

# Fertile Pegmatites & Anomalous Ni, Co, Cr Mineralisation Cyclone Lithium Project, James Bay Region, Quebec

# HIGHLIGHTS

- Significant number of pegmatite targets identified (41) compared to historical (1)
- Fertility Ratios (and field observations) suggest the pegmatites are LCT-type and prospective for lithium mineralisation.
- Phase 1 fieldwork covered ~30% of the project area, 70% of Cyclone Project remains untested.
- Further fieldwork required, including coverage of the remaining remote sensing identified pegmatites (Li), and EM targets (Ni, Co, Cr, +/-PGE's).
- Drill program based on Phase 1 fieldwork, both for lithium and nickel (+/- PGE's) will be initiated.
- Third party has been engaged to further model and refine EM targets (Ni+/- PGE's).
- Drilling anticipated to commence this winter season (2023/24).
- Fieldwork at K Lithium to commence in mid-October 2023.

**Megado Minerals Limited** (ASX: MEG) (**Megado** or the **Company**) is pleased to provide an update from its Phase 1 field exploration program at the Cyclone Lithium Project (**Cyclone**) in the James Bay region, Quebec. The Phase 1 program focussed on several target areas initially identified by remote sensing (refer to ASX Announcement <u>29</u> <u>May 2023</u> and <u>04 Sept 2023</u>).

Due to logistical constraints arising from the recent wildfires in Quebec, the availability of field personnel and other resources was affected, which, in turn, limited the number of field days for the Phase 1 program. Consequently, only 30% of the project area was successfully investigated. Seventy percent (70%) is yet to be explored. These remaining unexplored areas encompass a multitude of pegmatite targets initially identified via remote sensing. Completion of the Phase 1 fieldwork has significantly bolstered the Company's confidence that these targets will manifest as physical pegmatite outcrops in future fieldwork.

## Megado Minerals CEO & Managing Director, Ben Pearson commented:

"These initial assay results from only 30% of the project area are encouraging. We know we are in the right address at a district scale, have the majority of the Aquilon Greenstone Belt locked up as part of the Cyclone Project, and have over 70% of the project area still as yet untested.

Remote sensing continues to prove its value, translating into numerous pegmatite discoveries that were previously unrecognised. This bodes well for determining lithium prospective areas and developing significant tonnage potential. Furthermore, the project also contains significant potential for nickel, cobalt, chromium (+/- PGE's), as identified with coincident EM anomalies with ultramafics and historically anomalous nickel results. Megado is highly encouraged by its very first initial fieldwork on the ground at Cyclone."

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**Figure 1**: Map of Cyclone Project, showing overlay of DGC traverses completed (18 of 60 planned), and areas remaining with numerous targets yet to be ground-truthed and sampled.

## Cyclone Phase 1 Fieldwork and Outcomes:

During August 2023, an approximate 2-week period was focused on helicopter supported field reconnaissance and sampling by Dahrouge Geological Consulting (**DGC**) at Cyclone (Appendix 1). Due to logistical and time constraints (including down days for weather), the highest probability remote sensing targets for pegmatites were the primary field focus, with approximately 30% of the property covered (18 of 60 planned traverses completed). The remaining ca. 70% of the property will be covered in follow-up field programs. Recent wildfires on the property have removed significant areas of foliage and it is expected that with rainfall and the subsequent runoff, additional areas of pegmatites will likely be revealed.

Megado is highly encouraged by the success of the remote sensing work in converting to pegmatite outcrops. In areas, pegmatite outcrops were observed over significant distances (see previous announcement <u>29 May 2023</u>), presenting large tonnage drill targets.

A total of sixty-three (63) rock samples were analysed for a multi-element suite with a focus on Fertility Ratios to determine the prospective lithium mineralisation. Work by Steiner (2019)<sup>1</sup>, and Selway *et. al* (2005)<sup>2</sup>, indicates hard-rock lithium pegmatite mineralisation is typically zoned, and geochemical ratios and vectoring is critical in determining the probability of possible lithium mineralisation.

