ADVANCED EXPLORATION FOR GOLD AND LITHIUM IN EEYOU ISTCHEE JAMES BAY, CANADA
CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This document contains forward-looking statements, which reflect the current expectations of the Company as at the date hereof with respect to future events. To the extent that any statements in this document contain information that is not historical, these statements are forward-looking statements and can often be identified by the use of words such as "expect", "anticipate", "estimate", “project”, "intend", "plan", and "believe".

Forward-looking statements take into account risks, uncertainties and other factors that could cause actual results to differ from those expressed or implied by such forward-looking statements. There are several factors that could cause such differences, including volatility and sensitivity to metal prices on the market, the impact of changes in the level of exchange rates of foreign currencies and interest rates, imprecision of reserve estimates, environmental risks including increased regulatory restrictions, unexpected geological conditions, adverse mining conditions, regulatory changes and government policies, including laws and policies, and the inability to obtain necessary permits and approvals from government authorities, and other risks associated with exploration and development.

Although the Company believes that the assumptions used in the forward-looking statements are reasonable, the reader should not place undue reliance on such forward-looking statements. The Company does not undertake, and assumes no obligation to update or revise any forward-looking statements contained herein to reflect new events or circumstances, unless required by applicable securities laws.

All amounts are in Canadian dollars unless otherwise indicated.
Sirios Resources Inc. is a Canadian-based mining exploration company focused on developing its portfolio of high-potential gold and lithium properties in the Eeyou Istchee James Bay region of Quebec.

**PROMISING PROJECTS**
- 1.4 Moz (Ind.) and 0.5 Moz (Inf.) of gold already delineated on Cheechoo
- High-grade gold system discovered on Aquilon
- New LITHIUM projects in development

**A STRATEGIC INVESTMENT**
- Long-term vision of creating shareholder value
- Great opportunity for investors looking for gold leverage
- Solid shareholders, including Newmont (World’s largest gold producer)

**A LEADING MINING JURISDICTION**
- Québec is among the most attractive places in the world for mining investment (6th in the world)\(^1\)
- All our projects located in a stable and safe region

**A RESPONSIBLE APPROACH**
- Sustained commitment to sustainable development (ECOLOGO® certification)
- Operations carried out according to the highest standards in terms of social practices and governance
- Building mutually beneficial relationships with the Cree communities of Eeyou Istchee is a priority for us

**PROVEN EXPERTISE**
- An unparalleled history of discoveries
- An experienced management team
- A highly qualified technical team

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\(^1\) Fraser Institute, Annual Survey of Mining Companies 2021
RENOWNED TEAM WITH A PROVEN TRACK RECORD

MANAGEMENT

DOMINIQUE DOUCET  
P.Eng.  
CEO & Director

FRÉDÉRIC SAHYOUNI  
B.Comm.  
CFO

SAMUEL MARTEL  
P.Eng., MBA, PMP  
Cheechoo Project Director

STRATEGIC ADVISORS

ROGER DOUCET  
B.Sc.

LOUIS MARTIN  
P.Geo.

INDEPENDENT DIRECTORS

ROBERT MÉNARD  
Chairperson

COLINDA PARENT  
ICD.D, CFA, MBA

LUC CLOUTIER

GUY LE BEL  
P.Eng., MBA
STRONG SHAREHOLDER SUPPORT

Stock Structure

<table>
<thead>
<tr>
<th>Stock Category</th>
<th>Amount</th>
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<tr>
<td>Market Capitalization</td>
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<tr>
<td>Shares Outstanding</td>
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<tr>
<td>Warrants</td>
<td>19.6M</td>
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<tr>
<td>Options</td>
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<td>Fully Diluted</td>
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<td>52 Week Range</td>
<td>$0.035 – 0.09</td>
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As of November 10, 2023

