17 November 2021

ASX: GAL

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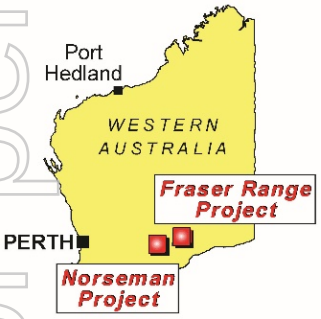
Mathew Whyte

Projects

Fraser Range Project
Nickel-Copper-Cobalt

Norseman Project
Palladium-Nickel-Cobalt



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MASSIVE SULPHIDES IN NORSEMAN AIRCORE DRILLING

Highlights

- **Aircore drill hole NAC105 has intersected massive sulphide in end of hole drill chips on the margin of a large ultramafic intrusion**
- **Handheld XRF readings indicate minor amounts of nickel and copper. Palladium, platinum, and gold results will require laboratory assay**
- **Massive sulphide intercept at shallow depth significantly increases the prospectivity of Galileo's project area for palladium and nickel**
- **Aircore drilling unable to substantially penetrate massive sulphide and follow up EM surveying and RC drilling required**
- **Approximately 4,000 metres completed of a planned 10,000 metre aircore program with drilling ongoing**

Galileo Mining Ltd (ASX: GAL, "Galileo" or the "Company") is pleased to announce aircore drilling has intersected massive sulphide at the Company's 100% owned Norseman project located within the Kambalda nickel belt of Western Australia.

Figure 1 – Massive sulphide chip (25mm across) from 60m in NAC105. Bottom of hole sample pile on right. Drillhole was unable to breakthrough sulphide.

Galileo's Managing Director Brad Underwood commented; "*Hitting massive sulphide in an aircore drill program is an exceptional result. Although the portable XRF measurements show minor amounts of nickel and copper, the overall context of the mineralisation is incredibly prospective. The sulphide occurs on the margin of a large ultramafic intrusion in the exact setting where mineral deposits can occur. Further to that, the sulphide is just 52 metres below surface (60m downhole) and with the prospective unit under a clay/alluvium cover which means the target is blind at surface.*

Samples have been submitted to the laboratory for chemical analysis which will include palladium, platinum, and gold assays. Meanwhile the aircore drill program continues and is expected to be completed over the coming weeks.

