



## **Panther Adds Prospective Nickel Sulphide Ground Opportunistic pegging of Marlin Nickel Sulphide Project 10km northeast of Flagship Coggia Nickel-Cobalt Project**

### **Highlights:**

- **Addition of Marlin Nickel Project, drill ready upon grant and prospective for nickel sulphide mineralisation, via opportunistic pegging of two exploration licenses covering 84km<sup>2</sup>**
- **Previous drilling intersected both high-grade nickel in saprolite and anomalous nickel in fresh ultramafic rocks: Best results include 20m at 1.02% Ni from 12m (saprolite, AC) and 204m at 0.21% Ni from 72m (fresh, RC)**
- **Historical logging identified lithologies prospective for nickel sulphide mineralisation, with olivine cumulates logged in RC chips**
- **Basal ultramafic contact remains untested by drilling with little testing of prospective mafic-ultramafic corridor within the project area**

### **Summary:**

Panther Metals Ltd (ASX: PNT) ('Panther' or 'the Company') is pleased to advise that it has further added to its Laverton centric nickel portfolio with the opportunistic pegging of 84km<sup>2</sup> of tenure covering a prospective mafic-ultramafic corridor including the historic White Cliffs Gossan.



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Of specific interest to the Company are eleven magnetic targets within the project area, five of which have had surface sampling carried out over them, with the other six having been lightly tested mostly via aircore drilling.

### Overview:

Previous drilling at Marlin has intersected near surface nickel mineralisation in weathered, altered ultramafic rocks including:

- 20m at 1.02% Ni from 12m (WCAC0179).
- 28m at 0.70% Ni from 8m (WCAC0180).

Drilling was also carried out to target nickel sulphide mineralisation within a thick komatiitic sequence which was intersected in several drillholes. Intercepts from this drilling included 204m at 0.21% Ni in WCRC0004. The footwall contact of this komatiite, which represents the priority lithological target in most Archaean komatiite-hosted nickel prospects, was not intersected in drilling and was not targeted in subsequent diamond drilling.

Given the wealth of historical data, the Company is well placed to immediately implement a series of high impact exploration programmes as soon as the licenses are granted.

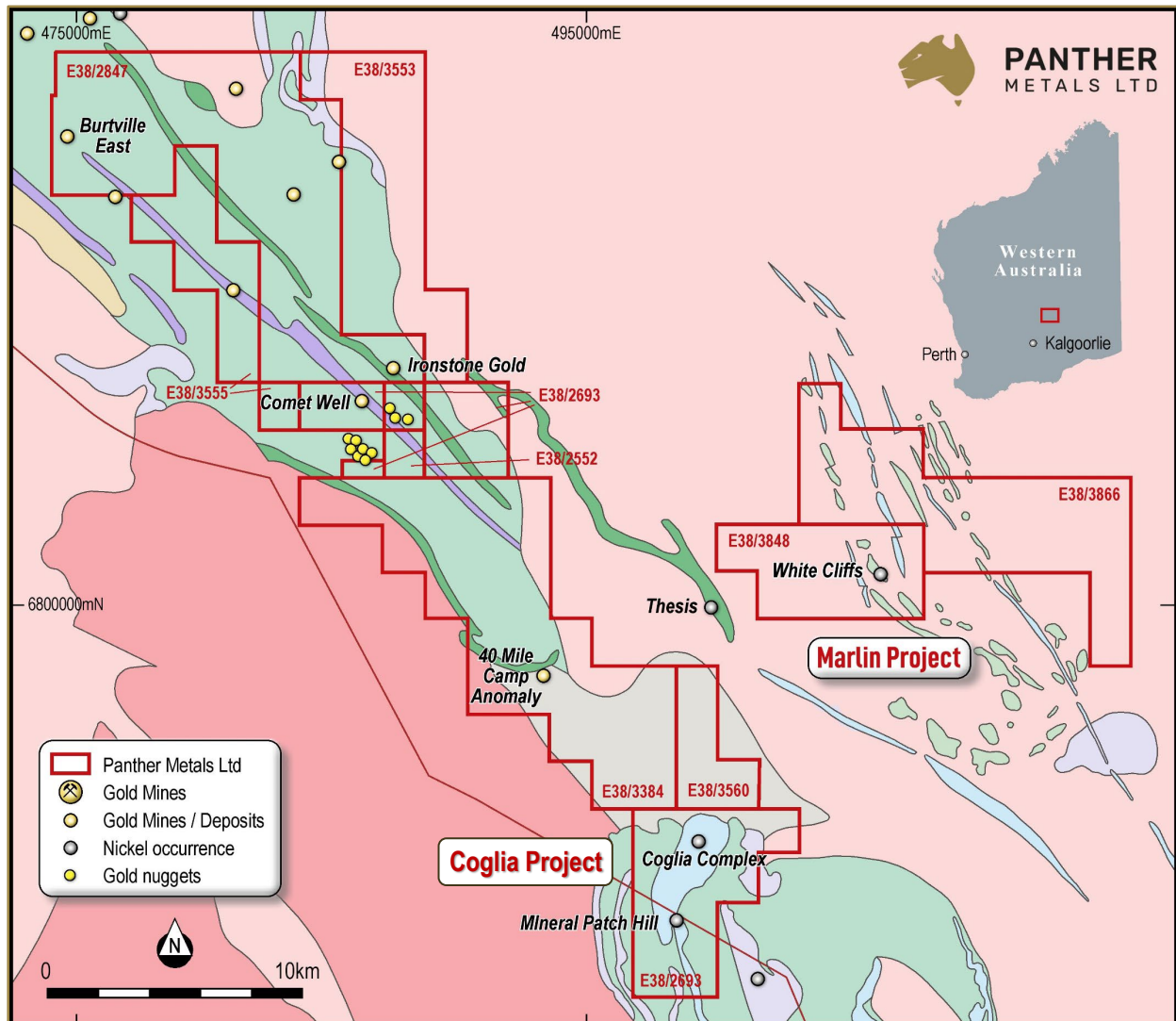
### Daniel Tuffin, Managing Director and CEO, commented:

