



# News release

For Immediate Dissemination

ASX Announcement | 15 December 2022

## INFINITY CONFIRMS POSITIVE NICKEL RESULTS AT ITS BRISBANE NICKEL PROSPECT IN THE PILBARA, WA

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ASX Code: IMI

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**Highlights:**

- A total of 35 rock chip samples were collected at the Brisbane Nickel Prospect on the Panorama Project (E45/4779) in the Pilbara region of WA.
- Rock chip assays returned up to 7,636ppm (0.764%) Nickel (Ni) and 8,918ppm (0.892%) Chromium (Cr), consistent with previous open-file geochemical results.
- This prospect area was identified from open-file rock chip and costean sampling by Planet Metals, with values of up to 6,319 ppm Ni (0.632%) Ni and 14,800ppm (1.48%) Cr.
- A Helicopter-EM (VTEM) survey was recently flown by Infinity and preliminary data indicates a prominent conductive target located just 350m east of the Brisbane Nickel Prospect, which may represent a buried Ni-sulphide system.
- More work is planned at the Brisbane Nickel Project in 2023, including drilling of the EM conductive target.

**Infinity Mining Limited (ASX: IMI)** (the **Company** or **Infinity**) is pleased to announce that rock chip sampling at its Brisbane Nickel Prospect has returned anomalous Ni and Cr geochemistry, up to 0.764% Ni and 0.892% Cr. The prospect is located within Infinity's E45/4779 tenement at the Panorama Project, Pilbara WA.



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## Panorama Project

The Panorama Project in the Pilbara is highly prospective for shear-hosted gold systems, Conglomerate-gold hosted systems, Volcanogenic Hosted Massive Sulphide (VHMS) Cu-Zn deposits and Intrusive related Ni-Sulphide deposits. The Project lies immediately south of the Sulphur Springs and Kangaroo Caves Cu-Zn deposits, with the same geological units extending to the south onto Panorama. A regional map showing the location of the tenement in relation to Infinity's other projects is provided on **Figure 1**. A tenement map of the Panorama Project showing the location of the Brisbane Nickel Prospect is provided as **Figure 2**.