<sup>&</sup>lt;sup>2</sup> Selway, J.B., Breaks, F.W. and Tindle, A.G., 2005. A review of rare-element (Li-Cs-Ta) pegmatite exploration techniques for the Superior Province, Canada, and large worldwide tantalum deposits. Exploration and Mining Geology, 14(1-4), pp.1-30.



<sup>&</sup>lt;sup>1</sup> Steiner, Benedikt M. "Tools and workflows for grassroots Li–Cs–Ta (LCT) pegmatite exploration." Minerals 9, no. 8 (2019): 499.

All rock samples were analysed for specific key geochemical ratios. They include K/Rb, Nb/Ta, and Zr/Hf. These ratios are indicative of magmatic fractionation and hydrothermal alteration processes and are used to determine which rocks have potential to host incompatible elements (e.g. lithium). An analysis of these geochemical ratios for the 63 rock chip samples are presented in Figure 2.



**Figure 2:** (*Top Left*) *K/Rb vs Nb/Ta fertility ratios*. Samples with <270 K/Rb and <5 Nb/Ta are indicative of hydrothermally altered granites/pegmatites (fertile samples in orange box). (*Top Right*) *K/Rb vs Li<sub>2</sub>O fertility ratios*. Samples with <270 K/Rb are prospective for lithium mineralisation (samples below orange line). Peak lithium result = 0.018% Li<sub>2</sub>O. (*Bottom Left*) *K/Rb vs Ta fertility ratio*. Samples show a downward trend to lower K/Rb ratios vs higher Ta values, indicating increasing fractionation trend - higher the fractionation, higher the prospectivity for lithium mineralisation. (*Bottom Right*) *Nb/Ta vs Zr/Hf fertility ratios*. Samples that show <18 Zr/Hf and <5 Nb/Ta ratios have higher prospectivity for lithium mineralisation (fertile samples in orange box).

A review of the geochemistry results in combination with field observations suggest an LCT-type pegmatite field with fertility ratios indicating hydrothermal alteration, increasing fractionation, and potential for possible lithium mineralisation in the region (possibly at depth).

Of the 63 rock samples collected, 29 samples (46%) show a fertility ratio of <5 Nb/Ta – this is a primary Fertility Ratio indicative of mineralised versus barren granites for lithium mineralisation (see footnote 1). Eight (8) samples (13%) show a combined <270 K/Rb, and <5 Nb/Ta, and <18 Zr/Hf ratios (see Figure 2, footnotes 1 & 2). These 8 samples with prospective combined Fertility Ratios highlight the prospectivity for lithium potential in the project area. These 8 samples cluster in the northwest and in the southeast of the Cyclone property, presenting two distinct areas (of the 30% currently traversed) for potential drill targeting lithium pegmatites (see Figure 3). It is anticipated that additional traverses (ca. 70% of the remaining project area) are statistically likely to also identify additional fertile areas for possible drill targeting.



In addition to Fertility Ratios, there are rock samples that show anomalous Ta and Rb. These samples are also highly prospective for fertile systems for lithium mineralisation. Field reconnaissance around these locations has not been closed off, and the underlying magnetic geophysical signature indicates structures are continuous on these samples.

## Nickel +/- PGE's potential:

In addition to the lithium potential at Cyclone, the EM anomalies coincident with ultramafic rocks present a strong nickel, chromium, +/- platinum group element (PGE) mineralisation potential (Figure 1). Numerous historical rock samples (SIGEOM database) show anomalous nickel in the project area (see announcement <u>17 February 2023</u>). Whilst the EM targets were not the focus of this Phase 1 fieldwork, one sample collected on ultramafic rocks returned 0.19% Ni, and 0.40% Cr. This sample is located proximal to EM anomalies and further confirms the nickel (+/- Cr, Co, PGE's) potential for mineralisation.



**Figure 3**: Map of Cyclone Project, highlighting the two distinct areas in the NW and SE that geochemically show highly prospective Fertility Ratios for lithium mineralisation (blue). Map also showing overlay of DGC traverses completed (18 of 60 planned), and areas remaining with numerous targets yet to be ground-truthed and sampled.

