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**ASX: GAL** 

**Corporate Directory** 

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Norseman Project
Palladium-Nickel-CopperRhodium-Platinum-Gold



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# NEW MINERALISED ZONES SHOW OPPORTUNITY FOR GROWTH

#### **Highlights**

- Sulphide intersection from new lower zone with high grade assays;
  - 10 metres @ 2.19 g/t 3E¹ (1.84 g/t Pd, 0.31 g/t Pt, 0.04 g/t Au),
     0.27% Cu & 0.23% Ni from 279m (NRCD292) including
  - 3 metres @ 3.91 g/t 3E (3.12 g/t Pd, 0.68 g/t Pt, 0.11 g/t Au),
     0.65% Cu & 0.48% Ni from 280m
- Consistent high-grade mineralisation between drill holes on existing sections with significant results including;
  - 29 metres @ 1.58 g/t 3E (1.30 g/t Pd, 0.21 g/t Pt, 0.07 g/t Au),
     0.29% Cu & 0.26% Ni from 154m (NRCD302) including
  - 11 metres @ 2.44 g/t 3E (2.01 g/t Pd, 0.32 g/t Pt, 0.11 g/t Au),
     0.49% Cu & 0.36% Ni from 168m
  - 25 metres @ 1.53 g/t 3E (1.23 g/t Pd, 0.23 g/t Pt, 0.08 g/t Au),
     0.22% Cu & 0.26% Ni from 296m (NRCD321) including
  - 3 metres @ 2.57 g/t 3E (2.05 g/t Pd, 0.38 g/t Pt, 0.14 g/t Au),
     0.54% Cu & 0.40% Ni from 311m
- Assay results are pending for a further 14 completed drill holes
- Diamond drilling continues to target high grade sulphide zones looking for a possible source of the Callisto discovery to the east
- New shallow mineralised intrusion identified 250 metres north of Callisto. Anomalous assays with disseminated sulphides in same mafic/ultramafic host rock requiring follow up drill testing;
  - 24 metres @ 0.29 g/t 3E, 0.03% Cu & 0.10% Ni from 60m (NRC349)
- Disseminated nickel sulphide target<sup>2</sup> 400 metres north of Callisto continues to expand with;
  - 9 metres @ 0.55 % Ni and 0.02% Co from 73m (NRC398)
- (1) 3E = Palladium (Pd) + Platinum (Pt) + Gold (Au); expressed in g/t. See Appendix 1 for details.
- See ASX announcement dated 3<sup>rd</sup> November 2022.



**Galileo Mining Ltd** (ASX: GAL, "Galileo" or the "Company") is pleased to announce assays from recent drilling at the Callisto palladium-platinum-gold-rhodium-copper-nickel discovery within the Company's 100% owned Norseman project in Western Australia.

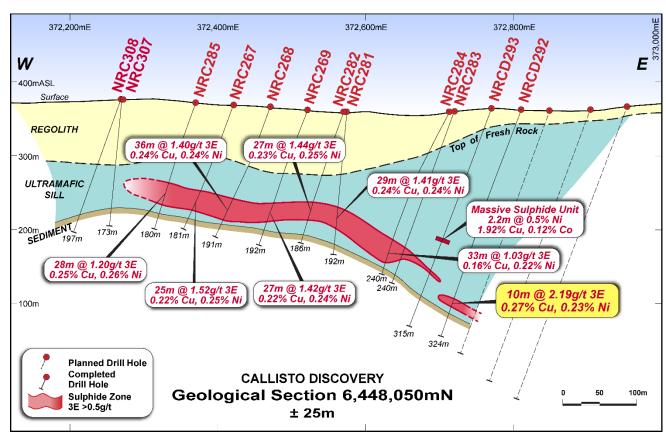
Galileo's Managing Director Brad Underwood commented; "Today's assay results continue to expand the existing footprint of rich sulphide mineralisation at Callisto and demonstrates considerable opportunity for growth as we step out our drilling programs over the coming months.