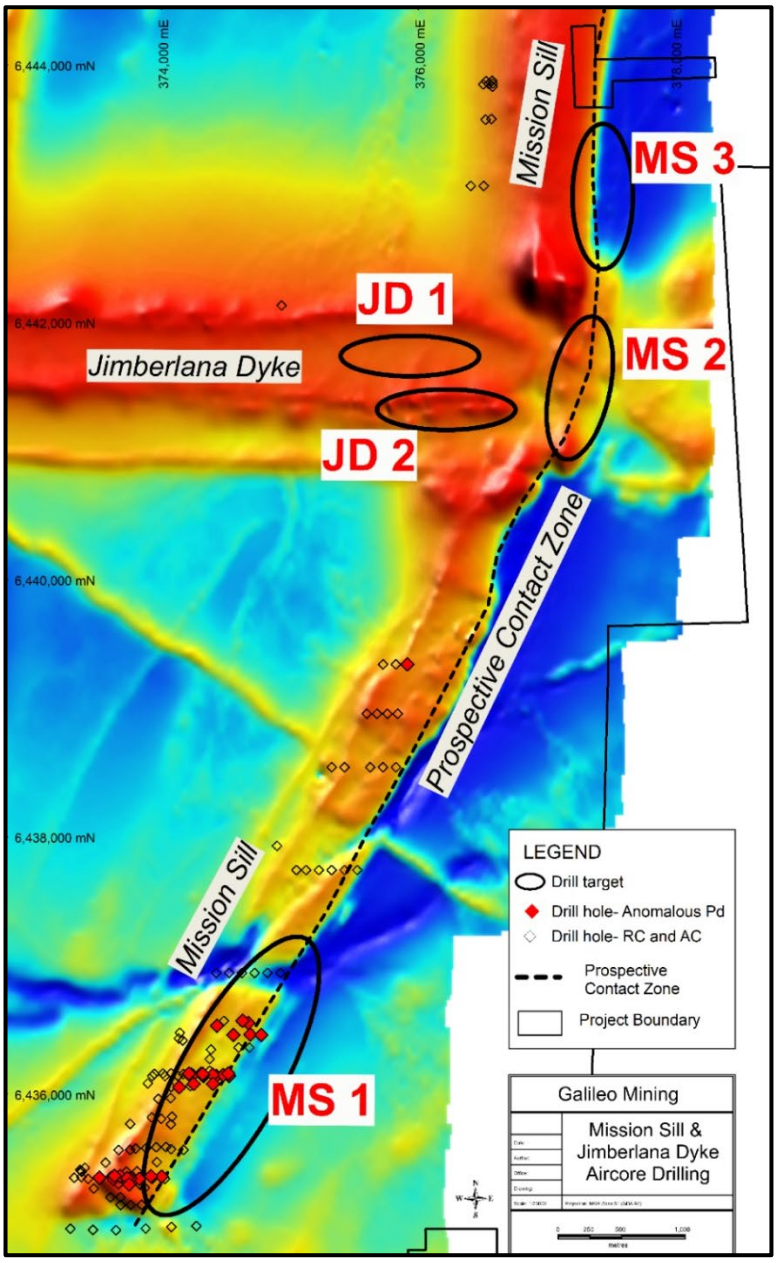
Follow up work on the massive sulphide prospect will include EM surveying to define the orientation of the target prior to RC drill testing which is planned for 2022."

Single metre samples from the sulphide intercept in drill hole NAC105 have been submitted to the laboratory for priority analyses with an expected turnaround time of approximately four weeks. Standard composite drill hole samples from the remainder of the drill hole and all adjacent drill holes have also been submitted to the laboratory for analysis with assays expected from these samples in approximately 8-10 weeks.

Figure 2 —Aircore drill samples from NAC105 with 1 metre of massive sulphide at end of hole (right foreground with sieve)