*"We are very pleased to further expand our Western Australian battery metals portfolio with the low-cost addition of the Marlin Nickel Project through opportunistic pegging. The potential for the Marlin Nickel Project to host nickel sulphide mineralisation is well documented and diversifies the Company from its current focus on the nearby laterite-hosted Coggia Nickel-Cobalt deposit.*

*The substantial amount of historic exploration by well-respected industry peers gives us a solid foundation to generate targets for drilling and exploration at Marlin. We look forward to getting on the ground once tenure is granted."*

### Previous Exploration at Marlin:

The Marlin Nickel Project is located some 70km southeast of Laverton and 140km north of Kalgoorlie within the northeast Yilgarn Craton (**Figure 1**). The Project occurs along the eastern edge of the Laverton Greenstone Belt, however, due to the absence of outcrop and a blanket of recent cover, the presence of mafic-ultramafic lithologies in the area was not widely recognised until mapping and sampling by White Cliffs Minerals in 2006. The focus of exploration was initially the White Cliffs Gossan. Located on the Company's E38/3848 application it saw exploration carried out between 2007 and 2012, including attracting a Korean consortium as the funding partner in a joint venture. Exploration comprised surface sampling, airborne magnetic surveys, multiple campaigns of ground EM surveying, aircore and RC drilling.



**Figure 1:** Location of the Marlin Nickel Project relative to other nearby Panther tenure.

After discovery of the White Cliffs Gossan, the immediate area was traversed by shallow aircore drilling as detailed in **Appendix 1**. Best results included:

- 20m at 1.02% Ni from 12m (WCAC0179)
- 28m at 0.70% Ni from 8m (WCAC0180)
- 34m at 0.70% Ni from 16m (WCAC0190)
- 38m at 0.50% Ni from 8m (WCAC0192)

Mineralisation was recorded as occurring in weathered ultramafic rocks that have undergone strong silica-magnetite alteration and metamorphism. The highest nickel grades were associated with brown hematite stained saprolite that had undergone strong magnetite-silica-biotite alteration. Fresh rock was not intersected.

Deeper drilling encountered broad zones of anomalous Ni in fresh rock including:



- 124m at 0.14% Ni from 160m (WCRC0001)
- 80m at 0.24% Ni from 72m (WCRC0002)
- 204m at 0.21% Ni from 72m (WCRC0004)
- 192m at 0.22% Ni from 108m (WCRC0005)

In addition to the anomalous assay results, olivine cumulate sequences were observed in the RC drilling at the White Cliff Gossan prospect, leading to the recognition that these sequences could potentially form in other parts of the ultramafic intrusion within the project area. The RC drilling at White Cliffs did not reach the basal contact of the ultramafic unit, which is commonly the primary target for nickel mineralisation in Archaean settings.

A sizeable SAMSON EM survey was carried out to follow up the RC drilling programme with the aim of detecting bedrock conductors within the ultramafic unit. The survey was influenced by conductive cover with discrete anomalies detected away from the White Cliffs Gossan area. As a result, no direct follow up to the RC drilling has occurred.

