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ASX: GAL

## Corporate Directory

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Brad Underwood

#### Non-Executive Director

Noel O'Brien

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Fraser Range Project  
Nickel-Copper-Cobalt

Norseman Project  
Palladium-Nickel-Cobalt



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# MAJOR PALLADIUM-PLATINUM DISCOVERY AT NORSEMAN

## Highlights

- Discovery drillhole at Galileo's Norseman project returns significant palladium-platinum-gold-copper-nickel mineralisation over 33 metres;
  - 33 metres @ 2.00 g/t 3E <sup>(1)</sup> (1.64 g/t Pd, 0.28 g/t Pt, 0.09 g/t Au), 0.32% Cu & 0.30% Ni from 144m (NRC266) including
    - 6 metres @ 2.69 g/t 3E (2.21 g/t Pd, 0.37 g/t Pt, 0.11 g/t Au), 0.41% Cu & 0.36% Ni from 159m and
    - 1 metre @ 3.21 g/t 3E (2.66 g/t Pd, 0.41 g/t Pt, 0.14 g/t Au), 0.48% Cu & 0.46% Ni from 176m
- 33 metre assayed intersection occurs within a wider 55 metre disseminated sulphide zone (126 – 181m) indicating the potential for a large mineralised system
- Geological similarities to South Africa's extensive Platreef palladium-platinum-gold-rhodium-copper-nickel deposits
- Assays from a further five drill holes <sup>(2)</sup> are pending as well as the remainder of NRC266. Strong geological continuity between drill holes with all drill holes intersecting disseminated sulphides
- Discovery is on a granted mine lease with potential for accelerated development if resource drilling is successful
- Mine Lease prospect renamed the Callisto discovery
- Drilled thickness of the sulphide zone is increasing to the east towards the priority target area and with five kilometres of untested prospective strike length
- NRC266 discovery hole samples are currently being assayed for rhodium and all other platinum group elements
- Callisto discovery defines a new palladium-platinum province in which Galileo controls all of the most prospective ground

(1) 3E = Palladium (Pd) + Platinum (Pt) + Gold (Au) in g/t

(2) See Galileo ASX Announcement dated 4<sup>th</sup> May 2022.

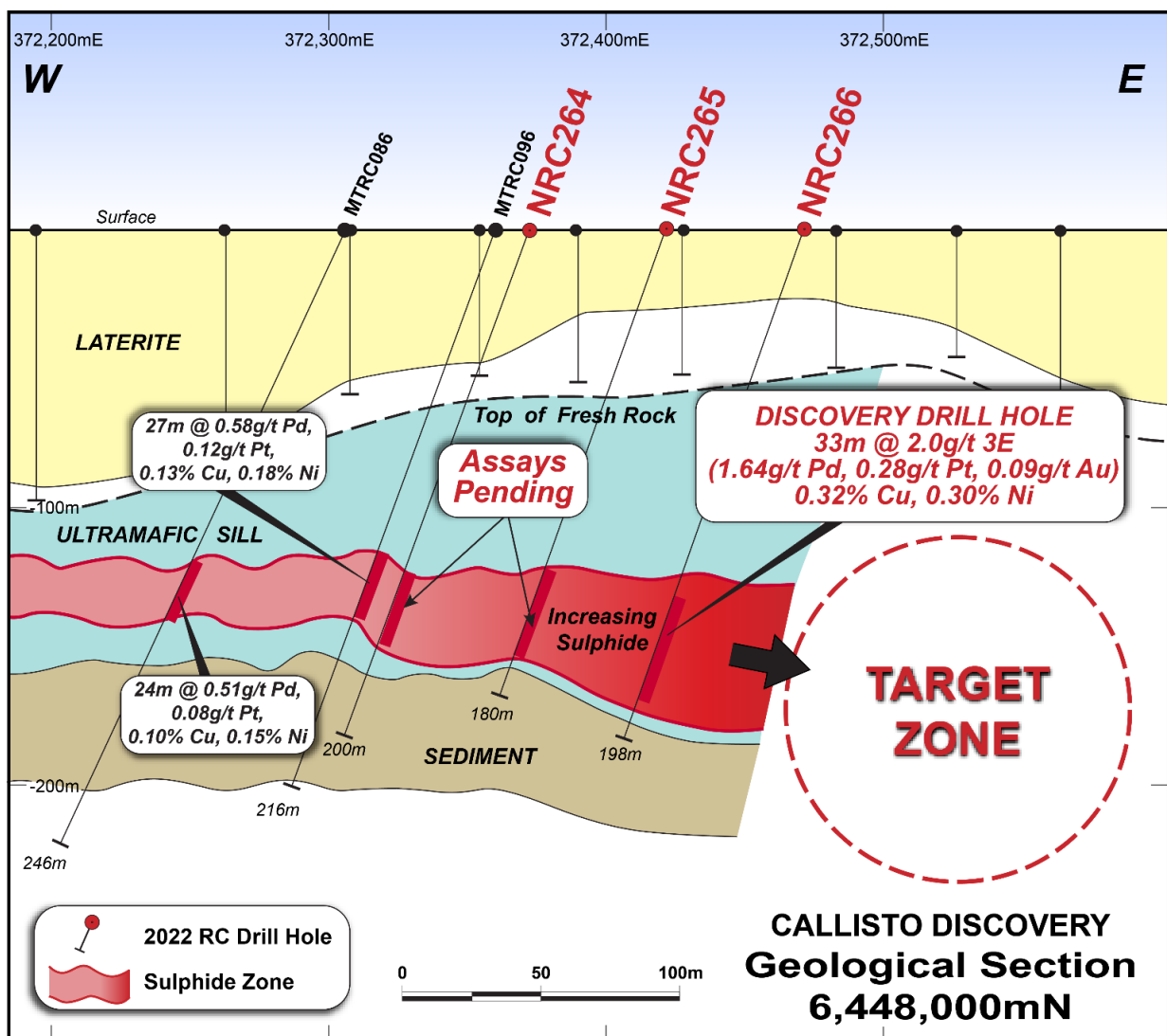
**Galileo Mining Ltd** (ASX: GAL, "Galileo" or the "Company") is pleased to announce the discovery of significant palladium-platinum-copper-nickel-sulphide at the Company's 100% owned Norseman project in Western Australia.

