Multiple greenfields exploration targets identified at Cape Ray Gold Project

Highlights

- **Three high priority greenfield exploration targets identified at the Cape Ray Gold Project. All targets located less than 5km from Central Zone with no drilling completed at any of the targets (Image 1).**
- **Each target was identified through multiple exploration techniques, including structural geology, geophysics and soil geochemistry. These techniques have been used with success in identifying other major gold deposits along the Cape Ray shear in Newfoundland.**
- **Brownfields exploration strategy remains focused on growing the existing resource (1.02Moz Au at 2.2g/t Au[1]), specifically targeting the extensions at known resources which remain open.**
- **A regional exploration strategy across the total 65km package is currently being assessed.**

Matador Mining Limited (ASX: MZZ) ("Matador" or the "Company") is pleased to provide an update on the progress of its greenfields exploration program at the Cape Ray Gold Project ("Cape Ray") in Newfoundland, Canada. The aim of this program was to identify priority Greenfield targets to be further tested in the upcoming exploration season. This initial program has focused on the known mineralised area which covers approximately 14km of the total 65km package. This area was targeted as any new potential discovery could be combined with existing resources (1.02Moz at 2.2g/t Au) to deliver upon the Company's long-term production strategy of a centralised processing facility at Cape Ray.

As part of the program, multiple exploration techniques were used, including structural interpretation and mapping, geophysics and a soil geochemistry program. These techniques were selected as each had previously assisted in the identification of other gold deposits in Newfoundland, including the Company's 810koz Central Zone Project and the 4.2Moz Au Valentine Lake deposits.

Three high priority targets were subsequently identified from this program as highlighted in Image 1. Each target showed strong signatures under the various exploration techniques. These targets will be further explored as part of the 2Q19 exploration field season, the results of which will be used to refine the greenfield drill program planned for later in the season. No drilling has previously been completed at these targets.

Executive Director Keith Bowes commented:

The greenfield exploration potential at Cape Ray was a major aspect that first attracted the Company to the Project. Our initial assessment showed that the ground was highly prospective for further gold discoveries, despite the limited historical work completed across the majority of the 65km package.

[1] ASX announcement 30th January 2019. Matador confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 30th January 2019 and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the announcement of 30th January 2019 continue to apply and have not materially changed.

Whilst further work is required, we are very encouraged by the promise shown at each of the targets identified, given each exhibits strong signatures under multiple exploration techniques, that importantly were used to assist in identifying other gold occurrences throughout Newfoundland.

We look forward to the recommencement of work at site during 2Q19. The Company is currently finalising a detailed exploration program for the upcoming field season that will outline our brownfield, greenfield and regional exploration strategy.

High Priority Greenfield Exploration Targets

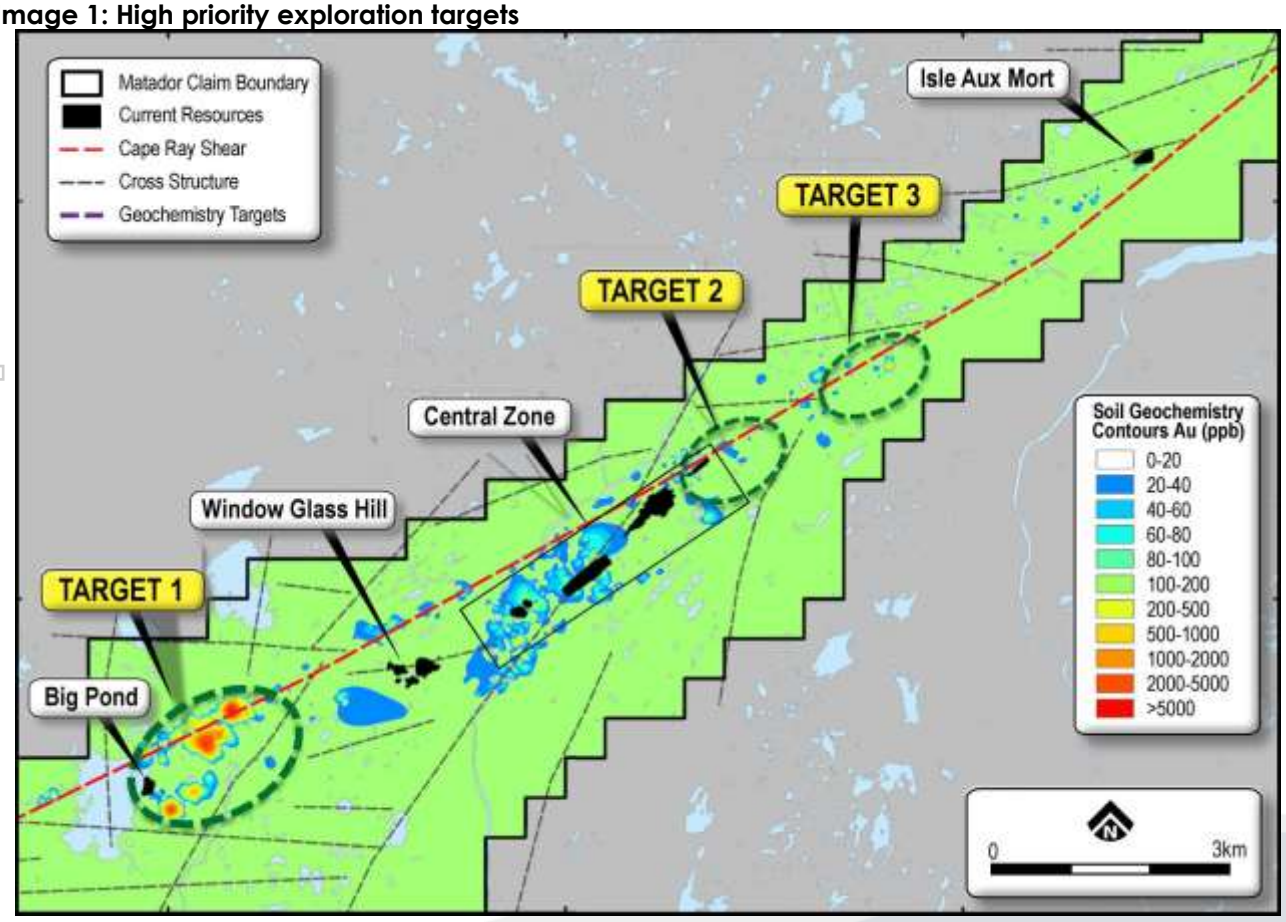
Structural geology and mapping have been used with great success throughout Newfoundland, as a large number of gold deposits discovered across the Province occur along either the main Cape Ray Shear or on second order structures (splays) off the main shear.

Matador engaged highly regarded structural geology consultants Terrane Geoscience, to undertake a structural analysis (using geophysical outputs) and mapping program to assist the Company in better understanding the structures that exist within its tenement package and how these structures control the mineralisation.

In conjunction with this work, a detailed geochemical program, which included both historical work and results from the 2018 field season were combined and analysed. The results from both the structural / geophysics and geochemical programs were overlaid to determine key areas of interest. This analysis identified three high priority targets as highlighted in Image 1 below.

These targets will be further explored at the recommencement of the field season to assist in further refining the drill program planned at each target for later in the year.

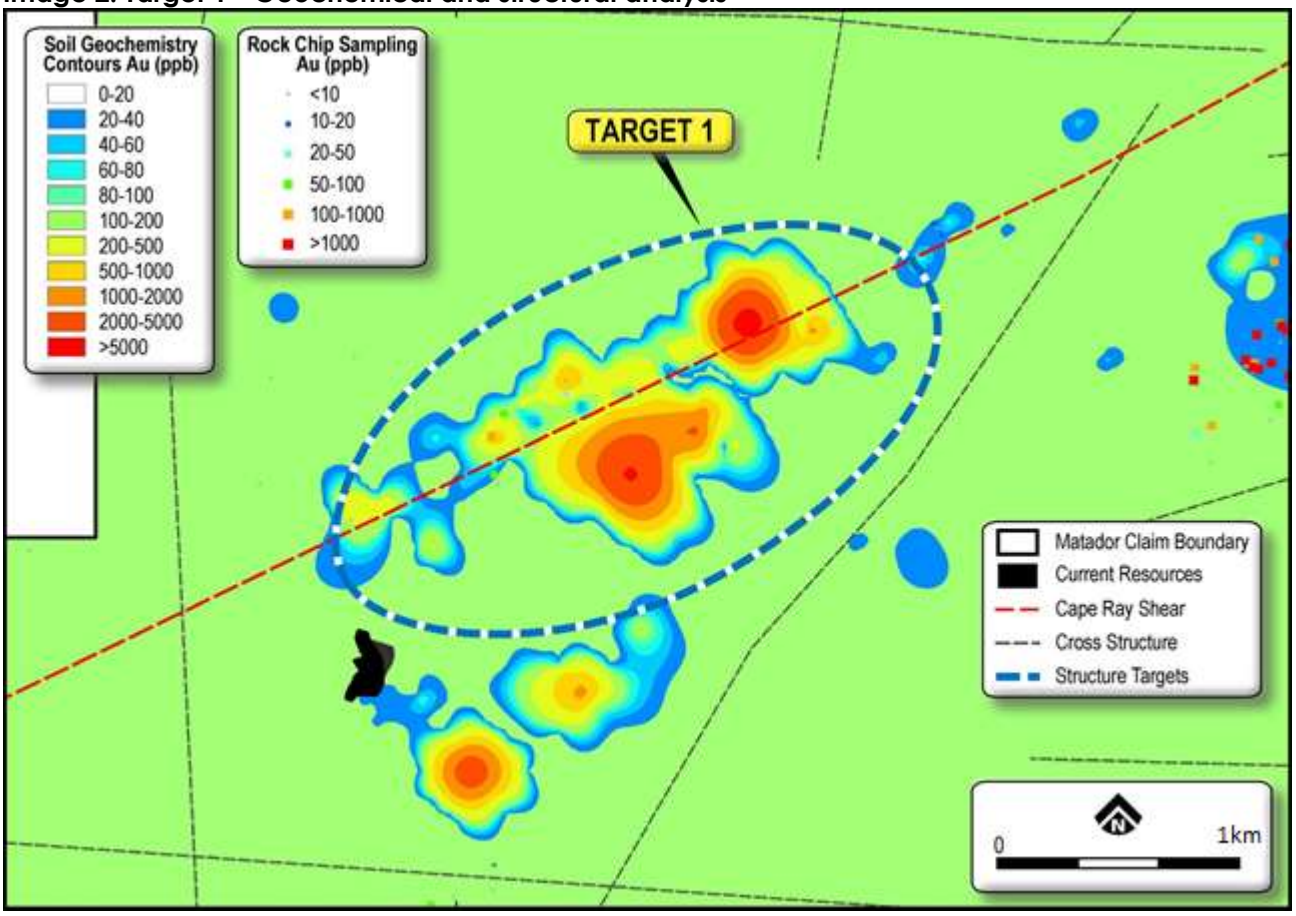
Image 1: High priority exploration targets



Target 1

Target 1 is located 1km to the east of the current resource at Big Pond. This target is characterised by a 1km strike length gold in soil anomaly of >500ppb Au and coincident with an area of multiple interpreted cross faults as highlighted in Image 2 below. On a local scale, the target is contained within an area of low magnetic response which is similar to that of the main Central Zone area. The target area is untested by drilling.

