837.5	5924400.0	1.2	-2.6
612862.5	5924400.0	1.3	3
612887.5	5924400.0	5.7	16.1
612900.0	5924400.0	4.2	9.7
612912.5	5924400.0	1.5	0.3
612937.5	5924400.0	-1.7	2.4
612962.5	5924400.0	-4.1	0.1
612987.5	5924400.0	1.7	2.4
613012.5	5924400.0	3.1	7.4
613037.5	5924400.0	-9	-18.1
613062.5	5924400.0	-14.1	-29.6
613087.5	5924400.0	-8.3	-12.4
613112.5	5924400.0	-10.2	-1
613137.5	5924400.0	-14.4	3.5
613162.5	5924400.0	-10.6	4.9
613187.5	5924400.0	-8.6	4.6
613212.5	5924400.0	-7.4	-0.8
613237.5	5924400.0	-1.8	6.2

613262.5	5924400.0	4.8	10.1
613287.5	5924400.0	5.4	0.3
613312.5	5924400.0	6.5	-3.1
613337.5	5924400.0	17.8	-7.3
613362.5	5924400.0	18.2	-7.4
613387.5	5924400.0	13.9	-1.2
613412.5	5924400.0	20	-1.4
613437.5	5924400.0	13.1	0.3
613462.5	5924400.0	-8.1	4.2
613487.5	5924400.0	-20.3	3
613512.5	5924400.0	-12.4	0.6
613537.5	5924400.0	0.4	4
613562.5	5924400.0	0.7	6.2
613587.5	5924400.0	3.1	3.2
613612.5	5924400.0	10.7	-3.6
613637.5	5924400.0	8.2	-5.3
613662.5	5924400.0	-5.5	12.6
613687.5	5924400.0	-12.9	14.1
613712.5	5924400.0	-2.8	-0.2
613737.5	5924400.0	11.1	-1.5
613762.5	5924400.0	15.7	-2.4
612325.0	5924450.0	-0.8	-3.9
612337.5	5924450.0	-1.8	5.7
612350.0	5924450.0	-1.7	25.2
612362.5	5924450.0	1.6	11.3
612387.5	5924450.0	1.2	-21.6
612412.5	5924450.0	-0.5	-12.3
612437.5	5924450.0	0.4	0.6
612462.5	5924450.0	0.7	1.4
612487.5	5924450.0	0.7	2.3
612512.5	5924450.0	0.9	-6.1
612537.5	5924450.0	-0.1	-8.9
612562.5	5924450.0	-0.8	1.4
612587.5	5924450.0	-0.2	10.3
612612.5	5924450.0	0	2.3
612637.5	5924450.0	0.1	-7.1
612662.5	5924450.0	0.6	1.4
612675.0	5924450.0	0.3	5.5
612687.5	5924450.0	-1.5	-3.7
612712.5	5924450.0	-1.5	-4.1
612737.5	5924450.0	0.9	3.6
612762.5	5924450.0	-0.2	8.9
612787.5	5924450.0	-1.6	-2.3
612812.5	5924450.0	0.6	-12.8
612837.5	5924450.0	2.1	3.6
612862.5	5924450.0	1.7	10.4
612887.5	5924450.0	0.1	-7.5

612912.5	5924450.0	-1	-8.2
612937.5	5924450.0	-0.6	0.8
612962.5	5924450.0	2	7.8
612987.5	5924450.0	2	12.5
613012.5	5924450.0	-1.5	-2.9
613037.5	5924450.0	-1	-8.9
613062.5	5924450.0	-0.9	0
613087.5	5924450.0	-1.1	-1.5
613112.5	5924450.0	1.4	-4.7
613137.5	5924450.0	1.3	-2.3
613162.5	5924450.0	-0.7	0.6
613187.5	5924450.0	-1.8	4.6
613212.5	5924450.0	-1.2	4.8
613237.5	5924450.0	0.1	-2
613262.5	5924450.0	0.2	-3.1
613287.5	5924450.0	0.3	-0.1
613312.5	5924450.0	0.4	-2.2
613337.5	5924450.0	-0.6	-3.5
613362.5	5924450.0	-0.4	0.4
613387.5	5924450.0	0.5	6.1
613412.5	5924450.0	0.3	3.9
613437.5	5924450.0	-1.1	-3.7
613462.5	5924450.0	-0.6	-3.6
613487.5	5924450.0	1.9	4.1
613512.5	5924450.0	1.4	5.3
613537.5	5924450.0	-0.4	4.3
613562.5	5924450.0	0.7	3.7
613587.5	5924450.0	1	-9.2
613612.5	5924450.0	-1.6	-9.3
613637.5	5924450.0	-1.5	5.1
613662.5	5924450.0	0.7	3.7
613687.5	5924450.0	-1.2	-7.2
613712.5	5924450.0	-2.6	-5.5
613737.5	5924450.0	1.3	17.1
613762.5	5924450.0	2.6	40.5
612337.5	5924500.0	-7.4	10.1
612362.5	5924500.0	5.4	-12.6
612387.5	5924500.0	9.9	-2.9
612412.5	5924500.0	1	26.3
612425.0	5924500.0	-7.4	9
612437.5	5924500.0	-8.3	-16.1
612462.5	5924500.0	-3.4	-11.9
612487.5	5924500.0	-0.5	5.1
612500.0	5924500.0	3.5	0.5
612512.5	5924500.0	5	-4.5
612537.5	5924500.0	6.8	9
612575.0	5924500.0	12.7	4.8

612612.5	5924500.0	7.2	-2.2
612637.5	5924500.0	-5.1	-3.9
612662.5	5924500.0	-6.8	10.3
612687.5	5924500.0	-9.4	28.9
612712.5	5924500.0	-10.7	13.3
612737.5	5924500.0	3	-11.1
612762.5	5924500.0	7.2	-13.6
612787.5	5924500.0	4.2	-4.8
612812.5	5924500.0	8.9	-12.5
612837.5	5924500.0	6.8	-13.5
612862.5	5924500.0	-3.1	8
612887.5	5924500.0	-8.7	-0.4
612912.5	5924500.0	-7.7	-14
612937.5	5924500.0	-7.9	-1.6
612962.5	5924500.0	-11.7	3.8
612987.5	5924500.0	-15.9	-3.7
613012.5	5924500.0	-16.8	-3.5
613037.5	5924500.0	-3.1	14.6
613062.5	5924500.0	7.2	14.8
613087.5	5924500.0	4	1.9
613112.5	5924500.0	1.9	-10.9
613137.5	5924500.0	-3.5	-21.5
613162.5	5924500.0	-3.5	5.3
613187.5	5924500.0	-5.2	19.1
613212.5	5924500.0	-12.9	-4.4
613237.5	5924500.0	-5.1	-5.1
613262.5	5924500.0	4.9	13.1
613287.5	5924500.0	4.4	6.8
613312.5	5924500.0	14.7	-11.7
613337.5	5924500.0	30.5	-18.4
613362.5	5924500.0	35.5	-13.2
613387.5	5924500.0	18.3	4.4
613412.5	5924500.0	-7.7	10.6
613437.5	5924500.0	-9.1	4.2
613462.5	5924500.0	2.6	1.8
613487.5	5924500.0	13.5	8.5
613512.5	5924500.0	21.4	8.2
613537.5	5924500.0	10.7	0
613562.5	5924500.0	-20.7	1.6
613587.5	5924500.0	-30.8	5
613612.5	5924500.0	-12.1	13.5
613637.5	5924500.0	-0.7	2
613662.5	5924500.0	4.9	-19.3
613687.5	5924500.0	6.7	1.4
613712.5	5924500.0	-5.2	19
613737.5	5924500.0	-13.5	-2.6
613762.5	5924500.0	-2.1	-19

612337.5	5924550.0	-0.4	0
612362.5	5924550.0	-0.4	-8.9
612387.5	5924550.0	0.7	-5.5
612412.5	5924550.0	-0.4	-1.1
612425.0	5924550.0	2.1	-5.2
612437.5	5924550.0	-0.9	1.5
612462.5	5924550.0	-3.1	5.4
612487.5	5924550.0	14.2	-2
612512.5	5924550.0	8.3	1.6
612537.5	5924550.0	-7.4	-1
612562.5	5924550.0	-2.4	-18.1
612587.5	5924550.0	8.6	-16.5
612612.5	5924550.0	5.1	15.9
612637.5	5924550.0	-0.9	23.6
612662.5	5924550.0	10.2	-2.7
612687.5	5924550.0	4.1	-3
612712.5	5924550.0	-10.9	5.7
612737.5	5924550.0	-9	-1.4
612762.5	5924550.0	-6.8	-0.2
612787.5	5924550.0	-8	8.4
612812.5	5924550.0	4	8.4
612837.5	5924550.0	17.5	3.3
612862.5	5924550.0	11.8	9.4
612887.5	5924550.0	-1.4	14.6
612912.5	5924550.0	6.6	1.2
612937.5	5924550.0	20	-2.5
612962.5	5924550.0	-1	11.2
612987.5	5924550.0	-11.5	9.7
613012.5	5924550.0	31.3	16.3
613037.5	5924550.0	55.6	34
613062.5	5924550.0	15.9	15.1
613087.5	5924550.0	-10.6	-10.4
613112.5	5924550.0	0.2	-9.3
613137.5	5924550.0	-2.1	-2.7
613162.5	5924550.0	-8.4	0.3
613187.5	5924550.0	-4.6	1
613212.5	5924550.0	-6.2	-4.2
613237.5	5924550.0	4.1	-7.5
613262.5	5924550.0	27.2	-0.8
613287.5	5924550.0	26.2	8
613312.5	5924550.0	7.6	10.3
613325.0	5924550.0	7	7.4
613337.5	5924550.0	12.2	3.9
613350.0	5924550.0	6	14.1
613362.5	5924550.0	6.6	26.2
613387.5	5924550.0	2.1	19.7
613412.5	5924550.0	-2.7	16

613437.5	5924550.0	5	3.8
613462.5	5924550.0	3.2	-17.1
613487.5	5924550.0	-6.2	-28.1
613512.5	5924550.0	-6.9	-31.2
613537.5	5924550.0	-7.9	-14.3
613562.5	5924550.0	5.6	4.5
613587.5	5924550.0	24.3	6.8
613612.5	5924550.0	-5.2	-1.7
613637.5	5924550.0	-28.7	-9.7
613662.5	5924550.0	-15.5	-6.7
613687.5	5924550.0	-12.3	-7.5
613712.5	5924550.0	-13.6	-14.5
613737.5	5924550.0	-15.6	-4
613762.5	5924550.0	-4.4	6.1
612337.5	5924600.0	2	3.3
612362.5	5924600.0	6.9	1.8
612387.5	5924600.0	7.4	8.3
612412.5	5924600.0	-5.6	11
612437.5	5924600.0	-10.8	6.6
612462.5	5924600.0	-2.9	8.8
612487.5	5924600.0	6.5	6.9
612512.5	5924600.0	7.4	-3.2
612537.5	5924600.0	5.5	-11
612562.5	5924600.0	0.7	-0.7
612587.5	5924600.0	-5.3	14.5
612612.5	5924600.0	-1.1	11.3
612637.5	5924600.0	0.6	-0.2
612662.5	5924600.0	-4.2	-6.1
612687.5	5924600.0	-3.7	-3.8
612712.5	5924600.0	2.1	0.8
612737.5	5924600.0	7	1.2
612762.5	5924600.0	1	-0.5
612787.5	5924600.0	3.2	2.5
612812.5	5924600.0	12.1	5.4
612837.5	5924600.0	7.5	2.6
612862.5	5924600.0	5.8	0.9
612875.0	5924600.0	0.1	4.3
612887.5	5924600.0	-5.9	5.9
612912.5	5924600.0	1.1	3.7
612937.5	5924600.0	8.2	5.2
612962.5	5924600.0	10.1	7.3
612987.5	5924600.0	10	4.1
613012.5	5924600.0	22.4	24.8
613037.5	5924600.0	32.2	40.8
613062.5	5924600.0	9.1	11.7
613087.5	5924600.0	-13.2	-11.8
613112.5	5924600.0	-10.4	-7.3

613137.5	5924600.0	-6	2.8
613162.5	5924600.0	-1.1	-1.5
613187.5	5924600.0	2.6	-4.7
613212.5	5924600.0	8.1	-6.8
613237.5	5924600.0	14.4	-9.8
613262.5	5924600.0	6	11.1
613287.5	5924600.0	8.1	24.3
613312.5	5924600.0	30.5	10.2
613337.5	5924600.0	42.5	0.8
613362.5	5924600.0	33	-3.4
613375.0	5924600.0	7	2.9
613387.5	5924600.0	-14	13.4
613412.5	5924600.0	-19.4	2.8
613437.5	5924600.0	-18.4	-6.7
613462.5	5924600.0	-4.7	-8.5
613487.5	5924600.0	2.9	-3
613512.5	5924600.0	-5.4	0.3
613537.5	5924600.0	-6.6	-11.7
613562.5	5924600.0	0.8	-14.5
613587.5	5924600.0	11.1	-2.2
613612.5	5924600.0	8.8	7.7
613637.5	5924600.0	-4.3	18.6
613662.5	5924600.0	-16.2	19.2
613687.5	5924600.0	-41.8	0.4
613712.5	5924600.0	-45	-11.4
613737.5	5924600.0	-11.5	-7.4
613762.5	5924600.0	6.6	-7.8
612337.5	5924650.0	11.7	3.6
612362.5	5924650.0	3.9	-1.3
612387.5	5924650.0	-5.6	2.5
612412.5	5924650.0	-1.1	9.8
612437.5	5924650.0	1.2	9.6
612462.5	5924650.0	-3.1	7.6
612487.5	5924650.0	-0.4	4.1
612512.5	5924650.0	1.7	1.2
612537.5	5924650.0	7.6	-2.6
612562.5	5924650.0	13.9	-6.2
612587.5	5924650.0	-0.5	-1.2
612612.5	5924650.0	-14.2	5
612637.5	5924650.0	-3.3	5.7
612662.5	5924650.0	6.8	1.4
612687.5	5924650.0	5.8	2.5
612712.5	5924650.0	2.9	18.2
612737.5	5924650.0	-4.4	19.8
612762.5	5924650.0	-6.7	1.3
612787.5	5924650.0	5.9	-1.4
612812.5	5924650.0	12.7	3.7

612837.5	5924650.0	4.9	4.8
612862.5	5924650.0	4.5	5.5
612887.5	5924650.0	5.3	4.8
612912.5	5924650.0	2.4	10
612937.5	5924650.0	1.9	4.5
612962.5	5924650.0	0.7	-1.4
612987.5	5924650.0	0.6	15
613012.5	5924650.0	3.8	3.9
613037.5	5924650.0	7.8	-26.2
613062.5	5924650.0	5.2	-18.9
613087.5	5924650.0	4	-4.6
613112.5	5924650.0	2.3	-34.2
613137.5	5924650.0	-1.4	-58.9
613162.5	5924650.0	1.6	-23.9
613187.5	5924650.0	6.3	1.8
613212.5	5924650.0	8.2	2.8
613237.5	5924650.0	5.2	4.6
613262.5	5924650.0	12.6	-0.5
613287.5	5924650.0	30.3	1.6
613312.5	5924650.0	27	12.6
613337.5	5924650.0	13.4	19.3
613362.5	5924650.0	7.4	14.3
613387.5	5924650.0	-6.9	-1.3
613412.5	5924650.0	-12.6	-18.1
613437.5	5924650.0	-4.8	-12.9
613462.5	5924650.0	-5	-2.4
613487.5	5924650.0	-5.1	-5.5
613512.5	5924650.0	-0.3	-6.5
613537.5	5924650.0	2	-5.5
613562.5	5924650.0	2.4	-10.4
613587.5	5924650.0	-2.5	-9.2
613612.5	5924650.0	-6.7	2.9
613637.5	5924650.0	-3.7	12
613662.5	5924650.0	-7.1	8
613687.5	5924650.0	6.9	-2.5
613712.5	5924650.0	27.3	3
613737.5	5924650.0	0.5	3.9
613762.5	5924650.0	-39.5	-23.9
612337.5	5924700.0	-5.3	7.8
612350.0	5924700.0	3.5	7.7
612362.5	5924700.0	8.3	1.2
612387.5	5924700.0	4	-0.9
612412.5	5924700.0	-1.1	6.9
612437.5	5924700.0	-2.2	7.5
612462.5	5924700.0	-1.6	1.4
612487.5	5924700.0	-1.1	3.7
612512.5	5924700.0	-1.2	8.2

612537.5	5924700.0	3.7	3
612562.5	5924700.0	5	1.1
612587.5	5924700.0	3.9	-1.6
612612.5	5924700.0	7.8	-12.7
612637.5	5924700.0	2.5	-6.3
612662.5	5924700.0	-4.4	1.4
612687.5	5924700.0	3.4	0.4
612712.5	5924700.0	10.8	3.4
612737.5	5924700.0	3.6	7.3
612762.5	5924700.0	-3.9	7.3
612787.5	5924700.0	-4.2	0.8
612812.5	5924700.0	-3.3	2
612837.5	5924700.0	5.6	1.8
612862.5	5924700.0	14.2	-4.6
612887.5	5924700.0	4.8	2.3
612912.5	5924700.0	-7	13.2
612937.5	5924700.0	-4.4	11.7
612962.5	5924700.0	-3.5	-0.7
612987.5	5924700.0	-6.9	-5.4
613012.5	5924700.0	28	-41.7
613037.5	5924700.0	60.8	-92.4
613062.5	5924700.0	19.3	-79.4
613087.5	5924700.0	-20.4	-38.8
613112.5	5924700.0	-9.5	-4.3
613137.5	5924700.0	1.3	10.3
613162.5	5924700.0	-5.6	12.7
613187.5	5924700.0	-2.9	4.4
613212.5	5924700.0	9.6	-21.5
613237.5	5924700.0	10.2	-21.1
613262.5	5924700.0	13.2	-1.3
613287.5	5924700.0	14.3	8.1
613312.5	5924700.0	17.8	6.7
613337.5	5924700.0	22.3	1.2
613362.5	5924700.0	6.7	-0.6
613387.5	5924700.0	-9.5	-0.1
613412.5	5924700.0	-11.1	-3.2
613425.0	5924700.0	0.3	-6.7
613437.5	5924700.0	3.6	1.3
613462.5	5924700.0	-11.7	11.5
613487.5	5924700.0	-20.2	4.3
613512.5	5924700.0	-12.6	9.4
613537.5	5924700.0	-1.9	15.6
613562.5	5924700.0	0.8	-10.5
613587.5	5924700.0	-4.4	-16.2
613612.5	5924700.0	-8.2	-7.7
613637.5	5924700.0	0.7	-10.2
613662.5	5924700.0	3.3	14.4

613687.5	5924700.0	-10	42.1
613712.5	5924700.0	-6.4	14.7
613737.5	5924700.0	-5.7	-19.5
613762.5	5924700.0	-14.6	0.2
612337.5	5924750.0	-5.2	2.6
612362.5	5924750.0	7.8	9.5
612387.5	5924750.0	20.4	8.3
612412.5	5924750.0	16	0.6
612437.5	5924750.0	-1.1	6.4
612462.5	5924750.0	-8.1	13.7
612487.5	5924750.0	-5.6	4.3
612512.5	5924750.0	-5.9	2.1
612537.5	5924750.0	-4.6	8
612562.5	5924750.0	1.9	11.2
612587.5	5924750.0	7.7	11
612612.5	5924750.0	1.8	-4.3
612637.5	5924750.0	-19.4	-14.6
612662.5	5924750.0	-20	-6.3
612687.5	5924750.0	-2.1	3.4
612712.5	5924750.0	6.5	5
612737.5	5924750.0	2.7	1.8
612762.5	5924750.0	-2.1	0.2
612787.5	5924750.0	-1.8	1.8
612812.5	5924750.0	-1.5	5.9
612837.5	5924750.0	1.6	5.7
612862.5	5924750.0	0.1	3.9
612887.5	5924750.0	-1.2	5.1
612912.5	5924750.0	-5.3	2.8
612937.5	5924750.0	-10.7	3.3
612962.5	5924750.0	-3	5.6
612987.5	5924750.0	-4.6	1
613012.5	5924750.0	-12.1	-3.1
613037.5	5924750.0	-14	4.2
613062.5	5924750.0	-15.8	7.5
613087.5	5924750.0	-11.5	0.1
613112.5	5924750.0	-8.9	-0.8
613137.5	5924750.0	-6.1	-2.2
613162.5	5924750.0	3.1	-6.9
613187.5	5924750.0	14	-6.8
613212.5	5924750.0	15.4	-10
613237.5	5924750.0	7.8	-14.4
613262.5	5924750.0	7.9	-7
613275.0	5924750.0	6.7	4.5
613287.5	5924750.0	-0.7	3.4
613312.5	5924750.0	5.2	-8.4
613337.5	5924750.0	14.5	-5.7
613362.5	5924750.0	6.1	7.8

613387.5	5924750.0	-5.5	9.1
613412.5	5924750.0	-1.7	4.4
613437.5	5924750.0	2.2	-0.4
613462.5	5924750.0	-7.7	-3
613487.5	5924750.0	-9.3	-3.9
613512.5	5924750.0	-9.4	-2.4
613537.5	5924750.0	-14.6	3.7
613562.5	5924750.0	-8.2	6.5
613587.5	5924750.0	-7	2.1
613612.5	5924750.0	-4.9	-0.7
613637.5	5924750	4	2.2
613662.5	5924750	-0.3	3.8
613687.5	5924750	-12.8	5.4
613712.5	5924750	-12.6	7.3
613737.5	5924750	-2.9	4.1
613762.5	5924750	-1.7	-4.9
612337.5	5924800	-5.7	-7.3
612362.5	5924800	10.3	5.4
612387.5	5924800	12.5	2.3
612412.5	5924800	1.5	3.7
612437.5	5924800	1.6	16.3
612462.5	5924800	11.3	16.4
612487.5	5924800	11.5	11.1
612512.5	5924800	3.9	9.4
612537.5	5924800	-6	4.3
612562.5	5924800	-16.7	5.1
612587.5	5924800	-15.3	3
612612.5	5924800	1.7	-8
612637.5	5924800	1.2	-3.9
612662.5	5924800	-13	4.3
612687.5	5924800	-8.4	0
612712.5	5924800	-1.1	-1.9
612737.5	5924800	5.5	1.1
612762.5	5924800	10.8	4.2
612787.5	5924800	-5.1	3
612812.5	5924800	-12.1	2.7
612837.5	5924800	-6.2	4.6
612862.5	5924800	-8.8	5
612887.5	5924800	-2.5	4
612912.5	5924800	6.7	3
612937.5	5924800	3.3	4
612962.5	5924800	-2	4.6
612987.5	5924800	-0.9	4.8
613012.5	5924800	2.9	4.2
613037.5	5924800	3.1	3.5
613062.5	5924800	1.4	3.8
613087.5	5924800	6.1	2.2

613112.5	5924800	6.2	-3.8
613137.5	5924800	0.1	-2.9
613162.5	5924800	3	3
613175.0	5924800	3.9	-2.6
613187.5	5924800	-6.2	-10.8
613212.5	5924800	-1.7	-9.3
613237.5	5924800	8.4	-6.9
613262.5	5924800	-5.6	-6.6
613287.5	5924800	-9.7	-7
613312.5	5924800	5.8	-11.2
613337.5	5924800	9.2	-8
613362.5	5924800	1.3	4.2
613387.5	5924800	-2	6.7
613412.5	5924800	-5.7	4.9
613437.5	5924800	-13.5	5.7
613462.5	5924800	-16.5	-0.2
613487.5	5924800	-13.9	-3.6
613512.5	5924800	-5.6	-0.7
613537.5	5924800	-2.8	2.1
613562.5	5924800	-4.2	5.3
613587.5	5924800	-3.8	2.9
613612.5	5924800	-1.8	-2.7
613637.5	5924800	2.5	-23.7
613662.5	5924800	9.4	-44.6
613687.5	5924800	15.7	-27.3
613712.5	5924800	15.7	-3.6
613737.5	5924800	1	4.9
613762.5	5924800	-15.9	33.1

APPENDIX 4

-MOLY ZONE GEOPHYSICS-

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610252	5923601	55794.26	56113.14	55681.12
610277	5923601	55698.44	56113.12	55585.32
610302	5923601	55647.91	56113.05	55534.86
610227	5923601	55760.55	56113.2	55647.35
610202	5923601	55793.05	56141.02	55652.03
610202	5923601	55793.86	56141.38	55652.48
610202	5923601	55793.82	56141.59	55652.23
610202	5923601	55757.73	56113.37	55644.36
610176	5923601	55795.41	56142.42	55652.99
610126	5923601	55838.58	56142.31	55696.27
610151	5923601	55818.28	56142.72	55675.56
610101	5923601	55932.89	56140.39	55792.5
610101	5923601	55932.68	56139.83	55792.85
610051	5923601	55784.62	56139.42	55645.2
610051	5923601	55784.19	56139.21	55644.98
610076	5923601	55882.11	56140.15	55741.96
610026	5923601	55844.08	56138.39	55705.69
610001	5923601	55857.28	56137.7	55719.58
609976	5923600	55869.09	56136.75	55732.34
609951	5923600	55834	56135.95	55698.05
609926	5923600	55880.36	56135.58	55744.78
609901	5923600	55887.42	56135.19	55752.23
609876	5923600	55840.39	56134.76	55705.63
609851	5923600	55798.85	56134.4	55664.45
609826	5923600	55784.47	56134.06	55650.41
609801	5923600	55705.28	56133.76	55571.52
609776	5923600	55737.46	56133.48	55603.98
609751	5923600	55728.34	56133.41	55594.93
609726	5923600	55735.19	56132.9	55602.29
609701	5923600	55795.63	56132.52	55663.11
609676	5923600	55843.18	56132.81	55710.37
609650	5923600	55875.33	56132.4	55742.93
609625	5923600	55806.7	56132	55674.7
609600	5923600	55812.37	56132.1	55680.27
609575	5923600	55810.1	56132.85	55677.25
609550	5923600	55849.95	56132.73	55717.22
609525	5923600	55821.7	56132.29	55689.41
609500	5923600	55791.41	56132.04	55659.37
609475	5923600	55756.84	56131.86	55624.98
609450	5923600	55807.12	56131.76	55675.36
609425	5923600	55773.83	56131.95	55641.88
609400	5923600	55805.59	56132.06	55673.53
609600	5923650	55888.53	56138.39	55750.14
609625	5923650	55843.43	56138.77	55704.66
609650	5923650	55837.89	56139.46	55698.43

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609675	5923650	55861.1	56140.92	55720.18
609701	5923650	55825.04	56141.82	55683.22
609726	5923650	55851.38	56142.07	55709.31
609751	5923650	55872.79	56142.18	55730.61
609776	5923650	55823.3	56142.64	55680.66
609801	5923650	55771.68	56143.51	55628.17
609826	5923650	55894.1	56144.11	55749.99
609851	5923650	55935.42	56143.84	55791.58
609876	5923650	55917.81	56144.16	55773.65
609901	5923650	55889.36	56144.44	55744.92
609926	5923651	55913.42	56144.48	55768.94
609951	5923651	55935.31	56144.53	55790.78
609976	5923651	55896.52	56144.54	55751.98
610001	5923651	55945.44	56144.62	55800.82
610026	5923651	55861.61	56146.46	55715.15
610051	5923651	55803.68	56145.81	55657.87
610076	5923651	55688.89	56143.79	55545.1
610101	5923651	55832.62	56144.07	55688.55
610126	5923651	55967.14	56146.68	55820.46
610151	5923651	55850.35	56147.54	55702.81
610176	5923651	55859.36	56147.93	55711.43
610201	5923651	55879.03	56147.33	55731.7
610227	5923651	55666.24	56147.76	55518.48
610252	5923651	55709.24	56148.45	55560.79
610277	5923651	55791.46	56148.79	55642.67
610302	5923651	55637.25	56149.08	55488.17
610327	5923651	55748.36	56149.55	55598.81
610352	5923651	55801.26	56152.18	55649.08
610377	5923651	55773.08	56150.79	55622.29
610402	5923650	55898.37	56149.23	55749.14
610427	5923650	55955.94	56149.25	55806.69
610452	5923650	55981	56150.21	55830.79
610477	5923650	56168.36	56150.76	56017.6
610502	5923650	56222.48	56151.28	56071.2
610527	5923650	55976.84	56150.86	55825.98
610552	5923650	55993.01	56150.51	55842.5
610577	5923650	56047.56	56150.22	55897.34
610602	5923650	55951.39	56150.25	55801.14
610627	5923650	56072.49	56150.19	55922.3
610652	5923650	56230.41	56149.65	56080.76
610677	5923650	56546.7	56148.83	56397.87
610702	5923650	56064.83	56147.51	55917.32
610702	5923650	56065.25	56147.68	55917.57
610727	5923650	56205.02	56148.45	56056.57
610753	5923650	56244.4	56147.97	56096.43