Galileo's Managing Director Brad Underwood commented; "This an exceptional result from our Norseman project and, with every drill hole undertaken so far intersecting mineralisation, we are hopeful that the initial drill hole will translate into a high-quality resource for mining. While we are at an early stage in the discovery process, the thick and consistent zone of mineralisation, and the extensive prospective strike length, suggests the potential for a large mineralised system.

In addition to Callisto we also have multiple PGE-nickel-copper targets at our Jimberlana and Mission Sill prospects to the south that offer new opportunities for further discoveries.

Galileo remains fully funded with \$8.2 million at the end of the March quarter and able to continue aggressive exploration programs at all our projects. We look forward to updating the market as work progresses on this exciting new West Australian discovery."

**Figure 1 — Callisto discovery drill hole section (NRC266). NRC264 and NRC265 assays are pending.**



**Table 1: Significant intersections for drill hole NRC266. Assay details are reported in Appendix 1. Rounding has a slight effect on the calculation of 3E for the interval 144 to 177m.**

| Hole ID   | From (m) | To (m) | Interval (m) | Palladium (g/t) | Platinum (g/t) | Gold (g/t) | 3E (Pd+ Pt+ Au; g/t) | Copper (%) | Nickel (%) |
|-----------|----------|--------|--------------|-----------------|----------------|------------|----------------------|------------|------------|
| NRC266    | 144      | 177    | 33           | 1.64            | 0.28           | 0.09       | 2.00                 | 0.32       | 0.30       |
| including | 159      | 165    | 6            | 2.21            | 0.37           | 0.11       | 2.69                 | 0.41       | 0.36       |
| and       | 176      | 177    | 1            | 2.66            | 0.41           | 0.14       | 3.21                 | 0.48       | 0.46       |

Six holes for 1,142 metres were drilled at Callisto (see ASX announcement dated 4<sup>th</sup> May 2022). The target is a mineralised sulphide unit developed at the base of an ultramafic sill where it intrudes into a package of sedimentary rocks. Every drill hole exhibits a consistent geological pattern in downhole logging – weak disseminated sulphides/disseminated sulphides/weak disseminated sulphides/(ultramafic)/sediment. Drill holes were completed on two east-west lines spaced 50 metres apart with a 50-metre drill spacing along the lines. Figure 1 shows the drill section through 6,448,000 north with the discovery drill hole NRC266. Drill hole NRC266 recorded the widest interval of sulphide mineralisation with sulphide abundance increasing to the east in the drilling. The zone to the east of NRC266 is now a priority target for drill testing. Figure 3 shows a plan view of the drill holes with the target zone to the east of the current drilling.

**Figure 2 - Example of disseminated sulphides in RC chips from the Callisto discovery (patchy disseminated sulphide in NRC264, downhole depths as marked)**





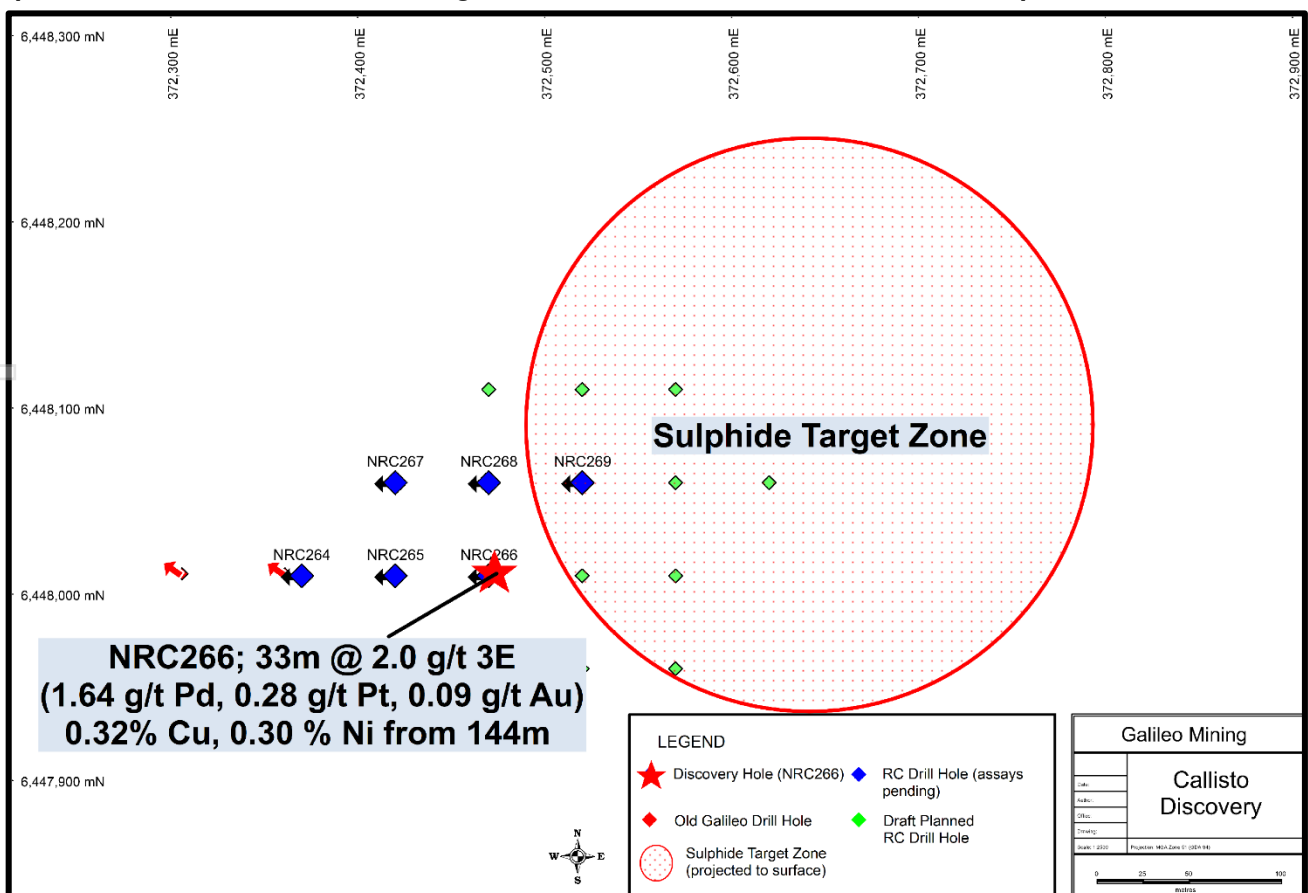
Laboratory assays for the remaining drilling at Callisto (NRC264, NRC265, NRC267-NRC269, and remaining sections of NRC266) are expected in approximately six weeks.