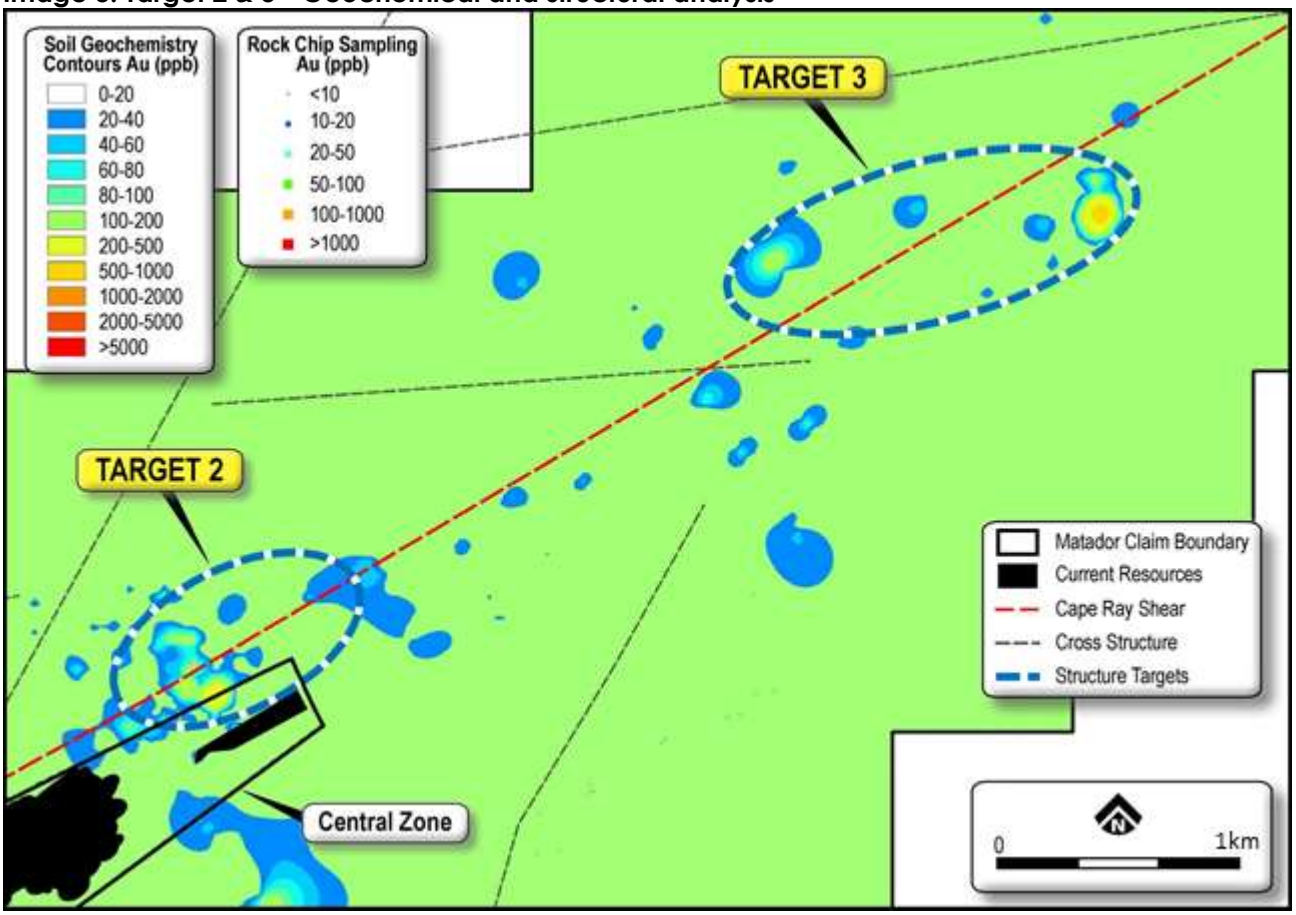
Image 2: Target 1 - Geochemical and structural analysis



Target 2

Target 2 is located 100m to the north of the Central Zone extension. This target is characterised by a 100m strike length gold in soil anomaly of >100ppb Au and again coincident with an area of multiple interpreted cross faults as highlighted in Image 3 below. The target area's close proximity to structures at Central Zone indicate a potential extension of mineralisation along strike to the east of the current defined resource. The target area is untested by drilling.

Image 3: Target 2 & 3 - Geochemical and structural analysis



Target 3

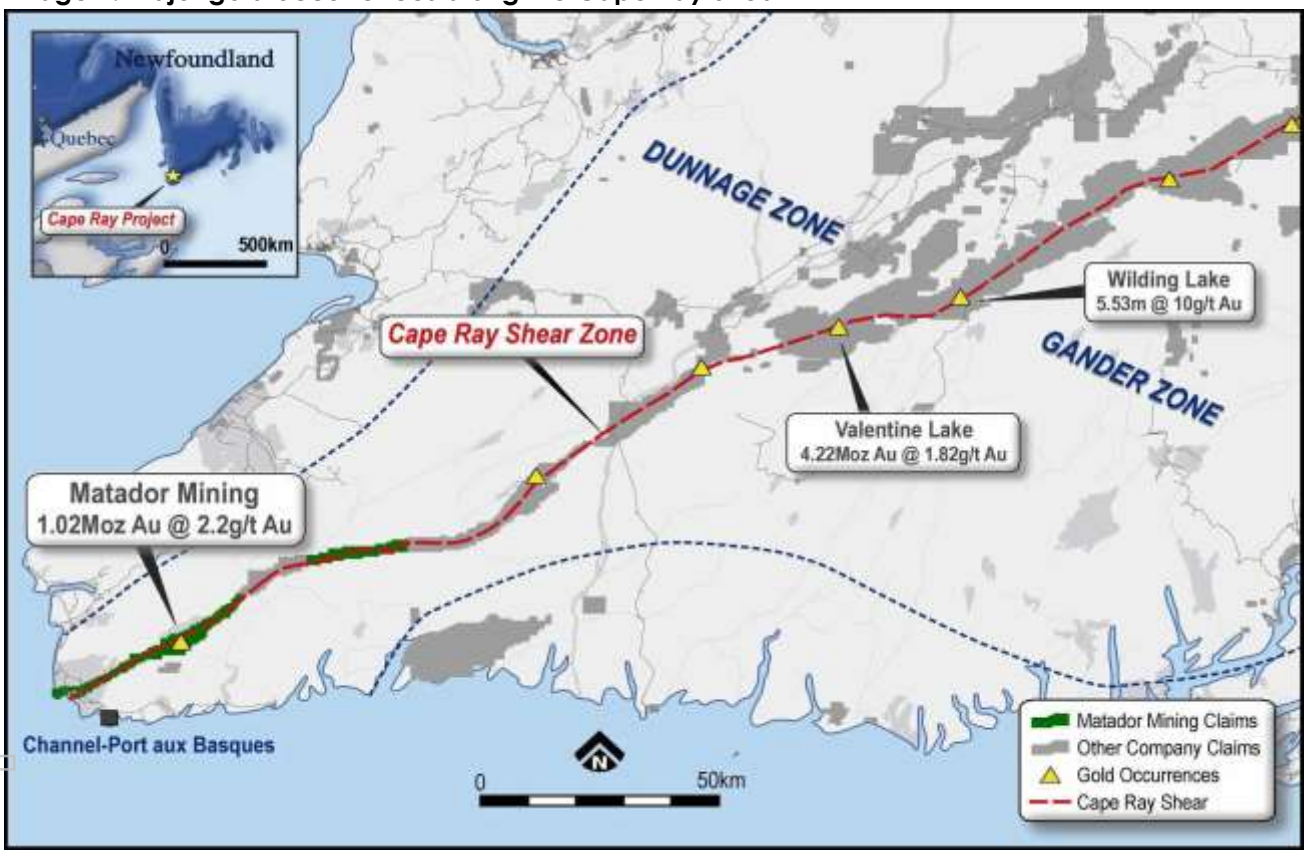
Target 3 is located 2.5km to the east of Central Zone. This target is characterised by a similar coincident soil anomaly of >100ppb Au over 100m and interpreted cross faults as highlighted in Image 3 above. The target is located along the continuation of the mylonite-hydrothermal breccia zone that hosts the eastern margin of the Central Zone resource. The target area is untested by drilling.

Cape Ray Shear - Structural geology overview

Matador's Central Zone Project has a JORC resource of 810,000oz Au at 2.6g/t Au (see Footnote 1, page 1) and is hosted in second order structures and splays off the main Cape Ray Shear. The Cape Ray Shear is a major structural boundary and is defined as the contact between the Dunnage and Gander tectonostratigraphic zones. The shear hosts a large number of the gold occurrences in Newfoundland, including the Valentine Lake deposit (4.22Moz Au at 1.8 g/t Au), which is hosted in rocks analogous to Matador's Window Glass Hill deposit.

In addition to the above-mentioned deposits, numerous high-grade gold intercepts have been encountered by exploration companies along the shear, including the Wildling Lake Project (5.35m grading 10g/t Au) and the Moosehead Project (11.9m at 44.96g/t Au). These high-grade gold occurrences and the Cape Ray shear are highlighted in Image 4 below.

Image 4: Major gold occurrences along the Cape Ray Shear



Structural geological analysis and mapping program

During the past field season, Matador engaged highly regarded structural geology consultants Terrane Geoscience, based in Halifax, Nova Scotia and led by Dr Stefan Kruse (Ph.D., P.Geo), to undertake a structural analysis and structural mapping of zones of interest along the Cape Ray Shear. The structural analysis comprised two phases of work:

- Phase 1 – Lineament interpretation of historical aeromagnetic geophysical data
- Phase 2 – Structural field mapping and rock chip sampling

The Phase 1 lineament interpretation was based on historical aeromagnetic data, with offsets of magnetic anomalies used to define cross structures and kinematics along the structures. Two sets of

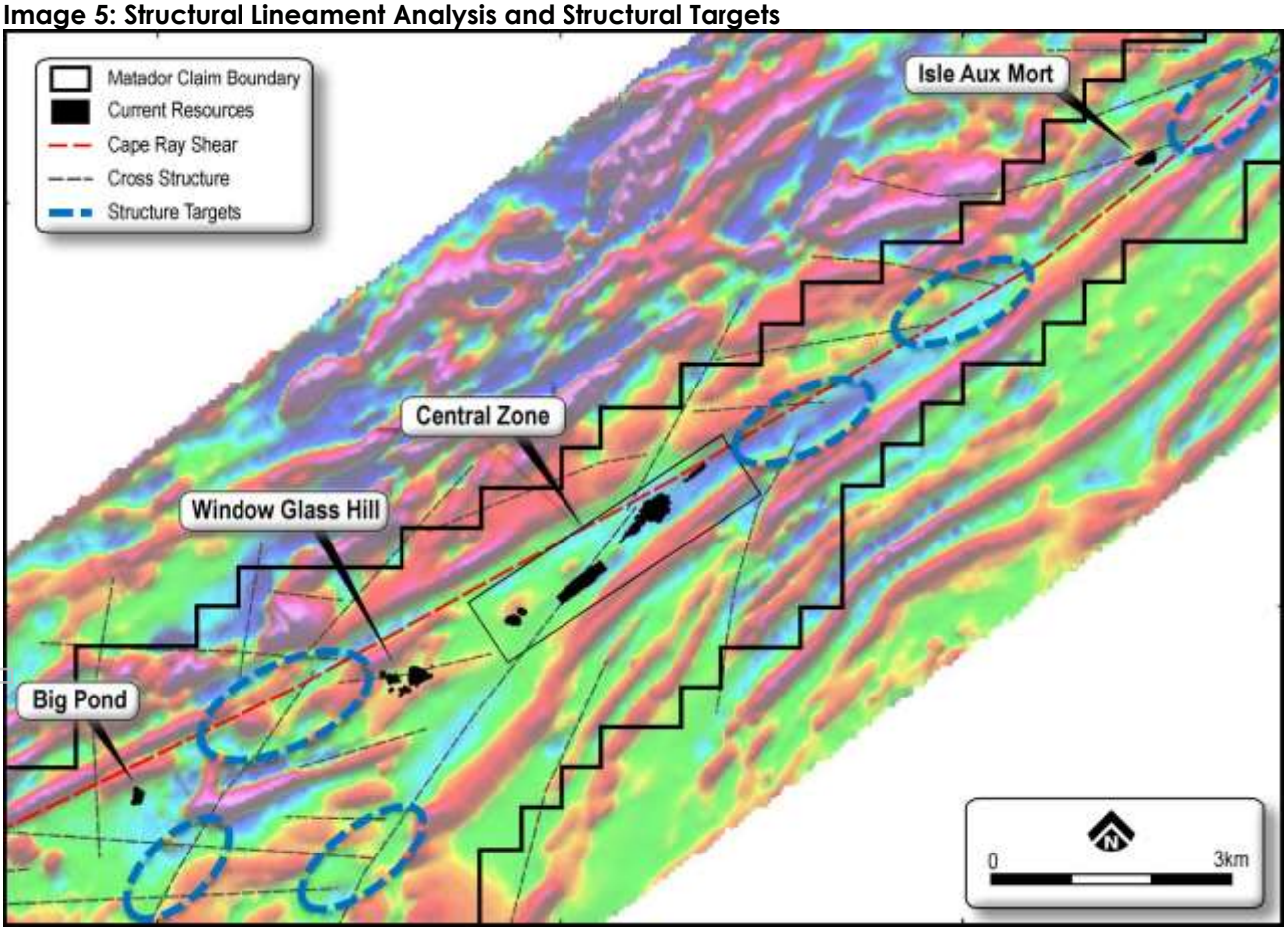
cross structures (NE-SW and E-W) were identified and are found adjacent to the all of the deposits which currently comprise Matador's gold resource of 1.02Moz Au (See Footnote 1, page 1).