World's largest gold producer

Newmont 12%

Directors & Trustees 10%

Funds, Corporations 23%

TSX-V SOI

Others 55%

Capitalized in equal shares by CDPQ and Desjardins

Largest pension fund in Canada

Vancouver-based investment fund

Toronto-based fund investing in Can. exploration

Major Québec gov't fund investing in min. exploration

Quebec’s largest labor body

Quebec gov’t org. promoting dev. of nat. resources

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Vancouver-based investment fund

Toronto-based fund investing in Can. exploration

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Quebec’s largest labor body

Quebec gov’t org. promoting dev. of nat. resources

As of November 10, 2023
• World-famous favorable mining jurisdiction (Quebec)
• Multiple showings discovered on the properties
• Excellent infrastructure (roads, hydroelectricity)
SIRIOS' FLAGSHIP PROJECT

THE CHEECHOO PROPERTY
MAJOR DISCOVERY NEAR A NEWMONT GOLD MINE

ÉLÉONORE MINE

CHEECHOO DEPOSIT

ÉLÉONORE

CHEECHOO

15km

5km

CHEECHOO GOLD PROJECT | TSX-V SOI
• Discovered and fully owned\(^1\) by Sirios

• Easy access to infrastructures
  • Road access
  • Airstrip (Éléonore)
  • Hydro-electric power line
  • Cheechoo exploration camp
  • Fiber Optic, 3G / LTE Network

• AEMQ’s Discovery of the Year 2016

\(^1\) With 2.5 to 4% royalty to Gold Royalty.
• Opinaca meta-sedimentary subprovince (2700-2648 Ma)

• La Grande volcano-plutonic subprovince (2880 Ma)

• Regional context similar to Éléonore
GEOLOGY OF THE CHEECHOO DEPOSIT

• The gold mineralization is mainly found in a **tonalite intrusion** surrounded by metasediments (meta-greywackes)

• The mineralized tonalite is **silicified**, **albite-rich** and cut by **pegmatite** dykes

• The tonalite contains varying amounts of amphibole, biotite, chlorite, diopside, tourmaline and **scheelite**
• Mineralization often associated with mm-cm quartz-feldspar sheeted or stockwerk veins and veinlets

• Mineralization associated with a very low quantity of sulphides (<1% Po, As, Py)

• Free and coarse gold

• Frequent visible gold

• Mineralization typical of a Reduced Intrusion-related Gold System (RIRGS)\(^1\)

• Several high-grade gold zones included in a low-grade envelope

\(^1\) For more information on RIRGS, see: [https://www.researchgate.net/publication/277131625_Reduced_Intrusion-related_Gold_Systems](https://www.researchgate.net/publication/277131625_Reduced_Intrusion-related_Gold_Systems)
2022 RESOURCE ESTIMATE UPDATE*

**INDICATED RESOURCES**

- **1.4 Moz**
- **46 Mt**
- **0.94 g/t**

**INFERRED RESOURCES**

- **0.5 Moz**
- **21 Mt**
- **0.73 g/t**

*Official Mineral Resource Estimation: Indicated Resources of 1,404,000 ounces of gold (Au oz) contained in 46.3 millions of tonnes (Mt) at a 0.94 gram of gold per tonne average grade (Au g/t). Detailed information can be found in the NI 43-101 technical report produced by BBA inc. and titled "Mineral Resource Estimate Update for the Cheechoo Project", which will be filed before February 1st 2023 and will be available on www.sedar.com and www.sirios.com. Mineral resources are reported at a cut-off grade of 0.35 g/t. The cut-off grade and pit optimization was calculated using the following parameters (amongst others): Gold price = USD 1,650, CAD:USD exchange rate = 1.29, Hard Rock Mining cost = $2.90/t mined with incremental bench costs of 0.05$ per 10m bench, Overburden Mining Cost = $5.00/t mined, Mining Recovery = 95%, Mining dilution = 5% at 0g/t Au, Metallurgical Recovery varying from 84% to 92%, Processing cost = $14.57/t processed, G&A = $5.42/t processed, Refining and Transportation cost = $5.00/oz. See Appendix I for full notes to the MRE results.