The initial samples from NRC266 have been re-submitted to the laboratory for nickel sulphide collection fire assay (to test for rhodium, osmium, ruthenium, iridium, palladium, platinum, gold). Significant prospectivity could be added to the area if the samples are found to contain rhodium or other PGE metals.

Down hole EM surveying of NRC266 and NRC269 is currently underway with survey results to assist with the design of upcoming drilling. RC drilling will resume at Callisto as soon as possible and with the expectation that this will occur in mid-June.

Initial appraisal of the results from Callisto indicates similarities in mineralisation style to the Platreef deposits on the northern limb of the Bushveld Complex in South Africa. Mineralisation at Platreef is contained within disseminated sulphides of less than 1% to more than 25% with very rare massive sulphide. Drilling to date at Callisto has intercepted disseminated sulphide of less than 5% with sulphides increasing to the east. The Platreef deposits are very large in nature and have combined indicated resources of >700Mt at a 1 g/t 3PE+Au cut off <sup>(3)</sup>. Contained metals at Platreef include palladium, platinum, gold, rhodium, copper, and nickel.

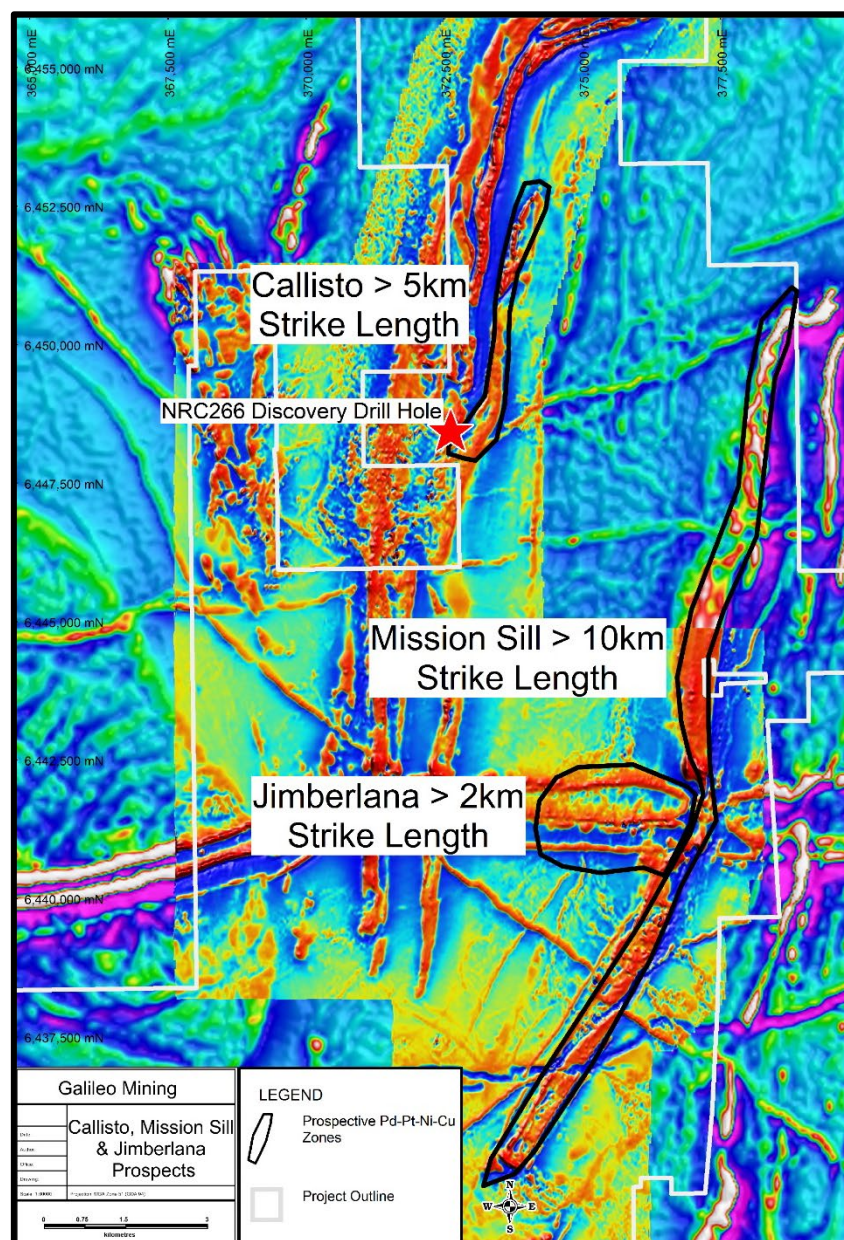
**Figure 3 – Plan view of discovery drill hole NRC266 with priority sulphide target zone and draft planned RC drill holes. More drilling will be undertaken than shown in the draft plan.**



(3) Platreef Integrated Development Plan 2020. Ivanhoe Mines Ltd.

Figure 4 shows the extent of Galileo's Norseman project area with the interpreted palladium-platinum-copper-nickel prospective zones. Galileo controls virtually all of the prospective areas and it is noteworthy that significant early-stage palladium results in aircore drilling have been returned from both the Mission Sill and Jimberlana prospects (see five separate ASX announcements released between 3<sup>rd</sup> March 2022 and 28<sup>th</sup> March 2022). Further work on these prospects will be undertaken in conjunction with ongoing work at the Callisto discovery.