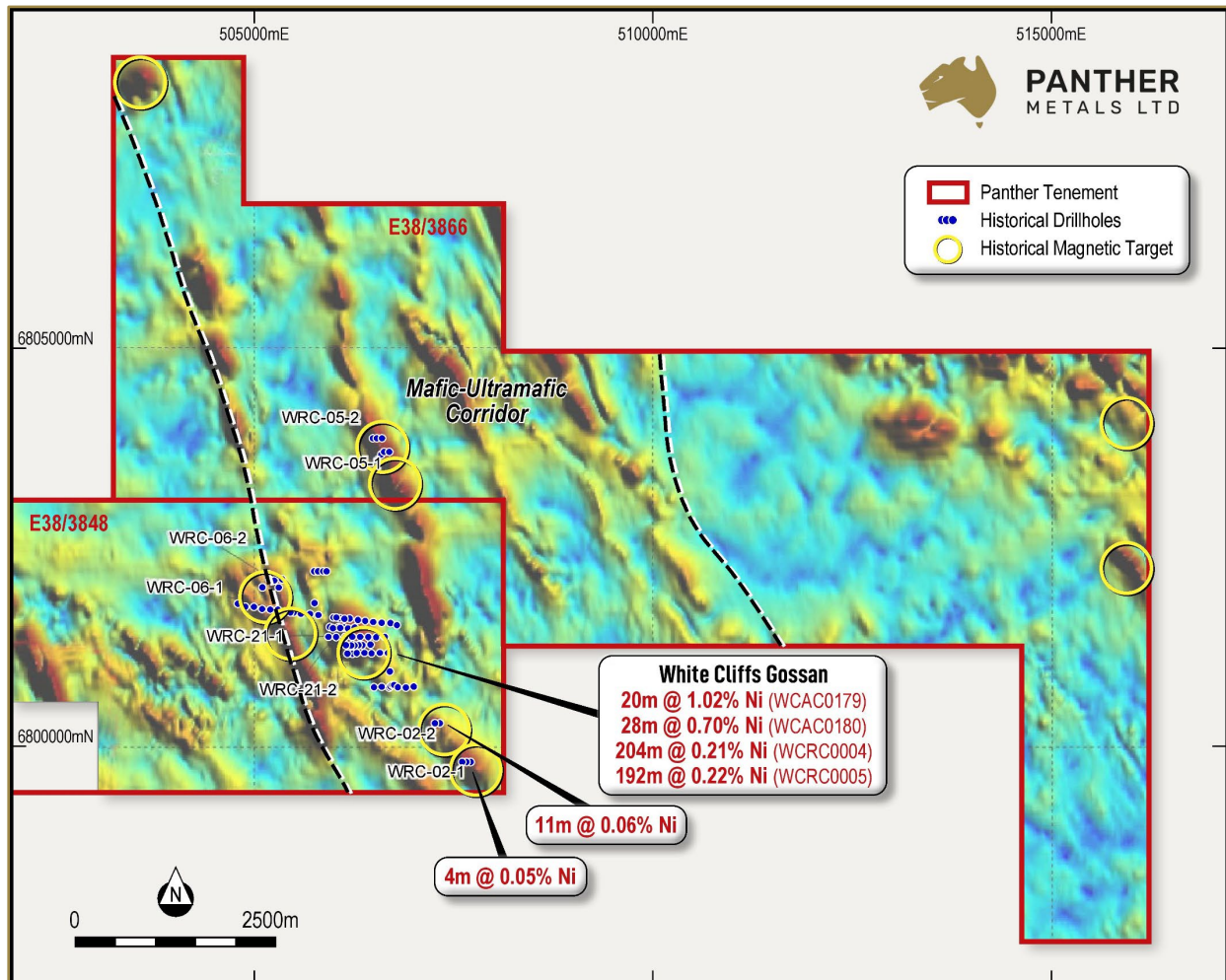
### **Exploration Strategy for Marlin:**

Given the attractive drilling results, attention quickly focussed on the White Cliffs area with the broader project area not advancing past the initial exploration stages. Within the Company's tenure, the White Cliff ultramafic komatiite unit has been interpreted to extend over 25km to the NNW of the White Cliff Gossan area. However, only a small portion of the unit was previously drill tested despite the entire unit being prospective for nickel sulphide mineralisation. Of specific interest to the Company are the presence of eleven magnetic targets within the project area, of which five have had surface sampling carried out over them and six have been drill tested (**Figure 2**).

Surface sampling by White Cliffs comprised an MMI survey completed on traverses across specific target areas. Broad scale surface sampling was not carried out. The Company plans to complete some orientation surveys once tenure is granted to determine the effectiveness of the MMI technique in this regolith setting, whether any regolith processes may have impacted the sampling and the ability to compare results from target to target and determine the next steps with a surface sampling programme.

White Cliffs also completed several ground EM surveys, initially at discrete targets within the project area and culminating in a larger scale SAMSON survey. No discrete bedrock conductors were detected in this survey within the Marlin Project, with conductive cover noted to be impacting on the survey. Once tenure is granted the Company plans to review all available EM data to determine if the surveys have been carried out over the entire extent of the ultramafic unit and whether the surveys have been an effective test, especially of the basal contact target.

Once all data is compiled, it is likely that the Company will seek input from an expert consultant to define and prioritise the targets within the Marlin Project. The abundance of historical information will enable the Company to vector in and fast track drill testing.



*Figure 2: Plan of the Marlin Nickel Project showing historical drilling and magnetic targets over magnetic image (Analytical Signal).*

### Competent Person Statement:

The information that relates to Exploration Results is based upon information compiled by Mr Bill Oliver, a consultant to the Company. Mr Oliver is a Member of the Australasian Institute of Geoscientists and the Australian Institute of Mining and Metallurgy. Mr Oliver has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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' (the JORC Code 2012). Mr. Oliver consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**This announcement has been approved and authorised by the Board of Panther Metals.**

For further information:

