ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: VLF-EM Survey – Tenure 392163

TOTAL COST: $12,636.07

AUTHOR(S): Rick Walker
SIGNATURE(S): Signed

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5653893 / June 23, 2017

YEAR OF WORK: 2017

PROPERTY NAME: Balto

CLAIM NAME(S) (on which work was done): 392163

COMMODITIES SOUGHT: Gold, Silver, Copper

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Kamloops
NTS / BCGS:
LATITUDE: _______50___° ______27____’ ____07______"
LONGITUDE: ____120___° ______37____’ ____58______" (at centre of work)
UTM Zone: 10N EASTING: 668,112 NORTHING: 5589708

OWNER(S): Balto Resources Ltd

MAILING ADDRESS:
Suite 401 – 850 West Hastings Street
Vancouver, BC
V6C 1E1
OPERATOR(S) [who paid for the work]:
Balto Resources Ltd
MAILING ADDRESS:
As Above

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
Nicola Group volcanics, Upper Triassic, carbonate-quartz-mariposite alteration

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
36,082, 34,821, 33,849, 33,127, 32,253, 30,703, 29.979, 29,193, 28,396, 27,725, 27,329, 27,156, 25,405, 22,992, 22,346, 19,140, 18,048, 17,337, 17,070, 14,959, 13,302, 11,296, 10,551, 9,854, 8,032, 4,057, 4,042, 4,041

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other VLF-EM	11.3 Line km	392163	9,036.07
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil			
Silt			
Rock			
Compilation soils VLF		392163	3,600.00
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	$12,636.07

ASSESSMENT REPORT

VLF-EM Survey

Tenure 392163

Kamloops Mining Division
NTS 092I047/048

Centre of Work
Latitude 50° 26' 07” N, Longitude 120° 37' 58” W
UTM: 668,112 E, 5,589,708 N, Zone 10 N (NAD 1983)

Submitted For:
BALTO RESOURCES LTD.
Suite 401 - 850 West Hastings Street,
Vancouver, BC
V6C 1E1

Submitted By:
Rick Walker, P.Geol.
Dynamic Exploration Ltd.
1616 - 7th Avenue South
Cranbrook, BC
V1C 5V

Submitted
June 24, 2017

1.0 SUMMARY

The Balto Claim Group consists of two tenures, a Legacy Claim (tenure # 392163) and a Mineral Tenure On-line tenure (tenure # 1029696), together comprising an area of approximately 1,014 hectares. The Property is located 210 kilometres northeast of Vancouver in the Highland Valley area of south central British Columbia. The Property straddles the Coquihalla (#5) Highway and is immediately south of Highway 97D (to Logan Lake), located approximately 48 km north of Merrit and 38 km south of Kamloops.

The Property is characterized by gently rolling, low relief topography, with elevations ranging between 1,215 and 1,350 metres above sea level. Open meadows are located within a dense forest of pine, fir and spruce, with very little or no underbrush. Local, moderately steeply incised stream valleys are present. Wetlands may be present in low lying areas along streams and around lakes.

The Property is located in the southern Intermontane Belt of British Columbia on the southern extent of the Quesnel Terrane. The predominant geological features are Late Triassic island-arc volcanic rocks and mudstone, siltstone and shale clastic sedimentary rocks correlated to the Nicola Group and Late Triassic to early Jurassic intrusive granodiorites.

The Nicola Group on the Ashcroft map sheet, which includes the Balto Claim Group, has been sub-divided into the Eastern, Central and Western Belts on the basis of lithological and chemical differences (Preto 1979). In the immediate area of the property, the Eastern and Central Belts have been mapped.

The property is predominantly underlain by lithologies correlated to the Central Belt of the Nicola Group (Monger and MacMillan 1989), with the northern portion of tenure 392163 underlain by rocks of the Eastern Belt. These strata are juxtaposed to the east, on tenure 1029696, against "Amphibolite, foliated diorite, mylonite and chlorite schist derived from Nicola Group (Monger and MacMillan 1989) by the north trending Clapperton Fault. These strata host small intruive bodies of interpreted Eocene granodiorite and/or quartz monzonite correlated to the Nicola Batholith.

> "Central volcanic faces of Nicola group; intermediate, plagioclase, augite plagioclase porphyry pyroclastics, local pillowed and plagioclase porphyry flows
>
> Eastern volcanic facies of Nicola group; mafic, augite and hornblende porphyry bearing breccia and tuff, local intercalated argillite" (Monger and MacMillan 1989).

Between June 1 and 23, 2017, the author completed: 1) a compilation of previous VLF survey data, 2) a small VLF-EM geophysical survey to fill in a gap between historical surveys and the Surrey Lake Forest Service Road (FSR) on tenure 392163, and 3) an initial compilation of soil geochemical analyses partially overlapping the northern boundary of tenure 392163. VLF-EM data from approximately 1630 stations were compiled, together with approximately 688 multi-element soil analyses A total of 432 readings were taken as part of the 2017 VLF-EM survey, with station locations ascertained using a hand-held Garmin 76 hand-held GPS and Magellan Mobile Mapper GPS.

Survey stations were established every 25 m on east-west survey lines spaced 50 m apart. Approximately 11.3 line kilometres of VLF-EM was surveyed.

Compilation of the results of 11 years of small VLF-EM surveys, preferentially undertaken on the SED Mineral Claim has facilitated identification of localized areas and delineated a number of relatively short linears, interpreted to be possible sub-surface conductors. One such cluster of Fraser Filtered VLF-EM results is spatially associated with anomalous silver – gold ± copper at the Plug MINFILE occurrence, as documented in surface soils, trenching and reverse circulation drilling. Further, carbonate-quartz-mariposite alteration has been identified at surface, extending to depth, spatially associated with shearing.

Furthermore, the presence of an Eocene Granodioritic intrusion immediately to the east, the Nicola Batholith, is expected to have acted as a local heat source driving hydrothermal activity. A previous operator interpreted the aeromagnetic low "... as being caused by a small granitic intrusion underlaying (sic.) the Nicola Volcanics rather close to the surface. The existence of a small monzonite plug immediately south of the property as well as evidence of widespread and intense hydrothermal activity further substantiate this theory. Since the small intrusive bodies elsewhere in the Nicola Belt were found to be associated with important copper molybdenum mineralization the property is more than a fair exploration target" (Cukor 1982).

Given the rich metal (copper-molydenum) endowment in the Highland Valley and, more specifically, associated with intrusions (i.e. the Guichon Batholith), the presence of MINFILE occurrences in the immediate area, together with anomalous copper ± gold mineralization surface geochemical results and VLF-EM conductors, are interpreted to suggest further work on the Balto Claim Group is warranted.

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2.0 INTRODUCTION

The Balto Claim Group consists of two tenures, a Legacy Claim (tenure # 392163) and a Mineral Tenure On-line tenure (tenure # 1029696), together comprising an area of approximately 1,014 hectares. The Property is located 210 kilometres northeast of Vancouver in the Highland Valley area of south central British Columbia. The Property straddles the Coquihalla (#5) Highway and is immediately south of Highway 97D (to Logan Lake), located approximately 48 km north of Merrit and 38 km south of Kamloops.

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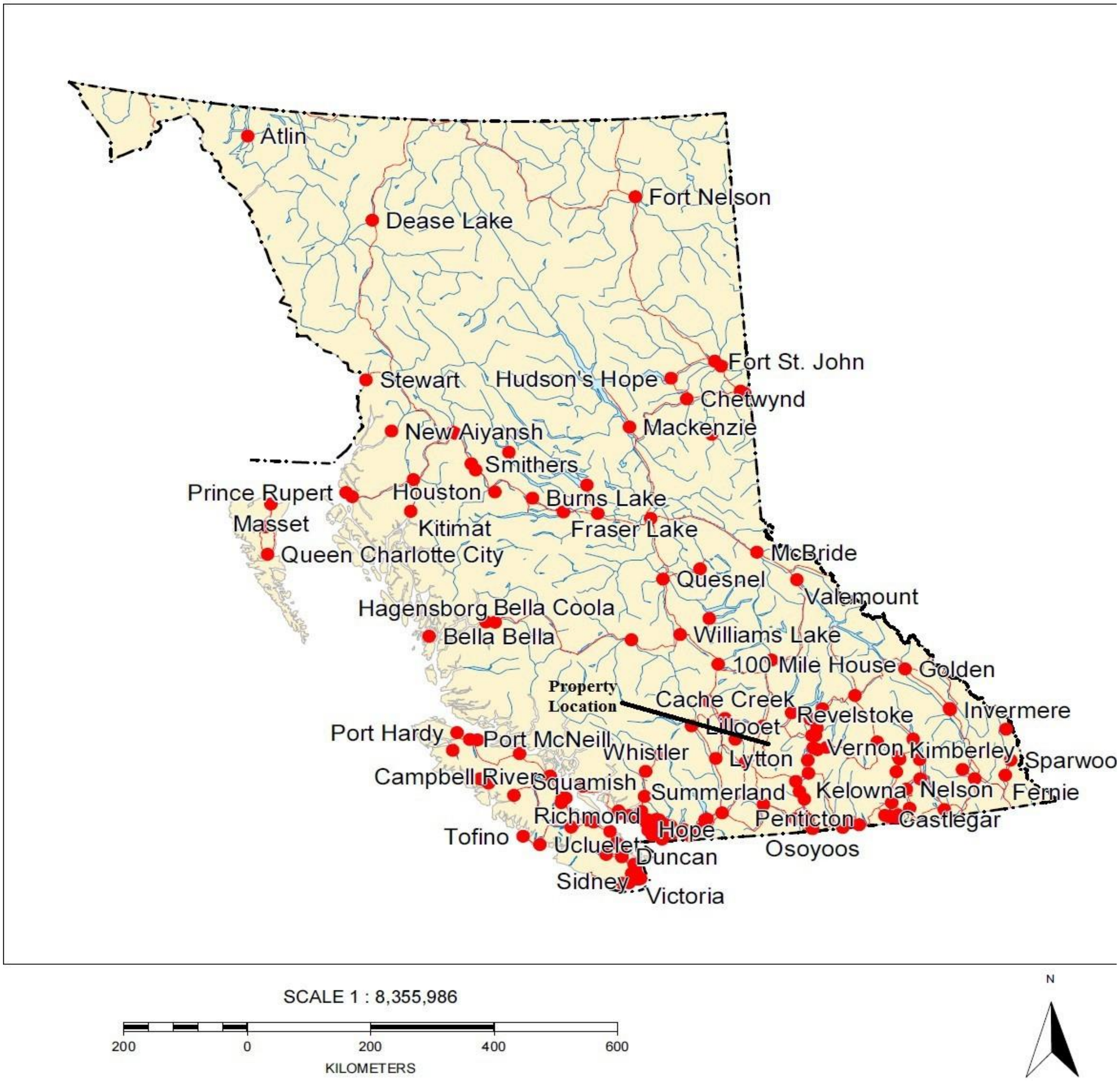
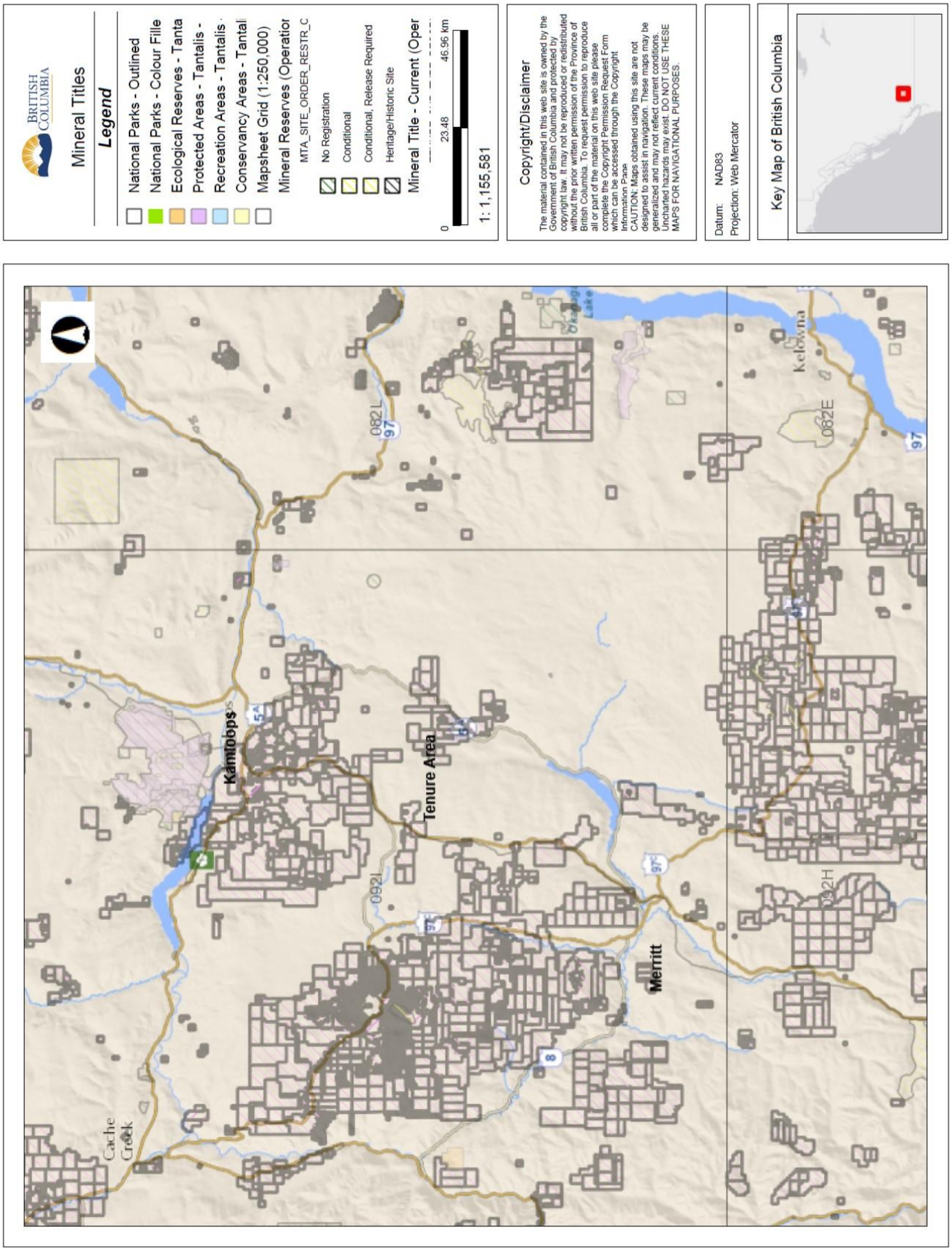


Figure 1 – Regional Location Map

Figure 2 (Following Page) – Property Location Map


BRITISH COLUMBIA
Mineral Titles
Legend
National Parks - Outlined
National Parks - Colour Fille
Ecological Reserves - Tanta
Protected Areas - Tantalis -
Recreation Areas - Tantalis
Conservancy Areas - Tantal
Mapsheet Grid (1:250,000)
Mineral Reserves (Operatior
MTA_SITE_ORDER_RESTR_C
No Registration
Conditional
Conditional, Release Required
Heritage/Historic Site
Mineral Title - Current (Oper
0
23.48
46.96 km
1: 1,155,581
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Datum: NAD83
Projection: Web Mercator
Key Map of British Columbia
Kamloops
Tenure Area
Merritt
Kelowna
Cache Creek
Okanagan Lake
092I
092H
082L
082E
97
5A
8

3.0 PROPERTY LOCATION, DESCRIPTION, ACCESS, PHYSIOGRAPHY and CLIMATE

3.1 Location

The two tenures comprising the Balto Claim Group are located between Desmond Lake to the south and Highway 97D (Logan Lake – Kamloops Highway) to the north, and straddle the Coquihalla Highway, within the Kamloops Mining Division.

The property is located within BC Geographic Services 1:20,000 Terrain and Resource Inventory Maps (TRIM) 092I047 and 048, National Topographic Services (NTS) mapsheet 092I/07, having an approximate centre at Latitude 50° 26' 07" N, Longitude 120° 37' 58" W (UTM Coordinates 668,112 E, 5,589,708 N, Zone 10, NAD 83 Datum).

3.2 Description

The property consists of two contiguous tenures, comprising an area of 1014.6567 hectares, owned by Balto Resources Ltd.. Tenure 392163 (SED Claim) is a Legacy tenure, while 1029696 (unnamed) is a Mineral Titles On-Line tenure. Pertinent tenure information is as follows:

Table 1 - Balto Claim Group

Tenure Number	Type	Claim Name	Good To Date*	Area (ha)
392163	Mineral	SED	2018-06-26	500
1029696	Mineral		2018-06-26	514.6567

*Upon the approval of the 2017 Assessment Report.

3.3 Access

The property is located approximately 48 km north of Merritt and 38 km south of Kamloops, straddling the Coquihalla (#5) Highway. The property can be accessed from the Coquihalla Highway via Exit 336 to Logan Lake (Highway 97D). Proceed west along Highway 97D (toward Logan Lake) for approximately 7 km to the Surrey Lake Forest Service Road (south side of highway). The northern boundary of tenure 392163 (SED Claim) is approximately 1.4 south of Highway 97D. The Summit Lake Forest Service Road extends south through the core of the SED Claim for approximately 2 km, passing immediately west of Desmond Lake at the southern boundary of the Property.

Access throughout the claim group is available using a number of forestry roads, with the exception of the southeastern portion of Tenure 1026969 where road access is lacking. In addition, numerous cut blocks are present on the property which facilitate access.

3.4 Physiography and Climate

The Property is characterized by gently rolling, low relief topography, with elevations ranging between 1,215 and 1,350 metres above sea level. Open meadows are located within a dense forest of pine, fir and spruce, with very little or no underbrush. Local, moderately steeply incised stream valleys are present. Wetlands may be present in low lying areas along streams and around lakes.

The property is within the B.C. Dry Belt which experiences a continental climate characterized by cold winters and hot summers. The Government maintains a weather station at Merritt (ID 1125079; Latitude 50°06'51.004" N, Longitude 120°48'03.005" W, Elevation 609 m), approximately 48 km to the south (Government of Canada 2016).

Between 1981 and 2010 the average temperature in January is -2.9°C, ranging between -7.0°C and 1.1°C. The record low of -42.8°C occurred on December 27, 1980. Average precipitation in December is 36.0 mm, with 13.3 mm falling as rain and 22.7 mm as snow. The average snow depth is 67 cm.

The average temperature in July is 18.8°C, ranging between a high of 26.7°C and a low of 10.8°C. The record high of 39.5°C occurred on July 23, 1994. Average precipitation is 29.1 mm of rain.

Average annual precipitation for the same period is 254.5 mm of rain and 66.7 mm of snow, for a total of 321.1 mm. Snow can be expected on the ground between November (average of 1 cm) and February (2 cm).

Considerably more snow should be expected at the higher elevations characterized by the area of the tenures at an approximate elevation of 1,300 m above sea level. Snowfall can be expected to occur earlier, and persist later, in the season, with the property expected to be available for exploration between the end of March and mid-October.

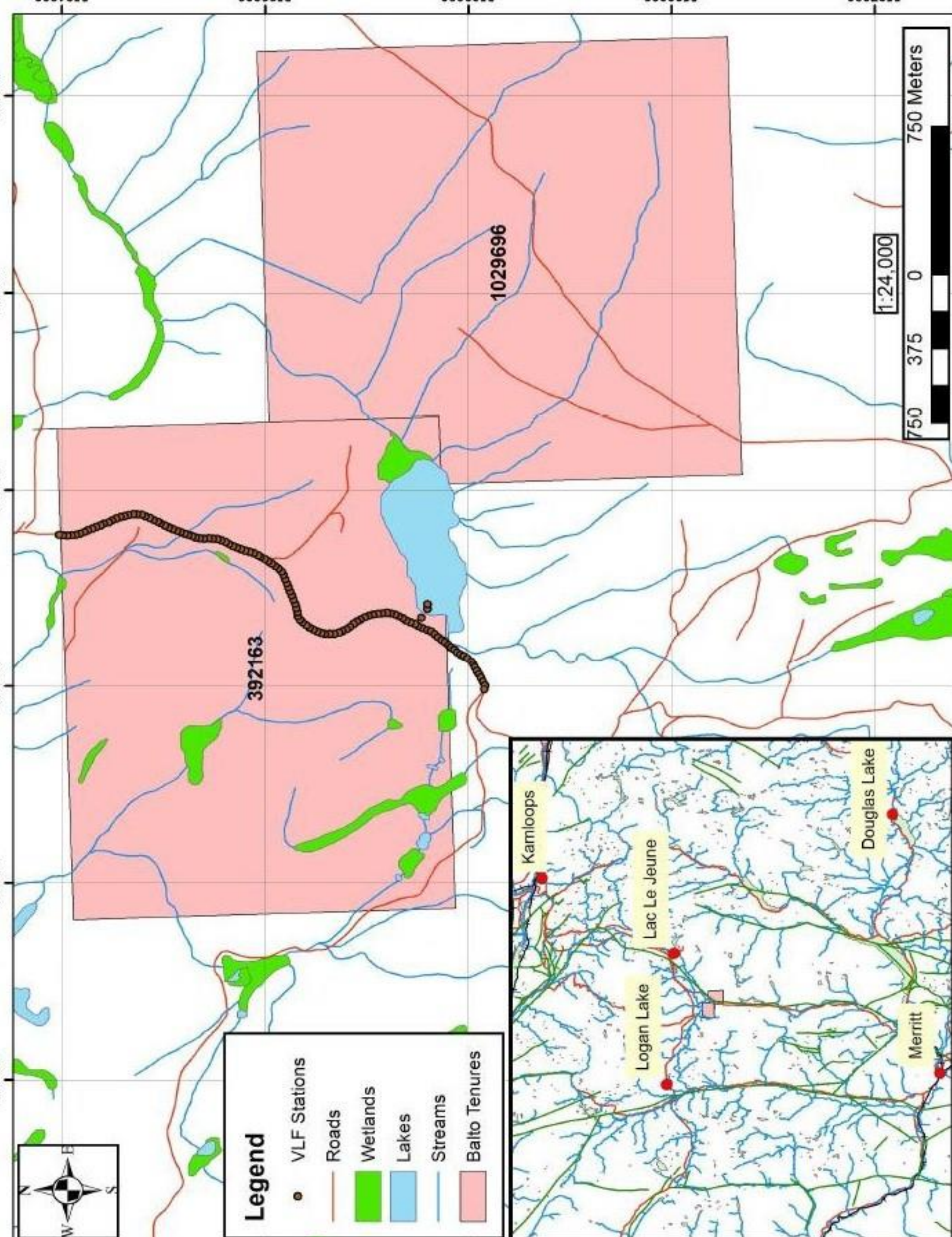


Figure 3 – Tenure map for the Balto Property. Inset: Location of property with respect to local communities.

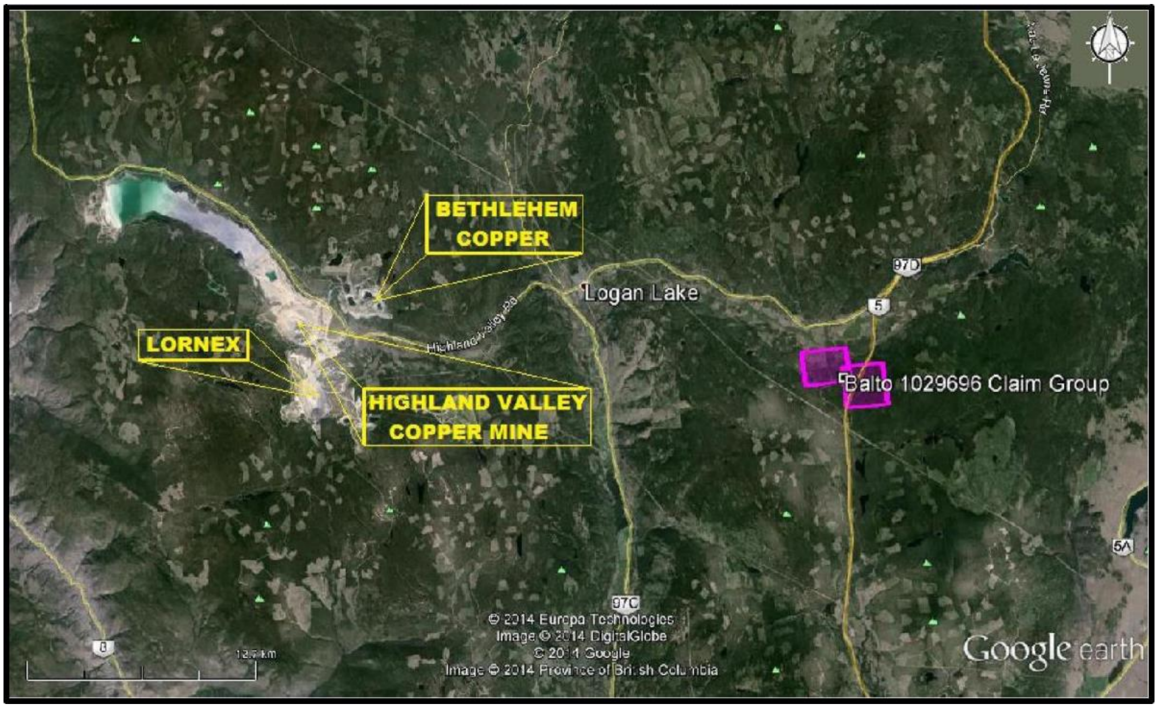


Figure 4 – Location with respect to major past and current producers in Highland Valley area.

4.0 HISTORY

The following was taken from Crooker and Rockel (1986) with respect to the WRT claims immediately north of the Balto Claim Group:

> "A report in the B.C. MMAR for 1888 makes reference to the Bertha and Molly claims (near Dupont Lake) owned by Meadow Creek Mines. At that time, 120 sacks of copper ore had been prepared for shipment and, in the process, a 75 foot shaft of unknown age had been filled in with waste rock."

The following was taken from Lammle (1972):

> "G.S.C. describes two copper showings in the vicinity of Des Group - the Ford and the Dupont Prospects. The initial work on these prospects was done in 1929.
>
> The Ford is a copper showing in basalt along Meadow Creek Road, 6 miles northwest of Desmond Lake. A short adit has been driven into outcrop along the side of the road, and reportedly, a 30 ton shipment from the workings yielded 0.3 oz/ton Ag and 2.14% Cu.
>
> The Dupont prospect is just west of Homfray Lake, 4 miles from Desmond Lake. A 75' shaft in fractured and mineralized rock has now been near obliterated by bulldozing. A short string of open cuts, 1500' west of the shaft, expose copper mineralization along a braided, southeast trending fracture zone. A five ton shipment is said to have been made from this prospect.

For the most part, Meadow Creek area was not seriously explored during the Highland Valley boom, but several shallow cat trenches, and a few small core diamond drill holes collars are evident on what is now Des Group."

The following has been modified from Sookochoff (2015):

1972

Texada Mines Ltd. completed 11 miles of line-cutting, a 14.5 line mile magnetometer survey, a soil geochemical survey comprising 10 miles of line sampled at 200 foot intervals (total of 268 samples) and 1,400 feet of percussion drilling (Nordin and Deleen 1972) on the Plug claims which subsequently lapsed and now is ground covered in part by the northeast corner of the Balto Claim Group. The surveys covered a small portion of the property adjacent to the Balto Claim Group. The results of the surveys outlined four geochemical anomalies and one magnetometer anomaly.

Sampling consisted of 142 samples on the east portion of the grid, (assayed for Cu, Zn and Ag) and 126 samples on the west side of the grid (assayed for Cu only). Work was completed on the Plug claims, which subsequently lapsed and is partially covered by the northeast corner of the Balto Claim Group, with the surveying undertaken on a small portion of the property adjacent to the Balto Claim Group. The results of the surveys outlined four geochemical anomalies and one magnetometer anomaly.

The prime geochemical anomalies were isolated one station anomalies with values of just over 100 ppm copper. They were designated as the "B" anomaly, located within 50 metres of the northern boundary of the Balto Claim Group, and the "A" anomaly located next to Meadow Creek and within 1,000 metres east of the eastern boundary of the Balto Claim Group.

Texada Mines Ltd. completed an Induced Potential survey comprising 5.1 miles of gradient array ("a" spacing of 400 and 800 feet) and 8.9 line miles of Wenner array Induced Potential Surveying ("a" spacing of 1,000 feet) which resulted in identification of a chargeability anomaly, SP anomaly and a resistivity low correlative with the "B" soil anomaly and sub-correlative with the "A" anomaly (Scott and Cochrane 1972).

Percussion drill holes are indicated on the Texada maps; however, there is no information as to their results. The drill holes appear to have tested the correlative "B" and "A" anomalous zones. One drill hole designated as P-72-6 is located on the "B" anomaly at the boundary of the Balto Claim Group. The "B" correlative anomaly is indicated to extend for 250 metres into the Balto Claim Group.

1982

Visa Resources Ltd. completed a reconnaissance program of geological mapping, geochemical soil sampling and initial ground magnetic surveys, using the existing road network, over an area that included all the ground of the Balto Claim Group (Cukor 1982). On the accompanying maps to his report, Cukor outlines some trenches, which are indicated to be located on the Texada correlative anomaly "B". These trenches are also indicated to be located in part on the Balto Claim Group. Cukor

(1982) concluded that the broad, airborne magnetic low could be easily interpreted as being caused by a small granitic intrusion underlying the Nicola Volcanic rather close to the surface and recommended that additional work was warranted.

<u>2003</u>

Dancing Girl Resources Ltd. - A lineament array analysis was completed SED claim to fulfill assessment requirements for one year and to determine the structural control potential for economic mineral zones in this specific area.

> "A total of 59 lineaments were marked, compiled into a 5° class interval and plotted on a Rose diagram ...
>
> The results of the lineament array analysis indicated a conjugate fault system with directions of 025° to 050° and 310° to 330°. The 310° to 330° fault set is indicated topographically by the northwesterly trending Meadow Creek river system which the northeastern portion of the SED mineral claim covers. The second major indicated structural direction, at 025° to 050" is not as obvious, as the topographical lineaments are characterized by discontinuous or localized depressions.
>
> Due to the subdued topography, the associated structures to the two major structures is not clearly defined, however, are indicated by the northerly trending structures" (Sookochoff 2003).

<u>2004</u>

Dancing Star Resources Ltd - A localized soil sampling program was completed on the northern boundary of the SED claim. … The purpose of the survey was to detect any mineralization that may be associated with anomaly A on the adjacent claim and proximal to the common boundary with the SED claim. ...

The soil geochemical survey was not successful in disclosing any continuity of the gold anomaly into the SED claim. The one "anomalous" site should be checked in the field and a parallel line of soil samples taken" (Sookochoff 2004).

<u>2005</u>

Dancing Star Resources Ltd - "A localized soil geochem survey in 2003 over the greater portion of the ground covered by the current VLF-EM survey resulted in copper values up to 105.9 ppm and gold values up to 15.2 ppb.

The current VLF-EM survey indicated a north-south trending anomaly correlating to some of the higher copper geochemical values" (Sookochoff 2005).

2006-2014

A series of small VLF-EM surveys, as well as one magnetometer survey, completed on localized areas on the SED mineral claim for Alto Resources Ltd. And, subsequently, Balto Resources Ltd.

2006

Alcor Resources Ltd. - "(A)localized magnetometer and the VLF-EM survey was completed on the SED mineral claim, which was "... successful in delineating anomalies that may indicate geological controls corresponding to the mineralization (Texada anomaly B) on the property to the north. However, (the) causative source of the anomalies is not clear and could only be clearly interpreted by a field examination" (Sookochoff 2006).

2007

Alcor Resources Ltd. - "(A)localized VLF-EM survey completed on the SED mineral claim in July, 2006 resulted in the delineation of indicated zones of structural intersections that may localize potentially economic mineralization" (Sookochoff 2007).

2008

Balto Resources Ltd. - "(A) localized VLF-EM survey was completed on the SED mineral claim, which resulted in the delineation of two areas of structural intersections that may localize potentially economic mineralization" (Sookochoff 2008).

2009

Balto Resources Ltd. - "The 2008 VLF-EM survey was successful in delineating three prime anomalous zones, each of which is generally indicated as the southerly extension of the three 2006 VLF-EM anomalous zones which were open to the south. Correlating the three 2008 and the 2006 anomalous zones, Zone A would be a 600 metre anomaly closed to the north and open to the south; Zone B would be a 700 metre anomaly open to the north and to the south; and Zone C would extend in a general north-south direction for up to 500 metres and open to the south.

The results of the 2008 VLF-EM survey also disclosed seven potential cross-structural locations which would be prime exploration areas to search for geological and/or mineralogical indications of potentially economic deepseated mineral zones" (Sookochoff 2009).

2010

Balto Resources Ltd. - A small "... exploration program comprised of localized VLF-EM survey was completed on the SED mineral claim....

The 2009 VLF-EM survey was successful in delineating three prime anomalous zones, each of which is indicated as an area zone of intersecting structures where surface seepage of mineralization channelled from depth may have occurred. Thus, these areas would be prime exploration areas to search for geological and/or mineralogical indications of potentially economic deep-seated mineral zones" (Sookochoff 2010).

2011

Balto Resources Ltd. - "A small "... exploration program comprised of localized VLF-EM survey was completed on the SED mineral claim....