The drill result from NRCD292 is from a new sulphide zone in the same geological position as the original discovery, and our working model is one of multiple mineralised zones in the area. This idea is further confirmed by the identification of a new intrusion 250 metres north of the Callisto discovery. At this location we are seeing disseminated sulphides with the same pattern of metal distribution and the same host rocks. The anomalous drill results in this new area will be followed up with RC drill testing aiming to vector towards higher grade metal zones.

Meanwhile our diamond drilling is using the same exploration concepts to vector towards a potential source of mineralisation at Callisto with 100 metre step out drilling designed to provide a broad framework of the overall mineralised area.

With over five kilometres of prospective rocks along strike to the north, and with multiple mineralised intrusions discovered to date, we believe the opportunity for growth in this new palladium-nickel district is significant."

Figure 1 — Callisto geological interpretation section 6,448,050N with new mineralised zone in drill results from NRCD292. Mineralisation is open to the east and north of NRCD292.





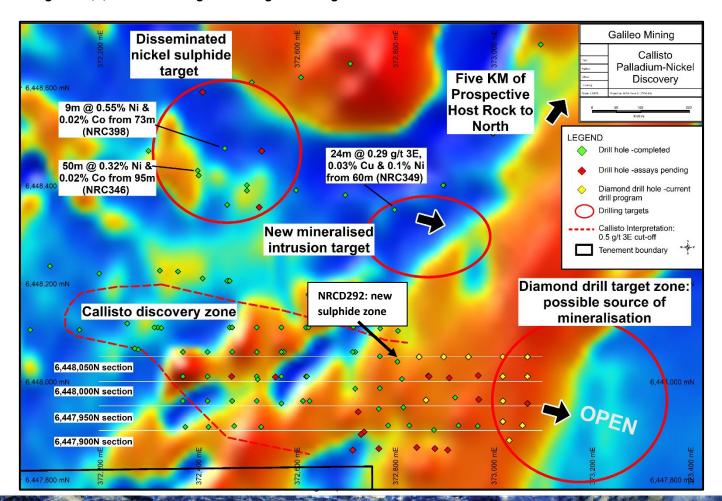
Assays have been reported for drill holes NRCD292, NRCD302, NRCD321, NRCD322, NRCD335, and NRC386, from within the Callisto mineralised footprint (see Appendices 1 and 2 for drill hole details) and Figures 1, 3, 4 and 5 show the section lines 6,448,050; 6,448,000; 6,447,950; and 6,447,900 north respectively.

Mineralisation is interpreted as a broad continuous zone of disseminated sulphides which remains open at depth to the east on all sections; open to the north of 6,448,050; and open to the south of 6,447,900.

Logging and interpretation of drill core indicates that Callisto is a separate mineralised sill, with a number of sulphide mineralised zones, that has intruded the pre-existing parent sill. The parent sill has a strong magnetic signature which trends north-northeast. The non-mineralised parent sill outcrops over a five-kilometre strike to the north with opportunity for additional mineralised intrusions within this prospective horizon.

Figure 2 shows a plan view of drilling around Callisto with the three current drill target areas – Callisto discovery zone, the disseminated nickel sulphide zone, and the new palladium-nickel mineralisation 200 metres to the north of Callisto.

Figure 2 — Plan map of drilling at Callisto with priority drill target zones. Red dashed lines show the interpreted mineralised zone at 0.5 g/t 3E cut-off projected to surface. Source of mineralisation at Callisto is currently being targeted within diamond drill zone as shown. Section lines are shown in Figures 1,3, 4 and 5. Background magnetic image is TMI-1VD.





Drilling at Callisto is now focussed on determining the size and grade of the sulphide zones, understanding the relationship with the much larger host sill, and looking for a possible source of the discovery to the east. Assays are pending for a 14 further drill holes (pending drill hole locations shown on sections and listed in Appendix 2).

Appendices 1 to 3 contain the drill hole details and JORC information for the current assay release.

Figure 3 — Callisto geological interpretation section 6,448,000N with assays pending for drill holes NRCD329, NRCD330 and NRCD331. Mineralisation is open to the east.