Further structural targets were identified along the Cape Ray Shear where the cross structures intersect with the main shear. These intersections provide the potential pathways and traps for the mineralized fluids during deposition events.

The Phase 2 fieldwork component comprised structural mapping of the targets identified from alteration mapping and historical sampling. Fieldwork was conducted during October 2018. A total of 165 rock chip samples were collected during the mapping exercise to support the interpretation of the structural environment.

The fieldwork identified a number of potential targets as highlighted in Image 5 below. Four of these targets are located on major second order structures (similar to Central Zone) and the other two targets on cross structures similar to Window Glass Hill as well as the 4.2Moz Au Valentine deposit.

Image 5: Structural Lineament Analysis and Structural Targets

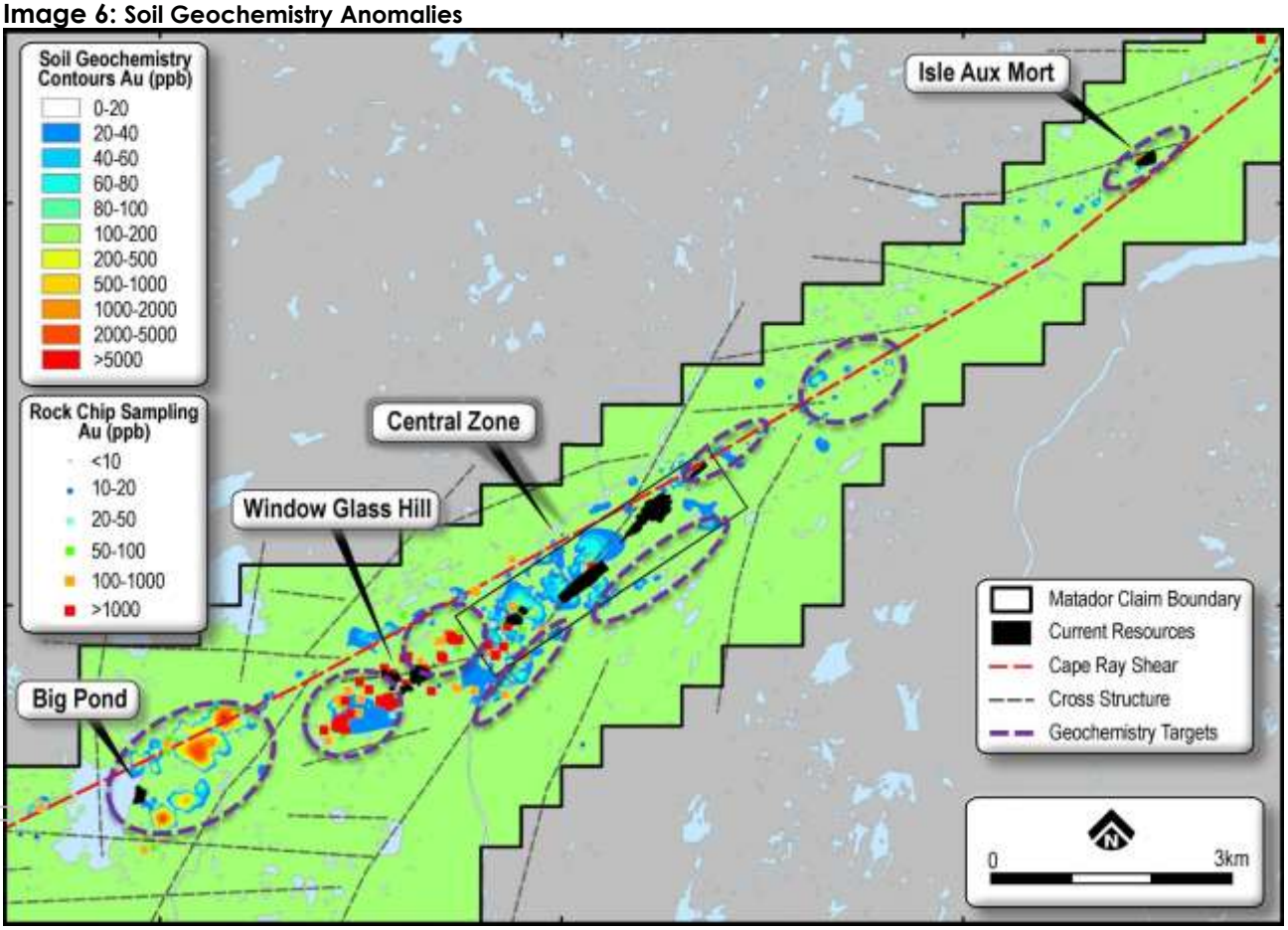


Geochemistry sampling and analysis

Geochemical analysis has identified several trends of gold in soil anomalies as highlighted in Image 6 below. Soil sampling grids were completed across the project area between June 2018 and October 2018 as an extension to historical soil sampling grids. A total of 1,453 extensional soil samples were collected on a 200m x 50m sample spacing, and a total of 159 infill soil samples were collected on a 25m x 50m spacing.

In addition, a large historical geochemical dataset of over 1,000 rock chip samples and 3,500 soil samples has been compiled to highlight additional anomalies that are yet to be tested by drilling. Image 6 below highlights the major soil anomalies identified to date.

Image 6: Soil Geochemistry Anomalies



Infill soil sampling at Target 2 located 100m to the north of the Central Zone extension (previously referred to as Anomaly A in the company's Drilling and Regional Exploration Update Announcement, 9th Nov 2018) was followed-up with infill sample lines that have confirmed the anomaly as representative of in-situ mineralisation as opposed to transported cover. Additionally, a brief ground-truthing exercise identified gossanous quartz veining containing up to 100ppm Zn.

Multiple anomalies of >100ppb Au in historical soil sampling were also identified in areas with no previous drilling and the nature of material also indicated it is representative of in-situ mineralisation.

A number of historical rock chips around Window Glass Hill have returned gold assays >500ppb in areas untested by drilling and represents growth opportunities for the Window Glass Hill resource.

About the Company

Matador Mining Limited (ASX: MZZ) is a gold exploration company with tenure covering 65km of continuous strike along the highly prospective, yet largely under-explored Cape Ray Shear in Newfoundland, Canada. Within the package is a 14km zone of drilled strike which hosts a JORC resource of 1.02Moz Au (14.25Mt at 2.2g/t Au) (see Table 1 below). The exploration opportunity at Cape Ray is extensive with only a small portion of the 65km strike drilled, and high-grade gold occurrences observed along trend. The Company is currently developing a large-scale exploration and project development program to unlock the value in this considerable package.

Table 1: CAPE RAY GOLD PROJECT, JORC 2012 Classified Resource Summary – Gold resource only

	Indicated			Inferred			Total		
	Mt	Au (g/t)	Koz (Au)	Mt	Au (g/t)	Koz (Au)	Mt	Au (g/t)	Koz (Au)
Central	7.69	2.7	660	2.03	2.3	150	9.72	2.6	810
Isle Aux Mort	-	-	-	782	2.4	60	0.78	2.4	60
Big Pond	-	-	-	111	5.3	18	0.11	5.3	18
WGH	-	-	-	3,635	1.2	134	3.63	1.2	134
Total	**7.69**	**2.7**	**660**	**6.56**	**1.7**	**360**	**14.25**	**2.2**	**1.02**

Note: reported at 0.5 g/t Au cutoff grade

To learn more about the Company, please visit www.matadormining.com.au, or contact:

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Competent Person's Statement

The information contained in this announcement that relates to exploration results, is based on, and fairly reflects, information compiled by Mr. Alfred Gillman, an employee of Odessa Resources and independent consultant to Matador Mining Limited. Mr. Alfred Gillman is a Fellow and Chartered Professional of the Australian Institute of Mining and Metallurgy and was engaged as a consultant to Matador Mining Limited to complete the JORC (2012) resource. Mr. Gillman has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Gillman consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Appendix 1 JORC Code, 2012 Edition Table 1

Section 1 Sampling Techniques and Data

	Explanation	Commentary
Sampling Techniques	Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	Matador Mining has completed rock chip sampling across various locations within the Cape Ray Gold Project property area.
	Aspects of the determination of mineralisation that are Material to the Public Report.	Rock chip samples are selected based on geological criteria (presence of quartz, sulphides). Rock chip samples up 0.5-1kg are dried, crushed and split. A 250g sub-sample is crushed/pulverised with Au determined by fire assay/AAS and a multi-element suit determined by ICP -MS
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	**No drilling activities undertaken**
Drill Sample Recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	**No drilling activities undertaken**
	Measures taken to maximise sample recovery and ensure	**No drilling activities undertaken**

	representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	**No drilling activities undertaken**
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	A description of geology and landforms is collected at each sample location
	The total length and percentage of the relevant intersections logged.	**No drilling activities undertaken**
Sub-Sampling techniques and sample preparation **If core, whether cut or sawn and whether quarter, half or all core taken.**	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Rock chip samples are dried, crushed and split. Original samples (~300g soils; 0.5-1kg rocks) are reduced to a 250g sub-sample, with 30g used for Au by fire assay/AAS finish, and 200g used for multi-element analysis by ICP-MS (MS (Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, In, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Se, Sn, Sr, Tu, U, V, W, Zn, Zr)
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sample size (0.5-1kg for rock chips) is industry standard and considered appropriate for the level of geological study. Sample preparation (drying, crushing, splitting, pulverising) and sample analysis (fire assay/AAS; multi-element ICP-MS) are industry-standard practice and carried out in an ISO-accredited laboratory.
	Quality control procedures adopted for all sub-sampling stages to maximise	All samples are homogenised prior to sub-sampling. Laboratory sub-sampling carried out to industry standards in ISO-accredited laboratory.

	representivity of samples.	
	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.	Rock chip samples are collected from in-situ material where possible. If no in-situ material is available, representative float is collected and samples flagged as grab samples. No field duplicates have been taken at this time.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	Samples are assayed at Eastern Analytical Ltd, Springdale NL, an accredited laboratory. Gold is assayed by fire assay/AAS finish, and a 32-element suite is assayed by aqua regia/ICP-MS finish. All laboratory sample preparation techniques and assay techniques are industry standard and considered appropriate to the nature of mineralisation.
	For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	No handheld XRF instruments, or downhole geophysical tools, or spectrometers were used during the sampling programs.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	No field duplicates or CRM have been submitted as part of the geochemistry sampling program. Accuracy of assays is verified by laboratory check samples and standards.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Geochemistry results are reviewed by company geologists. No external reviews of geochemistry results have been undertaken at this time.
	The use of twinned holes.	**No drilling activities undertaken**

	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All geological data is recorded on paper logging sheets and entered into spreadsheets. The spreadsheets are uploaded and validated in a central database. GPX files of sample grids are uploaded to GIS software.
	Discuss any adjustment to assay data.	No assay data was adjusted and no averaging was employed.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	Sample points are located using handheld GPS units with 3-5m accuracy.
	Specification of the grid system used	All sample points are recorded in UTM NAD 27 Zone 21 or UTM NAD 83 Zone 21, with appropriate conversions applied to ensure data operability.
	Quality and adequacy of topographic control	Not applicable.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Rock chip samples: variable spacing depending on geology
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Data spacing is considered appropriate to define low level geochemistry anomalies.
	Whether sample compositing has been applied.	No sample compositing has been applied.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known,	Sample lines are orientated at 320° azimuth, perpendicular to the main trend of geological units.

	considering the deposit type.	
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	**No drilling activities undertaken**
Sample Security	The measures taken to ensure sample security.	Soil samples are collected in pre-numbered paper bags and sealed with wire. Rock chip samples are collected in pre-numbered plastic bags with waterproof assay tags and sealed. Soil and rock chip samples are then placed in labelled rice bags and delivered direct to Eastern Analytical by Matador personnel, or collected by Eastern Analytical.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Laboratory QAQC data is reviewed for each sample submission. No reviews or audits have been completed at this stage.