The 2010 VLF EM survey was successful in delineating two prime northwesterly trending anomalous zones, orindicated structures, A, and BC. with cross cutting northeasterly indicated structures resulting in two locations ofindicated intersections. These locations would be prime areas to explore for surficial geological indications of potentially sub surface economic mineral zones. A third prime exploration area is indicated midway along thewestern boundary where the 2009 VLF EM survey results combined with the 2010 VLF EM survey results- indicate a cross structure" (Sookochoff 2011).

2012

Balto Resources Ltd. - "A small "... exploration program comprised of localized VLF-EM survey was completed on the SED mineral claim....

The 2011 VLF-EM survey was successful in delineating six potential mineral controlling cross-structural locations which would be prime areas to explore for surface geological indications of potentially sub-surface economic mineral zones" (Sookochoff 2012).

2013

Balto Resources Ltd. - "A small "... exploration program comprised of localized VLF-EM survey was completed on the SED mineral claim....

"Three structural intersections … were located where surficial geological indicators of a potential sub-surface mineral resource may be located. The structural Interpretation of each of the three locations is as follows.

Location 1; Zone A

The prime location for exploration as it may be the intersection of three structures.

- Structure A is indicated as the structure correlating with a watercourse.
- Structure B, the southeast trending fork of structure A, is indicated as an off-setting structure to structure A with the continuation to the south indicated as Structure B in the 2011 VLF-EM survey (AR 33,127). The three structures may, however, may reflect the northerly flowing watercourse ...

- Structure C1, the southwest trending fork of structure A, is indicated as a significant structure as it is indicated to continue through the 2011 VLF-EM survey area where it is open to the southwest (AR 33,127).
- Structure C is a localized en-echelon structure.
- Location 2; Zone A
- Structure E is indicated as a localized splay structure of the main structure A. Location 3; Zone C
- The intersection of structures F & G where structure G is indicated as a potential major southeasterly trending structure projecting for 300 metres through the 2011 VLF-EM survey area and open to the south (AR 33,127)" (Sookochoff 2013).

2014

Balto Resources Ltd. - "A small "... exploration program comprised of localized VLF-EM survey was completed on the SED mineral claim....

The results of the 2013 VLF-EM survey on the SED mineral claim indicated only one area that would warrant exploration for surficial geological indicators of a potentially economic sub-surface mineral resource; area B, indicates an intersection of three structures which shows an anomalously large area that may display structurally induced brecciation amenable to the hosting of hydrothermal fluid sourced mineralization. If the structures were of significant strength, the brecciated zone may well extend to a depth whereby any hydrothermal fluids may be introduced to fill the brecciated voids. The degree and area of brecciation, and the mineral content of the fluids, are only some of the factors in the creation of a mineral resource" (Sookochoff 2014).

Tenures 392163 and 1029696 transferred to Balto Resources Ltd.

2015

Balto Resources Ltd. - (A) "Structural Analysis was accomplished marking the observed lineaments on a DEM Hillside Shade map of Tenure 1011890. A total of 73 lineaments were indicated. A Georient 32v9 software program was used to create a Rose Diagram reflecting the grouping of the lineaments into an individual 10 degree class sector angle interval ...

On Tenure 1029696, three cross-structural locations were defined where central breccia zones with accompanying peripheral fracture zones would be the ideal mineral controlling location for a potential mineral resource.

A dioritic intrusive hosts two of the Tenure 1029696 cross-structures where a surficial indication of a potential underlying mineral resource would be expressed in the mineral assemblage and/or alteration pattern which should provide sufficient information to determine the justification to additional exploration" (Sookochoff 2015).

2016

Balto Resources Ltd. - A small VLF-EM geophysical survey along the Surrey Lake Forest Service Road (FSR) on tenure 392163. A total of 125 readings were taken, with station locations ascertained using a hand-held Garmin 76 hand-held GPS. A total of 2.2 kilometres of VLF-EM was completed.

2017

Balto Resources Ltd. - A ground magnetic survey was completed on the Sed claim. The survey consisted of some 8 line kilometers of ground magnetics, conducted on eight north-south orientated survey lines with a nominal spacing of some 100 m.

4.1 Immediately Adjacent Properties

MEADOW CREEK (PLUG) MINFILE 092ISE155)

Showing (Volcanogenic), 500 m north

In 1986 through 1988, Western Resources Technologies completed programs of geological mapping, prospecting, soil geochemical sampling and geophysical (VLF-EM and magnetometer) surveys. In 1992, G.F. Crooker completed a program of magnetometer and VLF-EM surveys on the JB claims.

In 1995, Goldcliff Resource acquired the property as the S 1 to 48 claims and completed programs of prospecting, geochemical sampling, geophysical surveys, trenching and drilling through 2006.

In 1997, trench-03 gave an average of 0.53 gram per tonne gold and 76.9 grams per tonne silver over a strike length of 31.99 metres and a width of 0.94 metres; including 2.24 grams per tonne gold and 400.6 grams per tonne silver over 4.44 metres, and 6.14 grams per tonne gold and 1715.0 grams per tonne silver over 0.36 metre. The same year, percussion drilling (PDH-01) tested trench-03 returned an average of 0.08 gram per tonne gold and 27.8 grams per tonne silver over a length of 47.25 metres (Assessment Report 25405).

Commerce Resource Corporation reports a best mineralized drill intersection of 3.5 metres containing 2.83 grams per tonne gold and 37.7 grams per tonne silver (Press Release June 14, 2002).

1985-1988

Western Resources Technologies Inc. completed geological, geochemical and geophysical surveys on the WRT group of mineral claims located adjacent to the north of the Balto Claim Group and on ground now covered by the Balto Claim Group. Work was carried out over two localized areas designated as the Rhyolite Grid and the Meadow Creek Grid (the southern portion of which is now covered by the Balto Claim Group). The Meadow Creek grid also includes the West Central and the South Central Plug showings which are the renamed Texada "B" correlative anomaly (West Central Plug showing) and the Texada "A" anomaly (South Central Plug showing).

1986

A silt sampling survey was carried out over all drainages covered by the claims. Three grids were established and soil sampling, magnetometer and VLF-EM surveying, and some IP surveying were carried over the grids.
Some rock geochemical sampling was also carried out.
Of pertinence to the Balto Claim Group was establishment of the Meadow Creek Grid, with baseline oriented north-south, and survey lines perpendicular to the baseline, spaced between 100 and 200 meters apart and a station spacing of 50 metres.

Survey totals - Geochemical soil sampling - 11.2 line kilometres / 221 samples

VLF-EM survey – 11.2 line kilometres

Magnetometer survey - 12.7 line kilometres

Induced Potential survey - 225 m.

"Work has been done in the past by Texada Mines Ltd. who drilled a series of eight percussion drill holes to test a feldspar porphyry for copper. The results are not available but presumably the mineralization was not economic. Other reported occurrences of minerals have been noted. One is a silver-bearing galena-sphaleritechalcopyrite zone in a quartz, mariposite schist. The mariposite is reported as an alteration product along faults and is normally accompanied by carbonate and quartz.

As gold is often found associated with the above alteration, the Meadow Creek Grid is of considerable importance in any further exploration" (Crooker and Rockel 1986).

1987

VLF-EM and Magnetometer surveys completed on grid (16.2 line km) with baseline oriented northsouth, and survey lines perpendicular to baseline, spaced between 100 and 200 meters apart and a station spacing of 25 meters. Soil sampling completed on grid, over 14.8 line km, total of 289 soil samples every 50 m, analyzed by 31 element ICP

> "The program on the Meadow Creek grid outlined a number of weak to moderate gold geochemical anomalies with values of up to 700 ppb Au. Two copper geochemical anomalies were also outlined. Prospecting of old trenches revealed weak to moderate quartz + carbonate + mariposite alteration over several hundred meters. Outcrop is sparse over most of the areas underlain by the geochemical anomalies ...
>
> The magnetometer survey indicated several area of higher magnetic activity while the VLF EM survey indicated several conductors. The most favourable results however came from the soil geochemical survey which outlined a number of weak to moderate gold anomalies with

values of up to 700 ppb Au. Several copper anomalies were also outlined. Three old trenches were found and quartz + carbonate + mariposite alteration noted at a number of locations.

The presence of the mariposite alteration, gold geochemical anomalies and lack of outcrop make this the priority target on the property for precious metal exploration. Most of the area is covered with thick overburden and weak geochemical responses may be quite significant." (Crooker and Rockel 1988a).

1988

"On the Meadow Creek Grid, fill-in lines and soil geochemical sampling as well as prospecting and geological mapping were carried out. ... The program on the Meadow Creek Grid outlined a number of weak to moderate gold geochemical anomalies with values of up to 700 ppb gold. Several silver and copper geochemical anomalies were also outlined. Prospecting and sampling of the old trenches at the west central zone revealed weak to moderate carbonate + quartz + mariposite alteration over several hundred meters, with a grab sample (88-23) yielding gold and silver values of 7500 ppb (0.282 oz/ton) and 67.5 ppm respectively.

Several soil samples taken from the same trench as sample 88-23 gave 70 and 150 ppb gold. Two grab samples taken of quartz + carbonate + mariposite schist with galena and sphalerite from the south central zone yielded 605 and 482 ppb gold, and 165.1 and 258.4 ppm silver" (Crooker and Rockel 1988b).

1992

Crooker (1992) completed a geophysical (magnetometer and VLF-EM) survey on the "south central zone" of the Meadow Creek grid on the JB 1 to 12 Claims (former WRT Tenures). The tenures covered the previously identified anomalous zones "A" and "B".

Two magnetic features were outlined by the survey. A prominent, roughly circular magnetic high centered at 8825N on line 196503 may be the expression of a buried intrusive body. A number of northwest-southeast trending magnetic lows form a linear feature cutting across the central portion of the grid. This feature may represent a fault zone.

A large number of weak to moderate conductors were delineated by the VLF-EM survey" (Crooker 1992).

PLUG (MINFILE 092ISE196)

Showing (Volcanogenic), 50 m north

Between 1986 and 1988, Western Resources Technologies completed programs of geological mapping, prospecting, soil geochemical sampling and geophysical (VLF-EM and magnetometer) surveys. A grab sample of carbonate altered rock from the west- central zone along Meadow Creek assayed 7.5 grams per tonne gold and 67.5 grams per tonne silver (Assessment Report 18048). In 1992, G.F. Crooker completed a program of magnetometer and VLF-EM surveys on the JB claims.

In 1995, Goldcliff Resource acquired the property as the S 1 to 48 claims and between then and 2006 they completed programs of prospecting, geochemical sampling, geophysical surveys, trenching and drilling. In 1995, five rock samples returned gold values ranging from 0.060 to 2.620 grams per tonne and silver values ranging from 1.8 to 114.5 grams per tonne (Assessment Report 24862). In 1997, trench-02 gave an average of 4.35 grams per tonne gold and 52.2 grams per tonne silver over a strike length of 11.98 metres and a width on 1.33 metres; including 20.78 grams per tonne gold and 113.0 grams per tonne silver over a width of 0.56 metre. The same year, percussion drilling (PDH-02) tested trench-02 and returned an average of 1.30 grams per tonne gold and 17.2 grams per tonne silver over a length of 9.91 metres (Assessment Report 25405). Commerce Resource Corporation reports a best mineralized drill intersection of 3.5 metres containing 2.83 grams per tonne gold and 37.7 grams per tonne silver (Press Release June 14, 2002).

<u>1996</u>

Goldcliff Resource Corporation – After acquiring the property in the fall of 1995, and during 1996 established grid lines over most of the property Soil and silt geochemical sampling, magnetic and VLF-EM geophysical surveying and prospecting were also carried out. The silt sampling program yielded anomalous gold values from Meadow Creek below the Plug and Meadow showings, Hay Brook and the northwesterly flowing drainages in the southeastern portion of the property. A number of gold, copper and mercury soil geochemical anomalies were also delineated, along with magnetic features and VLF-EM conductors.

<u>1997</u>

Goldcliff Resource Corporation – completed cursory prospecting of gold and copper soil geochemical anomalies, together with trenching and reverse circulation drilling on the Plug and Meadow showings. The following select conclusions have been taken from Crocker (1997):

> "1.2 Geological mapping of the trenches at the Plug showing revealed a large area of carbonate-quartz-mariposite (C-Q-M) alteration. Sampling of the C-Q-M alteration revealed that the moderately to strongly anomalous gold and silver values are restricted to trench 02, ...
>
> 1.3 The economically significant gold and silver values in trench 03 are related to a one to two metre wide, east-west striking, moderately south dipping shear zone exposed for 10 metres

along strike. The shear zone yielded gold values ranging from 1.005 grams/tonne across 100 centimetres to 4.560 grams/tonne across 200 centimetres, and silver values ranging from 36.8 grams/tonne across 100 centimetres to 113 grams/tonne across 200 centimetres. The C-Q-M alteration adjacent to the shear zone also yielded moderately to strongly anomalous gold and silver values. Gold values range from 0.20 grams/tonne across 100 centimetres to 20.76 grams/tonne across 65 centimetres and silver values range from 6.2 grams/tonne across 50 centimetres to 64.8 grams/tonne across 150 centimetres.

1.4 Reverse circulation drilling on the Plug showing tested the C-Q-M alteration exposed in the trenches. The drilling revealed a significant vertical extent to the C-Q-M alteration. but anomalous gold and silver values were restricted to the drill holes adjacent to trench 02 (PL02, PL03 and PL04).

1.5 Drill hole PL02 was drilled adjacent to trench 02 and intersected C-Q-M alteration with strongly anomalous gold and silver values. The section from 10 to 40 feet (five foot sample intervals) yielded anomalous gold values ranging from 0.700 to 2.850 grams/tonne, including 2.600 grams/tonne from 30 to 40 feet. The section also yielded anomalous silver values ranging from 4.8 to 40.2 grams/tonne, including 37.5 grams/tonne from 30 to 40 feet. Drill hole PL03 was an angle hole drilled to intersect the gold and silver mineralization at greater depth This drill hole intersected C-Q-M alteration and yielded a five-foot section from 55 to 60 feet with weakly anomalous gold and silver values of 0.825 and 11.0 grams/tonne respectively.

1.6 The section A-A* through trench 02 and drill holes PL02 and PL03 indicate a moderately south dipping zone of gold and silver mineralization. The extent of the zone is unknown at this time.

1.7 Geological mapping of trench 03 at the Meadow showing revealed a 30-metre strike length of chlorite-mica-mariposite schist up to two metres wide containing quartz veinlets. Along most of the trench the quartz veinlets vary from two millimetres to two centimetres in width, but near the central portion of the trench the quartz vein widens to 35 centimetres. Traces of pyrite and galena occur with the quartz vein material. Gold (50 to 250 ppb) and silver (3.0 to 69.0) values were weakly anomalous in most samples across widths varying from 60 to 150 centimetres. Gold (4.420 to 6.140 grams/tonne) and silver (161 to 1715 grams/tonne) values were strongly anomalous in three samples of galena and sphalerite bearing quartz vein across 35 centimetres.

1.8 Drill hole PL01 on the Meadow showing was a vertical hole at trench 03 drilled down the zone to test the weakly anomalous gold and silver values. Minor to rare quartz veining was noted from 5 to 80 feet. Two sections. from 5 to 20 and 60 to 60 feet gave weakly anomalous gold (0.200 to 0.350 grams/tonne) and silver (2.6 to 168.0 grams/tonne) values."

Former DES Claims

Immediately south of Desmond Lake and the southern boundary of tenure 392163)

Newco Ventures Ltd. completed geochemical survey over DES 1-98 claims, extending south from the Desmond Lake area (on current tenure 392163) for approximately 2 km south of the Balto Claim Group (Lammle 1972). A total of 1128 soil samples were analyzed for copper.

"Two large soil anomalies of moderate intensity, but in masking limy soils, have been located in Nicola Group volcanic rocks in vicinity of interesting intrusive diorite. Also these anomalies are either subjacent to, or in the immediate proximity of an intriguing group of intersections of regional aeromagnetic lineaments, several of which are known to be economically significant."

1977

"In 1977, two lines of I.P. Survey were carried out on the southeast portion of the (DES) property (La Rue 1987).

1980

"During the last part of September, 1979, a combined magnetic and VLF-EM survey was carried out on the DES Claim. The VLF-EM and Magnetic readings were taken every 50 meters on 100-meter separated east-west lines (Mark 1980). ... A total of 4.1 line km of survey were done with 86 readings taken. ...

Northerly and northwesterly trending VLF-EM anomalies were located on the Des Claim. These correlate directly with magnetic highs varying from low to high intensities. The VLF-EM anomalies are quite likely reflecting fault, shear or fracture zones which may contain copper sulphides."

1981

"A total of 2.8 line km of Induced Potential surveying (dipole - dipole array with an "a" spacing of 100m and "n"= 2) was completed on the DES Claim. The survey (was interpreted to) indicate the presence of a northerly to northwesterly striking zone of anomalous Induced Potential effects in the western part of the grid, and a weakly anomalous area coincident with the previously indicated copper geochemical anomaly" (MacQuarrie 1981).

1983

Visa Resources Ltd. completed a localized magnetometer survey south of Desmond Lake, utilizing the existing road network (Cukor 1983). The results of the survey were inconclusive.

1984

A total of 1.4 km. of Induced Potential surveying (dipole - dipole array with an “a” spacing of 100m and “n”= 1) was completed on the DES Claim (MacQuarrie and Boitard 1984).

> “The 1984 program has extended the anomalous Induced Potential zone an additional 200 m. northerly from its previously defined limits in the 1981 survey. … The anomalous responses detected by the 1984 program are probably related to source rocks as was interpreted in the 1981 report, that being pyrite+/chalcopyrite mineralization in Nicola Volcanic rocks.”

1987

A total of 3 km of Induced Potential survey was carried out (on the DES Claim), consisting of 44 readings at 50 meter intervals. The Induced Potential survey was carried out with 100 meter dipole-dipole spacing with readings taken at 50 meter intervals (La Rue 1987).

“The results of the 1987 Induced Potential Survey have extended the north-northwest trending I.P. anomaly an additional 200 meters northerly from the previously defined limits of the 1981 and 1984 Surveys. ... (and) ...are probably related to source rocks as was interpreted in the 1981 report, that being pyrite +/- chalcopyrite mineralization in Nicola Volcanic rocks.”

1989

> “A diamond drilling program consisting of seven holes totalling 2046.60 m was completed on the Des Claim Group (Author's Note: immediately south of Desmond Lake and the southern boundary of tenure 392163) ... The purpose of drilling was to drill the Induced Potential anomaly to locate sulphides which could be associated with sulphides of economic value.
>
> Based on ... examinations of the drill cores for Holes Des 89-1 through Des 8-7, the drill tested area is mainly underlain by variants of basaltic lithotype. A portion of the northeastern sector of the drill tested area appears to be underlain by andesite to trachyandesite. As common with regional metamorphic effects in the Nicola volcanics, chloritization, epidotization and hematoankeritization are evident in the area of question. Scapolitization occurs commonly in the basaltic rock at depth, about 150 meters below the surface. Bleaching, kaolinization and argillization plus mylonitized shear zones in places present moderate sulphide mineralization, but its auriferous content would not be significant to date” (Kim 1989).

5.0 REGIONAL GEOLOGY

The following has been modified from Sookochoff (2015):

The Property is located in the southern Intermontane Belt of British Columbia on the southern extent of the Quesnel Terrane. The predominant geological features are Late Triassic island-arc volcanic rocks and mudstone, siltstone and shale clastic sedimentary rocks correlated to the Nicola Group and Late Triassic to early Jurassic intrusive granodiorites.

The Late Triassic Nicola Group is a succession of volcanic rocks deposited in an island-arc setting, within a 30 to 60 km wide, northwest-trending belt extending from southern B.C. to the southern Yukon. This belt is juxtaposed against older rocks and was subsequently intruded by intrusive batholiths and stocks. Major batholiths in the area include the Guichon Creek Batholith (west), the Wild Horse Batholith (east) and the Iron Mask Batholith (north-northeast).

> “Nicola Group volcanic rocks in this part of Central British Colombia, including volcanic rocks between the Iron Mask and the Guichon batholiths, west of the Guichon batholith and East of the Iron Mask batholith have been divided into three belts (or facies) on the basis of their distinct facies and assemblages, following the recognition by Preto (1979): (1) a western belt consisting predominantly of subaqueous felsic, intermediate and mafic volcanic rocks of calcalkalic affinity that grade upward into volcanic rocks, (2) a central belt that includes alkalic and calcalkalic subaqueous and subaerial basalts and andesite flows, volcanic breccias and lahars, and (3) and eastern belt comprised predominantly of subaqueous and subaerial alkalic intermediate and mafic volcanic flows, fragmental and at the classic rocks (Owsiaki, 2003). These three faceis are labelled N_{VW}, N_{VC} and N_{VE}, respectively. ... The eastern facies is widespread, but the central facies is restricted to the northwestern part of the area near Savona. The belt of Nicola Group volcanic rocks along the eastern margin of the area is designated as undivided volcanic rocks (N_{VU})” (Thomas 2010).

The Guichon Batholith has intruded a succession of island-arc volcanic and associated sedimentary lithologies of the Nicola Group. Associated thermal alteration has produced a metamorphic halo up to 500 meters wide, developed within host lithologies the adjacent to the contact. Intrusive phases along the margin of the batholith are older and more mafic, with younger and more felsic successive phases identified inward toward the core. Although contacts can be sharp, they are generally gradational and chilled contacts are not common. Variations in the geochemistry of different phases within the batholith are interpreted to indicate local areas of assimilated country rock in the border zone, as well as roof pendants within the intrusion. Exposed outcrops may have inclusions of amphibolite and “granitized” metamorphic rocks, with associated compositional variations.

The Guichon Creek batholith is a large, composite intrusion having nine major porphyry copper deposits within a 15 square kilometer zone in the core of the batholith. The Balto Claim Group is hosted within Nicola volcanics approximately 10 kilometres east of the intrusive contact between the Guichon Batholith and host Nicola Group volcanics. The batholith is a semi-concordant, composite intrusive, having an elliptical shape elongated slightly west of north. A steeply plunging root or feeder zone is inferred under Highland Valley, with the known major deposits located at the projection of this feeder zone to surface.

Major copper-molybdenum porphyry deposits in the area include the producing mines within the Highland Valley (20 to 28 km west), New Afton Mine (formerly the Afton mine - 30 km north-northeast) and the recently identified KGHM/Ajax deposit (26 kilometres north-northeast). The KGHM/Ajax deposit (formerly the Ajax mine) is scheduled to commence production in the near future.

The following summaries have been taken from the BC Geological Survey Branch's MINFILE database and are considered as possible exploration models for the Balto Claim Group.

5.1 **BETHLEHEM** (MINFILE 092ISW001)

Past Producer (Porphyry Cu+/-Mo+-Au), 28 km west

The Bethlehem property lies within the Early Jurassic-Late Triassic Guichon Creek batholith and straddles an intrusive contact where younger Bethlehem phase rocks form an irregular embayment in older Guichon variety rocks. The Bethlehem phase is medium-grained granodiorite to quartz diorite which ranges from equigranular to hornblende-biotite porphyry. The Guichon variety is medium-grained granodiorite. Igneous breccias are postulated to have been forcefully emplaced. Clasts up to 20 centimetres in diameter are subrounded and sit in a generally compact, but sometimes vuggy matrix. The granodiorites and breccias are intruded by north trending, steeply dipping dykes which are compositionally similar to the enclosing rocks; contacts are chilled. Most of the dykes are dacite porphyry and range in width from less than 1 metre to 60 metres. The Bethlehem ore deposits East Jersey (092ISE002), Huestis (092ISE004), Iona (092ISE006), and Snowstorm (092ISE005) are controlled by north trending faults and are localized in zones of closely-spaced fractures. Mineralization is concentrated in breccia bodies, faults and highly fractured areas. The Jersey fault cuts through the centre of the Jersey pit.

Hydrothermal alteration is restricted to the immediate area of the ore zones. The distribution of secondary biotite defines an inner potassic zone, sericite with kaolinite and montmorillonite define an intermediate phyllic zone, and epidote defines a peripheral propylitic zone. There is an outer halo of chloritized mafic minerals. Calcite, zeolite and quartz veining and vug-filling is common.

Metallic mineral zoning is very similar to alteration patterns. Bornite and chalcopyrite occur in the hydrothermal biotite zone, specularite in the epidote zone and minor pyrite in the outer halo. Molybdenite, chalcocite and magnetite occur in minor amounts. Malachite, azurite, chrysocolla, cuprite, native copper, hematite, goethite and manganese oxides occur to shallow depths. An age date from a sample of a mixture of magmatic and hydrothermal biotite from the Iona ore zone (092ISE006) returned 199 Ma +/- 8 Ma (Canadian Institute of Mining and Metallurgy Special Volume 15).

The Jersey orebody hosts disseminated mineralization and occurs in an area of relatively evenly distributed and variously oriented pervasive fracturing. Irregular, discontinuous quartz veins also hosts mineralization.

5.2 **HIGHLAND VALLEY COPPER** (MINFILE 092ISW012)

Producer (Porphyry Cu+/-Mo+-Au), 27 km west

The Valley deposit lies within the Late Triassic to Early Jurassic Guichon Creek batholith and is hosted by Bethsaida phase porphyritic quartz monzonite and granodiorite.

Feldspar porphyry and quartz feldspar porphyry dykes 0.6 to 35 metres wide dip steeply eastward in the western and central areas, and northward in the southern area of the deposit. These dykes are cut by mineralized fractures and quartz veinlets, and have been dated at 204 Ma +/- 4 Ma.

The Bethsaida granodiorite is also intruded by aplite dykes up to 30 centimetres wide, tan-coloured felsite dykes up to 4.5 metres wide, and three types of lamprophyre dykes (spessartite, hornblende vogesite, vogesite).

The most prominent structural features are the north trending, west dipping Lornex fault and the east trending Highland Valley fault. Faults and fractures in the deposit comprise four main sets. Quartz veinlets are subparallel to two of the earlier formed fault and fracture sets.

Silicic, potassic, phyllic, argillic and propylitic alteration are intimately associated. Stockworks of quartz veinlets 1 to 2 centimetres in width are common. Vuggy veinlets have envelopes of medium-grained sericite and/or potassic feldspar, and contain minor amounts of sericite, plagioclase, potassium feldspar, calcite, hematite, bornite, chalcopyrite, molybdenite, digenite and covellite. These veinlets are moderately abundant within the 0.3 per cent copper isopleth. An area of well-developed barren quartz veinlets, generally 0.5 to 1.3 millimetres wide, without alteration envelopes, occurs in the southeastern part of the deposit.

In the west-central part of the deposit, potassium feldspar is associated with vein sericite in some replacement zones, as veinlet envelopes along fractures, and disseminated in quartz veinlets. Hydrothermal biotite occurs in small amounts. Flaky sericite and quartz, both as replacement zones and as envelopes around quartz veinlets, constitute the most common type of alteration associated with copper mineralization. Strong phyllic alteration coincides with the 0.5 per cent copper isopleth. Phyllic alteration is closely associated with pervasive argillization, which is strongest where fractures are most closely spaced. Feldspars are altered to sericite, kaolinite, quartz and calcite. The phyllic-argillic zone grades outward to a peripheral zone of weak to moderate propylitization, characterized by clay, sericite, epidote, clinozoisite and calcite replacing plagioclase, and chlorite and epidote replacing biotite. The age of hydrothermal alteration is approximately 191 Ma.

At the Valley deposit, gypsum is interpreted to be secondary and post-ore. It is commonly fibrous and white to orange but locally it forms large platy crystals or may be massive. Anhydrite, which is also present, provides indirect evidence for the secondary nature of the gypsum. It is apparently the same age as and associated with sericitic and potassic alteration. Quartz-gypsum veins and quartz-potash feldspar veins in which gypsum fills interstices provide more direct evidence for its secondary nature. Gypsum is believed to have formed at the expense of anhydrite which was deposited from the ore-forming fluids. Gypsum veins are common in the lower portion of the orebody (Open File 1991-15).

Highland Valley Copper operates two distinct mines, the Valley mine and the Lornex mine, and between the two has measured and indicated ore reserves of 761 million tonnes of 0.408 per cent copper and 0.0072 molybdenum. The ore reserves of each mine are: Valley mine - 627 million tonnes at 0.418 per cent copper and 0.0056 per cent molybdenum; Lornex mine - 135 million tonnes at 0.364 per cent copper and 0.0144 per cent molybdenum. The individual mine reserves are calculated at an equivalent cutoff grade of 0.25 per cent copper using a molybdenum multiplying factor of 3.5 (CIM Bulletin July/August 1992, pages 73,74).

5.3 **LORNEX** (MINFILE 092ISW045)

Producer (Porphyry Cu+/-Mo+-Au), 25 km west

The Lornex deposit lies in the central core of the Late Triassic-Early Jurassic Guichon Creek batholith and occurs within Skeena variety granodiorite to quartz diorite. This rock is medium to coarse-grained and slightly porphyritic. The Lornex property straddles the north trending, west dipping Lornex fault which juxtaposes Skeena rocks on the east side with Bethsaida phase quartz monzonite on the west. A pre-mineral quartz porphyry dyke, probably related to the Bethsaida phase, trends northwest and pinches out in the Lornex deposit.

Mineralization is controlled by the distribution and density of fracture sets. Three major sets of copper-molybdenum veins strike north-northeast to east and dip moderately southeastward. There are two sets of post-mineral fault and fracture systems; one which roughly parallels the mineralized veins and another which offsets the first up to 2 metres. The most prominent structural feature is the Lornex fault which dips 55 degrees to the west in the southern part of the orebody, and steepens to nearly vertical in the north.

This fault truncates the northwestern part of the deposit. It is characterized by a 10 centimetre to 1.5-metre wide black gouge on the footwall and discontinuous mylonite pods 1 to 50 metres wide in the hanging wall. Five main types of hydrothermal alteration are related to quartz and sulphide mineralization. Pervasive silicification, consisting of close spaced quartz veins with associated quartz alteration, is hosted by the Skeena rocks. The quartz porphyry dyke is only weakly affected by hydrothermal alteration.

Potassium feldspar veinlets and hydrothermal biotite are erratically distributed. Argillic alteration is pervasive throughout the ore zone and is characterized by quartz, sericite, kaolinite, montmorillonite and chlorite. Copper grades generally correspond to the intensity of argillization. Within the argillic zone, phyllic alteration consists of grey quartz-sericite envelopes on mineralized veins. Pervasive propylitization, consisting of epidote (zoisite), chlorite and carbonates (calcite), is peripheral to the argillic zone. There is also an irregular zone of late-stage gypsum.

The Lornex deposit is 1900 metres long, 500 metres wide and plunges northwest to a depth of at least 750 metres. Chalcopyrite, bornite and pyrite constitute 1.5 per cent of the ore zone and occur in three roughly concentric sulphide zones respectively. Sulphides occur mainly with quartz as fracture-fillings and coatings. Veins average 5 to 15 millimetres in width. Molybdenite occurs as thin laminae in banded quartz veins and less often as rosettes in vuggy quartz veins. The oxide zone averages 3 to 30 metres in thickness and thins toward the east. Supergene minerals are malachite, limonite, pyrolusite, azurite, cuprite, chalcocite, covellite, and native copper.

Published reserves at January 1, 1995 were 539.7 million tonnes grading 0.42 per cent copper and 0.0073 per cent molybdenum. The mine life is estimated to be about fourteen more years (Information Circular 1995-9, page 6).

Mineralization is controlled by the distribution and density of fracture sets. Three major sets of copper-molybdenum veins strike north-northeast to east and dip moderately southeastward. There are two sets of post-mineral fault and fracture systems; one which roughly parallels the mineralized veins and another which offsets the first up to 2 metres.

The most prominent structural feature is the Lornex fault which dips 55 degrees to the west in the southern part of the orebody, and steepens to nearly vertical in the north. This fault truncates the northwestern part of the deposit. It is characterized by a 10 centimetre to 1.5-metre wide black gouge on the footwall and discontinuous mylonite pods 1 to 50 metres wide in the hanging wall.

5.4 **BERTHA - MOLLY** (MINFILE 092ISE012)

Past Producer (Stockwork), 5 km west

The Dupont Lake area is underlain mainly by Upper Triassic Nicola Group intermediate volcanics and derivatives.

Approximately 8 kilometres to the west, Nicola Group rocks are in contact with the Lower Jurassic Guichon Creek batholith. Quartz diorite outcrops southwest of Dupont Lake.

The Bertha-Molly showing is hosted by purplish amygdaloidal andesites with intercalated reddish tuffs. These rocks are strongly fractured and chloritized. The original shaft was sunk at a point where patches of cuprite occur in fractures. Small shipments were made.

Recent development has exposed malachite, azurite, chalcopyrite, cuprite and pyrite hosted by shears and fracture-fillings in vesicular volcanics and red tuffs. Mineralization is structurally controlled with an apparent north trend. A common alteration is calcite and epidote with silicification becoming stronger at depth.