## **Future Work**

Further spatial analysis of the assay results in combination with field observations will be done, to best determine vectors towards highest probability of lithium mineralisation at Cyclone.

A key future work component will include identifying areas prospective for drilling, and plan drill programs to test the grade, strike length, and depth potential of targets for lithium mineralisation. Significant outcropping pegmatites have been identified during the Phase 1 sampling program with a number likely to become targets for initial drilling.



Megado intends to fast-track its drilling permit process, aggressively plan multiple drillholes on now known pegmatite occurrences, and will fine tune the drilling program once assay results have been received and geochemical vectoring to optimise targeting for lithium has been completed. Megado anticipates a start to drilling during the winter season (2023/24), as soon as practical.

It cannot be stressed enough; this Phase 1 program represents a short initial field reconnaissance over a large project area in which only 30% has been traversed (principally due to logistics constraints throughout Canada this field season). Additional fieldwork will focus on completing the remaining planned traverses targeting lithium mineralisation (on previously planned traverses, as well as following up specific areas of Ta, Rb anomalies and areas with prospective Fertility Ratios), as well as the as yet untested nickel potential (EM geophysical anomalies coincident with ultramafic rocks) – these areas are considered highly prospective for nickel mineralisation. The ultramafic rocks are also highly prospective host rocks for lithium pegmatites.

In addition to Cyclone, Megado will commence ground-based exploration of its **K Lithium Project (K Project)** in mid-October 2023 (see ASX Announcement <u>18 September 2023</u>). The K Project is in Quebec's James Bay region, 10 km east of the (north-south) James Bay Road / Billy-Diamond Highway, ca. 90km south of Raddison. The K Project covers approximately 16km<sup>2</sup> (1,598 ha) and includes 35 claims. The K Project is approximately 2 km southwest and along strike from a recent spodumene-bearing pegmatite outcrop (250 x 100 m) named Arwen reported by <u>Midland Exploration</u> on its Elrond project.

#### **Related Announcements:**

<u>18 Sept 2023</u>	Acquisition of the K Lithium Project, James Bay, Quebec
<u>11 Sept 2023</u>	North Fork Detailed Airborne Hyperspectral Survey Completed
<u>04 Sept 2023</u>	Numerous Pegmatites Discovered During Surface Exploration
<u>21 Aug 2023</u>	Field Activities Resume at Cyclone Lithium Project
<u>06 June 2023</u>	Fieldwork at Cyclone Lithium Project - Postponed
<u>29 May 2023</u>	Targets Defined - Fieldwork to Commence at Cyclone Project
<u>28 April 2023</u>	Canadian Project Acquisition Completes
<u>17 April 2023</u>	Potential Lithium Bearing Pegmatite Targets Identified
<u>29 March 2023</u>	Detailed Geophysics Identifies Exciting New Carbonatite Targets
<u>14 March 2023</u>	Silver King Prospect at North Fork returns up to 15.85% TREE
<u>27 February 2023</u>	North Fork REE Project Additional Claims Secured
<u>17 February 2023</u>	Canadian Lithium Project Acquisition
<u>17 January 2023</u>	Newly Acquired Historical Data North Fork REE Project
<u>15 September 2022</u>	Rock Samples at new REE Prospect at North Fork Project with up to 2.41% TREO,
	including 0.58% Nd-Pr
<u>29 August 2022</u>	Megado Initiates Strategic Review at USA Rare Earths Project
<u>21 June 2022</u>	Felix Strategic Minerals Acquisition Completes
<u>15 June 2022</u>	Carbonatites Located at Surface at North Fork Project, Idaho
<u>7 June 2022</u>	MEG Raises A\$2.4m to Fund Initial Exploration at North Fork
<u>14 April 2022</u>	MEG to Acquire US High-Grade Rare Earth Element Project

#### -ENDS-

Authorised for release by the Board of Megado Minerals Limited.

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## **About Megado Minerals**

Megado Minerals Ltd (ASX: MEG) (the Company or Megado) is an ASX-listed mining exploration company. The company's assets include the North Fork Rare Earth Project in Idaho, USA and the Cyclone Lithium Project and K Lithium Project in the James Bay region in Quebec, Canada.