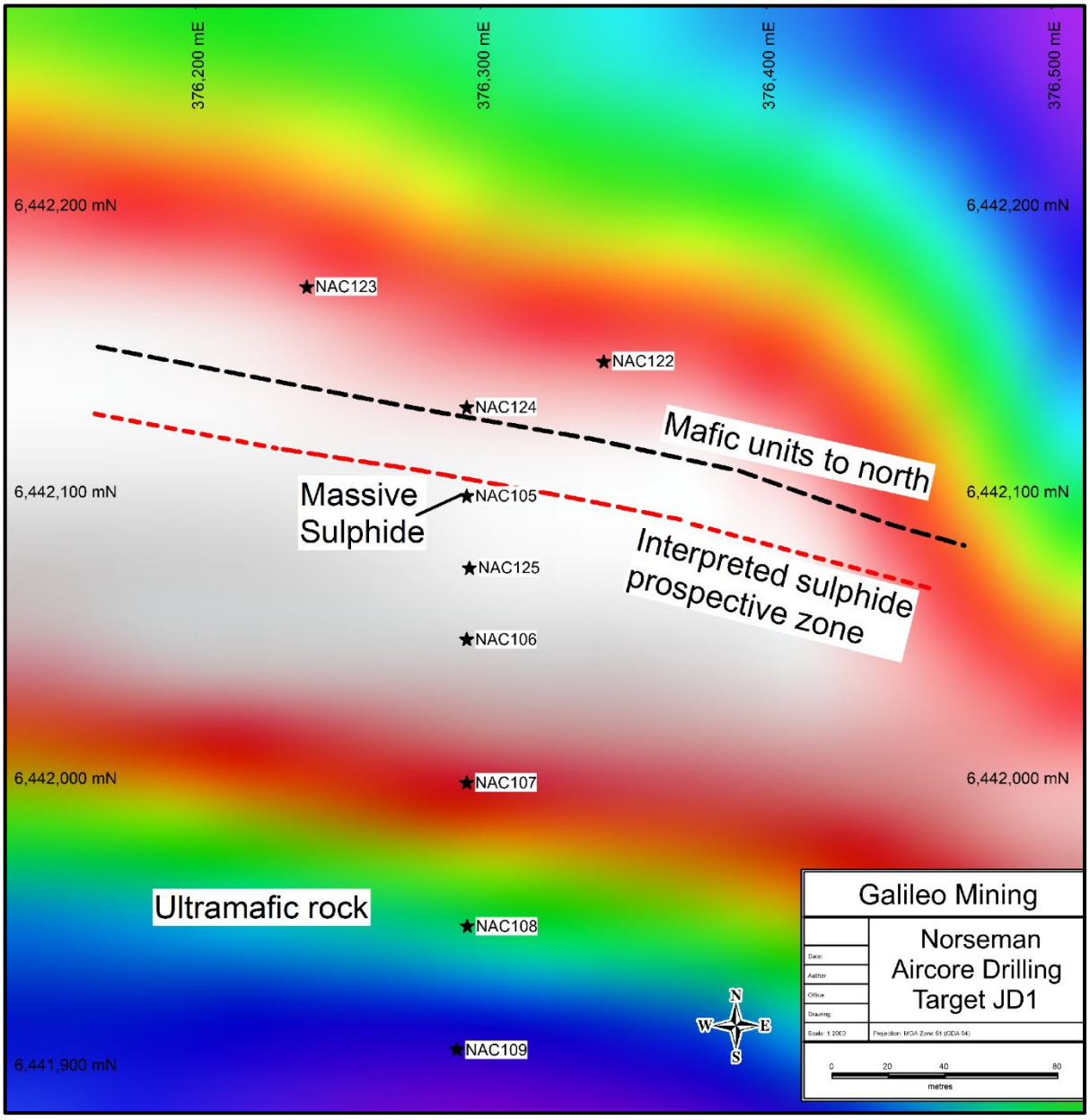
Galileo is currently halfway through a planned 10,000 metre aircore drill program which has been designed to highlight zones of interest for further RC and diamond drill testing. The sulphide mineralisation in NAC105 was intersected on the northern side of target JD1 (Figures 3 and 4) under alluvium and clay cover. JD1 occurs in the central position of the ultramafic Jimberlana Dyke where surface sampling identified maximum palladium values in soils of 0.81 g/t Pd while the maximum nickel recorded was 0.2% Ni [(1)]. Surface geochemical anomalism is associated with the outcropping Jimberlana Dyke layered intrusion. Prospective areas of the dyke to the north and south occur under shallow cover with soil sampling ineffective due to the cover material. Aircore drilling was designed to extend over these areas where cover prevented effective soil sampling.

Figure 3 —Priority drill targets at Norseman (over TMI magnetic image)



(1) Refer to Galileo's ASX announcements dated 17th May 2021 and 25th August 2021

Figure 4 —Aircore drilling on northern edge of JD1 target showing interpreted sulphide zone on contact between ultramafic and mafic rock units (over TMI magnetic image)