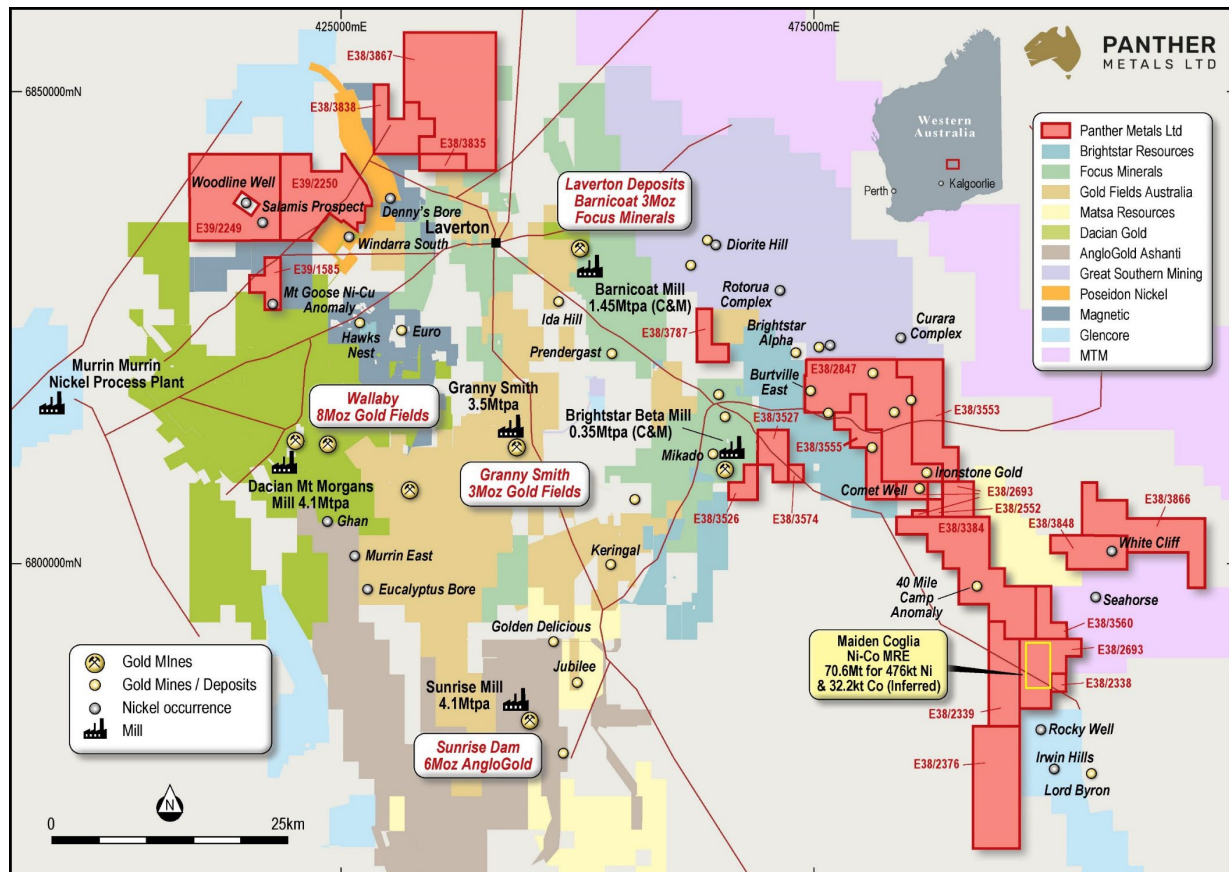
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About Panther Metals


Panther Metals is an ASX-listed Nickel-Cobalt and Gold explorer with drill-ready targets across six projects in the Mining Districts of Laverton, Western Australia and two in the Northern Territory.



Panther Metals' Western Australian Portfolio

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 <https://www.linkedin.com/company/panther-metals-ltd/>

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## Appendix 1. Marlin Drilling Data and Results