5.5 **RHYOLITE** (MINFILE 092ISE021)

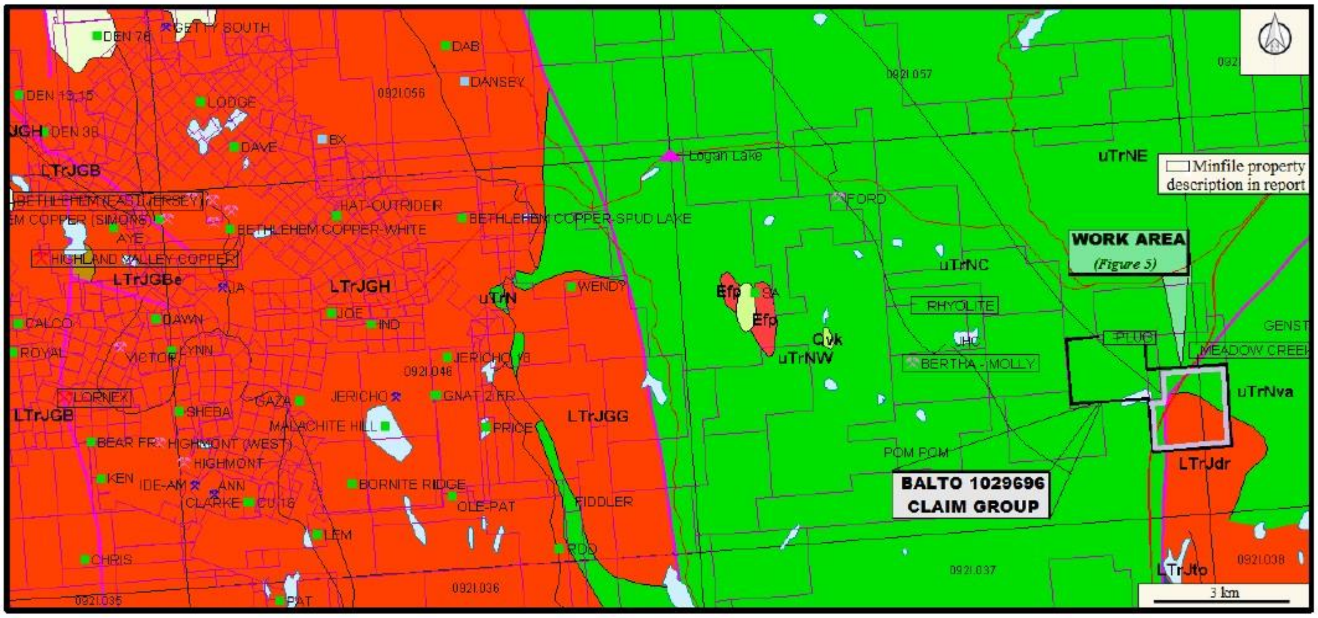
Showing (Porphyry Cu +/- Mo +/- Au), 5 km west

The area straddles a northwest trending contact between two volcanic sequences of the Upper Triassic Nicola Group. To the west are plagioclase, plagioclase-augite intermediate pyroclastic and epiclastic breccia, conglomerate, tuff, sandstone, local shale and augite porphyry bodies. The central portion to the east is underlain by aphanitic pillowed mafic flows. The contact between these two sequences hosts the Rhyolite occurrence.

The Rhyolite showing is underlain by grey, green or black amygdaloidal basalt of the Upper Triassic Nicola Group. Varicoloured calcite amygdules occur within an aphanitic groundmass. Several beds of maroon to green volcaniclastic breccia occur within the basalt and contain maroon, sub-rounded to sub-angular clasts ranging up to 30 by 15 centimetres. Two northwest trending, light grey-green, aphanitic, siliceous and pyritic felsic dykes, 3 to 4 metres wide, also occur.

Mineralization occurs in amygdaloidal basalt near the flow-volcaniclastic contact and is related to narrow quartz-carbonate veinlets within shears. Several old trenches indicate the shear zone strikes approximately 335 to 345 degrees and dips steeply west. Pyrite is present with minor chalcopyrite, azurite, malachite and sphalerite. Rock samples from this zone assayed up to 0.377 per cent copper, 0.218 per cent zinc and are weakly anomalous in gold and silver values (Assessment Report 18048).

Figure 5 – Geology Map of Highland Valley area, with Claims, MINFILE occurrences and Balto Claim Group indicated. (from Sookochoff 2015)



LEGEND

Qvk
Pleistocene to Holocene
Unnamed alkaline volcanic rocks

Efp
Eocene-Kamloops Group
Unnamed feldspar porphyritic intrusive rocks

Upper Triassic-Nicola Group

uTrNW - Western Volcanic Facies
undivided volcanic rocks

uTrNc - Central Volcanic Facies
undivided volcanic rocks

uTrNE
Eastern Volcanic Facies
basaltic volcanic rocks

uTrNva
andesitic volcanic rocks

Late Triassic to Early Jurassic

LTrJGB
GUICHON CREEK BATHOLITH

LTrJGG – Gump Lake Phase
granodioritic intrusive rocks

LTrJGBo – Border Phase
quartz dioritic intrusive rocks

6.0 PROPERTY GEOLOGY

6.1 Surface Geology

The following has been taken from Fulton 1975.

"Drumlinoid Morainal Deposits

This unit, defined simply as morainal deposits characterized by streamlined ridges and grooves, occurs mainly in the midlands but is locally well developed on slopes and flat or gently sloping upland areas. It is widespread but is particularly well developed at Tunkwa Lake in Guichon Valley, throughout Kamloops Midland, in and adjacent to Chapperon Valley, over Quilchena Midland, in Buse Midland, and over the northwestern part of Gardom Midland.

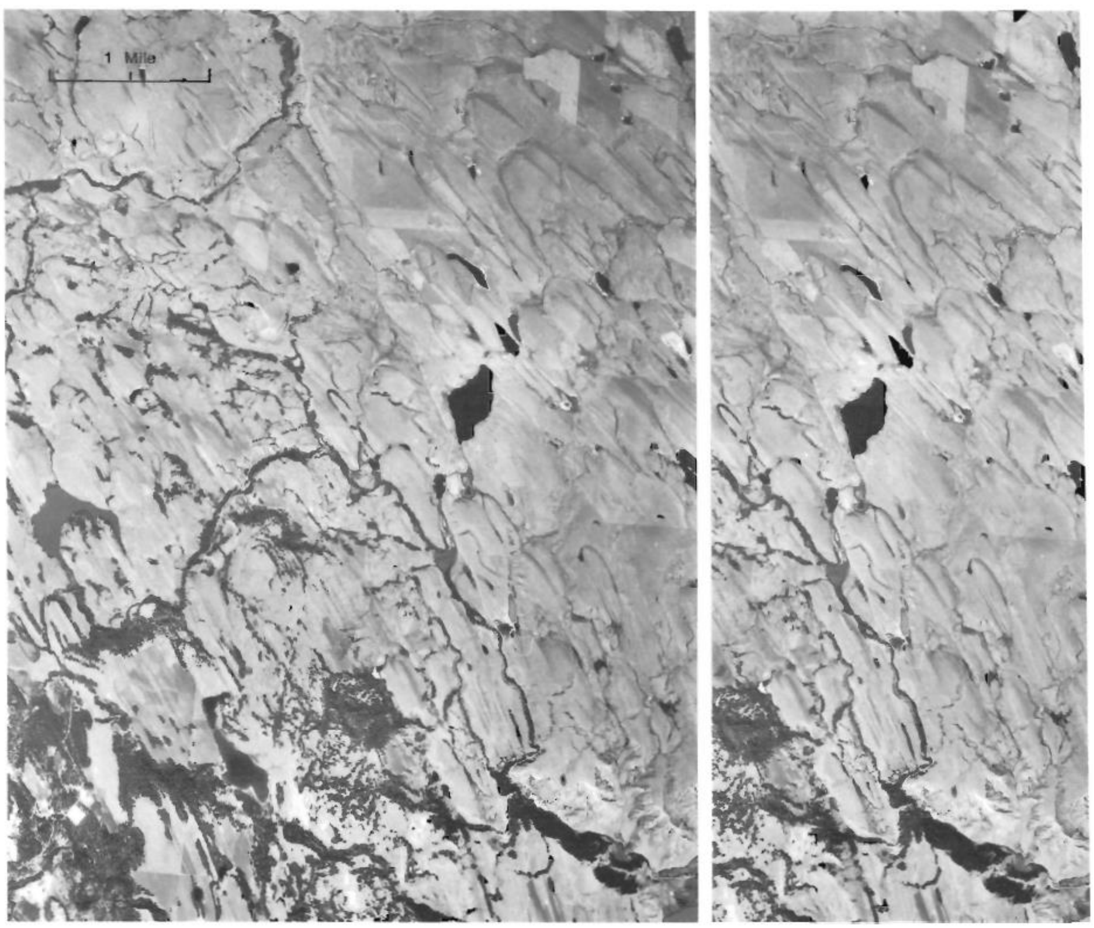


Figure 16. Stereo pair of a drumlinoid moraine area about 10 miles south of Kamloops. This region is included in the Kamloops Midland. The lake to the right of the picture centre is Separation Lake. The ice moved southeast or towards the lower right corner of the picture."

> Areas of drumlinoid moraine display streamlined ridges, varying from drumlins to crag-and-tail features, and associated elliptical and crescentic depressions. From the ground one sees discrete streamlined hills (Fulton, 1967, PI. VI) or a series of curved and sloping benches. As seen from the air, all the discrete features merge to give a strong lineated appearance (Fig. 16)*.
>
> Drumlinoid morainal deposits are the chief glacial features of the area; the formation mechanism of these drumlinoid features is not fully understood but their streamlined, moulded form and their linearity suggest formation by moving ice. Thick successions of older sediments in some features and predominance of till in others, indicate that both erosion and deposition are involved in their formation. Irregularities in the underlying topography may trigger the formation of these streamlined forms for in many areas rock knobs are present within this unit. Features not cored by rock may have been formed by differential erosion and deposition resulting from ice flow disruption caused by nearby rock knobs or by blocks or knobs of frozen sediments ...

The surface geology of the property consists of morainal deposits (M, Md) resulting from glaciation, with local exposures of bedrock (R), as mapped by Fulton (1975; see Fig. XX). "Lacustrine Complex" and "Modern Alluvium" were mapped immediately north of the property.

A distinctive surface fabric, oriented northwest-southeast, is evident on the property, interpreted to be the result of glacial action or, more specifically, druminloids (Fulton, 1975; Fig. XX). This fabric is evident on aerial photographs (see Fig. XX) and may, in part, reflect the "structures" interpreted to previous lineament analysis (i.e. Sookochoff 2015, 2003). With reference to Figure XX, several exposures of bedrock (R) are evident within, and immediately adjacent to, the Property, surrounded by younger glacial morainal sedimentary deposits. Tenure 1029696 appears to be dominated by bedrock exposures, whereas tenure 392163 is dominated by moraine deposits, predominantly as drumlinoids.

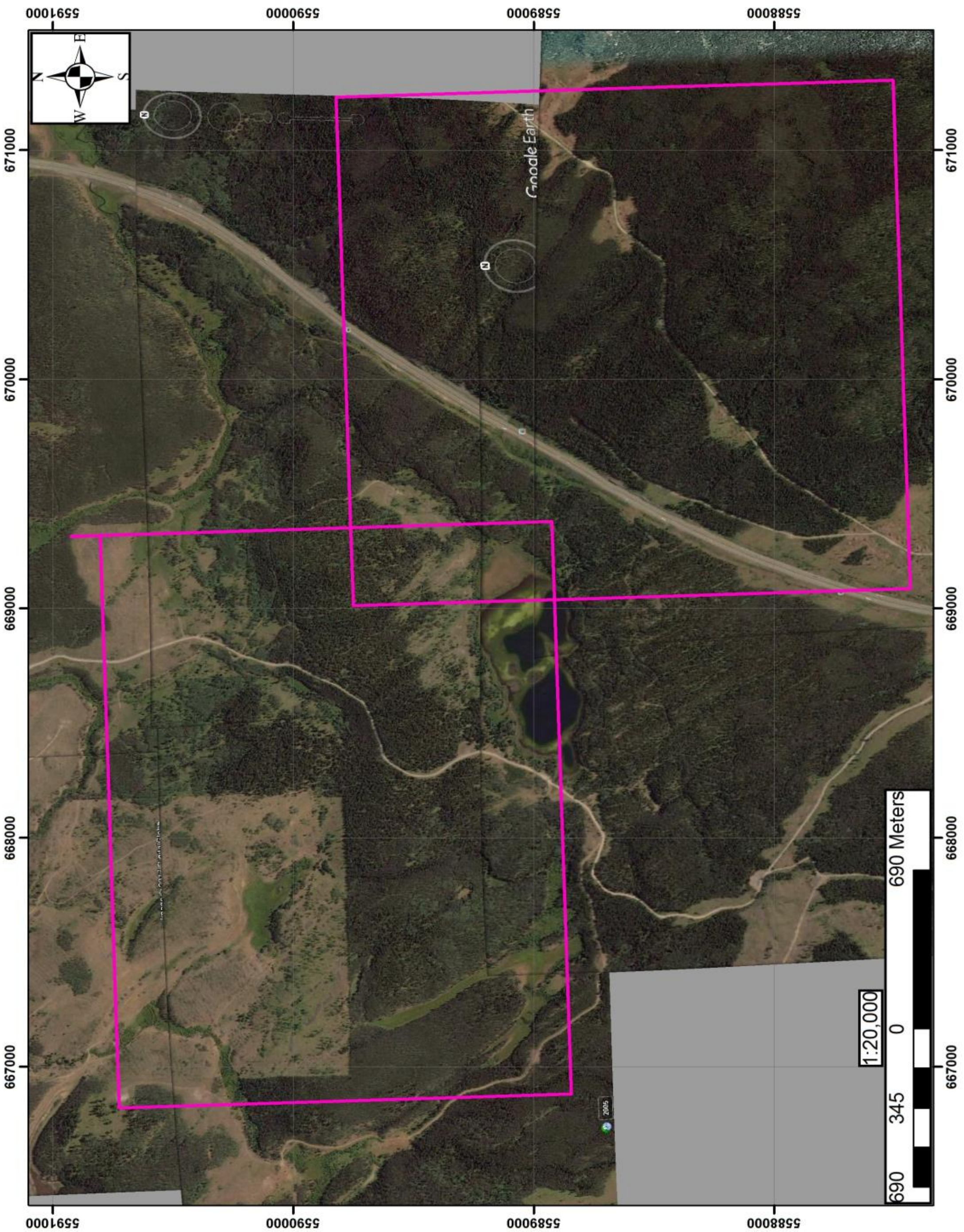


Figure 6– Prominent northwest-southeast fabric interpreted to reflect drumlinoids arising from glacial activity. Tenure boundaries shown for reference. Coquihalla Highway transects tenure 1029696 on right (east). (Photographic base georeferenced from close-up tiles obtained from Google Earth).

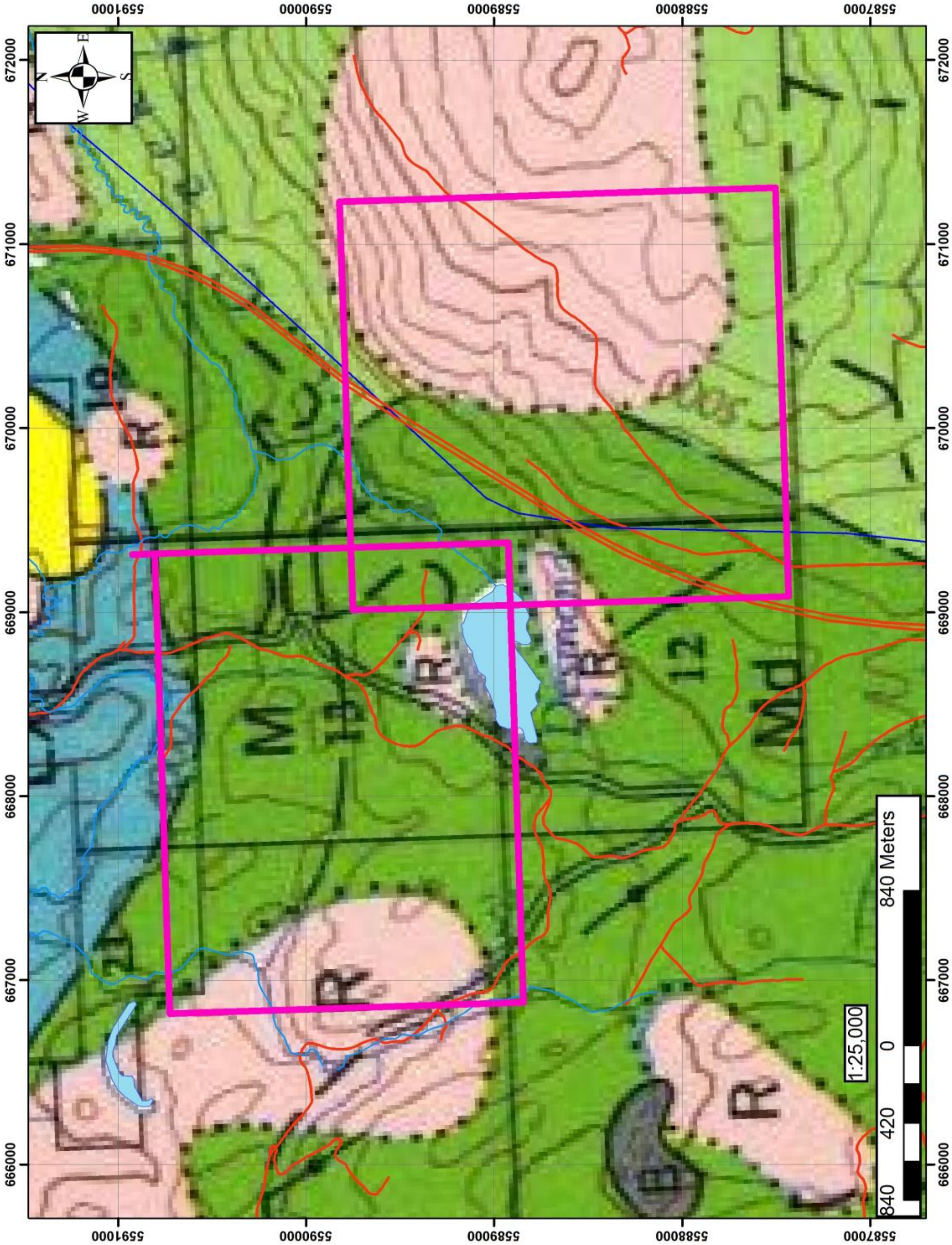


Figure 7 – Surficial Geology map for the area underlying and immediately surrounding the Balto tenures (Fulton 1975).

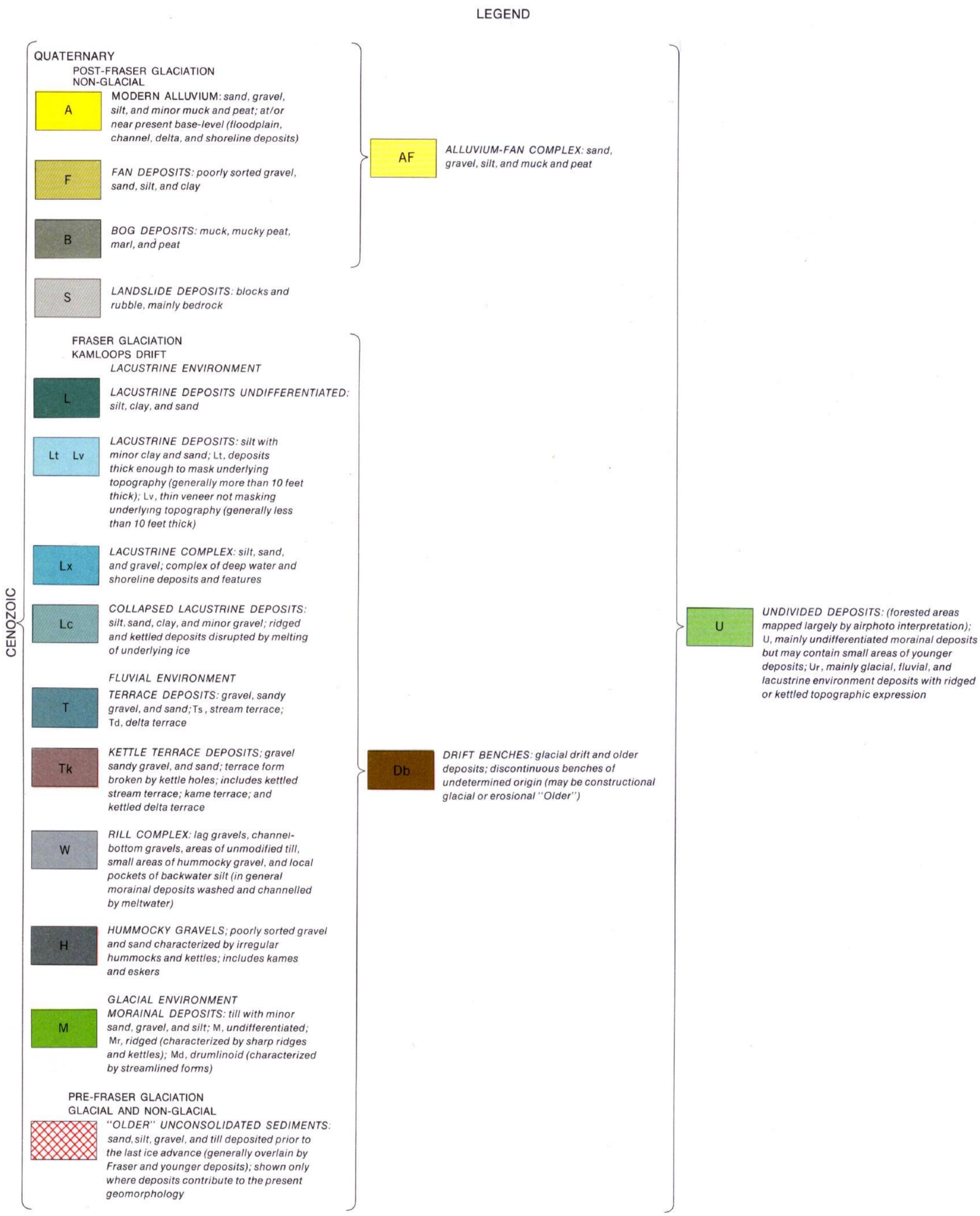


Figure 8 – Legend to accompany Figure 7 (Fulton 1975)

6.2 Bedrock Geology

"All outcrops examined belong to the Nicola Volcanics. Although monzonite intrusives were reported in the area, no such rock type was encountered. The volcanics include green to greenish grey andesites, black amygduloidal basalt flows and locally tuffs and volcanic breccia. In localities the rock is porphyritic. Fracturing is quite intense and widespread evidence of hydrothermal activity was noted. The most common alteration products are epidote, chlorite and hematite, and locally stockworks of quartz veinlets were observed. The most intense alterations were noted south of Desmond Lake, where original rock was almost completely decomposed into chloritized clay along strong north/northwest striking fracture system" (Cukor 1982).

"According to Minfile reports the Plug occurrence, within the Meadow Creek zone adjacent to (north of) the SED claim, is underlain by the Nicola Group volcanic rocks which are cut by small granitic plugs and sills. Sparse outcroppings of Nicola Group rocks along Meadow Creek consist of altered andesite, lapilli tuff, amygdoidal basalt and minor lenses of limy sediments which strike east to southeast and dip steeply to the north" (Sookochff 2006).

The Nicola Group on the Ashcroft map sheet, which includes the Balto Claim Group, has been sub-divided into the Eastern, Central and Western Belts on the basis of lithological and chemical differences (Preto 1979). In the immediate area of the property, the Eastern and Central Belts have been mapped, described as follows:

"**CENTRAL BELT:** The Central Belt assemblage … includes the oldest of the Nicola rocks … and is typified by an abundance of massive pyroxene and plagioclase-rich flows of andesitic and basaltic composition, coarse volcanic breccia, conglomerate, and lahar deposits and by lesser amounts of fine-grained pyroclastic and sedimentary rocks. Intrusive rocks mostly of gabbroic and dioritic composition, but including some syenite and monzonite, are abundant throughout the belt. The character and composition of these intrusives and lithologic changes in the surrounding intrusive rocks indicate that at least in some cases the stocks are the eroded remains of Upper Triassic volcanoes.

Both subaerial and submarine assemblages occur in the Central Belt. In general, most of the red and purple flows and associated red laharic breccias … are considered to be of subaerial origin, whereas greenish flows and breccias, with associated small lenses of calcareous sandstone and impure limestone … are considered to be of submarine origin

Most stocks in the Central Belt are elongated in a northerly direction and occur along the northerly trending faults. It is apparent that areas of stronger volcanic activity ... contain more faults and more intrusive rocks that areas of less intense volcanism. Although many of these faults are subsidiary to and part of the major regional systems, they are intimately associated with and dependent on the more localized volcanic history of the Nicola rocks.

…

EASTERN BELT: … The Eastern Belt can be described in terms of the northern and southern assemblage ... The northern assemblage consists of a well-bedded, westerly dipping succession of volcaniclastic rocks that range from thinly layered volcanic siltstone and sandstone in the lower parts of the section to coarse volcanic agglomerates and massive green laharic breccia in the upper part. This part of the Eastern Belt is characterized by a lack of intrusive rocks and mineral showings.

…

Rocks of the Central and Eastern Belts … are chemically similar and are in large part alkalic. … Field relationships and chemical data suggest that volcanic rocks of the Central and Eastern Belts were derived locally from several stocks of diorite, micro monzonite, and syenite, the distribution and elongation of which is strongly control by the northerly trending minor faults" (Preto 1979).

6.3 MINFILE Occurrences

MEADOW CREEK (PLUG) (MINFILE 092ISE155)

Showing (Volcanogenic), 500 m north

The area is underlain by volcanic rocks of the Upper Triassic Nicola Group which are cut by small granitic plugs and sills.

Sparse outcroppings of Nicola Group rocks along Meadow Creek consist of altered andesite, lapilli tuff, amygdaloidal basalt and minor lenses of limy sediments which strike east to southeast and dip steeply to the north. Alteration minerals include chlorite, epidote, carbonate and hematite. A quartz-mariposite-carbonate rock outcrops along Meadow Creek and is in contact with a chlorite-mica-feldspar(?) schist that strikes 020 degrees and dips 65 to 90 degrees to the east. The schist and mafic dioritic to hornblende andesite sills form a southeastward plunging asymmetrical syncline.

Locally, an alteration zone contains gold and silver mineralization and is exposed over a surface area of 32 metres long by 2 metres wide. The alteration zone consists of chlorite-mica (fuchsite) feldspar schist containing a quartz vein stockwork that is accompanied by pyrite, galena, sphalerite and chalcopyrite.

Two grab samples of quartz carbonate mariposite schist with galena and sphalerite yielded 605 and 482 parts per billion gold and 165.1 and 258.4 parts per million silver (Assessment Report 28815).

PLUG (MINFILE 092ISE196)

Showing (Volcanogenic), 50 m north

The area is underlain by volcanic rocks of the Upper Triassic Nicola Group that are cut by small granitic plugs and sills. Sparse outcroppings of Nicola Group rocks along Meadow Creek consist of altered andesite, lapilli tuff, amygdaloidal basalt and minor lenses of limy sediments that strike east to southeast and dip steeply to the north. Alteration minerals include chlorite, epidote, carbonate and hematite. A quartz-mariposite-carbonate rock outcrops along Meadow Creek and is in contact with a chlorite-mica-feldspar schist that strikes 20 degrees and dips 65 to 90 degrees to the east. The schist and mafic dioritic to hornblende andesite sills form a southeastward plunging asymmetrical syncline

The quartz-mariposite-carbonate rock contains minor amounts of silver-bearing galena, sphalerite and chalcopyrite. An outcrop of highly pyritic quartz feldspar porphyry contains minor amounts of chalcopyrite.

7.0 LOCAL GEOLOGY

> "The SED claim is entirely underlain by two subdivisions of the Nicola volcanic rocks, the boundary bisecting the property from the southeast to the northwest. In the northeast is unit UTN5 which is comprised of an augite porphyry, augite-plagioclase porphyry volcaniclastic breccia and tuff with interbedded argillite. In the southwest is unit UTN4 which is comprised of a pillowed basic flow.
>
> The SED claim is located at the intersection of two topographically indicated structures; the structures; the northeasterly trending structure of the Meadow Creek valley and the northwesterly trending Melba Creek valley structures" (Sookochff 2014).

The property is predominantly underlain by lithologies correlated to the Central Belt of the Nicola Group (Monger and MacMillan 1989), with the northern portion of tenure 392163 underlain by rocks of the Eastern Belt (Fig. 9). These strata are juxtaposed to the east, underlying tenure 1029696, against "Amphibolite, foliated diorite, mylonite and chlorite schist derived from Nicola Group (Monger and MacMillan 1989) by the north trending Clapperton Fault. These strata host small intruive bodies of interpreted Eocene granodiorite and/or quartz monzonite correlated to the Nicola Batholith.

"Central volcanic faces of Nicola Group; intermediate, plagioclase, augite plagioclase porphyry pyroclastics, local pillowed and plagioclase porphyry flows

Eastern volcanic facies of Nicola group; mafic, augite and hornblende porphyry bearing breccia and tuff, local intercalated argillite" (Monger and MacMillan 1989).

8.0 GEOPHYSICS

Airborne geophysical data available for the Property (Fif. 10; Geological Survey of Canada, 1967) show a magnetic high localized within tenure 1029696 and a low within tenure 392163, separated by the Clapperton Fault. The fault also juxtaposes Greenschist grade Nicole Group volcanics to the west against higher grade Amphibolite grade equivalents to the east. Therefore, the magnetic low corresponds to greenschist grade Nicola Group and Nicola Group at amphibolite grade with the magnetic low.

The difference between the magnetic high (3700 nT) and the low (2300 nT) is approximately 1400 nT.

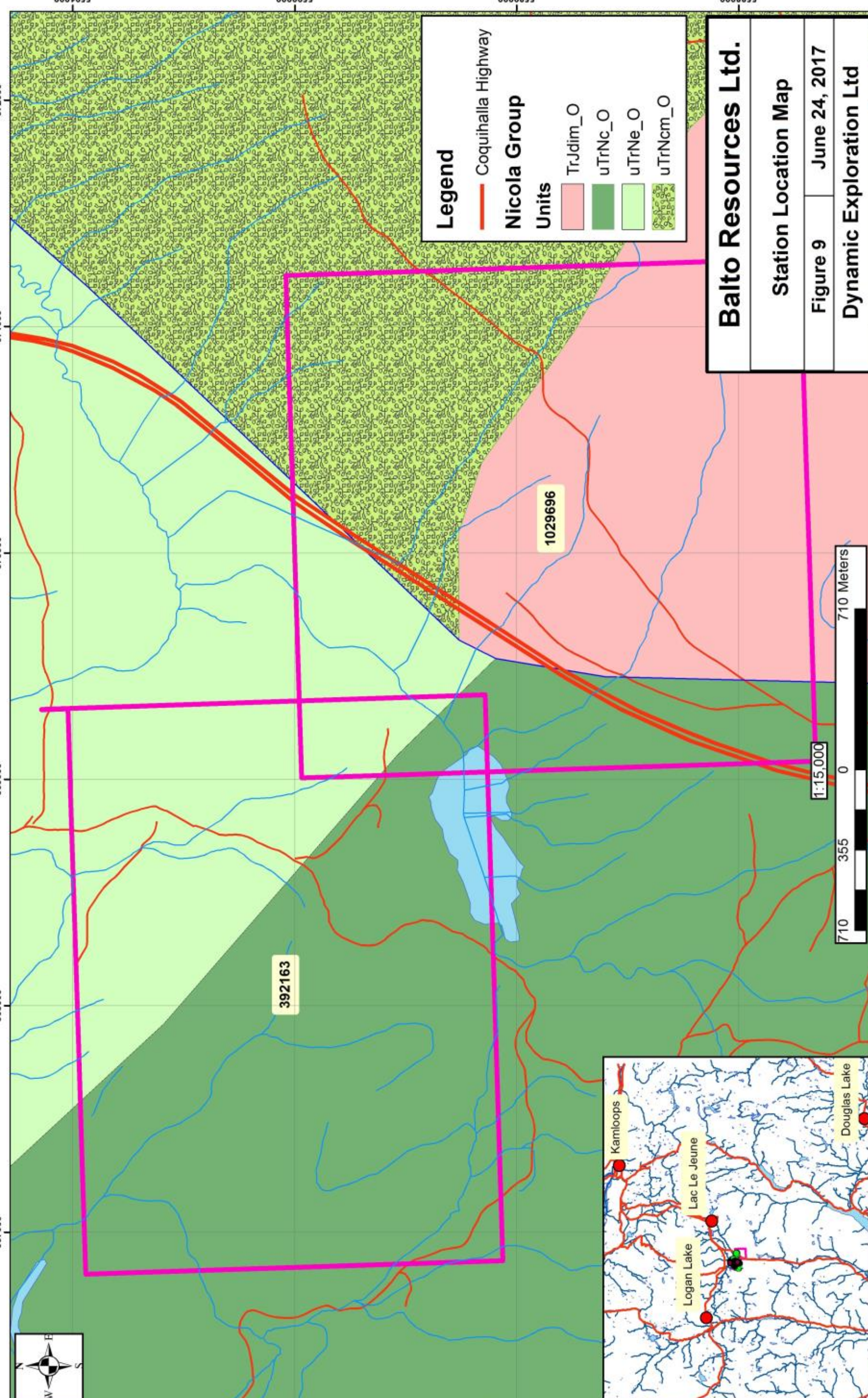


Figure 9 – Bedrock geology underlying the Balto Property. uTrNc_O – Central Volcanic Facies, uTrNe_O – Eastern Volcanic Facies, uTrNcm_O – Highly strained and metamorphosed Nicola equivalents in Nicola Horst, TrJdim_O – Biotite-Hornblende metadiorite of Nicola Horst. Amphibolite grade strata within the Nicola Horst are juxtaposed across the Clapperton Fault against greenschist grade equivalents to the west.