Section 2 Reporting of Exploration Results

<table>
<tr><th>Criteria</th><th>Explanation</th><th>Commentary</th></tr>
<tr><td>Mineral tenement and land tenure status</td><td>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</td><td>Matador has entered into a Sale agreement to acquire an 80% initial interest in the Cape Ray Gold Project, which is located approximately 20km northeast of Port aux Basques, Newfoundland, Canada.
<table>
<tr><th>Licence No.</th><th>Known Deposit</th><th>No. of Claims</th><th>Area (km2)</th><th>Royalty*</th></tr>
<tr><td>017072M</td><td>Window Glass Hill (WGH) and 51</td><td>183</td><td>45.7</td><td>(a) & (b)</td></tr>
<tr><td>007833M</td><td>-</td><td>1</td><td>0.25</td><td>none</td></tr>
<tr><td>008273M</td><td>Isle aux Morts (IaM)</td><td>7</td><td>1.75</td><td>(c)</td></tr>
<tr><td>009839M</td><td>Big Pond (BP)</td><td>26</td><td>6.5</td><td>(c)</td></tr>
<tr><td>009939M</td><td>04 and 41</td><td>12</td><td>3.0</td><td>(c)</td></tr>
<tr><td>024125M</td><td>-</td><td>14</td><td>3.5</td><td>none</td></tr>
<tr><td>024359M</td><td>-</td><td>7</td><td>1.75</td><td>none</td></tr>
<tr><td>025560M</td><td>-</td><td>20</td><td>5.0</td><td>none</td></tr>
<tr><td>025854M</td><td>-</td><td>53</td><td>13.25</td><td>(d)</td></tr>
<tr><td>025855M</td><td>-</td><td>32</td><td>8.0</td><td>(d)</td></tr>
<tr><td>025858M</td><td>-</td><td>30</td><td>7.5</td><td>(d)</td></tr>
<tr><td>025856M</td><td>-</td><td>11</td><td>2.75</td><td>(d)</td></tr>
<tr><td>025857M</td><td>-</td><td>5</td><td>1.25</td><td>(d)</td></tr>
<tr><td colspan="2">Total</td><td>401</td><td>100.2</td><td></td></tr>
</table>
Refer to Announcement for Royalty Schedule
The most proximate Aboriginal community to the Project site is the Miawpukek community in Bay d'Espoir, formerly known as the "Conne River". It is approximately 230 kilometres to the east of the Project site. It is not known at this time if the Project site is proximate to any traditional territories, archaeological sites, lands or resources currently being used for traditional purposes by Indigenous Peoples. This information will be acquired as part of future environmental baseline studies.

The Crown holds all surface rights in the Project area. None of the property or adjacent areas are encumbered in any way. The area is not in an environmentally or archeologically sensitive zone and there are no aboriginal land claims or entitlements in this region of the province.
There has been no commercial production at the property as of the time of this report.</td></tr>
<tr><td></td><td>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</td><td>The claims are in good standing
Permits that will potentially be required for exploration work include a Surface Lease and Mineral Exploration Approval both issued by the Newfoundland Department of Natural Resources, Mineral Development Division. A Water Use Licence may also be required from the Newfoundland Department of the Environment and Conservation, Water Resources Division, as well as a Certificate of Approval for Septic System for water use and disposal for project site facilities.</td></tr>
</table>

Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	The Cape Ray Gold Deposit was initially discovered in 1977 by Rio Canada Exploration Limited (Riocanex). Since that period the area has been the subject of numerous academic and government geological studies, and exploration by various mining companies. Appendix 2 provides an overview of past exploration on the Cape Ray property.
Geology	Deposit type, geological setting and style of mineralisation	• The Cape Ray Project lies within the Cape Ray Fault Zone (CRFZ), which acts as a major structural boundary host the Cape Ray Gold Deposits consisting of the 04, the 41, the 51 Zones, Window Glass, Big pond and Isle Aux Morts. • The CRFZ is approximately 100km long and up to 1km wide extending from Cape Ray in the southwest to Granite Lake to the Northeast. • Areas along and adjacent to the southwest portion of the Cape Ray Fault Zone have been subdivided into three major geological domains. From northwest to southeast they include: the Cape Ray Igneous Complex (CRIC), the Windsor Point Group (WPG) and the Port aux Basques gneiss (PABG). These units are intruded by several pre- to late-tectonic granitoid intrusions. • The Cape Ray Igneous Complex comprises mainly large mafic to ultramafic intrusive bodies that are intruded by granitoid rocks. Unconformably overlying the Cape Ray Igneous Complex is the Windsor Point Group, which consists of bimodal volcanics and volcanoclastics with associated sedimentary rocks. The Port aux Basques gneiss is a series of high grade, kyanite-sillimanite-garnet, quartzofeldspathic pelitic and granitic rocks intercalated with hornblende schist or amphibolite. • Hosted by the Cape Ray Fault Zone are the Cape Ray Gold Deposits consisting of three main mineralised zones: the 04, the 41 and the 51 Zones, which have historically been referred to as the "Main Zone". These occur as quartz veins and vein arrays along a 1.8 km segment of the fault zone at or near the tectonic boundary between the Windsor Point Group and the Port aux Basques gneiss. • The gold bearing quartz veins are typically located at or near the southeast limit of a sequence of highly deformed and brecciated graphitic schist. Other veins are present in the structural footwall and represent secondary lodes hosted by more competent lithologies. • Gold bearing quartz veins at the three locations are collectively known as the "A vein" and are typically located at (41 and 51 Zones) or near (04 Zone) the southeast limit of a sequence of highly deformed and brecciated graphitic schist of the WPG. The graphitic schists host the mineralisation and forms the footwall of the CRFZ. Graphitic schist is in fault contact with highly strained chloritic schists and quartz-sericite mylonites farther up in the hanging wall structural succession. • The protolith of these mylonites is difficult to ascertain, but they appear to be partly or totally retrograded PABG lithologies. Other veins (C vein) are present in the structural footwall and represent secondary lodes hosted by more competent lithologies. • In the CRGD area, a continuous sequence of banded, highly contorted, folded and locally brecciated graphitic schist with intercalations of chloritic and sericite-carbonate schists and banded mylonites constitutes the footwall and host of the mineralised A vein. The banded mylonites are characterized by cm-wide siderite-muscovite-quartz-rich bands within graphitic chlorite-quartz-muscovite schist. The mylonites are commonly spatially associated with local Au-mineralised quartz veins, vein breccias (C vein) and stringer zones. • The graphitic schist unit becomes strongly to moderately contorted and banded farther into the footwall of the fault zone, but cm- to m-wide graphitic and/or chloritic gouge is still common. The graphitic schist unit contains up to 60% quartz or quartz-carbonate veins. At least three mineralised quartz breccias veins or stockwork zones are present in the

		footwall of the 41 Zone and these are termed the C vein. The thickness of the graphitic-rich sequence ranges from 20-70m but averages 50-60 m in the CRGD area. • The CRGD consists of electrum-sulphide mineralisation that occurs in boudinaged quartz veins within an auxiliary shear zone (the "Main Shear") of the CRFZ. The boudinaged veins and associated mineralisation are hosted by chlorite-sericite and interlayered graphitic schists of the WPG (Table 7.1), with sulphides and associated electrum occurring as stringers, disseminations and locally discrete massive layers within the quartz bodies. The style of lode gold mineralisation in the CRGD has a number of characteristics in common with mesothermal gold deposits. The relationship of the different mineral zones with a major ductile fault zone, the nature of quartz veins, grade of metamorphism, and alteration style are all generally compatible with classic mesothermal lode gold deposits.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length.	Sample location points and assay data are provided in Appendix 2 and 3.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated	Raw assay results are reported – no weighting or averaging is applied.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known,	**No drilling activities undertaken**

	its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	
Diagrams		Refer to body of announcement for figures.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All soil and rock chip sample results are provided in this release.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	**Metallurgical Testing** • 1981, Rio Algom retained Lakefield Research of Canada Ltd.to conduct metallurgical testing on a bulk sample from the Cape Ray 41-A vein. Three whole ore bench flotation tests were completed to produce a lead concentrate. An additional test of flotation of cyanide residue yielded 97% gold recovery and 84% silver recovery. Settling tests of cyanide leach residue displayed settling rates of 0.13-0.15 m/tonne of dry solids • 1989, Dolphin Explorations Ltd., wholly owned by Corona Resources Ltd., retained Lakefield for bench testing on a composite made from Cape Ray 51 and Cape Ray 04 deposits drill core rejects. The sample was subject to 12 cyanide roll tests at a grind size of 86% passing 200 mesh (74 µm). Gold extraction was 97% with a cyanide consumption rate of 0.6 kg/t and lime consumption rate of 1.0 kg/t lime. Settling test results of cyanide residue were 0.35 m2/tonne/day. Locked cycle tests were conducted to establish if recycling pre-aeration solution and barren solution would have an adverse effect on leach extraction. Once equilibrium was achieved 96.2% gold extraction was observed at a cyanide consumption rate of 0.4 kg/t. Cyanide destruction test revealed that both total and free cyanide levels can be reduced to less than 1 mg/L. • 2013, Benton Resources commissioned Met-Solve Laboratories Inc. in Langley, BC for test work on dense media separation (DMS) and gravity with a bulk trench sample from Cape Ray 51 deposit. The sample was subject to heavy liquid separation to determine the specific gravity (SG) cut point of the sample at two different crush sizes (-10 mm and -6.7 mm); dense media separation (DMS) at two different SG cut points (2.83 and 2.93) and gravity concentration on products. A Bond ball work index test was completed • 2014, Nordmin Engineering Ltd. selected ALS Laboratories of Kamloops, BC, under partnership with Benton Resources, who conducted tests consisting of whole ore flotation, whole ore leach and gravity recoverable gold on Cape Ray 04 deposit, Cape Ray 51 deposit and a grab sample from a stockpile drawn from the Cape Ray 41 deposit. The bulk sampling program

		included drilling two diamond drill holes and sampling the complete core from the holes. • The Cape Ray 04 and the Cape Ray 51 composite samples were tested for flotation response. Grind size for the samples was 80% passing 95 µm for 04 and 80% passing 98 µm for the 51 deposit. Overall rougher and cleaner recoveries for the 51 deposit 95% for gold, 89% for silver, 60% for lead, 52% for zinc and 92% for copper. Both Cape Ray 04 and 51 showed good recovery for gold in the bulk rougher stage. For 04, this value was a 91% recovery and for the 51 sample, 75% gold was recovered. • For the three samples, gravity recovery was between 73 and 86%. Silver gravity recovery was not as good with a range of 33-49% for the three samples. • Each sample as subjected to bench scale bottle roll cyanide leach test on whole ore. The samples were sparged with oxygen and lime was used for pH adjustment targets of 11-11.5. The samples were leached for a total of 48 hours with the liquor sampled at hour 2, 6, 24 and 48. Grind sizes (K80) were between 95-105 µm. Initial sodium cyanide concentrations of 1,000 ppm were used for all samples. However, due to the higher consumption rates of the 51 deposit, three additional tests at 750 ppm, 500 ppm, and 250 ppm were conducted to observe the effect on gold and silver extraction. At 24 hours, there is a greater than 96% extraction of gold for all samples except the 250 ppm concentration. The highest silver extraction was with the Cape Ray deposit 04 at 70-74%, and the lowest was the Cape Ray 41 stockpile sample at 50-52% extraction. The Cape Ray deposit 51 achieved 62- 64% extraction, even at the lower sodium cyanide concentrations. The addition of 200 ppm PbNO3 to aid in increasing the silver recovery but did not show any significant effect. • QUEMSCAN results indicate Chalcopyrite is the primary copper bearing mineral with minor amounts of bornite and chalcocite and trace amounts of covellite and tennantite/enargite. The sulphide content measured 2.7 wt% for the 04 and 2.2 wt% for the 51 deposit. Liberation of the copper minerals in the two-dimensional field was 41% for 90 µm K80 primary grind for the 04 deposit. This was higher for the 51 deposit which showed 70% liberation for copper minerals at 111 µm K80. This indicates that there is availability for optimization of the target grind size should flotation be the primary recovery method, as a target of 50-55% liberation is recommended for performance. In the Cape Ray 04 composite, there was evidence of chalcopyrite disease, which is when very fine grains of chalcopyrite are dotted within a sphalerite particles making liberation of both minerals difficult at all grind sizes. Galena liberation was 55% for the sample**s** Additional details regarding all historical exploration activities can be located in the aforementioned NI 43-101 repots available on SEDAR.
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Further soil and rock chip sampling is planned across newly identified target areas.