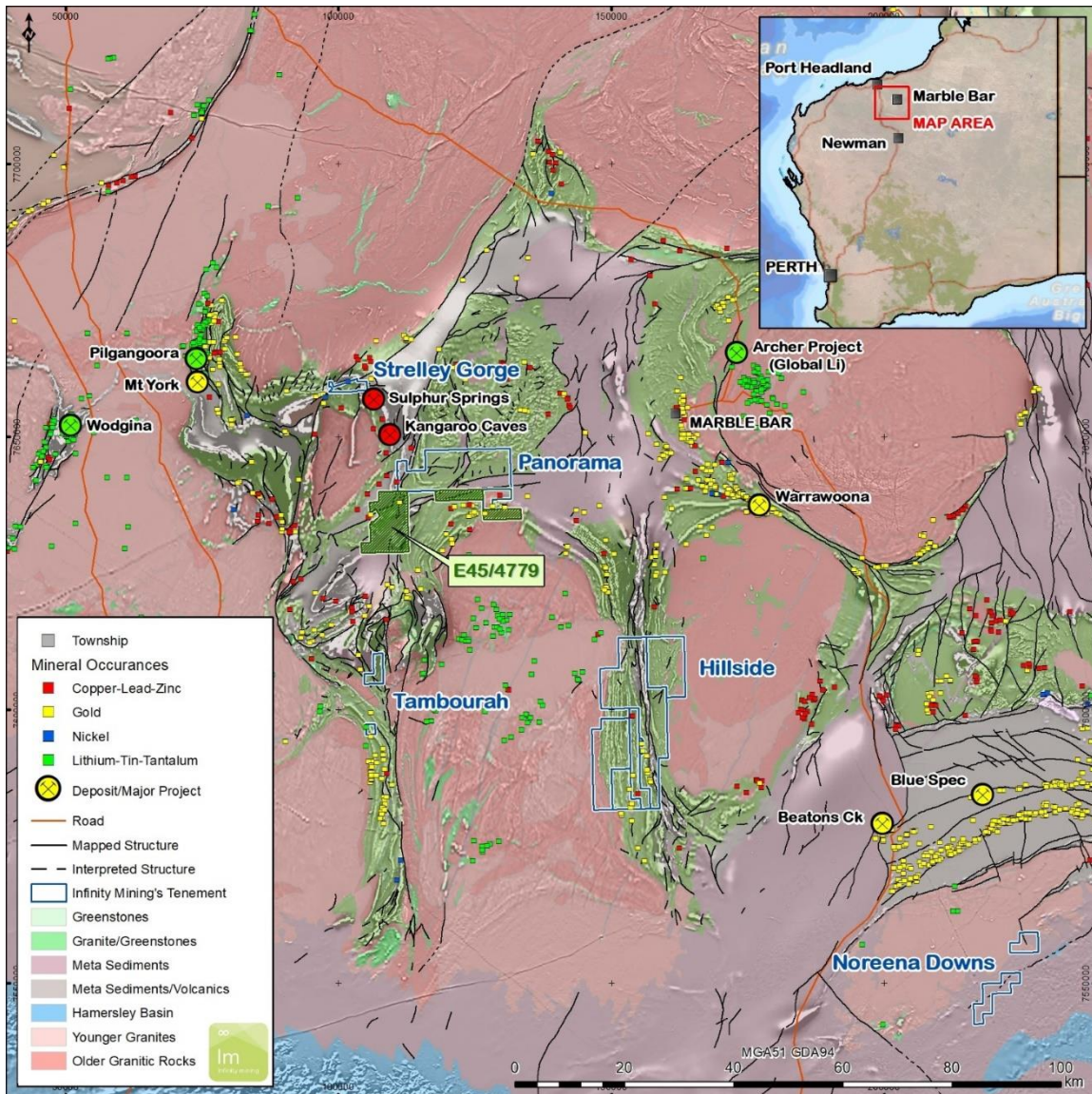


Figure 1: Pilbara Project Location

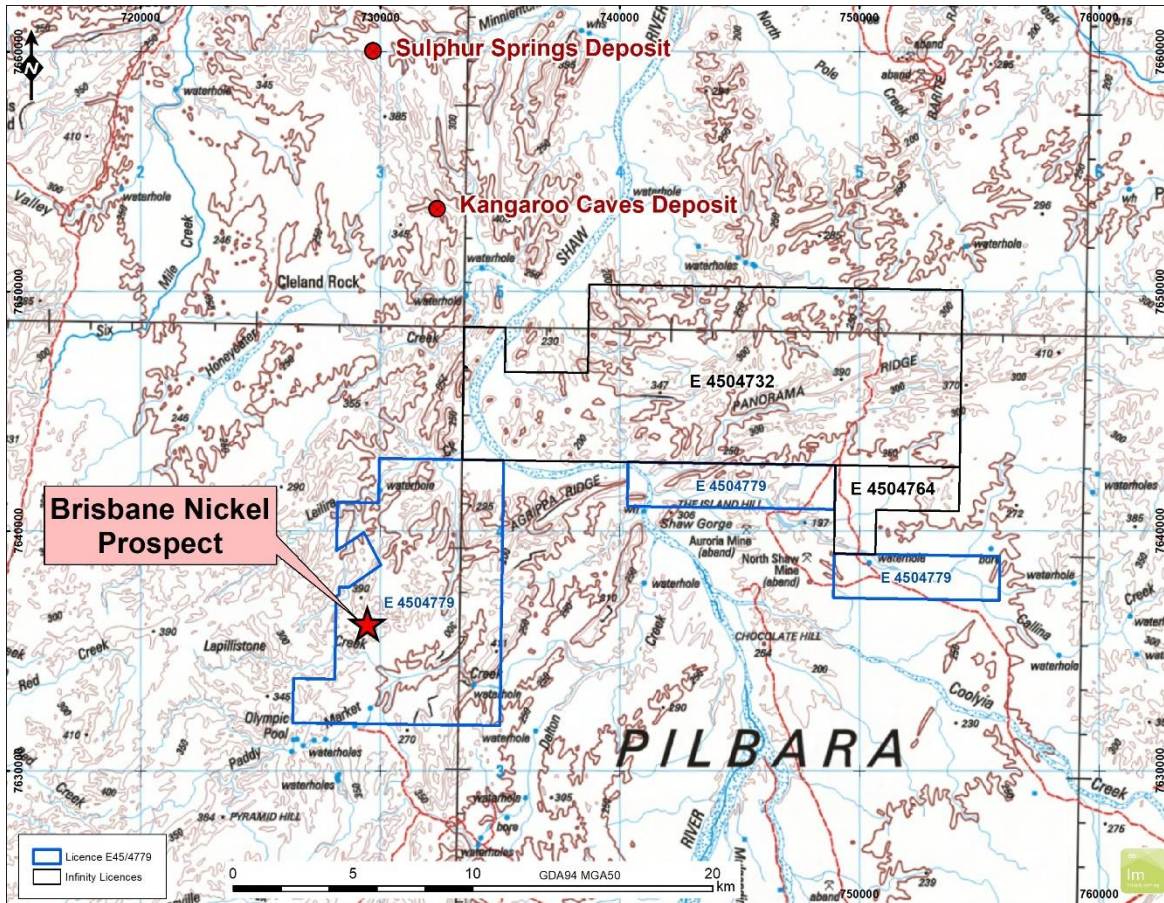


Figure 2. Panorama Tenement Map, including E45/4779

The main prospect of interest in Infinity’s licence E45/4779 is the Brisbane Nickel Prospect (see **Figure 2**). Much of the exploration work completed by Infinity to date has been focused on this Ni prospect and the surrounding areas, however the preliminary results from the recent helicopter-EM (VTEM) survey (see Infinity [ASX Announcement 20 October 2022](#)), which are currently being processed, are providing new exciting targets for Infinity to follow up in 2023.

### The Brisbane Nickel Prospect

The published Government geological map over the area<sup>1</sup> shows the Brisbane Nickel Prospect is located at the contact of Mg-rich ultramafic intrusive rocks of the Dalton Suite, which appears to have intruded along a stratigraphic contact within the Euro Basalt unit, between mafic volcanics to the south-west and more felsic volcanics plus volcanoclastic units to the northeast, see **Figure 3**.

<sup>1</sup> Hickman, A.H., 2012. North Shaw, WA, Sheet 2755 (2<sup>nd</sup> Ed), Geological Survey of WA, 1:100,000 Geological Series.

The rocks have been strongly folded and lie on the southern limb of a large south-west plunging antiformal structure. The area is heavily faulted and located adjacent to a large structural zone which has faulted the relatively younger Fortescue Group, in particular the Mt Roe Basalt, against and over the Euro Basalt along the southern limb of the antiform. Public domain Government magnetic data indicates that the Ultramafic intrusive of the Dalton Suite continues underneath the mapped Fortescue Group to the south.