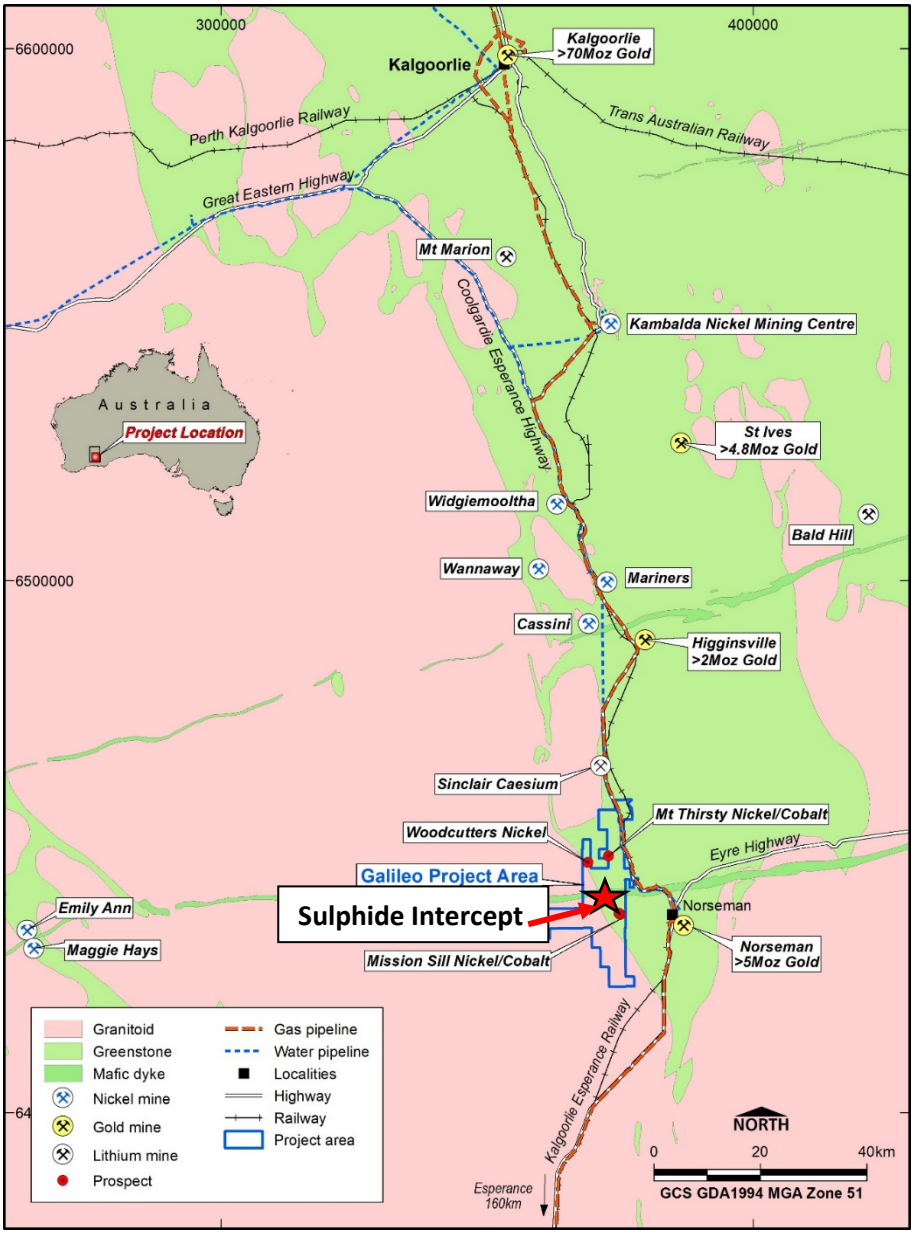


NAC105 was drilled to a depth of 61 metres with the final metre intersecting fresh massive sulphide at the end of the hole. The host rock appears to be a mafic/ultramafic intrusion based on drill chips immediately above the sulphide. Drill holes to the south intersected ultramafic rocks and those to the north were logged as mafic/ultramafic at the end of hole (Figure 4). A summary log of NAC105 is presented in Table 1 with collar details in Appendix 1. Thin section petrography is required to determine the precise rock classifications. Full laboratory assays and petrography will be undertaken to determine the metal values within the sulphides and the geological setting of the identified mineralisation.