In June 2022, Megado completed the acquisition 100% of the rights, title, and interest in the North Fork Rare Earth Project ('North Fork'), located in the mining-friendly Idaho Cobalt Belt region of Idaho, USA. Subsequently, Megado has acquired new lode claims in the project area. North Fork now consists of 526 (granted and in application), covering approximately 45km<sup>2</sup> with outcropping, high-grade, rare-earth element (REE) mineralised rock. It contains multiple carbonatite-hosted, high-grade, REE mineralised veins that have been observed at surface across numerous prospects over 10km along strike. Previous exploration has returned exceptional grades in channel samples. REE mineralisation displayed at North Fork is high-grade and enriched in critical rare earths (CREO), (typically Y, Nd, Tb, Dy, Eu). Idaho, where North Fork is located, is ranked the best mining policy jurisdiction in the world in 2020 by Fraser Institute.

In February 2023, Megado announced the acquisition of the Cyclone Lithium Project. The Project is in Quebec's James Bay region and centred on the Aquilon Greenstone Belt. The Project encompasses 130km<sup>2</sup> and includes 304 claims. Located within Category-III lands, the Cyclone Project does not carry any restrictions relating to mining or exploration according to the James Bay Agreement. The Project area is easily accessible year-round via the Trans Taiga Road, which transects the southern part of the Project area.

In September 2023, Megado acquired the K Lithium Project in Quebec, Canada. The Project is in Quebec's James Bay region and covers approximately 16km<sup>2</sup> (1,598 ha) and includes 35 claims within the La Grande Sub province.

#### **Forward Looking Statements**

This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook,' 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance, or achievements to be materially different from those expressed or implied by such forward-looking information.

#### **Competent Persons Statement**

Information in this "ASX Announcement" relating to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves has been compiled by Dr Chris Bowden who is a Fellow & Chartered Professional of the Australian Institute of Mining and Metallurgy and is Chief Geologist of Megado Minerals Ltd.

He has sufficient experience that is relevant to the types of deposits being explored for and qualifies as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code 2012 Edition). Dr Bowden has consented to the release of the announcement.

Dr Bowden has also obtained "Special Authorisation" from the Ordre des géologues du Québec to operate as a geologist in Quebec.



## Appendix 1: JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling	Nature and quality of sampling (e.g., cut channels,	The nature of results in the body of this ASX Release relate to
techniques	random chips, or specific specialised industry	rock sample assays from initial field reconnaissance.
	standard measurement tools appropriate to the	
	minerals under investigation, such as down hole	No visual estiamtes of mineralisation are being presented.
	gamma sondes, or handheld XRF instruments, etc.).	
	These examples should not be taken as limiting the	
	broad meaning of sampling.	
	Include reference to measures taken to ensure	Rock samples were selectively taken when pegmatite
	sample representivity and the appropriate	occurrences were observed. Samples were weighed and
	calibration of any measurement tools or systems	logged.
	used.	
	Aspects of the determination of mineralisation that	As discussed within the body of this release and elsewhere
	are Material to the Public Report.	within this JORC Table 1.
	In cases where 'industry standard' work has been	Rock sampling was done to industry standard levels.
	done this would be relatively simple (e.g. 'reverse	
	circulation drilling was used to obtain 1 m samples	
	from which 3 kg was pulverized to produce a 30 g	
	charge for fire assay'). In other cases, more	
	explanation may be required, such as where there is	
	coarse gold that has inherent sampling problems.	
	Unusual commodities or mineralisation types (e.g.,	
	submarine nodules) may warrant disclosure of	
	detailed information.	
Drilling	Drill type (e.g. core, reverse circulation, open-hole	Not applicable for this release, no drilling works done.
techniques	nammer, rotary air blast, auger, Bangka, sonic, etc.)	
	and details (e.g. core diameter, triple or standard	
	tube, depth of diamona tails, face-sampling bit or	
	other type, whether core is oriented and if so, by	
Drill cample	White method, etc.).	Not applicable for this release, no drilling works done
necovery	sample recoveries and results assessed	Not applicable for this release, no unlining works done.
recovery	Magguras taken to maximise sample recovery and	Not applicable for this release, no drilling works done
	ensure representative nature of the samples	Not applicable for this release, no drining works done.
	Whether a relationship exists between sample	Not applicable for this release, no drilling works done
	recovery and arade and whether sample hias may	Not applicable for this release, no unning works done.
	have occurred due to preferential loss/agin of	
	fine/coarse material	
Logging	Whether core and chin samples have been	Not applicable for this release, no drilling works done
Logging	aeologically and geotechnically logged to a level of	works done.
	detail to support appropriate Mineral Resource	
	estimation, mining studies and metallurgical	
	studies.	
	Whether logging is gualitative or guantitative in	Not applicable for this release, no drilling works done.
	nature. Core (or costean. channel. etc.)	
	photography.	
	The total length and percentage of the relevant	Not applicable for this release, no drilling works done.
	intersections logged.	
Sub-sampling	If core, whether cut or sawn and whether quarter,	Not applicable for this release, no drilling works done.
techniques and	half or all core taken.	
, sample	If non-core, whether riffled, tube sampled, rotary	Not applicable for this release, no drilling works done.
preparation	split, etc. and whether sampled wet or drv.	, , , , , , , , , , , , , , , , , , , ,
	For all sample types, the nature, quality and	Rock samples were selective in nature in order to determine
	appropriateness of the sample preparation	the extent of mineralisation. Given this is an initial exploration
	technique.	program, this is considered appropriate.
	Quality control procedures adopted for all sub-	Full Chain of Custody was maintained for the samples, from
	sampling stages to maximise representivity of	point of generation, to delivery to the laboratory.