Appendix 2. Rock chip sample location and assay data

SampleID	NAD27_East	NAD27_North	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	In	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se	Sn	Sr	Ti	U	V	W	Zn	Zr
			ppb	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm
347701	365109	5298604	9	-0.2	8.0	-5	843	1.8	-2	0.3	-0.5	24	7	137	6	3.7	-2	3.0	11	0.9	345	1	1.2	10	0.0	10	0.13	-3	-10	-10	44	0.2	3	88	-10	92	32
347702	364884	5298552	6	-0.2	7.7	-5	1024	2.1	-2	2.2	-0.5	19	4	91	43	2.1	-2	0.9	9	0.5	272	-1	2.9	5	0.0	13	0.03	-3	10	-10	329	0.2	4	35	-10	20	52
347703	364656	5298893	6	-0.2	0.1	-5	9	-0.5	-2	0.0	-0.5	-2	2	104	-5	0.5	-2	0.0	-1	0.0	32	1	0.0	7	0.0	2	0.01	-3	-10	-10	1	0.0	-2	3	-10	-5	1
347704	364898	5299134	-5	-0.2	7.8	-5	704	1.4	-2	0.2	-0.5	36	10	191	7	4.1	-2	2.5	18	0.2	1121	-1	1.1	8	0.0	9	0.02	7	-10	-10	75	0.2	2	98	-10	51	14
347705	364279	5298936	836	18.7	0.1	-5	17	-0.5	16	0.0	-0.5	-2	2	197	9	1.0	-2	0.1	-1	0.0	34	-1	0.0	6	0.0	17	0.36	4	-10	-10	1	0.0	-2	3	-10	5	1
347706	365016	5298501	119	2.9	4.4	7	567	1.7	-2	0.9	-0.5	21	3	232	194	1.8	4	2.1	10	0.3	413	1	0.3	8	0.0	27	0.37	-3	-10	-10	30	0.1	3	21	-10	26	27
347707	332279	5276783	5	-0.2	5.9	-5	1059	2.4	-2	1.2	-0.5	65	2	98	5	1.2	-2	1.5	32	0.3	551	1	2.9	4	0.0	27	0.07	3	-10	-10	124	0.2	2	19	-10	20	178
347708	332236	5276763	-5	-0.2	7.8	5	1509	2.8	-2	0.2	-0.5	71	3	81	5	2.2	-2	2.3	34	0.8	737	2	3.3	5	0.0	38	0.02	3	-10	-10	83	0.3	2	30	-10	61	242
347709	332081	5277435	-5	-0.2	1.0	-5	98	-0.5	-2	3.3	-0.5	10	4	113	7	1.0	2	0.4	5	0.3	976	-1	0.1	12	0.0	7	0.01	-3	-10	-10	46	0.1	-2	16	-10	20	19
347710	332320	5277436	11	-0.2	0.4	-5	50	-0.5	-2	0.1	-0.5	3	2	105	8	1.0	-2	0.1	2	0.1	127	-1	0.0	8	0.0	10	0.03	5	-10	-10	6	0.0	-2	6	-10	13	6
347711	332612	5277394	8	0.2	7.4	9	1540	2.6	-2	0.5	13.3	74	4	61	170	2.6	3	2.9	35	0.4	1855	-1	1.9	4	0.1	1379	0.55	-3	-10	-10	43	0.3	2	37	-10	0.67	220
347712	332615	5277385	7	0.3	7.6	28	1889	3.2	-2	0.1	1.2	67	4	155	101	2.9	-2	3.2	31	0.5	2588	-1	1.8	5	0.1	1605	0.15	3	-10	-10	51	0.3	3	50	-10	639	203
347713	332611	5277374	5	-0.2	7.2	9	1866	2.3	-2	0.1	8.4	73	3	107	586	2.5	2	2.5	34	0.3	1219	-1	2.3	3	0.1	135	0.39	5	-10	-10	34	0.2	2	35	-10	0.44	204
347714	332613	5277390	-5	-0.2	1.1	6	1010	-0.5	-2	0.0	-0.5	6	-2	100	12	0.7	2	0.8	3	0.0	141	-1	0.3	3	0.0	50	0.03	-3	-10	-10	40	0.0	-2	2	-10	69	21
347715	332930	5277503	8	0.8	3.6	-5	280	0.8	-2	0.0	-0.5	28	-2	89	-5	0.8	-2	0.3	15	0.3	136	2	2.2	5	0.0	12	0.04	-3	-10	-10	31	0.1	-2	6	-10	19	49
347716	332932	5277504	7	-0.2	6.8	7	1383	2.7	-2	0.0	-0.5	69	2	64	-5	1.4	2	2.1	34	0.4	71	-1	1.8	6	0.0	13	0.04	-3	-10	-10	48	0.1	2	16	-10	28	113
347717	332206	5276938	8	-0.2	8.2	7	1174	2.6	-2	0.4	-0.5	59	5	64	5	3.0	-2	2.0	28	0.7	1250	1	3.5	4	0.1	12	0.11	3	-10	-10	83	0.3	2	54	-10	69	165
347718	341400	5282724	-5	-0.2	7.4	7	362	2.3	-2	1.0	-0.5	50	23	99	15	6.6	3	2.0	24	2.1	1502	1	2.8	7	0.1	17	0.02	-3	-10	-10	54	1.0	5	266	-10	88	86
347719	341366	5282716	-5	-0.2	7.4	-5	435	1.9	-2	1.1	0.6	49	24	96	31	7.1	2	2.3	24	2.2	1666	-1	2.4	7	0.1	16	0.05	-3	-10	-10	79	1.0	5	269	-10	122	75
347720	340629	5282875	-5	0.3	7.2	-5	423	2.2	-2	0.1	-0.5	71	16	176	6	4.2	-2	1.7	33	1.8	368	1	1.8	64	0.0	13	0.01	-3	-10	-10	73	0.4	3	97	-10	74	132
347721	340644	5283057	-5	-0.2	6.2	-5	207	1.1	-2	1.5	-0.5	43	15	242	11	4.3	-2	1.1	21	1.9	862	2	1.9	80	0.0	9	0.04	3	-10	-10	66	0.3	4	97	-10	83	75
347722	340573	5282849	-5	-0.2	0.4	-5	38	-0.5	-2	1.9	-0.5	8	3	91	130	0.7	-2	0.1	5	0.1	595	-1	0.0	8	0.0	-2	0.04	3	-10	-10	21	0.0	-2	9	-10	8	5
347723	340573	5282849	7	-0.2	5.2	9	424	1.2	-2	0.4	-0.5	52	12	145	24	3.3	-2	2.5	23	0.9	429	-1	1.2	42	0.0	11	0.09	-3	-10	-10	53	0.4	3	75	-10	62	171
347724	340652	5283062	26	-0.2	5.4	-5	417	0.9	-2	1.7	-0.5	44	10	104	9	2.5	3	2.3	28	1.1	1079	-1	1.7	27	0.0	9	0.03	20	-10	-10	78	0.2	3	56	-10	44	75
347751	365166	5298647	-5	-0.2	5.4	-5	800	1.2	-2	0.1	-0.5	62	3	125	8	2.9	2	3.9	28	0.2	147	-1	1.0	4	0.0	19	0.01	3	-10	-10	39	0.1	2	25	-10	31	122
347752	365120	5298658	120	2.5	2.1	-5	31	-0.5	-2	0.2	-0.5	3	20	397	12	4.8	-2	0.1	2	1.0	468	2	0.6	20	0.0	25	0.16	4	-10	-10	13	0.4	3	120	-10	38	15
347753	365006	5298609	267	7.8	0.3	-5	69	-0.5	7	0.0	-0.5	-2	3	166	-5	2.1	-2	0.2	1	0.0	36	1	0.0	6	0.0	25	0.07	37	-10	-10	2	0.0	2	7	-10	5	2
347754	364637	5298555	-5	-0.2	0.3	-5	31	-0.5	-2	0.0	-0.5	17	-2	79	-5	0.4	-2	0.1	9	0.0	37	-1	0.0	6	0.0	3	0.01	3	-10	-10	2	0.0	-2	4	-10	-5	2
347755	364348	5298697	-5	-0.2	1.4	-5	177	-0.5	-2	0.0	-0.5	69	2	121	-5	0.8	2	0.6	35	0.1	118	-1	0.2	8	0.0	2	0.01	12	-10	-10	10	0.0	-2	16	-10	6	3
347756	364320	5298747	-5	-0.2	5.4	-5	206	0.8	-2	1.9	-0.5	6	5	106	20	1.2	-2	0.6	4	0.3	124	-1	1.5	13	0.0	7	0.03	16	-10	-10	114	0.1	2	17	-10	10	18
347757	364775	5299327	46	1.2	2.5	-5	562	1	-2	0.0	-0.5	30	3	129	23	1.6	-2	1.6	17	0.1	86	-1	0.4	12	0.0	12	0.1	17	-10	-10	24	0.1	-2	19	-10	11	40
347758	350047	5286879	-5	-0.2	3.4	-5	258	1.9	-2	0.1	-0.5	31	6	213	9	2.4	-2	1.2	14	0.4	477	5	0.3	18	0.0	7	0.02	-3	-10	-10	19	0.3	2	56	-10	27	54
347759	350035	5286837	-5	0.2	5.1	-5	201	1.9	-2	2.8	-0.5	48	6	282	27	3.0	2	1.4	23	0.9	706	1	0.4	14	0.1	6	0.19	4	-10	-10	94	0.3	4	48	-10	28	79
347760	345279	5285253	-5	-0.2	1.0	-5	262	0.5	-2	0.1	-0.5	4	-2	116	-5	0.7	-2	0.5	3	0.1	93	1	0.3	6	0.0	4	0.01	4	-10	-10	19	0.0	-2	5	-10	7	17
347761	345065	5285253	-5	-0.2	4.1	-5	1260	2.1	-2	0.2	-0.5	62	2	169	13	3.0	3	2.1	26	0.4	115	-1	0.1	9	0.1	70	0.06	-3	-10	-10	23	0.3	3	81	-10	36	59
347762	332186	5276771	-5	-0.2	0.7	-5	270	-0.5	-2	0.2	-0.5	2	-2	94	-5	0.6	-2	0.3	1	0.1	99	-1	0.2	6	0.0	6	0.01	5	-10	-10	11	0.0	-2	5	-10	9	5
347763	332171	5276756	-5	-0.2	1.5	-5	389	0.8	-2	0.0	-0.5	7	-2	117	-5	0.8	-2	0.4	2	0.1	60	1	0.6	6	0.0	3	0.01	12	-10	-10	12	0.1	-2	10	-10	9	28
347764	332129	5277582	-5	-0.2	7.5	6	444	2.2	-2	1.5	-0.5	40	13	137	13	3.3	-2	2.1	19	1.1	1901	-1	2.6	27	0.0	12	0.02	23	-10	-10	190	0.2	4	74	-10	50	71
347765	331822	5277000	-5	0.5	2.8	-5		0.5	-2	0.0	-0.5	20	2	126	10	0.9	-2	0.4	11	0.2	135	-1	1.8	8	0.0	20	0.38	9	-10	-10	246	0.0	-2	5	-10	16	51
347766	326352	5276867	8	-0.2	9.4	-5	2317	4	-2	1.2	-0.5	161	13	169	6	4.2	-2	3.8	80	1.3	522	2	2.5	20	0.2	20	0.01	9	-10	-10	553	0.3	5	117	-10	83	61