**Figure 4 – Norseman Project with Callisto, Mission Sill and Jimberlana prospects outlined, over TMI1VD magnetic image.**





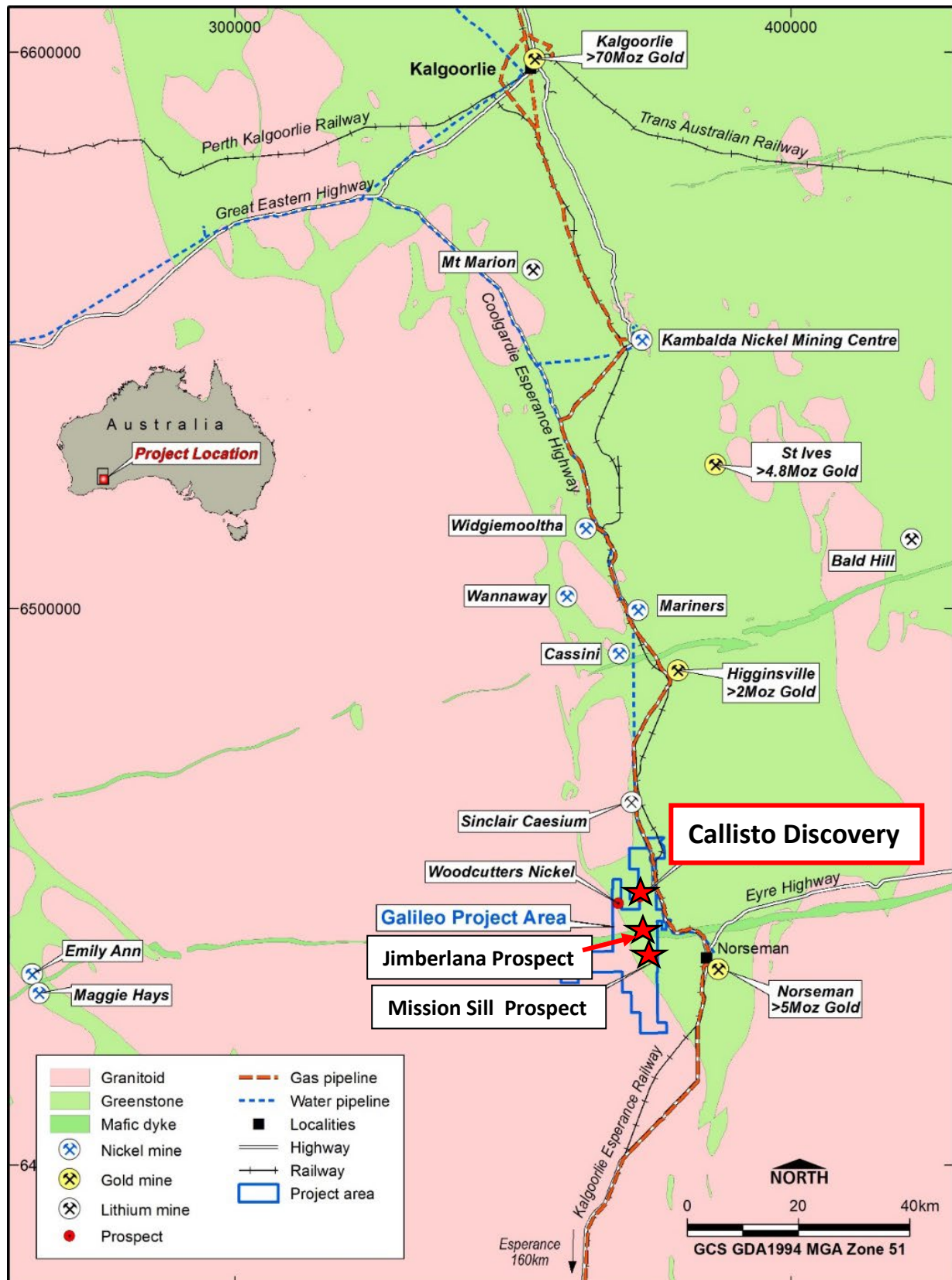
**Figure 5 – RC Drilling at Callisto, Norseman 2022**



**Forward work program in 2022 at the Norseman project**

- 1) Assaying of all drill holes from the current RC program
- 2) Down hole EM surveying of selected drill holes to assist with next stage of drill targeting
- 3) Petrography of selected samples to determine precise rock classifications (as a guide to mineral fertility and prospectivity)
- 4) **2,000 to 5,000 metre RC drill program at the Callisto priority sulphide zone**
- 5) RC drilling of EM and geochemical targets at the Jimberlana prospect
- 6) IP and surface EM surveying of geological and geochemical targets at the Mission Sill prospect
- 7) Aircore drilling of 4 km untested prospective contact zone at the Mission Sill prospect
- 8) RC drill testing of geophysical and geochemical targets at the Mission Sill prospect

Figure 6 – Norseman project location map with a selection of regional mines and infrastructure



## Competent Person Statement

The information in this report that relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Mr Brad Underwood, a Member of the Australasian Institute of Mining and Metallurgy, and a full time employee of Galileo Mining Ltd. Mr Underwood has sufficient experience that is relevant to the styles of mineralisation and types of deposit under consideration, and to the activity being undertaken, 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" (JORC Code). Mr Underwood consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

With regard to the Company's ASX Announcements referenced in the above Announcement, the Company is not aware of any new information or data that materially affects the information included in the Announcements.

**Authorised for release by the Galileo Board of Directors.**

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### About Galileo Mining:

Galileo Mining Ltd (ASX: GAL) is focussed on the exploration and development of nickel, palladium, copper, and cobalt resources in Western Australia. GAL has Joint Ventures with the Creasy Group over tenements in the Fraser Range which are highly prospective for nickel-copper sulphide deposits similar to the operating Nova mine. GAL also holds tenements near Norseman with over 26,000 tonnes of contained cobalt, and 122,000 tonnes of contained nickel, in JORC compliant resources (see JORC Table below).