**Strip ratio** (W:O) **2.3 : 1**
• **Excellent gold recovery** (up to 97.1%)

• **Free gold**, often coarse

• Potential for flotation of the gravity process’ tailings

• Low-polluting (< 0.2% sulfides in the tailings)

Cheechoo’s mineralization mostly included in: **tonalite (80%)** and **pegmatite (15%)**
THE CHEECHOO GOLD PROJECT

ENVIRONMENTAL & SOCIAL COMMITMENT
**CHEECHOO’S 4 DEVELOPMENT PRIORITIES**

1. Welcome the neighbouring Cree communities as central partners in Cheechoo’s development
   - Pursue strong and open dialogue with the Cree Nation of Wemindji
   - Provide employment and business opportunities to Eeyou Istchee’s Cree communities

2. Protect the environment
   - Special focus on water quality protection
   - Project closure and rehabilitation to include future vision of land users

3. Promote usage of clean electrical power
   - Access to hydro-power energy
   - Promote eco-friendly mining processes, mining equipment and surface mobile equipment
   - Limit CO₂ emissions

4. Develop an efficient, innovative and profitable mining operation
   - Integrate innovation, newest technologies and best practices trainings
THE CHEECHOO GOLD PROJECT
OUTLOOK
• The vast majority of the gold mineralization found so far is in a **tonalite intrusion** surrounded by metasediments.

• During the summer of 2022, Sirios discovered **gold mineralization** at surface in the **underexplored metasediments area** (see the 8/11/2022 Press Release).
CENTRAL PART OF TRENCH 2022-B
See the 8/11/2022 Press Release

2.65 g/t Au over 11 m

CHEECHOO PROPERTY
Eyouch Istche Baie-James, Quebec
THE CHEECHOO PROJECT CONTINUES TO GATHER MOMENTUM

November 2022:
New mineralization discovered in metasediments

June 2022:
Camp infrastructure improved

April 2022:
Expansion of the Cheechoo Property

Spring 2022:
1-kg Re-assay Program

June 2022:
Road access improved

November 2023:
Metasediments area drilling

June 2022:
Road access improved

December 2022:
Mineral Resource Estimate Update

THE CHEECHOO PROJECT CONTINUES TO GATHER MOMENTUM
ADVANCED EXPLORATION FOR HIGH-GRADE GOLD

THE AQUILON PROPERTY
AQUILON: AT THE CENTER OF A HIGHLY PROSPECTIVE CONTEXT

- Located in a large-scale fold hinge in a greenstone belt featuring several gold showings (along the Wolf Gold-bearing corridor)
- Easy year-round access (all-weather road, nearby airstrip and helipad, nearby fully equipped lodging)
Lode gold mineralization occurs along the Wolf Gold-beari
Corridor

- The Lingo-3 West, Fleur-de-Lys, Moman and Red Toad showings are located within the corridor and form shallow plunging ore shoots with a N-NE orientation.
- Showings such as Nouska, Isabelle, Muscovite Ouest, Lingo Sud, Lingo-3 East, Grenouille 1 and Grenouille 2 potentially form similar structurally oriented ore shoots.

Grab samples, drill holes and ore shoots

Ore shoot

Auxiliary Details:

- g/t Au
- 4 km
- The Wolf Gold-bearing Corridor

Geographic Features:
- Lingo-3 West
- Fleur-de-Lys
- Moman
- Red Toad
Vein-type Gold Showing
Gold Showing associated with disseminated sulphides

Drillhole
Drill Intercept
Channel Sample

MOMAN
3.9 m @ 370.1 g/t Au
incl. 0.4 m @ 3,527.4 g/t Au
0.6 m @ 419.0 g/t Au
5.1 m @ 56.4 g/t Au
incl. 0.3 m @ 584.0 g/t Au
2.1 m @ 250.5 g/t Au