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610778	5923650	55758.66	56147.8	55610.86
610803	5923650	56869.35	56144.09	56725.26
610803	5923650	56873.32	56144.03	56729.29
610828	5923650	56568.24	56141.75	56426.49
610828	5923650	56568.57	56141.61	56426.96
609400	5923700	55805.03	56133.29	55671.74
609425	5923700	55855.17	56133.02	55722.15
609450	5923700	55832.52	56131.58	55700.94
609450	5923700	55832.82	56131.54	55701.28
609475	5923700	55858.29	56131.47	55726.82
609475	5923700	55858.15	56131.41	55726.74
609525	5923700	55854.64	56130.86	55723.78
609550	5923700	55880.99	56130.75	55750.24
609575	5923700	55866.2	56118.53	55747.67
609600	5923700	55867.54	56118.54	55749
609625	5923700	55815.53	56118.69	55696.84
609525	5923650	55851.54	56136.14	55715.4
609550	5923650	55872.78	56137.1	55735.68
609575	5923650	55876.59	56137.61	55738.98
609475	5923650	55827.86	56135.17	55692.69
609500	5923650	55788.63	56135.57	55653.06
609450	5923650	55839.57	56134.68	55704.89
609425	5923650	55780.14	56134.15	55645.99
609400	5923650	55799.66	56133.26	55666.4
609400	5923650	55799.43	56133.38	55666.05
609400	5923650	55799.57	56133.51	55666.06
610778	5923600	56423.94	56125.27	56298.67
610778	5923600	56419.21	56124.97	56294.24
610778	5923600	56417.12	56124.69	56292.43
610728	5923600	41751.24	56122.06	41629.18
610753	5923600	55979.62	56122.99	55856.63
610753	5923600	55984.21	56122.71	55861.5
610677	5923600	55573.79	56121.27	55452.52
610677	5923600	55571.57	56121.16	55450.41
610702	5923600	53447.32	56121.45	53325.87
610652	5923600	56150.17	56115.97	56034.2
610627	5923600	56017.63	56115.73	55901.9
610577	5923600	56260.09	56115.43	56144.66
610602	5923600	56130.1	56115.4	56014.7
610602	5923600	56130.22	56115.44	56014.78
610552	5923600	55980.09	56115.16	55864.93
610552	5923600	55979.19	56115.03	55864.16
610527	5923600	56075.54	56114.91	55960.63
610527	5923600	56074.19	56115.01	55959.18
610502	5923600	56180.38	56114.58	56065.8

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610477	5923600	56213.23	56114.33	56098.9
610452	5923600	55919.1	56114.28	55804.82
610452	5923600	55919.37	56114.29	55805.08
610427	5923601	55773.66	56113.71	55659.95
610402	5923600	55714.33	56113.45	55600.88
610377	5923601	55819.41	56113.18	55706.23
610352	5923601	55762.05	56113.39	55648.66
610327	5923601	55747.69	56113.15	55634.54
610477	5923700	55899.99	56140.59	55759.4
610452	5923700	55973.29	56141.59	55831.7
610427	5923700	55843.09	56142.36	55700.73
610402	5923700	56025.77	56142.3	55883.47
610377	5923701	55841.53	56142.81	55698.72
610352	5923700	55719.7	56143.19	55576.51
610327	5923701	55822.2	56143.96	55678.24
610302	5923701	55627.82	56144.92	55482.9
610277	5923701	55738.81	56145.31	55593.5
610252	5923701	55704.89	56145.32	55559.57
610227	5923701	55844.71	56145.33	55699.38
610202	5923701	55705.87	56113.13	55592.74
610202	5923701	55749.53	56145.26	55604.27
610176	5923701	55742.41	56113.12	55629.29
610151	5923701	55885.11	56113.29	55771.82
610126	5923701	55908.89	56112.8	55796.09
610101	5923701	55758.9	56113.26	55645.64
610076	5923701	55841.73	56113.82	55727.91
610051	5923701	55779.57	56114.36	55665.21
610026	5923701	55794.45	56114.66	55679.79
610001	5923701	55936.09	56114.75	55821.34
609976	5923701	55900.18	56115.96	55784.22
609951	5923701	55888.29	56116.49	55771.8
609926	5923700	55844.4	56116.81	55727.59
609901	5923700	55807.33	56116.97	55690.36
609876	5923700	55867.54	56116.81	55750.73
609851	5923700	55741.19	56116.85	55624.34
609826	5923700	55699.96	56116.99	55582.97
609801	5923700	55728.85	56117.2	55611.65
609751	5923700	55916.92	56117.56	55799.36
609776	5923700	55943.01	56117.76	55825.25
609701	5923700	55839.04	56117.81	55721.23
609726	5923700	55836.54	56117.93	55718.61
609676	5923700	55835.7	56118.21	55717.49
609650	5923700	55760.95	56118.5	55642.45
609876	5923750	55810.72	56134.09	55676.63
609876	5923750	55809.91	56134.14	55675.77

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609901	5923750	55853.67	56133.95	55719.72
609926	5923750	55715.54	56134	55581.54
609951	5923750	55862.92	56134.26	55728.66
609976	5923751	55931.41	56133.9	55797.51
610001	5923751	55875.72	56133.44	55742.28
610026	5923751	56043.37	56133.35	55910.02
610051	5923751	55961.95	56133.21	55828.74
610076	5923751	55910.52	56132.94	55777.58
610101	5923751	55910.1	56133.14	55776.96
610126	5923751	55725.51	56133.11	55592.4
610151	5923751	55797.63	56133.81	55663.82
610151	5923751	55797.81	56133.7	55664.11
610176	5923751	55843.49	56133.83	55709.66
610201	5923751	55750.45	56133.62	55616.83
610201	5923751	55749.74	56133.65	55616.09
610227	5923751	55771.72	56133.52	55638.2
610252	5923751	55753.31	56133.6	55619.71
610277	5923751	55740.87	56133.79	55607.08
610302	5923751	55652.76	56133.44	55519.32
610327	5923751	55718.45	56133.03	55585.42
610352	5923751	55684.88	56132.28	55552.6
610377	5923751	55709.22	56132.84	55576.38
610402	5923751	55966.14	56133.38	55832.76
610427	5923751	55959.64	56133.03	55826.61
610452	5923750	55920.81	56134.72	55786.09
610477	5923750	55907.26	56134.54	55772.72
610502	5923750	55838.05	56134.36	55703.69
610527	5923750	56093.42	56134.63	55958.79
610527	5923750	56093.83	56134.63	55959.2
610552	5923750	55819.99	56134.51	55685.48
610552	5923750	55819.72	56134.59	55685.13
610577	5923750	55879.5	56134.77	55744.73
610602	5923750	56057.68	56134.72	55922.96
610627	5923750	55856.11	56134.93	55721.18
610627	5923750	55855.96	56134.93	55721.03
610652	5923750	56140.15	56135.13	56005.02
610652	5923750	56139.52	56135.17	56004.35
610677	5923750	56390.05	56135.29	56254.76
610677	5923750	56390.87	56135.37	56255.5
610702	5923750	56291.13	56135.37	56155.76
610727	5923750	56334.55	56135.5	56199.05
610753	5923750	56387.61	56135.66	56251.95
610778	5923750	56543.64	56135.62	56408.02
610803	5923750	56533.8	56135.7	56398.1
610828	5923750	56168.37	56135.67	56032.7

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610828	5923750	56168.77	56135.62	56033.15
610853	5923750	56115.04	56135.82	55979.22
610878	5923750	56120.33	56135.92	55984.41
610900	5923750	55822.31	56136.13	55686.18
610900	5923750	55822.89	56136.19	55686.7
609801	5923750	55860.43	56134.36	55726.07
609826	5923750	55807.51	56134.32	55673.19
609851	5923750	56118.69	56134.21	55984.48
609851	5923750	56119.55	56134.14	55985.41
609776	5923750	55880.82	56134.46	55746.36
609751	5923750	55887.44	56134.17	55753.27
609701	5923750	55874.65	56134.26	55740.39
609726	5923750	55971.15	56134.07	55837.08
609676	5923750	55877.29	56134.27	55743.02
609650	5923750	55803.27	56134.07	55669.2
609625	5923750	55833.77	56134	55699.77
609575	5923750	55900.03	56133.96	55766.07
609600	5923750	55858.22	56133.9	55724.32
609525	5923750	55881.25	56133.71	55747.54
609550	5923750	55923.43	56133.78	55789.65
609500	5923750	55877.5	56133.59	55743.91
609475	5923750	55857.67	56133.31	55724.36
609450	5923750	55798.05	56133.22	55664.83
609425	5923750	55829.75	56133.27	55696.48
610900	5923700	55982.84	56136.34	55846.5
610900	5923700	55982.08	56136.07	55846.01
610900	5923700	55981.27	56135.55	55845.72
609400	5923750	55767.13	56133.65	55633.48
609400	5923750	55766.95	56133.58	55633.37
609400	5923750	55766.75	56133.47	55633.28
610878	5923700	56130.47	56136.73	55993.74
610828	5923700	56456.88	56136.78	56320.1
610828	5923700	56455.77	56136.56	56319.21
610853	5923700	56183.29	56137.61	56045.68
610803	5923700	56261.96	56137.34	56124.62
610778	5923700	56275.46	56137.82	56137.64
610753	5923700	56286.5	56138.41	56148.09
610728	5923700	56657.06	56138.97	56518.09
610728	5923700	56657.62	56139.38	56518.24
610702	5923700	56381.6	56139.72	56241.88
610702	5923700	56381.14	56139.91	56241.23
610677	5923700	56233.83	56140.61	56093.22
610652	5923700	56294.84	56140.53	56154.31
610627	5923700	56285.78	56140.82	56144.96
610602	5923700	56418.7	56140.88	56277.82

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610577	5923700	55967.87	56141.04	55826.83
610577	5923700	55967.23	56140.91	55826.32
610552	5923700	55833.97	56141.16	55692.81
610527	5923700	56069.79	56141.02	55928.77
610527	5923700	56069.06	56140.93	55928.13
610502	5923700	55963.44	56140.55	55822.89
609400	5923800	55819.96	56163.8	55656.16
609425	5923800	55882.7	56163.98	55718.72
609450	5923800	55896.77	56164.07	55732.7
609475	5923800	55881.71	56163.89	55717.82
609500	5923800	55837.56	56164.02	55673.54
609525	5923800	55864.91	56163.99	55700.92
609550	5923800	55928.63	56164.13	55764.5
609575	5923800	55883.93	56164.36	55719.57
609600	5923800	55841.96	56164.58	55677.38
609625	5923800	55881.54	56164.65	55716.89
609650	5923800	55824.16	56164.76	55659.4
609675	5923800	55977.61	56164.77	55812.84
609701	5923800	56018.17	56164.71	55853.46
609726	5923800	55922.86	56164.81	55758.05
609726	5923800	55922.98	56164.81	55758.17
609726	5923800	55922.9	56164.75	55758.15
609726	5923800	55886.7	56131.82	55754.88
609751	5923800	55899.12	56131.94	55767.18
609776	5923800	55910.55	56131.94	55778.61
609801	5923800	56003.14	56132.13	55871.01
609826	5923800	55960.62	56132.32	55828.3
609826	5923800	55960.75	56132.16	55828.59
609851	5923800	55749.04	56132.92	55616.12
609876	5923800	55790.76	56133.08	55657.68
609901	5923800	55895.77	56132.98	55762.79
609926	5923800	55804	56132.77	55671.23
609951	5923800	55877.63	56132.9	55744.73
609976	5923800	55939.53	56132.71	55806.82
610001	5923801	55901.9	56132.68	55769.22
610026	5923801	56056.63	56132.62	55924.01
610051	5923801	55936.02	56132.49	55803.53
610076	5923801	55801.08	56132.16	55668.92
610101	5923801	55869.15	56132.18	55736.97
610126	5923801	55809.55	56132.14	55677.41
610151	5923801	55741.56	56132.22	55609.34
610176	5923801	55763.61	56132.5	55631.11
610201	5923801	55751.74	56132.57	55619.17
610226	5923801	55812.8	56132.86	55679.94
610252	5923801	55866.98	56133.07	55733.91

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610277	5923801	55751.22	56133.17	55618.05
610302	5923801	55774.88	56133.15	55641.73
610327	5923801	55675.03	56133.25	55541.78
610352	5923801	55633.63	56133.64	55499.99
610377	5923801	55644.17	56133.68	55510.49
610377	5923801	55644.37	56133.61	55510.76
610402	5923800	55949.92	56134.09	55815.83
610427	5923801	56039.65	56134.62	55905.03
610452	5923800	56176.8	56134.5	56042.3
610477	5923800	56224.84	56134.4	56090.44
610502	5923800	56234.82	56134.46	56100.36
610502	5923800	56233.71	56134.4	56099.31
610527	5923800	55703.71	56134.84	55568.87
610527	5923800	55703.93	56134.76	55569.17
610552	5923800	55985.53	56135.08	55850.45
610577	5923800	56039.98	56135.34	55904.64
610602	5923800	55930.93	56135.45	55795.48
610627	5923800	55960.45	56135.73	55824.72
610652	5923800	56050.37	56136.15	55914.22
610652	5923800	56049.43	56135.99	55913.44
610677	5923800	56509.05	56136.18	56372.87
610677	5923800	56508.54	56136.23	56372.31
610702	5923800	56147.05	56136.31	56010.74
610727	5923800	56144.46	56136.33	56008.13
610727	5923800	56144.59	56136.4	56008.19
610752	5923800	56453.04	56136.76	56316.28
610778	5923800	56030.4	56136.75	55893.65
610803	5923800	56054.46	56136.75	55917.71
610828	5923800	56197.3	56137.35	56059.95
610853	5923800	56389.11	56137.73	56251.38
610853	5923800	56390.4	56137.39	56253.01
610878	5923800	55745.53	56137.34	55608.19
610900	5923800	55797.53	56138.22	55659.31
610900	5923800	55797.22	56137.74	55659.48
610900	5923800	55797.25	56137.72	55659.53
609400	5923900	55862.16	56163.44	55698.72
609400	5923900	55861.95	56163.36	55698.59
609400	5923900	55862.3	56163.38	55698.92
609425	5923900	55878.51	56163.29	55715.22
609450	5923900	55926.86	56163.23	55763.63
609450	5923900	55928.85	56162.3	55766.55
609475	5923900	55982.07	56162.24	55819.83
609500	5923900	55953.54	56162.05	55791.49
609525	5923900	55919.97	56161.77	55758.2
609550	5923900	55931.5	56161.35	55770.15

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609575	5923900	55963.93	56161.01	55802.92
609600	5923900	56050.34	56160.83	55889.51
609625	5923900	55922.61	56160.91	55761.7
609650	5923900	55866.01	56160.06	55705.95
609675	5923900	55900.35	56159.63	55740.72
609701	5923900	55938.22	56159.23	55778.99
609726	5923900	55979	56158.69	55820.31
609751	5923900	56041.68	56158.35	55883.33
609776	5923900	55877.87	56158.25	55719.62
609801	5923900	55918.86	56157.79	55761.07
609826	5923900	55955.05	56157.44	55797.61
609851	5923900	55929.37	56157.24	55772.13
609876	5923900	55973.03	56157.21	55815.82
609901	5923900	55995.77	56157.12	55838.65
609926	5923900	55965.97	56157.13	55808.84
609951	5923901	56004.61	56156.92	55847.69
609976	5923901	56179.12	56156.94	56022.18
610001	5923901	55675.64	56157	55518.64
610026	5923901	55792.22	56156.79	55635.43
610051	5923901	55847.87	56156.64	55691.23
610076	5923901	55909.58	56156.23	55753.35
610101	5923901	55876.59	56155.9	55720.69
610126	5923901	55828.08	56155.6	55672.48
610151	5923901	55715.15	56155.31	55559.84
610176	5923901	55805.95	56155	55650.95
610201	5923901	55692.7	56154.64	55538.06
610226	5923901	55731.88	56154.66	55577.22
610252	5923901	55842.97	56154.45	55688.52
610277	5923901	55898.29	56154.2	55744.09
610302	5923901	55858.8	56154	55704.8
610327	5923901	55792.04	56153.62	55638.42
610352	5923900	55818.5	56153.48	55665.02
610377	5923901	55920.12	56153.46	55766.66
610402	5923900	56058.62	56153.23	55905.39
610427	5923900	55909.76	56152.99	55756.77
610452	5923900	55789.38	56152.79	55636.59
610477	5923900	55847.02	56152.66	55694.36
610502	5923900	55947.22	56152.39	55794.83
610527	5923900	55799.83	56151.95	55647.88
610552	5923900	55827.8	56151.7	55676.1
610577	5923900	55993.02	56151.38	55841.64
610602	5923900	55886.23	56151.04	55735.19
610627	5923900	56030.2	56150.55	55879.65
610652	5923900	56282.9	56150.35	56132.55
610652	5923900	56283.33	56150.33	56133

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610677	5923900	56110.14	56149.21	55960.93
610702	5923900	56065.9	56148.78	55917.12
610727	5923900	55989.73	56148.68	55841.05
610752	5923900	56135.74	56147.14	55988.6
610752	5923900	56135.67	56146.92	55988.75
610778	5923900	56318.94	56146.65	56172.29
610803	5923900	56101.28	56146.22	55955.06
610828	5923900	55895.34	56145.6	55749.74
610828	5923900	55895.24	56145.54	55749.7
610853	5923900	55901.17	56145.42	55755.75
610878	5923900	55938.73	56145.35	55793.38
610900	5923900	55949.41	56145.18	55804.23
609400	5924000	55893.86	56129.08	55764.78
609425	5924000	55937.47	56129.07	55808.4
609450	5924000	55879.82	56129.08	55750.74
609475	5924000	55887.52	56129.09	55758.43
609500	5924000	56082.32	56129.07	55953.25
609525	5924000	55767.02	56129.13	55637.89
609550	5924000	55825.83	56129.1	55696.73
609575	5924000	55875.93	56129.21	55746.72
609600	5924000	55928.97	56129.14	55799.83
609625	5924000	55975.12	56129.21	55845.91
609650	5924000	56019.16	56129.21	55889.95
609675	5924000	56006.45	56129.17	55877.28
609675	5924000	56010.12	56129.28	55880.84
609701	5924000	56030.73	56128.89	55901.84
609701	5924000	56030.7	56128.94	55901.76
609701	5924000	56030.75	56128.96	55901.79
609751	5924000	55993.15	56163.77	55829.38
609776	5924000	56021.68	56163.88	55857.8
609801	5924000	56057.88	56163.49	55894.39
609826	5924000	56025.1	56163.34	55861.76
609851	5924000	55937.28	56162.96	55774.32
609876	5924000	56034.65	56162.68	55871.97
609901	5924000	56013.57	56162.28	55851.29
609926	5924000	55908	56161.87	55746.13
609951	5924000	55851.3	56161.48	55689.82
609976	5924000	55801.17	56161.19	55639.98
610001	5924001	55699.24	56160.52	55538.72
610026	5924001	55930.02	56160.2	55769.82
610051	5924001	55959.13	56159.91	55799.22
610076	5924001	55879.16	56159.31	55719.85
610076	5924001	55879.52	56159.36	55720.16
610126	5924001	56010	56157.88	55852.12
610126	5924001	56010.87	56157.87	55853

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610151	5924001	55791.42	56157.41	55634.01
610151	5924001	55791.33	56157.45	55633.88
610176	5924001	55815.62	56156.44	55659.18
610201	5924001	55875.06	56156.3	55718.76
610226	5924001	55876.62	56156.22	55720.4
610252	5924001	55927.03	56156.09	55770.94
610277	5924001	55817.16	56155.64	55661.52
610302	5924001	55826.08	56155.69	55670.39
610327	5924001	55771.57	56155.23	55616.34
610352	5924001	55556.12	56154.97	55401.15
610377	5924001	55597.19	56154.52	55442.67
610402	5924000	56015.91	56154.23	55861.68
610427	5924001	55903.28	56154.03	55749.25
610452	5924000	56029.16	56153.54	55875.62
610477	5924000	55904.04	56153.31	55750.73
610502	5924000	56020.72	56153.08	55867.64
610527	5924000	55960.31	56152.98	55807.33
610552	5924000	56105.68	56152.53	55953.15
610552	5924000	56106.05	56152.65	55953.4
610577	5924000	55606.38	56150.73	55455.65
610577	5924000	55605.9	56150.93	55454.97
610602	5924000	55835.35	56150.21	55685.14
610627	5924000	55866.79	56149.74	55717.05
610652	5924000	56017.69	56149.37	55868.32
610677	5924000	55979.6	56149.02	55830.58
610677	5924000	55978.73	56149.06	55829.67
610702	5924000	56310.15	56148.38	56161.77
610702	5924000	56308.86	56148.48	56160.38
610727	5924000	55886.69	56147.69	55739
610727	5924000	55886.36	56147.83	55738.53
610752	5924000	56094.1	56147.56	55946.54
610777	5924000	55894.44	56147.37	55747.07
610803	5924000	55958.13	56147.05	55811.08
610828	5924000	55971.96	56146.94	55825.02
610853	5924000	55880.26	56146.12	55734.14
610878	5924000	55831.31	56146.82	55684.49
610900	5924000	55899.81	56144.32	55755.49
610900	5924000	55899.87	56144.43	55755.44
610900	5924000	55900.13	56144.5	55755.63
609400	5924100	56037.24	56129.33	55907.91
609400	5924100	56039.66	56129.32	55910.34
609400	5924100	56040.3	56129.3	55911
609425	5924100	55888.19	56129.24	55758.95
609450	5924100	55878.64	56129.26	55749.38
609475	5924100	55859.34	56129.52	55729.82

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609500	5924100	55922.97	56129.55	55793.42
609525	5924100	55987.93	56129.82	55858.11
609550	5924100	56058.28	56130.45	55927.83
609550	5924100	56058.6	56130.44	55928.16
609575	5924100	56273.32	56130.46	56142.86
609600	5924100	55796.77	56130.42	55666.35
609600	5924100	55799.63	56130.39	55669.24
609625	5924100	55898.96	56130.5	55768.46
609650	5924100	56207.01	56130.39	56076.62
609650	5924100	56206.49	56130.29	56076.2
609676	5924100	55802.17	56130.15	55672.02
609676	5924100	55804.06	56130.44	55673.62
609701	5924100	55817.54	56130.41	55687.13
609726	5924100	55758.97	56130.23	55628.74
609851	5924100	55889.37	56131.77	55757.6
609876	5924100	55902.66	56131.94	55770.72
609901	5924100	55833.7	56132.02	55701.68
609926	5924100	55837.24	56132.43	55704.81
609951	5924101	56007.83	56132.73	55875.1
609976	5924101	56024.89	56132.77	55892.12
610001	5924101	55913.9	56133.28	55780.62
610001	5924101	55914.3	56133.22	55781.08
610026	5924101	55817.02	56133.63	55683.39
610051	5924101	55875.79	56133.91	55741.88
610076	5924101	55835.08	56134.34	55700.74
610101	5924101	55685.86	56134.48	55551.38
610126	5924101	55586.41	56134.62	55451.79
610151	5924101	55754.92	56135.18	55619.74
610176	5924101	55708.35	56135.75	55572.6
610201	5924101	56026	56136.32	55889.68
610201	5924101	56025.64	56136.22	55889.42
610226	5924101	55734.8	56136.03	55598.77
610226	5924101	55734.88	56135.85	55599.03
610252	5924101	55707.33	56136	55571.33
610277	5924101	55589.02	56136.98	55452.04
610302	5924101	55533.17	56137.65	55395.52
610327	5924101	55528.25	56138.68	55389.57
610352	5924100	55877.6	56139.27	55738.33
610352	5924100	55878.14	56139.33	55738.81
610377	5924101	55862.78	56139.73	55723.05
610377	5924101	55862.56	56139.72	55722.84
610402	5924100	55959.47	56139.67	55819.8
610427	5924100	55996.57	56139.84	55856.73
610427	5924100	55996.58	56139.82	55856.76
610452	5924100	55930.29	56139.85	55790.44

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610477	5924100	55791.16	56139.96	55651.2
610502	5924100	55948.84	56140.41	55808.43
610527	5924100	55966.71	56140.99	55825.72
610552	5924100	55936.78	56141.21	55795.57
610577	5924100	55811.28	56141.37	55669.91
610602	5924100	55765.7	56141.7	55624
610627	5924100	55919.35	56141.28	55778.07
610627	5924100	55919.16	56141.32	55777.84
610652	5924100	55859.68	56140.99	55718.69
610677	5924100	55933.27	56141.56	55791.71
610702	5924100	55945.58	56141.82	55803.76
610727	5924100	56060.48	56141.65	55918.83
610752	5924100	56111.12	56141.63	55969.49
610777	5924100	55955.99	56141.98	55814.01
610803	5924100	55877.46	56142.1	55735.36
610828	5924100	56073.88	56142.68	55931.2
610853	5924100	55933.84	56143.29	55790.55
610878	5924100	55937.7	56143.38	55794.32
610900	5924100	55887.26	56143.65	55743.61
609200	5923600	55812.43	56158.77	55653.66
609225	5923600	55786.99	56159.11	55627.88
609250	5923600	55715.53	56159.6	55555.93
609275	5923600	55815.17	56159.97	55655.2
609300	5923600	55865.61	56160.22	55705.39
609325	5923600	55911.66	56160.38	55751.28
609350	5923600	55886.33	56160.47	55725.86
609375	5923600	55812.03	56160.96	55651.07
609400	5923600	55816.28	56161.23	55655.05
609200	5923650	55832.16	56157.91	55674.25
609225	5923650	55848.18	56157.52	55690.66
609250	5923650	55906.53	56157.29	55749.24
609275	5923650	55884.96	56157.06	55727.9
609300	5923650	55869.63	56157.08	55712.55
609325	5923650	55860.33	56156.66	55703.67
609350	5923650	55845.62	56156.56	55689.06
609375	5923650	55817.46	56156.35	55661.11
609400	5923650	55808.08	56156.32	55651.76
609200	5923700	55780.46	56154.34	55626.12
609225	5923700	55755.45	56154.67	55600.78
609250	5923700	55731.97	56154.98	55576.99
609275	5923700	55753.78	56155.16	55598.62
609300	5923700	55767.64	56155.29	55612.35
609325	5923700	55828.99	56155.55	55673.44
609350	5923700	55821.73	56155.7	55666.03
609375	5923700	55858.3	56155.73	55702.57