| Hole ID  | Hole Type | Easting | Northing | RL | Dip | Azi | Depth (m) | From (m) | To (m) | Length (m) | Ni (%) | Co (ppm) |
|----------|-----------|---------|----------|----|-----|-----|-----------|----------|--------|------------|--------|----------|
| WCRC001  | RC        | 506250  | 6801376  | 0  | -60 | 270 | 289       | 68       | 116    | 48         | 0.11   | 55       |
| WCRC001  | RC        | 506250  | 6801376  | 0  | -60 | 270 | 289       | 160      | 284    | 124        | 0.14   | 84       |
| WCRC002  | RC        | 506350  | 6801378  | 0  | -60 | 270 | 186       | 72       | 152    | 80         | 0.24   | 59       |
| WCRC003  | RC        | 506450  | 6801377  | 0  | -60 | 270 | 234       | 204      | 234    | 30         | 0.27   | 77       |
| WCRC004  | RC        | 506351  | 6801279  | 0  | -60 | 270 | 300       | 16       | 60     | 44         | 0.28   | 121      |
| WCRC004  | RC        | 506351  | 6801279  | 0  | -60 | 270 | 300       | 72       | 276    | 204        | 0.21   | 94       |
| WCRC005  | RC        | 506450  | 6801279  | 0  | -60 | 270 | 300       | 108      | 300    | 192        | 0.22   | 107      |
| WCRC006  | RC        | 506700  | 6800948  | 0  | -60 | 270 | 276       | 116      | 152    | 36         | 0.17   | 76       |
| WCAC0089 | AC        | 505900  | 6802200  | 0  | -90 | 0   | 100       | 56       | 64     | 8          | 0.13   | 159      |
| WCAC0090 | AC        | 505850  | 6802200  | 0  | -90 | 0   | 100       |          |        |            | NSI    |          |
| WCAC0091 | AC        | 505800  | 6802200  | 0  | -90 | 0   | 100       |          |        |            | NSI    |          |
| WCAC0092 | AC        | 505750  | 6802200  | 0  | -90 | 0   | 71        |          |        |            | NSI    |          |
| WCAC0096 | AC        | 505750  | 6801800  | 0  | -90 | 0   | 100       |          |        |            | NSI    |          |
| WCAC0165 | AC        | 505300  | 6802000  | 0  | 60  | -90 | 0         | 0        |        |            | NSI    |          |
| WCAC0167 | AC        | 505100  | 6802000  | 0  | 60  | -90 | 0         | 0        |        |            | NSI    |          |
| WCAC0171 | AC        | 506057  | 6801616  | 0  | -90 | 0   | 100       | 92       | 100    | 8          | 0.12   | 81       |
| WCAC0172 | AC        | 505997  | 6801620  | 0  | -90 | 0   | 100       | 4        | 52     | 48         | 0.16   | 141      |
| WCAC0172 | AC        | 505997  | 6801620  | 0  | -90 | 0   | 100       | 60       | 84     | 24         | 0.13   | 94       |
| WCAC0172 | AC        | 505997  | 6801620  | 0  | -90 | 0   | 100       | 96       | 100    | 4          | 0.10   | 82       |
| WCAC0173 | AC        | 506250  | 6801500  | 0  | 100 | -90 | 0         | 0        |        |            | NSI    |          |
| WCAC0174 | AC        | 506150  | 6801500  | 0  | -90 | 0   | 100       | 8        | 24     | 16         | 0.12   | 46       |
| WCAC0174 | AC        | 506150  | 6801500  | 0  | -90 | 0   | 100       | 28       | 36     | 8          | 0.30   | 162      |
| WCAC0175 | AC        | 506050  | 6801500  | 0  | -90 | 0   | 100       | 14       | 84     | 70         | 0.20   | 116      |
| WCAC0176 | AC        | 505950  | 6801500  | 0  | 100 | -90 | 0         | 0        |        |            | NSI    |          |
| WCAC0177 | AC        | 506298  | 6801377  | 0  | -90 | 0   | 100       | 4        | 37     | 33         | 0.15   | 85       |
| WCAC0177 | AC        | 506298  | 6801377  | 0  | -90 | 0   | 100       | 43       | 48     | 5          | 0.23   | 304      |
| WCAC0177 | AC        | 506298  | 6801377  | 0  | -90 | 0   | 100       | 92       | 100    | 8          | 0.10   | 71       |
| WCAC0178 | AC        | 506100  | 6801377  | 0  | -90 | 0   | 100       | 28       | 38     | 10         | 0.57   | 126      |
| WCAC0178 | AC        | 506100  | 6801377  | 0  | -90 | 0   | 100       | 52       | 64     | 12         | 0.11   | 67       |
| WCAC0179 | AC        | 506050  | 6801378  | 0  | -90 | 0   | 100       | 4        | 60     | 56         | 0.58   | 196      |
| WCAC0179 | AC        | 506050  | 6801378  | 0  | -90 | 0   | 100       | 12       | 27     | 15         | 1.19   | 617      |
| WCAC0180 | AC        | 506300  | 6801280  | 0  | -90 | 0   | 100       | 4        | 44     | 40         | 0.55   | 353      |
| WCAC0180 | AC        | 506300  | 6801280  | 0  | -90 | 0   | 100       | 12       | 16     | 4          | 1.26   | 3906     |
| WCAC0180 | AC        | 506300  | 6801280  | 0  | -90 | 0   | 100       | 48       | 100    | 52         | 0.19   | 103      |
| WCAC0181 | AC        | 506250  | 6801281  | 0  | -90 | 0   | 100       | 0        | 100    | 100        | 0.21   | 118      |
| WCAC0182 | AC        | 506200  | 6801280  | 0  | -90 | 0   | 100       | 4        | 100    | 96         | 0.22   | 122      |
| WCAC0183 | AC        | 506227  | 6801169  | 0  | -90 | 0   | 100       | 84       | 96     | 12         | 0.12   | 83       |
| WCAC0190 | AC        | 506087  | 6801384  | 0  | -90 | 0   | 50        | 12       | 50     | 38         | 0.66   | 155      |



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| Hole ID  | Hole Type | Easting | Northing | RL | Dip | Azi | Depth (m) | From (m) | To (m) | Length (m) | Ni (%) | Co (ppm) |
|----------|-----------|---------|----------|----|-----|-----|-----------|----------|--------|------------|--------|----------|
| WCACO190 | AC        | 506087  | 6801384  | 0  | -90 | 0   | 50        | 16       | 20     | 4          | 1.24   | 498      |
| WCACO191 | AC        | 506022  | 6801381  | 0  | -90 | 0   | 50        | 32       | 44     | 12         | 0.21   | 158      |
| WCACO192 | AC        | 506149  | 6801278  | 0  | -90 | 0   | 50        | 12       | 50     | 38         | 0.51   | 44       |
| WCACO192 | AC        | 506149  | 6801278  | 0  | -90 | 0   | 50        | 16       | 24     | 8          | 1.18   | 605      |
| WA0001   | AC        | 504791  | 6801793  | 0  | -90 | 0   | 2         |          |        |            | NSI    |          |
| WA0002   | AC        | 504891  | 6801759  | 0  | -90 | 0   | 5         |          |        |            | NSI    |          |
| WA0003   | AC        | 504992  | 6801751  | 0  | -90 | 0   | 9         |          |        |            | NSI    |          |
| WA0004   | AC        | 505095  | 6801733  | 0  | -90 | 0   | 12        |          |        |            | NSI    |          |
| WA0005   | AC        | 505192  | 6801723  | 0  | -90 | 0   | 14        |          |        |            | NSI    |          |
| WA0006   | AC        | 505291  | 6801713  | 0  | -90 | 0   | 18        |          |        |            | NSI    |          |
| WA0007   | AC        | 505393  | 6801690  | 0  | -90 | 0   | 11        |          |        |            | NSI    |          |
| WA0008   | AC        | 505343  | 6802105  | 0  | -90 | 0   | 12        |          |        |            | NSI    |          |
| WA0009   | AC        | 505244  | 6802088  | 0  | -90 | 0   | 19        |          |        |            | NSI    |          |
| WA0010   | AC        | 505194  | 6802099  | 0  | -90 | 0   | 12        |          |        |            | NSI    |          |
| WA0011   | AC        | 505486  | 6801686  | 0  | -90 | 0   | 12        |          |        |            | NSI    |          |
| WA0012   | AC        | 505578  | 6801677  | 0  | -90 | 0   | 9         |          |        |            | NSI    |          |
| WA0013   | AC        | 505691  | 6801664  | 0  | -90 | 0   | 9         |          |        |            | NSI    |          |
| WA0014   | AC        | 505799  | 6801651  | 0  | -90 | 0   | 9         |          |        |            | NSI    |          |
| WA0015   | AC        | 506019  | 6801624  | 0  | -90 | 0   | 61        | 25       | 45     | 20         | 0.10   | 82       |
| WA0016   | AC        | 506192  | 6801611  | 0  | -90 | 0   | 66        |          |        |            | NSI    |          |
| WA0017   | AC        | 506127  | 6801613  | 0  | -90 | 0   | 33        |          |        |            | NSI    |          |
| WA0018   | AC        | 506297  | 6801592  | 0  | -90 | 0   | 61        |          |        |            | NSI    |          |
| WA0019   | AC        | 506392  | 6801582  | 0  | -90 | 0   | 63        |          |        |            | NSI    |          |
| WA0020   | AC        | 506492  | 6801567  | 0  | -90 | 0   | 41        |          |        |            | NSI    |          |