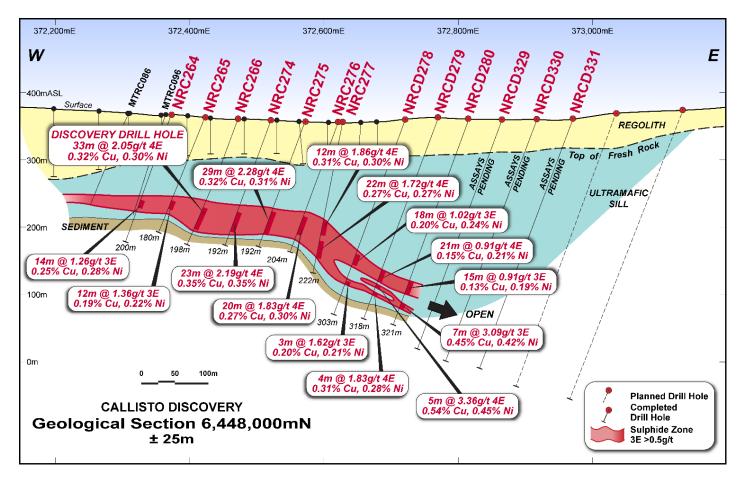




Figure 4 — Callisto geological interpretation section 6,447,950N with new assays for NRC302 showing consistent mineralisation between drill holes. Mineralisation is open to the east.

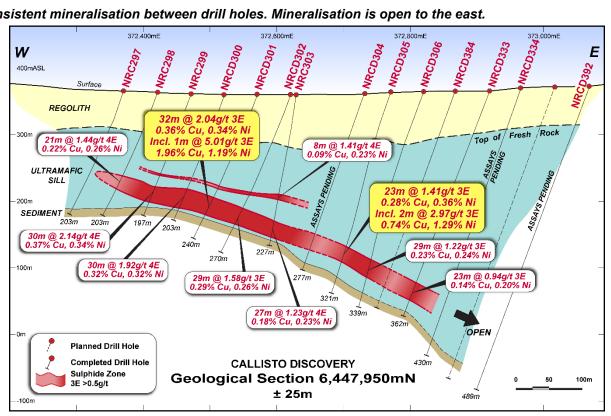


Figure 5 — Callisto geological interpretation section 6,447,900N with new assays for NRCD321, NRCD322 and NRCD335 showing consistent mineralisation between drill holes. Mineralisation is open to the east and south.

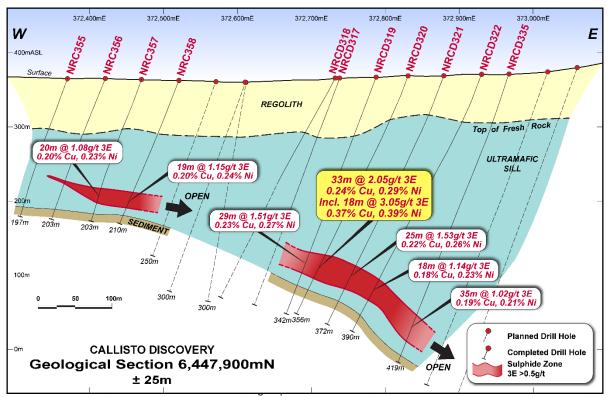




Figure 6 — Plan map of drilling at Callisto with priority drill target zones. Red dashed lines show the interpreted mineralised zone at 0.5 g/t 3E cut-off projected to surface. Source of mineralisation at Callisto is being targeted within the diamond drill zone as shown. Section lines are shown in Figures 1,3, 4 and 5.