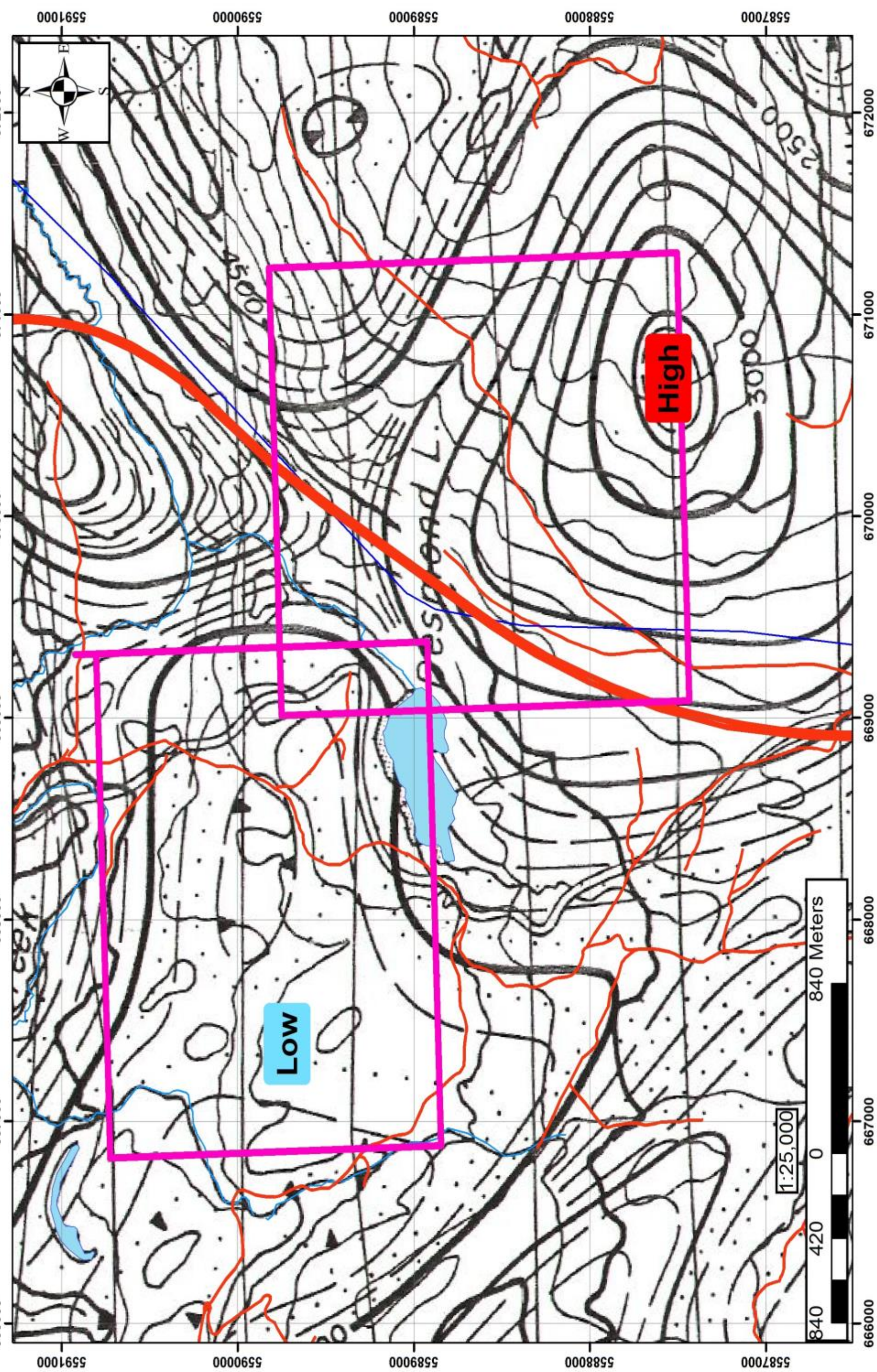


Figure 10 – Portion of Map 5212G covering the tenures comprising the Balto Property (Geological Survey of Canada, 1967).

9.0 2017 PROGRAM

Between June 1 and 23, 2017, the author completed: 1) a compilation of previous small VLF survey data (Fig. 11), 2) a small VLF-EM geophysical survey to fill in a gap between historical surveys and the Surrey Lake Forest Service Road (FSR) on tenure 392163 (Fig. 6) and an initial compilation of soil geochemical analyses partially overlapping the northern boundary of tenure 392163. VLF-EM data from approximately 1630 stations were compiled (Fig. 5, Sookochoff 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, Walker 2016), together with approximately 688 multi-element soil analyses (Crooker and Rockel 188a, b).

A total of 432 readings were taken as part of the 2017 VLF-EM survey, with station locations ascertained using a hand-held Garmin 76 hand-held GPS and Magellan Mobile Mapper GPS. Survey stations were established every 25 m on east-west survey lines spaced 50 m apart. Approximately 11.3 line kilometres of VLF-EM was surveyed.

The following has been taken from Sookochoff (2014).

9.1 Instrumentation

"The VLF-EM survey was carried out with a VLF-EM receiver, Model 27, manufactured by Sabre Electronics Ltd. of Burnaby, British Columbia. This instrument is designed to measure the electromagnetic component of the very low frequency field (VLF-EM), which for this survey is transmitted at 24.8 kHz from Seattle (Jim Creek), Washington.

9.2 Theory

In all electromagnetic prospecting, a transmitter induces an alternating magnetic field (called the primary field) by having a strong alternating current move through a coil of wire.

This primary field travels through any medium and if a conductive mass such as a sulphide body is present, the primary field induces a secondary alternating current in the conductor, and this current in turn induces a secondary magnetic field. The receiver picks up the primary field and, if a conductor is present, the secondary field distorts the primary field. The fields are expressed as a vector, which has two components, the "in-phase" (or real) component and the "out-of-phase" (or quadrature) component. For the VLF-EM receiver, the tilt angle in degrees of the distorted electromagnetic field with a conductor is measured from that which it would have been if the field was not distorted with a conductor.

Since the fields lose strength proportionally with the distance they travel, a distant conductor has less of an effect than a close conductor. Also, the lower the frequency of the primary field, the further the field can travel and therefore the greater the depth penetration.

The VLF-EM uses a frequency range from 13 to 30 kHz, whereas most EM instruments use frequencies ranging from a few hundred to a few thousand Hz. Because of its relatively high frequency, the VLF-EM can pick up bodies of a much lower conductivity and therefore is more susceptible to clay beds, electrolyte-filled fault or shear zones and porous horizons, graphite, carbonaceous sediments, lithological contacts as well as sulphide bodies of too low a conductivity for other EM methods to pick up.

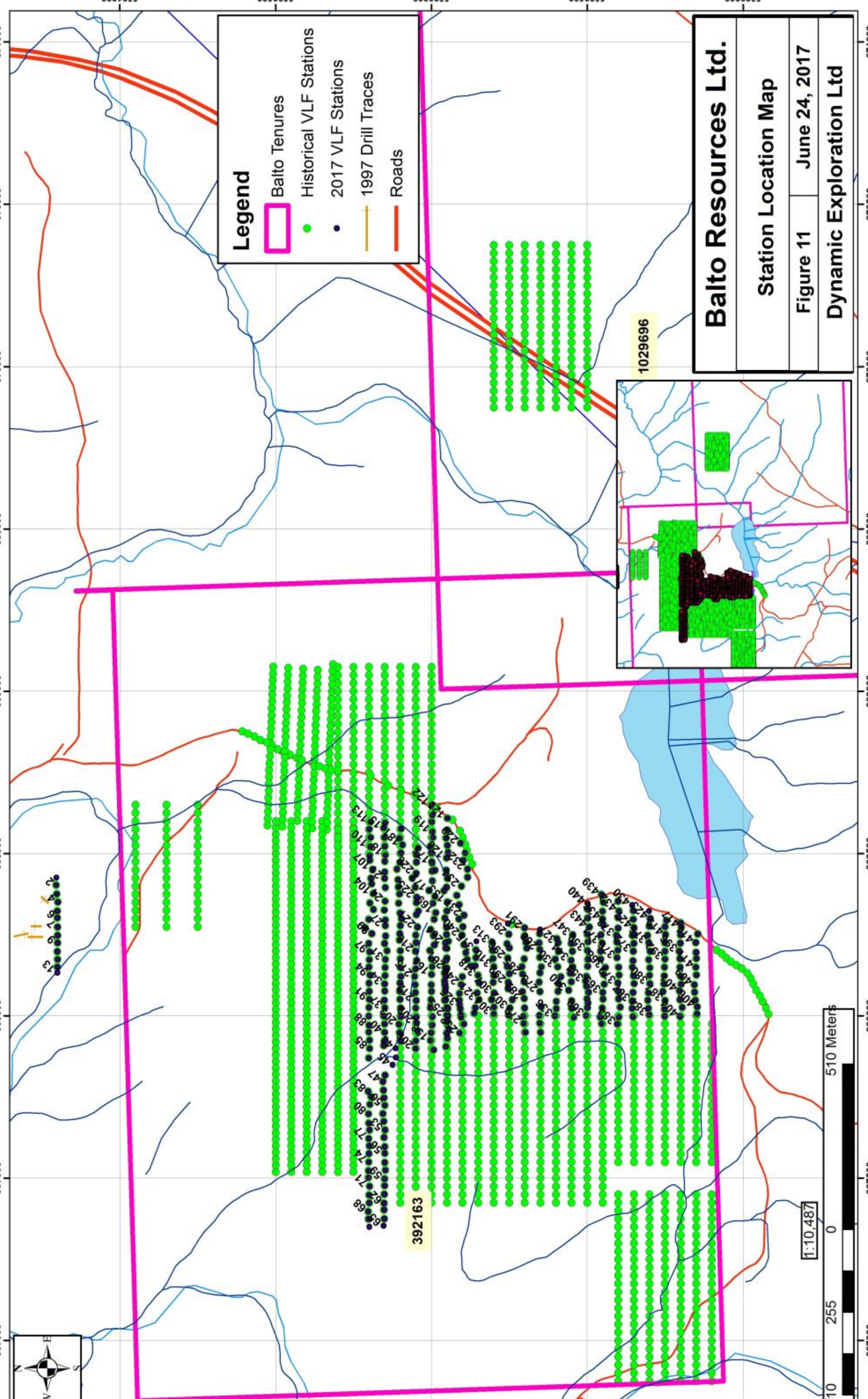
Consequently, the VLF-EM has additional uses in mapping structure and in picking up sulphide bodies of too low a conductivity for conventional EM methods and too small for induced polarization. (In places it can be used instead of IP). However, its susceptibility to lower conductive bodies result in a number of anomalies, many of them difficult to explain and thus, VLF-EM preferably should not be interpreted without a good geological knowledge of the property and/or other geophysical and geochemical surveys".

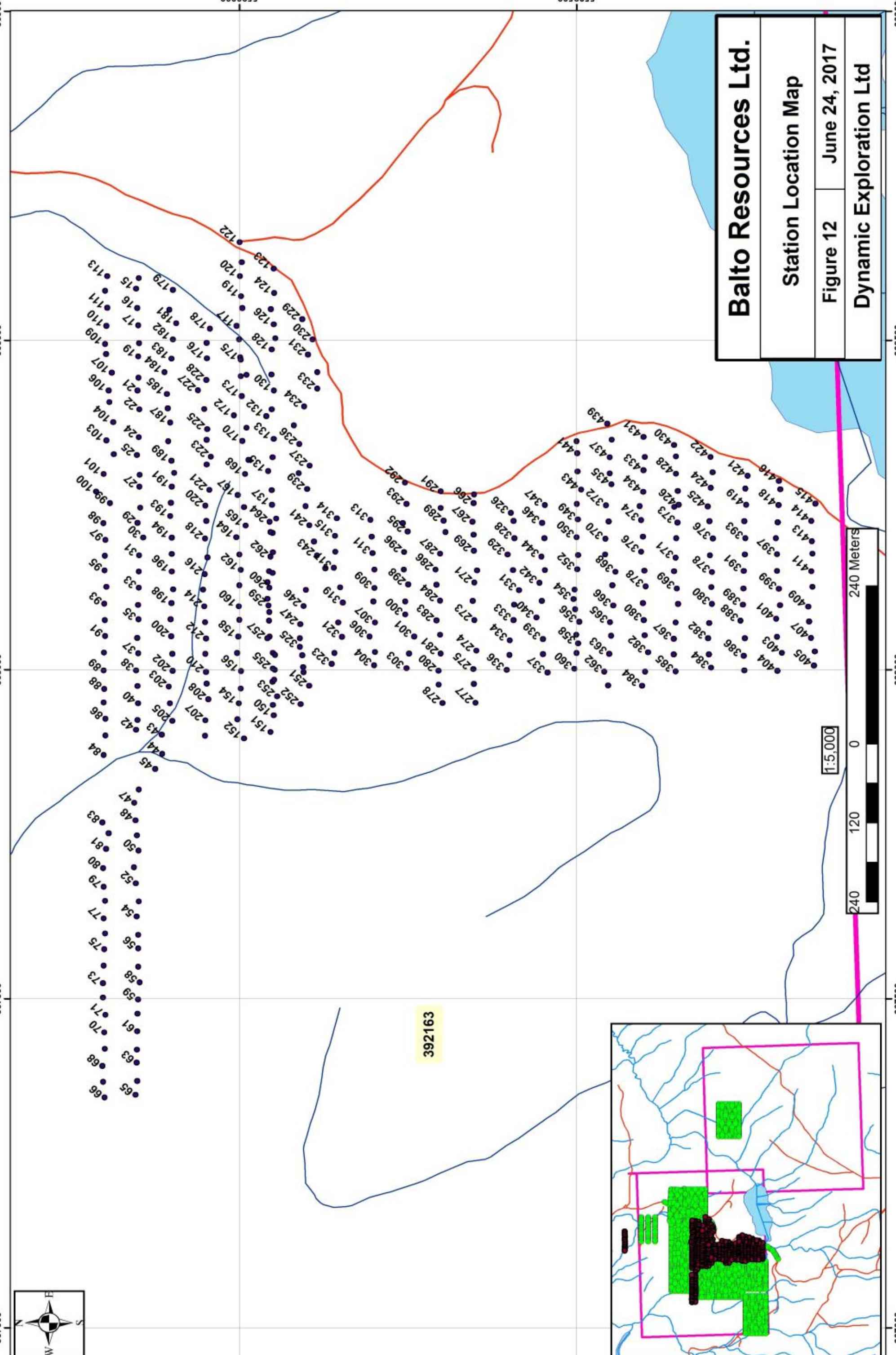
Figure 11 (Following Page) – Station location map for compilation of previous VLF-EM survey grids (Sookochoff 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005) and 2016 road survey (Walker 2016).

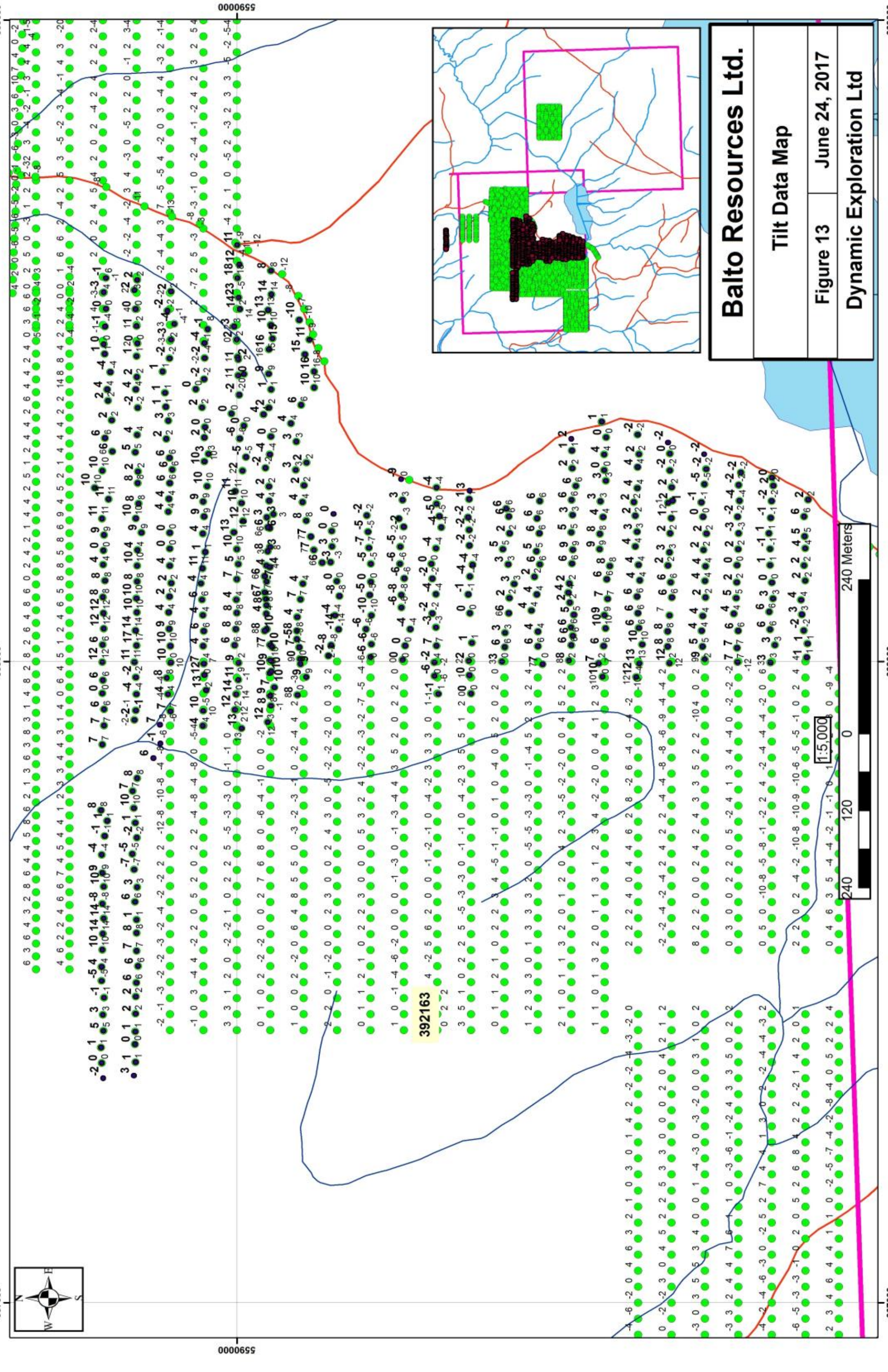
Figure 12 (Following Figure 5) – Station locations for 2017 VLF-EM survey.

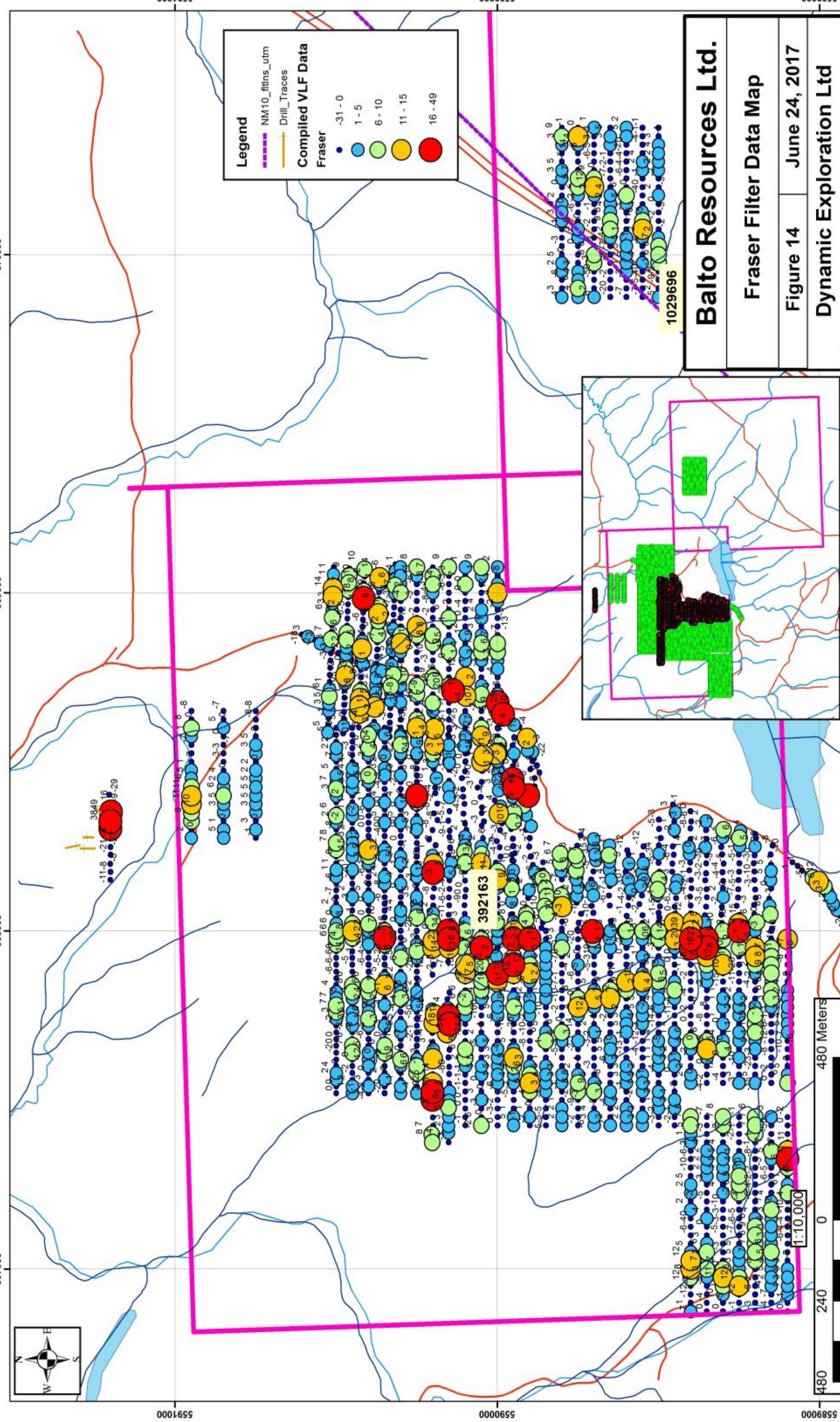
Fugure 13 (Following Figure 6) – Measured Tilt data for compiled VLF-EM surveys.

Figure 14 (Following Figure 7) – Calculated Fraser Filter Values for compiled VLF-EM data.


Legend
Balto Tenures
Historical VLF Stations
2017 VLF Stations
1997 Drill Traces
Roads
Balto Resources Ltd.
Station Location Map
Figure 11
June 24, 2017
Dynamic Exploration Ltd
1029696
392163
1:10,487
510 Meters


Balto Resources Ltd.
Station Location Map
Figure 12
June 24, 2017
Dynamic Exploration Ltd
1:5,000
240 Meters
392163


Balto Resources Ltd.
Tilt Data Map
Figure 13
June 24, 2017
Dynamic Exploration Ltd
1:5,000
240 Meters
392163


Legend
NM10_ftlns_utm
Drill_Traces
Compiled VLF Data
Fraser
-31 - 0
1 - 5
6 - 10
11 - 15
16 - 49
Balto Resources Ltd.
Fraser Filter Data Map
Figure 14
June 24, 2017
Dynamic Exploration Ltd
1029696
392163
1:10,000
480 Meters
480
240
0
667000
668000
669000
670000
5589000
5590000
5591000

9.3 Survey Procedure

A total of 432 readings were taken as part of the 2017 VLF-EM survey, with station locations ascertained using a hand-held Garmin 76 hand-held GPS and Magellan Mobile Mapper GPS. Survey stations were established every 25 m on east-west survey lines spaced 50 m apart. Approximately 11.3 line kilometres of VLF-EM was surveyed. Station locations are indicated in Figure 6.

The field readings from the VLF-EM survey, compiled with historical data, are included in Appendix II.

9.4 Processing Data

The field data was filtered using the methodology of Fraser (1969). Results are presented in two maps: VLF-EM Raw Data (Fig. 13) and Fraser Filtered Raw Data (Fig. 14). Based on the profiles (Appendix III) for the lines, no levelling of the data was deemed necessary.

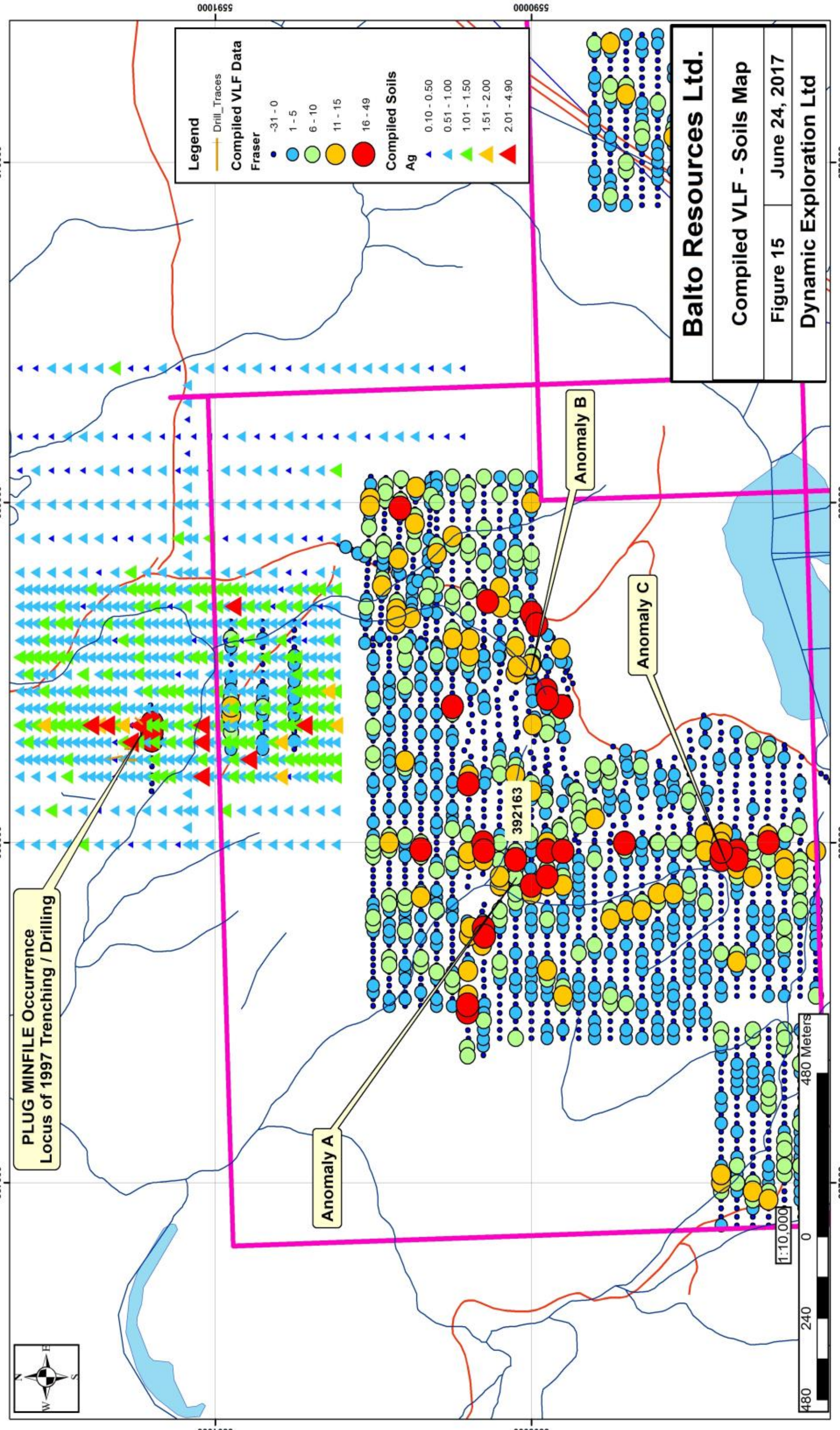
10.0 INTERPRETATION AND DISCUSSION

The compilation of VLF-EM results (Fig. 14) documents a number of apparent anomalies. Calculation of Fraser Filter values from VLF-EM data is a band pass method, producing a First Derivative style map. The resulting map transitions inflection points into “highs”, possibly representing contacts, faults, veins, etc. Therefore, highs (lows are ignored) represent areas of possible interest for further evaluation.

The resulting map for the Balto Property does not delineate long, unambiguous linears, instead documenting discrete localized areas and short linears. These are tentatively interpreted as sub-surface conductors potentially truncated and offset across faults in a faulted domain adjacent to a major fault.

A significant fault, the Clapperton Fault, effectively separates tenure 392163, hosting Nicola Group lithologies, to the west from tenure 1029696, characterized by amphibolite grade Nicola Group equivalent lithologies to the east. The difference in metamorphic grade on either side of the fault is interpreted to suggest a dip-slip offset of at least 3 km. Furthermore, lithologies east of the Clapperton Fault are highly strained, whereas those to the west are not. These two observations are interpreted to indicate markedly different geological environments exposed at surface on either side of the fault.

Figure 15 – Map of combined VLF-EM and soil compilation results. Fraser Filter results plotted (see Fig. 14), together with classed silver (Ag) results.


Legend
Drill_Traces
Compiled VLF Data
Fraser
-31 - 0
1 - 5
6 - 10
11 - 15
16 - 49
Compiled Soils
Ag
0.10 - 0.50
0.51 - 1.00
1.01 - 1.50
1.51 - 2.00
2.01 - 4.90
Balto Resources Ltd.
Compiled VLF - Soils Map
Figure 15
June 24, 2017
Dynamic Exploration Ltd
Anomaly A
Anomaly B
Anomaly C
392163
PLUG MINFILE Occurrence
Locus of 1997 Trenching / Drilling
1:10,000
480 Meters
0
240
480
670000
669000
668000
667000
5591000
5590000

With reference to Figure 15, there are short linears oriented northwest-southeast (i.e. northwest of Anomaly C), while others are, arguably, oriented northeast-southwest (i.e. northeast of Anomaly B). Of potentially more interest are the localized areas returning high Fraser Filter values, specifically Anomalies A through C. Previous work (Crocker 1997) identified moderately to strongly anomalous gold and silver at the Plug MINFILE occurrence, immediately north of the Property.

Work on the Plug MINFILE occurrence to 1997 was summarized as follows:

> "Between 1986 and 1988, Western Resources Technologies completed programs of geological mapping, prospecting, soil geochemical sampling and geophysical (VLF-EM and magnetometer) surveys. A grab sample of carbonate altered rock from the west-central zone along Meadow Creek assayed 7.5 grams per tonne gold and 67.5 grams per tonne silver (Assessment Report 18048). In 1992, G.F. Crooker completed a program of magnetometer and VLF-EM surveys on the JB claims.
>
> In 1995, Goldcliff Resource acquired the property as the S 1 to 48 claims … completed programs of prospecting, geochemical sampling, geophysical surveys, trenching and drilling. In 1995, five rock samples returned gold values ranging from 0.060 to 2.620 grams per tonne and silver values ranging from 1.8 to 114.5 grams per tonne (Assessment Report 24862). In 1997, trench-02 gave an average of 4.35 grams per tonne gold and 52.2 grams per tonne silver over a strike length of 11.98 metres and a width of 1.33 metres; including 20.78 grams per tonne gold and 113.0 grams per tonne silver over a width of 0.56 metre. The same year, percussion drilling (PDH-02) tested trench-02 and returned an average of 1.30 grams per tonne gold and 17.2 grams per tonne silver over a length of 9.91 metres (Assessment Report 25405). Commerce Resource Corporation reports a best mineralized drill intersection of 3.5 metres containing 2.83 grams per tonne gold and 37.7 grams per tonne silver (Press Release June 14, 2002)".

More specifically, trenching and reverse circulation drilling in 1997 included the following results:

1. A one to two metre wide, east-west striking, moderately south dipping shear zone exposed for 10 metres exposed in Trench 03 returned gold values ranging from 1.005 grams/tonne across 100 centimetres to 4.560 grams/tonne across 200 centimetres, and silver values ranging from 36.8 grams/tonne across 100 centimetres to 113 grams/tonne across 200 centimetres.

2. Carbonate-quartz-mariposite (C-Q-M) alteration adjacent to the shear zone returned moderately to strongly anomalous gold (0.20 grams/tonne across 100 centimetres to 20.76 grams/tonne across 65 centimetres) and silver values (6.2 grams/tonne across 50 centimetres to 64.8 grams/tonne across 150 centimetres).