SampleID	NAD27_East	NAD27_North	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	In	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se	Sn	Sr	Ti	U	V	W	Zn	Zr
			ppb	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm
347767	326328	5277164	-5	-0.2	1.2	-5	179	0.6	-2	0.1	-0.5	21	4	174	-5	1.4	-2	0.5	11	0.4	142	1	0.4	9	0.0	6	0.01	-3	-10	-10	32	0.1	-2	20	-10	26	9
347768	341303	5282721	-5	-0.2	6.1	-5	494	2.1	-2	0.6	-0.5	46	20	193	-5	6.0	4	2.6	23	2.3	1456	1	1.6	9	0.0	14	0.01	3	-10	-10	60	0.7	4	218	-10	86	50
347769	341303	5282721	-5	-0.2	8.2	8	492	2.6	-2	1.3	-0.5	58	23	166	-5	6.2	-2	2.6	28	2.0	1388	-1	2.4	14	0.1	22	0.01	-3	-10	-10	79	1.0	5	237	-10	93	62
347770	340557	5283046	6	0.2	9.1	5	568	2.4	-2	0.4	-0.5	64	23	176	31	5.4	-2	2.6	31	2.5	740	-1	1.5	126	0.1	17	0.05	-3	-10	-10	58	0.4	4	144	-10	103	103
347771	340626	5283088	15	-0.2	4.4	13	265	1	-2	0.6	-0.5	49	8	127	23	2.2	-2	1.7	20	0.9	311	-1	1.5	28	0.0	14	0.13	-3	-10	-10	41	0.3	2	54	-10	38	153
347772	340626	5283088	-5	-0.2	2.0	-5	89	-0.5	-2	1.7	0.6	10	2	159	31	1.6	-2	0.6	5	0.6	517	-1	0.6	8	0.0	3	0.05	3	-10	-10	66	0.1	2	34	-10	25	25
347773	340339	5282516	7	0.5	1.0	6	151	-0.5	-2	0.0	-0.5	8	2	179	11	2.5	-2	0.3	4	0.2	150	1	0.1	6	0.0	60	0.04	-3	-10	-10	6	0.0	2	17	-10	21	29
347774	340458	5282474	-5	-0.2	1.1	256	91	0.6	-2	0.0	-0.5	13	-2	116	-5	1.0	-2	0.5	6	0.0	78	1	0.1	5	0.0	4	0.02	-3	-10	-10	3	0.1	-2	4	-10	9	43
347775	340458	5282474	-5	-0.2	9.6	89	726	4	-2	0.1	-0.5	91	13	161	39	6.0	2	4.4	40	1.0	746	-1	0.3	40	0.0	17	0.02	-3	-10	-10	32	0.6	6	147	-10	88	120
347776	348469	5287123	11	-0.2	6.6	13	318	2.3	-2	0.2	-0.5	38	20	157	40	5.6	-2	1.9	13	0.8	1913	-1	0.4	30	0.1	14	0.07	-3	-10	-10	88	0.3	4	86	-10	56	62
347777	348477	5287119	13	-0.2	1.8	10	54	0.6	-2	0.1	-0.5	8	6	157	15	2.6	-2	0.4	4	0.3	3673	-1	0.1	14	0.0	12	0.04	3	-10	-10	22	0.1	2	22	-10	28	11
347778	348341	5287231	26	-0.2	1.1	12	60	0.5	-2	0.0	-0.5	5	4	155	5	1.5	-2	0.4	2	0.2	536	-1	0.1	11	0.0	6	0.02	-3	-10	-10	10	0.1	-2	17	-10	15	15
347779	348306	5287207	10	0.2	13.0	65	441	3.6	-2	0.1	-0.5	65	14	168	10	8.2	-2	3.2	26	1.3	5523	-1	0.7	48	0.0	20	0.02	-3	-10	-10	94	0.6	5	149	-10	134	84
347780	348278	5287154	-5	-0.2	0.5	29	57	-0.5	-2	0.0	-0.5	-2	-2	148	-5	0.9	-2	0.1	-1	0.1	185	-1	0.1	6	0.0	4	0.01	-3	-10	-10	3	0.1	-2	20	-10	7	10
347781	348267	5287149	13	0.4	9.4	336	2029	3.8	-2	0.5	1.5	48	16	41	292	9.1	3	2.4	20	2.0	958	1	2.9	5	0.1	21	0.41	-3	-10	-10	181	1.6	9	349	-10	98	268
347782	342926	5285697	-5	-0.2	3.4	-5	356	0.7	-2	0.2	-0.5	9	6	161	-5	2.3	-2	1.2	6	0.6	286	-1	0.3	9	0.0	6	0.02	4	-10	-10	24	0.1	-2	35	-10	25	9
347783	343085	5285534	12	1.3	7.7	5	60	0.9	-2	1.1	-0.5	7	17	98	277	4.7	-2	0.5	4	1.8	976	-1	3.7	16	0.0	15	0.68	-3	-10	-10	75	0.2	4	92	-10	119	19
347784	343196	5285625	-5	-0.2	6.6	-5	826	2	-2	0.8	-0.5	7	3	70	26	1.0	-2	1.5	5	0.1	259	83	2.8	4	0.0	17	0.05	3	-10	-10	193	0.0	8	7	-10	7	28
347785	339352	5281640	-5	-0.2	3.4	-5	1054	1.4	-2	0.0	-0.5	17	5	178	-5	1.6	-2	1.4	-1	0.4	393	1	0.1	11	0.0	10	0.01	-3	-10	-10	43	0.1	3	20	-10	27	66
347786	338448	5281580	-5	-0.2	3.8	33	242	1.8	-2	0.1	-0.5	43	4	216	8	2.7	-2	1.6	20	0.4	156	1	0.1	17	0.0	14	0.01	-3	-10	-10	14	0.3	3	59	-10	37	72
347801	350098	5286808	-5	1	10.0	6	657	10.6	-2	0.2	-0.5	47	13	195	30	5.6	-2	4.6	23	0.8	2315	2	0.2	31	0.0	41	0.09	-3	-10	10	48	0.6	6	158	-10	69	118
347802	350040	5286698	-5	0.5	9.2	6	417	9.3	-2	0.3	-0.5	99	20	194	88	6.0	2	3.8	43	0.9	1836	69	1.5	29	0.0	44	0.23	-3	-10	-10	67	0.5	7	122	19	92	132
347803	349925	5286764	80	-0.2	7.4	51	432	3.5	-2	0.2	-0.5	58	10	206	67	5.7	-2	2.5	27	0.8	1661	2	0.3	26	0.1	13	0.04	-3	-10	-10	56	0.4	5	111	-10	64	80
347804	345354	5285319	-5	-0.2	4.8	-5	431	1.2	-2	0.2	-0.5	26	2	84	9	1.0	2	0.8	14	0.1	114	1	3.0	4	0.0	11	0.02	4	-10	-10	39	0.1	-2	15	-10	12	78
347805	345261	5285320	-5	0.2	9.3	-5	2226	2.9	-2	0.3	-0.5	74	7	70	37	2.9	2	3.6	37	0.4	478	1	3.5	5	0.0	58	0.07	-3	-10	-10	87	0.3	3	44	-10	52	168
347806	345197	5285328	-5	-0.2	5.1	5	1424	0.9	-2	0.1	-0.5	15	-2	170	-5	1.2	-2	0.5	7	0.1	232	1	3.3	2	0.0	7	0.03	3	-10	-10	91	0.2	-2	6	-10	18	112
347807	345489	5284860	-5	-0.2	5.6	11	2209	2.7	-2	0.0	-0.5	39	-2	133	8	1.7	-2	2.7	19	0.4	93	2	2.1	5	0.0	28	0.12	-3	-10	-10	125	0.2	2	25	-10	20	118
347808	345487	5284853	-5	-0.2	3.6	7	3925	1.4	-2	0.0	-0.5	14	-2	124	-5	0.9	-2	3.2	8	0.2	43	1	0.3	6	0.0	19	0.03	-3	-10	-10	154	0.1	-2	13	-10	8	40
347809	345487	5284853	-5	-0.2	6.5	10	1834	2.2	-2	0.1	-0.5	10	-2	62	17	1.8	-2	2.4	5	0.2	44	2	3.1	4	0.0	14	0.17	-3	-10	-10	134	0.2	2	23	-10	11	125
347810	345482	5284849	-5	-0.2	5.3	9	1501	1.7	-2	0.0	-0.5	14	-2	103	5	1.5	2	2.2	5	0.2	81	2	2.3	5	0.0	23	0.04	5	-10	-10	106	0.1	2	19	-10	14	94
347811	340377	5282493	-5	-0.2	1.6	-5	78	0.7	-2	0.2	-0.5	15	5	180	8	2.0	-2	0.6	8	0.2	193	1	0.0	15	0.1	7	0.01	-3	-10	-10	10	0.1	-2	27	-10	25	22
347812	340449	5282455	-5	-0.2	0.4	-5	46	-0.5	-2	0.0	-0.5	10	-2	147	-5	0.5	-2	0.2	5	0.0	35	-1	0.0	6	0.0	2	0.01	-3	-10	-10	1	0.0	-2	2	-10	6	16
347813	340404	5282455	-5	-0.2	2.8	-5	318	1.5	-2	0.1	-0.5	42	-2	272	6	1.3	-2	1.4	19	0.1	70	1	0.2	7	0.1	8	0.02	-3	-10	-10	13	0.2	2	15	-10	14	145
347814	348464	5286978	-5	-0.2	1.7	8	182	0.7	-2	0.0	-0.5	7	4	319	-5	2.0	-2	0.5	2	0.3	621	-1	0.1	15	0.0	7	0.01	5	-10	-10	6	0.1	2	28	-10	25	21
347815	348491	5287059	-5	0.2	13.4	26	645	4.5	-2	0.2	-0.5	73	26	126	17	7.8	-2	4.7	22	1.6	3113	-1	0.3	71	0.1	14	0.01	-3	-10	11	55	0.8	8	200	-10	105	133
347816	348500	5287167	-5	-0.2	0.2	-5	15	-0.5	-2	0.0	-0.5	-2	-2	100	-5	0.4	-2	0.1	-1	0.0	47	-1	0.0	6	0.0	3	0.01	4	-10	-10	2	0.0	-2	4	-10	-5	-1
347817	348029	5287118	-5	-0.2	8.4	7	71	1.2	-2	0.3	-0.5	18	35	224	49	6.9	-2	0.1	7	3.6	1350	-1	3.4	53	0.0	11	0.02	-3	-10	-10	61	0.8	5	205	-10	89	92
347818	348029	5287118	-5	-0.2	5.7	-5	213	1.8	-2	0.1	-0.5	28	14	203	8	4.3	2	1.6	11	0.6	2788	1	0.3	33	0.0	10	0.01	-3	-10	-10	40	0.3	2	68	-10	61	37
347819	347988	5287084	-5	0.4	12.5	25	546	4.2	-2	0.2	-0.5	59	28	163	18	7.8	-2	3.6	16	1.2	6123	-1	0.6	56	0.1	34	0.02	-3	-10	-10	69	0.6	5	138	-10	139	82
347820	348025	5287095	-5	-0.2	4.8	25	257	1.7	-2	0.2	-0.5	29	9	381	46	4.8	-2	1.3	12	0.4	3465	1	0.4	21	0.1	11	0.03	-3	-10	-10	29	0.3	3	65	-10	53	54
347821	342259	5285180	-5	-0.2	9.5	9	282	1.7	-2	3.8	-0.5	28	23	124	17	6.2	-2	0.9	12	1.9	833	-1	2.4	15	0.0	15	0.04	-3	-10	-10	244	0.3	5	226	-10	75	22
347822	342590	5285211	-5	-0.2	0.0	-5	-5	-0.5	-2	0.0	-0.5	-2	-2	114	-5	0.4	2	0.0	-1	0.0	35	-1	0.0	7	0.0	3	0.01	4	-10	-10	1	0.0	-2	1	-10	-5	-1
347823	342750	5285082	-5	-0.2	7.3	5	438	4.2	-2	0.0	-0.5	165	2	57	-5	2.3	-2	7.0	74	0.2	65	-1	0.2	4	0.0	8	0.01	4	-10	-10	14	0.2	2	11	-10	22	164