*JORC Mineral Resource Estimates for the Norseman Cobalt Project ("Estimates") (refer to ASX "Prospectus" announcement dated May 25<sup>th</sup> 2018 and ASX announcement dated 11<sup>th</sup> December 2018, accessible at <http://www.galileomining.com.au/investors/asx-announcements/>). Galileo confirms that all material assumptions and technical parameters underpinning the Estimates continue to apply and have not materially changed).*

| Cut-off<br>Cobalt %            | Class     | Tonnes Mt | Co   |        | Ni   |         |
|--------------------------------|-----------|-----------|------|--------|------|---------|
|                                |           |           | %    | Tonnes | %    | Tonnes  |
| MT THIRSTY SILL                |           |           |      |        |      |         |
| 0.06 %                         | Indicated | 10.5      | 0.12 | 12,100 | 0.58 | 60,800  |
|                                | Inferred  | 2.0       | 0.11 | 2,200  | 0.51 | 10,200  |
|                                | Total     | 12.5      | 0.11 | 14,300 | 0.57 | 71,100  |
| MISSION SILL                   |           |           |      |        |      |         |
| 0.06 %                         | Inferred  | 7.7       | 0.11 | 8,200  | 0.45 | 35,000  |
| GOBLIN                         |           |           |      |        |      |         |
| 0.06 %                         | Inferred  | 4.9       | 0.08 | 4,100  | 0.36 | 16,400  |
| TOTAL JORC COMPLIANT RESOURCES |           |           |      |        |      |         |
| 0.06 %                         | Total     | 25.1      | 0.11 | 26,600 | 0.49 | 122,500 |



### Appendix 1:

**NRC266 Assay Data; 144m to 177m; rounded to 2 decimal places; 3E = Pd+Pt+Au**

| Hole ID | From (m) | To (m) | Interval | Pd (g/t) | Pt (g/t) | Au (g/t) | 3E (g/t) | Cu (%) | Ni (%) | Co (%) |
|---------|----------|--------|----------|----------|----------|----------|----------|--------|--------|--------|
| NRC266  | 144      | 145    | 1        | 0.75     | 0.11     | 0.06     | 0.92     | 0.27   | 0.21   | 0.01   |
| NRC266  | 145      | 146    | 1        | 1.14     | 0.20     | 0.09     | 1.43     | 0.37   | 0.27   | 0.01   |
| NRC266  | 146      | 147    | 1        | 1.22     | 0.21     | 0.07     | 1.50     | 0.32   | 0.26   | 0.01   |
| NRC266  | 147      | 148    | 1        | 1.58     | 0.23     | 0.08     | 1.89     | 0.37   | 0.29   | 0.02   |
| NRC266  | 148      | 149    | 1        | 1.08     | 0.18     | 0.07     | 1.33     | 0.33   | 0.25   | 0.01   |
| NRC266  | 149      | 150    | 1        | 0.75     | 0.13     | 0.05     | 0.92     | 0.20   | 0.20   | 0.01   |
| NRC266  | 150      | 151    | 1        | 1.76     | 0.26     | 0.12     | 2.14     | 0.38   | 0.31   | 0.02   |
| NRC266  | 151      | 152    | 1        | 1.76     | 0.30     | 0.09     | 2.14     | 0.34   | 0.34   | 0.02   |
| NRC266  | 152      | 153    | 1        | 1.71     | 0.29     | 0.08     | 2.07     | 0.26   | 0.33   | 0.02   |
| NRC266  | 153      | 154    | 1        | 1.35     | 0.22     | 0.07     | 1.64     | 0.23   | 0.26   | 0.01   |
| NRC266  | 154      | 155    | 1        | 1.57     | 0.25     | 0.08     | 1.90     | 0.28   | 0.30   | 0.02   |
| NRC266  | 155      | 156    | 1        | 1.70     | 0.27     | 0.08     | 2.05     | 0.23   | 0.30   | 0.01   |
| NRC266  | 156      | 157    | 1        | 1.73     | 0.30     | 0.09     | 2.13     | 0.40   | 0.32   | 0.02   |
| NRC266  | 157      | 158    | 1        | 1.75     | 0.26     | 0.08     | 2.09     | 0.30   | 0.31   | 0.02   |
| NRC266  | 158      | 159    | 1        | 1.63     | 0.27     | 0.10     | 2.00     | 0.32   | 0.32   | 0.02   |
| NRC266  | 159      | 160    | 1        | 2.10     | 0.43     | 0.11     | 2.64     | 0.33   | 0.36   | 0.02   |
| NRC266  | 160      | 161    | 1        | 2.38     | 0.38     | 0.14     | 2.89     | 0.33   | 0.41   | 0.02   |
| NRC266  | 161      | 162    | 1        | 2.31     | 0.36     | 0.09     | 2.76     | 0.47   | 0.32   | 0.01   |
| NRC266  | 162      | 163    | 1        | 2.25     | 0.37     | 0.11     | 2.73     | 0.40   | 0.38   | 0.02   |
| NRC266  | 163      | 164    | 1        | 2.12     | 0.34     | 0.12     | 2.57     | 0.51   | 0.36   | 0.02   |
| NRC266  | 164      | 165    | 1        | 2.12     | 0.33     | 0.10     | 2.55     | 0.42   | 0.35   | 0.02   |
| NRC266  | 165      | 166    | 1        | 1.76     | 0.31     | 0.08     | 2.15     | 0.35   | 0.32   | 0.02   |
| NRC266  | 166      | 167    | 1        | 1.80     | 0.30     | 0.07     | 2.17     | 0.24   | 0.32   | 0.01   |
| NRC266  | 167      | 168    | 1        | 1.58     | 0.27     | 0.08     | 1.94     | 0.33   | 0.29   | 0.01   |
| NRC266  | 168      | 169    | 1        | 1.70     | 0.30     | 0.08     | 2.09     | 0.31   | 0.30   | 0.01   |
| NRC266  | 169      | 170    | 1        | 1.67     | 0.49     | 0.07     | 2.23     | 0.27   | 0.30   | 0.01   |
| NRC266  | 170      | 171    | 1        | 1.69     | 0.29     | 0.07     | 2.05     | 0.31   | 0.30   | 0.01   |
| NRC266  | 171      | 172    | 1        | 1.56     | 0.28     | 0.09     | 1.93     | 0.32   | 0.27   | 0.01   |
| NRC266  | 172      | 173    | 1        | 1.72     | 0.30     | 0.08     | 2.10     | 0.41   | 0.33   | 0.02   |
| NRC266  | 173      | 174    | 1        | 0.64     | 0.12     | 0.04     | 0.81     | 0.15   | 0.16   | 0.01   |
| NRC266  | 174      | 175    | 1        | 0.76     | 0.10     | 0.03     | 0.88     | 0.18   | 0.17   | 0.01   |
| NRC266  | 175      | 176    | 1        | 1.73     | 0.28     | 0.13     | 2.15     | 0.32   | 0.26   | 0.01   |
| NRC266  | 176      | 177    | 1        | 2.66     | 0.41     | 0.14     | 3.21     | 0.48   | 0.46   | 0.02   |