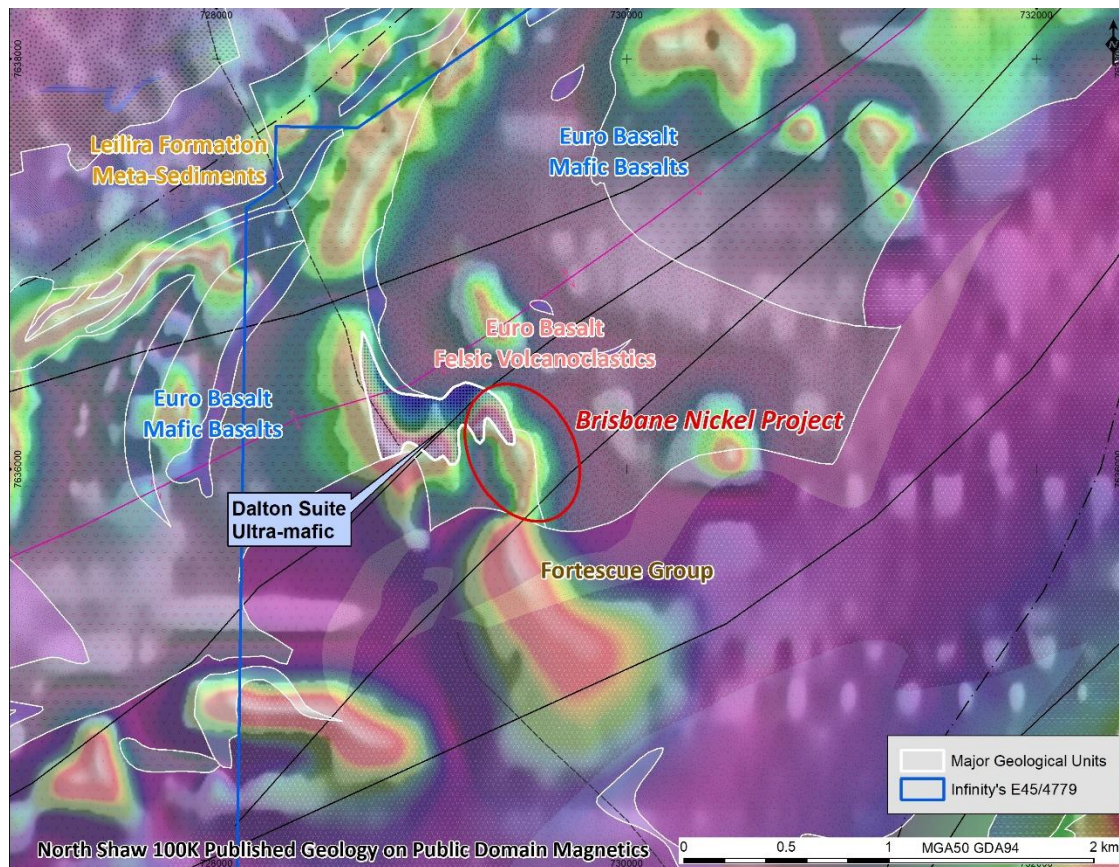


Figure 3. Magnetic TMI Image and regional geology (Hickman, 2012<sup>2</sup>) of the Brisbane Nickel prospect on E45/4779.

## Summary of Open File Data

The Brisbane Nickel Prospect was first identified in 1969 by Planet Metals<sup>3</sup> who carried out a program of geological mapping and rock chip sampling along the basal contact of a serpentinised Mg-rich ultra-mafic intrusive of the Dalton Suite.

<sup>2</sup> Hickman, A.H., 2012. North Shaw, WA, Sheet 2755 (2<sup>nd</sup> Ed), Geological Survey of WA, 1:100,000 Geological Series.

<sup>3</sup> Planet Metals Ltd, 1969. The Brisbane Nickel Prospect, Western Australia, WA DMIRS WAMEX Open File Report, A60431, 45pgs.



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The Dalton Suite is considered to be an important host rock for Nickel. For example, approximately 30km to the south of the Brisbane Nickel Prospect (off the licence), the Dalton Suite ultra-mafic intrusives are host to the Dalton Ni-Platinum Group Elements (PGE) prospect<sup>4</sup>. Drilling by Giralia Resources NL<sup>5</sup> at the Dalton Ni-PGE prospect has intersected narrow high-grade Ni-Cu-Co with PGEs up to 3.5m @ 1.5% Ni, 0.85% Cu and 0.81g/t PGEs including narrow high-grade Ni-Cu-PGE in associated drilling (Goldsworthy & Stewart, 2011).

Previous rock chip sampling by Planet Metals at the Brisbane Nickel Prospect returned samples up to 0.52% Ni and 1.48% Cr within gossanous shears in a strata-bound “basal” olivine rich peridotite intrusive. Follow up work involving costean sampling confirmed the anomalous Ni up to 0.632% Ni, see **Figure 4** and **Appendices 1, 2 and 3** Precious Group Elements (PGEs) were not assayed for by Planet Metals.

Planet Metals, who held the licence from 1969 to 1971, believed that the high Ni and Cr values were most likely related enrichment of Ni and Cr by weathering<sup>6</sup>. Planet Metals concluded that there could be potential for concealed Ni mineralisation down dip from the surface contact at depth, but no further work was carried out after 1971. Searches carried out by Infinity indicate that no other exploration programs by other companies have been carried out since Planet Metals in 1971.