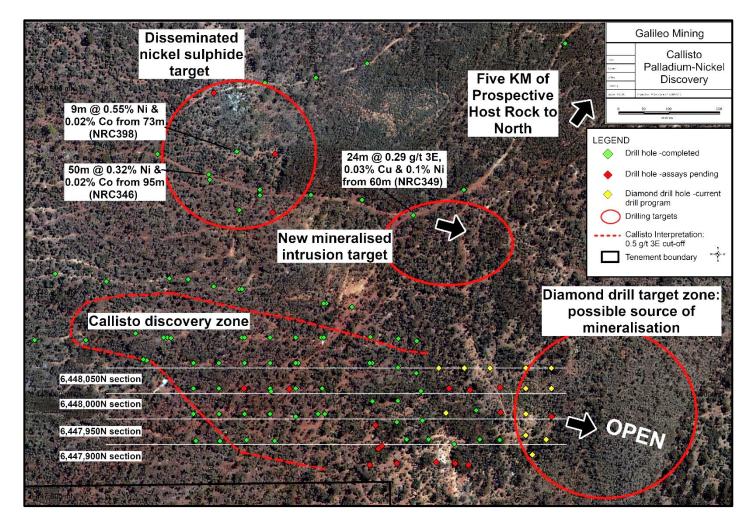
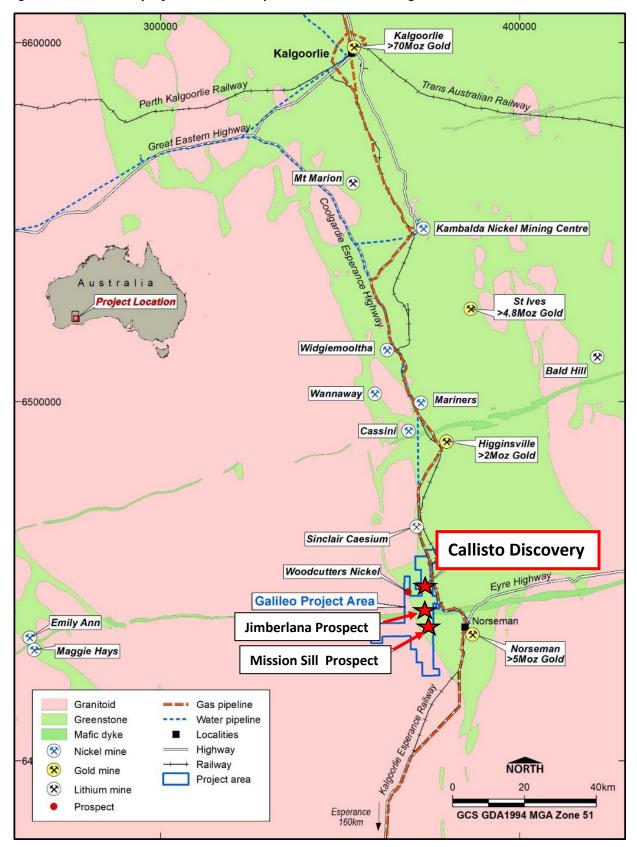




Figure 7 – Norseman project location map with a selection of regional mines and infrastructure





#### **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 palladium, nickel, copper, and cobalt resources in Western Australia. GAL's tenements near Norseman are highly prospective for palladium-copper-nickel sulphide deposits as shown by the Callisto discovery. GAL also has Joint Ventures with the Creasy Group over tenements in the Fraser Range which are prospective for nickel-copper sulphide deposits similar to the operating Nova mine. GAL's Norseman Project contains a near surface laterite deposit 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 <a href="http://www.galileomining.com.au/investors/asx-announcements/">http://www.galileomining.com.au/investors/asx-announcements/</a>). Galileo confirms that all material assumptions and technical parameters underpinning the Estimates continue to apply and have not materially changed).

Cut-off	Class	Tonnes Mt	Со			Ni
Cobalt %			%	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: Significant Drill Intersections**

>0.5 g/t 3E cut-off used for broad intersections on all drill holes, minimum 3m drill width. Maximum 2m internal dilution. Rounding may have slight effect on the calculation of 3E.