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| Hole ID | Hole Type | Easting | Northing | RL | Dip | Azi | Depth (m) | From (m) | To (m) | Length (m) | Ni (%) | Co (ppm) |
|---------|-----------|---------|----------|----|-----|-----|-----------|----------|--------|------------|--------|----------|
| WA0021  | AC        | 506601  | 6801564  | 0  | -90 | 0   | 44        |          |        |            | NSI    |          |
| WA0022  | AC        | 506706  | 6801555  | 0  | -90 | 0   | 6         |          |        |            | NSI    |          |
| WA0023  | AC        | 506783  | 6801531  | 0  | -90 | 0   | 4         |          |        |            | NSI    |          |
| WA0028  | AC        | 505979  | 6801492  | 0  | -90 | 0   | 35        | 20       | 24     | 4          | 0.06   | 147      |
| WA0029  | AC        | 506075  | 6801495  | 0  | -90 | 0   | 28        | 4        | 28     | 24         | 0.23   | 140      |
| WA0030  | AC        | 506175  | 6801494  | 0  | -90 | 0   | 34        | 17       | 29     | 12         | 0.08   | 112      |
| WA0031  | AC        | 506626  | 6801378  | 0  | -90 | 0   | 49        |          |        |            | NSI    |          |
| WA0032  | AC        | 506530  | 6801375  | 0  | -90 | 0   | 63        |          |        |            | NSI    |          |
| WA0033  | AC        | 506426  | 6801382  | 0  | -90 | 0   | 34        | 29       | 33     | 4          | 0.05   | 140      |
| WA0034  | AC        | 506324  | 6801377  | 0  | -90 | 0   | 49        | 1        | 21     | 20         | 0.11   | 217      |
| WA0034  | AC        | 506324  | 6801377  | 0  | -90 | 0   | 49        | 37       | 45     | 8          | 0.12   | 189      |
| WA0035  | AC        | 506226  | 6801378  | 0  | -90 | 0   | 33        | 20       | 24     | 4          | 0.06   | 504      |
| WA0036  | AC        | 506126  | 6801378  | 0  | -90 | 0   | 32        | 4        | 28     | 24         | 0.32   | 191      |
| WA0037  | AC        | 506026  | 6801378  | 0  | -90 | 0   | 44        | 17       | 25     | 8          | 0.09   | 241      |
| WA0038  | AC        | 505926  | 6801376  | 0  | -90 | 0   | 36        |          |        |            | NSI    |          |
| WA0039  | AC        | 506470  | 6801174  | 0  | -90 | 0   | 11        |          |        |            | NSI    |          |
| WA0040  | AC        | 506674  | 6801177  | 0  | -90 | 0   | 28        |          |        |            | NSI    |          |
| WA0041  | AC        | 506572  | 6801175  | 0  | -90 | 0   | 18        |          |        |            | NSI    |          |
| WA0042  | AC        | 506377  | 6801175  | 0  | -90 | 0   | 26        |          |        |            | NSI    |          |
| WA0043  | AC        | 506273  | 6801176  | 0  | -90 | 0   | 42        | 33       | 37     | 4          | 0.44   | 449      |
| WA0044  | AC        | 506177  | 6801169  | 0  | -90 | 0   | 21        |          |        |            | NSI    |          |
| WA0045  | AC        | 506500  | 6800750  | 0  | -90 | 0   | 15        |          |        |            | NSI    |          |
| WA0046  | AC        | 506600  | 6800750  | 0  | -90 | 0   | 15        |          |        |            | NSI    |          |
| WA0047  | AC        | 506700  | 6800750  | 0  | -90 | 0   | 43        |          |        |            | NSI    |          |