## Appendix 2: Norseman RC Drill Hole Collar Details

| Hole ID | Prospect | East   | North   | RL  | Azimuth | Dip | Depth |
|---------|----------|--------|---------|-----|---------|-----|-------|
| NRC264  | Callisto | 372370 | 6448010 | 368 | 270     | -70 | 200   |
| NRC265  | Callisto | 372420 | 6448010 | 364 | 270     | -70 | 180   |
| NRC266  | Callisto | 372470 | 6448010 | 361 | 270     | -70 | 198   |
| NRC267  | Callisto | 372420 | 6448060 | 368 | 270     | -70 | 181   |
| NRC268  | Callisto | 372470 | 6448060 | 364 | 270     | -70 | 191   |
| NRC269  | Callisto | 372520 | 6448060 | 360 | 270     | -70 | 192   |

Note: Easting and Northing coordinates are GDA94 Zone 51.

## Appendix 3: Norseman RC Drill Hole Summary Log

**NRC266 Drill Log Summary (Callisto sulphide zone). Thin section petrography required to determine precise rock classifications.**

| From (m) | To (m) | Comment                                   |
|----------|--------|---|
| 0        | 42     | Clay/upper saprolite                      |
| 42       | 76     | Saprolite                                 |
| 76       | 126    | Ultramafic                                |
| 126      | 142    | Ultramafic, weakly disseminated sulphides |
| 142      | 177    | Ultramafic, disseminated sulphide         |
| 177      | 181    | Ultramafic, weakly disseminated sulphides |
| 181      | 192    | Chert/sediment                            |



## Appendix 4:

### Logging of Sulphide Mode, Type, and Percentage

Cautionary Statement: Sulphide estimates are completed by visual observation with analytical laboratory results pending for all drill holes.

#### Galileo Field Logging Guide

| Sulphide Mode        | Percent Range (visually estimated) |
|----------------------|------------------------------------|
| Weakly disseminated  | < 1 %                              |
| Disseminated         | 1 – 5 %                            |
| Heavily disseminated | 5 – 20 %                           |
| Matrix               | 20 – 40 %                          |
| Net textured         | 20 – 40 %                          |
| Semi-massive         | >40 to < 80 %                      |
| Massive              | >80 %                              |

## Appendix 5:

### Galileo Mining Ltd – Norseman Project

#### 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 techniques | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li><i>In cases where ‘industry standard’ work has been done this would be relatively simple (eg ‘reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised 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</i></li> </ul> | <ul style="list-style-type: none"> <li>Reverse Circulation (RC) drilling, was used to obtain one metre individually bagged chip samples.</li> <li>Each RC bag was spear sampled to provide a 4-metre representative composite sample for analyses.</li> <li>A 1m sample split for each metre is collected at the time of drilling from the drill rig mounted cone splitter.</li> <li>Selected 1m split sample intervals were selected from zones of interest and sent to the laboratory for analysis with remainder of drill hole assayed using 4m composite samples.</li> <li>QAQC standards (blank &amp; reference) and duplicate samples were included routinely with 1 per 20 samples being a standard or duplicate.</li> <li>Samples were sent to an independent commercial assay laboratory.</li> </ul> |

| Criteria                                       | JORC Code explanation  | Commentary  |
|--|--|---|
|  | <i>mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i>   | <ul style="list-style-type: none"> <li>All assay sample preparation comprised oven drying, pulverising and splitting to a representative assay charge pulp.</li> <li>A 50g Lead Collection Fire Assay with ICP-MS finish was used to determine Au, Pt and Pd results.</li> <li>A four acid digest was used for sample digest with a 48 element analysis suite including Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, Zr by ICP-OES finish.</li> <li>Assaying of composite samples is still in progress</li> </ul> |
| Drilling techniques                            | <ul style="list-style-type: none"> <li>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).</li> </ul>  | <ul style="list-style-type: none"> <li>RC drilling was undertaken by KTE Mining Pty Ltd using a 5.25" face sampling drill bit.</li> </ul>   |
| Drill sample recovery                          | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>                           | <ul style="list-style-type: none"> <li>Sample recoveries are visually estimated for each metre with poor or wet samples recorded in drill and sample log sheets.</li> <li>The sample cyclone was routinely cleaned at the end of each 6m rod and when deemed necessary.</li> <li>No relationship has been determined between sample recoveries and grade and there is insufficient data to determine if there is a sample bias.</li> </ul>  |
| Logging  | <ul style="list-style-type: none"> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul> | <ul style="list-style-type: none"> <li>Geological logging of drill holes was done on a visual basis with logging including lithology, grain size, mineralogy, texture, deformation, mineralisation, alteration, veining, colour and weathering.</li> <li>Logging of drill chips is qualitative and based on the presentation of representative drill chips retained for all 1m sample intervals in the chip trays.</li> <li>All drill holes were logged in their entirety</li> </ul>  |
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and</li> </ul>  | <ul style="list-style-type: none"> <li>All initial RC drill samples were collected using a PVC spear as 4m composites (2-3kg). Other composites of 3m, 2m and individual 1m samples were collected where required ie, at the bottom of hole.</li> </ul>   |