Table 1: NAC105 Drill Log Summary

From (m)	To (m)	Comment
0	13	Alluvium and clay cover
13	41	Weathered saprolite
41	47	Silcrete/silica cap
47	60	Lower saprolite
60	61	Massive sulphide at end of hole with minor mafic/ultramafic chips within the logged interval

Figure 5 – 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 25th 2018 and ASX announcement dated 11th 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 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:

Aircore Drillhole Details

Hole ID	Prospect	East	North	RL	Dip	Azimuth	Depth	EOH Lithology
NAC105	JD1	376295	6442098	306	-60	0	61	Massive Sulphide
NAC106	JD1	376295	6442048	306	-60	0	54	Ultramafic
NAC107	JD1	376295	6441998	306	-60	0	65	Ultramafic
NAC108	JD1	376295	6441948	306	-60	0	61	Ultramafic
NAC109	JD1	376292	6441905	306	-60	0	63	Ultramafic
NAC122	JD1	376343	6442145	305	-60	0	50	Mafic
NAC123	JD1	376239	6442171	305	-60	0	33	Mafic
NAC124	JD1	376295	6442129	305	-60	0	56	Mafic/Ultramafic
NAC125	JD1	376296	6442073	306	-60	0	67	Ultramafic

Note: Easting and Northing coordinates are GDA94 Zone 51.

Appendix 2:

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 & blebby	1 – 5 %
Heavily disseminated	5 – 20 %
Matrix	20 – 40 %
Net textured	20 – 40 %
Semi-massive	>40 to < 80 %
Massive	>80 %

Appendix 3:

Galileo Mining Ltd – Fraser Range 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	• *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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *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.*	• Aircore drilling was completed on traverses testing geological targets based on aeromagnetic interpretation and/or surface geochemistry. • Drill cuttings representative of each 1m down hole interval of sample return were collected direct from the drill rig sample return system (cyclone) into a 20-litre plastic bucket and ground dumped in rows. • Each 1m sample pile from the residual (non-transported) portion of each hole was spear sampled to obtain representative sub-samples to end of hole for laboratory analysis. A 1m bottom of hole sub-sample was also collected for laboratory analysis. • Sub-sample weights were in the range 2-3kg. • Certified QAQC standards (blank & reference) and field duplicate samples were included routinely with 1 per 50 primary sub samples being a certified standard, blank or a field duplicate. • Samples have been submitted to an independent commercial assay laboratory. • Assay results are pending
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• The Aircore drilling method was used with an 85mm blade bit. • KTE Mining was the drilling contractor for the program utilising a KL150 model rig.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Sample recoveries are visually estimated for each metre by the geologist supervising the drilling. Poor or wet samples are recorded in the drill and sample log sheets. • The sample cyclone was routinely cleaned between holes and when deemed necessary within the hole. • No relationship has been determined between sample recovery and geology/grade and there is insufficient data to determine if there is a sample bias.

Criteria	JORC Code explanation	Commentary
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Geological logging of drill holes was done on a visual basis with logging including lithology, grainsize, mineralogy, texture, deformation, mineralisation, alteration, veining, colour and weathering. • Logging of drill chips is semi-quantitative and based on the presentation of representative drill chips retained for all 1m sample intervals in the chip trays. • All drill holes were logged in their entirety
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• All Aircore drill samples were collected using a PVC spear as 4m composites (2-3kg). Other composites of 3m, 2m and 1m were collected where required ie, at the bottom of hole or through zones of interest as identified by the geologist supervising the program. A specific 1m bottom of hole sub-sample was also collected by PVC Spear (2-3kg). • QAQC reference samples and duplicates were routinely submitted with each batch. • The sample size is considered appropriate for the mineralisation style, application and analytical techniques used.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *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.* • *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.*	• Assay results are pending.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• 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.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys),*	• Aircore drill hole collars are surveyed with a handheld GPS with an accuracy