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609400	5923700	55809.52	56156.09	55653.43
609200	5923750	55821.6	56153.87	55667.73
609225	5923750	55801.37	56153.39	55647.98
609250	5923750	55754.94	56153.12	55601.82
609275	5923750	55786.11	56152.68	55633.43
609300	5923750	55817.57	56152.28	55665.29
609325	5923750	55794.71	56151.98	55642.73
609350	5923750	55791.49	56151.74	55639.75
609375	5923750	55860.5	56151.45	55709.05
609400	5923750	55780.71	56151.54	55629.17
609200	5923800	55746.56	56146.99	55599.57
609225	5923800	55763.91	56147.41	55616.5
609250	5923800	55788.28	56148.06	55640.22
609275	5923800	55791.34	56148.73	55642.61
609300	5923800	55803.45	56149.02	55654.43
609325	5923800	55753.46	56149.29	55604.17
609350	5923800	55785.28	56149.37	55635.91
609375	5923800	55820.8	56149.72	55671.08
609400	5923800	55787.93	56150.14	55637.79
609200	5923850	55777.84	56162.35	55615.49
609200	5923850	55777.98	56162.47	55615.51
609200	5923850	55778.32	56162.61	55615.71
609225	5923850	55777.86	56162.9	55614.96
609250	5923850	55922.39	56163.21	55759.18
609275	5923850	55877.12	56163.22	55713.9
609300	5923850	55888	56163.39	55724.61
609325	5923850	55877.62	56163.63	55713.99
609350	5923850	55881.05	56163.69	55717.36
609375	5923850	55883.68	56163.7	55719.98
609400	5923850	55818.52	56163.82	55654.7
609425	5923850	55849.8	56164	55685.8
609450	5923850	55867.21	56163.92	55703.29
609475	5923850	55859.74	56163.95	55695.79
609500	5923850	55834.25	56164.01	55670.24
609525	5923850	55868.22	56164.01	55704.21
609550	5923850	55910.91	56164.13	55746.78
609575	5923850	55909.38	56164.38	55745
609600	5923850	55922.18	56164.62	55757.56
609625	5923850	55944.08	56164.57	55779.51
609650	5923850	56054.97	56164.62	55890.35
609675	5923850	55838.75	56164.76	55673.99
609700	5923850	55876.2	56128.81	55747.39
609700	5923850	55876.18	56128.87	55747.31
609700	5923850	55876.37	56128.95	55747.42
609725	5923850	55906.99	56164.95	55742.04

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609725	5923850	55907.06	56164.91	55742.15
609725	5923850	55906.86	56165.02	55741.84
609725	5923850	55867.06	56129.21	55737.85
609750	5923850	55835.42	56129.57	55705.85
609775	5923850	55994.93	56129.87	55865.06
609800	5923850	55753.93	56129.98	55623.95
609825	5923850	55788.75	56130.21	55658.54
609850	5923850	55800.02	56130.39	55669.63
609875	5923850	55845.67	56130.64	55715.03
609900	5923850	55854.19	56130.8	55723.39
609925	5923850	55912.34	56131.05	55781.29
609950	5923850	55843.35	56131.3	55712.05
609975	5923850	55969.19	56131.46	55837.73
610000	5923850	55953.33	56131.54	55821.79
610025	5923850	56003.39	56131.96	55871.43
610050	5923850	55726.35	56131.96	55594.39
610075	5923850	55852.6	56132.12	55720.48
610100	5923850	55763.54	56132.48	55631.06
610125	5923850	55781.48	56132.91	55648.57
610150	5923850	55808.67	56132.83	55675.84
610175	5923850	55756.83	56132.76	55624.07
610200	5923850	55780.81	56132.84	55647.97
610225	5923850	55684.26	56132.76	55551.5
610250	5923850	55897.14	56132.71	55764.43
610275	5923850	55787.4	56132.64	55654.76
610300	5923850	55778.89	56132.47	55646.42
610325	5923850	55718.81	56132.24	55586.57
610350	5923850	55828.14	56132.11	55696.03
610375	5923850	55844.08	56132.18	55711.9
610400	5923850	55867.97	56132.11	55735.86
610425	5923850	55865.58	56132.58	55733
610450	5923850	56000.37	56132.81	55867.56
610475	5923850	55783.76	56133.15	55650.61
610500	5923850	55877.9	56133.17	55744.73
610525	5923850	55896.83	56133.15	55763.68
610550	5923850	55759.13	56133.49	55625.64
610575	5923850	55905.51	56133.64	55771.87
610600	5923850	55992.08	56133.65	55858.43
610625	5923850	55908.16	56133.91	55774.25
610650	5923850	55990.97	56134.09	55856.88
610675	5923850	56230.71	56134.42	56096.29
610700	5923850	55867.83	56134.46	55733.37
610725	5923850	56023.95	56134.76	55889.19
610750	5923850	56071.78	56135.24	55936.54
610775	5923850	56039.55	56135.68	55903.87

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610800	5923850	56132.17	56136.07	55996.1
610825	5923850	56416.44	56136.64	56279.8
610825	5923850	56415.66	56136.44	56279.22
610850	5923850	55788.74	56136.89	55651.85
610875	5923850	55870.99	56137.35	55733.64
610900	5923850	55946.26	56137.43	55808.83
610900	5923850	55945.94	56137.34	55808.6
610900	5923850	55946.46	56137.76	55808.7
609200	5923900	55798.28	56146.67	55651.61
609225	5923900	55826.14	56146.35	55679.79
609250	5923900	55847.07	56146.17	55700.9
609275	5923900	55801.53	56145.62	55655.91
609300	5923900	55868.45	56145.48	55722.97
609325	5923900	55897.73	56145.07	55752.66
609350	5923900	55791.99	56144.49	55647.5
609375	5923900	55870.64	56144.04	55726.6
609400	5923900	55835.67	56144.15	55691.52
609200	5923950	55822.94	56161.81	55661.13
609200	5923950	55822.63	56161.78	55660.85
609200	5923950	55822.5	56161.55	55660.95
609225	5923950	55847.01	56161.18	55685.83
609250	5923950	55904.9	56160.86	55744.04
609275	5923950	55922.81	56160.91	55761.9
609300	5923950	55874.64	56159.53	55715.11
609325	5923950	55903.01	56159.09	55743.92
609350	5923950	55973.5	56158.49	55815.01
609375	5923950	55835.75	56158.22	55677.53
609400	5923950	55909.24	56157.79	55751.45
609425	5923950	55844.44	56157.51	55686.93
609450	5923950	55922.18	56157.24	55764.94
609475	5923950	55959.4	56157.22	55802.18
609500	5923950	55899.83	56157.12	55742.71
609525	5923950	55905.33	56156.97	55748.36
609550	5923950	56144.32	56156.92	55987.4
609575	5923950	55920.9	56156.89	55764.01
609600	5923950	55805.47	56156.76	55648.71
609625	5923950	55874.96	56156.66	55718.3
609650	5923950	55934.98	56156.37	55778.61
609675	5923950	56009.02	56156.29	55852.73
609700	5923950	56133.77	56155.97	55977.8
609725	5923950	56091.1	56155.54	55935.56
609750	5923950	55886.19	56155.45	55730.74
609775	5923950	55949.31	56155.17	55794.14
609800	5923950	55962.84	56155.15	55807.69
609825	5923950	55992.76	56155.07	55837.69

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
609850	5923950	55952.75	56154.91	55797.84
609875	5923950	55982.23	56154.9	55827.33
609900	5923950	55977.55	56154.89	55822.66
609925	5923950	55853.38	56154.68	55698.7
609950	5923950	55891.33	56154.55	55736.78
609975	5923950	55797.39	56154.42	55642.97
610000	5923950	55758.49	56154.18	55604.31
610025	5923950	55828.27	56153.86	55674.41
610050	5923950	55783.07	56153.62	55629.45
610075	5923950	55749.09	56153.46	55595.63
610100	5923950	55790.35	56153.47	55636.88
610125	5923950	55859.06	56153.24	55705.82
610150	5923950	55822.28	56152.99	55669.29
610175	5923950	55576.35	56152.65	55423.7
610200	5923950	55996.35	56152.31	55844.04
610225	5923950	55939.43	56151.82	55787.61
610250	5923950	55967.11	56151.52	55815.59
610275	5923950	55983.36	56151.38	55831.98
610300	5923950	55712.84	56151.07	55561.77
610325	5923950	55755.83	56150.85	55604.98
610350	5923950	55819.52	56150.55	55668.97
610375	5923950	55970.13	56150.32	55819.81
610400	5923950	55623.68	56149.83	55473.85
610425	5923950	55760.65	56149.45	55611.2
610450	5923950	55824.68	56148.95	55675.73
610475	5923950	55638.18	56148.68	55489.5
610500	5923950	55844.89	56148.41	55696.48
610525	5923950	55907.62	56147.57	55760.05
610550	5923950	55948.97	56147.37	55801.6
610575	5923950	55900.48	56146.88	55753.6
610600	5923950	56084.7	56146.43	55938.27
610625	5923950	56040.84	56146.26	55894.58
610650	5923950	55830.93	56145.52	55685.41
610675	5923950	55941.25	56145.21	55796.04
610700	5923950	55901.96	56144.73	55757.23
610725	5923950	56062.34	56143.95	55918.39
610750	5923950	56258.88	56143.52	56115.36
610775	5923950	55875.19	56143.06	55732.13
610775	5923950	55875.02	56142.79	55732.23
610800	5923950	55866.17	56142.54	55723.63
610825	5923950	55984.06	56142.28	55841.78
610850	5923950	55931.34	56142.17	55789.17
610875	5923950	55953.6	56141.98	55811.62
610900	5923950	55946.98	56141.74	55805.24
610900	5923950	55949.36	56141.63	55807.73

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610900	5923950	55947.64	56141.64	55806
609200	5924000	55833.5	56141.64	55691.86
609225	5924000	55850.56	56141.75	55708.81
609250	5924000	55865.72	56141.96	55723.76
609275	5924000	55896.31	56142.02	55754.29
609300	5924000	55894.56	56141.89	55752.67
609325	5924000	55884.49	56142.66	55741.83
609350	5924000	55895.56	56142.94	55752.62
609375	5924000	55917.49	56143.27	55774.22
609400	5924000	55917.93	56143.76	55774.17
609200	5924050	55894.56	56141.38	55753.18
609225	5924050	55885.5	56141.45	55744.05
609250	5924050	55906.88	56141.61	55765.27
609275	5924050	55850.07	56141.32	55708.75
609300	5924050	55886.56	56141.38	55745.18
609325	5924050	55941.79	56141.5	55800.29
609350	5924050	55969.07	56141.52	55827.55
609375	5924050	56011.73	56141.34	55870.39
609400	5924050	56010.96	56141.33	55869.63
609425	5924050	55983.97	56141.13	55842.84
609450	5924050	56525.09	56140.96	56384.13
609475	5924050	55639.53	56140.97	55498.56
609500	5924050	55836.88	56140.44	55696.44
609525	5924050	55870.04	56140.48	55729.56
609550	5924050	55909.04	56140.34	55768.7
609575	5924050	55946.71	56139.98	55806.73
609600	5924050	56098.68	56139.99	55958.69
609625	5924050	56427.87	56140.15	56287.72
609650	5924050	55760.29	56139.78	55620.51
609675	5924050	55868.68	56139.91	55728.77
609700	5924050	55863	56139.67	55723.33
609725	5924050	55791.49	56139.65	55651.84
609750	5924050	55834.6	56139.69	55694.91
609775	5924050	55964.29	56139.65	55824.64
609800	5924050	55808.5	56139.38	55669.12
609825	5924050	56005.72	56139.23	55866.49
609850	5924050	55870.55	56139.09	55731.46
609875	5924050	55788.86	56138.61	55650.25
609900	5924050	55809.24	56138.39	55670.85
609925	5924050	55795.99	56138.08	55657.91
609950	5924050	55826.96	56136.98	55689.98
609975	5924050	55810.52	56136.05	55674.47
610000	5924050	55675.58	56136.22	55539.36
610000	5924050	55675.93	56136.27	55539.66
610025	5924050	55627.99	56136.45	55491.54

East NAD83_Z9	North NAD83_Z9	Mag raw_nT	Mag base_nT	Mag corec_nT
610050	5924050	55888.82	56136.7	55752.12
610075	5924050	55865.29	56136.33	55728.96
610100	5924050	55775.14	56136.05	55639.09
610125	5924050	55882.42	56134.57	55747.85
610150	5924050	55817.65	56134.52	55683.13
610175	5924050	55771.03	56134.41	55636.62
610200	5924050	55963.23	56133.92	55829.31
610225	5924050	55696.29	56133.53	55562.76
610250	5924050	55641.07	56133.93	55507.14
610275	5924050	55591.28	56133.32	55457.96
610300	5924050	55476.3	56133.13	55343.17
610325	5924050	55589.66	56133.41	55456.25
610350	5924050	55699.78	56133.17	55566.61
610375	5924050	55771.22	56132.67	55638.55
610400	5924050	55851.3	56132.71	55718.59
610425	5924050	55761.81	56132.68	55629.13
610450	5924050	55884.49	56132.43	55752.06
610475	5924050	55737.72	56132	55605.72
610500	5924050	56005.97	56131.75	55874.22
610525	5924050	55934.55	56131.43	55803.12
610550	5924050	55939.44	56131.63	55807.81
610575	5924050	56029.01	56131.62	55897.39
610600	5924050	55910.89	56130.39	55780.5
610625	5924050	56127.67	56130.2	55997.47
610650	5924050	56020.6	56130.31	55890.29
610675	5924050	55806.1	56130.24	55675.86
610700	5924050	55904.06	56130.25	55773.81
610725	5924050	55886.38	56130.41	55755.97
610750	5924050	56145.07	56130.3	56014.77
610775	5924050	55890.02	56130.47	55759.55
610800	5924050	55994.35	56130.57	55863.78
610825	5924050	55965.42	56130.58	55834.84
610850	5924050	55985.95	56130.66	55855.29
610875	5924050	55972.81	56129.62	55843.19
610900	5924050	55889.56	56129.25	55760.31
610900	5924050	55890.19	56129.25	55760.94
610900	5924050	55890.39	56129.22	55761.17

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609250	5923600	24.8	-27.6	6.1	20	87	2.7
609275	5923600	24.8	-22.2	5.5	28	89	2.8
609300	5923600	24.8	-26.1	4.7	27	94	3
609325	5923600	24.8	-24.7	1.9	27	96	3
609350	5923600	24.8	-26	0.5	27	95	3
609375	5923600	24.8	-23.6	-1.9	20	95	2.9
609400	5923600	24.8	-22.9	-5	16	98	3
609425	5923600	24.8	-18.1	0.5	0	86	5.33
609450	5923600	24.8	-19.8	-0.2	0	45	5.58
609475	5923600	24.8	-22.7	-2.7	0	91	5.6
609500	5923600	24.8	-25	-3	0	87	5.37
609525	5923600	24.8	-25.7	-2.8	0	87	5.38
609550	5923600	24.8	-26.8	-3.2	0	85	5.27
609575	5923600	24.8	-23.5	-1.9	0	86	5.31
609600	5923600	24.8	-26	-0.7	0	82	5.05
609625	5923600	24.8	-21.1	1.3	0	88	5.42
609650	5923600	24.8	-25.3	1.4	0	80	4.96
609676	5923600	24.8	-21.9	2.9	0	82	5.04
609701	5923600	24.8	-22.3	3.9	0	82	5.07
609726	5923600	24.8	-19.4	4.1	0	80	4.96
609751	5923600	24.8	-21.4	4.3	0	86	5.29
609776	5923600	24.8	-22	2.2	0	82	5.07
609801	5923600	24.8	-22.1	2	0	81	5.02
609826	5923600	24.8	-23.6	1.1	0	81	5
609851	5923600	24.8	-24.9	0.2	0	81	4.98
609876	5923600	24.8	-25	-0.4	0	81	4.99
609901	5923600	24.8	-25.1	2.2	0	81	4.99
609926	5923600	24.8	-23.7	1.9	0	80	4.94
609951	5923600	24.8	-23.6	1.7	0	83	5.14
609976	5923600	24.8	-21.7	3.5	0	83	5.14
610001	5923600	24.8	-25	3.2	0	83	5.14
610026	5923600	24.8	-27.1	2.1	0	84	5.17
610051	5923600	24.8	-30.3	-0.8	0	82	5.09
610076	5923600	24.8	-31.8	-1	0	83	5.15
610101	5923600	24.8	-33.6	-3.4	0	80	4.96
610126	5923600	24.8	-33.2	-1.6	0	73	4.54
610151	5923600	24.8	-35.1	-3.3	0	76	4.67
610176	5923600	24.8	-32.9	-2.9	0	79	4.87
610202	5923600	24.8	-36.4	-2.6	0	74	4.59
610227	5923600	24.8	-37.7	-3.9	2	74	4.59
610252	5923600	24.8	-45.5	-3.4	0	71	4.41
610277	5923600	24.8	-45.3	-2.2	0	71	4.4
610302	5923600	24.8	-38.8	-1.9	0	76	4.68
610327	5923600	24.8	-34.8	-1	0	75	4.65
610352	5923600	24.8	-33.6	-0.6	0	75	4.66

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609250	5923600	21.4	-17.8	5.9	82	57	3.5
609275	5923600	21.4	-19.1	2.1	88	60	3.8
609300	5923600	21.4	-19.7	3	85	60	3.7
609325	5923600	21.4	-14.6	2.4	90	62	3.9
609350	5923600	21.4	-14.2	0.1	88	63	3.8
609375	5923600	21.4	-11	4.2	86	67	3.8
609400	5923600	21.4	-8.9	4.5	84	68	3.8
609425	5923600	21.4	-15.1	7.4	0	63	2.27
609450	5923600	21.4	-19.4	6.8	0	64	2.28
609475	5923600	21.4	-23	3	0	63	2.27
609500	5923600	21.4	-27.2	1.5	0	57	2.05
609525	5923600	21.4	-20.6	1.6	0	60	2.15
609550	5923600	21.4	-23.2	3.4	0	58	2.06
609575	5923600	21.4	-15.4	3.7	0	59	2.11
609600	5923600	21.4	-24.5	2.1	0	55	1.98
609625	5923600	21.4	-17.6	3	0	57	2.05
609650	5923600	21.4	-29.5	2.7	0	51	1.82
609676	5923600	21.4	-21.3	3.3	0	53	1.9
609701	5923600	21.4	-19.9	5.2	0	50	1.79
609726	5923600	21.4	-16.3	5.7	0	55	1.96
609751	5923600	21.4	-16	4.9	0	50	1.79
609776	5923600	21.4	-15.6	4.1	0	51	1.83
609801	5923600	21.4	-20.8	3.6	0	98	1.75
609826	5923600	21.4	-22.3	2.4	0	45	1.61
609851	5923600	21.4	-22.2	-0.4	0	52	1.87
609876	5923600	21.4	-24.4	0.7	0	97	1.73
609901	5923600	21.4	-27.7	3.5	0	48	1.72
609926	5923600	21.4	-19	4.8	0	95	1.69
609951	5923600	21.4	-16.7	1.8	0	48	1.74
609976	5923600	21.4	-10	4.7	0	103	1.83
610001	5923600	21.4	-16.2	4.1	0	86	1.53
610026	5923600	21.4	-14.7	3.6	0	46	1.65
610051	5923600	21.4	-20.9	-0.1	0	48	1.71
610076	5923600	21.4	-23.9	-0.1	0	83	1.47
610101	5923600	21.4	-26.2	1.5	0	78	1.39
610126	5923600	21.4	-30.7	1.5	0	57	1.02
610151	5923600	21.4	-34.3	3.4	0	55	0.98
610176	5923600	21.4	-29.5	2	0	50	0.89
610202	5923600	21.4	-43	-2.1	0	94	0.84
610227	5923600	21.4	-47.9	2.1	6	72	2.59
610252	5923600	21.4	-68.8	12.9	0	61	2.19
610277	5923600	21.4	-69.6	16.4	0	59	2.11
610302	5923600	21.4	-58.8	9.7	0	66	2.35
610327	5923600	21.4	-57.8	8.8	0	70	2.49
610352	5923600	21.4	-57.5	11.5	0	70	2.51

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
609237.5	5923600	-19.6	7.4
609262.5	5923600	-10.9	6.3
609287.5	5923600	1	-2.6
609312.5	5923600	2.4	-10
609337.5	5923600	-1.2	-9.1
609362.5	5923600	-4.2	-8.9
609387.5	5923600	-8.6	-1.2
609412.5	5923600	-8.6	14.6
609437.5	5923600	1.5	18.4
609462.5	5923600	9.8	15.7
609487.5	5923600	8.2	5.4
609512.5	5923600	4.8	-6.4
609537.5	5923600	-0.4	-9.2
609562.5	5923600	-3	-3.9
609587.5	5923600	-3.2	3.5
609612.5	5923600	-3.1	7.2
609637.5	5923600	0.1	8.7
609663	5923600	-2.2	-5.9
609688.5	5923600	-5.5	-14.6
609713.5	5923600	-3.4	-8.9
609738.5	5923600	1.7	-4.6
609763.5	5923600	3.3	4.1
609788.5	5923600	2.3	11.5
609813.5	5923600	4.4	8.1
609838.5	5923600	4.2	3.5
609863.5	5923600	1.6	7.6
609888.5	5923600	-1.1	0.1
609913.5	5923600	-2.8	-16.4
609938.5	5923600	-3.5	-20
609963.5	5923600	-0.6	-9.5
609988.5	5923600	6.8	4.2
610013.5	5923600	10.7	9.4
610038.5	5923600	10	13.9
610063.5	5923600	8	14.5
610088.5	5923600	4.7	12.1
610113.5	5923600	2.9	14.9
610138.5	5923600	1.2	6.9
610163.5	5923600	1	7.5
610189	5923600	6.1	27.1
610214.5	5923600	13.9	44.2
610239.5	5923600	16.7	47.5
610264.5	5923600	0.9	11.7
610289.5	5923600	-17.2	-21.8
610314.5	5923600	-15.7	-13.1
610339.5	5923600	-1.6	3.1

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610377	5923600	24.8	-38.4	-0.6	0	73	4.49
610402	5923600	24.8	-50.4	-1.7	0	68	4.22
610427	5923600	24.8	-49.8	-4.8	0	68	4.19
610452	5923600	24.8	-48	-3.7	0	68	4.23
610477	5923600	24.8	-43.7	-1	0	64	3.97
610502	5923600	24.8	-53.6	0.5	0	61	3.77
610527	5923600	24.8	-57.9	4.4	0	54	3.32
610552	5923600	24.8	-50.6	4.2	0	59	3.67
610577	5923600	24.8	-47.5	6	1	59	3.68
610602	5923600	24.8	-42.5	3.4	0	62	3.83
610627	5923600	24.8	-51.9	5.4	0	57	3.55
610652	5923600	24.8	-44.2	3.1	0	63	3.88
610677	5923600	24.8	-37	-12	0	61	3.75
610702	5923600	24.8	-34.2	-12.9	0	61	3.77
610728	5923600	24.8	-41.3	-17.6	0	60	3.73
609250	5923650	24.8	-30.1	1.2	11	87	2.7
609275	5923650	24.8	-25.9	2.7	14	90	2.8
609300	5923650	24.8	-31.6	1.6	15	92	2.8
609325	5923650	24.8	-29.2	0.4	24	89	2.8
609350	5923650	24.8	-27.8	1.9	19	93	2.9
609375	5923650	24.8	-24.8	-0.5	22	95	3
609400	5923650	24.8	-28.3	-1.4	10	97	3
609425	5923650	24.8	-36	-0.6	0	81	5
609450	5923650	24.8	-36.9	-2.6	0	80	4.96
609475	5923650	24.8	-34.1	-1.2	0	81	4.98
609500	5923650	24.8	-33.1	-2.3	0	77	4.77
609525	5923650	24.8	-35.8	-2.6	0	80	4.96
609550	5923650	24.8	-29.5	-0.8	0	75	4.65
609575	5923650	24.8	-35.6	-0.7	1	76	4.69
609600	5923650	24.8	-30.8	1.7	4	79	4.91
609625	5923650	24.8	-31.3	3.4	0	76	4.71
609650	5923650	24.8	-29	1.8	0	79	4.9
609675	5923650	24.8	-28.1	4.7	0	78	4.82
609701	5923650	24.8	-26.9	5.8	0	77	4.73
609726	5923650	24.8	-27.3	5.2	0	78	4.84
609751	5923650	24.8	-28.3	3.6	0	74	4.57
609776	5923650	24.8	-27.5	2.3	0	74	4.61
609801	5923650	24.8	-30.7	1.5	0	73	4.49
609826	5923650	24.8	-28.8	1.4	0	75	4.61
609851	5923650	24.8	-30.4	1.4	0	74	4.59
609876	5923650	24.8	-29.7	2.4	0	75	4.61
609901	5923650	24.8	-30.1	1.8	0	73	4.52
609926	5923650	24.8	-32.8	0.1	0	74	4.59
609951	5923650	24.8	-34.1	1.1	0	75	4.64
609976	5923650	24.8	-36.4	0.5	0	80	4.92

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610377	5923600	21.4	-62.2	9.1	0	66	2.38
610402	5923600	21.4	-71.2	13.4	0	55	1.98
610427	5923600	21.4	-64.4	5.3	0	64	2.31
610452	5923600	21.4	-52	1.6	0	67	2.38
610477	5923600	21.4	-48.3	-1.3	0	79	2.84
610502	5923600	21.4	-81	11.5	0	109	1.95
610527	5923600	21.4	-115.4	52	1	30	1.08
610552	5923600	21.4	-77.5	10.4	0	53	1.89
610577	5923600	21.4	-80.9	11	4	52	1.86
610602	5923600	21.4	-66	5.5	0	122	2.17
610627	5923600	21.4	-108.1	12.2	0	45	1.61
610652	5923600	21.4	-67.4	-8.4	7	66	2.37
610677	5923600	21.4	-24.3	-13.8	0	90	3.21
610702	5923600	21.4	-23.3	-12.9	0	46	3.28
610728	5923600	21.4	-24.7	-14.7	0	91	3.26
609250	5923650	21.4	-35.4	-6.9	73	56	3.2
609275	5923650	21.4	-32.7	-4.2	79	59	3.5
609300	5923650	21.4	-33.3	-4.7	84	61	3.7
609325	5923650	21.4	-28.9	-1.3	93	59	3.9
609350	5923650	21.4	-26.9	-0.9	90	61	3.8
609375	5923650	21.4	-24.7	-0.8	92	64	4
609400	5923650	21.4	-25.9	-3.1	80	64	3.6
609425	5923650	21.4	-34.8	7.8	0	63	2.26
609450	5923650	21.4	-25.7	7.1	0	65	2.33
609475	5923650	21.4	-24.3	6.6	0	62	2.23
609500	5923650	21.4	-18	3.7	0	61	2.18
609525	5923650	21.4	-27	2.1	0	57	2.06
609550	5923650	21.4	-21.8	3.3	0	55	1.99
609575	5923650	21.4	-20.9	3.9	0	64	2.3
609600	5923650	21.4	-25.5	2.2	0	60	2.16
609625	5923650	21.4	-28.5	5.7	0	53	1.89
609650	5923650	21.4	-18	1.6	0	60	2.14
609675	5923650	21.4	-13.1	2.4	0	64	2.3
609701	5923650	21.4	-23.1	6.3	0	56	2
609726	5923650	21.4	-18.5	5.6	0	59	2.11
609751	5923650	21.4	-15.9	4.6	0	59	2.1
609776	5923650	21.4	-11.9	4.7	0	55	1.98
609801	5923650	21.4	-20.7	3.3	0	55	1.98
609826	5923650	21.4	-18.7	1.7	0	57	2.05
609851	5923650	21.4	-18	1.2	0	57	2.06
609876	5923650	21.4	-32.4	4.5	0	51	1.83
609901	5923650	21.4	-25.9	-0.2	0	59	2.1
609926	5923650	21.4	-23.1	0.7	0	54	1.92
609951	5923650	21.4	-24	3.2	0	55	1.98
609976	5923650	21.4	-31.7	-0.2	0	58	2.07

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610364.5	5923600	20.4	18.1
610389.5	5923600	28.2	15.9
610414.5	5923600	9	-17
610439.5	5923600	-8.5	-35.3
610464.5	5923600	-0.5	12.9
610489.5	5923600	19.8	96.1
610514.5	5923600	11.2	63.6
610539.5	5923600	-13.4	-38
610564.5	5923600	-18.5	-46
610589.5	5923600	-3.7	15.7
610614.5	5923600	6.1	28.6
610639.5	5923600	-13.2	-82.4
610664.5	5923600	-24.9	-127.9
610689.5	5923600	-5.7	-43.7
610715	5923600	9.5	16.6
609237.5	5923650	4.8	11.4
609262.5	5923650	4.9	3.2
609287.5	5923650	4.8	-5.9
609312.5	5923650	-0.5	-10.2
609337.5	5923650	-8.2	-10.6
609362.5	5923650	-3.9	-5.2
609387.5	5923650	11.7	9.1
609412.5	5923650	19.8	9.9
609437.5	5923650	6.7	-10.7
609462.5	5923650	-5.7	-18.2
609487.5	5923650	-2.1	-5
609512.5	5923650	-1.9	6.5
609537.5	5923650	-3.8	-2.3
609562.5	5923650	1.1	-2.4
609587.5	5923650	-3	11.3
609612.5	5923650	-6.1	0.1
609637.5	5923650	-5	-22.9
609662.5	5923650	-5.3	-10.3
609688	5923650	-2.9	10.5
609713.5	5923650	0.6	-1.8
609738.5	5923650	1.6	-13.8
609763.5	5923650	2.6	-1.8
609788.5	5923650	3.7	11.6
609813.5	5923650	1	4.1
609838.5	5923650	0.6	11
609863.5	5923650	0.6	21.6
609888.5	5923650	2.8	-1.4
609913.5	5923650	7.1	-11.2
609938.5	5923650	7.6	6.7
609963.5	5923650	9.1	4.9