Criteria	JORC Code explanation	Commentary
	samples.	
	Measures taken to ensure that the sampling is	Given the nature of first pass exploration, the selective rock
	representative of the in-situ material collected,	sampling was determined as appropriate.
	including for instance results for field	
	duplicate/second-half sampling.	
	Whether sample sizes are appropriate to the grain	Sample sizes were determined appropriate for the nature of
	size of the material being sampled.	the material being sampled.
Quality of assay	The nature, quality and appropriateness of the	66 samples (63 regular samples, 3 QAQC samples) were
data and	assaying and laboratory procedures used and	submitted to SGS Canada, an Internationally Certified
laboratory tests	whether the technique is considered partial or total.	laboratory.
		Samples were processed by sodium peroxide fusion (complete
		digestion), and analysed by combined ICP-OES and ICP-MS
		packages (SGS codes: GE_ICP91A50 and GE_IMS91A50).
	For geophysical tools, spectrometers, handheld XRF	Not applicable for this release, no additional tools used.
	instruments, etc., the parameters used in	
	determining the analysis including instrument make	
	and model, reading times, calibrations factors	
	applied and their derivation, etc.	
	Nature of quality control procedures adopted (e.g.,	CRM's (blind to lab) and a Blank were inserted into the sample
	standards, blanks, duplicates, external laboratory	dispatch in order to determine laboratory accuracy, and
	checks) and whether acceptable levels of accuracy	contamination. QAQC samples passed.
	(i.e. lack of bias) and precision have been	
	established.	Given the samples are first pass rock samples and will not form
		part of any future resource estimation, internal lab QAQC
		samples are considered appropriate at this stage of exploration
		for determination of precision.
Verification of	The verification of significant intersections by either	Fieldwork was conducted by in country Daroughe Geological
sampling and	independent or alternative company personnel.	Consulting (DGC) team, including Qualified Persons (P.Geo QC)
assaying		as defined by NI 43-101, and thus also qualify at JORC
		Competent Persons.
	The use of twinned holes.	Not applicable for this release, no drilling works done.
	Documentation of primary data, data entry	Digital copy of the mapping survey, report, maps, and GIS data
	procedures, data verification, data storage (physical	are stored on the company cloud server.
	Discuss any adjustment to accay data	Li nam (from Joh) was staishiomatrically converted to Li20 nam
	Discuss any adjustment to assay data.	Li ppin (from lab) was stolchometrically converted to Li2O ppin
		A number of fortility ratios were calculated from raw assay
		data
		Below detection limit results (eg <10nnm) were treated as half
		detection level (eg 5nnm) these data have no material impact
		on the results
Location of data	Accuracy and quality of surveys used to locate drill	Not applicable for this release no drilling works done thus no
points	holes (collar and down-hole surveys), trenches.	downhole surveys conducted.
points	mine workings and other locations used in Mineral	
	Resource estimation.	
	Specification of the arid system used.	NAD83 UTM Zone 18N and 19N
	<i>Ouality and adequacy of topographic control.</i>	Sample and outcrop locations recorded by handheld GPS with
		nominal error.
Data spacing	Data spacing for reporting of Exploration Results.	Data spacing was selective, but focused on remote sensing
and distribution		targets for pegmatite identification. Where large zones of
		pegmatites were encountered, systematic sampling (eg every
		100m) was done.
	Whether the data spacing and distribution is	Not applicable for this release, no Mineral Resource or Ore
	sufficient to establish the degree of geological and	Reserve estimations done.
	grade continuity appropriate for the Mineral	
	Resource and Ore Reserve estimation procedure(s)	
	and classifications applied.	
	Whether sample compositing has been applied.	No sample compositing has been applied.
	Whether the orientation of sampling achieves	Considered appropriate for this early stage of exploration.