RED TOAD
3.5 m @ 12.3 g/t Au
incl. 0.2 m @ 108.0 g/t Au

FLEUR-DE-LYS
2.3 m @ 48.2 g/t Au
incl. 0.4 m @ 183.5 g/t Au
3.5 m @ 307.6 g/t Au

LINGO-3 WEST
0.8 m @ 3,230.9 g/t Au
incl. 0.2 m @ 12,906.5 g/t Au
2.3 m @ 34.7 g/t Au
incl. 0.4 m @ 110.5 g/t Au
1.5 m @ 113.1 g/t Au
incl. 0.4 m @ 283.0 g/t Au

NOUSKA-ELLE
0.7 m @ 21.9 g/t Au

NOUSKA SOUTH
1.1 m @ 4.0 g/t Au

LINGO-3 SOUTH
1.0 m @ 103.9 g/t Au

GRENOUILLE 2
1.0 m @ 20.0 g/t Au

LINGO-3 WEST
2.1 m @ 250.5 g/t Au

NOUSKA-ELLE
0.7 m @ 21.9 g/t Au

NOUSKA SOUTH
1.1 m @ 4.0 g/t Au

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GRENOUILLE 2
1.0 m @ 20.0 g/t Au

Vein-type Gold Showing
Gold Showing associated with disseminated sulphides
Drillhole
Drill Intercept
Channel Sample

32 GOLD SHOWINGS DISCOVERED SO FAR!
HIGH-GRADE GOLD MINERALIZATION

- Orogenic lode gold mineralization

- High-grade multi-folded coarse gold-bearing quartz veins sub-parallel to the main ENE-WSW foliation (e.g. Lingo-3 West, Moman and Fleur-de-Lys showings)

- Strongly asymmetrically folded veins plunging parallel to the stretching lineation along the Wolf Gold-bearing Corridor

- Thickening of quartz veins in fold noses forming shallow dipping NNE plunging ore shoots

- Wallrock hydrothermal alteration consists of enrichment with sericite and weak pyritization

- Minor amount of sulphides (pyrite-pyrrhotite ±chalcopyrite ±sphalerite ±galena) and tellurides
VERY HIGH-GRADE EXAMPLE: THE MOMAN SHOWING

Tonalite

Basalt

8.53 g/t Au
32.5 g/t Au
14.35 g/t Au
14.35 g/t Au
3,527.4 g/t Au
26.3 g/t Au
1.15 g/t Au
11.85 g/t Au
0.11 g/t Au
0.12 g/t Au
0.12 g/t Au

MO-10-01

AQUILON GOLD PROJECT | TSX-V SOI
DISSEMINATED SULPHIDES GOLD MINERALIZATION

- Gold mineralization (+/- Ag-Cu-Zn) associated with disseminated to semi-massive sulphide-bearing horizons (pyrite-pyrrhotite ± chalcopyrite)

- Hosted in:

1. **Felsic to intermediate volcanioclastics**
   (Small Moose, Choco, Blueberry Wolf and Sortilèges Dorés showings)

2. **Basalts**
   (Sortilèges Dorés 1 West showing)

3. **Lapilli tuff**
   (Chicoutai East showing)

4. **Tonalite**
   (Slowdance showing)
DISSEMINATED SULPHIDES EXAMPLE: THE SLOWDANCE SHOWING

Diorite

Tonalite

0.25 g/t Au

4.63 g/t Au

0.15 g/t Au
As of March 2020:

• **13,650 m of drilling** (213 holes)

• Historical drilling mostly concentrated on 4 very small areas (Lingo, Fleur-de-Lys, Moman and Red Toad)

• 70% of holes are less than **100 m** in length
• **All 32 gold showings** discovered so far are at surface level and were located with only ground prospecting

• Therefore, there is significant potential across the property to discover new mineralization in overburden-covered areas (most of Aquilon)

• This is why Sirios plans to carry out **large-scale geophysical and geochemical soil surveys** as well as systematic till and rock sampling (including outside the Wolf Gold-bearing Corridor)
ALL KNOWN GOLD SHOWINGS ARE OUTCROPPING
THE AQUILON GOLD PROJECT
NEW VISION
AQUILON: SIGNIFICANT POTENTIAL FOR NEW DISCOVERIES

• Aquilon is located in a highly prospective greenstone belt with multiple gold showings already discovered, with 2 different types of gold mineralization. However, a large part of the property remains unexplored.