3. Drilling revealed a significant vertical extent to the C-Q-M alteration.

4. Drilling adjacent to trench 02 intersected C-Q-M alteration with strongly anomalous gold and silver values. Between 10 to 40 feet, gold ranged from 0.700 to 2.850 grams/tonne, including 2.600 grams/tonne from 30 to 40 feet, and silver ranged from 4.8 to 40.2 grams/tonne, including 37.5 grams/tonne from 30 to 40 feet.

5. Drilling was interpreted to document a moderately south dipping zone of gold and silver mineralization. The extent of the zone is unknown at this time.

Similarly, at the Meadow Showing, geological mapping of trench 03 revealed a 30-metre strike length of chlorite-mica-mariposite schist up to two metres wide containing quartz veinlets. Gold (50 to 250 ppb) and silver (3.0 to 69.0) were weakly anomalous in most samples across widths varying from 60 to 150 centimetres. Gold (4.420 to 6.140 grams/tonne) and silver (161 to 1715 grams/tonne) values were strongly anomalous in three samples of galena and sphalerite-bearing quartz vein across 35 centimetres.

Three clusters of highly elevated Fraser Filter values have been identified, designated A through C (Fig. 15). As such, these areas indicate inflection points in the original compiled VLF-EM data and, by analogy with the Plug MINFILE occurrence, are interpreted as areas of interest for future work.

Anomaly A can be interpreted as the possible locus of north-south and northwest – southeast linears. As stated by (Sookochoff 2015), the practical significance of such linears with respect to mineralization, particularly if they represent intersecting cross-structures, is as follows:

“The Highland Valley mineral zone was established from the cross-structures of the major northerly trending Lornex Fault and the east trending Highland Valley Fault within the Bethsaida phase of the Guichon Batholith. Strike-slip movement along the northerly trending Lornex Fault ... (produced) two deposits; the Lornex and the Highland Valley, with the latter deposit developed to a current production of 130,000 tonnes per day”.

Therefore, possible cross-structures, together with the accompanying structurally damaged zone (characterized by increased porosity and permeability) may represent zones of mineralization.

Anomaly B is located approximately 600 m due east of Anomaly A and is tentatively interpreted to represent secondary, en echelon faults sub-parallel to the Clapperton Fault just evident in the lower right corner of Figure 15 (spatially associated with the Coquihalla Highway). There is a diffuse cloud of moderate to high Fraser Filter values extending generally northeast from Anomaly B to the northeastern edge of the compiled survey data.

Anomaly C is present approximately 800 m south of Anomaly A and, again, may represent the intersection of cross-structures, north-south and northwest – southeast linears. Furthermore, anomalies

A and C may be localized along the same north-south linear. This is an intriguing possibility as the compiled soil data documents a weak north-south trend, extending south from the Plug MINFILE occurrence, which may extend to a weaker Fraser Filter anomaly immediately east of Anomaly A.

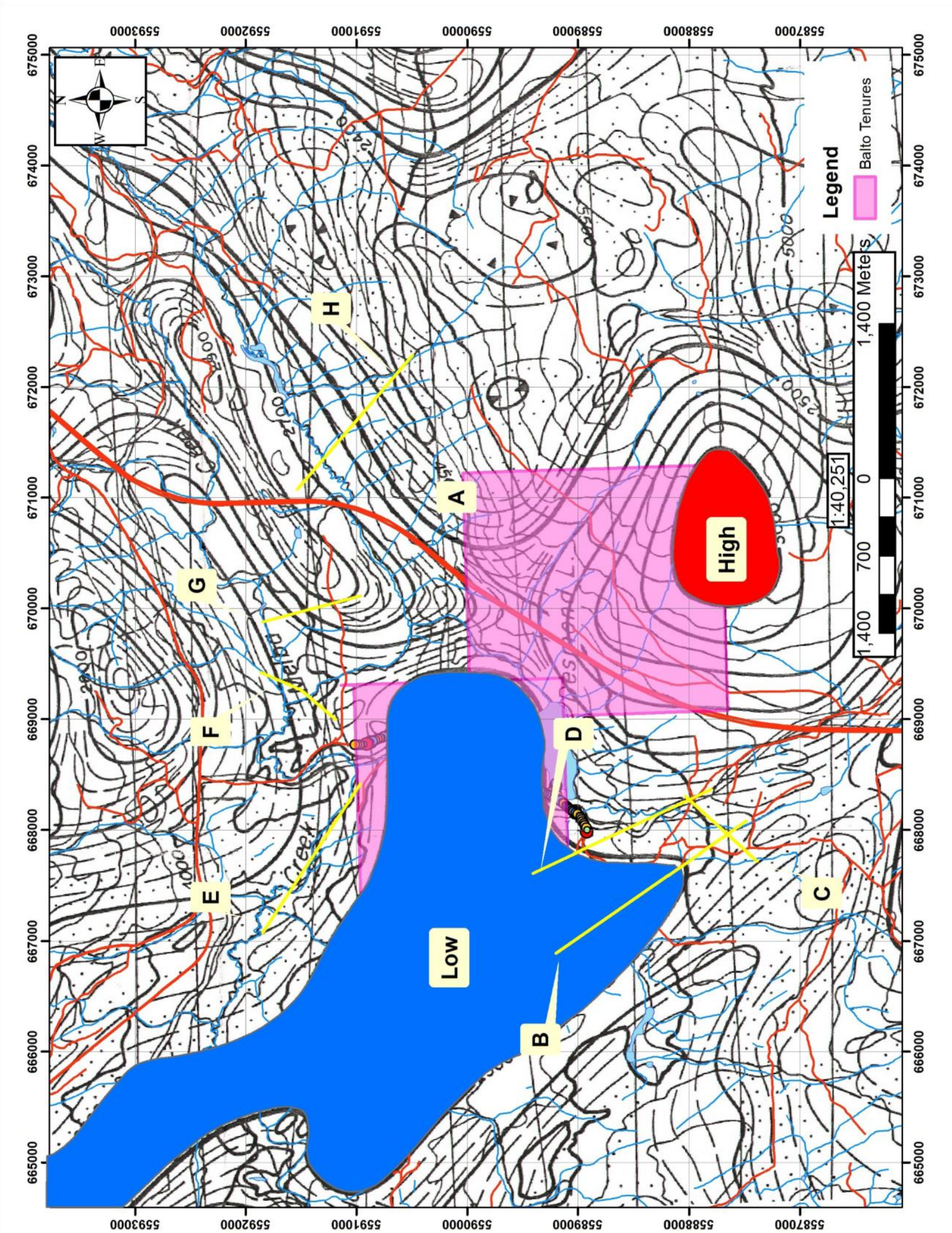
Previous work emphasized the presence of a prominent aeromagnetic low (Geological Survey of Canada 1967) extending east-northeast from the current SED Mineral Claims (Fig. 16).

> "The former NADA Property, immediately north of, and partially overlapping, the SED Mineral Claim, was acquired to "... cover a large airborne magnetic low area" (Cukor 1982), showing a "... strong northwest/southeast lineament, which roughly coincides in trend and position with the outline of geochemical soil anomalies" (Cukor 1983).
>
> "The broad airborne magnetic low could be easily interpreted as being caused by a small granitic intrusion underlaying (sic.) the Nicola Volcanics rather close to the surface. The existence of a small Monzonite plug immediately south of the property as well as evidence of widespread and intense hydrothermal activity further substantiate this theory. Since the small intrusive bodies elsewhere in the Nicola Belt were found to be associated with important copper molybdenum mineralization the property is more than a fair exploration target" (Cukor 1982).

The following was taken from Lammle (1972):

> "An intriguing aspect of the Des Group is its proximity to the intersection of five regional aeromagnetic lineaments which are known to be authentic regional geological features, and which are thought to have originated at the time of emplacement of Guichon Creek Batholith.
>
> The Valley and South Bethsaida Lineaments (NZ and SZ lineaments, respectively) form north and south boundaries of the Bethsaida Quartz Monzonite and, of course, the former lineament is economically important. Greenstone Lineament links two monzodioritic stocks, both with some associated copper mineralization, and Tunkwa lineament (or fractures sympathetic with it) contain copper mineralization at Homfray Lakes. The soil copper analyses indicate that this lineament is cupriferous on Des Claims as well. Another lineament between Tunkwa and Greenstone lineaments (marked T on Map 5212 G) is subparallel with the eastern contact of Guichon Creek Batholith and can be projected north-northwesterly through the Tunkwa Lake mercury showing."

Figure 16 (Following Page) – Geological Survey of Canada airborne geophysical map (5212G – Mamit Lake) with local high (red) and low (blue) highlighted.


Legend
Balto Tenures
High
Low
A
B
C
D
E
F
G
H
1:40,251
1,400
700
0
1,400 Meters
N
S
E
W
5593000
5592000
5591000
5590000
5589000
5588000
5587000
665000
666000
667000
668000
669000
670000
671000
672000
673000
674000
675000

The portion of the aeromagnetic map covering the Balto Claim Group has been plotted (Fig. 16), with the corresponding local low (blue - described above) and high (red) areas underlying tenures 392163 and 1039696 highlighted, respectively. The presence of the prominent, NE-SW oriented magnetic low attracted early attention in the area, particularly with respect to the association with known MINFILE occurrences (i.e. PLUG and MEADOW CREEK – see "Property Geology"). Subsequent, although limited, magnetic surveys failed to confirm the original anomaly, however, being relatively small surveys they **may** have been located within the anomaly itself.

Geochemical results from soil and rock sampling have reportedly returned anomalous results insilver, gold and copper, interpreted to suggest potential for identification of mineralization in addition to the local MINFILE occurrences. The presence of the Clapperton Fault, interpreted to have significant dip-slip movement, may have facilitated the transfer of hot, metamorphic fluids from amphibolite grade temperatures and pressures to have moved to, and precipitated at, higher crustal levels in the greenschist grade strata east of the Clapperton Fault. In addition, and dependent upon the timing of fault movement, proximity to the Eocene Diorite immediately west of the property, as well as the Jurassic metadiorite east of the Clapperton Fault are interpreted to suggest potential mineralization due to the movement of hydrothermal fluids within the convection cells associated with these intrusives.

In a private report on the local geology of the former DES Claim (immediately south of the current SED Mineral Claim), Sookochoff (1976) stated the property was "... underlain by a variety of Nicola volcanic rock types from moderately to intensely metamorphosed with occasional recrystallization. Rock types consisted of black amygdaloidal basalt, ... grey green fine-grained andesites trending northerly ... and steeply dipping. The volcanics, chloritized to various degrees generally contain either calcite stringers or splashes of calcite on fractures and are locally epidotized". (MacQuarrie 1981). Therefore, despite limited outcrop described for the area, there is evidence of alteration (chlorite, epidote and calcite) in association with anomalous surface geochemistry.

> Similarly, "... volcanics include green to greenish grey andesites, black amygduloidal (sic.) basalt flows, and locally tuffs and volcanic breccia. In localities the rock is porphyritic. Fracturing is quite intense and widespread evidence of hydrothermal activity was noted. The most common alteration products are epidote, chlorite and hematite, and locally stockworks of quartz veinlets were observed. The most intense alterations were noted south of Desmond Lake on the (former) Nada 4 claims, where original rock was almost completely decomposed into chloritized clay, along strong, north/northwest striking fracture system" (Cukor 1983).

Finally, identification of carbonate-quartz-mariposite alteration near surface (in trenching) and extending to depth (from drilling) further documents alteration within Nicola Group strata west of the Clapperton Fault. This alteration is also spatially associated with shearing and, if it results from fluid movement within, and immediately adjacent to the shear zone, then the Clapperton Fault and/or the highly sheared strata within the Nicola Horst east of the fault, may represent an environment having strong potential for identification of mineralization.

11.0 CONCLUSIONS

Compilation of both VLF-EM and partial soil results from previous programs on the SED Mineral Claim facilitated interpretation of these results with respect to both the mapped geology (Monger and McMillan 2010) and the aeromagnetic map for the area (Geological Survey of Canada 1967). The area within, and surrounding the Balto Claim Group, has evidence of mineralization in the form of documented MINFILE occurrences and surface soil and rock geochemical results. Mapping of sparse outcrops to the immediate north is "... underlain by a variety of Nicola volcanic rock types from moderately to intensely metamorphosed with occasional recrystallization. Rock types consisted of black amygdaloidal basalt, ... grey green fine-grained andesites trending northerly ... and steeply dipping. The volcanics, chloritized to various degrees generally contain either calcite stringers or splashes of calcite on fractures and are locally epidotized" (MacQuarrie 1981).

> Similarly, to the immediate south, "... volcanics include green to greenish grey andesites, black amygdaloidal basalt flows, and locally tuffs and volcanic breccia. In localities the rock is porphyritic. Fracturing is quite intense and widespread evidence of hydrothermal activity was noted. The most common alteration products are epidote, chlorite and hematite, and locally stockworks of quartz veinlets were observed. The most intense alterations were noted south of Desmond Lake ..., where original rock was almost completely decomposed into chloritized clay, along strong, north/northwest striking fracture system" (Cukor 1983).
>
> "The adjoining property includes the Plug mineral zone underlain by altered lapilli tuff, minor lenses of limey sediments and chlorite schist, with the Meadow Creek mineral zone underlain by chlorite-mica-feldspar schist and a highly pyritic quartz-feldspar porphyry. Historic exploration on the Plug (Minfile 092ISE196) showing included grab samples from a weak to moderate zone of carbonate-quartz-mariposite alteration over several hundred metres which yielded up to 7,500 ppb gold (0.282 oz/ton). Historic exploration on the Meadow Creek (Minfile 092ISE155) outlined a number of weak to moderate gold geochemical anomalies with values of up to 700 ppb gold (Sookochoff 2015).

Compilation of the results of 11 years of small VLF-EM surveys, preferentially undertaken on the SED Mineral Claim has facilitated identification of localized areas and delineated a number of relatively short linears, interpreted to be possible sub-surface conductors. One such cluster of Fraser Filtered VLF-EM results is spatially associated with anomalous silver – gold ± copper at the Plug MINFILE occurrence, as documented in surface soils, trenching and reverse circulation drilling. Further, carbonate-quartz-mariposite alteration has been identified at surface, extending to depth, spatially associated with shearing.

Furthermore, the presence of an Eocene Granodioritic intrusion immediately to the east, the Nicola Batholith, is expected to have acted as a local heat source driving hydrothermal activity. A previous operator interpreted the aeromagnetic low "... as being caused by a small granitic intrusion underlaying (sic.) the Nicola Volcanics rather close to the surface. The existence of a small monzonite plug immediately south of the property as well as evidence of widespread and intense hydrothermal activity further substantiate this theory. Since the small intrusive bodies elsewhere in the Nicola Belt were found to be associated with important copper molybdenum mineralization the property is more than a fair exploration target" (Cukor 1982).

Given the rich metal (copper-molydenum) endowment in the Highland Valley and, more specifically, associated with intrusions (i.e. the Guichon Batholith), the presence of MINFILE occurrences in the immediate area, together with anomalous copper ± gold mineralization surface geochemical results and VLF-EM conductors, are interpreted to suggest further work on the Balto Claim Group is warranted.

12.0 RECOMMENDATIONS

1. Further compilation of analytical results for soils is strongly recommended. Although these data are located predominantly north of the Balto Property, they overlap the northern boundary and provide valuable information with respect the immediate area. Trends identified from these data may extend onto the Balto Property and provide potential exploration targets for further evaluation. Furthermore, they are expected to provide valuable information with respect to inter-element relationships, as well as potential to identify blind (i.e. near surface, but not exposed at surface) mineral occurrences and/or intrusives.

2. Continue acquisition of VLF-EM data, with an emphasis on the area east of the Surrey Lake Forest Service Road and/or tenure 1029696 (i.e. east of Clapperton Fault).

3. Continue compilation of information from Assessment Reports available for historical programs (i.e trench and drill information for the Plug MINFILE occurrence).

4. Further evaluate compiled soil and VLF-EM data with regional (i.e. Thomas 2010, Geological Survey of Canada 1976) and local (Walcott 2017) geophysical data. Additional surveying, either airborne and/or ground, may be warranted using Conductivity (i.e. for conductive precious metal-enriched base metal veins) and/or magnetics (i.e. for blind intrusives as potential hosts for porphyry-style mineralization (low probability) and/or causative sources for metal-rich fluids (highly likely)).

5. Undertake further evaluation of tenure 1029696 as it represents a different geological environment (higher pressures and temperatures, amphibolite grade, highly sheared, proximal to Jurassic metadiorite, etc) than the SED tenure (tenure 392163).

13.0 REFERENCES

Crooker, G.F. 1997. Geological, Trenching and Reverse Circulation Drilling Report, Assessment Report for Goldcliff Resource Corporation, dated December, 1997, Assessment Report # 25,405

-----------------. **1992.** Geophysical Report on the JB 1 to 12 Claims, Assessment Report for Western Resource Technologies Inc., dated May, 1992. Assessment Report # 22,346.

----------------- **and Rockel, E.R. 1988a.** — Geological, Geochemical and Geophysical Report on the WRT 1 to 6 and 9 to 15 Claims, Assessment Report for Western Resource Technologies Inc., dated November, 1988. Assessment Report # 18,048.

--------------------------------------. **1988b.** Geological, Geochemical and Geophysical Report on the WRT 1 to 15 Claims, Assessment Report for Western Resource Technologies Inc., dated March, 1988. Assessment Report # 17,337.

-------------------------------------. **1986.** Geochemical and Geophysical Report on the WRT 1 to 15 Claims, Assessment Report for Western Resource Technologies Inc., dated June, 1986. Assessment Report # 14,959.

Cukor, V. 1982. Report on Geochemical, Geophysical and Geological Reconnaissance, Assessment Report for Visa Resources Ltd., dated May, 1982. Assessment Report # 10,551.

-----------. **1983.** Report on Ground Magnetic Survey, Assessment Report for Visa Resources Ltd., dated June, 1983. Assessment Report # 11,296.

Fraser, D.C. 1969. Contouring of VLF EM Data, GEOPHYSICS, vol. 34, Number 66, pp. 958-967.

Fulton, R.J. 1975. Quaternary Geology and Geomorphology, Nicola-Vernon Area, British Columbia (82 L W 1/2 and 92 I E 1/2), Geological Survey of Canada Memoir 380, 64 p.

Geological Survey of Canada. 1967. Aeromagnetic Map, Map 5212G, Mamit Lake, British Columbia, Department of Energy , Mines and Resources, Geophysics Paper 5212, Sheet 92 1/7, Scale 1:50,000.

Government of Canada. 2016. Merritt weather results averaged over period between 1981 and 2010. http://climate.weather.gc.ca/climate_normals/results_1981_2010_e.html?stnID=1022&lang=e&StationName=Merritt&SearchType=Contains&stnNameSubmit=go&dCod e=1&dispBack=1

Kahlert, B.H., Grexton, P.I. 1993. Preliminary Mapping, Sampling, Magnetic Surveys on the Genstar Property. August 1993. AR 22,992.

Kim, H. 1989. Assessment Report on a Diamond Drilling program on the DES Claim Group, Assessment Report for C. Boitard, dated September 12, 1989, Assessment Report # 19,140.

Lammle, C.A.R. 1972. Geochemical Report of DES 1-98 Mineral Claims, Assessment Report for Newco Ventures Ltd., dated October 15, 1972, Assessment Report # 4,057.

La Rue, J.P. 1987. Geophysical Survey Conducted on the DES CLAIMS, Assessment Report for C. Boitard, dated November 5, 1987, Assessment Report # 17,070.

Mark, D.G. 1980. Geophysical Report on VLF-EM and Magnetometer Surveys, Des Claim. Assessment Report for C. Boitard, dated April 29, 1980, Assessment Report # 8,032.

MacQuarrie, D.R. 1981. Geophysical Report on a(sic.) Induced Potential Survey, Des Claim. Assessment Report for C. Boitard, dated December 15, 1981, Assessment Report # 9,854.

--------------------- **and Boitard, C. 1984.** Geophysical Report on a(sic.) Induced Polarization Survey, Des Claims. Assessment Report for C. Boitard, dated October 15, 1984, Assessment Report # 13,302.

Ministry of Forests and Range, Wildfire Management Branch, 2016. Web-site of Weather Station locations and data. http://bcwildfire.ca/Weather/stations.htm

Monger, J.W. and McMillan, W. J. 1989. Geology, Ashcroft, British Columbia, Geological Survey of Canada Map 42 – 1989, Scale 1:250,000

Nordin, G and DeLeen, J. 1972. Magnetometer and Geochemical Report on the Plug Claims, Assessment Report for Texada Mines Ltd., dated December 8, 1972, Assessment Report # 4,041.

Preto, V. A. 1979. Geology of the Nicola Group between Merritt and Princeton, Ministry of Energy, Mines and Petroleum Resources Bulletin 69, 85 p.

Scott, A. and Cochrane. D.R. 1972. Geophysical Report on an Induced Potential Survey of the Plug Claims, Assessment Report for Texada Mines Ltd., dated October 24, 1972, Assessment Report # 4,042

Sookochoff, L. 2015. Geological Assessment Report (Event Number 5537441) on a Structural Analysis of Tenure 1029696 of the Balto 1029696 Claim Group, Assessment Report for Balto Resources Ltd., dated January 13, 2015, Amended September 21, 2015.

------------------. 2014. Geophysical Assessment Report (Event Number 5488877) on the SED Mineral Claim for Balto Resources Ltd. May 18, 2014, Assessment Report # 34,821.

------------------. 2013. Geophysical Assessment Report (Event Number 5425567) on the SED Mineral Claim for Balto Resources Ltd. June 5, 2013, Assessment Report # 33,849.

------------------. 2012. Geophysical Assessment Report (Event Number 5173274) on the SED Mineral Claim for Balto Resources Ltd. June 25, 2012, Assessment Report # 33,127.

------------------. **2011.** Geophysical Assessment Report (Event Number 4829051) on the SED Mineral Claim (Tenure 392163), Assessment Report for Balto Resources Ltd., dated May 24, 2011, Assessment Report # 32,253.

------------------. **2010.** Geophysical Assessment Report (Event Number 4470905) on the SED Mineral Claim (Tenure 392163), Assessment Report for Balto Resources Ltd., dated June 23, 2010, Assessment Report # 31,582.

------------------. **2009.** Geophysical Assessment Report (Event Number 4262157) on the SED Mineral Claim (Tenure 392163), Assessment Report for Balto Resources Ltd., dated April 16, 2009, Assessment Report # 30,703.

------------------. **2008.** Geophysical Assessment Report (Event Number 4193562) on the SED Mineral Claim (Tenure 392163), Assessment Report for Balto Resources Ltd., dated May 15, 2008, Assessment Report # 29,979.

------------------. **2007.** Geophysical Assessment Report (Event Number 4132937) on the SED Mineral Claim (Tenure 392163), Assessment Report for Alcor Resources Ltd., dated June 13, 2007, Assessment Report # 29,193.

------------------. **2006.** Geophysical Assessment Report on the SED Mineral Claim, Assessment Report for Alcor Resources Ltd., dated May 18, 2006, Assessment Report # 28,396.

------------------. **2005.** Geophysical Assessment Report on the SED Mineral Claim, Assessment Report for Dancing Star Resources Ltd., dated March 23, 2005, Assessment Report # 27,725.

------------------. **2004.** Geochemical Assessment Report on the SED Mineral Claim, Assessment Report for Dancing Star Resources Ltd., dated January 22, 2004, Assessment Report # 27,329.

------------------. 2003. Geological Assessment Report (Lineament Array Analysis) on the Sed Mineral Claim, Assessment Report for Dancing Star Resources Ltd., dated May 29, 2003, Assessment Report # 27,156.

Thomas, M.D. 2010. Geological Significance of New Aeromagnetic Data from the Kamloops Survey Area (Portions of NTS 92I (Ashcroft) and 82L (Vernon)), Central British Columbia: A Mountain Pine Beetle Program Contribution, Geological Survey of Canada, Open File 6659, 49 p.

Walcott, Alexander. 2017. An Assessment Report on Ground Magnetic Surveying, Sed Claims, Assessment Report by Peter E. Walcott & Associates Limited for Balto Resources Ltd., dated April, 2017, 21 p.

Walker, R.T. 2016. Assessment Report - VLF-EM Survey, Assessment Report by Dynamic Exploration Ltd. for Balto Resources Ltd., dated January 31, 2016, Assessment Report # 36,082.

APPENDIX 1

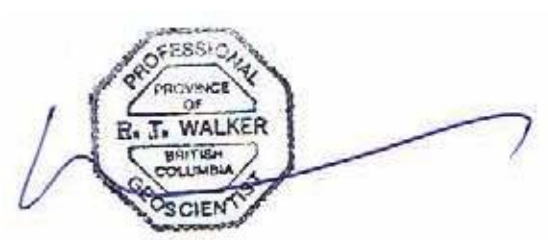
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Richard T. Walker, of 1616 – 7th Avenue South, Cranbrook, BC, hereby certify that:

1. I am a graduate of the University of Calgary of Calgary, Alberta, having obtained a Bachelors of Science in 1986.
2. I obtained a Masters of Geology at the University of Calgary of Calgary, Alberta in 1989.
3. I am a member of good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
4. I am a consulting geologist with offices at 1616 – 7th Ave South, Cranbrook, British Columbia.
5. I am the author of this report which is based on a VLF-EM geophysical survey undertaken between June 5 and 9, 2017, together with compilation of previous work and existing publications between June1 and June 23, 2017.
6. I have no interest in Balto Resources Ltd., nor do I expect to receive any.

Dated at Cranbrook, British Columbia this 24th day of June, 2017.



Richard T. Walker, P.Geo.

APPENDIX II

VLF-EM SURVEY DATA

Station	Easting	Northing	Tilt	Field Strength	Comments
1	668426.57	5591204.123	10		
2	668403.206	5591204.79	13		
3	668375.837	5591202.788	16		
4	668351.138	5591199.45	16		
5	668323.77	5591200.785	-3		
6	668302.409	5591200.785	-14		
7	668273.705	5591200.117	-11		
8	668247.671	5591200.117	-2		
9	668224.975	5591200.117	4		
10	668198.273	5591201.453	4		
11	668174.242	5591200.117	6		
12	668151.414	5591201.429	10		
13	668133.419	5591201.429	11		
14	668595.137	5590148.861	2		
15	668579.054	5590153.011	2		
16	668549.483	5590151.454	0		
17	668523.025	5590149.898	1		
18	668496.048	5590148.342	0		
19	668476.334	5590149.898	1		
20	668443.65	5590149.379	2		
21	668423.936	5590150.936	4		
22	668395.632	5590148.311	-2		
24	668353.636	5590148.83	4		
25	668326.158	5590151.941	5		
26	668296.087	5590147.793	2		
27	668277.941	5590148.311	8		
28	668246.314	5590146.756	8		
29	668222.984	5590150.904	10		
30	668201.208	5590142.608	9		
31	668173.9	5590148.343	4		
32	668149.517	5590148.861	10		
33	668124.615	5590148.861	8		
34	668098.676	5590150.418	10		
35	668076.368	5590149.38	10		
36	668048.353	5590151.455	14		
37	668025.007	5590149.899	17		
38	667999.068	5590153.012	11		
39	667975.203	5590150.937	-2		
40	667949.264	5590150.418	-4	12	
41	667923.558	5590150.91	-1	11.5	
42	667909.041	5590152.984	-2	12	
43	667901.264	5590115.136	7	12	
44	667872.23	5590114.099	-1	12	
45	667849.418	5590124.987	6	10.9	
46	667817.792	5590148.836	8	11.4	
47	667798.09	5590155.576	7	10.1	
48	667771.13	5590154.021	10	10.9	
49	667748.318	5590151.947	1	11	
50	667724.987	5590149.355	-2	10.8	
51	667699.582	5590156.095	-5	10.6	
52	667675.733	5590153.502	-7	10.6	
53	667648.254	5590148.836	3	9.9	
54	667625.442	5590152.465	6	9.8	
55	667597.445	5590149.873	1	10	
56	667576.772	5590149.899	8	9.6	
57	667548.757	5590149.899	7	10.5	
58	667524.893	5590147.824	6	11	
59	667498.953	5590150.418	6	11	
60	667477.683	5590150.937	2	11.2	
61	667450.706	5590151.455	2	11	
62	667422.691	5590151.974	1	11	
63	667402.977	5590152.493	0	10.5	
64	667374.962	5590151.455	1	10.4	
65	667354.211	5590154.049	3	10.5	
66	667350.06	5590199.703	-2	10.9	
67	667373.925	5590201.778	0	10.8	
68	667397.789	5590203.335	1	10.6	
69	667424.247	5590199.184	5	10.6	
70	667449.149	5590200.222	3	10.6	
71	667475.608	5590198.665	-1	10.6	
72	667502.066	5590202.297	-5	12.5	
73	667523.855	5590202.297	4	12.4	
74	667550.348	5590200.827	10	11.5	
75	667575.473	5590200.14	14	11.5	
76	667599.391	5590199.082	14	10.9	
77	667622.251	5590200.987	-8	10.2	
78	667648.921	5590198.87	10	10.2	
79	667670.088	5590201.199	9	9.6	
80	667698.451	5590202.045	-4	10	
81	667727.661	5590197.6	-1	11.1	
82	667751.368	5590194.002	1	12	
83	667767.878	5590203.104	8	12.5	
84	667870.537	5590201.199	7	12	
85	667899.958	5590198.447	7	11.5	
86	667925.358	5590198.659	6	11.1	
87	667950.335	5590200.987	0	11.5	
88	667970.867	5590200.352	6	12.6	
89	667999.018	5590201.199	12	11.1	
90	668026.112	5590200.564	6	11.5	
91	668051.3	5590199.082	12	11	

Station	Easting	Northing	Tilt	Field Strength	Comments
234	668400.093	5589903.789	6	13.2	
235	668371.259	5589919.053	4	12.9	
236	668342.991	5589911.138	3	12.7	
237	668310.2	5589895.873	2	12.6	
238	668298.893	5589911.704	3	11.8	
239	668274.494	5589899.533	2	11.8	
240	668248.503	5589901.793	4	11.8	
241	668219.688	5589896.143	8	12	
242	668194.827	5589889.363	7	12	
243	668173.922	5589884.843	7	12.4	
244	668154.147	5589872.413	6	12	
245	668121.376	5589901.228	4	12.2	
246	668097.08	5589904.618	7	12.2	
247	668069.395	5589909.703	4	12.5	
248	668047.924	5589910.268	8	12	
249	668021.934	5589906.878	7	12	
250	667995.943	5589904.618	9	12.4	
251	667975.603	5589896.708	9	12	
252	667947.918	5589909.138	8	11.4	
253	667959.783	5589944.169	7	11.4	
254	667984.643	5589948.124	10	11.4	
255	668002.159	5589950.384	10	12.2	
256	668022.499	5589946.994	10	10.8	
257	668047.924	5589958.294	8	11.1	
258	668074.48	5589956.034	4	12	
259	668097.645	5589956.599	6	10.9	
260	668124.766	5589955.469	-7	11.3	
261	668147.366	5589950.949	4	11.2	
262	668171.662	5589953.774	8	11.2	
263	668208.953	5589953.774	6	10.5	
264	668224.773	5589954.904	3	11	
265	668266.242	5589651.977	3	176.8	
266	668252.907	5589652.612	1	177.6	
267	668224.755	5589654.517	-2	179.5	
268	668205.282	5589652.824	-2	177.6	
269	668180.517	5589652.401	-2	177.6	
270	668150.883	5589647.532	-4	192	
271	668132.468	5589651.342	-4	191.6	
272	668104.528	5589654.094	-1	191.5	
273	668075.107	5589651.554	0	193.3	
274	668028.963	5589648.379	1	173.3	
275	668001.235	5589653.247	2	139.2	
276	667978.163	5589652.189	0	180.5	
277	667949.8	5589649.649	0	133	
278	667949.588	5589698.967	-1	119.4	
279	667977.316	5589704.259	-6	124	
280	667998.483	5589704.894	-2	151.4	
281	668024.307	5589701.296	7	73.8	
282	668053.305	5589702.142	-3	173.4	
283	668074.683	5589707.857	-2	153.6	
284	668104.74	5589702.354	-4	153.5	
285	668129.082	5589707.646	-2	175	
286	668152.153	5589709.127	0	95.5	
287	668176.283	5589702.354	-4	175.5	
288	668208.88	5589694.311	-4	174	
289	668226.449	5589697.274	-5	174	
290	668245.922	5589701.507	0	176	
291	668271.11	5589701.507	-4	162	
292	668284.234	5589754.424	-9	185	
293	668251.849	5589752.307	3	168	
294	668222.427	5589757.599	-3	239	
295	668209.939	5589750.402	-2	239	
296	668179.035	5589755.482	-5	208	
297	668152.365	5589756.117	-6	211	
298	668129.505	5589749.767	-6	211	
299	668103.47	5589753.789	-8	174	
300	668083.997	5589754.001	-6	141.5	
301	668050.342	5589740.666	-4	100	
302	668024.518	5589748.286	0	133	
303	668002.505	5589752.307	0	204	
304	668006.738	5589800.038	-6	218	
305	668026.847	5589798.768	-6	161.5	
306	668050.13	5589807.023	-6	172	
307	668071.72	5589798.98	-10	35	
308	668103.682	5589801.52	-5	160	
309	668124.425	5589799.827	0	102	
310	668152.365	5589799.615	-5	219	
311	668177.342	5589802.79	-7	219	
312	668202.107	5589804.06	-5	177	
313	668227.719	5589805.753	-2	179	
314	668230.259	5589855.389	0	119	
315	668203.589	5589857.929	0	119	
316	668179.247	5589857.718	3	119	
317	668154.693	5589859.834	-3	177	
318	668125.06	5589850.309	0	182	
319	668101.777	5589846.711	-8	183.5	
320	668071.72	5589853.484	-4	108	
321	668049.918	5589847.981	-14	195	
322	668025.153	5589858.988	-8	153.5	
323	668008.643	5589863.221	-2	153.5	