Criteria	JORC Code explanation	Commentary
Orientation of	unbiased sampling of possible structures and the	
data in relation	extent to which this is known, considering the	
to geological	deposit type.	
structure	If the relationship between the drilling orientation	Not applicable for this release, no drilling works done.
	and the orientation of key mineralised structures is	
	considered to have introduced a sampling bias, this	
	should be assessed and reported if material.	
Sample security	The measures taken to ensure sample security.	Samples were under full 'Chain of Custody' from point of
		generation to delivery to the laboratory.
Audits or reviews	The results of any audits or reviews of sampling	Not applicable for this release, no audits or reviews were
	techniques and data.	conducted.

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)		
Criteria	JORC Code explanation	Commentary
Mineral	Type, reference name/number, location and	Information regarding tenure is included in the body of this
tenement and	ownership including agreements or material issues	release, and more specifically, within earlier releases outlining
land tenure	with third parties such as joint ventures,	the Cyclone acquisition.
status	partnerships, overriding royalties, native title	
	interests, historical sites, wilderness or national	
	park and environmental settings.	
	The security of the tenure held at the time of	The Concessions are believed to be in good standing with the
	reporting along with any known impediments to	governing authority and there is no known impediment to
	obtaining a license to operate in the area.	operating in the area.
Exploration done	Acknowledgment and appraisal of exploration by	Limited historical work has been completed in relation to
by other parties	other parties.	lithium.
		Historical work has been undertaken in relation to nickel and
		gold, however, none of these results have been independently
		verified.
		A geophysical survey was conducted by DGRM in 2022 which
		incorporated Heliborne Magnetics and TDEM acquisition. The
		survey was flown with traverse lines at 150m spacing and
		1000m tie lines at an average receiver height of 61m and
		transmitter height of 36m. The magnetometer used was a
		Geometrics G-822A and the TDEM system was ProspecTEM.
		Location data was collected using Omnistar DGPS.
		Although various magnetic and TDEM anomalies have been
		indicated by this survey, their materiality is yet to be
		determined until ground truthing can be carried out.
Geology	Deposit type, geological setting and style of	The Cyclone Project is within the La Grande Sub province, a
	mineralisation.	subdivision of the Superior Province. Within the Project area
		are two folded Greenstone belts. These include: the northern
		La Forge Greenstone Belt which consists of paragneisses with
		minor conglomerates and felsic tuffs; and the southern Aquilon
		Greenstone Belt which consist of metabasalts, komatiites,
		metasediments and calc alkaline felsic rocks. The Aquilon Belt
		(Cyclone Project) varies in width from 2 to 5 km and is over 50
		km long. Lithologies include tholeiitic metabasalts, ultramafic
		lavas, iron formation, metasediments and felsic volcanics.
		Plutonic rock of varying composition along with quartz veins,
		diabase and pegmatitic dykes crosscut rocks of the volcano
		sedimentary basin. Lithologies have undergone considerable
		deformation, faulting, and folding.
Drill hole	A summary of all information material to the	Not applicable for this release, no drilling works done.
Information	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 meters) of the drill hole	
	collar	