• While most historical exploration efforts were focused on a relatively small area (the Wolf Gold-bearing Corridor), Sirios now plans a large-scale approach.

• To locate new undercover gold showings, Sirios plans to carry out large-scale geophysical and geochemical surveys.
THE AQUILON GOLD PROJECT

NEW PARTNER
$14.8M OPTION AGREEMENT (announced Dec. 19, 2022) with Sumitomo Metal Mining Canada Ltd.

- Sumitomo can earn a 51% interest by paying a sum of $200,000 at signing to Sirios and incurring an aggregate of $4.6 million in mineral exploration expenditures (before the third anniversary of the option agreement)
- A firm commitment of $1.6-million will be spent on the property during the first 3 years of the agreement
- Sumitomo can earn an additional 29% interest, for an aggregate of 80%, by incurring an additional aggregate of $10 million in mineral exploration expenditures (before the sixth anniversary of the option agreement)
- Following the earn-in of an 80% interest, Sumitomo and Sirios will form a joint venture
- If a joint venture participant’s interest is diluted to below 10%, its interest will be converted to a NSR royalty of 2%
- Sirios will be the operator during the earn-in period and will be paid a 10% management fee
- Sirios and Sumitomo will hold regular technical meetings to determine the best way forward for the project
We are honoured and very pleased to start working with Sumitomo to kick off a rigorous and systematic exploration program on the Aquilon property. We believe that this property is very prospective and remains underexplored considering the variety of favourable geological contexts in which numerous high-grade gold showings have been discovered. Aquilon is a high-priority project for Sirios and we look forward to advancing the project with a partner who has the financial and technical capacities to develop discoveries into mining projects.

Dominique Doucet, Sirios CEO
THE AQUILON GOLD PROJECT
NEW EXPLORATION PROGRAM
NEW EXPLORATION PROGRAM

• New systematic 2023-2025 exploration program launched following the option agreement with Sumitomo Metal Mining Canada (Dec. 2022)

Recently completed surveys:

<table>
<thead>
<tr>
<th>Survey Description</th>
<th>Completion Date</th>
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<tr>
<td>Large-scale till and B-Horizon geochemical survey</td>
<td>March 2023</td>
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<tr>
<td>40-line km of Induced Polarization (IP) ground geophysical survey</td>
<td>March 2023</td>
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<tr>
<td>Property-wide airborne LiDAR survey</td>
<td>June 2023</td>
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<tr>
<td>Mapping and rock sampling on 12 mechanically excavated trenches</td>
<td>September 2023</td>
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<tr>
<td>Property-wide soil geochemical survey</td>
<td>September 2023</td>
</tr>
<tr>
<td>Property-wide in-depth structural study</td>
<td>September 2023</td>
</tr>
<tr>
<td>Borehole survey</td>
<td>September 2023</td>
</tr>
<tr>
<td>Drone geophysical survey</td>
<td>September 2023</td>
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• An in-depth review of the new geochemical and geophysical data as well as new 3D geological modelling will generate new drilling targets throughout the property
GOLD EXPLORATION PROJECT

THE MASKWA PROPERTY
MASKWA: FOCUS ON A HIGHLY PROSPECTIVE CONTACT

- Straddles the highly prospective Opinaca / La Grande contact
- Located next to Au and PGE showings
- Multiple Au-PGE-W anomalies discovered during the 2020 Till Survey
Platinum (Pt) and Palladium (Pd) arseniures as well as Tungsten (W) minerals are considered indicator minerals for certain types of gold deposits.

IOS Services Géoscientifiques Report
LITHIUM
EXPLORATION POTENTIAL
Several properties of Sirios are promising for lithium:

- **Strategic position** in the James Bay region (1,618 claims)
- **MASKWA**: significant lithium geochemical anomalies (lake-bottom sediments);
- **LI-52**: new lithium project based on strong lithium lake-bottom sediment anomalies;
- **CHEECHOO**: presence of unexplored kilometric pegmatite dykes.
Based on 5,371 LBS samples across the James Bay region.