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610001	5923650	24.8	-39.6	-1.5	0	76	4.71
610026	5923650	24.8	-43.4	-1.7	0	79	4.88
610051	5923650	24.8	-50.4	-8.2	0	77	4.77
610076	5923650	24.8	-63.3	-10.9	0	69	4.26
610101	5923650	24.8	-55.4	-12	0	70	4.35
610126	5923650	24.8	-53	-10.5	0	69	4.27
610151	5923650	24.8	-42.7	-6.2	0	61	3.79
610176	5923650	24.8	-49.9	-7.9	0	70	4.35
610201	5923650	24.8	-60.6	-7.7	0	63	3.88
610227	5923650	24.8	-50.8	-6.4	0	62	3.86
610252	5923650	24.8	-44.1	-6.9	0	69	4.26
610277	5923650	24.8	-43	-5.4	0	66	4.11
610302	5923650	24.8	-47.2	-6.4	0	64	3.99
610327	5923650	24.8	-55.8	-7.8	0	64	3.96
610352	5923650	24.8	-51	-7.2	0	61	3.75
610377	5923650	24.8	-51.4	-4.4	0	65	4.01
610402	5923650	24.8	-57.8	-10.4	0	61	3.78
610427	5923650	24.8	-55.5	-6.8	0	60	3.69
610452	5923650	24.8	-48.7	-1.7	0	62	3.82
610477	5923650	24.8	-50.5	-2.7	0	59	3.62
610502	5923650	24.8	-60	-5.4	0	59	3.68
610527	5923650	24.8	-38.5	9.5	0	61	3.79
610552	5923650	24.8	-38.3	6.4	0	56	3.46
610577	5923650	24.8	-45.1	2	0	58	3.62
610602	5923650	24.8	-46.5	1.1	0	57	3.54
610627	5923650	24.8	-45.7	8.8	0	59	3.63
610652	5923650	24.8	-47.2	-5.9	0	58	3.61
610677	5923650	24.8	-50.4	-5	0	59	3.64
610702	5923650	24.8	-52.4	-12.8	0	57	3.55
610727	5923650	24.8	-54.3	-12.1	0	57	3.51
610753	5923650	24.8	-48.7	-16.8	0	60	3.69
610778	5923650	24.8	-49.1	-14.1	0	57	3.5
610803	5923650	24.8	-46	-17.5	0	58	3.62
609250	5923700	24.8	-41.4	-1.1	17	82	2.6
609275	5923700	24.8	-45.6	-2.5	15	80	2.5
609300	5923700	24.8	-44.2	-3	9	87	2.6
609325	5923700	24.8	-47.1	-2.3	17	87	2.7
609350	5923700	24.8	-43.5	-3	14	87	2.7
609375	5923700	24.8	-47.6	-4.5	17	88	2.7
609400	5923700	24.8	-37.1	2	0	81	5.03
609425	5923700	24.8	-31.3	-0.7	1	84	5.21
609450	5923700	24.8	-32.7	-2.6	0	84	5.19
609475	5923700	24.8	-28.2	0	0	80	4.97
609525	5923700	24.8	-28.1	0	0	77	4.78
609550	5923700	24.8	-24.5	1.5	0	78	4.83

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610001	5923650	21.4	-20.3	1.8	0	58	2.09
610026	5923650	21.4	-33.2	3.1	0	53	1.88
610051	5923650	21.4	-30.4	-3.7	0	56	2.01
610076	5923650	21.4	-58.5	-4.4	0	45	1.62
610101	5923650	21.4	-43.5	-7.9	0	115	2.06
610126	5923650	21.4	-41.1	-7	0	56	2.01
610151	5923650	21.4	-34.4	0.9	0	41	1.46
610176	5923650	21.4	-44.1	-0.4	0	106	1.89
610201	5923650	21.4	-79.3	8.2	0	40	1.43
610227	5923650	21.4	-59.8	6.7	0	77	1.37
610252	5923650	21.4	-44.2	-1.2	0	95	1.7
610277	5923650	21.4	-42.7	2.4	0	51	1.84
610302	5923650	21.4	-58.2	3.7	0	44	1.59
610327	5923650	21.4	-73.1	0.1	0	86	1.54
610352	5923650	21.4	-50.5	-5.7	0	115	2.05
610377	5923650	21.4	-66	1	0	46	1.64
610402	5923650	21.4	-31.3	-9.1	0	117	2.09
610427	5923650	21.4	-38.8	-6.7	0	57	2.03
610452	5923650	21.4	-35.6	-6.7	0	58	2.09
610477	5923650	21.4	-50.5	0.8	0	43	1.56
610502	5923650	21.4	-68.6	-3.8	0	91	1.63
610527	5923650	21.4	-28.1	12.6	0	57	2.05
610552	5923650	21.4	-29	6.9	0	39	1.42
610577	5923650	21.4	-43.1	1	0	102	1.82
610602	5923650	21.4	-49.1	0.2	0	48	1.73
610627	5923650	21.4	-70	0.8	0	94	1.68
610652	5923650	21.4	-55	-2.8	0	45	1.63
610677	5923650	21.4	-61.8	-8.6	0	82	1.47
610702	5923650	21.4	-53.9	-16	0	48	1.72
610727	5923650	21.4	-64.3	-13.1	1	89	1.58
610753	5923650	21.4	-44.6	-18.5	1	106	1.89
610778	5923650	21.4	-53.2	-15.3	0	48	1.74
610803	5923650	21.4	-43.5	-17.6	0	102	1.83
609250	5923700	21.4	-23.6	-2.4	74	61	3.4
609275	5923700	21.4	-31.1	-3.9	72	62	3.3
609300	5923700	21.4	-27.5	-7.5	70	64	3.4
609325	5923700	21.4	-29.8	-7.4	73	62	3.4
609350	5923700	21.4	-23.5	3	81	61	3.6
609375	5923700	21.4	-22.9	0.1	83	57	3.5
609400	5923700	21.4	-39.1	12.9	0	37	2.63
609425	5923700	21.4	-26.8	7.7	0	50	3.56
609450	5923700	21.4	-32.9	9.4	0	48	3.47
609475	5923700	21.4	-28.2	7.4	0	100	3.57
609525	5923700	21.4	-29.3	6.7	0	84	3.01
609550	5923700	21.4	-19.2	3.8	0	44	3.14

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
609988.5	5923650	12.5	-2.2
610013.5	5923650	17.8	11.6
610038.5	5923650	30.7	35.4
610063.5	5923650	24.9	38.4
610088.5	5923650	-5.3	-4.3
610113.5	5923650	-23	-26.5
610138.5	5923650	-15.8	-6.1
610163.5	5923650	14.8	47.9
610188.5	5923650	18.8	60.6
610214	5923650	-15.6	-19.4
610239.5	5923650	-24.3	-52.2
610264.5	5923650	-4.7	-3.1
610289.5	5923650	15.9	44.4
610314.5	5923650	16.6	22.7
610339.5	5923650	-0.6	-14.8
610364.5	5923650	2.4	-26.3
610389.5	5923650	10.9	-46.4
610414.5	5923650	-5	-22.9
610439.5	5923650	-14.1	16
610464.5	5923650	6.3	44.7
610489.5	5923650	-0.7	10.6
610514.5	5923650	-33.7	-62
610539.5	5923650	-15.1	-24.6
610564.5	5923650	14.8	35.1
610589.5	5923650	8.8	47
610614.5	5923650	1.3	32.8
610639.5	5923650	5.4	-2.3
610664.5	5923650	9.9	-9.3
610689.5	5923650	9.1	1.4
610714.5	5923650	0.2	-6.8
610740	5923650	-8.9	-20.4
610765.5	5923650	-7.9	-12.2
610790.5	5923650	-3.4	-24
609237.5	5923700	-2.1	8.9
609262.5	5923700	5	11.5
609287.5	5923700	4.3	2.6
609312.5	5923700	0.8	-5.3
609337.5	5923700	-0.2	-10.9
609362.5	5923700	-5.9	8.7
609387.5	5923700	-22.7	19.5
609412.5	5923700	-20.7	-2.3
609437.5	5923700	-7.5	-4.8
609462.5	5923700	-7.7	-2.2
609500	5923700	-8.3	-12.6
609537.5	5923700	-5.6	-17.8

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609575	5923700	24.8	-26.2	0.8	0	76	4.67
609600	5923700	24.8	-25.9	1.6	0	81	5.02
609625	5923700	24.8	-25.9	3.1	0	82	5.07
609650	5923700	24.8	-27.7	2.9	0	78	4.81
609676	5923700	24.8	-27.9	1.9	0	78	4.83
609701	5923700	24.8	-30.4	2.6	0	80	4.96
609726	5923700	24.8	-25.3	2.9	0	79	4.9
609751	5923700	24.8	-24.8	2.3	0	79	4.91
609776	5923700	24.8	-25.2	2.9	0	75	4.65
609801	5923700	24.8	-31	1.6	0	80	4.92
609826	5923700	24.8	-33.6	-0.7	0	75	4.63
609851	5923700	24.8	-32.6	-0.3	0	76	4.68
609876	5923700	24.8	-29.2	-0.3	0	78	4.82
609901	5923700	24.8	-31.1	0.3	0	79	4.87
609926	5923700	24.8	-37.4	-3.1	0	77	4.74
609951	5923700	24.8	-38	-3.8	0	77	4.77
609976	5923700	24.8	-35.6	-2.3	0	74	4.55
610001	5923700	24.8	-40.7	-5	0	74	4.58
610026	5923700	24.8	-54.4	-9.9	0	75	4.64
610051	5923700	24.8	-67.4	-13.6	0	65	4
610076	5923700	24.8	-58.4	-14.9	0	69	4.28
610101	5923700	24.8	-57.5	-14.7	1	68	4.21
610126	5923700	24.8	-46.1	-10.6	0	70	4.33
610151	5923700	24.8	-52.2	-11.4	0	71	4.38
610176	5923700	24.8	-45	-8.7	2	69	4.29
610202	5923700	24.8	-38	-6.8	0	75	4.67
610227	5923700	24.8	-37.4	-5.5	0	72	4.45
610252	5923700	24.8	-75.3	-5.4	0	52	3.24
610277	5923700	24.8	-40.7	-7.5	0	125	3.84
610302	5923700	24.8	-200	47.7	0	15	0.98
610327	5923700	24.8	-50.5	-9	0	53	3.29
610352	5923700	24.8	-38.5	-4.1	0	69	4.25
610377	5923700	24.8	-46.4	-4.7	0	65	4.04
610402	5923700	24.8	-42.9	-3	0	64	3.94
610427	5923700	24.8	-40.9	-3.1	0	64	3.94
610452	5923700	24.8	-41.3	1.1	0	66	4.09
610477	5923700	24.8	-35.5	2.2	0	67	4.14
610502	5923700	24.8	-35	2.2	0	66	4.07
610527	5923700	24.8	-34.7	6.9	0	61	3.81
610552	5923700	24.8	-20	12	0	68	4.18
610577	5923700	24.8	-23.2	8.3	0	59	3.67
610602	5923700	24.8	-26.3	10.8	0	66	4.06
610627	5923700	24.8	-38.4	6.4	0	64	3.95
610652	5923700	24.8	-31.6	1.9	0	62	3.84
610677	5923700	24.8	-35.5	-4	0	62	3.81

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609575	5923700	21.4	-20.5	2.9	0	52	3.71
609600	5923700	21.4	-30.6	6.1	0	90	3.22
609625	5923700	21.4	-30.5	7.4	0	86	3.09
609650	5923700	21.4	-38.4	3.5	0	76	2.72
609676	5923700	21.4	-29.6	2.3	0	88	3.13
609701	5923700	21.4	-37.2	4.3	0	81	2.89
609726	5923700	21.4	-27.1	5.8	0	45	3.26
609751	5923700	21.4	-28.5	2.6	0	93	3.32
609776	5923700	21.4	-23.7	7.4	0	80	2.88
609801	5923700	21.4	-37.8	7.9	0	76	2.72
609826	5923700	21.4	-44.5	1.1	0	76	2.72
609851	5923700	21.4	-48.8	5.1	0	74	2.65
609876	5923700	21.4	-38.4	1.7	0	82	2.93
609901	5923700	21.4	-41.3	1.6	0	77	2.74
609926	5923700	21.4	-39.4	-3.2	0	81	2.89
609951	5923700	21.4	-31.6	-0.6	0	45	3.21
609976	5923700	21.4	-30.2	0.3	0	91	3.25
610001	5923700	21.4	-32.9	-0.7	0	79	2.83
610026	5923700	21.4	-50.6	1.9	0	67	2.39
610051	5923700	21.4	-69.6	-1.8	0	56	2.02
610076	5923700	21.4	-54.2	-5.4	0	69	2.49
610101	5923700	21.4	-54.9	-9.1	3	68	2.43
610126	5923700	21.4	-52.4	-7.2	4	79	2.83
610151	5923700	21.4	-53.8	-2.6	0	70	2.5
610176	5923700	21.4	-49.4	-0.6	13	74	2.7
610202	5923700	21.4	-40.5	-1.1	0	84	3.01
610227	5923700	21.4	-53.1	-0.2	1	127	2.28
610252	5923700	21.4	-140.8	76.9	0	29	1.04
610277	5923700	21.4	-37.4	-2.5	0	90	3.22
610302	5923700	21.4	112.4	91.4	0	17	1.22
610327	5923700	21.4	-40.8	-7.6	0	92	3.29
610352	5923700	21.4	-54	-1.3	0	77	2.76
610377	5923700	21.4	-63.6	2.5	0	67	2.4
610402	5923700	21.4	-53.7	3.5	0	72	2.57
610427	5923700	21.4	-36.2	-5.9	0	83	2.98
610452	5923700	21.4	-52.4	3.3	0	68	2.45
610477	5923700	21.4	-49.6	4.8	0	71	2.56
610502	5923700	21.4	-39.8	-4.1	0	76	2.74
610527	5923700	21.4	-62.4	11.1	0	52	1.85
610552	5923700	21.4	-23.9	14.6	0	41	2.92
610577	5923700	21.4	-24.1	5.7	0	90	3.23
610602	5923700	21.4	-53.9	12.1	0	67	2.41
610627	5923700	21.4	-84.8	10	0	58	2.07
610652	5923700	21.4	-48.1	4.6	0	61	2.19
610677	5923700	21.4	-47.4	-4.1	0	63	2.27

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
609562.5	5923700	-0.5	2.6
609587.5	5923700	1.1	21.4
609612.5	5923700	1.5	17.8
609637.5	5923700	3.8	6.9
609663	5923700	4.7	-2.1
609688.5	5923700	0.1	-3.7
609713.5	5923700	-8.2	-11.2
609738.5	5923700	-5.7	-12.1
609763.5	5923700	6.1	5.9
609788.5	5923700	14.6	30.1
609813.5	5923700	10	31.8
609838.5	5923700	-2.8	4.9
609863.5	5923700	-5.9	-13.6
609888.5	5923700	6.7	-6.5
609913.5	5923700	15.1	-8.7
609938.5	5923700	5.1	-18.9
609963.5	5923700	0.9	-7.9
609988.5	5923700	21.5	21.7
610013.5	5923700	45.5	57.1
610038.5	5923700	30.7	40.3
610063.5	5923700	-5.9	-11.1
610088.5	5923700	-22.2	-16.5
610113.5	5923700	-17.6	-2.9
610138.5	5923700	-6.4	-4.1
610163.5	5923700	-15.3	-16.3
610189	5923700	-21.8	-9.6
610214.5	5923700	29.7	104
610239.5	5923700	40.6	84.6
610264.5	5923700	128	-268.9
610289.5	5923700	134.5	-249.8
610314.5	5923700	-151.7	169.8
610339.5	5923700	-165.6	189.2
610364.5	5923700	0.3	22.5
610389.5	5923700	-1.1	-27.7
610414.5	5923700	-7.1	-28.7
610439.5	5923700	-7	12.1
610464.5	5923700	-11.7	0.8
610489.5	5923700	-7.1	0.2
610514.5	5923700	-15.8	-3.1
610539.5	5923700	-26.5	-54.2
610564.5	5923700	-5.2	-8.3
610589.5	5923700	21.5	90.7
610614.5	5923700	20.5	54.9
610639.5	5923700	2.4	-43.2
610664.5	5923700	1	-43.5

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610702	5923700	24.8	-35.5	-7.2	0	64	3.98
610728	5923700	24.8	-45.1	-7	0	60	3.72
610753	5923700	24.8	-36.9	-9.2	0	61	3.8
610778	5923700	24.8	-31.6	-12.2	0	64	3.95
610803	5923700	24.8	-34.5	-12.4	0	62	3.82
610828	5923700	24.8	-31.8	-14.2	0	64	3.96
610853	5923700	24.8	-24.7	-11.4	0	64	3.94
609250	5923750	24.8	-24.7	2.3	12	79	2.4
609275	5923750	24.8	-19.4	6.6	6	84	2.6
609300	5923750	24.8	-28.9	1.7	8	88	2.7
609325	5923750	24.8	-41.3	-3.8	16	82	2.5
609350	5923750	24.8	-42.2	-6.5	20	86	2.7
609375	5923750	24.8	-43.9	-6.3	18	85	2.6
609400	5923750	24.8	-37.4	-7.4	18	82	2.5
609425	5923750	24.8	-55.5	-3.4	0	127	3.93
609450	5923750	24.8	-43.8	-1.5	0	73	4.52
609475	5923750	24.8	-42.3	-0.4	0	74	4.57
609500	5923750	24.8	-36.2	0.1	0	75	4.63
609525	5923750	24.8	-35.6	1.5	0	77	4.76
609550	5923750	24.8	-34.5	2.2	0	74	4.56
609575	5923750	24.8	-34.3	3.1	0	76	4.71
609600	5923750	24.8	-37.4	1.1	0	74	4.59
609625	5923750	24.8	-32.9	3	0	77	4.78
609650	5923750	24.8	-35.1	2.3	0	80	4.93
609676	5923750	24.8	-33.9	2.7	0	78	4.81
609701	5923750	24.8	-34.2	1.1	0	77	4.76
609726	5923750	24.8	-35.5	0.8	0	77	4.76
609751	5923750	24.8	-36.3	1.9	0	75	4.66
609776	5923750	24.8	-36.4	1.2	0	78	4.81
609801	5923750	24.8	-33.2	1	0	72	4.48
609826	5923750	24.8	-37.8	0.9	0	71	4.39
609851	5923750	24.8	-35	-2.7	0	73	4.51
609851	5923750	24.8	-34.7	-1.9	0	72	4.45
609876	5923750	24.8	-41.3	-3.9	0	72	4.44
609901	5923750	24.8	-46.7	-5.7	0	74	4.57
609926	5923750	24.8	-46.7	-9.1	0	72	4.48
609951	5923750	24.8	-48.7	-11.2	0	72	4.44
609976	5923750	24.8	-54.5	-12.7	0	69	4.29
610001	5923750	24.8	-62.4	-14.1	0	68	4.2
610026	5923750	24.8	-62.6	-18.2	0	65	4
610051	5923750	24.8	-58.7	-14	0	60	3.72
610076	5923750	24.8	-71.5	-16.4	0	54	3.34
610101	5923750	24.8	-58.8	-16.2	0	64	3.99
610126	5923750	24.8	-65.4	-16.7	0	61	3.77
610151	5923750	24.8	-58.1	-15.3	0	61	3.75

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610702	5923700	21.4	-42	-5.8	0	73	2.6
610728	5923700	21.4	-67	-4.7	0	55	1.96
610753	5923700	21.4	-44.4	-11	0	72	2.59
610778	5923700	21.4	-18.7	-13.8	0	87	3.12
610803	5923700	21.4	-33.4	-12.5	0	70	2.52
610828	5923700	21.4	-17.9	-12.3	0	81	2.9
610853	5923700	21.4	-19.8	-10.2	0	82	2.95
609250	5923750	21.4	-26.9	0.6	71	65	3.4
609275	5923750	21.4	-26.9	2	68	66	3.3
609300	5923750	21.4	-30.1	0.2	70	63	3.3
609325	5923750	21.4	-32.1	-4.5	71	62	3.3
609350	5923750	21.4	-35.2	-4.7	82	60	3.6
609375	5923750	21.4	-31.7	-4.2	88	65	3.9
609400	5923750	21.4	-26.5	-1.2	81	65	3.7
609425	5923750	21.4	-95.5	13.7	1	127	1.14
609450	5923750	21.4	-60.1	7.6	1	127	2.28
609475	5923750	21.4	-38.3	5	0	84	3
609500	5923750	21.4	-29.4	5.3	0	82	2.94
609525	5923750	21.4	-27.6	4.7	0	94	3.36
609550	5923750	21.4	-28	4.9	0	44	3.13
609575	5923750	21.4	-30.1	4.7	0	82	2.92
609600	5923750	21.4	-32.3	3.7	0	79	2.84
609625	5923750	21.4	-24.2	3.3	0	84	3.02
609650	5923750	21.4	-24.2	2.3	0	92	3.29
609676	5923750	21.4	-25.6	3.1	0	41	2.95
609701	5923750	21.4	-21	0.6	0	86	3.06
609726	5923750	21.4	-20.6	1.7	0	84	3
609751	5923750	21.4	-21.4	1.3	0	85	3.03
609776	5923750	21.4	-19.8	1.5	0	89	3.19
609801	5923750	21.4	-19	4.8	0	84	3.01
609826	5923750	21.4	-34.6	5.5	0	75	2.67
609851	5923750	21.4	-30.1	-1.3	0	89	3.19
609851	5923750	21.4	-30.1	0	0	87	3.1
609876	5923750	21.4	-29.8	-4.7	0	74	2.65
609901	5923750	21.4	-34.5	-4.8	0	81	2.91
609926	5923750	21.4	-30.3	-9.8	0	69	2.48
609951	5923750	21.4	-30.7	-11.5	0	75	2.69
609976	5923750	21.4	-27.2	-11.6	0	77	2.77
610001	5923750	21.4	-40.9	-8.5	0	75	2.69
610026	5923750	21.4	-38.2	-15.1	0	67	2.4
610051	5923750	21.4	-38.3	-8.5	0	57	2.04
610076	5923750	21.4	-67.5	-1.9	0	47	1.68
610101	5923750	21.4	-49.1	-13.8	1	127	2.28
610126	5923750	21.4	-61.9	-8.7	0	67	2.41
610151	5923750	21.4	-55.7	-9.8	0	62	2.23

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610689.5	5923700	13.5	13.5
610715	5923700	11	22
610740.5	5923700	-12.1	-45.9
610765.5	5923700	-15.9	-59.3
610790.5	5923700	-2.2	-11.8
610815.5	5923700	-9.6	-14.4
610840.5	5923700	-12.2	0
609237.5	5923750	-12.2	5.6
609262.5	5923750	-1.9	7.4
609287.5	5923750	26.1	8.4
609312.5	5923750	35.2	10.3
609337.5	5923750	15.9	4.7
609362.5	5923750	-2.2	-9.1
609387.5	5923750	6.8	55.1
609412.5	5923750	18	97.4
609437.5	5923750	-6.8	-23.6
609462.5	5923750	-20.8	-87.9
609487.5	5923750	-14.3	-41.4
609512.5	5923750	-8.4	-12.1
609537.5	5923750	-3	1.1
609562.5	5923750	1.6	6.8
609587.5	5923750	1.5	-1.6
609612.5	5923750	-3.7	-14
609637.5	5923750	-1.3	-6.7
609663	5923750	0.1	-1.8
609688.5	5923750	0.7	-8.2
609713.5	5923750	3.7	-4.6
609738.5	5923750	3	-0.4
609763.5	5923750	-2.2	-3.2
609788.5	5923750	-1.7	12.4
609813.5	5923750	3.2	25.9
609838.5	5923750	-1.3	6.6
609851	5923750	3.2	-4.8
609863.5	5923750	18.3	4.1
609888.5	5923750	17.4	4.9
609913.5	5923750	7.4	-3.3
609938.5	5923750	9.8	-6.9
609963.5	5923750	21.5	7.1
609988.5	5923750	21.8	21.2
610013.5	5923750	4.4	8.4
610038.5	5923750	5.2	26.7
610063.5	5923750	9	40.1
610088.5	5923750	-6	5.2
610113.5	5923750	-6.8	1
610138.5	5923750	-1.7	28.3

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610176	5923750	24.8	-64.4	-11.7	0	59	3.64
610201	5923750	24.8	-58.9	-7.7	0	58	3.57
610227	5923750	24.8	-51.9	-7	0	63	3.92
610252	5923750	24.8	-56.4	-5.1	0	56	3.49
610277	5923750	24.8	-48.2	-3.5	0	61	3.75
610302	5923750	24.8	-50.9	-5.8	0	63	3.93
610327	5923750	24.8	-57.3	-9.1	0	59	3.66
610352	5923750	24.8	-48.3	-5	0	65	4.02
610377	5923750	24.8	-43.7	-1.6	0	65	3.99
610402	5923750	24.8	-45.1	0.5	0	56	3.47
610427	5923750	24.8	-44.5	-4.3	0	64	3.93
610452	5923750	24.8	-40.5	-3.8	0	65	3.99
610477	5923750	24.8	-46.5	-5.5	0	64	3.96
610502	5923750	24.8	-44.5	-3.5	0	65	4.04
610527	5923750	24.8	-48.8	-6.1	0	62	3.87
610552	5923750	24.8	-41.8	-2.8	0	64	3.97
610577	5923750	24.8	-35.1	-0.4	0	66	4.08
610602	5923750	24.8	-45.2	-5.5	0	63	3.87
610627	5923750	24.8	-23.4	7.9	0	64	3.98
610652	5923750	24.8	-27	2.5	0	66	4.09
610677	5923750	24.8	-28.7	-0.2	0	63	3.87
610702	5923750	24.8	-36.4	-4.5	0	62	3.86
610727	5923750	24.8	-40.3	-8.5	0	61	3.76
610753	5923750	24.8	-39.5	-12.6	0	62	3.86
610778	5923750	24.8	-44.1	-14.1	0	62	3.87
610803	5923750	24.8	-38.1	-9.2	0	61	3.81
610828	5923750	24.8	-33.7	-9.1	0	65	4.03
610853	5923750	24.8	-30.1	-8	0	69	4.27
610878	5923750	24.8	-25.7	-7.1	0	72	4.44
609250	5923800	24.8	-49	-10.1	1	77	2.3
609275	5923800	24.8	-60.7	-19.2	10	78	2.4
609300	5923800	24.8	-66	-18.3	23	76	2.4
609325	5923800	24.8	-59.7	-13.4	15	79	2.4
609350	5923800	24.8	-49.9	-7.1	23	79	2.5
609375	5923800	24.8	-50.7	-5	13	77	2.4
609400	5923800	24.8	-46.3	-6.3	31	74	2.4
609425	5923800	24.8	-30.8	-0.2	0	71	4.36
609450	5923800	24.8	-25	2.5	0	72	4.43
609475	5923800	24.8	-23.4	3.7	1	73	4.52
609500	5923800	24.8	-27.4	2.8	2	72	4.47
609525	5923800	24.8	-19.5	5.3	1	79	4.87
609550	5923800	24.8	-20.6	4.3	0	72	4.44
609575	5923800	24.8	-22.1	2.7	0	76	4.72
609600	5923800	24.8	-25	3.2	0	75	4.64
609625	5923800	24.8	-24.4	3.1	0	78	4.82