92	668075.43	5590199.294	12	10.4
93	668100.195	5590200.14	8	10.4
94	668126.019	5590197.389	8	10.4
95	668151.207	5590199.929	4	10
96	668173.009	5590199.505	0	10.9
97	668197.139	5590198.447	9	11.7
98	668222.751	5590201.622	11	11.3
99	668253.231	5590191.674	11	10.2
100	668270.799	5590212.629	10	10.2
101	668297.681	5590200.987	10	10
102	668327.737	5590186.17	6	10.2
103	668348.269	5590197.389	6	10.1
104	668376.421	5590187.017	2	10
105	668406.901	5590192.52	2	10.9
106	668424.258	5590194.002	4	10.5
107	668451.139	5590189.134	-4	10.9
108	668479.503	5590197.812	1	10.9
109	668494.954	5590198.87	0	11
110	668522.26	5590197.177	-1	11.3
111	668549.776	5590195.907	0	11.8
112	668575.811	5590199.082	-3	11.8
113	668598.036	5590195.907	-1	12.6
114	668448.312	5589989.433	0	14.1
115	668474.883	5589998.479	2	14.1
116	668502.021	5590000.175	2	14.6
117	668522.373	5590004.132	3	15.4
118	668549.654	5589995.585	14	16.2
119	668567.735	5589997.28	23	14.2
120	668598.245	5589998.975	18	13.6
121	668619.151	5589996.715	12	11.1
122	668649.661	5589999.54	11	10.4
123	668609.545	5589949.254	8	10.2
124	668572.255	5589948.124	14	11.6
125	668547.959	5589953.209	13	12.1
126	668524.794	5589949.254	10	12.8
127	668503.644	5589946.456	15	13
128	668486.938	5589952.079	16	14
129	668448.517	5589952.644	9	14
130	668424.222	5589948.689	1	13
131	668395.971	5589952.079	2	12.4
132	668385.236	5589959.989	4	12.3
133	668350.77	5589949.254	0	12.3
134	668323.085	5589950.949	-4	12
135	668301.614	5589957.164	-2	10.4
136	668272.799	5589952.079	2	11.1
137	668250.763	5589951.514	4	10.5
138	668229.858	5589945.299	3	10.2
139	668207.823	5589950.949	6	10.6
140	668178.442	5589950.384	3	10.6
141	668149.626	5589956.034	4	10.6
142	668132.676	5589958.294	6	10.6
143	668107.816	5589958.294	7	10.8
144	668087.475	5589955.469	8	10.8
145	668050.185	5589954.904	10	10.8
146	668025.889	5589950.384	7	10.8
147	667999.899	5589947.559	9	11
148	667981.818	5589950.949	10	10.8
149	667946.788	5589950.384	9	11
150	667930.967	5589949.254	8	11
151	667905.542	5589953.774	12	11
152	667895.937	5589993.325	13	12.5
153	667924.752	5590002.93	12	11.1
154	667949.048	5590000.67	14	11.1
155	667971.648	5589997.845	11	10.6
156	667997.639	5589997.28	9	10.6
157	668025.324	5590003.495	6	10.5
158	668050.185	5590001.8	8	10.4
159	668075.61	5590000.105	8	10.8
160	668096.515	5590000.67	4	11
161	668128.156	5590000.105	7	11
162	668151.887	5589997.845	5	10
163	668175.052	5590000.105	10	10.4
164	668201.607	5590004.625	13	10.3
165	668219.123	5589990.5	12	10.4
166	668247.373	5589993.325	10	10
167	668265.454	5590002.365	11	9.4
168	668297.659	5589991.63	2	8.8
169	668318.565	5589986.545	-5	9.4
170	668347.38	5589995.585	-6	10.9
171	668367.721	5589989.37	0	11.7
172	668386.366	5590008.015	0	11.5
173	668415.747	5589996.715	-2	12.3
174	668446.257	5589997.845	1	12.8
175	668471.118	5589997.845	1	13.2
176	668473.378	5590048.131	-2	12.5
177	668496.543	5590048.696	-4	12.5
178	668518.014	5590043.611	-1	13.4
179	668576.775	5590098.417	2	14
180	668546.829	5590103.502	-2	13.4
181	668526.489	5590093.332	-4	13.4
182	668502.193	5590098.417	-3	12.3

324	668004.212	5589905.561	0	186	
325	668034.507	5589910.192	-5	189	
326	668238.457	5589597.274	6	14	
327	668226.154	5589593.306	6	14	
328	668199.563	5589592.115	2	14	
329	668175.354	5589602.434	5	14	
330	668151.541	5589594.496	3	14	
331	668120.982	5589585.368	3	13.4	Small Pond
332	668099.154	5589592.512	2	13.3	
333	668075.341	5589593.702	6	13.7	
334	668044.782	5589598.862	3	13.7	
335	668022.16	5589599.259	6	13.5	
336	667999.935	5589603.624	3	13.5	
337	667995.569	5589543.299	7	13.5	
338	668023.747	5589550.046	6	13.3	
339	668046.369	5589550.046	4	13.1	
340	668079.707	5589559.571	4	13	
341	668104.71	5589551.634	4	13.1	
342	668132.095	5589554.809	2	13.8	
343	668151.541	5589546.871	6	13.2	
344	668171.782	5589552.03	5	13.2	
345	668199.563	5589547.665	6	12.8	
346	668222.979	5589551.237	6	12.6	
347	668249.967	5589546.871	6	12.6	
348	668251.951	5589499.643	6	11.9	
349	668228.535	5589498.055	3	12.4	
350	668201.548	5589500.04	5	12.3	
351	668174.56	5589497.658	9	12.1	
352	668152.732	5589499.246	6	12.5	
353	668121.776	5589502.818	2	12.8	
354	668107.488	5589504.802	4	13.4	
355	668092.01	5589502.024	2	12.6	
356	668072.96	5589496.071	5	12.8	
357	668053.116	5589500.437	6	12.8	
358	668040.019	5589497.658	6	13	
359	668025.335	5589500.04	6	12.5	
360	668001.522	5589503.215	8	12.6	
361	667976.122	5589453.526	10	13.2	
362	667997.157	5589458.685	7	13.4	
363	668024.144	5589451.541	6	13	
364	668051.529	5589448.763	10	13	
365	668072.166	5589450.351	9	13	
366	668097.566	5589445.588	7	11.6	
367	668128.126	5589447.176	6	12.2	
368	668149.16	5589442.413	8	12.5	
369	668175.354	5589457.495	9	12.4	
370	668198.77	5589457.098	8	12.4	
371	668225.36	5589452.335	4	12	
372	668249.57	5589456.304	3	12.4	
373	668248.379	5589406.298	2	12	
374	668227.345	5589404.313	2	12.1	
375	668202.342	5589401.932	3	12	
376	668179.323	5589404.313	4	12.2	
377	668150.748	5589399.551	4	11.4	
378	668126.538	5589397.566	4	11.6	
379	668101.138	5589401.853	6	12.4	
380	668075.341	5589400.265	6	11.8	
381	668052.322	5589399.075	6	11.6	
382	668026.526	5589394.312	10	12	
383	667997.157	5589398.281	13	15.5	
384	667975.725	5589403.043	12	12.4	
385	667997.554	5589353.037	12	11.5	
386	668023.351	5589355.815	8	11.6	
367	668046.766	5589356.212	8	11.4	
	668071.769	5589353.037			
368	668099.948	5589349.862	6	11.2	
369	668123.76	5589351.449	6	10.5	
370	668149.954	5589355.418	2	11	
371	668170.195	5589353.037	3	11	
372	668199.563	5589352.243	2	10.8	
373	668223.376	5589350.656	1	10.8	
374	668247.585	5589355.021	1	11.1	
375	668225.757	5589303.031	0	11.1	
376	668199.167	5589297.871	2	10.9	
377	668173.766	5589302.237	2	10.8	
378	668148.366	5589299.062	4	11	
379	668125.745	5589300.252	4	10.8	
380	668099.948	5589299.062	2	10.5	
381	668070.976	5589303.427	4	10.8	
382	668047.957	5589305.015	4	10.8	
383	668023.351	5589303.824	5	11.2	
384	668003.11	5589300.649	9	11.5	
385	667999.141	5589251.397	7	11.5	
386	668020.969	5589252.191	7	11.5	
387	668047.56	5589250.603	6	11.5	
388	668074.548	5589256.953	4	11.5	
389	668099.154	5589253.381	5	11	
390	668123.76	5589252.588	2	10.8	
391	668150.351	5589252.191	0	11.1	
392	668175.354	5589250.603	2	11.4	

183	668472.813	5590100.677	-2	11.6
184	668451.907	5590110.847	1	11.2
185	668419.137	5590107.457	1	11
186	668397.101	5590106.327	1	10.6
187	668375.498	5590102.511	3	10.6
188	668347.23	5590105.338	2	11.2
189	668317.266	5590100.815	6	10.5
190	668299.174	5590096.292	6	10.8
191	668278.256	5590100.25	6	11.5
192	668253.381	5590101.381	4	11.1
193	668233.593	5590102.511	4	11
194	668200.802	5590100.25	0	11.3
195	668175.927	5590100.25	0	11
196	668149.355	5590100.25	4	11
197	668122.218	5590097.988	2	11.4
198	668101.3	5590100.815	2	11.1
199	668076.424	5590101.946	4	10.6
200	668050.699	5590101.1	9	10.3
201	668024.127	5590099.404	10	11.1
202	667998.121	5590098.838	10	12
203	667974.376	5590104.492	8	13
204	667948.934	5590102.796	4	13
205	667922.362	5590099.404	7	12.3
206	667899.748	5590050.782	4	19
207	667923.493	5590050.217	10	14.6
208	667955.153	5590046.26	13	13.1
209	667978.899	5590048.521	12	13
210	667996.425	5590049.652	7	12.6
211	668024.127	5590050.217	4	12.5
212	668047.307	5590049.652	6	12.6
213	668072.183	5590050.782	4	12.5
214	668096.494	5590051.913	6	13.1
215	668121.935	5590053.609	4	13.1
216	668145.115	5590051.348	11	11.7
217	668170.556	5590047.39	1	11.8
218	668199.389	5590050.782	4	12.6
219	668225.961	5590049.086	9	12.5
220	668249.141	5590050.217	9	12.2
221	668273.452	5590044.564	10	12.2
222	668311.896	5590048.521	10	11
223	668323.769	5590042.302	3	11.2
224	668349.21	5590048.521	2	11.3
225	668365.606	5590047.956	0	12.2
226	668396.135	5590051.913	2	12.8
227	668424.403	5590061.524	0	13
228	668440.233	5590049.086	-2	14
229	668532.387	5589906.615	-10	11.9
230	668501.858	5589891.351	11	11.7
231	668478.678	5589898.135	15	12.4
232	668452.106	5589884.566	16	12.7
233	668427.23	5589884.566	10	13.4

393	668199.563	5589249.81	-3	11.5	
394	668225.757	5589251.397	-2	11.6	
395	668223.773	5589201.788	-1	12.4	
396	668199.563	5589204.566	1	11.5	
397	668175.751	5589202.581	-1	11.6	
398	668150.351	5589202.581	1	11.5	
399	668122.966	5589200.2	0	11.3	
400	668098.36	5589198.613	3	11.6	
401	668077.326	5589204.169	6	11.5	
402	668049.941	5589202.581	6	11.4	
403	668025.732	5589195.438	3	11.4	
404	667998.347	5589202.184	3	11.3	
405	668006.285	5589148.209	1	9.6	
406	668027.716	5589147.019	1	10.3	
407	668048.354	5589152.575	-2	10.5	
408	668073.357	5589155.353	3	12.2	
409	668095.979	5589156.544	4	10.6	Creek
410	668126.141	5589150.194	2	10.5	
411	668149.954	5589151.781	2	10.8	Creek
412	668176.545	5589150.194	4	10.8	
413	668195.198	5589150.987	5	11	
414	668226.154	5589151.781	6	10.5	
415	668252.348	5589145.828	2	10.5	
416	668286.876	5589200.2	0	11	
417	668274.176	5589198.216	2	10.8	
418	668249.967	5589200.597	-2	10.7	
419	668250.364	5589248.619	-4	11.5	
420	668274.97	5589249.81	-2	11.4	
421	668294.417	5589246.238	-2	11	
422	668323.389	5589301.403	-2	11.5	
423	668299.973	5589298.625	-2	11.2	
424	668276.418	5589301.024	-5	11	
425	668247.843	5589305.786	-1	11.6	
426	668250.364	5589348.989	2	11	
427	668271.795	5589350.179	2	10.5	
428	668297.989	5589352.561	-2	10.6	
429	668324.182	5589352.561	0	10.8	
430	668341.645	5589355.736	-2	11.1	
431	668353.948	5589400.98	-2	10.5	
432	668323.389	5589398.598	2	10.6	
433	668303.148	5589400.98	4	10.5	
434	668270.604	5589401.376	4	10.2	
435	668281.981	5589448.208	3	11	
436	668298.518	5589450.854	0	10	
437	668322.992	5589450.854	4	10.6	
438	668349.781	5589447.877	0	10	
439	668373.924	5589454.822	1	10	
440	668347.135	5589499.802	2	10	
441	668328.945	5589499.14	1	9.8	
442	668301.494	5589498.809	2	10	
443	668274.044	5589493.187	6	10.3	

Station	Easting	Northing	Tilt	Field Strength	Fraser Filter	Report#	Comments
1	668250	5590950	-10			27725	
2	668275	5590950	-6		2	27725	
3	668300	5590950	-6		0	27725	
4	668325	5590950	-8		8	27725	
5	668350	5590950	-4		10	27725	
6	668375	5590950	-2		11	27725	
7	668400	5590950	0		11	27725	
8	668425	5590950	5		6	27725	
9	668450	5590950	4		5	27725	
10	668475	5590950	7		1	27725	
11	668500	5590950	7		-7	27725	
12	668525	5590950	5		-10	27725	
13	668550	5590950	2		-7	27725	
14	668575	5590950	0		1	27725	
15	668600	5590950	0		8	27725	
16	668625	5590950	3		0	27725	
17	668650	5590950	5		-8	27725	
18	668250	5590850	-3			27725	
19	668275	5590850	-1		5	27725	
20	668300	5590850	-1		1	27725	
21	668325	5590850	2		0	27725	
22	668350	5590850	-3		3	27725	
23	668375	5590850	4		5	27725	
24	668400	5590850	-2		6	27725	
25	668425	5590850	8		2	27725	
26	668450	5590850	0		4	27725	
27	668475	5590850	8		0	27725	
28	668500	5590850	4		-3	27725	
29	668525	5590850	4		-3	27725	
30	668550	5590850	5		-7	27725	
31	668575	5590850	0		0	27725	
32	668600	5590850	2		5	27725	
33	668625	5590850	3		0	27725	
34	668650	5590850	4		-7	27725	
35	668250	5590750	3			27725	
36	668275	5590750	-5		-1	27725	
37	668300	5590750	-1		3	27725	
38	668325	5590750	-2		0	27725	
39	668350	5590750	-1		3	27725	
40	668375	5590750	-2		5	27725	
41	668400	5590750	2		5	27725	
42	668425	5590750	0		5	27725	
43	668450	5590750	5		2	27725	
44	668475	5590750	2		2	27725	
45	668500	5590750	5		0	27725	
46	668525	5590750	4		3	27725	
47	668550	5590750	3		5	27725	
48	668575	5590750	9		-2	27725	
49	668600	5590750	3		-4	27725	
50	668625	5590750	7		-8	27725	
51	668650	5590750	1		-8	27725	
53	667500	5590500	2			28396	
54	667520	5590500	2		0	28396	
55	667540	5590500	2		0	28396	
56	667560	5590500	2		2	28396	
57	667580	5590500	2		4	28396	
58	667600	5590500	4		0	28396	
59	667620	5590500	4		-4	28396	
60	667640	5590500	2		-2	28396	
61	667660	5590500	2		0	28396	
62	667680	5590500	2		0	28396	
63	667700	5590500	2		-2	28396	
64	667720	5590500	2		-2	28396	
65	667740	5590500	0		3	28396	
66	667760	5590500	2		7	28396	
67	667780	5590500	3		7	28396	
68	667800	5590500	6		5	28396	
69	667820	5590500	6		4	28396	
70	667840	5590500	8		-2	28396	
71	667860	5590500	8		-8	28396	
72	667880	5590500	4		-6	28396	
73	667900	5590500	4		-6	28396	
74	667920	5590500	2		-6	28396	
75	667940	5590500	0		0	28396	
76	667960	5590500	0		6	28396	
77	667980	5590500	2		6	28396	
78	668000	5590500	4		6	28396	
79	668020	5590500	4		4	28396	
80	668040	5590500	8		0	28396	
81	668060	5590500	4		2	28396	
82	668080	5590500	8		0	28396	
83	668100	5590500	6		-7	28396	
84	668120	5590500	6		-11	28396	
85	668140	5590500	1		-6	28396	
86	668160	5590500	0		1	28396	
87	668180	5590500	1		1	28396	
88	668200	5590500	1		-1	28396	
89	668220	5590500	1		0	28396	
90	668240	5590500	0		7	28396	
91	668260	5590500	2		8	28396	
92	668280	5590500	6		-4	28396	
93	668300	5590500	4		-8	28396	
94	668320	5590500	0		2	28396	
95	668340	5590500	2		6	28396	
96	668360	5590500	4		-2	28396	
97	668380	5590500	4		-7	28396	
98	668400	5590500	0		3	28396	
99	668420	5590500	1		7	28396	
100	668440	5590500	6		2	28396	
101	668460	5590500	2		5	28396	
102	668480	5590500	7		-1	28396	
103	668500	5590500	6		-7	28396	
104	668520	5590500	2		2	28396	
105	668540	5590500	4		2	28396	
106	668560	5590500	6		-7	28396	
107	668580	5590500	2		-3	28396	
108	668600	5590500	4		0	28396	
110	667500	5590450	3			28396	
111	667520	5590450	0		1	28396	
112	667540	5590450	2		2	28396	
113	667560	5590450	2		-1	28396	
114	667580	5590450	2		-2	28396	
115	667600	5590450	1		-2	28396	
116	667620	5590450	1		0	28396	
117	667640	5590450	0		7	28396	
118	667660	5590450	2		6	28396	
119	667680	5590450	6		-6	28396	
120	667700	5590450	2		-6	28396	
121	667720	5590450	0		3	28396	
122	667740	5590450	2		5	28396	
123	667760	5590450	3		1	28396	
124	667780	5590450	4		-1	28396	
125	667800	5590450	2		4	28396	
126	667820	5590450	4		8	28396	
127	667840	5590450	6		6	28396	
128	667860	5590450	8		-2	28396	
129	667880	5590450	8		-8	28396	
130	667900	5590450	4		-7	28396	
131	667920	5590450	4		-5	28396	
132	667940	5590450	1		-3	28396	
133	667960	5590450	2		-1	28396	

Station	Easting	Northing	Tilt	Field Strength	Fraser Filter	Report#	Comments
1084	667475	5589650	1		-4	33127	
1085	667500	5589650	0		3	33127	
1086	667525	5589650	2		5	33127	
1087	667550	5589650	2		-4	33127	
1088	667575	5589650	5		-15	33127	
1089	667600	5589650	-5		-6	33127	
1090	667625	5589650	-3		5	33127	
1091	667650	5589650	-3		5	33127	
1092	667675	5589650	0		1	33127	
1093	667700	5589650	-1		0	33127	
1094	667725	5589650	-1		-2	33127	
1095	667750	5589650	0		-5	33127	
1096	667775	5589650	-4		5	33127	
1097	667800	5589650	-2		14	33127	
1098	667825	5589650	3		9	33127	
1099	667850	5589650	5		-2	33127	
1100	667875	5589650	5		-7	33127	
1101	667900	5589650	1		-4	33127	
1102	667925	5589650	2		-3	33127	
1103	667950	5589650	0		1	33127	
1104	667975	5589650	1		-1	33127	
1105	668000	5589650	0		3	33127	
1107	667400	5589600	0			33127	
1108	667425	5589600	0		2	33127	
1109	667450	5589600	1		2	33127	
1110	667475	5589600	1		1	33127	
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1112	667525	5589600	1		-1	33127	
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1126	667875	5589600	5		-3	33127	
1127	667900	5589600	2		-5	33127	
1128	667925	5589600	0		0	33127	
1129	667950	5589600	2		-2	33127	
1130	667975	5589600	0		1	33127	
1131	668000	5589600	0		9	33127	
1133	667400	5589550	1			33127	
1134	667425	5589550	1		3	33127	
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1140	667575	5589550	3		2	33127	
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1142	667625	5589550	3		-4	33127	
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1146	667725	5589550	-5		4	33127	
1147	667750	5589550	-3		5	33127	
1148	667775	5589550	-3		5	33127	
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1151	667850	5589550	-4		12	33127	
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1153	667900	5589550	2		-2	33127	
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1155	667950	5589550	2		-1	33127	
1156	667975	5589550	4		1	33127	
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1160	667425	5589500	2		-3	33127	
1161	667450	5589500	1		-2	33127	
1162	667475	5589500	0		1	33127	
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1164	667525	5589500	1		3	33127	
1165	667550	5589500	3		-2	33127	
1166	667575	5589500	2		-4	33127	
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1168	667625	5589500	1		1	33127	
1169	667650	5589500	2		1	33127	
1170	667675	5589500	0		4	33127	
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1172	667725	5589500	2		-14	33127	
1173	667750	5589500	-3		-6	33127	
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1177	667850	5589500	0		6	33127	
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1180	667925	5589500	5		-5	33127	
1181	667950	5589500	2		-3	33127	
1182	667975	5589500	2		6	33127	
1183	668000	5589500	2		10	33127	
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1185	667425	5589450	1		-2	33127	
1186	667450	5589450	1		-1	33127	
1187	667475	5589450	0		3	33127	
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1193	667625	5589450	1		2	33127	
1194	667650	5589450	3		-1	33127	
1195	667675	5589450	1		1	33127	
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1197	667725	5589450	3		-3	33127	
1198	667750	5589450	4		-11	33127	
1199	667775	5589450	-2		-4	33127	
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1205	667925	5589450	2		0	33127	
1206	667950	5589450	3		5	33127	
1207	667975	5589450	0		14	33127	
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1214	667525	5590100	-2		-1	33849	
1215	667550	5590100	-3		-1	33849	
1216	667575	5590100	-2		-1	33849	
1217	667600	5590100	-4		2	33849	

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136	668020	5590450	8	8	28396
137	668040	5590450	8	-1	28396
138	668060	5590450	10	-9	28396
139	668080	5590450	5	-3	28396
140	668100	5590450	4	2	28396
141	668120	5590450	8	-9	28396
142	668140	5590450	3	-11	28396
143	668160	5590450	0	-2	28396
144	668180	5590450	0	1	28396
145	668200	5590450	1	0	28396
146	668220	5590450	0	4	28396
147	668240	5590450	1	5	28396
148	668260	5590450	4	3	28396
149	668280	5590450	2	2	28396
150	668300	5590450	6	-6	28396
151	668320	5590450	2	-7	28396
152	668340	5590450	0	1	28396
153	668360	5590450	1	1	28396
154	668380	5590450	2	-2	28396
155	668400	5590450	0	-1	28396
156	668420	5590450	1	3	28396
157	668440	5590450	0	5	28396
158	668460	5590450	4	4	28396
159	668480	5590450	2	4	28396
160	668500	5590450	6	-2	28396
161	668520	5590450	4	-7	28396
162	668540	5590450	2	-5	28396
163	668560	5590450	1	-3	28396
164	668580	5590450	0	0	28396
165	668600	5590450	1	-3	28396
167	667500	5590400	6		28396
168	667520	5590400	2	-4	28396
169	667540	5590400	0	3	28396
170	667560	5590400	4	-2	28396
171	667580	5590400	1	0	28396
172	667600	5590400	1	4	28396
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175	667660	5590400	5	0	28396
176	667680	5590400	6	-8	28396
177	667700	5590400	1	-5	28396
178	667720	5590400	2	1	28396
179	667740	5590400	0	6	28396
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183	667820	5590400	6	6	28396
184	667840	5590400	6	6	28396
185	667860	5590400	10	-2	28396
186	667880	5590400	8	-8	28396
187	667900	5590400	6	-6	28396
188	667920	5590400	4	-6	28396
189	667940	5590400	4	-4	28396
190	667960	5590400	0	4	28396
191	667980	5590400	4	2	28396
192	668000	5590400	4	2	28396
193	668020	5590400	2	10	28396
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195	668060	5590400	8	-10	28396
196	668080	5590400	2	0	28396
197	668100	5590400	4	5	28396
198	668120	5590400	6	-2	28396
199	668140	5590400	5	-7	28396
200	668160	5590400	3	-6	28396
201	668180	5590400	1	-1	28396
202	668200	5590400	1	2	28396
203	668220	5590400	2	9	28396
204	668240	5590400	2	12	28396
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206	668280	5590400	6	-10	28396
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208	668320	5590400	4	0	28396
209	668340	5590400	4	-6	28396
210	668360	5590400	2	-4	28396
211	668380	5590400	0	1	28396
212	668400	5590400	2	-1	28396
213	668420	5590400	1	-1	28396
214	668440	5590400	0	5	28396
215	668460	5590400	2	6	28396
216	668480	5590400	4	0	28396
217	668500	5590400	4	-3	28396
218	668520	5590400	2	2	28396
219	668540	5590400	3	6	28396
220	668560	5590400	5	4	28396
221	668580	5590400	6	6	28396
222	668600	5590400	6	-12	28396
224	667500	5590350	2		28396
225	667520	5590350	2	-2	28396
226	667540	5590350	1	0	28396
227	667560	5590350	1	2	28396
228	667580	5590350	2	0	28396
229	667600	5590350	2	-3	28396
230	667620	5590350	1	-2	28396
231	667640	5590350	0	6	28396
232	667660	5590350	1	10	28396
233	667680	5590350	6	0	28396
234	667700	5590350	5	-3	28396
235	667720	5590350	2	3	28396
236	667740	5590350	6	-3	28396
237	667760	5590350	4	-4	28396
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239	667800	5590350	5	-4	28396
240	667820	5590350	2	-1	28396
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242	667860	5590350	6	5	28396
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244	667900	5590350	4	-5	28396
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247	667960	5590350	4	6	28396
248	667980	5590350	2	16	28396
249	668000	5590350	10	7	28396
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251	668040	5590350	7	-3	28396
252	668060	5590350	8	-1	28396
253	668080	5590350	8	-6	28396
254	668100	5590350	6	-10	28396
255	668120	5590350	4	-8	28396
256	668140	5590350	0	2	28396
257	668160	5590350	2	4	28396
258	668180	5590350	4	-3	28396
259	668200	5590350	2	-1	28396
260	668220	5590350	1	3	28396
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262	668260	5590350	2	0	28396
263	668280	5590350	5	-4	28396
264	668300	5590350	1	0	28396
265	668320	5590350	2	5	28396
266	668340	5590350	4	0	28396
267	668360	5590350	4	0	28396

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1220	667675	5590100	2	-10	33849
1221	667700	5590100	2	-24	33849
1222	667725	5590100	-12	-8	33849
1223	667750	5590100	-8	2	33849
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1226	667825	5590100	-4	-2	33849
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1229	667900	5590100	-8	15	33849
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1239	667500	5590050	-4	3	33849
1240	667525	5590050	4	0	33849
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1249	667750	5590050	-4	-10	33849
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1257	667950	5590050	-2	20	33849
1258	667975	5590050	0	6	33849
1259	668000	5590050	4	-1	33849
1261	667400	5590000	1		33849
1262	667425	5590000	3	0	33849
1263	667450	5590000	3	-3	33849
1264	667475	5590000	1	-2	33849
1265	667500	5590000	2	-5	33849
1266	667525	5590000	0	-6	33849
1267	667550	5590000	-2	1	33849
1268	667575	5590000	-2	5	33849
1269	667600	5590000	1	3	33849
1270	667625	5590000	0	3	33849
1271	667650	5590000	2	5	33849
1272	667675	5590000	2	-4	33849
1273	667700	5590000	5	-15	33849
1274	667725	5590000	-5	-6	33849
1275	667750	5590000	-3	5	33849
1276	667775	5590000	-3	5	33849
1277	667800	5590000	0	1	33849
1278	667825	5590000	-1	0	33849
1279	667850	5590000	-1	15	33849
1280	667875	5590000	0	16	33849
1281	667900	5590000	2	-1	33849
1282	667925	5590000	2	0	33849
1283	667950	5590000	0	-4	33849
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1288	667425	5589950	0	5	33849
1289	667450	5589950	1	1	33849
1290	667475	5589950	0	-1	33849
1291	667500	5589950	2	-6	33849
1292	667525	5589950	-2	-2	33849
1293	667550	5589950	-2	4	33849
1294	667575	5589950	0	4	33849
1295	667600	5589950	0	9	33849
1296	667625	5589950	2	11	33849
1297	667650	5589950	7	5	33849
1298	667675	5589950	6	-5	33849
1299	667700	5589950	8	-20	33849
1300	667725	5589950	0	-18	33849
1301	667750	5589950	-6	1	33849
1302	667775	5589950	-4	9	33849
1303	667800	5589950	-1	5	33849
1304	667825	5589950	0	-1	33849
1305	667850	5589950	0	-5	33849
1306	667875	5589950	-2	11	33849
1307	667900	5589950	-3	16	33849
1308	667925	5589950	-1	6	33849
1309	667950	5589950	0	-7	33849
1310	667975	5589950	-5	18	33849
1311	668000	5589950	0	11	33849
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1315	667450	5589900	0	1	33849
1316	667475	5589900	0	0	33849
1317	667500	5589900	2	-4	33849
1318	667525	5589900	-2	6	33849
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521	669041.07	5590317.17	3	3	29193
522	669063.3	5590317.17	5	1	29193
523	669083.93	5590316.11	4	-6	29193
525	668500	5590300	0	-3	30703
526	668525	5590300	-1	2	30703
527	668550	5590300	-2	6	30703
528	668575	5590300	0	2	30703
529	668600	5590300	2	0	30703
530	668625	5590300	5	-11	30703
531	668650	5590300	0	-2	30703
532	668675	5590300	-3	3	30703
533	668700	5590300	1	-2	30703
534	668725	5590300	2	2	30703
535	668750	5590300	2	-11	30703
536	668775	5590300	2	-2	30703
537	668800	5590300	3	-4	30703
538	668825	5590300	-4	5	30703
539	668850	5590300	-2	11	30703