Data sources: Sirios, MRNF (Québec) and other data in the public domain.
LI-52 PROPERTY
Eeyou Istchee James Bay, Québec

Li-52: Lithium Lake-Bottom Anomalies

- Li-52 Property
- Road Access
- Power Line
- Lake-Bottom Sediment

Data sources: Sirios, MRNF (Québec) and other data in the public domain.

Based on 5,371 LBS samples across the James Bay region.

FIGURE 1
Notes to the MRE Table:

1. The independent qualified person for the 2022 MRE, as defined by NI 43-101 guidelines, is Pierre-Luc Richard, P. Geo., of PLR Resources Inc. The effective date of the estimate is July 20, 2022.

2. These mineral resources are not mineral reserves as they do not have demonstrated economic viability. The quantity and grade of reported Inferred resources in this MRE are uncertain in nature and there has been insufficient exploration to define these resources as Indicated or Measured; however, it is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.

3. Resources are presented as undiluted and pit constrained, and are considered to have reasonable prospects for economic extraction. A cut-off grade of 0.35 g/t Au was used for the MRE. The pit optimization was done using Deswik mining software. The constraining pit shell was developed using pit slopes of 45 to 50 degrees in hard rock and 26 degrees in overburden. The cut-off grade and pit optimization were calculated using the following parameters (amongst others): Gold price = USD1,650; CAD:USD exchange rate = 1.29; Hard Rock Mining cost = $2.90/t mined with incremental bench costs of $0.05 per 10 m bench; Overburden Mining Cost = $5.00/t mined; Mining Recovery = 95%; Mining dilution = 5% at 0 g/t Au; Metallurgical Recovery varying from 84% to 92%; Processing cost = $14.57/t processed; G&A = $5.42/t processed; and Refining and Transportation cost = $5.00/oz. The conceptual pit-constrained resource has a 2.3:1 stripping ratio at the 0.35g/t Au cut-off grade. The cut-off grade will be re-evaluated in light of future prevailing market conditions and costs.

4. The MRE was prepared using Surpac 2022 Refresh 1 and is based on 329 surface drillholes (76,713m) and 386 surface channel samples (3,217m), with a total of 55,566 assays. The resource database was validated before proceeding to the resource estimation. Grade model resource estimation was interpolated from drillhole and channel data using an OK interpolation method within blocks measuring 10 m x 10 m x 10 m in size. The cut-off date for drillhole database was July 20, 2022.

5. The model comprises 20 mineralized zones (which have a minimum thickness of 3 m, with rare exceptions mostly between 2 and 3m), and two low-grade mineralized body mostly included in the tonalite intrusive unit, each defined by drillhole intercepts. The block model was reblocked to 10m x 10m x 10m using the weighted average grade and tonnage from high-grade and low-grade zones.

6. High-grade capping was done on the composited assay data and established on a per zone basis. Capping grades vary from 3 g/t Au to 55 g/t Au. A value of zero grade was applied in cases where core was not assayed.

7. Fixed density values were established on a per unit basis, corresponding to the median of the SG data of each unit ranging from 2.65 t/m3 to 2.76 t/m3. A fixed density of 2.00 t/m3 was assigned to the overburden.

8. The MRE presented herein is categorized as Indicated and Inferred Resources. The Indicated Mineral Resource category is defined for blocks that are informed by a minimum of two drillholes where drill spacing is less than 50 m for the intrusive-related mineralization applied to 10x10x10m reblocks. The Inferred Mineral Resource category is defined for blocks that are informed by a minimum of two drillholes where drill spacing is less than 100 m for the intrusive-related mineralization applied to 10x10x10m reblocks. Where needed, some materials have been either upgraded or downgraded to avoid isolated blocks.

9. The number of tonnes (metric) and ounces were rounded to the nearest hundred thousand.

10. CIM definitions and guidelines for mineral resource estimates have been followed.