Criteria	JORC Code explanation	Commentary
	dip and azimuth of the hole	
	down hole length and interception depth	
	hole length.	
	If the exclusion of this information is justified on the	Not applicable for this release, no drilling works done
	basis that the information is not Material and this	
	exclusion does not detract from the understanding	
	of the report the Competent Person should clearly	
	evolain why this is the case	
Data	In reporting Exploration Results, weighting	Not applicable for this release, no weighted average
agaregation	averaging techniques maximum and/or minimum	techniques may/min grade truncations or cut-offs were used
methods	arade truncations (e.g., cutting of high grades) and	techniques, maximin grade trancations of cut-ons were used.
methous	cut off arades are usually Material and should be	
	stated	
	N/hara gagragata intercents incorporate short	Not applicable for this release, no drilling works done thus no
	longths of high grade results and longer longths of	data aggregation mothods were used
	lengths of high group results and longer lengths of	uala aggregation methous were used.
	iow grade results, the procedure used for such	
	aggregation should be stated and some typical	
	examples of such aggregations should be shown in	
	uelull.	Natan diashla far this ralasas, na rastal anuivalant values have
	anivalant values chould be clearly stated	hoor calculated
Palationshin	These relationships are particularly important in the	Sample results in this release are from selective rock grab
hetwoon	reporting of Exploration Results	and/or chin campling thus no relationship between
mineralisation	reporting of Exploration Results.	minoralisation widths and intercent lengths are being made
uidthe and		Net englisation which and intercept lengths are being made.
widths and	If the geometry of the mineralisation with respect	Not applicable for this release, no drilling works done.
intercept lengths	to the anii nole angle is known, its hatare should be	
	reported.	National task in fact this calculation and shiftly a superior share.
	ij it is not known and only the down note lengths	Not applicable for this release, no unling works done.
	are reported, there should be a clear statement to	
	(his ejject (e.g. down hole length, true width hot	
Diggrams	Appropriate maps and sections (with scales) and	Appropriate maps have been included in this ASX Polease
Diagrams	tabulations of intercents should be included for any	Appropriate maps have been included in this ASX Release.
	significant discovery being reported These should	
	include, but not be limited to a plan view of drill	
	hole collar locations and appropriate sectional	
Balanced	Where comprehensive reporting of all Exploration	All assay results for 63 regular samples (66 less $3 0 A O C$ )
reporting	Results is not practicable representative reporting	camples are plotted in graphs in this release
reporting	of both low and high grades and for widths should	samples are plotted in graphs in this release.
	be practiced to avoid micloading reporting of	
	Exploration Results	
Othor	Other exploration data, if meaningful and material	To the best of our knowledge, no meaningful and material
substantive	should be reported including (but not limited to):	evoloration data have been omitted from this ASY Belease
ovaloration data	should be reported including (but not initial to).	exploration data have been offitted from this ASX Release.
exploration autu	geological observations, geophysical survey results,	
	geochemical survey results, bark sumples - size and	
	method of treatment, metanurgical test results,	
	bulk density, groundwater, geotechnical and rock	
	characteristics; potential deleterious or	
E	contaminating substances.	
Further work	the nuture und scale of planned further Work (e.g.,	iviegado ivinerais is reviewing the data to determine the best
	lesis jui iuleiui extensions or deplii extensions or	way to advance the projects and will notify such plans once
	nuige-scule slep-out unining). Diagrams clogely bightighting the gross of goodities	Defer to figures in the main body of this ASY Polesse that
	evidential clearly myninghung the areas of possible	neier to ligures in the main body of this ASX Release that
	encensions, including the main geological	phows where works have been conducted, drid highlight
	this information is not commercially consisting	possible extensions and where future exploration campaigns
	this injormation is not commercially sensitive.	illay lucus.