1493	670000	5589600	-2		5	34821	
1494	670025	5589600	1		5	34821	
1495	670050	5589600	2		1	34821	
1496	670075	5589600	2		-1	34821	
1497	670100	5589600	2		-3	34821	
1498	670125	5589600	1		-1	34821	
1499	670150	5589600	0		5	34821	
1500	670175	5589600	2		6	34821	
1501	670200	5589600	4		0	34821	
1502	670225	5589600	4		-6	34821	
1503	670250	5589600	2		-6	34821	
1504	670275	5589600	0		-4	34821	
1505	670300	5589600	0		-4	34821	
1506	670325	5589600	-2		0	34821	
1507	670350	5589600	-2		5	34821	
1508	670375	5589600	0		2	34821	
1509	670400	5589600	1			34821	
1511	669850	5589550	4			34821	
1512	669875	5589550	3		-7	34821	
1513	669900	5589550	0		-5	34821	
1514	669925	5589550	0		-4	34821	
1515	669950	5589550	-2		0	34821	
1516	669975	5589550	-2		4	34821	
1517	670000	5589550	0		-1	34821	
1518	670025	5589550	0		-6	34821	
1519	670050	5589550	-3		2	34821	
1520	670075	5589550	-3		11	34821	
1521	670100	5589550	2		8	34821	
1522	670125	5589550	3		1	34821	
1523	670150	5589550	4		-5	34821	
1524	670175	5589550	2		-4	34821	
1525	670200	5589550	0		0	34821	
1526	670225	5589550	2		-1	34821	
1527	670250	5589550	0		2	34821	
1528	670275	5589550	1		4	34821	
1529	670300	5589550	3		-2	34821	
1530	670325	5589550	2		-4	34821	
1531	670350	5589550	0		-1	34821	
1532	670375	5589550	1		-1	34821	
1533	670400	5589550	0			34821	
1535	669850	5589500	0			34821	
1536	669875	5589500	0		2	34821	
1537	669900	5589500	2		-5	34821	
1538	669925	5589500	0		-9	34821	
1539	669950	5589500	-3		-2	34821	
1540	669975	5589500	-4		6	34821	
1541	670000	5589500	-1		8	34821	
1542	670025	5589500	0		7	34821	
1543	670050	5589500	3		2	34821	
1544	670075	5589500	3		-2	34821	
1545	670100	5589500	2		-2	34821	
1546	670125	5589500	2		-3	34821	
1547	670150	5589500	1		0	34821	
1548	670175	5589500	0		2	34821	
1549	670200	5589500	3		-3	34821	
1550	670225	5589500	0		-2	34821	
1551	670250	5589500	0		2	34821	
1552	670275	5589500	1		2	34821	
1553	670300	5589500	1		4	34821	
1554	670325	5589500	2		3	34821	
1555	670350	5589500	4		-4	34821	
1556	670375	5589500	2		-6	34821	
1557	670400	5589500	0			34821	
1	668355	5589231	-5	24.2			
2	668400	5589200	1	27.1			
3	668425	5589200	3	27.4			
4	668303	5589225	4	26.1			
5	668291	5589200	0	23			
6	668283	5589183	1	23.5			
7	668269	5589164	4	22.4			
8	668256	5589147	-1	21			
9	668242	5589130	-3	21			
10	668228	5589114	-2	20.2			
11	668214	5589097	0	21.4			
12	668203	5589084	1	22.2	-1		
13	668192	5589068	0	20.8	-1		
14	668179	5589054	2	20.5	-5		
15	668167	5589039	4	20.2	-5		
16	668157	5589021	3	19.5	6		West Pine Road #3 Fork
17	668146	5589003	-3	19.1	12		
18	668132	5588986	-2	19.6	6		
19	668116	5588975	-4	18	3		
20	668099	5588967	-4	18.2	3		
21	668079	5588957	-5	18.5	2		
22	668062	5588946	-5	18.5	1		
23	668045	5588937	-5	18.8	-2		
24	668024	5588926	-3	18.6	-5		
25	668006	5588918	-2	19.1	-2		Cusp of Corner
26	667986	5588921	-4	20.5			Fork in Road
27	668313	5589245	2	18.8			Back at Truck
28	668322	5589262	3	18			
29	668330	5589285	2	18.2			
30	668340	5589306	2	17			
31	668352	5589323	4	16			
32	668363	5589341	6	16			
33	668371	5589359	5	15.5			
34	668378	5589380	7	14.7			
35	668380	5589400	2	14			
36	668378	5589422	4	14.5			
37	668376	5589445	6	14.2			
38	668372	5589469	4	14.6			
39	668365	5589490	3	15.1			
40	668356	5589510	3	14.1			
41	668345	5589529	2	13.3			
42	668335	5589548	3	13.6			
43	668322	5589564	1	14			
44	668309	5589581	2	13.9			
45	668297	5589600	-2	13.6			
46	668285	5589617	-2	13.7			
47	668277	5589636	0	13.6			
48	668272	5589658	-2	13.3			
49	668272	5589683	-1	13.7			19 m – 3 km Marker
50	668272	5589704	1	14.3			
51	668275	5589724	0	14.2			
52	668283	5589742	0	13.4	-3		
53	668294	5589761	0	12.9			
54	668304	5589779	-3	12.8			
55	668316	5589797	-4	13			
56	668330	5589814	-2	12.5			South side of cusp of corner
57	668344	5589828	-2	12.1			North side of cusp of corner
58	668363	5589838	-2	12.5			
59	668384	5589841	-3	12.1			
60	668404	5589846	-6	12.4			
61	668426	5589851	-8	12.1			
62	668446	5589860	-4	11.7			
63	668468	5589869	-8	11.5	0		
64	668489	5589878	-7	11.6	-6		
65	668510	5589886	-9	11.5	-22		
66	668529	5589891	-10	11.9	2		
67	668550	5589899	-7	11.6	-3		
68	668570	5589908	-8	11.4	15		
69	668589	5589918	-12	10.4			Cusp of Corner

540	668875	5590300	-1	8	30703
541	668900	5590300	3	-2	30703
542	668925	5590300	4	-3	30703
543	668950	5590300	4	-7	30703
544	668975	5590300	1	-7	30703
545	669000	5590300	-5	7	30703
546	669025	5590300	-1	3	30703
547	669050	5590300	0	4	30703
548	669075	5590300	2	1	30703
549	669100	5590300	4		30703
551	668500	5590250	-4	0	30703
552	668525	5590250	-4	4	30703
553	668550	5590250	-2	-2	30703
554	668575	5590250	0	3	30703
555	668600	5590250	-4	15	30703
556	668625	5590250	6	6	30703
557	668650	5590250	6	-14	30703
558	668675	5590250	2	-10	30703
559	668700	5590250	-4	9	30703
560	668725	5590250	2	10	30703
561	668750	5590250	5	-9	30703
562	668775	5590250	3	-15	30703
563	668800	5590250	-5	-3	30703
564	668825	5590250	-2	0	30703
565	668850	5590250	-3	0	30703
566	668875	5590250	-4	10	30703
567	668900	5590250	-1	12	30703
568	668925	5590250	4	-2	30703
569	668950	5590250	3	-9	30703
570	668975	5590250	-2	-3	30703
571	669000	5590250	0	-4	30703
572	669025	5590250	-2	-6	30703
573	669050	5590250	-4	4	30703
574	669075	5590250	-4	8	30703
575	669100	5590250	2		30703
577	668500	5590200	-6	1	30703
578	668525	5590200	-4	9	30703
579	668550	5590200	4	-3	30703
580	668575	5590200	4	-12	30703
581	668600	5590200	6	-3	30703
582	668625	5590200	2	-6	30703
583	668650	5590200	0	4	30703
584	668675	5590200	2	7	30703
585	668700	5590200	4	-9	30703
586	668725	5590200	5	-13	30703
587	668750	5590200	4	6	30703
588	668775	5590200	2	-4	30703
589	668800	5590200	0	-4	30703
590	668825	5590200	2	-4	30703
591	668850	5590200	-4	8	30703
592	668875	5590200	2	8	30703
593	668900	5590200	4	-2	30703
594	668925	5590200	2	-2	30703
595	668950	5590200	2	-6	30703
596	668975	5590200	2	-8	30703
597	669000	5590200	-4	3	30703
598	669025	5590200	0	8	30703
599	669050	5590200	1	7	30703
600	669075	5590200	3	-4	30703
601	669100	5590200	5		30703
603	668500	5590150	2	1	30703
604	668525	5590150	2	1	30703
605	668550	5590150	4	1	30703
606	668575	5590150	3	-3	30703
607	668600	5590150	-3	-3	30703
608	668625	5590150	-2	-1	30703
609	668650	5590150	-2	-2	30703
610	668675	5590150	-4	-7	30703
611	668700	5590150	-2	-2	30703
612	668725	5590150	3	9	30703
613	668750	5590150	4	-10	30703
614	668775	5590150	-3	-6	30703
615	668800	5590150	0	0	30703
616	668825	5590150	-5	9	30703
617	668850	5590150	2	5	30703
618	668875	5590150	2	-5	30703
619	668900	5590150	0	-1	30703
620	668925	5590150	-1	6	30703
621	668950	5590150	2	-2	30703
622	668975	5590150	3	-11	30703
623	669000	5590150	-4	-6	30703
624	669025	5590150	-2	-3	30703
625	669050	5590150	-5	-3	30703
626	669075	5590150	-4	9	30703
627	669100	5590150	-6		30703
629	668500	5590100	2	0	30703
630	668525	5590100	3	-6	30703
631	668550	5590100	-1	3	30703
632	668575	5590100	-2	3	30703
633	668600	5590100	-2	-8	30703
634	668625	5590100	-4	5	30703
635	668650	5590100	-4	-2	30703
636	668675	5590100	3	-5	30703
637	668700	5590100	7	-4	30703
638	668725	5590100	-5	-3	30703
639	668750	5590100	-5	12	30703
640	668775	5590100	4	-1	30703
641	668800	5590100	-2	1	30703
642	668825	5590100	0	1	30703
643	668850	5590100	3	-3	30703
644	668875	5590100	-4	2	30703
645	668900	5590100	4	-1	30703
646	668925	5590100	-3	0	30703
647	668950	5590100	2	-4	30703
648	668975	5590100	-1	-9	30703
649	669000	5590100	-4	0	30703
650	669025	5590100	-4	7	30703
651	669050	5590100	-1	0	30703
652	669075	5590100	0	1	30703
653	669100	5590100	-5		30703
655	668500	5590050	-4	15	30703
656	668525	5590050	8	-12	30703
657	668550	5590050	2	-15	30703
658	668575	5590050	-7	12	30703
659	668600	5590050	2	7	30703
660	668625	5590050	5	-13	30703
661	668650	5590050	-3	-13	30703
662	668675	5590050	-3	-5	30703
663	668700	5590050	-3	10	30703
664	668725	5590050	-1	2	30703
665	668750	5590050	0	-5	30703
666	668775	5590050	-2	-3	30703
667	668800	5590050	-4	3	30703
668	668825	5590050	-1	7	30703
669	668850	5590050	-2	9	30703
670	668875	5590050	4	3	30703
671	668900	5590050	2	-1	30703
672	668925	5590050	3	2	30703
673	668950	5590050	2	4	30703
674	668975	5590050	5	-9	30703
675	669000	5590050	4	-20	30703
676	669025	5590050	-6	-7	30703

70	668604	5589932	-12	10.7	-4	
71	668618	5589949	-10	10.6		
72	668630	5589967	-12	10.5		
73	668641	5589983	-12	10.2	25	
74	668653	5590002	-9	10.5	9	
75	668663	5590019	-12	10.5		
76	668672	5590034	-10	10.3		
77	668683	5590055	-8	10.6	7	
78	668688	5590076	-10	10.9		
79	668694	5590097	-13	11	12	
80	668702	5590119	-14	11.2		
81	668710	5590138	-11	10.7	20	
82	668719	5590158	-10	11.4		
83	668729	5590176	-11	11.6		
84	668740	5590195	-8	11.5	9	
85	668747	5590215	-16	11.2		
86	668753	5590235	-12	11.6		
87	668755	5590256	-8	12.6		
88	668758	5590278	-9	12.3		
89	668756	5590301	-8	12.6	6	
90	668758	5590322	-1	13.6	7	
91	668762	5590341	1	12.9	-1	
92	668769	5590359	3	12.7	5	
93	668776	5590377	5	13.1	-4	
94	668782	5590396	11	12.5		
95	668789	5590416	3	12.4	1	
96	668795	5590432	7	13	-8	
97	668805	5590454	3	13.1	-3	
98	668812	5590473	2	12.2	0	
99	668822	5590493	1	11.8	-3	
100	668834	5590513	0	13.5	-5	20 m – 2 km marker
101	668843	5590528	-4	12.1	3	
102	668850	5590549	-1	11.6	3	
103	668861	5590568	0	12.1	-2	
104	668870	5590588	-1	11.6	3	
105	668877	5590607	6	11.6	-18	
106	668880	5590630	8	11.8		
107	668880	5590650	6	11.1		
108	668876	5590672	6	10.7		
109	668870	5590692	5	10.5		
110	668865	5590710	0	10.6		
111	668856	5590732	1	10.2		
112	668848	5590751	1	10.5		
113	668839	5590770	-2	10.4		
114	668832	5590791	-4	10.6		
115	668823	5590811	-3	10.6		
116	668815	5590830	-3	10.4		
117	668807	5590850	1	10.7		
118	668798	5590871	-2	13.6		
119	668790	5590890	-3	10.7		
120	668782	5590910	-11	11		18 m – 1.5 km marker
121	668776	5590932	-2	10.7		
122	668773	5590950	-2	10.6		
123	668772	5590973	-5	10.6		
124	668774	5590994	-4	10.9		
125	668775	5591013	-4	10.8		

1	668426.57	5591204.12	10		
2	668403.21	5591204.79	13		-29
3	668375.84	5591202.79	16		-9
4	668351.14	5591199.45	16		16
5	668323.77	5591200.79	-3		49
6	668302.41	5591200.79	-14		38
7	668273.71	5591200.12	-11		-4
8	668247.67	5591200.12	-2		-27
9	668225	5591200.12	4		-21
10	668198.27	5591201.45	4		-8
11	668174.24	5591200.12	6		-8
12	668151.41	5591201.43	10		-11
13	668133.42	5591201.43	11		
14	668595.14	5590148.86	2		-9
15	668579.05	5590153.01	2		-6
16	668549.48	5590151.45	0		5
17	668523	5590149.9	1		-1
18	668496	5590148.34	0		2
19	668476.33	5590149.9	1		-1
20	668443.65	5590149.38	2		-5
21	668423.94	5590150.94	4		1
22	668395.63	5590148.31	-2		4
24	668353.64	5590148.83	4		-7
25	668326.16	5590151.94	5		-5
26	668296.09	5590147.79	2		-1
27	668277.94	5590148.31	8		-9
28	668246.31	5590146.76	8		-8
29	668223	5590150.9	10		-3
30	668201.21	5590142.61	9		5
31	668173.9	5590148.34	4		5
32	668149.52	5590148.86	10		-5
33	668124.62	5590148.86	8		-4
34	668098.68	5590150.42	10		-2
35	668076.37	5590149.38	10		-6
36	668048.35	5590151.46	14		-11
37	668025	5590149.9	17		-4
38	667999.07	5590153.01	11		22
39	667975.2	5590150.94	-2		34
40	667949.26	5590150.42	-4	12	14
41	667923.56	5590150.91	-1	11.5	-3
42	667909	5590152.98	-2	12	-11
43	667901.26	5590115.14	7	12	
44	667872.23	5590114.1	-1	12	
45	667849.42	5590124.99	6	10.9	
46	667817.79	5590148.84	8	11.4	-18
47	667798.09	5590155.58	7	10.1	-11
48	667771.13	5590154.02	10	10.9	4
49	667748.32	5590151.95	1	11	18
50	667725	5590149.36	-2	10.8	18
51	667699.58	5590156.1	-5	10.6	11
52	667675.73	5590153.5	-7	10.6	-3
53	667648.25	5590148.84	3	9.9	-21
54	667625.44	5590152.47	6	9.8	-11
55	667597.45	5590149.87	1	10	0
56	667576.77	5590149.9	8	9.6	-8
57	667548.76	5590149.9	7	10.5	-4
58	667524.89	5590147.82	6	11	3
59	667499	5590150.42	6	11	5
60	667477.68	5590150.94	2	11.2	8
61	667450.71	5590151.46	2	11	5
62	667422.69	5590151.97	1	11	3
63	667403	5590152.49	0	10.5	2
64	667375	5590151.46	1	10.4	-3
65	667354.21	5590154.05	3	10.5	
66	667350.06	5590199.7	-2	10.9	
67	667373.93	5590201.78	0	10.8	8
68	667397.79	5590203.34	1	10.6	7
69	667424.25	5590199.18	5	10.6	-4
70	667449.15	5590200.22	3	10.6	-14
71	667475.61	5590198.67	-1	10.6	-3
72	667502.07	5590202.3	-5	12.5	20
73	667523.86	5590202.3	4	12.4	25

677	669050	5590050	-5	1	30703
678	669075	5590050	-4	9	30703
679	669100	5590050	-6		30703
681	668500	5590000	0	3	30703
682	668525	5590000	2	11	30703
683	668550	5590000	2	2	30703
684	668575	5590000	-5	-2	30703
685	668600	5590000	-2	-8	30703
686	668625	5590000	-4	-9	30703
687	668650	5590000	-2	-22	30703
688	668675	5590000	-4	16	30703
689	668700	5590000	2	3	30703
690	668725	5590000	1	-8	30703
691	668750	5590000	0	-4	30703
692	668775	5590000	-5	4	30703
693	668800	5590000	2	2	30703
694	668825	5590000	-3	6	30703
695	668850	5590000	2	7	30703
696	668875	5590000	3	-7	30703
697	668900	5590000	3	-13	30703
698	668925	5590000	-5	-5	30703
699	668950	5590000	-2	-2	30703
700	668975	5590000	-5	4	30703
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702	669025	5590000	1	1	30703
703	669050	5590000	2	-8	30703
704	669075	5590000	-4	2	30703
705	669100	5590000	-1		30703
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710	666925	5589400	0	-12	31582
711	666950	5589400	-4	-4	31582
712	666975	5589400	-6	8	31582
713	667000	5589400	-2	12	31582
714	667025	5589400	0	12	31582
715	667050	5589400	4	5	31582
716	667075	5589400	6	-5	31582
717	667100	5589400	3	-6	31582
718	667125	5589400	2	-4	31582
719	667150	5589400	1	0	31582
720	667175	5589400	0	2	31582
721	667200	5589400	3	-2	31582
722	667225	5589400	0	2	31582
723	667250	5589400	1	5	31582
724	667275	5589400	4	-5	31582
725	667300	5589400	2	-10	31582
726	667325	5589400	-2	-6	31582
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729	667400	5589400	-3	5	31582
730	667425	5589400	-2	7	31582
731	667450	5589400	0	6	31582
733	666850	5589350	2		31582
734	666875	5589350	2	0	31582
735	666900	5589350	3	-4	31582
736	666925	5589350	1	-6	31582
737	666950	5589350	0	-5	31582
738	666975	5589350	-2	3	31582
739	667000	5589350	-2	7	31582
740	667025	5589350	3	3	31582
741	667050	5589350	0	6	31582
742	667075	5589350	4	3	31582
743	667100	5589350	5	-5	31582
744	667125	5589350	2	0	31582
745	667150	5589350	2	4	31582
746	667175	5589350	5	-1	31582
747	667200	5589350	3	-5	31582
748	667225	5589350	3	-6	31582
749	667250	5589350	0	-3	31582
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751	667300	5589350	0	2	31582
752	667325	5589350	2	2	31582
753	667350	5589350	0	4	31582
754	667375	5589350	4	-1	31582
755	667400	5589350	2	-3	31582
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762	666925	5589300	-4	1	31582
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773	667200	5589300	-4	0	31582
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781	667400	5589300	1	-2	31582
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796	667125	5589250	1	-6	31582
797	667150	5589250	1	-5	31582
798	667175	5589250	0	-10	31582
799	667200	5589250	-3	-4	31582
800	667225	5589250	-6	6	31582
801	667250	5589250	-1	9	31582
802	667275	5589250	-2	10	31582
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804	667325	5589250	3	1	31582
805	667350	5589250	3	-1	31582
806	667375	5589250	5	-6	31582
807	667400	5589250	0	-1	31582
808	667425	5589250	2	-2	31582
809	667450	5589250	2	-1	31582
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812	666875	5589200	0	-3	31582
813	666900	5589200	0	-4	31582
814	666925	5589200	0	-6	31582

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75	667575.47	5590200.14	14	11.5	-18
76	667599.39	5590199.08	14	10.9	-26
77	667622.25	5590200.99	-8	10.2	13
78	667648.92	5590198.87	10	10.2	3
79	667670.09	5590201.2	9	9.6	-24
80	667698.45	5590202.05	-4	10	-5
81	667727.66	5590197.6	-1	11.1	14
82	667751.37	5590194	1	12	15
83	667767.88	5590203.1	8	12.5	5
84	667870.54	5590201.2	7	12	-2
85	667900	5590198.45	7	11.5	-8
86	667925.36	5590198.66	6	11.1	-7
87	667950.34	5590200.99	0	11.5	12
88	667970.87	5590200.35	6	12.6	12
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91	668051.3	5590199.08	12	11	2
92	668075.43	5590199.29	12	10.4	-8
93	668100.2	5590200.14	8	10.4	-8
94	668126	5590197.39	8	10.4	-12
95	668151.21	5590199.93	4	10	-3
96	668173	5590199.51	0	10.9	16
97	668197.14	5590198.45	9	11.7	13
98	668222.75	5590201.62	11	11.3	1
99	668253.23	5590191.67	11	10.2	-2
100	668270.8	5590212.63	10	10.2	-5
101	668297.68	5590200.99	10	10	-8
102	668327.74	5590186.17	6	10.2	-8
103	668348.27	5590197.39	6	10.1	-8
104	668376.42	5590187.02	2	10	-2
105	668406.9	5590192.52	2	10.9	-4
106	668424.26	5590194	4	10.5	-9
107	668451.14	5590189.13	-4	10.9	1
108	668479.5	5590197.81	1	10.9	-3
109	668495	5590198.87	0	11	-8
110	668522.26	5590197.18	-1	11.3	3
111	668549.78	5590195.91	0	11.8	12
112	668575.81	5590199.08	-3	11.8	4
113	668598	5590195.91	-1	12.6	12
114	668448.31	5589989.43	0	14.1	2
115	668474.88	5589998.48	2	14.1	-1
116	668502	5590000.18	2	14.6	3
117	668522.37	5590004.13	3	15.4	11
118	668549.65	5589995.59	14	16.2	9
119	668567.74	5589997.28	23	14.2	-12
120	668598.25	5589998.98	18	13.6	-3
121	668619.15	5589996.72	12	11.1	-26
122	668649.66	5589999.54	11	10.4	-10
123	668609.55	5589949.25	8	10.2	4
124	668572.26	5589948.12	14	11.6	-31
125	668548	5589953.21	13	12.1	-21
126	668524.79	5589949.25	10	12.8	2
127	668503.64	5589946.46	15	13	-8
128	668486.94	5589952.08	16	14	0
129	668448.52	5589952.64	9	14	21
130	668424.22	5589948.69	1	13	22
131	668396	5589952.08	2	12.4	4
132	668385.24	5589959.99	4	12.3	-1
133	668350.77	5589949.25	0	12.3	10
134	668323.09	5589950.95	-4	12	10
135	668301.61	5589957.16	-2	10.4	-4
136	668272.8	5589952.08	2	11.1	-12
137	668250.76	5589951.51	4	10.5	-7
138	668229.86	5589945.3	3	10.2	0
139	668207.82	5589950.95	6	10.6	0
140	668178.44	5589950.38	3	10.6	1
141	668149.63	5589956.03	4	10.6	3
142	668132.68	5589958.29	6	10.6	9
143	668107.82	5589958.29	7	10.8	-14
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146	668025.89	5589950.38	7	10.8	1
147	667999.9	5589947.56	9	11	-9
148	667981.82	5589950.95	10	10.8	14
149	667946.79	5589950.38	9	11	-10
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151	667905.54	5589953.77	12	11	-2
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153	667924.75	5590002.93	12	11.1	2
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157	668025.32	5590003.5	6	10.5	8
158	668050.19	5590001.8	8	10.4	-2
159	668075.61	5590000.11	8	10.8	-5
160	668096.52	5590000.67	4	11	0
161	668128.16	5590000.11	7	11	4
162	668151.89	5589997.85	5	10	11
163	668175.05	5590000.11	10	10.4	10
164	668201.61	5590004.63	13	10.3	-1
165	668219.12	5589990.5	12	10.4	-4
166	668247.37	5589993.33	10	10	-9
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167	668265.45	5590002.37	11	9.4	-24
168	668297.66	5589991.63	2	8.8	-24
169	668318.57	5589986.55	-5	9.4	-3
170	668347.38	5589995.59	-6	10.9	11
171	668367.72	5589989.37	0	11.7	4
172	668386.37	5590008.02	0	11.5	-1
173	668415.75	5589996.72	-2	12.3	3
174	668446.26	5589997.85	1	12.8	2
175	668471.12	5589997.85	1	13.2	1
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177	668496.54	5590048.7	-4	12.5	1
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182	668502.19	5590098.42	-3	12.3	0
183	668472.81	5590100.68	-2	11.6	0
184	668451.91	5590110.85	1	11.2	-2
185	668419.14	5590107.46	1	11	-3
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187	668375.5	5590102.51	3	10.6	-3
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190	668299.17	5590096.29	6	10.8	-4
191	668278.26	5590100.25	6	11.5	2
192	668253.38	5590101.38	4	11.1	4
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194	668200.8	5590100.25	0	11.3	8
195	668175.93	5590100.25	0	11	0
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197	668122.22	5590097.99	2	11.4	0
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203	667974.38	5590104.49	8	13	2
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817	667000	5589200	-4	-3	31582
818	667025	5589200	-6	7	31582
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863	666850	5589100	1		31582
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874	667125	5589100	1	-4	31582
875	667150	5589100	0	-8	31582
876	667175	5589100	-2	-10	31582
877	667200	5589100	-5	-4	31582
878	667225	5589100	-7	6	31582
879	667250	5589100	-4	1	31582
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881	667300	5589100	-8	6	31582
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898	667775	5589400	8	-6	32253
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901	667850	5589400	-4	-6	32253
902	667875	5589400	0	-2	32253
903	667900	5589400	-4	-8	32253
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910	667575	5589350	-2	-2	32253
911	667600	5589350	-4	0	32253
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947	668000	5589300	2	10	32253
949	667550	5589250	0	3	32253
950	667575	5589250	3	-3	32253
951	667600	5589250	0	-1	32253
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206	667899.75	5590050.78	4	19	7	
207	667923.49	5590050.22	10	14.6	-13	
208	667955.15	5590046.26	13	13.1	1	
209	667978.9	5590048.52	12	13	-1	
210	667996.43	5590049.65	7	12.6	-11	
211	668024.13	5590050.22	4	12.5	2	
212	668047.31	5590049.65	6	12.6	0	
213	668072.18	5590050.78	4	12.5	0	
214	668096.49	5590051.91	6	13.1	5	
215	668121.94	5590053.61	4	13.1	2	
216	668145.12	5590051.35	11	11.7	-10	
217	668170.56	5590047.39	1	11.8	1	
218	668199.39	5590050.78	4	12.6	13	
219	668226	5590049.09	9	12.5	6	
220	668249.14	5590050.22	9	12.2	2	
221	668273.45	5590044.56	10	12.2	-6	
222	668311.9	5590048.52	10	11	-15	
223	668323.77	5590042.3	3	11.2	-11	
224	668349.21	5590048.52	2	11.3	-3	
225	668365.61	5590047.96	0	12.2	0	
226	668396.14	5590051.91	2	12.8	-4	
227	668424.4	5590061.52	0	13	-6	
228	668440.23	5590049.09	-2	14	-4	
229	668532.39	5589906.62	-10	11.9	5	
230	668501.86	5589891.35	11	11.7	-23	
231	668478.68	5589898.14	15	12.4	-3	
232	668452.11	5589884.57	16	12.7	-19	
233	668427.23	5589884.57	10	13.4	-8	
234	668400.09	5589903.79	6	13.2	16	
235	668371.26	5589919.05	4	12.9	9	
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237	668310.2	5589895.87	2	12.6	2	
238	668298.89	5589911.7	3	11.8	0	
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240	668248.5	5589901.79	4	11.8	-7	
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242	668194.83	5589889.36	7	12	-2	
243	668173.92	5589884.84	7	12.4	2	
244	668154.15	5589872.41	6	12	4	
245	668121.38	5589901.23	4	12.2	2	
246	668097.08	5589904.62	7	12.2	-1	
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248	668047.92	5589910.27	8	12	8	
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253	667959.78	5589944.17	7	11.4	-2	
254	667984.64	5589948.12	10	11.4	-11	
255	668002.16	5589950.38	10	12.2	7	
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257	668047.92	5589958.29	8	11.1	-1	
258	668074.48	5589956.03	4	12	0	
259	668097.65	5589956.6	6	10.9	-14	
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261	668147.37	5589950.95	4	11.2	2	
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267	668224.76	5589654.52	-2	179.5	8	
268	668205.28	5589652.82	-2	177.6	3	
269	668180.52	5589652.4	-2	177.6	2	
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271	668132.47	5589651.34	-4	191.6	-1	
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276	667978.16	5589652.19	0	180.5	1	
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279	667977.32	5589704.26	-6	124	8	
280	667998.48	5589704.89	-2	151.4	19	
281	668024.31	5589701.3	7	73.8	-16	
282	668053.31	5589702.14	-3	173.4	-10	
283	668074.68	5589707.86	-2	153.6	-1	
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287	668176.28	5589702.35	-4	175.5	-5	
288	668208.88	5589694.31	-4	174	3	
289	668226.45	5589697.27	-5	174	5	
290	668245.92	5589701.51	0	176	2	
291	668271.11	5589701.51	-4	162	4	
292	668284.23	5589754.42	-9	185		
293	668251.85	5589752.31	3	168	-9	
294	668222.43	5589757.6	-3	239	8	
295	668209.94	5589750.4	-2	239	7	
296	668179	5589755.48	-5	208	6	
297	668152.37	5589756.12	-6	211	5	
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299	668103.47	5589753.79	-8	174	2	
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301	668050.34	5589740.67	-4	100	-10	
302	668024.52	5589748.29	0	133	-10	
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304	668006.74	5589800.04	-6	218	-6	
305	668026.85	5589798.77	-6	161.5	-4	
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308	668103.68	5589801.52	-5	160	10	
309	668124.43	5589799.83	0	102	-7	
310	668152.37	5589799.62	-5	219	-7	
311	668177.34	5589802.79	-7	219	5	
312	668202.11	5589804.06	-5	177	6	
313	668227.72	5589805.75	-2	179	7	
314	668230.26	5589855.39	0	119		
315	668203.59	5589857.93	0	119	-3	
316	668179.25	5589857.72	3	119	0	
317	668154.69	5589859.83	-3	177	6	
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320	668071.72	5589853.48	-4	108	10	
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327	668226.15	5589593.31	6	14	-4	
328	668199.56	5589592.12	2	14	5	
329	668175.35	5589602.43	5	14	0	
330	668151.54	5589594.5	3	14	1	
331	668121	5589585.37	3	13.4	3	Small Pond
332	668099.15	5589592.51	2	13.3	-2	
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955	667700	5589250	0	1	32253
956	667725	5589250	5	-3	32253
957	667750	5589250	-2	2	32253
958	667775	5589250	4	2	32253
959	667800	5589250	1	2	32253
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965	667950	5589250	-2	9	32253
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980	667825	5589200	-2	-10	32253
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983	667900	5589200	-4	6	32253
984	667925	5589200	-2	12	32253
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994	667675	5589150	-2	-12	32253
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997	667750	5589150	-10	-1	32253
998	667775	5589150	-9	3	32253
999	667800	5589150	-10	8	32253
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1001	667850	5589150	-5	5	32253
1002	667875	5589150	-5	9	32253
1003	667900	5589150	-1	8	32253
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1005	667950	5589150	2	6	32253
1006	667975	5589150	4	-1	32253
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342	668132.1	5589554.81	2	13.8	5	
343	668151.54	5589546.87	6	13.2	3	
344	668171.78	5589552.03	5	13.2	1	
345	668199.56	5589547.67	6	12.8	1	
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392	668175.35	5589250.6	2	11.4	-7	
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409	668096	5589156.54	4	10.6	-3	Creek
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411	668150	5589151.78	2	10.8	5	Creek
412	668176.55	5589150.19	4	10.8	5	
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415	668252.35	5589145.83	2	10.5	-8	
416	668286.88	5589200.2	0	11	-2	
417	668274.18	5589198.22	2	10.8	0	
418	668250	5589200.6	-2	10.7	5	
419	668250.36	5589248.62	-4	11.5	2	
420	668274.97	5589249.81	-2	11.4	6	
421	668294.42	5589246.24	-2	11	4	
422	668323.39	5589301.4	-2	11.5		
423	668300	5589298.63	-2	11.2	7	
424	668276.42	5589301.02	-5	11	2	
425	668247.84	5589305.79	-1	11.6	-6	
426	668250.36	5589348.99	2	11	-3	
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440	668347.14	5589499.8	2	10		
441	668328.95	5589499.14	1	9.8	-3	
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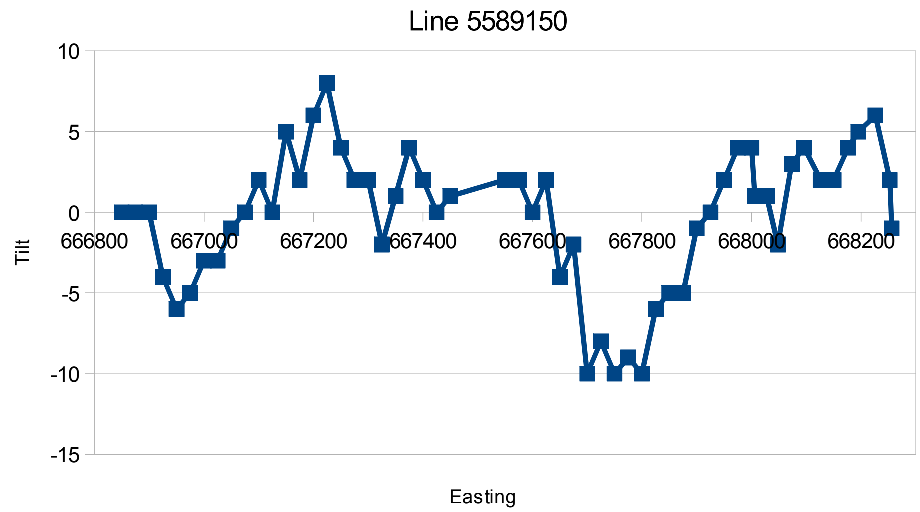
APPENDIX III