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610176	5923750	21.4	-83.6	-1.6	0	55	1.96
610201	5923750	21.4	-70.4	3.4	0	53	1.89
610227	5923750	21.4	-61.3	-0.3	0	63	2.26
610252	5923750	21.4	-66.9	6.4	0	55	1.96
610277	5923750	21.4	-61	5.1	0	61	2.19
610302	5923750	21.4	-51	-3.6	0	67	2.4
610327	5923750	21.4	-54.7	-7.8	0	75	2.67
610352	5923750	21.4	-45.6	-3.3	0	78	2.79
610377	5923750	21.4	-45	-0.7	0	82	2.94
610402	5923750	21.4	-38.4	-5.4	0	89	3.17
610427	5923750	21.4	-38.2	-7.2	0	84	2.99
610452	5923750	21.4	-39.8	-1.7	0	76	2.74
610477	5923750	21.4	-50.4	-4.7	0	74	2.66
610502	5923750	21.4	-48.7	-3.4	0	69	2.46
610527	5923750	21.4	-57.8	-8.4	0	71	2.54
610552	5923750	21.4	-44.4	-0.4	0	76	2.72
610577	5923750	21.4	-32.4	7.3	0	70	2.52
610602	5923750	21.4	-41.2	-9	0	86	3.07
610627	5923750	21.4	-27.6	4.7	0	76	2.72
610652	5923750	21.4	-28.2	-0.1	0	76	2.74
610677	5923750	21.4	-18.1	0.3	0	84	3.02
610702	5923750	21.4	-30.8	-3.8	0	79	2.84
610727	5923750	21.4	-24.5	-10.9	0	64	2.29
610753	5923750	21.4	-20.3	-14.4	0	77	2.75
610778	5923750	21.4	-32.6	-17.6	0	72	2.59
610803	5923750	21.4	-39.6	-14.8	0	62	2.22
610828	5923750	21.4	-24.1	-10.6	0	72	2.57
610853	5923750	21.4	-16.1	-6.1	0	85	3.05
610878	5923750	21.4	-12.5	-6.2	0	91	3.26
609250	5923800	21.4	-24.5	-4.9	56	54	2.7
609275	5923800	21.4	-34.7	-7.5	68	59	3.2
609300	5923800	21.4	-36.9	-15.9	80	59	3.5
609325	5923800	21.4	-32.9	-8.9	82	59	3.6
609350	5923800	21.4	-24.4	-3.6	84	59	3.6
609375	5923800	21.4	-25.7	-2.6	73	57	3.3
609400	5923800	21.4	-25.1	-2.2	86	52	3.5
609425	5923800	21.4	-22.8	7.5	0	60	2.15
609450	5923800	21.4	-18.3	8	0	57	2.05
609475	5923800	21.4	-17.8	7.8	0	60	2.15
609500	5923800	21.4	-18.1	7.4	0	64	2.29
609525	5923800	21.4	-17.9	5.9	0	55	1.96
609550	5923800	21.4	-16.5	7.1	0	51	1.85
609575	5923800	21.4	-7.2	3.1	0	54	1.95
609600	5923800	21.4	-10.7	2.5	0	62	2.23
609625	5923800	21.4	-9.4	1.6	0	58	2.09

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610163.5	5923750	-0.2	36.4
610188.5	5923750	-11.7	-7.6
610214	5923750	-15	-25.8
610239.5	5923750	-6.2	-3.8
610264.5	5923750	-9.2	-16.2
610289.5	5923750	3.6	-22.2
610314.5	5923750	6.5	-11.7
610339.5	5923750	-16.2	-15.1
610364.5	5923750	-16.8	-16.9
610389.5	5923750	-2.4	-14
610414.5	5923750	-3.8	-5.4
610439.5	5923750	-2.6	13.6
610464.5	5923750	6	21.1
610489.5	5923750	6.3	16.3
610514.5	5923750	-0.4	3.1
610539.5	5923750	-16.4	-29.7
610564.5	5923750	-10.3	-28.6
610589.5	5923750	-8.3	-8
610614.5	5923750	-29.9	-17.8
610639.5	5923750	-12.9	-22.5
610664.5	5923750	14.7	-6.9
610689.5	5923750	21	9
610714.5	5923750	14.7	-4.1
610740	5923750	6.9	-2.4
610765.5	5923750	2.4	27.4
610790.5	5923750	-11.8	10.8
610815.5	5923750	-18.4	-32
610840.5	5923750	-16	-35.1
610865.5	5923750	-21.7	-15
609237.5	5923800	14.3	10.8
609262.5	5923800	32.3	24.6
609287.5	5923800	16	10.6
609312.5	5923800	-17.1	-14.3
609337.5	5923800	-25.1	-19.7
609362.5	5923800	-12.6	-6.5
609387.5	5923800	-23.5	-2.2
609412.5	5923800	-41.2	-9.7
609437.5	5923800	-28.7	-11.8
609462.5	5923800	-5	-5.2
609487.5	5923800	-1.5	-0.1
609512.5	5923800	-10.7	-1.5
609537.5	5923800	-4.2	-12.3
609562.5	5923800	7	-16.5
609587.5	5923800	6.7	-3.6
609612.5	5923800	2.5	3.9

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609650	5923800	24.8	-25.2	3.1	0	77	4.79
609675	5923800	24.8	-25.1	3.1	0	76	4.7
609701	5923800	24.8	-26.8	2.3	0	72	4.46
609726	5923800	24.8	-25.1	3.2	0	79	4.91
609751	5923800	24.8	-25.2	4.7	0	82	5.05
609776	5923800	24.8	-24.2	3.6	0	76	4.72
609801	5923800	24.8	-25.3	3	0	78	4.82
609826	5923800	24.8	-24.3	4.5	0	81	5.02
609851	5923800	24.8	-26.6	6.8	0	76	4.71
609876	5923800	24.8	-29.5	1.2	0	77	4.77
609901	5923800	24.8	-35.9	-4	0	75	4.62
609926	5923800	24.8	-38.4	-4	0	70	4.36
609951	5923800	24.8	-35.3	-6.2	0	71	4.41
609976	5923800	24.8	-43.9	-10.5	0	70	4.34
610001	5923800	24.8	-45.1	-14.5	0	71	4.39
610026	5923800	24.8	-43.3	-12.9	0	70	4.34
610051	5923800	24.8	-46.6	-12.2	0	62	3.85
610076	5923800	24.8	-40	-10.1	0	65	4.03
610101	5923800	24.8	-44.1	-10.5	0	57	3.55
610126	5923800	24.8	-40.4	-9.8	0	61	3.76
610151	5923800	24.8	-39.4	-9.6	2	64	3.97
610176	5923800	24.8	-43.6	-7.7	0	66	4.07
610201	5923800	24.8	-37.2	-5.3	0	67	4.16
610226	5923800	24.8	-36.4	-4.2	0	70	4.31
610252	5923800	24.8	-34.3	-1.6	0	69	4.28
610277	5923800	24.8	-35.1	0.4	0	59	3.65
610302	5923800	24.8	-32.9	-0.5	0	62	3.84
610327	5923800	24.8	-31.9	-2.1	0	66	4.1
610352	5923800	24.8	-32.2	-1.4	0	65	4.02
610377	5923800	24.8	-29.7	-3.1	0	69	4.26
610402	5923800	24.8	-27	0.4	0	66	4.07
610427	5923800	24.8	-30.9	-6.4	0	71	4.38
610452	5923800	24.8	-31.2	-5.3	0	66	4.09
610477	5923800	24.8	-33.1	-3.4	0	69	4.26
610502	5923800	24.8	-30	-2.6	0	71	4.37
610527	5923800	24.8	-33.5	-7	0	69	4.27
610552	5923800	24.8	-27.6	-5.7	0	69	4.27
610577	5923800	24.8	-18.7	-1.4	0	68	4.22
610602	5923800	24.8	-26.3	-4.7	0	70	4.3
610627	5923800	24.8	-25.9	-4.4	0	68	4.19
610652	5923800	24.8	-29.3	-7.8	0	70	4.32
610677	5923800	24.8	-24.5	-4.6	0	70	4.35
610702	5923800	24.8	-18.6	-1.9	0	73	4.52
610727	5923800	24.8	-18.1	-3.1	0	71	4.41
610752	5923800	24.8	-20.7	-3.1	0	71	4.39

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609650	5923800	21.4	-12.4	2.1	0	64	2.28
609675	5923800	21.4	-11.8	2.4	0	60	2.16
609701	5923800	21.4	-15.3	3.2	0	65	2.32
609726	5923800	21.4	-22.4	4.8	1	117	2.08
609751	5923800	21.4	-27.2	4.7	0	44	3.14
609776	5923800	21.4	-18.5	3.8	0	92	3.3
609801	5923800	21.4	-18.7	6.3	0	82	2.95
609826	5923800	21.4	-16.9	7.2	0	90	3.23
609851	5923800	21.4	-30.9	13.1	0	61	2.2
609876	5923800	21.4	-28.3	2.2	0	64	2.31
609901	5923800	21.4	-28.6	-2.9	0	66	2.37
609926	5923800	21.4	-33.4	-1.7	0	62	2.21
609951	5923800	21.4	-21.2	-6.8	0	73	2.63
609976	5923800	21.4	-32.6	-5.7	0	68	2.42
610001	5923800	21.4	-18.4	-8.2	1	74	2.67
610026	5923800	21.4	-20	-8.6	1	72	2.58
610051	5923800	21.4	-34.2	-8.8	0	54	1.95
610076	5923800	21.4	-32	-4.3	1	124	2.21
610101	5923800	21.4	-52.3	-1.7	0	45	1.62
610126	5923800	21.4	-39.7	-6.7	0	52	1.86
610151	5923800	21.4	-36.8	-6.7	0	67	2.39
610176	5923800	21.4	-44.3	-6.1	0	65	2.33
610201	5923800	21.4	-36.3	-3.2	0	73	2.62
610226	5923800	21.4	-31.4	-2.8	0	77	2.74
610252	5923800	21.4	-41.5	5.3	0	127	2.26
610277	5923800	21.4	-53	16.8	0	44	1.57
610302	5923800	21.4	-47.9	8.9	0	53	1.91
610327	5923800	21.4	-39.3	-0.4	0	77	2.76
610352	5923800	21.4	-43.2	3	0	63	2.25
610377	5923800	21.4	-25.6	-4	0	76	2.7
610402	5923800	21.4	-34	-3.4	0	83	2.97
610427	5923800	21.4	-26.8	-5.9	0	73	2.6
610452	5923800	21.4	-32.4	-2.3	0	69	2.48
610477	5923800	21.4	-44.5	-1.6	0	67	2.4
610502	5923800	21.4	-31.2	-3.9	0	73	2.6
610527	5923800	21.4	-45.4	-5.2	0	58	2.08
610552	5923800	21.4	-20.9	-3.5	0	73	2.63
610577	5923800	21.4	-15.1	6.7	0	63	2.24
610602	5923800	21.4	-32	-6.1	0	67	2.39
610627	5923800	21.4	-41.9	2.4	0	53	1.91
610652	5923800	21.4	-37.7	-12.1	0	70	2.51
610677	5923800	21.4	-22.9	-2.3	0	68	2.43
610702	5923800	21.4	-6	-1.6	0	72	2.57
610727	5923800	21.4	-4	-4.6	0	76	2.7
610752	5923800	21.4	-9.9	-5.1	0	74	2.63

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
609637.5	5923800	0.9	4.1
609662.5	5923800	2.3	5.3
609688	5923800	1.6	13.5
609713.5	5923800	-1.6	22.5
609738.5	5923800	-2.5	8
609763.5	5923800	-0.8	-12.4
609788.5	5923800	0.2	-10.1
609813.5	5923800	1.4	10.6
609838.5	5923800	6.5	23.6
609863.5	5923800	14.5	9.1
609888.5	5923800	18.2	2.8
609913.5	5923800	8.3	-2.3
609938.5	5923800	4.9	-8.2
609963.5	5923800	15.3	-3.6
609988.5	5923800	9.2	-15.4
610013.5	5923800	0.9	3.2
610038.5	5923800	-1.8	27.8
610063.5	5923800	-5.8	30.1
610088.5	5923800	-2.1	25.8
610113.5	5923800	-4.3	-7.8
610138.5	5923800	-1.5	-10.9
610163.5	5923800	1	4.1
610188.5	5923800	-9.4	-13.4
610213.5	5923800	-10.1	-7.7
610239	5923800	-4.2	26.8
610264.5	5923800	-2.7	28
610289.5	5923800	-4.6	-7.3
610314.5	5923800	-3.9	-18.4
610339.5	5923800	-2.9	-18.4
610364.5	5923800	-7.4	-22.9
610389.5	5923800	-4	-8
610414.5	5923800	5.4	-0.4
610439.5	5923800	6.4	16.1
610464.5	5923800	1	16.5
610489.5	5923800	-0.8	-0.3
610514.5	5923800	-2	-9.4
610539.5	5923800	-17.2	-40.6
610564.5	5923800	-16.1	-19.2
610589.5	5923800	5.9	37.9
610614.5	5923800	10.2	32.5
610639.5	5923800	1.6	-13.3
610664.5	5923800	-12.1	-50.7
610689.5	5923800	-17.1	-50.6
610714.5	5923800	-4.3	-15
610739.5	5923800	6.2	18.2

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610778	5923800	24.8	-22.2	-3.6	0	72	4.46
610803	5923800	24.8	-34	-12.3	0	72	4.46
610828	5923800	24.8	-36	-14.4	0	74	4.56
610853	5923800	24.8	-38.1	-17.6	0	73	4.5
610878	5923800	24.8	-45.4	-20.4	0	67	4.13
609250	5923850	24.8	-28.5	0.5	-19	75	2.3
609275	5923850	24.8	-29.2	-5.5	-6	80	2.4
609300	5923850	24.8	-32.2	-6.4	-7	81	2.5
609325	5923850	24.8	-32.3	-3.1	-4	82	2.5
609350	5923850	24.8	-33.2	-6.6	-6	82	2.5
609375	5923850	24.8	-32.6	-1.9	-22	81	2.6
609400	5923850	24.8	-30.1	-1.2	4	82	2.5
609425	5923850	24.8	-26.6	1.5	-9	85	2.6
609450	5923850	24.8	-26.4	0.7	-15	78	2.4
609475	5923850	24.8	-26.1	2.2	-4	84	2.5
609500	5923850	24.8	-26	5.1	-12	83	2.6
609525	5923850	24.8	-31.7	4.9	-14	88	2.7
609550	5923850	24.8	-33.9	1.6	-8	85	2.6
609575	5923850	24.8	-35.3	-3	-22	83	2.6
609600	5923850	24.8	-36	-1.4	-15	84	2.6
609625	5923850	24.8	-33.4	-2.5	5	88	2.7
609650	5923850	24.8	-35.4	0.9	-6	88	2.7
609675	5923850	24.8	-33	1.9	8	90	2.7
609700	5923850	24.8	-38.3	-31.6	62	-24	1
609725	5923850	24.8	-27.8	5.3	-2	94	2.9
609750	5923850	24.8	-31.5	0	0	93	2.8
609775	5923850	24.8	-33.3	-1.5	1	91	2.8
609800	5923850	24.8	-35.3	-4	-10	88	2.7
609825	5923850	24.8	-38.3	-3.6	-2	86	2.6
609850	5923850	24.8	-28.4	0.9	-23	79	2.5
609875	5923850	24.8	-30.2	-0.5	7	82	2.5
609900	5923850	24.8	-27.2	-0.5	22	84	2.6
609925	5923850	24.8	-22.8	0	-20	83	2.6
609950	5923850	24.8	-31.2	-6.3	2	83	2.5
609975	5923850	24.8	-31	-12.8	5	79	2.4
610000	5923850	24.8	-31.8	-10.1	5	79	2.4
610025	5923850	24.8	-35.3	-10.3	0	77	2.3
610050	5923850	24.8	-34.5	-13.6	25	72	2.3
610075	5923850	24.8	-38.8	-11.3	15	75	2.3
610100	5923850	24.8	-33.1	-6.9	-1	75	2.3
610125	5923850	24.8	-31.4	-15.1	-5	75	2.3
610150	5923850	24.8	-31.9	-10.9	-11	75	2.3
610175	5923850	24.8	-38.5	-7.5	-5	73	2.2
610200	5923850	24.8	-34.5	-12.8	-9	73	2.2
610225	5923850	24.8	-33.9	-10.5	-11	72	2.2

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610778	5923800	21.4	-18.3	-4.9	0	71	2.53
610803	5923800	21.4	-30.1	-15.9	0	73	2.61
610828	5923800	21.4	-32.9	-12.2	0	74	2.67
610853	5923800	21.4	-28.7	-15.5	0	67	2.42
610878	5923800	21.4	-46	-17.5	0	62	2.23
609250	5923850	21.4	-23.7	3.5	90	76	2.1
609275	5923850	21.4	-26.8	2.3	81	87	2.1
609300	5923850	21.4	-31.4	-0.7	74	88	2
609325	5923850	21.4	-32.5	-2.3	69	87	1.9
609350	5923850	21.4	-27	3	79	94	2.2
609375	5923850	21.4	-23.7	6.1	92	90	2.3
609400	5923850	21.4	-23.3	8.2	51	97	1.9
609425	5923850	21.4	-25.4	7.5	75	90	2
609450	5923850	21.4	-25.2	8	79	82	2
609475	5923850	21.4	-24.8	7	73	90	2
609500	5923850	21.4	-22.1	9.1	83	92	2.2
609525	5923850	21.4	-21.6	7.2	79	92	2.1
609550	5923850	21.4	-20.3	5.7	72	95	2.1
609575	5923850	21.4	-18.8	4.8	81	77	2
609600	5923850	21.4	-18.3	4.4	79	87	2.1
609625	5923850	21.4	-19.2	2.8	52	100	2
609650	5923850	21.4	-18.8	1.4	30	46	1.9
609675	5923850	21.4	-19.1	0.5	23	51	2
609700	5923850	21.4	-21.3	-7.3	68	62	1.6
609725	5923850	21.4	-18.3	2.5	49	76	3.2
609750	5923850	21.4	-21.5	0.1	49	80	3.3
609775	5923850	21.4	-24.1	-1.4	47	74	3.1
609800	5923850	21.4	-23.2	-0.9	56	64	3
609825	5923850	21.4	-23.3	-0.4	51	70	3
609850	5923850	21.4	-18.9	2.6	62	53	2.9
609875	5923850	21.4	-17.3	-0.7	45	75	3.1
609900	5923850	21.4	-14.2	-0.6	29	77	2.9
609925	5923850	21.4	-12.3	-0.6	62	52	2.8
609950	5923850	21.4	-10.7	-3.1	47	68	2.9
609975	5923850	21.4	-5.3	-4.5	42	68	2.8
610000	5923850	21.4	-7.5	-3.7	37	70	2.8
610025	5923850	21.4	-12.5	-5.1	38	65	2.7
610050	5923850	21.4	-15.7	-6.2	12	77	2.8
610075	5923850	21.4	-15.1	-8.3	18	73	2.7
610100	5923850	21.4	-17.1	-4.2	33	66	2.6
610125	5923850	21.4	-18.3	-5.1	37	63	2.6
610150	5923850	21.4	-21.9	-4.5	40	60	2.6
610175	5923850	21.4	-23.9	-5.9	36	65	2.6
610200	5923850	21.4	-25.1	-1	39	66	2.7
610225	5923850	21.4	-27.3	-0.9	43	63	2.7

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610765	5923800	17.4	34.5
610790.5	5923800	27.1	34.8
610815.5	5923800	17.9	13.2
610840.5	5923800	13.5	11.7
610865.5	5923800	6.5	17.7
609237.5	5923850	10.8	10.5
609262.5	5923850	6.7	13.9
609287.5	5923850	6.8	13.4
609312.5	5923850	4.1	1.3
609337.5	5923850	1.3	-13.2
609362.5	5923850	-2.8	-12.5
609387.5	5923850	-9.1	-2
609412.5	5923850	-9.7	3.6
609437.5	5923850	-4.2	1.3
609462.5	5923850	-0.9	-3.7
609487.5	5923850	5.2	-6.3
609512.5	5923850	13.5	-5
609537.5	5923850	11.5	-4.6
609562.5	5923850	5.7	-4.8
609587.5	5923850	0.2	-1.6
609612.5	5923850	-2.5	0.9
609637.5	5923850	-1	0.4
609662.5	5923850	2.5	2.4
609687.5	5923850	-2.3	1.7
609712.5	5923850	-12	-0.6
609737.5	5923850	-1.3	6
609762.5	5923850	9.3	7.5
609787.5	5923850	8.8	0.9
609812.5	5923850	-1.9	-5.1
609837.5	5923850	-15	-10.3
609862.5	5923850	-9.3	-10.7
609887.5	5923850	-8.6	-9.7
609912.5	5923850	-3.4	-8.5
609937.5	5923850	12.2	-10.5
609962.5	5923850	8.8	-10.2
609987.5	5923850	4.9	4
610012.5	5923850	7	15.4
610037.5	5923850	6.2	10.8
610062.5	5923850	2.1	4
610087.5	5923850	-8.8	4.6
610112.5	5923850	-8.6	8
610137.5	5923850	5.9	10.4
610162.5	5923850	9.7	8.8
610187.5	5923850	-2	6.6
610212.5	5923850	-3.5	4.7

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610250	5923850	24.8	-35.6	-6.2	3	77	2.3
610275	5923850	24.8	-30.5	-5.2	-24	70	2.2
610300	5923850	24.8	-28.9	-3	-4	76	2.3
610325	5923850	24.8	-28.1	0	-7	73	2.2
610350	5923850	24.8	-27.4	-0.2	10	78	2.4
610375	5923850	24.8	-24.9	-5.1	-7	75	2.3
610400	5923850	24.8	-29.4	-4.8	-6	73	2.2
610425	5923850	24.8	-30.1	-6.4	-2	75	2.3
610450	5923850	24.8	-30.3	-5.4	-15	73	2.3
610475	5923850	24.8	-28.1	-8.1	-7	74	2.3
610500	5923850	24.8	-33.3	-11.7	-17	72	2.2
610525	5923850	24.8	-32.1	-11.8	-7	73	2.2
610550	5923850	24.8	-28.1	-12	-7	74	2.2
610575	5923850	24.8	-28.1	-7	-21	74	2.3
610600	5923850	24.8	-24.4	-7.6	-9	73	2.2
610625	5923850	24.8	-25	-7.8	-5	74	2.2
610650	5923850	24.8	-23	-4.8	-10	81	2.5
610675	5923850	24.8	-41.2	-20.8	-11	74	2.3
610700	5923850	24.8	-42.8	-18.4	-18	74	2.3
610725	5923850	24.8	-28.3	-10.6	-23	80	2.5
610750	5923850	24.8	-32.5	-13.5	-11	80	2.4
610775	5923850	24.8	-31.9	-19.1	11	78	2.4
610800	5923850	24.8	-32	-16.7	10	76	2.3
610825	5923850	24.8	-33.5	-17.8	-14	73	2.3
610850	5923850	24.8	-36.2	-16.2	-30	68	2.3
610875	5923850	24.8	-30.3	-16.6	-20	73	2.3
609250	5923900	24.8	-32.1	-2.5	14	75	2.3
609275	5923900	24.8	-25.3	2.7	9	79	2.4
609300	5923900	24.8	-28	0.5	39	77	2.6
609325	5923900	24.8	-34.8	-6.5	25	81	2.6
609350	5923900	24.8	-35.2	-8.9	21	78	2.4
609375	5923900	24.8	-36.9	-5.9	23	79	2.5
609400	5923900	24.8	-26.6	2.9	21	82	2.6
609425	5923900	24.8	-40.5	1.2	0	74	4.59
609450	5923900	24.8	-42.2	0	0	71	4.38
609450	5923900	24.8	-43.9	-1.7	0	69	4.24
609475	5923900	24.8	-47.8	-2.5	0	66	4.09
609500	5923900	24.8	-44.8	-1	0	70	4.33
609525	5923900	24.8	-45.6	-0.3	0	71	4.4
609550	5923900	24.8	-52.3	-3.9	0	66	4.1
609575	5923900	24.8	-53.7	-6.1	0	68	4.22
609600	5923900	24.8	-55.1	-5.8	0	70	4.32
609625	5923900	24.8	-56.6	-10.2	0	64	3.99
609650	5923900	24.8	-58	-10.9	0	64	3.97
609675	5923900	24.8	-57.9	-12.9	0	65	4.05

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610250	5923850	21.4	-26.4	-1.9	30	73	2.8
610275	5923850	21.4	-25.8	3.7	48	55	2.6
610300	5923850	21.4	-27.8	2.2	34	64	2.6
610325	5923850	21.4	-20.6	1.7	39	63	2.6
610350	5923850	21.4	-23.3	-6.2	29	69	2.6
610375	5923850	21.4	-22.8	-5.8	45	61	2.7
610400	5923850	21.4	-20.7	-1	37	65	2.6
610425	5923850	21.4	-19.2	0.1	39	67	2.7
610450	5923850	21.4	-22	-0.4	45	60	2.6
610475	5923850	21.4	-22.3	-3	40	63	2.6
610500	5923850	21.4	-27.2	-6.7	46	54	2.5
610525	5923850	21.4	-28.1	-5.3	46	68	2.9
610550	5923850	21.4	-28.8	-6.2	48	64	2.8
610575	5923850	21.4	-20.8	3.1	50	62	2.8
610600	5923850	21.4	-21.8	-0.8	45	66	2.8
610625	5923850	21.4	-20.5	-1	41	70	2.9
610650	5923850	21.4	-24.8	-1.8	47	60	2.7
610675	5923850	21.4	-18.1	-8.8	50	63	2.8
610700	5923850	21.4	-26.6	-9.7	50	61	2.8
610725	5923850	21.4	-11.5	-4.3	54	64	3
610750	5923850	21.4	-12.9	-7.2	53	65	3
610775	5923850	21.4	-15.5	-10.1	37	76	3
610800	5923850	21.4	-16.7	-8.4	38	74	3
610825	5923850	21.4	-17.5	-5.4	49	62	2.8
610850	5923850	21.4	-23.3	-4.6	59	49	2.7
610875	5923850	21.4	-26.1	-8.9	59	61	3
609250	5923900	21.4	-27	-3	74	53	3.2
609275	5923900	21.4	-27.7	-2.6	70	50	3
609300	5923900	21.4	-26.3	-1.8	93	38	3.6
609325	5923900	21.4	-30.8	-7.7	85	48	3.4
609350	5923900	21.4	-32	-6.9	85	45	3.4
609375	5923900	21.4	-32.4	-8.8	80	55	3.4
609400	5923900	21.4	-27.4	-4.3	82	48	3.4
609425	5923900	21.4	53.2	-7.7	0	56	2.02
609450	5923900	21.4	55.2	-7.8	0	55	1.97
609450	5923900	21.4	-43.6	6.3	0	58	2.08
609475	5923900	21.4	-61	11.1	0	47	1.7
609500	5923900	21.4	-40.7	6.1	0	111	1.98
609525	5923900	21.4	-46.8	7.9	0	53	1.9
609550	5923900	21.4	-46.5	3.8	0	55	1.98
609575	5923900	21.4	-45.8	0.4	0	56	2.02
609600	5923900	21.4	-45.9	2.4	1	53	1.91
609625	5923900	21.4	-37.1	-3	0	59	2.1
609650	5923900	21.4	-48.8	-5.3	0	53	1.92
609675	5923900	21.4	-47.4	-5	0	54	1.94