SampleID	NAD27_East	NAD27_North	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	In	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se	Sn	Sr	Ti	U	V	W	Zn	Zr
			ppb	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm
347824	342897	5284945	9	0.8	8.4	-5	678	5	3	0.0	-0.5	114	-2	85	5	2.8	2	2.6	47	0.2	68	2	3.2	4	0.0	23	0.2	3	-10	-10	31	0.2	3	5	-10	25	481
347825	343965	5284354	-5	-0.2	0.4	-5	20	-0.5	-2	0.0	-0.5	-2	2	157	-5	0.8	-2	0.1	1	0.1	279	-1	0.0	8	0.0	5	0.01	-3	-10	-10	4	0.0	-2	8	-10	8	4
347826	343978	5284369	-5	-0.2	0.3	-5	17	-0.5	-2	0.0	-0.5	-2	-2	203	-5	0.6	-2	0.1	1	0.0	79	-1	0.0	6	0.0	4	0.01	3	-10	-10	4	0.0	-2	6	-10	5	4
347827	343844	5284198	-5	-0.2	0.8	5	39	-0.5	-2	0.0	-0.5	2	3	223	5	1.2	-2	0.2	1	0.1	161	-1	0.0	10	0.0	7	0.01	5	-10	-10	7	0.0	-2	13	-10	15	8
347828	343810	5284298	9	-0.2	4.7	7	359	2.1	-2	0.2	-0.5	22	11	182	17	3.6	-2	1.6	5	0.5	2545	1	0.2	24	0.0	15	0.01	-3	-10	-10	22	0.3	3	69	-10	45	60
347829	344334	5284826	-5	-0.2	1.2	-5	35	-0.5	-2	0.0	-0.5	-2	2	157	-5	2.0	2	0.1	1	0.8	256	-1	0.2	5	0.0	6	0.01	3	-10	-10	3	0.0	-2	3	-10	83	6
347830	339467	5281758	-5	-0.2	4.6	9	307	2	-2	0.1	-0.5	14	8	153	10	3.2	3	1.7	4	0.5	888	-1	0.2	23	0.0	16	0.01	-3	-10	-10	32	0.2	3	65	-10	59	29
347831	339628	5281743	-5	-0.2	10.2	7	15	1	-2	0.8	-0.5	15	34	181	-5	8.1	-2	0.2	10	5.2	4746	-1	2.8	23	0.0	15	0.01	-3	-10	-10	139	0.4	7	239	-10	110	57
347832	339565	5281683	-5	-0.2	0.1	-5	22	-0.5	-2	0.0	-0.5	-2	-2	110	-5	0.4	-2	0.0	-1	0.0	35	-1	0.0	7	0.0	2	0.01	3	-10	-10	2	0.0	-2	2	-10	-5	-1
347833	339565	5281497	-5	-0.2	8.0	-5	1241	3.2	-2	0.8	0.5	63	6	129	-5	2.8	3	2.9	32	0.6	891	1	2.4	4	0.0	21	0.01	3	-10	-10	50	0.3	3	44	-10	51	156
347834	338965	5281665	-5	-0.2	0.5	-5	59	-0.5	-2	0.0	-0.5	-2	-2	141	-5	0.7	2	0.2	1	0.0	65	-1	0.1	6	0.0	2	0.01	3	-10	-10	9	0.0	-2	3	-10	8	5
347835	338868	5281597	-5	-0.2	0.7	-5	57	-0.5	-2	0.1	-0.5	8	3	137	-5	0.8	3	0.3	4	0.1	105	-1	0.0	9	0.0	5	0.01	4	-10	-10	7	0.1	2	14	-10	11	9
347851	364768	5298773	-5	-0.2	0.3	-5	24	-0.5	-2	0.0	-0.5	-2	3	116	-5	0.5	3	0.1	1	0.0	32	1	0.0	7	0.0	2	0.03	-3	-10	-10	2	0.0	-2	6	-10	-5	1
347852	364641	5298922	-5	-0.2	0.2	-5	8	-0.5	-2	0.0	-0.5	-2	2	133	-5	0.9	-2	0.0	-1	0.1	108	-1	0.0	7	0.0	5	0.02	4	-10	-10	2	0.0	2	4	-10	12	1
347853	365094	5299165	-5	-0.2	1.2	-5	104	-0.5	-2	0.0	-0.5	-2	2	117	-5	1.1	-2	0.5	1	0.1	143	-1	0.0	6	0.0	4	0.01	-3	-10	-10	7	0.0	-2	20	-10	14	4
347854	345238	5285039	9	-0.2	0.2	-5	57	-0.5	-2	0.0	-0.5	-2	2	112	-5	0.5	-2	0.1	1	0.0	513	-1	0.1	7	0.0	5	0.06	-3	-10	-10	6	0.0	-2	2	-10	7	2
347855	345088	5285163	-5	-0.2	1.6	5	406	0.8	-2	0.0	-0.5	5	-2	115	15	0.9	2	0.6	2	0.1	50	1	0.5	6	0.0	16	0.02	3	-10	-10	18	0.0	-2	8	-10	9	25
347856	332684	5277520	-5	-0.2	3.7	-5	175	0.5	-2	0.0	-0.5	43	-2	66	-5	0.5	-2	0.2	24	0.0	36	1	2.8	6	0.0	5	0.03	4	-10	-10	31	0.0	-2	3	-10	6	46
347857	340306	5282985	12	-0.2	6.3	7	907	1.7	-2	3.1	0.5	102	39	161	415	4.3	3	2.4	60	1.0	793	-1	1.0	22	0.1	10	1.07	3	-10	-10	118	0.2	5	101	-10	38	63
347858	340310	5282989	-5	-0.2	4.4	5	301	1	-2	0.1	-0.5	26	10	157	8	2.9	-2	2.1	7	1.1	290	-1	0.9	42	0.0	13	0.04	-3	-10	-10	26	0.3	3	65	-10	50	67
347859	340310	5282991	-5	0.4	1.7	5	122	0.6	-2	9.7	0.7	28	6	103	11	1.4	-2	0.8	14	1.0	661	1	0.3	19	0.0	34	0.25	-3	-10	-10	373	0.1	2	19	-10	52	27
347860	340319	5282995	-5	-0.2	3.5	-5	168	0.8	-2	0.4	-0.5	28	7	130	91	1.9	-2	1.1	14	0.7	261	-1	1.4	29	0.0	16	0.02	-3	-10	-10	39	0.2	2	42	-10	28	54
347861	340322	5283006	-5	0.3	3.8	6	147	1	-2	15.7	1	34	7	42	5	1.8	-2	1.2	17	1.4	744	1	1.4	26	0.0	51	0.14	3	-10	-10	566	0.1	4	36	-10	94	83
347862	340359	5283030	24	-0.2	6.8	41	682	1.1	-2	0.4	-0.5	41	12	179	-5	3.7	4	4.5	16	1.6	494	-1	1.2	50	0.0	21	0.24	-3	-10	-10	43	0.5	4	89	-10	56	124
347863	340353	5282582	-5	-0.2	1.3	-5	71	0.6	-2	0.1	-0.5	11	3	148	8	1.4	-2	0.6	6	0.2	93	-1	0.0	14	0.0	7	0.02	4	-10	-10	5	0.1	-2	22	-10	16	15
347864	340266	5282572	-5	-0.2	2.9	-5	809	-0.5	-2	0.0	-0.5	5	2	83	8	0.6	-2	3.1	3	0.1	166	1	0.2	5	0.0	9	0.01	-3	-10	-10	16	0.0	-2	7	-10	9	11
347865	348076	5287360	8	-0.2	0.6	-5	67	-0.5	-2	0.0	-0.5	3	2	106	-5	0.6	-2	0.2	2	0.1	64	-1	0.1	10	0.0	-2	0.01	-3	-10	-10	6	0.0	-2	7	-10	8	8
347866	343846	5284314	-5	-0.2	1.1	-5	56	0.5	-2	0.0	-0.5	4	5	138	6	1.4	-2	0.4	1	0.2	135	-1	0.1	12	0.0	3	0.01	3	-10	-10	6	0.1	-2	20	-10	18	8
347867	348458	5287586	-5	-0.2	6.8	-5	824	1.9	-2	0.2	-0.5	116	2	103	-5	2.4	-2	7.7	49	0.1	130	2	0.4	5	0.0	6	0.01	-3	-10	-10	26	0.1	3	3	-10	10	355
347868	343866	5284463	-5	-0.2	0.9	7	45	-0.5	-2	0.1	-0.5	8	3	162	13	1.2	-2	0.3	4	0.1	316	1	0.0	11	0.0	5	0.02	-3	-10	-10	8	0.1	2	14	-10	12	12
347869	344124	5284811	-5	-0.2	7.4	15	995	3.5	-2	0.1	-0.5	64	13	198	13	4.5	2	3.2	28	0.7	1270	2	0.2	33	0.0	12	0.01	-3	-10	-10	14	0.4	4	108	-10	65	87
347870	339454	5282241	-5	-0.2	11.2	6	84	0.6	-2	0.1	0.5	-2	60	581	-5	6.7	-2	1.5	1	4.0	954	1	1.3	253	0.0	11	0.01	6	-10	-10	186	0.2	6	231	-10	64	4
347871	338981	5281822	-5	-0.2	1.2	-5	44	-0.5	-2	0.0	-0.5	-2	3	124	6	1.2	3	0.3	1	0.1	173	-1	0.5	10	0.0	7	0.01	-3	-10	-10	7	0.0	-2	10	-10	16	3
347872	338879	5281808	5	-0.2	0.6	-5	25	-0.5	-2	0.0	-0.5	-2	3	136	-5	1.1	2	0.2	1	0.1	104	-1	0.0	10	0.0	-2	0.01	3	-10	-10	1	0.0	-2	12	-10	10	2
347873	356556	5291691	-5	-0.2	3.8	12	153	3.2	-2	2.5	-0.5	11	3	110	22	1.4	-2	1.0	5	0.4	97	16	0.4	15	0.0	7	0.07	-3	-10	-10	126	0.2	4	43	11	100	71
347874	356553	5291696	-5	-0.2	3.2	7	216	3.2	-2	0.1	-0.5	3	4	134	-5	1.9	-2	1.3	1	0.5	175	37	0.0	22	0.0	9	0.02	4	-10	-10	20	0.2	2	55	-10	28	72
347901	340363	5282540	10	-0.2	7.9	20	740	3	-2	0.1	0.6	78	11	176	69	5.7	-2	3.7	35	0.9	627	1	0.3	27	0.0	10	0.17	-3	-10	-10	35	0.5	5	185	-10	60	89
347902	340375	5282553	-5	-0.2	0.6	-5	31	-0.5	-2	0.0	-0.5	3	2	150	7	1.1	-2	0.2	2	0.1	73	1	0.0	11	0.0	3	0.01	-3	-10	-10	3	0.0	2	11	-10	13	5
347903	340268	5282581	-5	-0.2	6.7	5	1209	2.8	-2	0.1	-0.5	42	2	86	-5	1.3	2	3.3	22	0.4	167	1	0.2	4	0.0	17	0.02	-3	-10	-10	26	0.1	3	15	-10	32	121
347904	340214	5282568	-5	0.2	8.4	28	441	2.6	-2	0.3	-0.5	18	28	88	13	8.2	-2	3.9	7	0.7	1484	-1	0.1	19	0.1	11	0.02	-3	-10	-10	13	1.3	8	363	-10	104	162
347905	340214	5282571	-5	0.3	7.2	-5	86	-0.5	-2	6.9	-0.5	9	67	87	8	10.0	4	0.3	5	3.6	1119	-1	1.2	3	0.0	15	0.46	-3	-10	-10	301	1.6	15	907	-10	109	23
347906	347999	5287679	-5	-0.2	7.1	6	847	2.9	-2	1.0	-0.5	34	6	107	-5	3.8	-2	4.2	20	0.3	334	-1	2.0	9	0.0	23	0.01	-3	-10	-10	82	0.2	5	83	-10	27	59
347907	348288	5287868	-5	-0.2	3.4	-5	153	1.1	-2	0.4	-0.5	24	3	95	-5	1.3	-2	0.8	13	0.3	230	-1	1.6	11	0.0	7	0.01	3	-10	-10	27	0.1	2	28	-10	10	46