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<sup>4</sup> Mines and Mineral Deposits of Western Australia (MINEDEX), DMIRS Digital Database, ID., ANZWA1220000513

<sup>5</sup> Goldsworthy, J.D. and Stewart, M.A., 2011. Daltons Project, Giralia/Haoma Joint Venture, Annual Technical Report to the Department of Mining and Petroleum for the 12 months ending 29 March, 2011, WA DMIRS WAMEX Open File Report, A89779, 41pgs

<sup>6</sup> Planet Metals Ltd, 1971. Technical Report, The Brisbane Nickel Prospect, Soansville, Western Australia, WA DMIRS WAMEX Open File Report, A60432, 116pgs.



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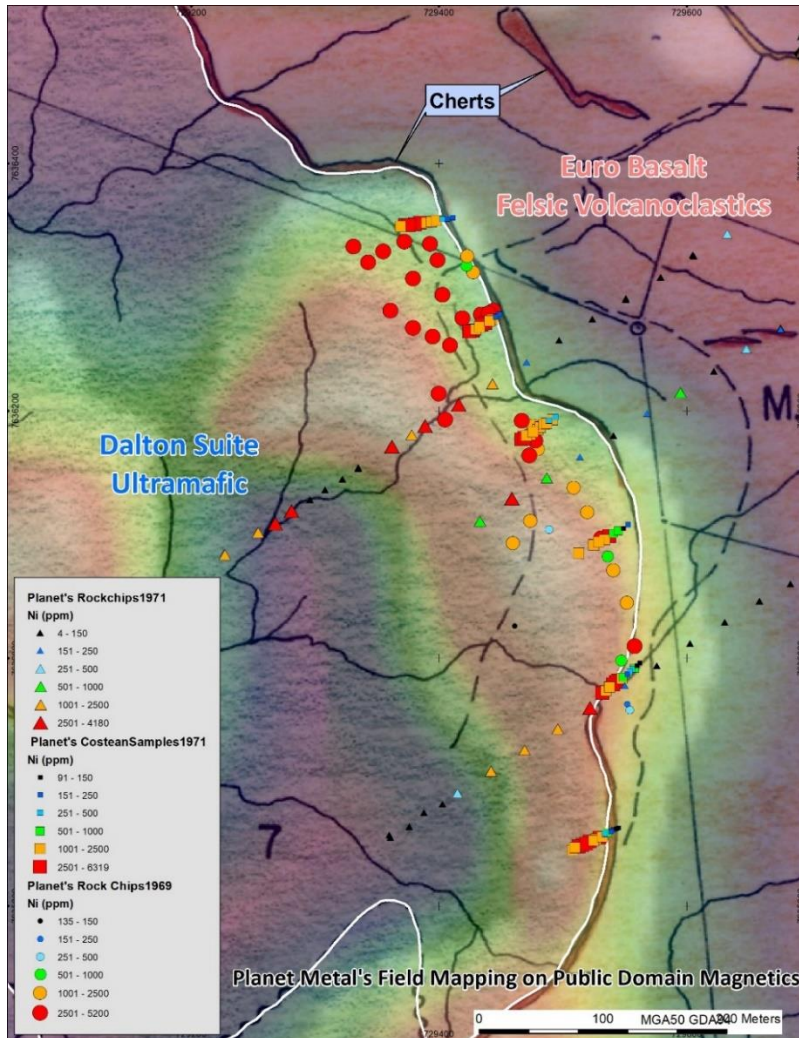


Figure 4. Planet Metals' Rock Chip and Costean Sampling on mapped geology (Planet Metals, 1971 see JORC table)

## Infinity's 2022 Field Program

A reconnaissance exploration program was carried out at the Brisbane Nickel Prospect by Infinity in 2022. The reconnaissance program confirmed the presence of a large Mg-rich ultra-mafic body (peridotite), with gossanous and silicified shear zones plus gossanous cherts along the peridotite contact. No sulphides were seen at surface due to strong weathering but strong iron and manganese rich gossans were observed. Thirty-five (35) rock chip samples were taken over the contact zones and out onto the ultra-mafic, see **Figure 5**. The samples were sent to Jinning Testing Laboratories in Perth for analysis. Assay results returned up to 7,636 ppm (0.764%) Ni, 8,918 ppm (0.892%) Cr and 2,569 ppm (0.257%) Zn, see **Table 1**. These results confirm the anomalous Ni-Cr geochemistry recorded by Planet Metals.