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610237.5	5923850	-2.3	-0.2
610262.5	5923850	-10.1	-0.1
610287.5	5923850	-9.1	-3.8
610312.5	5923850	-3.9	-9.7
610337.5	5923850	-4.7	-2.3
610362.5	5923850	-1.2	-0.4
610387.5	5923850	7.2	-6.2
610412.5	5923850	6.1	-2.3
610437.5	5923850	-1.1	4.4
610462.5	5923850	1	8.3
610487.5	5923850	7	11
610512.5	5923850	-1.2	7.4
610537.5	5923850	-9.2	-5.7
610562.5	5923850	-7.7	-14.3
610587.5	5923850	-6.8	-7.3
610612.5	5923850	-4.5	2.7
610637.5	5923850	14.8	0.6
610662.5	5923850	36	-0.6
610687.5	5923850	6.9	-4.8
610712.5	5923850	-23.2	-20.3
610737.5	5923850	-6.7	-9.7
610762.5	5923850	3.1	7.8
610787.5	5923850	1.1	5.8
610812.5	5923850	5.8	8.6
610837.5	5923850	1	15.2
610862.5	5923850	-5.8	13.6
609237.5	5923900	-1.1	1.1
609262.5	5923900	-7.6	0.1
609287.5	5923900	5.4	2.4
609312.5	5923900	16.7	8.8
609337.5	5923900	9.3	7.3
609362.5	5923900	-6.5	-3
609387.5	5923900	-5	-90.2
609412.5	5923900	19.2	-168.2
609437.5	5923900	19	14.2
609450	5923900	9	213
609462.5	5923900	6.5	113.3
609487.5	5923900	-1.3	-17.1
609512.5	5923900	5.3	-8.4
609537.5	5923900	15.6	4.8
609562.5	5923900	10.9	-1.6
609587.5	5923900	5.7	-9.3
609612.5	5923900	5.8	-5.8
609637.5	5923900	4.2	13.2
609662.5	5923900	6.5	26.1

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609701	5923900	24.8	-63.2	-14.5	0	65	4
609726	5923900	24.8	-56.8	-11.5	1	67	4.15
609751	5923900	24.8	-54.6	-9.9	0	66	4.08
609776	5923900	24.8	-55.1	-8.9	0	66	4.08
609801	5923900	24.8	-55.8	-7.1	0	63	3.9
609826	5923900	24.8	-57.7	-7.3	0	68	4.21
609851	5923900	24.8	-57.2	-4.7	0	65	4.03
609876	5923900	24.8	-53.3	-9.6	0	65	4.05
609901	5923900	24.8	-61.7	-14.3	0	59	3.67
609926	5923900	24.8	-61.4	-14.9	0	59	3.66
609951	5923900	24.8	-59.1	-15.2	0	57	3.52
609976	5923900	24.8	-56.8	-16.9	0	58	3.57
610001	5923900	24.8	-52.2	-16.8	0	59	3.67
610026	5923900	24.8	-57.6	-17.1	0	57	3.52
610051	5923900	24.8	-56.5	-15.8	0	58	3.58
610076	5923900	24.8	-74	-16.1	0	51	3.17
610101	5923900	24.8	-50.9	-9.5	0	53	3.31
610126	5923900	24.8	-63.9	-9.8	0	54	3.33
610151	5923900	24.8	-58.4	-6.3	0	52	3.24
610176	5923900	24.8	-54.9	-9.5	0	55	3.38
610201	5923900	24.8	-54.1	-7.1	0	57	3.5
610226	5923900	24.8	-65.1	-13.2	0	53	3.3
610252	5923900	24.8	-61.2	-13.4	0	54	3.35
610277	5923900	24.8	-50.2	-6.7	0	58	3.61
610302	5923900	24.8	-43.7	-3	0	59	3.67
610327	5923900	24.8	-52.4	-1.4	0	57	3.52
610352	5923900	24.8	-44.3	-2	0	61	3.76
610377	5923900	24.8	-46.6	-6.4	0	59	3.64
610402	5923900	24.8	-46.9	-8.2	0	60	3.69
610427	5923900	24.8	-42.5	-7.5	0	60	3.7
610452	5923900	24.8	-39.8	-5.5	0	60	3.72
610477	5923900	24.8	-42.2	-7.9	0	61	3.76
610502	5923900	24.8	-39.4	-8.4	0	58	3.58
610527	5923900	24.8	-46.1	-8.6	0	59	3.65
610552	5923900	24.8	-36.8	-7.6	0	62	3.85
610577	5923900	24.8	-53.9	-7.3	0	51	3.19
610602	5923900	24.8	-34.1	-6.5	0	66	4.1
610627	5923900	24.8	-37.3	-12.1	0	66	4.1
610652	5923900	24.8	-41.6	-12.4	0	63	3.88
610652	5923900	24.8	-39.6	-11.6	0	64	3.94
610677	5923900	24.8	-47.9	-16.3	0	63	3.91
610702	5923900	24.8	-49	-21.6	0	64	3.96
610727	5923900	24.8	-51.7	-24	0	61	3.79
610752	5923900	24.8	-55.2	-24.2	0	67	4.14
610778	5923900	24.8	-52.4	-18.2	0	73	4.49

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609701	5923900	21.4	-64.6	-3.1	0	51	1.83
609726	5923900	21.4	-53.3	-4.5	0	54	1.92
609751	5923900	21.4	-48.7	-3.9	0	54	1.93
609776	5923900	21.4	-46.4	-3.2	0	56	2
609801	5923900	21.4	-54.6	0	0	48	1.74
609826	5923900	21.4	-62.3	1.6	0	91	1.63
609851	5923900	21.4	-57.2	1.9	0	46	1.65
609876	5923900	21.4	-43	-3.1	0	93	1.66
609901	5923900	21.4	-55.7	-6.5	0	39	1.42
609926	5923900	21.4	-48.8	-8.3	0	88	1.56
609951	5923900	21.4	-42.3	-7.8	0	80	1.43
609976	5923900	21.4	-31.5	-5.3	0	94	1.69
610001	5923900	21.4	-34.4	-6.8	0	49	1.76
610026	5923900	21.4	-39.4	-6.5	0	86	1.53
610051	5923900	21.4	-41.3	-7.7	0	91	1.62
610076	5923900	21.4	-84.6	5.2	0	29	1.06
610101	5923900	21.4	-52.2	-0.2	0	66	1.18
610126	5923900	21.4	-77.5	1.6	0	70	1.25
610151	5923900	21.4	-78.1	7.3	0	64	1.14
610176	5923900	21.4	-64.3	-3.4	0	78	1.39
610201	5923900	21.4	-71.7	0.2	0	81	1.44
610226	5923900	21.4	-87.1	6	0	66	1.19
610252	5923900	21.4	-75.2	-3.8	0	77	1.38
610277	5923900	21.4	-64.3	2.7	0	96	1.72
610302	5923900	21.4	-51.3	0	0	55	1.97
610327	5923900	21.4	-79.5	15.7	0	38	1.37
610352	5923900	21.4	-59.6	5	0	89	1.58
610377	5923900	21.4	-48	-5.4	0	102	1.82
610402	5923900	21.4	-54.2	-5.3	0	47	1.7
610427	5923900	21.4	-45.9	-5.7	0	102	1.82
610452	5923900	21.4	-42.1	-2.9	0	54	1.94
610477	5923900	21.4	-44.2	-1.9	0	55	1.98
610502	5923900	21.4	-41.9	-5.7	0	46	1.66
610527	5923900	21.4	-70.8	-1.1	0	88	1.57
610552	5923900	21.4	-43.9	-4.7	0	115	2.06
610577	5923900	21.4	-98	33.9	0	28	1.02
610602	5923900	21.4	-50	-0.9	0	110	1.96
610627	5923900	21.4	-47.7	-9.1	0	55	1.98
610652	5923900	21.4	-56.5	-10.2	0	55	1.99
610652	5923900	21.4	-56.8	-9.2	0	56	2
610677	5923900	21.4	-47.3	-13.8	0	59	2.12
610702	5923900	21.4	-32.9	-14.9	0	70	2.52
610727	5923900	21.4	-37.9	-16	0	69	2.48
610752	5923900	21.4	-53.4	-18.1	0	69	2.46
610778	5923900	21.4	-57.1	-11.6	0	69	2.46

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
609688	5923900	4.1	21.7
609713.5	5923900	-9.7	-10
609738.5	5923900	-10.3	-22.8
609763.5	5923900	-0.5	-1
609788.5	5923900	3.8	21.8
609813.5	5923900	4	18.5
609838.5	5923900	-3	-16.7
609863.5	5923900	0.1	-20.8
609888.5	5923900	12.6	4.3
609913.5	5923900	5.5	-7.6
609938.5	5923900	-7.2	-30.7
609963.5	5923900	-11.5	-25.2
609988.5	5923900	-6.1	0
610013.5	5923900	5.1	14.8
610038.5	5923900	20.7	52.1
610063.5	5923900	10.8	56.1
610088.5	5923900	-15.7	3.8
610113.5	5923900	-2.6	18.8
610138.5	5923900	-1.5	12.7
610163.5	5923900	-13.3	-19.6
610188.5	5923900	5.9	16.4
610213.5	5923900	17.3	26.3
610239	5923900	-7.8	-19.3
610264.5	5923900	-32.4	-46.7
610289.5	5923900	-15.3	-8.7
610314.5	5923900	2.8	23.5
610339.5	5923900	-5.2	-23.2
610364.5	5923900	-3.2	-36.9
610389.5	5923900	-1.5	-7.5
610414.5	5923900	-11.2	-14.2
610439.5	5923900	-7.4	-13.8
610464.5	5923900	-0.7	-1.9
610489.5	5923900	3.5	26.4
610514.5	5923900	1.3	28.6
610539.5	5923900	5.2	29.2
610564.5	5923900	5.1	33.3
610589.5	5923900	-19.3	-44.2
610614.5	5923900	-9.1	-43.8
610639.5	5923900	9.8	15.6
610652	5923900	8.6	-0.1
610664.5	5923900	15.7	-33.1
610689.5	5923900	13.2	-33.3
610714.5	5923900	10	11.1
610739.5	5923900	6.9	39.7
610765	5923900	-9	10.3

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610803	5923900	24.8	-45.5	-14.7	0	77	4.76
610828	5923900	24.8	-46.6	-7.4	0	68	4.22
610853	5923900	24.8	-42	-9.1	0	78	4.8
610878	5923900	24.8	-45.1	-12.6	0	74	4.59
609250	5923950	24.8	-38.1	-11	-14	79	2.4
609275	5923950	24.8	-41	-6.2	-11	77	2.4
609300	5923950	24.8	-45.5	-6.8	3	78	2.4
609325	5923950	24.8	-37.8	-2.5	-6	79	2.4
609350	5923950	24.8	-46.5	-11.2	-4	77	2.3
609375	5923950	24.8	-44.3	-4.9	-22	72	2.3
609400	5923950	24.8	-42.5	-7.3	-10	77	2.3
609425	5923950	24.8	-40.6	-4.2	-10	72	2.2
609450	5923950	24.8	-46.1	-3.9	-8	76	2.3
609475	5923950	24.8	-49.5	-2.4	-11	82	2.5
609500	5923950	24.8	-49.5	-2.8	0	80	2.4
609525	5923950	24.8	-51.8	-7.6	-4	78	2.4
609550	5923950	24.8	-47.6	0.6	-11	76	2.3
609575	5923950	24.8	-47.8	0.6	-9	74	2.3
609600	5923950	24.8	-53.2	-7.7	-8	76	2.3
609625	5923950	24.8	-51.5	-2.9	-6	76	2.3
609650	5923950	24.8	-54.2	-7.2	-5	71	2.2
609675	5923950	24.8	-58.6	-13.2	-19	67	2.1
609700	5923950	24.8	-62	-15.5	-4	70	2.1
609725	5923950	24.8	-58.7	-14.4	-10	71	2.2
609750	5923950	24.8	-59.3	-18.2	-12	72	2.2
609775	5923950	24.8	-59.6	-19.1	-12	71	2.2
609800	5923950	24.8	-58	-13.2	-16	69	2.1
609825	5923950	24.8	-55.2	-18.5	-6	70	2.1
609850	5923950	24.8	-52.3	-12.9	-18	68	2.1
609875	5923950	24.8	-48.7	-9.9	-7	72	2.2
609900	5923950	24.8	-49.3	-9.4	-17	68	2.1
609925	5923950	24.8	-50.8	-13.8	-15	68	2.1
609950	5923950	24.8	-46.9	-16.1	-17	66	2.1
609975	5923950	24.8	-49	-13.3	-16	63	2
610000	5923950	24.8	-42.2	-13.7	-19	64	2
610025	5923950	24.8	-45.3	-12.4	-19	64	2
610050	5923950	24.8	-44.1	-6.5	-4	65	2
610075	5923950	24.8	-41.4	-8.4	-7	65	2
610100	5923950	24.8	-45.6	-7.6	-6	66	2
610125	5923950	24.8	-42.5	-5.2	-22	62	2
610150	5923950	24.8	-41	-11.7	-15	66	2.1
610175	5923950	24.8	-40.5	-7.4	-9	64	2
610200	5923950	24.8	-52.1	-12.9	-21	60	1.9
610225	5923950	24.8	-47.7	-12	-23	62	2
610250	5923950	24.8	-46.9	-7.2	-23	60	1.9

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610803	5923900	21.4	-44.5	-10.9	0	76	2.72
610828	5923900	21.4	-88.5	7.4	0	74	1.33
610853	5923900	21.4	-53.2	-5.6	0	127	2.27
610878	5923900	21.4	-60.2	-14.2	0	64	2.28
609250	5923950	21.4	-32.2	-3.2	59	94	1.9
609275	5923950	21.4	-31.2	-3.2	53	102	2
609300	5923950	21.4	-35	-5.3	42	107	2
609325	5923950	21.4	-38.1	-0.7	40	104	1.9
609350	5923950	21.4	-38.5	-7.6	50	101	2
609375	5923950	21.4	-40.3	-6.1	71	83	1.9
609400	5923950	21.4	-39.7	-6.3	62	94	2
609425	5923950	21.4	-37.6	-6.8	69	92	2
609450	5923950	21.4	-37.2	-6.8	73	94	2.1
609475	5923950	21.4	-35.2	-6.3	81	97	2.2
609500	5923950	21.4	-28.6	-2.5	71	110	2.3
609525	5923950	21.4	-28	0.1	67	105	2.2
609550	5923950	21.4	-25.2	-0.7	73	99	2.2
609575	5923950	21.4	-22.5	-2.2	66	99	2.1
609600	5923950	21.4	-22	-3.5	67	97	2.1
609625	5923950	21.4	-24.7	-3.4	66	98	2.1
609650	5923950	21.4	-26.2	-5.9	65	99	2.1
609675	5923950	21.4	-32.6	-6.4	84	83	2.1
609700	5923950	21.4	-36.2	-10.5	62	96	2
609725	5923950	21.4	-34	-10.6	70	89	2
609750	5923950	21.4	-36.5	-14	72	94	2.1
609775	5923950	21.4	-36.6	-13.4	79	100	2.2
609800	5923950	21.4	-35.7	-13.2	80	95	2.2
609825	5923950	21.4	-32.7	-12.8	77	101	2.2
609850	5923950	21.4	-27.4	-8.6	96	86	2.3
609875	5923950	21.4	-17.6	-5.5	82	99	2.3
609900	5923950	21.4	-16.3	-6.2	96	89	2.3
609925	5923950	21.4	-11.6	-6.8	90	89	2.2
609950	5923950	21.4	-11.8	-7.5	86	88	2.2
609975	5923950	21.4	-11.9	-7.1	83	90	2.1
610000	5923950	21.4	-10.9	-7.5	79	87	2.1
610025	5923950	21.4	-17.1	-6.6	77	83	2
610050	5923950	21.4	-14.6	-8.7	53	101	2
610075	5923950	21.4	-16.2	-7.8	61	98	2
610100	5923950	21.4	-22.2	-9.4	59	94	1.9
610125	5923950	21.4	-25.8	-8.5	80	80	2
610150	5923950	21.4	-27.2	-10	70	93	2
610175	5923950	21.4	-30.2	-5.8	69	91	2
610200	5923950	21.4	-34.9	-7.8	78	73	1.9
610225	5923950	21.4	-34	-8.6	79	78	1.9
610250	5923950	21.4	-38.6	-8.8	78	75	1.9

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610790.5	5923900	-15.5	22.5
610815.5	5923900	-9.3	40.1
610840.5	5923900	-5	-19.6
610865.5	5923900	4.3	-12.7
609237.5	5923950	-12.7	1.7
609262.5	5923950	3.7	2.4
609287.5	5923950	4.2	9.7
609312.5	5923950	-2.2	10.4
609337.5	5923950	7.5	5.7
609362.5	5923950	2.5	3.4
609387.5	5923950	-7.7	-1.5
609412.5	5923950	-0.1	-5.2
609437.5	5923950	12.5	-4.9
609462.5	5923950	12.3	-11
609487.5	5923950	5.7	-15.8
609512.5	5923950	0.4	-10.6
609537.5	5923950	-5.9	-8.9
609562.5	5923950	1.6	-8.7
609587.5	5923950	9.3	-1
609612.5	5923950	4.7	6.4
609637.5	5923950	8.1	12.1
609662.5	5923950	14.9	17.9
609687.5	5923950	7.9	11.4
609712.5	5923950	-2.6	1.7
609737.5	5923950	-1.8	2.9
609762.5	5923950	-0.4	1.8
609787.5	5923950	-5.7	-4.7
609812.5	5923950	-10.1	-12.2
609837.5	5923950	-12.2	-23.4
609862.5	5923950	-9.5	-26.2
609887.5	5923950	-0.9	-17.1
609912.5	5923950	-0.3	-10.5
609937.5	5923950	-4.2	-4.2
609962.5	5923950	-6.5	-0.6
609987.5	5923950	-8.4	4.3
610012.5	5923950	-1.8	8.9
610037.5	5923950	-2	2.8
610062.5	5923950	-2.4	6.7
610087.5	5923950	2.6	17.2
610112.5	5923950	-3.5	14.6
610137.5	5923950	-6.6	9.4
610162.5	5923950	9.1	12.1
610187.5	5923950	18.3	11.5
610212.5	5923950	2	7.5
610237.5	5923950	-11.9	4.4

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610275	5923950	24.8	-41	-8	-7	67	2
610300	5923950	24.8	-39	-6.9	-2	68	2.1
610325	5923950	24.8	-40.6	-7.2	0	68	2.1
610350	5923950	24.8	-39.1	-3.8	-2	66	2
610375	5923950	24.8	-40.9	-8.8	6	69	2.1
610400	5923950	24.8	-42.9	-8.2	6	68	2.1
610425	5923950	24.8	-42.4	-10.7	2	70	2.1
610450	5923950	24.8	-45.4	-9.2	-20	69	2.2
610475	5923950	24.8	-43.6	-10.9	-19	72	2.2
610500	5923950	24.8	-42.1	-15.4	-27	70	2.3
610525	5923950	24.8	-40.7	-16.5	1	75	2.3
610550	5923950	24.8	-41	-18	-10	76	2.3
610575	5923950	24.8	-42.6	-22.5	-23	75	2.4
610600	5923950	24.8	-54.4	-27.4	-24	79	2.5
610625	5923950	24.8	-43.2	-18.9	-33	81	2.7
610650	5923950	24.8	-43.6	-21.6	-29	87	2.8
610675	5923950	24.8	-43	-19.6	-9	89	2.7
610700	5923950	24.8	-47.8	-27.8	-35	76	2.6
610725	5923950	24.8	-48.3	-28.9	-11	84	2.6
610750	5923950	24.8	-47.6	-29	-25	81	2.6
610775	5923950	24.8	-47.5	-24.8	-13	80	2.5
610800	5923950	24.8	-45.7	-23.9	-19	84	2.6
610825	5923950	24.8	-45.8	-23	-18	77	2.4
610850	5923950	24.8	-45.3	-21.2	-6	82	2.5
610875	5923950	24.8	-35.7	-8.5	-10	84	2.6
609250	5924000	24.8	-40.8	-6.9	24	75	2.4
609275	5924000	24.8	-42.5	-7.9	17	80	2.5
609300	5924000	24.8	-39.4	-6.4	16	81	2.5
609325	5924000	24.8	-43.8	-4.8	18	79	2.5
609350	5924000	24.8	-42.8	-2.2	20	77	2.4
609375	5924000	24.8	-40	0	18	79	2.4
609400	5924000	24.8	-34.3	2.7	11	80	2.4
609425	5924000	24.8	-19.1	5.2	0	75	4.61
609450	5924000	24.8	-30.1	2.2	0	70	4.33
609475	5924000	24.8	-31	3	0	71	4.36
609500	5924000	24.8	-35.9	2.4	0	69	4.28
609525	5924000	24.8	-28.9	3.1	0	69	4.29
609550	5924000	24.8	-29.5	2.4	0	73	4.49
609575	5924000	24.8	-28.8	4	0	75	4.66
609600	5924000	24.8	-27.8	4.4	0	75	4.64
609625	5924000	24.8	-32.4	0.5	0	67	4.14
609650	5924000	24.8	-28.7	1.5	0	68	4.18
609675	5924000	24.8	-28.4	-2.2	0	66	4.1
609701	5924000	24.8	-28.4	-2.7	0	65	3.99
609726	5924000	24.8	-22.9	1	0	67	4.14

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610275	5923950	21.4	-34.7	-8.6	66	103	2.1
610300	5923950	21.4	-35.1	-6.7	57	106	2.1
610325	5923950	21.4	-30.8	-9.9	58	104	2.1
610350	5923950	21.4	-34.1	-9.1	60	106	2.1
610375	5923950	21.4	-27.9	-12.8	49	111	2.1
610400	5923950	21.4	-31	-15.9	45	115	2.2
610425	5923950	21.4	-28.3	-13.8	64	112	2.3
610450	5923950	21.4	-33.1	-8.9	91	95	2.3
610475	5923950	21.4	-34.3	-8.2	89	98	2.3
610500	5923950	21.4	-32	-9.6	114	90	2.6
610525	5923950	21.4	-30.8	-16.5	78	120	2.5
610550	5923950	21.4	-32.7	-10.3	53	61	2.9
610575	5923950	21.4	-36.3	-11.7	60	53	2.8
610600	5923950	21.4	-39.8	-14.1	65	48	2.9
610625	5923950	21.4	-37.7	-13.1	67	48	2.9
610650	5923950	21.4	-36.4	-16.6	64	58	3.1
610675	5923950	21.4	-23.6	-18.1	61	64	3.1
610700	5923950	21.4	-28.4	-16	73	44	3
610725	5923950	21.4	-23.2	-19.3	58	66	3.1
610750	5923950	21.4	-24.4	-17	70	52	3.1
610775	5923950	21.4	-25.2	-18	58	61	3
610800	5923950	21.4	-27.7	-18	61	61	3
610825	5923950	21.4	-28.9	-19.2	63	63	3.2
610850	5923950	21.4	-26.5	-15.6	60	71	3.3
610875	5923950	21.4	-26.8	-10.7	55	66	3
609250	5924000	21.4	-20.2	-5.3	80	50	3.3
609275	5924000	21.4	-18.8	-6.5	77	53	3.3
609300	5924000	21.4	-18.1	-1.2	75	48	3.1
609325	5924000	21.4	-22.5	-6.6	75	51	3.2
609350	5924000	21.4	-20.7	-1.9	82	44	3.3
609375	5924000	21.4	-17.9	-1.8	73	49	3.1
609400	5924000	21.4	-19.1	-4.7	70	49	3
609425	5924000	21.4	-34.4	9.2	0	87	3.12
609450	5924000	21.4	-33.2	7.6	0	41	2.96
609475	5924000	21.4	-25.2	5.1	0	96	3.44
609500	5924000	21.4	-15.7	3.7	0	46	3.32
609525	5924000	21.4	-26.7	8.6	0	96	3.43
609550	5924000	21.4	-21.6	6.8	0	86	3.08
609575	5924000	21.4	-20.1	10.5	0	85	3.03
609600	5924000	21.4	-19.7	7.4	0	43	3.11
609625	5924000	21.4	-8.4	6.3	0	92	3.29
609650	5924000	21.4	-0.1	5.2	0	76	2.71
609675	5924000	21.4	-19.6	3.9	0	84	3.02
609701	5924000	21.4	-24.7	3.1	0	41	2.97
609726	5924000	21.4	-27.2	3.7	0	86	3.07

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610262.5	5923950	-14.6	-2.8
610287.5	5923950	-8.3	-7.4
610312.5	5923950	-0.3	-4.9
610337.5	5923950	0.4	-3.9
610362.5	5923950	4.1	-6
610387.5	5923950	5.3	-2.7
610412.5	5923950	4	2.5
610437.5	5923950	3.7	8.1
610462.5	5923950	-2.1	4.9
610487.5	5923950	-6.2	-4.6
610512.5	5923950	-4	-2.8
610537.5	5923950	0.8	6.2
610562.5	5923950	15.3	12.6
610587.5	5923950	14	8.5
610612.5	5923950	-10.2	-2
610637.5	5923950	-11	-17.5
610662.5	5923950	4	-22.1
610687.5	5923950	9.5	-8.4
610712.5	5923950	5.1	-4.4
610737.5	5923950	-1	-2
610762.5	5923950	-2.7	5.3
610787.5	5923950	-3.6	7
610812.5	5923950	-2.1	2.5
610837.5	5923950	-10.5	-3.3
610862.5	5923950	-17.7	6.1
609237.5	5924000	1.1	-3.6
609262.5	5924000	-0.2	-4
609287.5	5924000	-0.1	1.6
609312.5	5924000	4.7	6.3
609337.5	5924000	-0.4	-2
609362.5	5924000	-12.3	-6.2
609387.5	5924000	-29.4	14.9
609412.5	5924000	-25.1	30.6
609437.5	5924000	7.7	4.9
609462.5	5924000	17.7	-26.7
609487.5	5924000	3.7	-16
609512.5	5924000	-8.5	7.4
609537.5	5924000	-6.5	-0.7
609562.5	5924000	-1.8	-8.5
609587.5	5924000	1.9	-13.6
609612.5	5924000	4.5	-31.3
609637.5	5924000	-3.1	-8.4
609662.5	5924000	-4.3	35.8
609688	5924000	-5.8	32.2
609713.5	5924000	-8	14.9

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609751	5924000	24.8	-25.9	-1.2	0	63	3.87
609776	5924000	24.8	-28.5	-3.2	0	64	3.95
609801	5924000	24.8	-34	-4.2	0	66	4.09
609826	5924000	24.8	-33.6	-6.7	0	67	4.12
609851	5924000	24.8	-26.9	-3.4	-1	63	3.92
609876	5924000	24.8	-27.6	-2	0	71	4.4
609901	5924000	24.8	-29.4	4.3	0	65	4.04
609926	5924000	24.8	-25.5	1.1	0	62	3.86
609951	5924000	24.8	-26	-0.5	0	64	3.97
609976	5924000	24.8	-20.3	0.1	0	67	4.16
610001	5924000	24.8	-31	-0.9	0	54	3.37
610026	5924000	24.8	-22.4	-3.5	0	63	3.9
610051	5924000	24.8	-26.1	-2.3	0	61	3.81
610076	5924000	24.8	-19.5	-4.3	0	61	3.78
610101	5924000	24.8	-20.6	-3.7	0	62	3.81
610126	5924000	24.8	-18.5	-0.4	0	66	4.09
610151	5924000	24.8	-22.7	0.6	0	61	3.77
610176	5924000	24.8	-15.8	-0.1	0	62	3.84
610201	5924000	24.8	-18.5	0.9	0	58	3.59
610226	5924000	24.8	-16.4	3.1	0	61	3.8
610252	5924000	24.8	-17.5	-1	0	64	3.95
610277	5924000	24.8	-17.4	0.8	0	65	4.01
610302	5924000	24.8	-20.4	-2.5	0	64	3.99
610327	5924000	24.8	-23.7	-2.2	0	64	3.96
610352	5924000	24.8	-17.1	-0.2	0	62	3.82
610377	5924000	24.8	-25.3	-3.3	0	63	3.93
610402	5924000	24.8	-22.9	1.5	0	65	4.03
610427	5924000	24.8	-34.4	-6.1	0	65	4.02
610452	5924000	24.8	-27.8	-5.7	0	66	4.1
610477	5924000	24.8	-31.3	-9	0	63	3.91
610502	5924000	24.8	-21.6	-5.7	0	63	3.9
610527	5924000	24.8	-20.5	-1.8	0	64	3.99
610552	5924000	24.8	-21.5	-8.6	0	65	4.02
610577	5924000	24.8	-25.8	-11.4	0	54	3.32
610602	5924000	24.8	-26.8	-10.5	0	64	3.94
610627	5924000	24.8	-28.2	-15.7	0	64	3.94
610652	5924000	24.8	-32.9	-16.1	0	60	3.72
610677	5924000	24.8	-30.9	-21.2	0	61	3.77
610702	5924000	24.8	-34.5	-16.6	0	58	3.59
610702	5924000	24.8	-34.6	-17.9	0	61	3.76
610727	5924000	24.8	-29.4	-15.7	0	61	3.76
610752	5924000	24.8	-27	-14.3	0	62	3.83
610777	5924000	24.8	-23.3	-11.9	0	60	3.71
610803	5924000	24.8	-22.6	-9.2	0	63	3.91
610828	5924000	24.8	-21.3	-6.1	0	65	4.02