| Criteria                                   | JORC Code explanation   | Commentary   |
|--|---|--|
|  | <p><i>appropriateness of the sample preparation technique.</i></p> <ul style="list-style-type: none"> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>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.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>  | <ul style="list-style-type: none"> <li>1m cone split samples were collected for all metres at the time of drilling from the drill rig mounted cone splitter.</li> <li>Selected 1m cone split samples for intervals deemed of interest by the geologist supervising the drill rig were submitted for priority assay.</li> <li>The samples are dried and pulverised before analysis.</li> <li>QAQC reference samples and duplicates were routinely submitted with each batch.</li> <li>The sample size is considered appropriate for the mineralisation style, application and analytical techniques used.</li> </ul>  |
| Quality of assay data and laboratory tests | <ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>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.</i></li> <li><i>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.</i></li> </ul> | <ul style="list-style-type: none"> <li>RC Chip samples are analysed for a multielement suite (48 elements) by ICP-OES following a four-acid digest. Assays for Au, Pt, Pd are completed by 50gram Fire Assay with an ICP-MS finish. The assay methods used are considered appropriate.</li> <li>QAQC standards and duplicates are routinely included at a rate of 1 per 20 samples</li> <li>Further internal laboratory QAQC procedures included internal batch standards and blanks</li> <li>Sample preparation was completed at Intertek Genalysis Laboratory, (Kalgoorlie) with digest and assay conducted by Intertek-Genalysis Laboratory Services (Perth) using a four acid (4A/MS48) for multi-element assay and 50gram Fire Assay with an ICP-MS finish for Au, Pt, Pd, (FA50/MS).</li> <li>A Niton portable handheld XRF (pXRF) has been used only to assist field logging and as a guide for sample selection. No pXRF values are reported.</li> </ul> |
| Verification of sampling and assaying      | <ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Field data is collected on site using a standard set of logging templates entered directly into a laptop computer. Data is then sent to the Galileo database manager (CSA Global - Perth) for validation and upload into the database.</li> <li>Assays are as reported from the laboratory and stored in the Company database and have not been adjusted in any way.</li> </ul>   |

| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
| Location of data points                                 | <ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | <ul style="list-style-type: none"> <li>Drill hole collars are surveyed with a handheld GPS with an accuracy of +/- 5m which is considered sufficient for drill hole location accuracy.</li> <li>Co-ordinates are in GDA94 datum, Zone 51.</li> <li>Downhole depths are in metres from surface.</li> <li>Topographic control has an accuracy of 2m based on detailed satellite imagery derived DTM or on laser altimeter data collected from aeromagnetic surveys</li> </ul>  |
| Data spacing and distribution                           | <ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>                                 | <ul style="list-style-type: none"> <li>Drill hole spacing for the individual drill holes was not grid based. The holes were placed to target potential mineralisation as indicated by previous drilling and geological interpretation.</li> <li>Drill spacing is insufficient for the purposes of Mineral Resource estimation.</li> <li>Drill holes were sampled from surface on a 4m composite basis or as 1m, 2m, or 3m samples as determined by the end of hole depth or under instruction from the geologist supervising the program.</li> <li>1m cone split samples were collected through zones of geological interest.</li> </ul> |
| Orientation of data in relation to geological structure | <ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul> | <ul style="list-style-type: none"> <li>It is unknown whether the orientation of sampling achieves unbiased sampling as interpretation of quantitative measurements of mineralised zones/structures has not yet been completed.</li> <li>The drilling is oriented either perpendicular to the regional lithological strike and dip or as holes adjacent to previous aircore drilling.</li> </ul>  |
| Sample security   | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>  | <ul style="list-style-type: none"> <li>Each sample was put into a tied off calico bag and then several placed in large plastic "polyweave" bags which were zip tied closed.</li> <li>Samples were delivered directly to the laboratory in Kalgoorlie by Galileo staff.</li> </ul>  |
| Audits or reviews                                       | <ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>  | <ul style="list-style-type: none"> <li>Continuous improvement internal reviews of sampling techniques and procedures are ongoing. No external audits have been performed.</li> </ul>   |



## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria                                | JORC Code explanation  | Commentary   |
|---|--|--|
| Mineral tenement and land tenure status | <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul> | <ul style="list-style-type: none"> <li>The Norseman Project comprises two exploration licenses, eighteen granted prospecting licenses and one mining lease covering 278km<sup>2</sup></li> <li>All tenements within the Norseman Project are 100% owned by Galileo Mining Ltd.</li> <li>A 1% Net Smelter Royalty is payable to Australian Gold Resources Pty Ltd on mine production from within the Norseman Project (NSR does not apply to production from any laterite operations)</li> <li>The Norseman Project is centred around a location approximately 10km north-west of Norseman on vacant crown land.</li> <li>All tenements in the Norseman Project are 100% covered by the Ngadju Native Title Determined Claim.</li> <li>The tenements are in good standing and there are no known impediments.</li> </ul>  |
| Exploration done by other parties       | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>  | <p>Between the mid-1960's and 2000 exploration was conducted in the area for gold and base-metals (most notably Ni sulphides). Exploration focussed on the Mt Thirsty Sill and eastern limb of the Mission Sill.</p> <p>Central Norseman Gold Corporation/WMC (1966-1972)</p> <ul style="list-style-type: none"> <li>Explored the Jimberlana Dyke for Ni-Cu-PGE-Cr. Soil sampling generated several Cu anomalies 160-320ppm Cu.</li> </ul> <p>Barrier Exploration and Jimberlana Minerals Between (1968 and 1974)</p> <ul style="list-style-type: none"> <li>Explored immediately south of Mt Thirsty for Ni-Cu sulphide. IP, Ground Magnetic Surveys, Soil Sampling, Soil Auger Sampling and Diamond Drilling was completed.</li> </ul> <p>Resolute Limited, Great Southern Mines Ltd and Dundas Mining Pty Ltd (1993-1996)</p> <ul style="list-style-type: none"> <li>Gold focussed exploration. Several gold anomalies were identified in soil geochemistry but were not followed up. Resolute assayed for Au, Ni, Cu, Zn but did not assay for PGE.</li> </ul> |