| Hole ID          | Hole Type | Easting | Northing | RL | Dip | Azi | Depth (m) | From (m) | To (m) | Length (m) | Ni (%) | Co (ppm) |
|------------------|-----------|---------|----------|----|-----|-----|-----------|----------|--------|------------|--------|----------|
| WA0047<br>East   | AC        | 506718  | 6800766  | 0  | -90 | 0   | 45        |          |        |            | NSI    |          |
| WA0048           | AC        | 506800  | 6800750  | 0  | -90 | 0   | 33        |          |        |            | NSI    |          |
| WA0049           | AC        | 506900  | 6800745  | 0  | -90 | 0   | 43        |          |        |            | NSI    |          |
| WA0050           | AC        | 507000  | 6800756  | 0  | -90 | 0   | 17        |          |        |            | NSI    |          |
| WA0051           | AC        | 507704  | 6799811  | 0  | -90 | 0   | 60        | 49       | 53     | 4          | 0.05   | 40       |
| WA0052           | AC        | 507655  | 6799811  | 0  | -90 | 0   | 37        |          |        |            | NSI    |          |
| WA0053           | AC        | 507604  | 6799811  | 0  | -90 | 0   | 30        |          |        |            | NSI    |          |
| WA0066           | AC        | 507320  | 6800299  | 0  | -90 | 0   | 54        |          |        |            | NSI    |          |
| WA0067           | AC        | 507270  | 6800298  | 0  | -90 | 0   | 36        | 25       | 36     | 11         | 0.06   | 35       |
| WA0068 -<br>47EE | AC        | 506738  | 6800769  | 0  | -90 | 0   | 47        |          |        |            | NSI    |          |
| WA0069           | AC        | 505345  | 6801673  | 0  | -90 | 0   | 10        |          |        |            | NSI    |          |
| WA0070           | AC        | 505445  | 6801689  | 0  | -90 | 0   | 14        |          |        |            | NSI    |          |
| WA0083           | AC        | 506492  | 6803870  | 0  | -90 | 0   | 19        |          |        |            | NSI    |          |
| WA0084           | AC        | 506541  | 6803870  | 0  | -90 | 0   | 15        |          |        |            | NSI    |          |
| WA0085           | AC        | 506592  | 6803870  | 0  | -90 | 0   | 33        |          |        |            | NSI    |          |
| WA0086           | AC        | 506592  | 6803672  | 0  | -90 | 0   | 21        |          |        |            | NSI    |          |
| WA0087           | AC        | 506640  | 6803691  | 0  | -90 | 0   | 12        |          |        |            | NSI    |          |
| WA0088           | AC        | 506692  | 6803692  | 0  | -90 | 0   | 3         |          |        |            | NSI    |          |

NSI - No Significant Intersection

RL's were unsurveyed. Average project area height is 450mRL.

\* denotes sample at end of hole



## Appendix 2

The following tables are provided to ensure compliance with JORC Code requirements for the reporting of Exploration Results from the Marlin Ni Project

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria              | JORC Code Explanation  | Commentary  |
|-----------------------|--|---|
| Sampling techniques   | <p>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.</p> <p>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</p> <p>Aspects of the determination of mineralisation that are Material to the Public Report.</p> <p>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.</p> | <p>Historical exploration across Marlin reviewed with the following exploration results documented in this release:</p> <p>Drilling samples collected using aircore (AC) drilling. Samples collected using a spear to create samples for analysis, mostly composites of 4m. 1m samples were collected at end of hole.</p> <p>Drilling samples collected using reverse circulation (RC) percussion drilling. The entire sample is collected, homogenised and split to achieve a sample of approximately 2kg. The residue was placed on the ground from which 4m composite samples were created using a spear. The composite samples were submitted for analysis and 1m split samples submitted only where composite samples returned anomalous results.</p> <p>Analysis for all drill samples was carried out in an independent commercial laboratory (KalAssay – Kalgoorlie).</p> <p>Magnetic data was collected during a 100m spaced airborne survey in 2006. An analytical signal image is used in this announcement.</p> |
| Drilling techniques   | <p>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).</p>   | <p>RC drilling assumed to have used standard face sampling hammers.</p> <p>AC drilling assumed to have used standard blade bits.</p>  |
| Drill sample recovery | <p>Method of recording and assessing core and chip sample recoveries and results assessed.</p> <p>Measures taken to maximise sample recovery and ensure representative nature of the samples.</p> <p>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.</p>  | <p>No information about recoveries has been recorded. It is assumed that poor recoveries would have been documented if they occurred.</p>   |



| Criteria                                       | JORC Code Explanation   | Commentary  |
|--|---|---|
| Logging  | <p>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.</p> <p>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</p> <p>The total length and percentage of the relevant intersections logged.</p>   | <p>Geological logging of all drilling has been completed. Logging is not detailed and is qualitative in nature (weathering, colour, lithology, alteration).</p>   |
| Sub-sampling techniques and sample preparation | <p>If core, whether cut or sawn and whether quarter, half or all core taken.</p> <p>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</p> <p>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</p> <p>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</p> <p>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.</p> <p>Whether sample sizes are appropriate to the grain size of the material being sampled.</p> | <p>All RC samples were split to create a sample of approximately 1 to 2 kg, however split samples were only submitted when composite samples returned anomalous assays.</p> <p>All AC samples, and composite RC samples, were created using a spear to collect a sample of approximately 1 to 2 kg for laboratory testing. All samples are believed to have been sampled dry, no information on moisture is recorded.</p> <p>Appropriate sampling procedures were used to ensure representivity.</p> <p>The sample size is in line with standard practice and is appropriate to the grain size of the material being sampled.</p> |
| Quality of assay data and laboratory tests     | <p>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</p> <p>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.</p> <p>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.</p>   | <p>Samples were submitted to KalAssay laboratory in Kalgoorlie, an independent, accredited laboratory. Sample preparation is believed to be industry standard (crush, pulverise and subsample for analysis). Samples were analysed by ICP-MS with a 4-acid digest used for Ni, Co, Cr, Cu, Fe, Pb, W, Zn and an aqua regia digest used for Au, Ag, Pt, Pd.</p> <p>Industry standard QA/QC protocols are believed to have been used. Details of these protocols are still being acquired.</p>  |
| Verification of sampling and assaying          | <p>The verification of significant intersections by either independent or alternative company personnel.</p> <p>The use of twinned holes.</p>   | <p>Significant intersections have been estimated by consultants to the company and cross checked.</p> <p>No twinned holes were drilled, due to the early stage of exploration.</p> <p>Primary data not available, data compiled from statutory reporting.</p>   |