- <sup>1</sup> 2.0 g/t 3E cut-off used with maximum 2m internal dilution. Rounding may have slight effect on the calculation of 3E
- $^2$  Copper rich interval reported; Cu > 0.6%, maximum 1m internal dilution. Rounding may have slight effect on the calculation of 3E

Hole ID	From (m)	To (m)	Interval (m)	3E (Pd+ Pt+ Au; g/t)	Palladium (g/t)	Platinum (g/t)	Gold (g/t)	Copper (%)	Nickel (%)
NRCD292	229	234	5	0.78	0.60	0.14	0.03	0.11	0.18
	245	248	3	0.74	0.59	0.12	0.03	0.11	0.18
	279	289	10	2.19	1.84	0.31	0.04	0.27	0.23
including <sup>1</sup>	280	283	3	3.91	3.12	0.68	0.11	0.65	0.48
NRCD302	154	183	29	1.58	1.30	0.21	0.07	0.29	0.26
including <sup>1</sup>	168	179	11	2.44	2.01	0.32	0.11	0.49	0.36
NRCD321	296	321	25	1.53	1.23	0.23	0.08	0.22	0.26
including <sup>1</sup>	311	314	3	2.57	2.05	0.38	0.14	0.54	0.40
	331	338	7	0.91	0.74	0.15	0.02	0.11	0.15
NRCD322	319	337	18	1.14	0.94	0.15	0.05	0.18	0.23
including <sup>1</sup>	325	330	5	2.04	1.70	0.25	0.09	0.45	0.35
	340	345	5	1.12	0.90	0.17	0.04	0.12	0.16
NRCD335	244 <sup>2</sup>	251	7	0.27	0.03	0.01	0.22	0.70	0.11
	358	393	35	1.02	0.84	0.14	0.04	0.19	0.21
NRC386	120	131	11	0.92	0.75	0.13	0.04	1.57	1.88

#### **Disseminated Sulphide Zone Target**

Results reported at 0.4% nickel cut off (no internal dilution). Maximum MgO within interval is < 7%. Mineralisation occurs at MgO boundary: MgO < 7% within mineralised zone, MgO > 10% in lower non-mineralised zone

Hole ID	From (m)	To (m)	Interval (m)	Nickel (%)	Copper (%)	Cobalt (%)	MgO (%)	S (%)
NRC398	73	82	9	0.55	0.01	0.02	6.20	1.48



#### **Exploration Results (outside of Callisto mineralised boundary)**

>0.1 g/t 3E cut-off used for broad intersections, >0.5 g/t 3E cut-off for internal interval. No internal dilution. Rounding may have slight effect on the calculation of 3E.

Hole ID	From (m)	To (m)	Interval (m)	3E (Pd+ Pt+ Au; g/t)	Palladium (g/t)	Platinum (g/t)	Gold (g/t)	Copper (%)	Nickel (%)
NRC349	60	84	24	0.29	0.25	0.04	0.01	0.03	0.10
including	77	80	3	0.77	0.61	0.14	0.02	0.11	0.20

## **Appendix 2: Drill Hole Collar Details**

Hole ID	East	North	RL	Azimuth	Dip	Total Depth (m)	Comment
NRCD292	372806	6448040	360.9	270	-70	324	Assays reported
NRCD302	372614	6447961	359	270	-70	270	Assays reported
NRCD304	372726	6447938	362	268	-69	277	Assays pending
NRCD317	372738	6447897	366	266	-70	303	Assays pending
NRCD318	372732	6447892	366	270	-70	307	Assays pending
NRCD321	372880	6447901	369	270	-70	372	Assays reported
NRCD322	372932	6447910	370	270	-70	390	Assays reported
NRCD323	372715	6447860	368	270	-70	298	Assays pending
NRCD325	372768	6447863	368	270	-70	303	Assays pending
NRCD326	372845	6447865	371	270	-70	354	Assays pending
NRCD327	372882	6447863	371	270	-70	362	Assays pending
NRCD328	372908	6447860	372	270	-70	399	Assays pending
NRCD329	372869	6448011	363	270	-70	342	Assays pending
NRCD330	372911	6448007	365	270	-70	377	Assays pending
NRCD331	372970	6448012	366	270	-70	396	Assays pending
NRCD334	372971	6447963	367	270	-70	425	Assays pending
NRCD335	372968	6447909	372	270	-70	419	Assays reported
NRCD336	372469	6448010	362	273	-70	213	Met hole - NRC266
NRCD338	372558	6448009	358	269	-69	216	Met hole - NRC275
NRC349	372800	6448350	350	269	-58	221	Assays reported
NRCD385	372870	6448010	362	261	-85	373	Assays pending
NRC386	372160	6448105	369	90	-80	180	Assays reported
NRCD392	373070	6447955	379	270	-70	489	Assays pending
NRC398	372455	6448475	362	270	-80	180	Assays reported