Criteria	JORC Code explanation	Commentary
	trenches, mine workings and other locations used in Mineral Resource estimation. • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	of +/-5m which is considered sufficient for drill hole location accuracy. • Co-ordinates are in GDA94 datum, Zone 51. • Downhole depths are in metres from surface. • Topographic control has an accuracy of 2m based on detailed satellite imagery derived DTM.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* • *Whether sample compositing has been applied.*	• Aircore drill traverse spacing is not regular, the holes being placed to provide a systematic traverse pattern coverage of the geophysical/geochemical target area of interest. • Drill spacing along traverses has been at selective 50m intervals specific to the target zone and ongoing observations from the geologist during the drilling program. This spacing has been deemed adequate for first pass assessment only and is not considered sufficient to determine JORC Compliant Inferred Resources and therefore laboratory assay results and additional drilling would be required. • 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. A 1m sub-sample from end of hole has also been collected.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• All holes are inclined at 60 degrees. • It is unknown whether the orientation of sampling achieves unbiased sampling of possible structures as the target setting is hosted in soft regolith material with no measurable structures recorded in drill core. • No quantitative measurements of mineralised zones/structures exist and all drill intercepts are reported as down hole length, true width unknown. Blade refusal depth of the drill rig will vary due to rock type, structure and alteration intersected as well as in-hole drilling conditions.
Sample security	• *The measures taken to ensure sample security.*	• Each sub-sample was put into and tied off inside a calico bag. • Several of the samples were placed in a large plastic “polyweave” bag which are then zip tied closed, for transport to laboratory analysis no loss of material.

Criteria	JORC Code explanation	Commentary
		• Laboratory analysis samples are delivered directly to the laboratory in Kalgoorlie by Galileo staff.
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	• *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.* • *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.*	• The Norseman Project comprises two exploration licenses, eighteen granted prospecting licenses and one mining lease covering 278km^2 • All tenements within the Norseman Project are 100% owned by Galileo Mining Ltd. • The Norseman Project is centred around a location approximately 10km north-west of Norseman on vacant crown land. • All tenements in the Norseman Project are 100% covered by the Ngadju Native Title Determined Claim. • The tenements are in good standing and there are no known impediments.
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 Ni sulphides). Exploration focussed on the Mt 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)

Criteria	JORC Code explanation	Commentary
		• 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. • 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 • Australian Gold Resources ("AGR") held "Mt Thirsty Project" from 2000 to 30th June 2004. Works identified Ni-Co resources on the Project. • Anaconda Nickel Ltd ("ANL") explored AGR Mt Thirsty Project as part of the AGR/ANL Exploration Access Agreement 2000-2001. AGR/ANL (2000-2001) • Mapping focussed on identifying Co-Ni enriched regolith areas. • 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%. • 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. AGR (2003-2004) • Soil sampling over the Mission Sill and Jimberlana Dyke. • RC drilling (MTRC036-052) confirmed shallow PGE anomalism with best results of 1m at 2.04 combined Pt-Pd in MTRC038 from surface. • Petrography identified sulphide textures indicative of primary magmatic character. • Sixty samples were re-assayed for PGE when assays returned >0.05% Cu. A

Criteria	JORC Code explanation	Commentary
		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. Galileo Galileo commenced exploration on the Norseman Project from 30th June 2004 after sale of the tenement by AGR.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• 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 • The Mount Kirk formation is described as "Acid and basic volcanic rocks and sedimentary rocks, intruded by basic and ultrabasic rocks"
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *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.*	• Refer to drill hole collar reporting table in Appendix 1
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Assays not reported

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• It is unknown whether the orientation of sampling achieves unbiased sampling of possible structures as no measurable structures recorded in drill chips. • No quantitative measurements of mineralised zones/structures exist, and all drill intercepts are reported as down hole length in metres, true width unknown.
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.*	• Project location map and plan map of the drill hole locations with respect to each other and with respect to other available data. Drill hole locations have been determined with hand-held GPS drill hole collar location (Garmin GPS 78s) +/- 5m in X/Y/Z dimensions
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.*	• 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.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• EM surveying of prospective sulphide zone • Follow up RC drilling of sulphide mineralisation • Ongoing aircore drilling