| Criteria  | JORC Code Explanation  | Commentary   |
|---|--|--|
|   | Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.<br><br>Discuss any adjustment to assay data.  | No adjustment to assay data has been carried out.  |
| Location of data points                                 | 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.<br><br>Specification of the grid system used.<br><br>Quality and adequacy of topographic control.  | The drillhole collars have been located with a handheld GPS with a $\pm 5m$ accuracy<br><br>Co-ordinates presented are in UTM format using the MGA94 datum (zone 51)<br><br>Open file topographic data has been used and is adequate for early-stage exploration.                  |
| Data spacing and distribution                           | Data spacing for reporting of Exploration Results.<br><br>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.<br><br>Whether sample compositing has been applied.                                   | Drillholes are being drilled at spacings between 50 and 100m on section, with sections 200 – 400 metres apart.<br><br>Drill spacing is intended to provide an initial test for mineralisation and is not sufficiently close spaced for inclusion in a Mineral Resource estimation. |
| 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.<br><br>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. | Drilling orientation is planned perpendicular to the regional structural trend or interpreted ultramafic units.<br><br>No sampling bias is expected.   |
| Sample security   | The measures taken to ensure sample security.  | No information recorded, unlikely to be a material issue   |
| Audits or reviews                                       | The results of any audits or reviews of sampling techniques and data.  | No audits have been completed.   |

## Section 2 Reporting of Exploration Results

(Criteria in this section apply to all succeeding sections.)

| 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.<br><br>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. | E38/3848 and E38/3866 were applied for by the Company on 16/05/2023 and 30/06/2023 respectively.<br><br>There are no known agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties.<br><br>There are no competing applications, and the objection period has passed. The tenements now follow regular protocols for grant, including updating of the heritage agreement with the Nyalpa Pirniku Native Title Party, with whom the Company has an existing agreement covering all current and future lease applications. |



| Criteria                          | JORC Code Explanation   | Commentary   |
|-----------------------------------|---|--|
|                                   |   | Sites of Aboriginal cultural significance may occur within the tenement areas. Should access to these be required the company will comply with relevant legislation and guidelines as well as in collaboration with the Nyalpa Pirniku Native Title Party  |
| Exploration done by other parties | Acknowledgment and appraisal of exploration by other parties.   | Limited historical exploration was carried out in the project area. Companies include Quadrant and de Beers.<br><br>Substantive exploration was completed by White Cliffs Minerals (previously Venture Exploration and White Cliffs Nickel) between 2006 and 2012.<br><br>Only minor exploration (desktop targeting, surface sampling) has been carried out since that time.   |
| Geology                           | Deposit type, geological setting and style of mineralisation.   | The Project is located in the north-eastern portion of the Eastern Goldfields Super Terrane, part of the Yilgarn Craton. The project comprises a poorly exposed Archaean greenstone belt or remnant fragments of a belt attenuated and fragmented by deformation. Mafic and ultramafic lithologies have been observed in rare outcrop however most of the subsurface geology is derived from drillhole data and magnetic interpretation.<br><br>Mineralisation targeted is Archaean komatiite hosted nickel sulphide mineralisation, with potential also for intrusion hosted nickel mineralisation to occur. In addition, secondary deposits such as lateritic or saprolite hosted nickel deposits may also be present. |
| 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:<br><br>easting and northing of the drill hole collar<br><br>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar<br><br>dip and azimuth of the hole<br><br>down hole length and interception depth<br><br>hole length.<br><br>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 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.<br><br>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   | Averaging is weighted based on length.<br><br>All results > 500ppm Ni are reported in Appendix 1 with high grade intervals (> 1% Ni) reported separately.<br><br>No metal equivalent results are reported.   |



| Criteria   | JORC Code Explanation  | Commentary   |
|--|--|--|
|  | <p>typical examples of such aggregations should be shown in detail.</p> <p>The assumptions used for any reporting of metal equivalent values should be clearly stated.</p>   |  |
| Relationship between mineralisation widths and intercept lengths | <p>These relationships are particularly important in the reporting of Exploration Results.</p> <p>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</p> <p>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').</p> | <p>Downhole lengths are presented in Appendix 1. True widths have not been calculated.</p>   |
| Diagrams   | <p>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.</p>  | <p>Refer to figures within this report.</p>  |
| Balanced reporting   | <p>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.</p>   | <p>All meaningful information has been included in the body of the text and all results are presented in Appendix 1.</p>   |
| Other substantive exploration data                               | <p>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.</p>     | <p>As detailed in the text exploration comprised surface sampling, airborne magnetic surveys, multiple campaigns of ground EM surveying, aircore and RC drilling.</p> <p>Panther intends to compile all data once tenure is granted and update with any material findings once these datasets have been integrated and reviewed.</p> |
| Further work   | <p>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</p>   | <p>As detailed in the text.</p>  |