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
609751	5924000	21.4	-32	3	0	85	3.03
609776	5924000	21.4	-26.5	1.4	0	89	3.18
609801	5924000	21.4	-38.1	0.1	0	78	2.8
609826	5924000	21.4	-35.8	-3.1	0	74	2.63
609851	5924000	21.4	-29.6	-3.1	3	90	3.21
609876	5924000	21.4	-21.5	-1.9	0	82	2.94
609901	5924000	21.4	-20.2	12.7	0	61	2.19
609926	5924000	21.4	-4.9	13.7	0	72	2.56
609951	5924000	21.4	-14.5	8.6	0	70	2.51
609976	5924000	21.4	-3.9	5.4	0	81	2.89
610001	5924000	21.4	-21.6	8.9	0	51	1.83
610026	5924000	21.4	-7	1.1	0	81	2.9
610051	5924000	21.4	-24.2	4.9	0	64	2.29
610076	5924000	21.4	4.7	-5	0	74	2.66
610101	5924000	21.4	-20.2	-2	0	84	3.01
610126	5924000	21.4	-21.3	2	0	79	2.84
610151	5924000	21.4	-34.5	5.2	0	62	2.23
610176	5924000	21.4	-25.2	3.5	0	78	2.79
610201	5924000	21.4	-25.3	6.9	0	60	2.17
610226	5924000	21.4	-36.9	3.1	0	66	2.35
610252	5924000	21.4	-35	4.3	0	65	2.33
610277	5924000	21.4	-31.9	0.6	0	69	2.46
610302	5924000	21.4	-30.9	4.1	0	69	2.46
610327	5924000	21.4	-35.8	-0.4	0	74	2.66
610352	5924000	21.4	-31	-1.7	0	88	3.14
610377	5924000	21.4	-34.7	-5.5	0	85	3.03
610402	5924000	21.4	-45	0.6	0	74	2.64
610427	5924000	21.4	-59.6	0.2	0	65	2.34
610452	5924000	21.4	-50.7	-0.5	0	71	2.53
610477	5924000	21.4	-51.6	0	0	74	2.66
610502	5924000	21.4	-39.8	-5.1	0	87	3.12
610527	5924000	21.4	-44.9	2.7	0	81	2.91
610552	5924000	21.4	-28	-2.5	1	127	2.28
610577	5924000	21.4	-76	6.5	0	37	1.32
610602	5924000	21.4	-49	-8.2	0	68	2.45
610627	5924000	21.4	-35.5	-14.5	0	76	2.74
610652	5924000	21.4	-57.6	-8.3	0	66	2.35
610677	5924000	21.4	-24	-19.1	0	79	2.83
610702	5924000	21.4	-45.1	-16.9	0	61	2.2
610702	5924000	21.4	-52.9	-17.7	0	63	2.26
610727	5924000	21.4	-30.2	-16.7	0	77	2.76
610752	5924000	21.4	-29.3	-17.8	0	75	2.67
610777	5924000	21.4	-19.4	-14.5	0	79	2.81
610803	5924000	21.4	-31.8	-14	0	71	2.53
610828	5924000	21.4	-36.1	-9.6	0	67	2.41

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
609738.5	5924000	3.1	6.6
609763.5	5924000	13.7	5.4
609788.5	5924000	13.2	15.4
609813.5	5924000	-2	0.8
609838.5	5924000	-13.1	-22.8
609863.5	5924000	-3.5	-23.7
609888.5	5924000	0.4	-26
609913.5	5924000	-5.5	-22.3
609938.5	5924000	-8.6	-6.7
609963.5	5924000	-0.2	6.1
609988.5	5924000	7.1	10.2
610013.5	5924000	-2.8	5.7
610038.5	5924000	-7.8	-9.1
610063.5	5924000	-8.4	-15.7
610088.5	5924000	-6.5	22
610113.5	5924000	1.1	40.3
610138.5	5924000	-0.6	18.2
610163.5	5924000	-6.9	-5.3
610188.5	5924000	-3.6	2.5
610213.5	5924000	-0.4	21.4
610239	5924000	0	4.7
610264.5	5924000	3.9	-9.1
610289.5	5924000	9.2	-0.2
610314.5	5924000	3	4
610339.5	5924000	-1.7	-1
610364.5	5924000	7.4	12.9
610389.5	5924000	14.9	38.9
610414.5	5924000	14	30.6
610439.5	5924000	1.8	-2.3
610464.5	5924000	-9.3	-18.9
610489.5	5924000	-17	-17.6
610514.5	5924000	-10.9	-18.5
610539.5	5924000	5.2	19.3
610564.5	5924000	10.6	52.1
610589.5	5924000	7.7	-19.5
610614.5	5924000	8.5	-31.9
610639.5	5924000	8.8	-2.9
610664.5	5924000	4.3	-24
610689.5	5924000	5.3	16.4
610702	5924000	-1.4	14
610714.5	5924000	-12.7	-38.5
610739.5	5924000	-13.7	-34.4
610764.5	5924000	-10.5	-8.3
610790	5924000	-6.4	19.2
610815.5	5924000	-6.1	14.3

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610853	5924000	24.8	-18.5	-1	0	66	4.07
610878	5924000	24.8	-20.7	-2.3	0	65	3.99
609250	5924050	24.8	-22.8	-6.9	12	86	2.6
609275	5924050	24.8	-24.8	-5.9	15	86	2.7
609300	5924050	24.8	-24.6	-4.3	-20	86	2.7
609325	5924050	24.8	-25.4	-2.5	-15	81	2.5
609350	5924050	24.8	-26.8	-2.7	1	81	2.4
609375	5924050	24.8	-26.2	1	19	83	2.6
609400	5924050	24.8	-23.7	1.7	26	83	2.7
609425	5924050	24.8	-31.3	2.6	17	80	2.5
609450	5924050	24.8	-34	4.6	26	79	2.5
609475	5924050	24.8	-33.3	5.3	25	81	2.6
609500	5924050	24.8	-34.5	1.8	20	80	2.5
609525	5924050	24.8	-34.4	4.3	28	76	2.5
609550	5924050	24.8	-29.1	4.9	15	77	2.4
609575	5924050	24.8	-29.2	6.6	22	78	2.5
609600	5924050	24.8	-28.8	4.4	26	75	2.4
609625	5924050	24.8	-22.3	11	23	74	2.4
609650	5924050	24.8	-23.9	7.7	20	77	2.4
609675	5924050	24.8	-22.7	5.1	12	77	2.4
609700	5924050	24.8	-21.4	0.2	11	79	2.4
609725	5924050	24.8	-29.1	-3.1	14	72	2.2
609750	5924050	24.8	-29.9	-4.5	24	71	2.3
609775	5924050	24.8	-25.3	-2.8	6	77	2.4
609800	5924050	24.8	-25.4	-1.4	8	76	2.3
609825	5924050	24.8	-25.8	-4.8	20	73	2.3
609850	5924050	24.8	-27.1	-5.9	6	78	2.4
609875	5924050	24.8	-34.5	-16	14	70	2.2
609900	5924050	24.8	-31.2	-9	24	74	2.4
609925	5924050	24.8	-22.5	-0.1	50	62	2.4
609950	5924050	24.8	-12.3	6.9	22	74	2.4
609975	5924050	24.8	-12.3	11.1	36	60	2.1
610000	5924050	24.8	-12.2	4.6	16	73	2.3
610025	5924050	24.8	-10.8	10.9	23	68	2.2
610050	5924050	24.8	-8.9	4.8	23	68	2.2
610075	5924050	24.8	-3.1	4.7	18	70	2.2
610100	5924050	24.8	-0.7	6.7	16	70	2.2
610125	5924050	24.8	-5.7	2.3	14	71	2.2
610150	5924050	24.8	-10.2	4.1	8	76	2.3
610175	5924050	24.8	-4.7	3.2	6	77	2.4
610200	5924050	24.8	-2.3	3.4	28	76	2.4
610225	5924050	24.8	-4.9	2	30	74	2.4
610250	5924050	24.8	-7	1	23	75	2.4
610275	5924050	24.8	-16.8	2.7	35	67	2.3
610300	5924050	24.8	-12.8	-1.5	21	73	2.3

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610853	5924000	21.4	-29.4	-6.3	0	92	3.3
610878	5924000	21.4	-42.8	-6.2	0	77	2.76
609250	5924050	21.4	-23.8	-7.6	73	53	3.2
609275	5924050	21.4	-26.1	-6.7	74	49	3.1
609300	5924050	21.4	-39.6	-18	56	23	2.1
609325	5924050	21.4	-30.5	-18	55	19	2
609350	5924050	21.4	-27.1	-8.5	66	47	2.9
609375	5924050	21.4	-28.2	-7.4	83	45	3.3
609400	5924050	21.4	-26.4	-8.4	91	42	3.6
609425	5924050	21.4	-25.1	-5.5	84	45	3.4
609450	5924050	21.4	-26.6	-7.8	87	40	3.4
609475	5924050	21.4	-25	-5.6	82	37	3.2
609500	5924050	21.4	-23.9	-6.7	82	47	3.3
609525	5924050	21.4	-21.2	-4.3	93	41	3.6
609550	5924050	21.4	-22.8	-4.8	85	41	3.3
609575	5924050	21.4	-21.6	-4.9	85	41	3.3
609600	5924050	21.4	-19.7	-3.6	91	42	3.5
609625	5924050	21.4	-19.2	2.3	88	39	3.4
609650	5924050	21.4	-19.3	-0.1	86	42	3.4
609675	5924050	21.4	-18.7	-1.3	79	43	3.2
609700	5924050	21.4	-19.1	-4.1	74	39	2.9
609725	5924050	21.4	-19.4	-8.8	75	44	3.1
609750	5924050	21.4	-22.9	-9.1	90	33	3.4
609775	5924050	21.4	-22.3	-10.9	72	39	2.9
609800	5924050	21.4	-22.3	-15.2	74	34	2.9
609825	5924050	21.4	-17.6	-12.3	92	26	3.4
609850	5924050	21.4	-17.1	-13.5	79	41	3.1
609875	5924050	21.4	-21.9	-26.5	85	37	3.3
609900	5924050	21.4	-8.9	-5.9	86	46	3.4
609925	5924050	21.4	-7.5	-1.8	111	19	4
609950	5924050	21.4	-3.6	4.8	93	40	3.6
609975	5924050	21.4	-5	1.6	97	17	3.5
610000	5924050	21.4	-4.2	0.7	78	44	3.2
610025	5924050	21.4	-5.6	1	85	29	3.2
610050	5924050	21.4	-6.4	0.9	75	30	2.9
610075	5924050	21.4	-9.3	1.4	76	33	2.9
610100	5924050	21.4	-12.1	-1.7	73	31	2.8
610125	5924050	21.4	-16.1	-5.8	73	33	2.8
610150	5924050	21.4	-16	-5.8	66	39	2.7
610175	5924050	21.4	-14.9	-1.1	68	44	2.9
610200	5924050	21.4	-15.9	0.3	80	32	3
610225	5924050	21.4	-18.4	0.5	82	29	3.1
610250	5924050	21.4	-22	-4.2	82	31	3.1
610275	5924050	21.4	-20.3	-7.5	89	23	3.3
610300	5924050	21.4	-19.8	-7	81	31	3.1

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610840.5	5924000	-4.7	4.3
610865.5	5924000	6.8	15.2
609237.5	5924050	-5.5	-0.6
609262.5	5924050	1.2	18.5
609287.5	5924050	2.4	20.2
609312.5	5924050	2.8	-8.1
609337.5	5924050	3	-14.8
609362.5	5924050	-2.3	-3
609387.5	5924050	2	-3.8
609412.5	5924050	15.4	-2.9
609437.5	5924050	12.3	0.1
609462.5	5924050	2.5	-2.8
609487.5	5924050	1.6	-6.5
609512.5	5924050	-4.3	-4.9
609537.5	5924050	-10.6	-0.7
609562.5	5924050	-5.5	-2.7
609587.5	5924050	-7.2	-5.5
609612.5	5924050	-11.8	-2.8
609637.5	5924050	-4.5	-0.9
609662.5	5924050	-2.1	-0.7
609687.5	5924050	3.9	0.5
609712.5	5924050	14.9	4.5
609737.5	5924050	4.7	6.7
609762.5	5924050	-8.3	2.3
609787.5	5924050	-4	-5.3
609812.5	5924050	2.2	-9.9
609837.5	5924050	10.4	-0.9
609862.5	5924050	12.8	-3.9
609887.5	5924050	-7.9	-22.6
609912.5	5924050	-30.9	-19.7
609937.5	5924050	-29.1	-7.8
609962.5	5924050	-10.3	-1.9
609987.5	5924050	-1.6	1.2
610012.5	5924050	-4.8	2.8
610037.5	5924050	-11	5.9
610062.5	5924050	-15.9	9.4
610087.5	5924050	-5.6	12.5
610112.5	5924050	12.1	10.7
610137.5	5924050	8.5	2.7
610162.5	5924050	-8.9	-1.3
610187.5	5924050	-7.7	3.4
610212.5	5924050	4.9	9.6
610237.5	5924050	16.6	8
610262.5	5924050	17.7	-0.3
610287.5	5924050	12.6	-0.8

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610325	5924050	24.8	-23.6	0.6	2	79	2.4
610350	5924050	24.8	-24.2	0	28	69	2.3
610375	5924050	24.8	-24.3	-4.1	10	77	2.4
610400	5924050	24.8	-32	-14.5	27	69	2.3
610425	5924050	24.8	-31.2	-9.1	13	76	2.3
610450	5924050	24.8	-27.7	-9.1	31	69	2.3
610475	5924050	24.8	-25.3	-5.6	38	65	2.3
610500	5924050	24.8	-28.5	-10	22	74	2.3
610525	5924050	24.8	-27.7	-13.6	17	69	2.2
610550	5924050	24.8	-29.1	-9.5	16	73	2.3
610575	5924050	24.8	-20.9	-7.3	16	72	2.2
610600	5924050	24.8	-20.4	-9.6	-52	53	2.2
610625	5924050	24.8	-26.9	-9.3	-41	59	2.2
610650	5924050	24.8	-27.9	-13	-40	60	2.2
610675	5924050	24.8	-23.3	-13.1	-31	62	2.1
610700	5924050	24.8	-23.2	-12.6	-21	68	2.2
610725	5924050	24.8	-24.7	-13.6	-21	67	2.1
610750	5924050	24.8	-25.3	-11.6	-34	66	2.2
610775	5924050	24.8	-23	-6.6	-12	70	2.1
610800	5924050	24.8	-25.9	-8	-25	70	2.2
610825	5924050	24.8	-27	-8	-16	74	2.3
610850	5924050	24.8	-26.2	-5.2	-21	72	2.3
610875	5924050	24.8	-28.7	-5	-14	74	2.3
609450	5924100	24.8	-59.1	-12.4	0	66	4.11
609475	5924100	24.8	-50.4	-6.5	0	68	4.24
609500	5924100	24.8	-48.7	-2.5	0	68	4.23
609525	5924100	24.8	-47.4	-2.7	0	66	4.09
609550	5924100	24.8	-47.3	0	0	67	4.13
609575	5924100	24.8	-46.5	0.5	0	68	4.18
609600	5924100	24.8	-46.4	0.4	0	63	3.9
609625	5924100	24.8	-45.2	-1.4	0	65	4
609650	5924100	24.8	-41.5	-0.8	0	66	4.07
609676	5924100	24.8	-48.6	-0.9	0	61	3.77
609701	5924100	24.8	-40.8	-0.8	0	63	3.89
609726	5924100	24.8	-34.3	-0.4	0	65	4.03
609851	5924100	24.8	-38.8	-10.5	0	62	3.86
609876	5924100	24.8	-40.4	-9.2	0	62	3.81
609901	5924100	24.8	-40	-8.4	0	61	3.78
609926	5924100	24.8	-38.8	-6.5	0	60	3.71
609951	5924100	24.8	-35.5	-6.3	0	64	3.99
609976	5924100	24.8	-37.5	-2.6	0	61	3.77
610001	5924100	24.8	-31.2	1	0	60	3.69
610026	5924100	24.8	-19.4	9.4	0	59	3.64
610051	5924100	24.8	-28.4	8.9	0	50	3.07
610076	5924100	24.8	-21.7	4	0	55	3.4

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610325	5924050	21.4	-21.7	-20	66	31	2.6
610350	5924050	21.4	-21.6	-17.1	84	25	3.1
610375	5924050	21.4	-19.4	-15.1	72	37	2.9
610400	5924050	21.4	-21.1	-18.7	84	30	3.1
610425	5924050	21.4	-22.2	-19.3	76	34	3
610450	5924050	21.4	-22.2	-13.3	91	34	3.4
610475	5924050	21.4	-22.1	-15.5	86	23	3.2
610500	5924050	21.4	-24.4	-18.7	86	32	3.2
610525	5924050	21.4	-24	-19.4	93	31	3.5
610550	5924050	21.4	-22.5	-17.3	86	32	3.2
610575	5924050	21.4	-17.5	-8.3	85	36	3.2
610600	5924050	21.4	23.6	28.8	-35	66	1.3
610625	5924050	21.4	-5.7	18.7	28	72	1.3
610650	5924050	21.4	-5.5	4.5	30	38	1.7
610675	5924050	21.4	-7.3	0	56	48	2.6
610700	5924050	21.4	-8.4	-5.7	52	59	2.8
610725	5924050	21.4	-12.9	-6.3	58	57	2.9
610750	5924050	21.4	-14.5	-3.1	57	49	2.6
610775	5924050	21.4	-14.1	-5.9	53	69	3.1
610800	5924050	21.4	-19.2	-5.8	60	55	2.9
610825	5924050	21.4	-22.3	-5.8	53	65	3
610850	5924050	21.4	-18.5	-2.6	57	61	2.9
610875	5924050	21.4	-16.6	-7.1	61	61	3
609450	5924100	21.4	-63.4	-3.2	0	65	2.34
609475	5924100	21.4	-46.5	-0.1	0	75	2.7
609500	5924100	21.4	-42.7	2.6	0	79	2.84
609525	5924100	21.4	-30.2	3	0	86	3.07
609550	5924100	21.4	-45.8	6.4	0	72	2.59
609575	5924100	21.4	-53.9	10.7	0	70	2.51
609600	5924100	21.4	-42.1	9.7	0	62	2.23
609625	5924100	21.4	-33.3	6	0	71	2.55
609650	5924100	21.4	-28.7	6.6	0	73	2.62
609676	5924100	21.4	-54.4	17.9	0	57	2.06
609701	5924100	21.4	-35.6	11.4	0	64	2.29
609726	5924100	21.4	-22.7	4.9	0	85	3.06
609851	5924100	21.4	-22.3	-8.6	0	64	2.31
609876	5924100	21.4	-25.2	-13.8	0	74	2.65
609901	5924100	21.4	-26.6	-5.4	0	62	2.21
609926	5924100	21.4	-25.4	-5.3	0	72	2.58
609951	5924100	21.4	-20.9	-5.2	0	72	2.59
609976	5924100	21.4	-24.6	6	0	70	2.5
610001	5924100	21.4	-11.3	0.9	0	48	3.45
610026	5924100	21.4	-6.2	22.5	0	57	2.05
610051	5924100	21.4	-18.8	30.6	0	40	1.42
610076	5924100	21.4	-10.2	15.1	0	100	1.79

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610312.5	5924050	18.2	3.2
610337.5	5924050	12.1	-0.5
610362.5	5924050	8.5	-2.8
610387.5	5924050	14.7	2.3
610412.5	5924050	2.6	3.9
610437.5	5924050	-10.2	1
610462.5	5924050	-5.1	2.1
610487.5	5924050	3.2	4.1
610512.5	5924050	3	0
610537.5	5924050	-6.2	-8.4
610562.5	5924050	-15.5	-52.6
610587.5	5924050	-2.7	-57.9
610612.5	5924050	13.5	17.3
610637.5	5924050	3.9	30.7
610662.5	5924050	-8.3	4.5
610687.5	5924050	-3.3	8.5
610712.5	5924050	3.5	11.7
610737.5	5924050	0.4	7.3
610762.5	5924050	-1.1	5.9
610787.5	5924050	4.6	12.9
610812.5	5924050	4.3	7.5
610837.5	5924050	2	-6.4
610862.5	5924050	6.8	-5
609437.5	5924100	-0.1	21.4
609462.5	5924100	-18	-31.2
609487.5	5924100	-13.4	-37
609512.5	5924100	-4.4	-13.2
609537.5	5924100	-2.3	26.8
609562.5	5924100	-1.8	20
609587.5	5924100	-2.2	-24.3
609612.5	5924100	-6.2	-34
609637.5	5924100	-1.5	7.7
609663	5924100	2.7	28
609688.5	5924100	-15	-24.8
609713.5	5924100	-16.3	-45
609788.5	5924100	4.1	-10.8
609863.5	5924100	7.3	6.8
609888.5	5924100	-0.4	4.5
609913.5	5924100	-6.1	-5.5
609938.5	5924100	-5.8	-6.5
609963.5	5924100	-5.6	-10.4
609988.5	5924100	-22.4	-28
610013.5	5924100	-20.9	-10.9
610038.5	5924100	-0.5	11.5
610063.5	5924100	-5.3	-3

East NAD83_Z9	North NAD83_Z9	VLF Seatle Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610101	5924100	24.8	-20.8	-0.6	0	62	3.84
610126	5924100	24.8	-25.3	0.4	0	62	3.86
610151	5924100	24.8	-33.3	-7.1	0	65	4.01
610176	5924100	24.8	-35.8	-6.9	0	66	4.09
610201	5924100	24.8	-38.9	-5.2	0	58	3.61
610226	5924100	24.8	-34.7	-8.9	0	63	3.9
610252	5924100	24.8	-43.6	-13.4	0	64	3.96
610277	5924100	24.8	-41	-9.2	0	66	4.11
610302	5924100	24.8	-32.2	-6.1	0	62	3.84
610327	5924100	24.8	-35	-6.9	0	66	4.09
610352	5924100	24.8	-44.8	-14.4	0	63	3.91
610377	5924100	24.8	-59.3	-19.4	0	56	3.48
610402	5924100	24.8	-52.9	-22.5	0	57	3.51
610427	5924100	24.8	-46.6	-12.1	0	54	3.37
610452	5924100	24.8	-40.7	-10.5	0	60	3.69
610477	5924100	24.8	-43.5	-10.9	0	59	3.62
610502	5924100	24.8	-39	-8.6	0	61	3.78
610527	5924100	24.8	-32.9	-5.1	0	63	3.91
610552	5924100	24.8	-31	-7.8	0	61	3.75
610577	5924100	24.8	-37.5	-14.6	0	60	3.72
610602	5924100	24.8	-36.8	-9.4	0	59	3.67
610627	5924100	24.8	-35.7	-8.6	0	60	3.71
610652	5924100	24.8	-39	-12.5	0	62	3.87
610677	5924100	24.8	-33.6	-10.2	0	58	3.59
610702	5924100	24.8	-33.8	-9.3	0	55	3.41
610727	5924100	24.8	-28.7	-11.5	0	63	3.88
610752	5924100	24.8	-32.4	-13.1	0	63	3.89
610777	5924100	24.8	-39.1	-13.2	0	54	3.32
610803	5924100	24.8	-36	-9	0	60	3.69
610828	5924100	24.8	-35.2	-5.5	0	63	3.92
610853	5924100	24.8	-38	-10.9	0	62	3.86
610878	5924100	24.8	-37.6	-9.5	0	57	3.56

East NAD83_Z9	North NAD83_Z9	VLF Hawaii Freq	In Phase vert_perc	Out of Phase vert_perc	x_horz amp	y_horz amp	VLF totalfieldstrength_pT
610101	5924100	21.4	-11.8	2.3	0	63	2.26
610126	5924100	21.4	-32.3	9	0	55	1.96
610151	5924100	21.4	-30.3	-3	0	71	2.55
610176	5924100	21.4	-40.6	1.7	0	71	2.55
610201	5924100	21.4	-38	5.9	0	96	1.71
610226	5924100	21.4	-38.8	1.1	0	84	3.02
610252	5924100	21.4	-46.3	-9.5	0	79	2.83
610277	5924100	21.4	-53.4	0	0	74	2.67
610302	5924100	21.4	-33.9	-1.8	0	90	3.23
610327	5924100	21.4	-33.5	-6.4	0	41	2.93
610352	5924100	21.4	-35.4	-8.5	0	73	2.61
610377	5924100	21.4	-60.9	-5	0	45	1.63
610402	5924100	21.4	-55.7	-16.1	0	63	2.27
610427	5924100	21.4	-61.9	-8.2	0	52	1.87
610452	5924100	21.4	-55.9	-12.3	0	69	2.48
610477	5924100	21.4	-60	-3.4	0	68	2.44
610502	5924100	21.4	-35.1	-8.2	0	77	2.74
610527	5924100	21.4	-38.5	4.9	0	72	2.58
610552	5924100	21.4	-18.4	-3.8	0	81	2.91
610577	5924100	21.4	-33.9	-0.2	0	67	2.41
610602	5924100	21.4	-54.7	0.6	0	61	2.17
610627	5924100	21.4	-27.2	-17	0	76	2.74
610652	5924100	21.4	-17.5	-13.2	0	81	2.9
610677	5924100	21.4	-26.6	-9.5	0	62	2.23
610702	5924100	21.4	-42.9	-8.9	0	47	1.68
610727	5924100	21.4	-23.6	-19.4	1	127	2.28
610752	5924100	21.4	-16	-17.2	0	80	2.86
610777	5924100	21.4	-24.3	-15.7	0	95	3.38
610803	5924100	21.4	-29.1	-16.1	0	43	3.11
610828	5924100	21.4	-36.1	-18.6	0	57	2.05
610853	5924100	21.4	-28.6	-17.7	0	69	2.47
610878	5924100	21.4	-36.2	-17.8	0	50	1.78

East NAD83_Z9	North NAD83_Z9	Seatle Fraser Filter	Hawaii Fraser Filter
610088.5	5924100	-4	15.1
610113.5	5924100	16.1	40.6
610138.5	5924100	23	26.8
610163.5	5924100	16.1	16
610188.5	5924100	4.5	5.9
610213.5	5924100	3.6	6.5
610239	5924100	11	22.9
610264.5	5924100	-5.1	2.2
610289.5	5924100	-17.4	-32.3
610314.5	5924100	6.6	-18.4
610339.5	5924100	36.9	28.9
610364.5	5924100	32.4	47.7
610389.5	5924100	-4.6	21.3
610414.5	5924100	-24.9	1.2
610439.5	5924100	-15.3	-1.7
610464.5	5924100	-4.8	-22.7
610489.5	5924100	-12.3	-42.3
610514.5	5924100	-18.6	-38.2
610539.5	5924100	-3.4	-21.3
610564.5	5924100	10.4	31.7
610589.5	5924100	4	29.6
610614.5	5924100	0.4	-43.9
610639.5	5924100	0.1	-37.8
610664.5	5924100	-7.3	24.8
610689.5	5924100	-10.1	22.4
610714.5	5924100	-6.3	-29.9
610739.5	5924100	9	-26.2
610764.5	5924100	14	13.8
610790	5924100	-0.3	24.9
610815.5	5924100	-1.9	11.3
610840.5	5924100	4.4	-0.4
610865.5	5924100	10.7	9.9

APPENDIX 5

-LAB CERTIFICATES-

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **DGW Consulting**
1708 - 1111 Alberni St.
Vancouver BC V6E 4V2 Canada

Submitted By: James Thom
Receiving Lab: Canada-Vancouver
Received: August 28, 2012
Report Date: November 02, 2012