VLF-EM SURVEY PROFILES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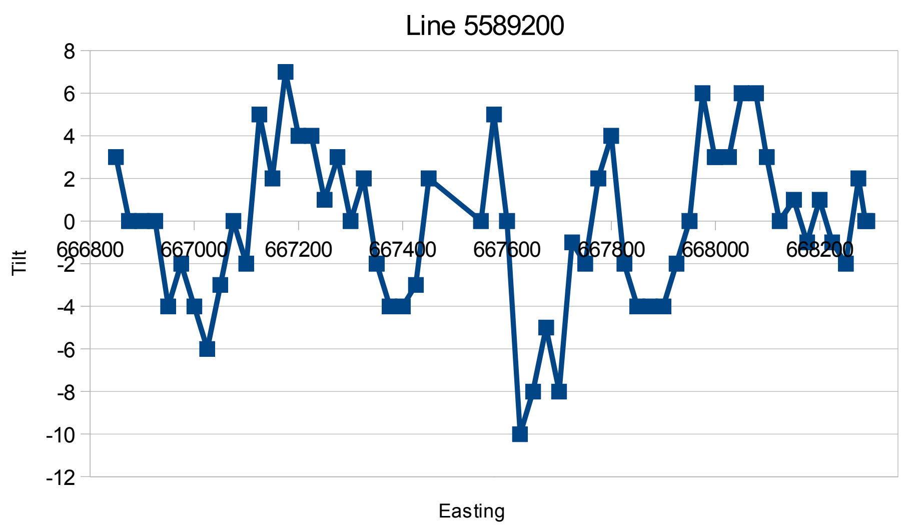
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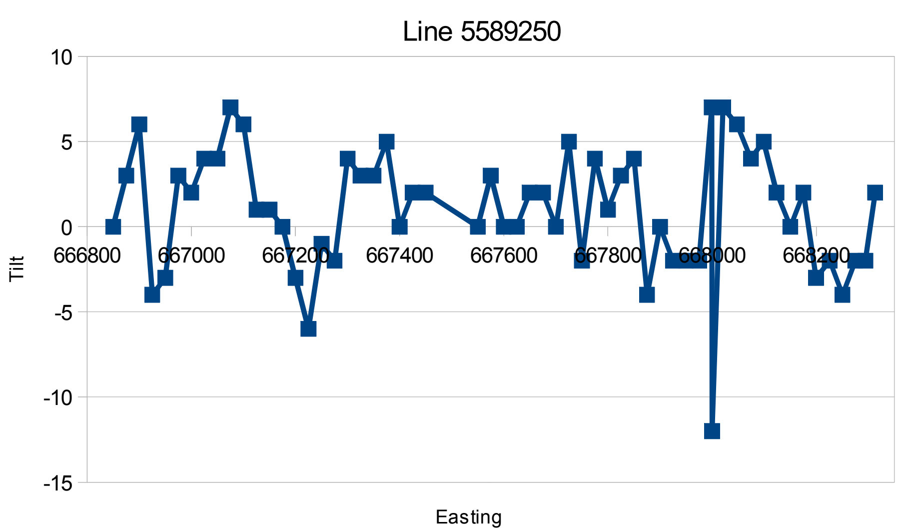
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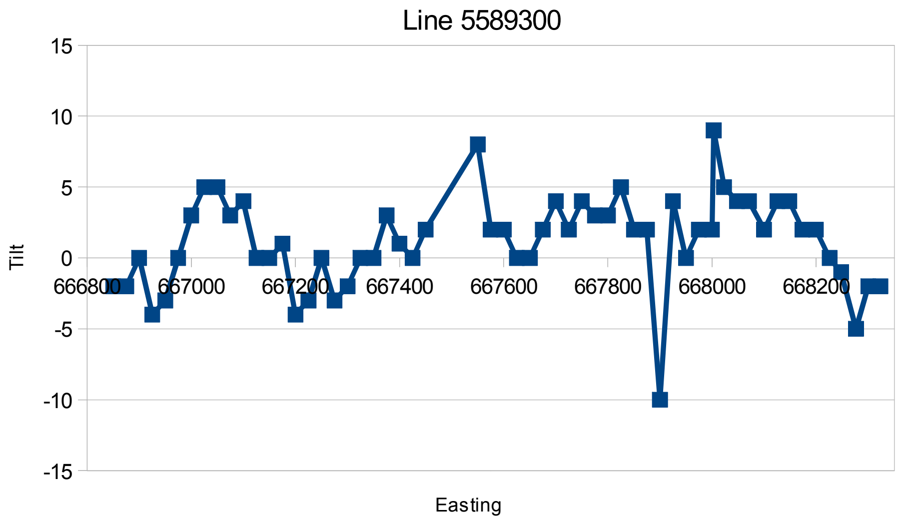
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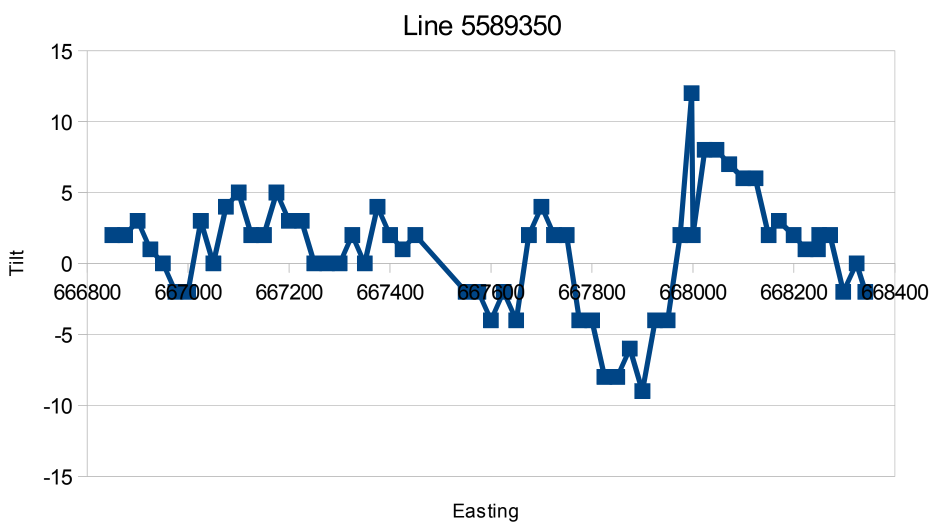
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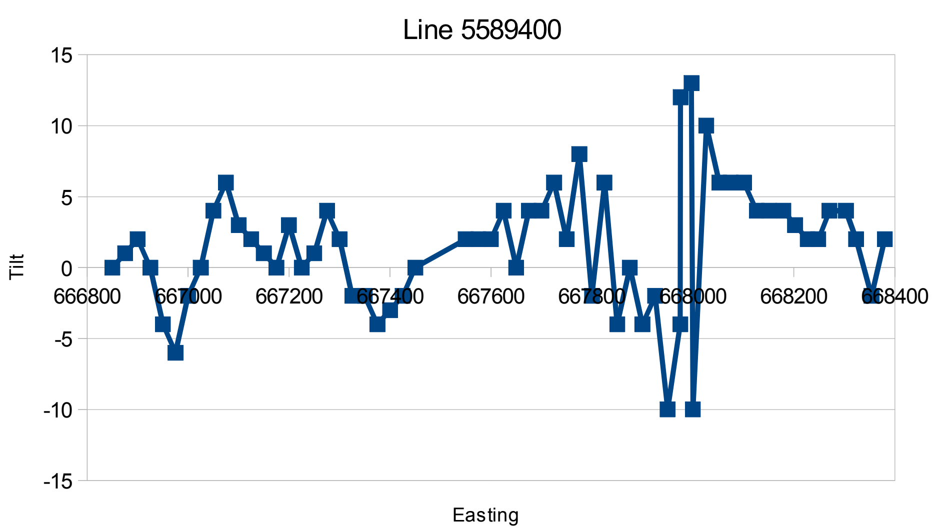
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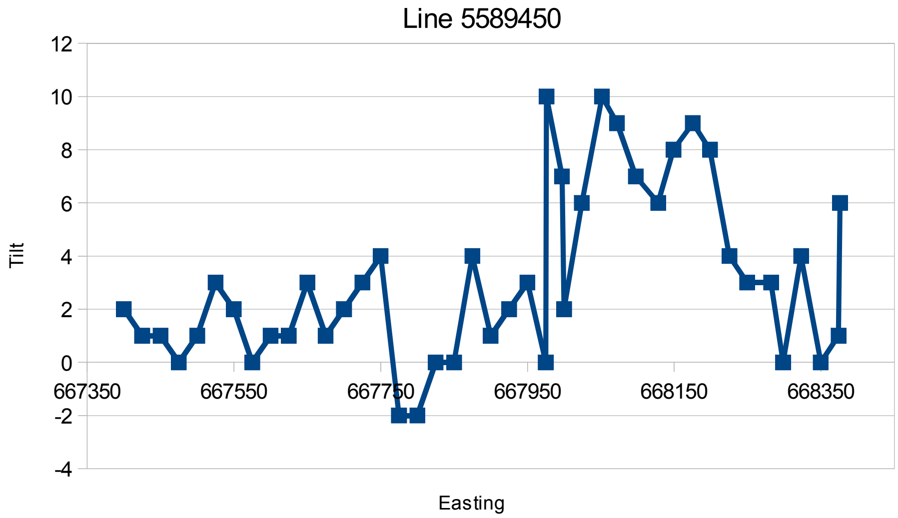
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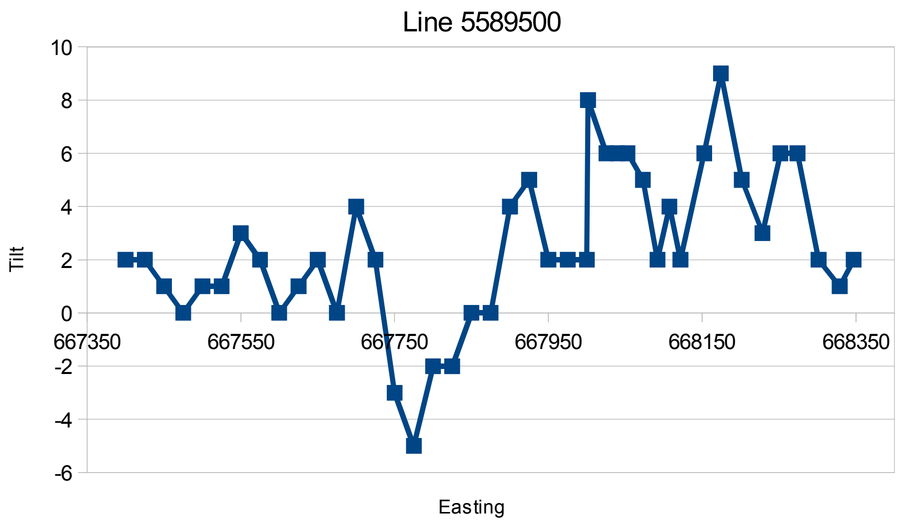
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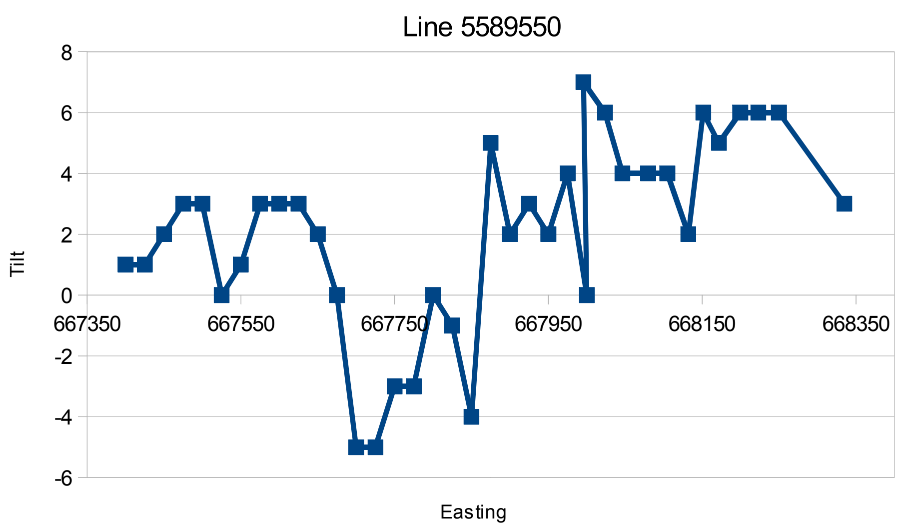
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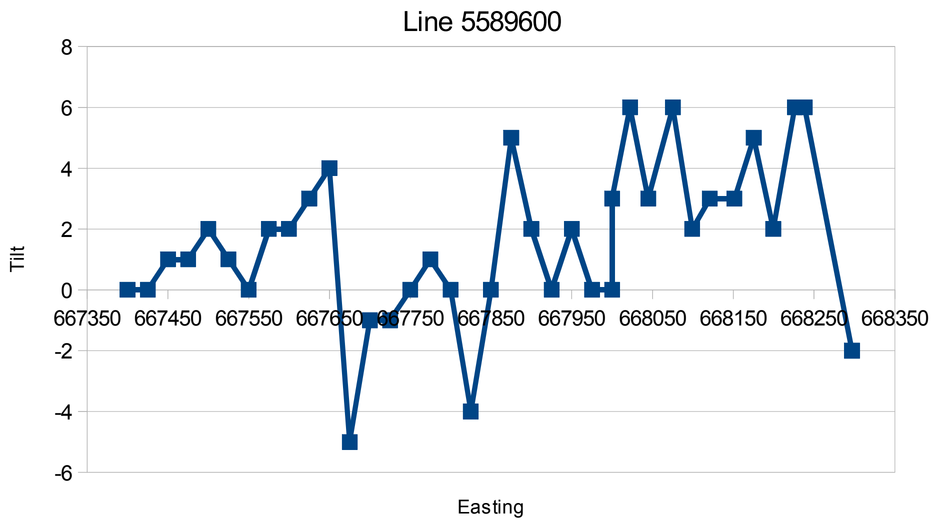
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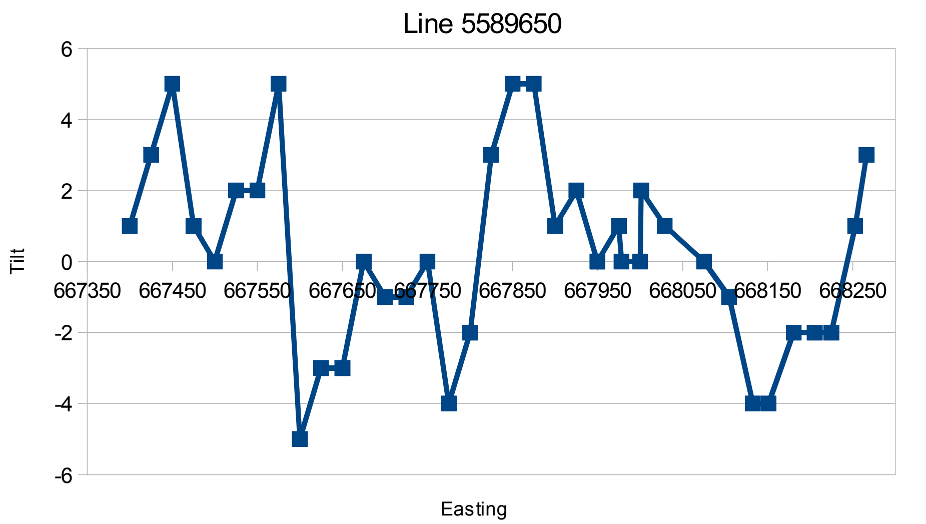
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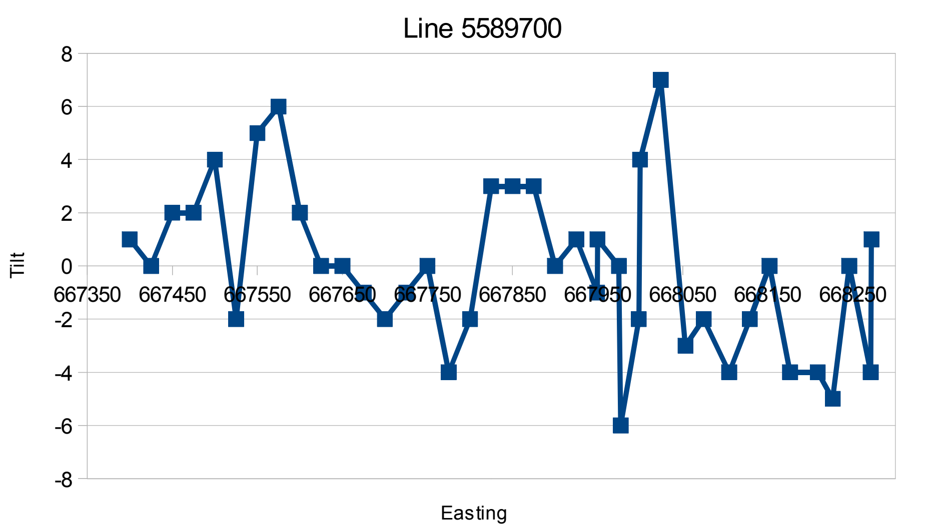
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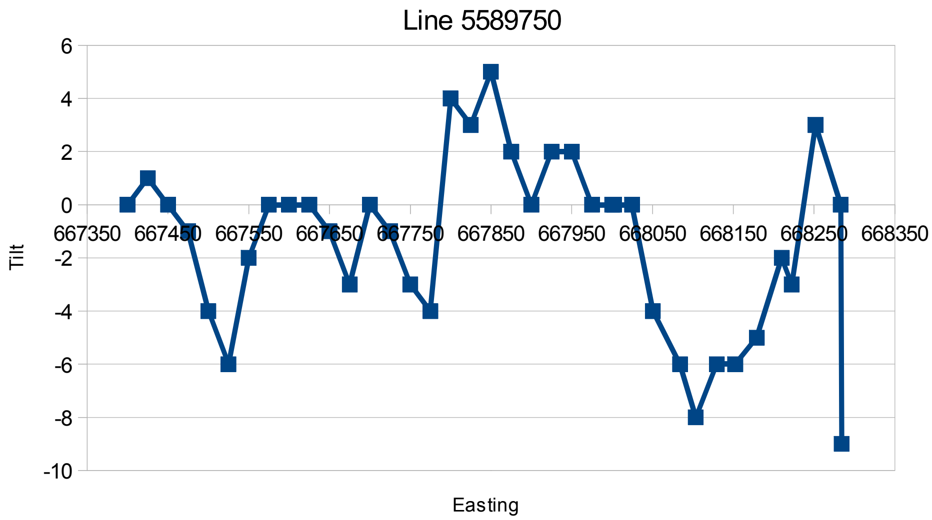
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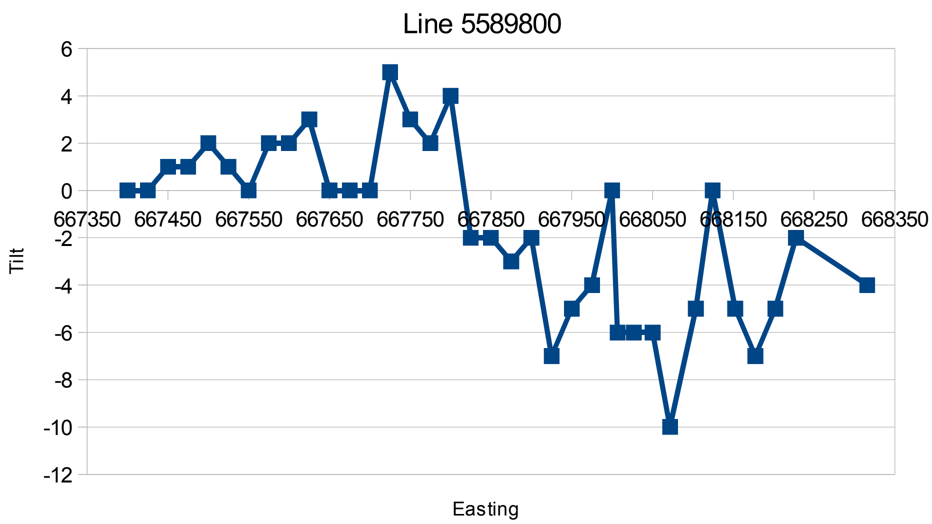
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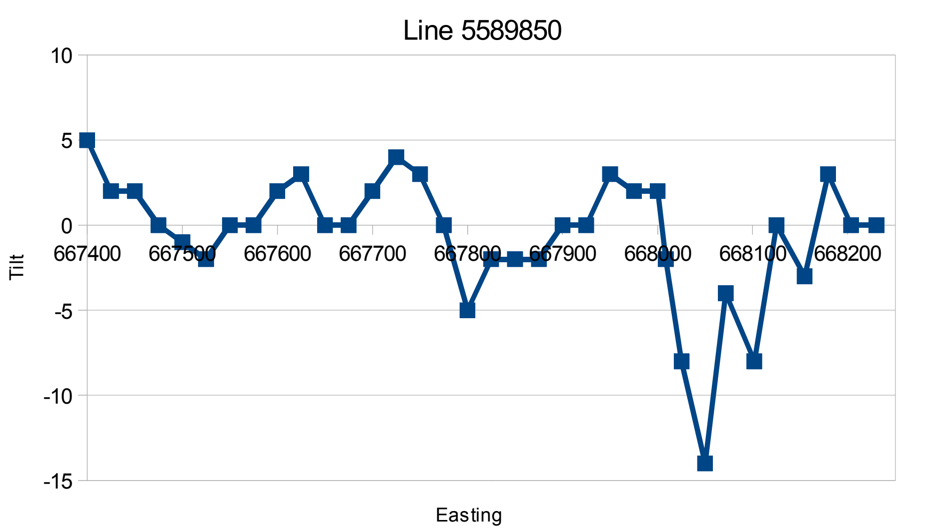
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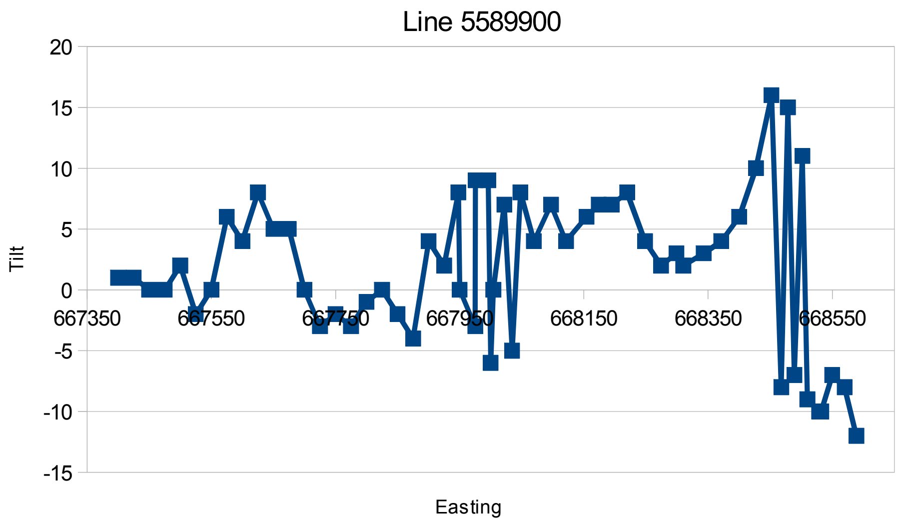
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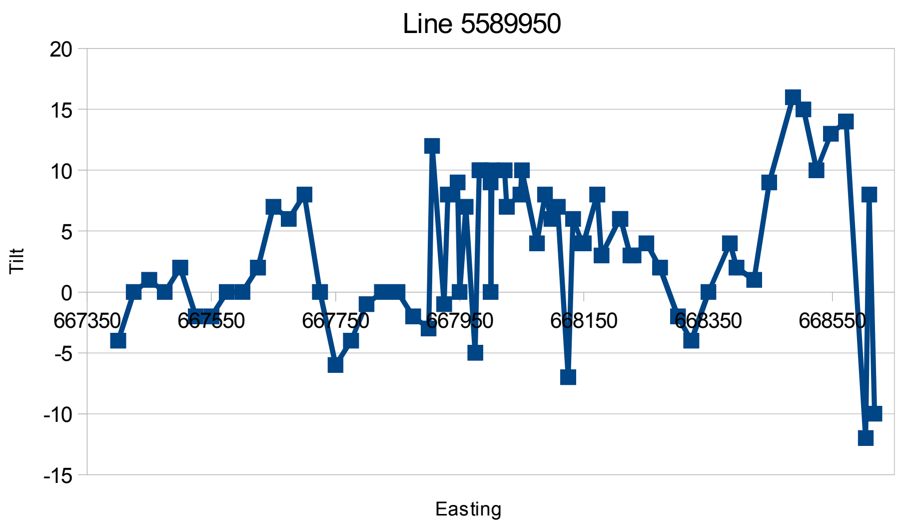
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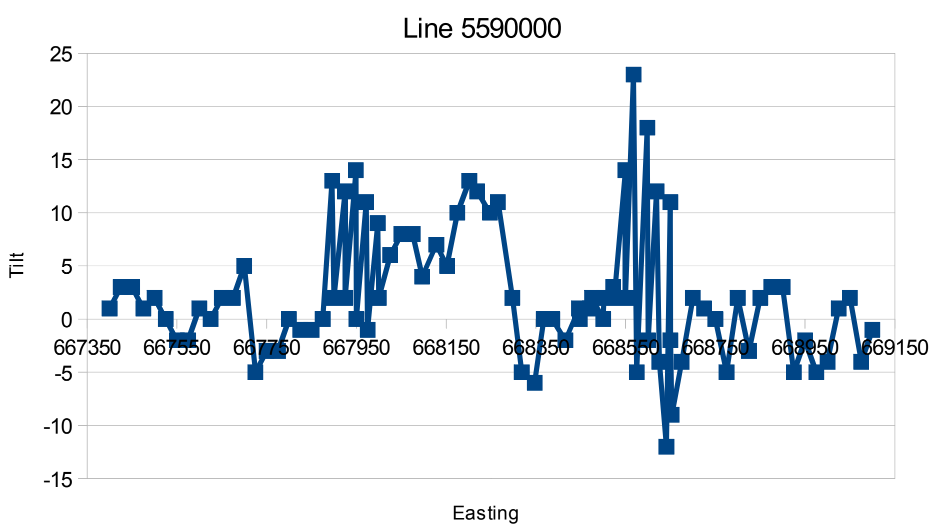
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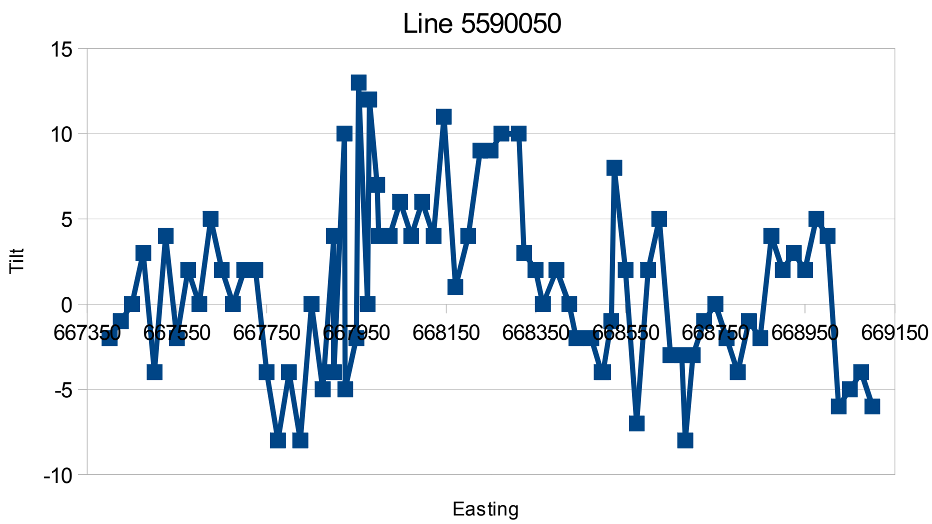
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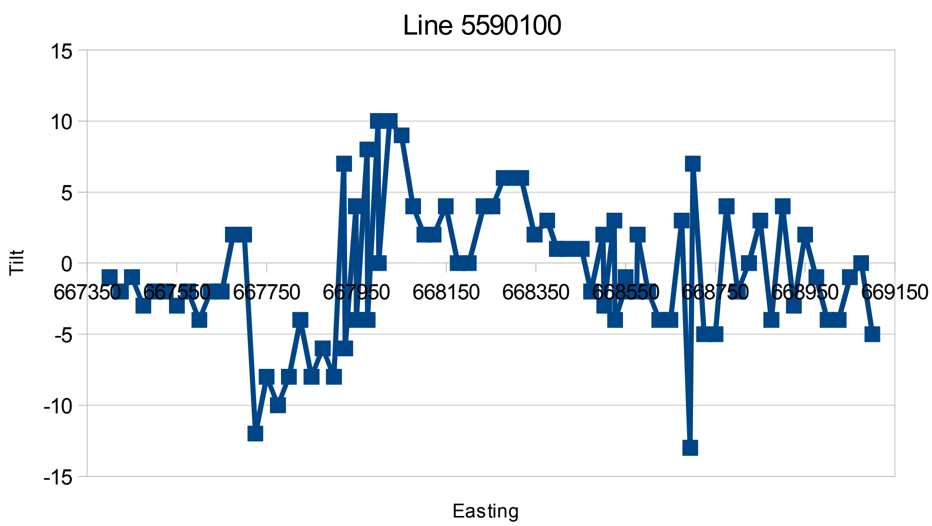
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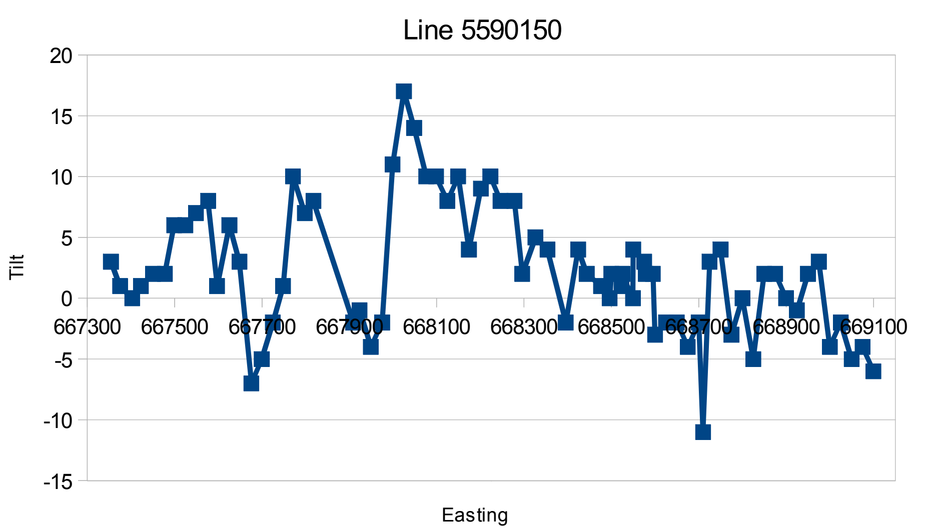
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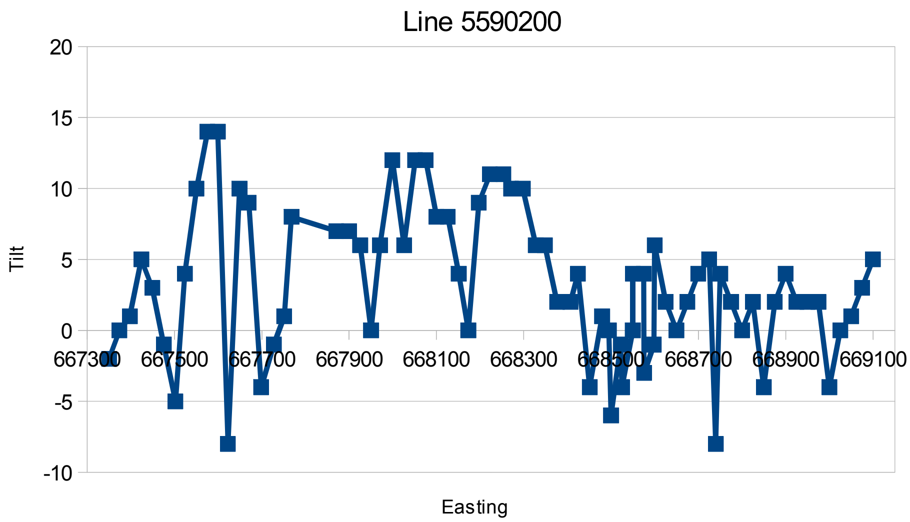

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Easting

APPENDIX IV

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

The following expenditures were incurred as part of the 2017 program on the Balto Property between June 1st and 24th, 2017 as described in the preceding report.VLF-EM survey of the SED claims.

Field Program

R. Walker, P. Geol. 6 days @ $800 / day	$	4,800.00
Field Assistant, 6 days @ $300 / day	$	1,800.00
Equipment Rental – Sabre 27 VLF-EM – 4 days @ $50 / day	$	200.00
4WD Truck – 6 days at $100 / day	$	600.00
Accommodations	$	455.40
Fuel	$	323.90
Meals – 12 man-days @ $70 / day	$	840.00
Miscellaneous - AA Batteries	$	16.77
Sub-Total	**$**	**9,036.07**

Report

Digitizing compiling historical VLF-EM Results / Soils / Report Writing

4.5 days @ $800 / day .... **$ 3,600.00**

Total **$12,636.07**