Note: Easting and Northing coordinates are GDA94 Zone 51.



## Appendix 3:

## **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> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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 mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <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> <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 is used to determine Aupt and Pd results.</li> <li>A four acid digest is 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>NQ2 (50.6mm diameter) diamond core drilling was used to obtain samples from intervals which have been selected based on logged geological units.</li> <li>All sample intervals are sawn ½ core cut lengthwise with an Almonte automatic saw nominally 10mm to the</li> </ul>



Criteria	JORC Code explanation	Commentary
		right-hand side (looking downhole) of a consistent reference line. The sample half to the right-hand side of the reference line is selected for assay with the left-hand side retained in the core tray as a reference sample.  • QAQC standards (blank & reference) and duplicate samples were included routinely with 1 per 20 samples being a standard or duplicate.  • Samples have been sent to an independent commercial assay laboratory
Drilling techniques	Drill type (eg core, reverse circulation, openhole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, facesampling bit or other type, whether core is oriented and if so, by what method, etc).	<ul> <li>RC drilling was undertaken by Core Drilling Services using a 5.5" face sampling drill bit.</li> <li>Diamond core drilling was undertaken using NQ2 core (50.6mm diameter) completed by Terra Drilling Pty Ltd.</li> <li>All core holes were surveyed during drilling using a CHAMP north seeking gyro tool.</li> <li>All RC holes were surveyed during drilling using a GyroMaster north seeking gyro tool</li> </ul>
Drill sample recovery	<ul> <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> <li>RC sample recoveries are visually estimated for each metre with poor or wet samples recorded in drill and sample log sheets.</li> <li>NQ diamond core drilling recoveries were estimated for each interval by logging the length of the sample recovered against the reference (orientation) line. Recoveries were all greater than 90% and typically 100%.</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> <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> <li>Geological logging of RC drill holes was done on a visual basis with logging including lithology, grainsize, mineralogy, texture, deformation, mineralisation, alteration, veining, colour and weathering.</li> <li>Logging of RC 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>Logging of the drill core is qualitative</li> </ul>



Criteria	JORC Code explanation	Commentary
Sub-sampling	If core, whether cut or sawn and whether	and based on the in-situ presentation of the core sample with down-hole depths measured against the reference (orientation) line.  • All RC drill holes were logged in their entirety  • All diamond core drill holes were logged in their entirety  • All assays reported are from 1m cone
techniques and sample preparation	<ul> <li>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 appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	split samples.  1m cone split samples were collected for all metres at the time of drilling from the drill rig mounted cone splitter.  Selected 1m cone split samples for intervals deemed of interest by the geologist supervising the drill rig were submitted for priority assay.  The samples are dried and pulverised before analysis.  QAQC reference samples and duplicates are routinely submitted with each batch.  The sample size is considered appropriate for the mineralisation style, application and analytical techniques used.  All diamond core sample intervals are sawn ½ NQ2 core cut lengthwise with an Almonte automatic saw nominally 10mm to the right-hand side (looking downhole) of a consistent reference line. The sample half to the right-hand side of the reference line is selected to provide a representative sample for assay with the left-hand side retained in the core tray as a reference sample.  QAQC standards (blank & reference) and duplicate samples were included routinely with 1 per 20 samples being a standard or duplicate.  Samples have been sent to Intertek-Genalysis, an independent commercial assay laboratory where the samples are weighed to the nearest gram.  The samples are dried, crushed to nominal 2mm and pulverised to submission with each batch.
Quality of assay data and	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	RC Chip and diamond core samples are analysed for a multielement suite (48 elements) by ICP-OES following a four-acid digest. Assays for Au, Pt, Pd