CERTIFICATE OF ANALYSIS VAN12004082.2

CLIENT JOB INFORMATION

Project: South Rim
Shipment ID
P.O. Number
Number of Samples: 31

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	31	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1F05	31	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
3B02	7	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
7AR	8	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN

ADDITIONAL COMMENTS

Version 2 3B02 Pd & 7AR Mo Cu Pb Zn included. 1F05 Re for Sample SR-12-23 included

Invoice To: DGW Consulting
1708 - 1111 Alberni St.
Vancouver BC V6E 4V2
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **DGW Consulting**
1708 - 1111 Alberni St.
Vancouver BC V6E 4V2 Canada

Project: South Rim
Report Date: November 02, 2012

CERTIFICATE OF ANALYSIS VAN12004082.2

Method		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
G1	Prep Blank	<0.01	0.08	2.47	4.64	53.3	20	4.4	4.6	626	2.08	0.3	1.5	2.1	5.7	63.2	0.02	0.03	0.09	37	0.60
G1	Prep Blank	<0.01	9.25	2.15	2.90	46.1	12	3.5	4.0	561	1.93	0.5	1.3	0.3	5.3	54.3	0.01	0.02	0.05	34	0.62
SR-12-01	Rock	2.04	107.5	3.16	55.55	235.2	284	20.9	24.2	>10000	10.89	10.3	2.8	3.6	0.1	122.8	2.89	2.84	0.02	102	22.13
SR-12-02	Rock	1.85	106.7	3.24	55.81	189.2	1699	13.8	21.5	7265	6.99	11.3	2.9	71.7	<0.1	91.5	2.10	3.10	<0.02	81	19.61
SR-12-03	Rock	2.33	40.93	11.10	35.47	177.0	561	20.8	23.5	4669	5.75	20.3	0.4	77.7	0.3	127.4	1.46	1.97	<0.02	70	11.64
SR-12-04	Rock	1.46	50.04	66.32	605.2	214.3	4550	10.3	9.7	385	2.99	85.3	0.4	103.4	0.2	4.4	2.80	7.67	0.23	34	0.26
SR-12-05	Rock	1.99	1.34	42.05	3.04	87.8	427	13.5	18.7	885	4.57	19.4	<0.1	2.8	0.3	3.2	0.04	0.62	0.06	25	0.08
SR-12-06	Rock	3.64	60.75	19.86	19.54	26.4	1941	1.5	3.5	269	1.27	11.0	<0.1	300.8	<0.1	3.4	0.15	1.94	<0.02	24	0.12
SR-12-07	Rock	0.71	35.37	9.14	13.09	148.6	1407	6.9	16.7	937	5.27	21.3	<0.1	32.4	0.3	2.7	0.26	1.64	<0.02	54	0.09
SR-12-08A	Rock	3.43	0.91	2.50	3.05	19.9	108	0.9	1.8	223	0.87	3.0	<0.1	9.1	0.2	2.8	0.05	0.39	<0.02	9	0.12
SR-12-08B	Rock	3.27	4.07	8.32	5.90	39.6	529	2.4	4.8	245	3.31	22.3	<0.1	21.4	0.3	2.9	0.01	0.86	0.03	20	0.06
SR-12-09	Rock	2.38	30.99	177.5	100.8	159.2	1922	7.8	9.9	968	3.04	40.5	<0.1	14.9	0.3	3.9	1.29	1.75	0.07	37	0.13
SR-12-10	Rock	1.72	2.62	39.01	5.33	72.3	602	6.6	15.4	692	4.24	21.4	<0.1	19.7	0.3	4.7	0.08	0.67	0.03	58	0.24
SR-12-11A	Rock	2.47	2.52	24.33	9.24	107.0	988	2.3	12.5	921	5.35	70.5	0.1	5.6	0.9	18.3	0.32	1.09	0.06	70	0.23
SR-12-11B	Rock	2.44	2.00	12.27	9.08	105.6	521	1.6	10.0	979	5.03	75.7	0.1	7.1	0.9	20.1	0.31	0.97	0.04	72	0.27
SR-12-12A	Rock	2.69	33.46	16.68	26.86	154.4	1299	1.1	6.9	615	4.22	184.4	0.2	106.3	0.8	19.2	0.65	1.79	0.04	44	0.14
SR-12-12B	Rock	4.46	>2000	227.6	339.6	29.5	1136	0.6	0.9	41	0.28	6.6	52.4	8.2	36.3	2.3	1.44	1.01	7.17	<2	0.03
SR-12-13A	Rock	2.23	>2000	5.72	13.87	28.8	254	1.1	1.8	206	0.62	1.1	22.7	2.5	39.1	10.4	0.51	0.35	1.54	<2	0.24
SR-12-13B	Rock	1.63	5.74	0.87	1.07	3.3	7	0.4	0.2	125	0.24	0.2	<0.1	<0.2	<0.1	3.2	0.02	0.15	<0.02	2	0.36
SR-12-14	Rock	2.86	19.54	74.52	5.15	86.2	235	17.0	11.0	367	2.78	12.2	0.7	<0.2	0.7	25.0	0.14	0.90	0.03	48	0.69
SR-12-15	Rock	2.29	1.22	3.20	11.77	8.1	151	0.5	0.6	54	0.40	17.3	1.4	7.4	12.9	1.2	<0.01	0.39	0.04	<2	0.01
SR-12-16	Rock	3.74	>2000	35.49	52.25	64.6	1021	0.6	1.1	200	0.47	0.6	16.5	18.3	25.6	4.7	1.87	0.49	1.12	<2	0.06
SR-12-17	Rock	3.69	>2000	108.3	40.47	36.6	1456	0.8	1.2	185	0.46	4.2	15.5	7.4	23.5	2.7	1.61	2.65	0.91	<2	0.02
SR-12-18	Rock	6.45	5.92	672.4	20.28	765.6	1679	0.6	1.1	349	0.62	1.3	7.0	<0.2	21.7	8.2	6.64	0.23	0.05	<2	0.26
SR-12-19	Rock	3.37	67.87	5492	553.3	3546	27551	0.6	1.6	259	0.92	4.3	15.0	4.8	24.5	5.1	18.96	1.52	1.51	<2	0.07
SR-12-20	Rock	4.00	48.75	672.1	22.93	706.4	2667	0.5	1.5	364	0.69	1.3	6.0	<0.2	23.1	3.6	6.97	0.11	0.13	<2	0.03
SR-12-21	Rock	2.16	>2000	14.62	28.77	11.7	512	0.5	1.2	50	0.23	3.3	25.9	1.9	24.4	5.3	0.87	0.69	0.78	<2	0.09
SR-12-22	Rock	2.01	6.82	1164	53.60	314.9	3584	12.0	16.0	1795	3.75	3.5	1.4	<0.2	7.0	31.7	0.54	0.26	0.99	57	0.83
SR-12-23	Rock	0.89	>2000	4329	26.04	97.2	6611	10.7	21.4	515	4.20	<0.1	26.3	7.6	24.7	18.3	5.85	0.45	2.89	59	0.72
SR-12-24	Rock	2.81	33.85	62.26	33.69	25.4	1128	1.1	1.9	149	0.65	13.3	1.4	8.5	4.9	1.9	0.19	0.84	<0.02	4	0.02

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Project: South Rim
Report Date: November 02, 2012

CERTIFICATE OF ANALYSIS VAN12004082.2

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
G1	Prep Blank	0.092	10.4	6.7	0.72	275.4	0.131	2	0.95	0.070	0.50	<0.1	2.6	0.33	<0.02	<5	<0.1	<0.02	5.8	2.73	<0.1
G1	Prep Blank	0.082	8.8	6.9	0.70	226.9	0.112	2	0.87	0.061	0.45	<0.1	2.3	0.30	<0.02	11	<0.1	<0.02	5.2	2.39	0.1
SR-12-01	Rock	0.039	11.5	4.7	0.17	74.1	<0.001	1	0.18	<0.001	0.06	1.0	10.5	0.57	<0.02	284	0.9	<0.02	1.2	2.62	<0.1
SR-12-02	Rock	0.013	5.3	2.0	0.18	47.4	<0.001	1	0.13	<0.001	0.06	0.4	4.6	1.06	<0.02	301	0.4	0.09	1.0	1.55	<0.1
SR-12-03	Rock	0.091	10.6	8.0	0.95	21.7	0.002	2	0.33	<0.001	0.16	0.7	5.2	0.18	0.11	665	0.1	0.03	1.7	4.93	0.1
SR-12-04	Rock	0.040	4.1	6.5	0.02	20.6	<0.001	2	0.29	<0.001	0.13	0.3	2.8	0.18	0.11	566	1.1	1.89	1.3	3.46	<0.1
SR-12-05	Rock	0.041	8.2	10.7	1.39	18.3	0.002	<1	1.95	0.001	0.27	0.2	2.2	0.15	1.24	112	<0.1	0.29	5.2	3.17	<0.1
SR-12-06	Rock	0.015	1.5	6.9	0.20	31.8	0.001	<1	0.47	<0.001	0.10	0.1	1.6	0.17	0.04	31	<0.1	0.06	2.2	2.41	<0.1
SR-12-07	Rock	0.051	2.1	8.9	1.12	18.1	0.004	<1	1.66	<0.001	0.19	0.2	3.3	0.21	2.49	15	0.4	0.31	5.7	5.35	<0.1
SR-12-08A	Rock	0.015	8.6	4.8	0.17	16.1	<0.001	<1	0.44	<0.001	0.13	<0.1	1.2	0.08	<0.02	11	<0.1	<0.02	1.5	2.82	<0.1
SR-12-08B	Rock	0.082	3.9	1.8	0.44	44.7	0.001	<1	0.90	0.002	0.18	0.2	2.9	0.14	0.04	50	0.2	0.03	3.5	4.39	<0.1
SR-12-09	Rock	0.043	5.3	8.9	0.86	49.8	0.001	<1	1.31	<0.001	0.12	0.2	2.6	0.23	<0.02	74	<0.1	0.14	4.5	3.18	<0.1
SR-12-10	Rock	0.048	5.5	9.7	0.91	36.9	0.002	<1	1.99	0.002	0.14	0.2	3.9	0.11	0.04	30	0.1	<0.02	7.4	5.65	<0.1
SR-12-11A	Rock	0.149	9.6	3.0	1.17	52.8	0.006	1	2.08	0.033	0.17	0.2	6.1	0.06	0.42	22	0.6	0.45	8.2	2.46	<0.1
SR-12-11B	Rock	0.158	10.9	1.5	1.14	50.7	0.007	<1	2.16	0.040	0.21	0.1	7.0	0.09	0.22	18	0.9	0.20	9.4	3.21	<0.1
SR-12-12A	Rock	0.148	8.4	1.6	0.78	56.8	0.003	<1	1.45	0.020	0.23	0.1	4.2	0.13	0.33	59	0.4	0.44	5.8	3.62	<0.1
SR-12-12B	Rock	0.001	4.8	0.8	0.02	4.2	<0.001	6	0.25	0.043	0.16	0.6	0.2	0.22	0.37	7	2.1	0.21	0.9	1.71	<0.1
SR-12-13A	Rock	0.005	12.9	2.1	0.27	17.0	<0.001	2	0.47	0.028	0.12	0.3	0.7	0.10	0.19	18	1.2	0.18	2.3	1.13	<0.1
SR-12-13B	Rock	0.002	<0.5	1.0	0.03	4.8	<0.001	<1	0.07	0.001	0.03	<0.1	0.2	<0.02	<0.02	<5	<0.1	<0.02	0.3	0.46	<0.1
SR-12-14	Rock	0.047	3.7	20.1	0.85	9.7	0.139	<1	1.02	0.068	0.08	0.2	5.6	0.11	0.53	<5	0.3	<0.02	5.4	0.87	<0.1
SR-12-15	Rock	0.003	10.9	0.8	0.07	11.2	<0.001	<1	0.28	0.003	0.16	<0.1	0.2	0.18	<0.02	21	<0.1	<0.02	0.6	2.77	<0.1
SR-12-16	Rock	0.001	10.6	2.0	0.07	4.8	<0.001	3	0.28	0.045	0.14	0.3	0.3	0.12	0.27	10	2.1	0.28	1.3	1.02	<0.1
SR-12-17	Rock	0.001	8.3	1.1	0.05	6.4	<0.001	1	0.24	0.037	0.12	0.1	0.4	0.09	0.14	6	1.1	1.06	1.2	0.54	<0.1
SR-12-18	Rock	0.005	26.1	2.1	0.09	7.4	<0.001	1	0.31	0.024	0.13	<0.1	0.3	0.10	0.03	6	0.2	<0.02	1.3	0.64	<0.1
SR-12-19	Rock	0.007	23.6	0.9	0.07	11.9	<0.001	<1	0.28	0.004	0.18	<0.1	0.5	0.18	0.24	24	2.4	0.41	1.0	1.06	<0.1
SR-12-20	Rock	0.003	22.3	2.3	0.10	7.0	<0.001	<1	0.33	0.029	0.10	<0.1	0.5	0.06	0.06	7	0.1	0.04	1.5	0.86	<0.1
SR-12-21	Rock	0.001	4.4	0.7	0.03	3.5	<0.001	7	0.20	0.046	0.15	1.4	0.3	0.11	0.73	7	3.9	0.17	0.9	1.61	<0.1
SR-12-22	Rock	0.100	12.9	16.2	1.32	20.0	0.071	<1	1.72	0.024	0.12	0.1	4.8	0.15	0.04	<5	<0.1	<0.02	9.0	1.05	<0.1
SR-12-23	Rock	0.206	214.3	3.9	1.24	13.1	0.021	<1	1.80	0.037	0.12	5.3	10.8	0.17	4.74	125	54.2	2.42	8.5	2.04	0.1
SR-12-24	Rock	0.007	6.0	2.9	0.06	13.7	<0.001	<1	0.22	0.001	0.14	0.1	0.3	0.18	<0.02	60	<0.1	<0.02	1.1	2.30	<0.1

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Project: South Rim
Report Date: November 02, 2012

CERTIFICATE OF ANALYSIS VAN12004082.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	3B	7AR	7AR	7AR	7AR
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pd	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb	%	%	%	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	2	0.001	0.001	0.01	0.01
G1	Prep Blank	0.10	0.48	42.9	0.4	<0.05	1.4	4.72	19.7	0.02	<1	0.4	33.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	0.08	0.42	38.5	0.4	<0.05	1.4	4.43	17.2	<0.02	4	<0.1	29.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-01	Rock	<0.02	<0.02	6.7	<0.1	<0.05	0.4	58.47	22.5	<0.02	<1	1.5	0.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-02	Rock	<0.02	0.04	5.8	<0.1	<0.05	0.2	43.96	12.0	<0.02	<1	0.5	1.0	11	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-03	Rock	0.07	0.03	16.3	<0.1	<0.05	1.2	29.86	22.9	<0.02	<1	0.6	1.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-04	Rock	<0.02	<0.02	12.0	<0.1	<0.05	0.5	4.65	11.8	<0.02	1	0.3	4.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-05	Rock	0.02	<0.02	15.9	<0.1	<0.05	0.6	5.47	17.8	<0.02	1	<0.1	28.3	<10	2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-06	Rock	<0.02	<0.02	8.3	<0.1	<0.05	0.2	1.66	4.7	<0.02	1	0.1	8.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-07	Rock	0.02	<0.02	15.1	<0.1	<0.05	0.5	1.96	4.6	<0.02	7	0.1	48.1	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-08A	Rock	<0.02	<0.02	9.4	<0.1	<0.05	0.4	12.08	18.5	<0.02	<1	<0.1	7.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-08B	Rock	<0.02	<0.02	11.0	<0.1	<0.05	0.6	3.93	8.6	<0.02	<1	0.6	13.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-09	Rock	0.02	<0.02	9.4	<0.1	<0.05	0.4	4.97	13.3	<0.02	1	<0.1	45.4	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-10	Rock	<0.02	<0.02	9.8	<0.1	<0.05	0.4	6.84	10.1	0.02	<1	0.3	53.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-11A	Rock	0.02	<0.02	7.9	0.1	<0.05	0.6	7.92	15.9	<0.02	<1	0.4	26.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-11B	Rock	0.03	<0.02	9.4	0.1	<0.05	0.9	9.42	20.7	0.03	<1	0.1	28.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-12A	Rock	<0.02	<0.02	11.6	<0.1	<0.05	0.6	7.95	17.0	<0.02	2	0.3	18.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-12B	Rock	0.16	0.04	7.2	<0.1	<0.05	3.8	11.14	10.6	<0.02	343	0.4	0.5	*	<2	<2	0.460	0.020	0.03	<0.01
SR-12-13A	Rock	0.19	0.65	6.0	<0.1	<0.05	3.2	23.77	31.7	<0.02	430	0.1	4.1	*	<2	34	0.284	<0.001	<0.01	<0.01
SR-12-13B	Rock	<0.02	<0.02	1.5	<0.1	<0.05	<0.1	0.76	0.6	<0.02	<1	<0.1	0.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-14	Rock	0.05	0.04	5.2	0.1	<0.05	1.1	7.44	6.6	<0.02	4	0.2	17.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-15	Rock	0.06	<0.02	12.2	<0.1	<0.05	1.8	0.82	26.7	<0.02	<1	<0.1	4.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-16	Rock	0.10	0.04	7.4	<0.1	<0.05	3.0	19.05	23.1	<0.02	404	0.5	2.5	*	<2	<2	0.366	0.002	<0.01	<0.01
SR-12-17	Rock	0.12	0.06	5.4	<0.1	<0.05	3.9	7.64	19.7	<0.02	218	<0.1	2.0	*	<2	<2	0.197	0.007	<0.01	<0.01
SR-12-18	Rock	0.16	<0.02	6.3	<0.1	<0.05	3.6	9.79	51.5	<0.02	<1	<0.1	3.2	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-19	Rock	0.16	<0.02	9.2	<0.1	<0.05	3.3	11.00	46.8	<0.02	<1	0.2	2.0	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-20	Rock	0.09	<0.02	4.8	<0.1	<0.05	2.3	11.60	45.6	<0.02	5	<0.1	3.9	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-21	Rock	0.16	0.06	8.7	<0.1	<0.05	3.6	11.30	9.9	<0.02	666	0.2	1.0	*	<2	2	0.997	<0.001	<0.01	<0.01
SR-12-22	Rock	0.05	0.03	8.3	0.6	<0.05	0.9	13.90	27.8	0.04	<1	0.4	18.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-23	Rock	0.12	0.30	9.0	2.2	<0.05	1.4	46.04	409.3	<0.02	9934	0.2	17.9	*	<2	4	<5	0.425	<0.01	0.02
SR-12-24	Rock	<0.02	<0.02	11.5	<0.1	<0.05	0.3	1.96	20.0	<0.02	6	0.1	2.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: South Rim
Report Date: November 02, 2012

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CERTIFICATE OF ANALYSIS VAN12004082.2

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
SR-12-25 Rock	1.26	56.13	194.8	9.67	17.9	360	0.4	3.0	533	0.74	1.6	<0.1	<0.2	<0.1	16.2	0.67	0.78	0.15	7	1.36
SR-12-26 Rock	1.06	1895	>10000	185.1	142.5	16735	10.2	25.9	141	5.31	10.8	23.3	16.7	15.4	4.7	2.21	2.64	2.61	13	0.02
SR-12-27 Rock	1.61	7.37	>10000	>10000	>10000	48382	23.5	17.5	4832	6.32	<0.1	1.9	17.3	1.9	161.9	349.8	1.58	0.77	23	5.25

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
SR-12-25	Rock	0.005	4.8	0.9	0.26	12.4	<0.001	<1	0.34	0.002	0.03	<0.1	0.5	0.03	0.02	11	0.1	<0.02	1.3	0.22	<0.1
SR-12-26	Rock	0.011	4.0	2.0	0.22	34.5	0.002	2	0.83	0.020	0.12	0.5	1.4	0.08	2.63	72	9.0	0.80	5.0	2.09	<0.1
SR-12-27	Rock	0.130	5.5	6.6	0.76	27.2	0.026	<1	2.48	<0.001	0.52	0.3	2.1	0.72	1.97	205	39.0	8.92	7.5	7.58	0.2

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Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	3B	7AR	7AR	7AR	7AR
Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pd	Mo	Cu	Pb	Zn
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb	%	%	%	%
MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	2	0.001	0.001	0.01	0.01
SR-12-25 Rock	<0.02	<0.02	1.3	<0.1	<0.05	0.1	2.65	7.0	<0.02	11	<0.1	5.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
SR-12-26 Rock	0.14	0.03	7.4	1.2	<0.05	3.3	3.70	9.4	2.84	389	0.2	9.2	*	<2	<2	0.227	2.856	0.02	<0.01
SR-12-27 Rock	0.16	0.03	40.3	2.7	<0.05	5.6	16.28	12.5	0.64	3	0.7	37.1	<10	<2	N.A.	0.002	1.966	2.01	2.69

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QUALITY CONTROL REPORT VAN12004082.2

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
SR-12-08A	Rock	3.43	0.91	2.50	3.05	19.9	108	0.9	1.8	223	0.87	3.0	<0.1	9.1	0.2	2.8	0.05	0.39	<0.02	9	0.12
REP SR-12-08A	QC		0.94	2.44	3.03	19.8	107	0.9	1.8	227	0.84	3.2	<0.1	15.1	0.2	2.7	0.03	0.42	<0.02	8	0.13
SR-12-10	Rock	1.72	2.62	39.01	5.33	72.3	602	6.6	15.4	692	4.24	21.4	<0.1	19.7	0.3	4.7	0.08	0.67	0.03	58	0.24
REP SR-12-10	QC		2.75	40.02	6.00	79.2	621	7.3	15.1	721	4.22	22.8	<0.1	18.6	0.3	4.9	0.08	0.70	0.03	57	0.25
REP SR-12-12B	QC																				
Core Reject Duplicates																					
SR-12-12B	Rock	4.46	>2000	227.6	339.6	29.5	1136	0.6	0.8	41	0.28	6.6	52.4	8.2	36.3	2.3	1.44	1.01	7.17	<2	0.03
DUP SR-12-12B	QC	<0.01	>2000	209.9	323.3	27.6	1026	0.6	0.7	38	0.25	6.4	53.5	6.7	36.2	2.5	1.17	1.07	6.69	<2	0.03
Reference Materials																					
STD CDN-PGMS-19	Standard																				
STD DS9	Standard		13.75	114.4	118.1	315.3	2029	42.0	8.0	636	2.44	28.1	2.8	123.4	6.5	75.3	2.53	6.05	5.62	41	0.75
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD PD1	Standard																				
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD PD1 Expected																					
STD CDN-PGMS-19																					
STD OREAS133B Expected																					
STD GC-7 Expected																					
BLK	Blank		1.38	<0.01	0.04	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.08	2.47	4.64	53.3	20	4.4	4.6	626	2.08	0.3	1.5	2.1	5.7	63.2	0.02	0.03	0.09	37	0.60
G1	Prep Blank	<0.01	9.25	2.15	2.90	46.1	12	3.5	4.0	561	1.93	0.5	1.3	0.3	5.3	54.3	0.01	0.02	0.05	34	0.62

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QUALITY CONTROL REPORT VAN12004082.2

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
SR-12-08A	Rock	0.015	8.6	4.8	0.17	16.1	<0.001	<1	0.44	<0.001	0.13	<0.1	1.2	0.08	<0.02	11	<0.1	<0.02	1.5	2.82	<0.1
REP SR-12-08A	QC	0.014	9.1	5.1	0.16	16.5	<0.001	<1	0.42	<0.001	0.13	0.1	1.0	0.09	<0.02	6	<0.1	<0.02	1.6	2.87	<0.1
SR-12-10	Rock	0.049	5.5	9.7	0.91	36.9	0.002	<1	1.99	0.002	0.14	0.2	3.9	0.11	0.04	30	0.1	<0.02	7.4	5.65	<0.1
REP SR-12-10	QC	0.049	5.7	10.2	0.90	39.1	0.002	<1	1.98	0.002	0.14	0.2	4.1	0.10	0.04	25	<0.1	0.06	8.2	5.79	<0.1
REP SR-12-12B	QC																				
Core Reject Duplicates																					
SR-12-12B	Rock	0.001	4.8	0.8	0.02	4.2	<0.001	6	0.25	0.043	0.16	0.6	0.2	0.22	0.37	7	2.1	0.21	0.8	1.71	<0.1
DUP SR-12-12B	QC	0.001	4.4	0.6	0.02	4.0	<0.001	5	0.21	0.037	0.15	0.6	0.2	0.22	0.40	14	2.2	0.24	0.8	1.80	<0.1
Reference Materials																					
STD CDN-PGMS-19	Standard																				
STD DS9	Standard	0.093	14.3	122.7	0.65	323.3	0.117	2	0.98	0.084	0.41	2.9	2.6	5.22	0.17	205	5.2	5.10	4.7	2.42	0.1
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD PD1	Standard																				
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.69	2.5	5.3	0.1615	200	5.2	5.02	4.59	2.37	0.1
STD PD1 Expected																					
STD CDN-PGMS-19																					
STD OREAS133B Expected																					
STD GC-7 Expected																					
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	7	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.092	10.4	6.7	0.72	275.4	0.131	2	0.95	0.070	0.50	<0.1	2.6	0.33	<0.02	<5	<0.1	<0.02	5.8	2.73	<0.1
G1	Prep Blank	0.082	8.6	6.9	0.70	226.9	0.112	2	0.87	0.061	0.45	<0.1	2.3	0.30	<0.02	11	<0.1	<0.02	5.2	2.39	0.1

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QUALITY CONTROL REPORT VAN12004082.2

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	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pd	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb	%	%	%	%
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	2	0.001	0.001	0.01	0.01
Pulp Duplicates																				
SR-12-08A	Rock	<0.02	<0.02	9.4	<0.1	<0.05	0.4	12.08	18.5	<0.02	<1	<0.1	7.6	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
REP SR-12-08A	QC	<0.02	<0.02	9.2	<0.1	<0.05	0.4	12.16	20.6	<0.02	<1	0.2	8.4	<10	<2					
SR-12-10	Rock	<0.02	<0.02	9.8	<0.1	<0.05	0.4	6.84	10.1	0.02	<1	0.3	53.8	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
REP SR-12-10	QC	<0.02	<0.02	11.3	<0.1	<0.05	0.5	7.19	10.3	<0.02	1	0.3	55.3	<10	<2					
REP SR-12-12B	QC															3				
Core Reject Duplicates																				
SR-12-12B	Rock	0.16	0.04	7.2	<0.1	<0.05	3.8	11.14	10.8	<0.02	343	0.4	0.5	*	<2	<2	0.460	0.020	0.03	<0.01
DUP SR-12-12B	QC	0.17	0.05	7.0	<0.1	<0.05	3.8	10.77	10.0	<0.02	377	0.5	0.5	*	<2	3	0.531	0.019	0.04	<0.01
Reference Materials																				
STD CDN-PGMS-19	Standard															473				
STD DS9	Standard	0.08	1.45	34.2	6.8	<0.05	2.2	6.09	25.3	2.21	54	4.7	24.7	106	353					
STD GC-7	Standard																0.012	0.560	>10	21.30
STD OREAS133B	Standard																<0.001	0.031	5.04	10.83
STD PD1	Standard															554				
STD DS9 Expected		0.08	1.33	33.8	6.4	0.004	3	5.97	25.4	2.2	61	5.4	25.2	120	360					
STD PD1 Expected																563				
STD CDN-PGMS-19																476				
STD OREAS133B Expected																		0.0332	5.07	11.12
STD GC-7 Expected																	0.011	0.555	10.44	22.06
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	1	<0.1	<0.1	<10	<2					
BLK	Blank															3				
BLK	Blank															<2				
BLK	Blank																<0.001	<0.001	<0.01	<0.01
Prep Wash																				
G1	Prep Blank	0.10	0.48	42.9	0.4	<0.05	1.4	4.72	19.7	0.02	<1	0.4	33.3	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	0.09	0.42	38.5	0.4	<0.05	1.4	4.43	17.2	<0.02	4	<0.1	29.7	<10	<2	N.A.	N.A.	N.A.	N.A.	N.A.

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