SampleID	NAD27_East	NAD27_North	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	In	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Se	Sn	Sr	Ti	U	V	W	Zn	Zr
			ppb	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	pct	ppm	pct	ppm	pct	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm
347908	347832	5287657	-5	-0.2	0.4	-5	98	-0.5	-2	0.0	-0.5	2	2	124	10	1.1	-2	0.2	1	0.0	34	-1	0.0	7	0.0	5	0.02	-3	-10	-10	6	0.0	-2	4	-10	-5	2
347909	347798	5287575	-5	-0.2	6.4	7	557	2.8	-2	0.2	-0.5	108	7	183	-5	7.3	3	5.7	60	0.2	114	-1	0.8	10	0.0	19	0.01	-3	-10	10	29	0.5	7	238	-10	44	176
347910	347845	5287188	-5	0.2	9.2	8	381	2.6	-2	3.5	0.6	57	24	107	44	5.4	-2	2.3	27	2.6	1009	-1	2.1	64	0.1	11	0.26	-3	-10	-10	216	0.5	7	144	-10	106	119
347911	347679	5287069	-5	-0.2	5.7	6	337	2.1	-2	0.3	-0.5	40	12	177	38	3.5	-2	1.9	20	0.8	836	-1	1.2	22	0.1	29	0.05	5	-10	-10	36	0.2	4	61	-10	76	103
347912	348077	5287363	-5	-0.2	0.6	-5	50	-0.5	-2	0.0	-0.5	15	2	113	-5	0.7	2	0.2	8	0.1	59	-1	0.2	10	0.0	2	0.01	3	-10	-10	6	0.0	-2	6	-10	6	7
347913	348121	5287421	-5	-0.2	6.8	5	515	2.1	-2	0.6	-0.5	64	13	159	-5	3.7	-2	2.4	39	1.2	449	-1	1.2	44	0.0	10	0.01	-3	-10	-10	74	0.3	3	88	-10	56	135
347914	348460	5287588	-5	-0.2	1.3	-5	197	0.6	-2	0.0	-0.5	11	3	150	6	1.1	-2	0.5	6	0.2	90	-1	0.1	12	0.0	4	0.01	3	-10	-10	9	0.1	-2	19	-10	13	24
347915	343062	5286110	-5	-0.2	9.9	-5	504	2.2	-2	4.5	-0.5	47	20	89	32	5.4	-2	1.3	24	2.0	1160	-1	2.9	13	0.1	13	0.05	-3	-10	-10	377	0.3	5	156	-10	63	20
347916	342946	5286138	-5	-0.2	9.0	-5	480	2.8	-2	0.9	-0.5	15	9	89	-5	1.6	-2	1.5	8	0.4	186	-1	4.1	6	0.0	3	0.1	6	-10	-10	160	0.2	2	65	-10	13	12
347917	342881	5285799	-5	-0.2	8.7	6	960	2.4	-2	2.2	-0.5	28	14	126	14	4.2	-2	2.1	16	1.8	1041	-1	2.4	13	0.0	16	0.03	3	-10	-10	187	0.3	3	137	-10	68	23
347918	343081	5285544	7	0.4	9.9	6	262	2	-2	1.0	-0.5	13	37	81	172	4.9	2	1.8	7	1.8	1164	1	3.6	27	0.1	14	0.65	-3	-10	-10	73	0.4	4	164	-10	88	16
347920	343251	5285582	-5	-0.2	5.8	5	210	1.3	-2	1.2	-0.5	8	5	114	50	3.7	-2	1.3	5	1.5	766	6	1.4	5	0.0	7	0.44	5	-10	-10	41	0.1	3	13	-10	55	13
347921	339547	5282460	188	-0.2	9.4	17	390	1.6	-2	0.2	-0.5	14	24	234	23	7.7	-2	3.2	5	2.4	430	-1	0.3	68	0.1	8	0.43	-3	-10	-10	39	0.7	7	221	-10	90	71
347922	339158	5282018	-5	-0.2	5.8	9	502	2.6	-2	0.2	-0.5	62	5	98	-5	2.9	-2	1.9	18	0.4	227	1	1.4	6	0.1	14	0.02	4	-10	-10	43	0.3	3	18	-10	65	253
347923	339158	5282018	-5	0.3	6.8	5	326	0.9	-2	6.0	-0.5	33	58	77	46	10.0	-2	0.9	16	3.6	1559	-1	1.7	120	0.1	19	0.12	-3	-10	-10	328	1.6	11	490	-10	113	41
347924	339076	5281935	-5	-0.2	7.6	17	454	3.2	-2	2.1	-0.5	92	6	117	5	3.6	2	1.8	44	0.5	731	1	1.8	6	0.1	23	0.01	-3	-10	-10	501	0.4	5	26	-10	77	116
347951	365273	5298812	8045	130.2	0.5	-5	39	-0.5	27	0.0	1.5	2	-2	139	1057	0.8	-2	0.2	2	0.0	43	-1	0.1	7	0.0	0.63	0.28	5	-10	-10	5	0.0	-2	4	-10	11	2
347952	365270	5298785	44	1.1	0.5	7	60	-0.5	-2	0.0	-0.5	4	6	133	148	1.0	-2	0.3	2	0.0	38	1	0.0	7	0.0	17	0.1	-3	-10	-10	3	0.0	2	10	-10	6	5
347953	365164	5298730	25	-0.2	0.1	-5	-5	-0.5	-2	0.0	-0.5	-2	-2	113	6	0.6	-2	0.0	-1	0.1	43	-1	0.0	7	0.0	21	0.04	-3	-10	-10	-1	0.0	-2	2	-10	10	1
347954	349994	5287007	-5	-0.2	7.6	23	476	2.1	-2	0.9	-0.5	56	5	96	13	4.2	2	2.5	27	0.4	272	2	2.7	14	0.1	18	0.82	-3	-10	-10	71	0.3	5	69	-10	36	113
347955	349810	5286963	196	-0.2	1.5	6	118	0.7	12	0.3	-0.5	9	4	177	53	2.5	-2	0.6	3	0.5	296	-1	0.2	5	0.1	11	0.15	6	-10	-10	28	0.1	3	12	40	30	58
347956	345659	5285021	-5	-0.2	0.2	-5	75	-0.5	-2	0.0	-0.5	-2	-2	212	5	0.4	-2	0.1	1	0.0	31	-1	0.0	7	0.0	-2	0.01	-3	-10	-10	1	0.0	-2	3	-10	-5	4
347957	345445	5284967	-5	-0.2	7.2	34	1628	1.8	-2	0.0	-0.5	25	4	87	9	2.8	-2	3.8	14	0.5	99	1	1.8	5	0.0	28	0.5	-3	-10	-10	85	0.2	2	57	-10	40	74
347958	345241	5285234	-5	-0.2	0.2	-5	152	-0.5	-2	0.0	-0.5	-2	-2	91	7	0.6	2	0.2	-1	0.0	27	-1	0.1	6	0.0	7	0.03	4	-10	-10	5	0.0	-2	2	-10	-5	3
347959	332175	5276751	-5	-0.2	0.3	-5	71	-0.5	-2	0.0	-0.5	-2	-2	85	5	0.5	2	0.1	-1	0.0	31	2	0.1	6	0.0	4	0.04	-3	-10	-10	3	0.1	-2	4	-10	-5	3
347960	332024	5277443	-5	0.7	1.7	-5	105	0.5	-2	0.1	-0.5	9	3	129	25	1.3	-2	0.4	4	0.2	218	-1	0.8	8	0.0	4	0.01	-3	-10	-10	20	0.1	2	32	-10	12	27
347961	332136	5277603	-5	-0.2	1.0	5	75	-0.5	-2	0.7	-0.5	2	5	177	8	1.4	2	0.1	1	0.5	231	-1	0.2	14	0.0	-2	0.01	-3	-10	-10	11	0.0	2	30	-10	17	2
347962	332366	5277586	-5	-0.2	1.9	-5	251	0.8	-2	0.0	-0.5	17	4	132	11	1.5	-2	0.8	8	0.1	198	1	0.4	12	0.0	6	0.02	-3	-10	-10	10	0.1	-2	30	-10	24	65
347963	332325	5277585	-5	-0.2	0.3	-5	39	-0.5	-2	0.0	-0.5	-2	15	142	-5	1.5	-2	0.2	1	0.0	73	-1	0.0	14	0.0	3	0.37	-3	-10	-10	2	0.0	-2	5	-10	7	5
347964	322439	5277837	5	-0.2	2.4	48	178	1	-2	0.0	-0.5	13	12	133	53	2.2	-2	0.7	5	0.2	78	-1	0.6	13	0.0	49	0.27	-3	-10	-10	25	0.1	2	39	-10	16	80
347965	332484	5277246	-5	-0.2	4.4	6	234	0.6	-2	1.2	-0.5	13	20	235	41	4.4	4	0.9	7	1.6	642	-1	0.8	61	0.0	8	0.02	-3	-10	-10	50	0.1	3	130	-10	97	36
347966	341596	5282891	-5	-0.2	6.5	9	836	2.2	-2	0.2	-0.5	75	4	80	-5	3.0	2	4.5	30	0.3	494	-1	1.8	4	0.1	24	0.02	4	-10	-10	53	0.3	3	15	-10	77	257
347967	326469	5276624	-5	-0.2	2.5	-5	403	1.4	-2	0.1	-0.5	8	3	143	-5	0.9	-2	1.1	3	0.2	79	-1	0.9	8	0.0	10	0.04	-3	-10	-10	140	0.1	-2	9	-10	11	33
347968	326285	5277047	14	-0.2	3.0	-5	410	1.8	-2	0.0	-0.5	10	-2	102	-5	0.6	-2	0.6	5	0.1	32	-1	1.6	6	0.0	7	0.02	3	-10	-10	148	0.0	4	7	-10	9	31
347969	340308	5282974	-5	-0.2	2.0	-5	76	-0.5	-2	4.2	-0.5	20	5	122	5	2.1	3	0.3	10	1.1	1320	1	1.1	18	0.0	5	0.01	8	-10	-10	104	0.1	3	12	-10	19	53
347970	340318	5282986	-5	-0.2	3.4	-5	402	1	-2	0.1	-0.5	35	11	178	41	2.5	2	1.8	8	0.6	406	-1	0.4	43	0.0	8	0.13	-3	-10	-10	34	0.3	2	51	-10	48	73
347971	240328	5283004	-5	0.3	1.9	-5	218	-0.5	-2	4.0	-0.5	5	8	151	91	2.9	5	0.5	3	0.9	1017	-1	0.5	9	0.0	8	0.23	6	-10	-10	96	0.1	3	59	-10	23	7
347972	340352	5283020	-5	-0.2	1.3	-5	1707	-0.5	-2	1.8	-0.5	5	13	134	32	1.6	-2	0.5	3	0.3	481	1	0.2	19	0.0	4	0.54	4	-10	-10	50	0.0	2	31	-10	13	6
347973	340351	5283017	-5	-0.2	4.4	9	426	0.7	-2	0.3	-0.5	36	8	126	6	2.2	-2	3.1	24	0.9	356	-1	0.8	32	0.0	10	0.03	-3	-10	-10	34	0.3	2	57	-10	34	88

Negative values denote results below detection limit