| Criteria | JORC Code explanation | Commentary  |
|----------|-----------------------|---|
|          |                       | <ul style="list-style-type: none"> <li>Resolute Limited drilled laterite regolith profiles over the ultramafic portions of the Mt Thirsty Sill and identified a small Ni-Co Resource with high Co grades.</li> </ul> <p>Kinross Gold Corp Australia (1999)</p> <ul style="list-style-type: none"> <li>Completed a 50m line spaced aeromagnetic survey.</li> </ul> <p>2000-2004</p> <ul style="list-style-type: none"> <li>Australian Gold Resources ("AGR") held "Mt Thirsty Project" from 2000 to 30<sup>th</sup> June 2004. Works identified Ni-Co resources on the Project.</li> <li>Anaconda Nickel Ltd ("ANL") explored AGR Mt Thirsty Project as part of the AGR/ANL Exploration Access Agreement 2000-2001.</li> </ul> <p>AGR/ANL (2000-2001)</p> <ul style="list-style-type: none"> <li>Mapping focussed on identifying Co-Ni enriched regolith areas.</li> <li>RC on 800mx100m grid at Mission Sill targeting Ni-Co Laterite (MTRC001-MTRC035). Nickel assay maximum of 0.50%, Co 0.16%, Cu to 0.23%.</li> <li>Concluded the anomalous Cu-PGE association suggested affinity with Bushveldt or Stillwater style PGE mineralisation. A lack of an arsenic correlation cited as support for magmatic rather than hydrothermal PGE source.</li> </ul> <p>AGR (2003-2004)</p> <ul style="list-style-type: none"> <li>Soil sampling over the Mission Sill and Jimberlana Dyke.</li> <li>RC drilling (MTRC036-052) confirmed shallow PGE anomalism with best results of 1m at 2.04 combined Pt-Pd in MTRC038 from surface.</li> <li>Petrography identified sulphide textures indicative of primary magmatic character.</li> <li>Sixty samples were re-assayed for PGE when assays returned &gt;0.05% Cu. A further 230 samples were re-assayed based on the initial Au-Pd-Pt results. The best combined result for Au-Pd-Pt was 5.7g/t.</li> </ul> |



| Criteria                 | JORC Code explanation  | Commentary  |
|--------------------------|--|---|
|                          |  | <p>Galileo</p> <ul style="list-style-type: none"> <li>Galileo commenced exploration on the Norseman Project from 30th June 2004 after sale of the tenements by AGR.</li> </ul>  |
| Geology                  | <ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>   | <ul style="list-style-type: none"> <li>The Norseman target geology and mineralisation style is komatiite nickel sulphide mineralisation and nickel-copper-PGE mineralisation related to layered intrusions occurring within the GSWA mapped Mount Kirk Formation</li> <li>The Mount Kirk formation is described as "Acid and basic volcanic rocks and sedimentary rocks, intruded by basic and ultrabasic rocks"</li> </ul>   |
| Drill hole Information   | <ul style="list-style-type: none"> <li><i>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:</i> <ul style="list-style-type: none"> <li><i>easting and northing of the drill hole collar</i></li> <li><i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li><i>dip and azimuth of the hole</i></li> <li><i>down hole length and interception depth</i></li> <li><i>hole length.</i></li> </ul> </li> <li><i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></li> </ul> | <ul style="list-style-type: none"> <li>Refer to drill hole collar table in Appendix 2 summary geological logs in Appendix 3, and assay results in Appendix 1.</li> </ul>  |
| Data aggregation methods | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Tables of the relevant assay intervals of significance are included in this release.</li> <li>Intercepts reporting greater than 100ppb Pd include the corresponding interval intercept for Pt, Au, Cu, Ni and Co.</li> <li>Parts-per-billion and parts-per-million data reported from the assay laboratory have been converted to grams-per-tonne for Au, Pd, Pt.</li> <li>Parts-per-million data reported from the assay laboratory for Cu, Ni and Co have been converted to percent values and reported as percent values rounded to 2 decimal places. 3E intercepts have been calculated as the sum of Au, Pd and Pt assays in</li> </ul> |

| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
|   |  | grams-per-tonne rounded to 2 significant figures.   |
| <i>Relationship between mineralisation widths and intercept lengths</i> | <ul style="list-style-type: none"> <li>• <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>• <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li>• <i>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').</i></li> </ul> | <ul style="list-style-type: none"> <li>• NA – full assays are not yet reported</li> <li>• The drilling is oriented perpendicular to the regional lithological strike and dip or as extended RC holes adjacent to previous aircore drilling</li> <li>• It is unknown whether the orientation of sampling achieves unbiased sampling of possible structures as no measurable structures are recorded in drill chips.</li> <li>• No quantitative measurements of mineralised zones/structures exist, and all drill intercepts are reported as down hole length in metres, true width unknown.</li> </ul> |
| <i>Diagrams</i>   | <ul style="list-style-type: none"> <li>• <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Project location map and plan map of the drill hole locations with respect to each other and with respect to other available data are included in the text.</li> <li>• Drill hole locations have been determined with hand-held GPS drill hole collar location (Garmin GPS 78s) +/- 5m in X/Y/Z dimensions</li> </ul>  |
| <i>Balanced reporting</i>   | <ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>   | <ul style="list-style-type: none"> <li>• All available relevant information is presented.</li> </ul>  |
| <i>Other substantive exploration data</i>                               | <ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>                           | <ul style="list-style-type: none"> <li>• Detailed 50m line spaced aeromagnetic data has been used for interpretation of underlying geology. Data was collected by Magspec Airborne Surveys Pty Ltd using a Geometrics G-823 caesium vapor magnetometer at an average flying height of 30m.</li> <li>• 28 lines (for 657 stations) of 200m or 400m line x 100m station spaced Moving Loop Electromagnetic survey data was collected over the prospect using a 200m loop. Data was collected using a Smartem receiver and Fluxgate receiver coil at base frequencies of</li> </ul>                      |

| Criteria            | JORC Code explanation   | Commentary   |
|---------------------|---|--|
|                     |   | 1.0Hz to 0.25Hz and 28-30 Amp current. Two conductor plates were modelled. Based on the available drill logs these conductors appear to represent the position of sulphide rich sediment beneath the target mafic-ultramafic intrusion.        |
| <i>Further work</i> | <ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul> | <ul style="list-style-type: none"> <li>Assaying of samples from all RC drill holes</li> <li>Petrographical examination of selected intervals</li> <li>Down hole EM surveying of selected drill holes</li> <li>Follow up RC drilling</li> </ul> |