Criteria	JORC Code explanation	Commentary
laboratory tests	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>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>Diamond core has yet to be assayed.</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> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <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>
Location of data points	<ul> <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> <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> <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</li> </ul>	Drill hole spacing for the RC and diamond core drill holes was approximately 50m. The holes were placed to target potential



Criteria	JORC Code explanation	Commentary
	Resource and Ore Reserve estimation procedure(s) and classifications applied.  • Whether sample compositing has been applied.	<ul> <li>mineralisation as indicated by previous drilling and geological interpretation.</li> <li>Drill spacing is insufficient for the purposes of Mineral Resource estimation.</li> <li>RC 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 RC samples were collected through zones of geological interest.</li> <li>Diamond core drill holes were sampled over the selected logged zones of interest</li> </ul>
Orientation of data in relation to geological structure	<ul> <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> <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	The measures taken to ensure sample security.	<ul> <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	The results of any audits or reviews of sampling techniques and data.	Continuous improvement internal reviews of sampling techniques and procedures are ongoing. No external audits have been performed.



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> <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> <li>The Norseman Project comprises two exploration licenses, eighteen granted prospecting licenses and one mining lease covering 278km²</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	Acknowledgment and appraisal of exploration by other parties.	Between the mid-1960's and 2000 exploration was conducted in the area for gold and base-metals (most notably N sulphides). Exploration focussed on the M Thirsty Sill and eastern limb of the Mission Sill.		
		Central Norseman Gold Corporation/WMC (1966-1972)  • Explored the Jimberlana Dyke for Ni-Cu-PGE-Cr. Soil sampling generated several Cu anomalies 160-320ppm Cu.		
		Barrier Exploration and Jimberlana Minerals Between (1968 and 1974)  • Explored immediately south of Mt Thirsty for Ni-Cu sulphide. IP, Ground Magnetic Surveys, Soil Sampling, Soil Auger Sampling and Diamond Drilling was completed.		
		Resolute Limited, Great Southern Mines Ltd and Dundas Mining Pty Ltd (1993-1996)  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.		



Criteria	JORC Code explanation	Commentary
		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.
		Kinross Gold Corp Australia (1999)
		Completed a 50m line spaced aeromagnetic survey.
		2000-2004
		<ul> <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>
		AGR/ANL (2000-2001)
		<ul> <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>
		AGR (2003-2004)
		<ul> <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
		Galileo     Galileo commenced exploration on the Norseman Project from 30th June 2004 after sale of the tenements by AGR.
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>The Norseman target geology and mineralisation style is nickel-copper-PGE mineralisation related to layered intrusions and komatiite nickel sulphide mineralisation 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> <li>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:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	Refer to Appendices 1 and 2.
Data aggregation methods	<ul> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Tables of relevant assay intervals of significance are included in previous releases.</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 and Ni 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 grams-per-tonne rounded to 2 decimal places.</li> <li>The previously reported significant intercepts calculated using a 1.0 g/t 3E cut-off have been recalculated with a lower cut of 0.5g/t 3E for consistency with other reported drillholes and have</li> </ul>



Criteria	JORC Code explanation	Commentary
		a maximum of 2m of internal dilution and include the corresponding interval intercept for Pd, Pt, Au, Cu and Ni
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul> <li>The drilling is oriented approximately perpendicular to the regional lithological strike and dip</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>
Diagrams	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.	<ul> <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>
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All available relevant information is presented.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	<ul> <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 1.0Hz to 0.25Hz and 28-30 Amp current. Two conductor plates were</li> </ul>



Criteria	JORC Code explanation	Commentary
		modelled. Based on the available drill logs these conductors appear to represent the position of sulphide rich sediment beneath the target maficultramafic intrusion.
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>Ongoing RC and diamond core drilling</li> <li>Laboratory assaying</li> <li>Down hole EM surveying</li> </ul>