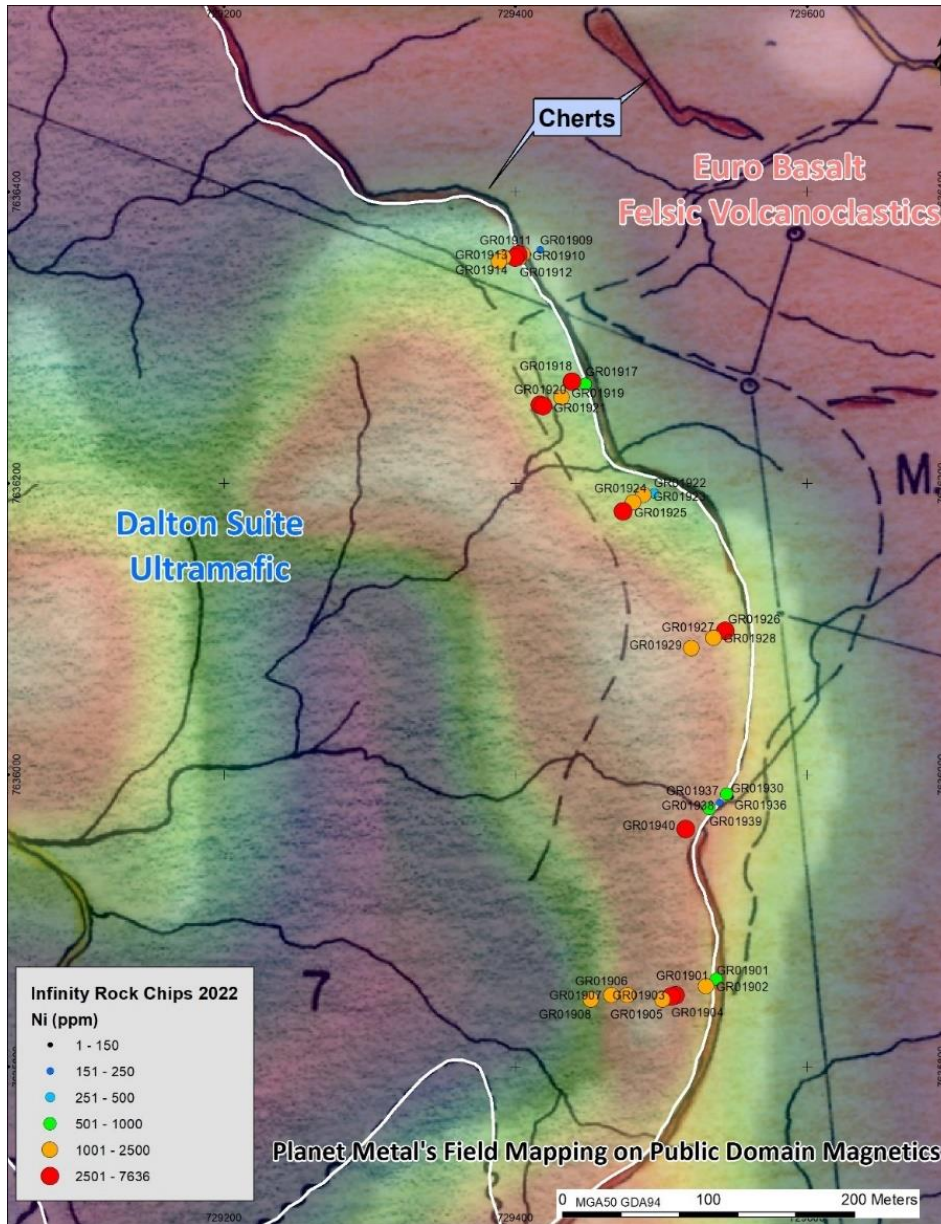


Figure 5. Infinity's Rock Chip Sampling Ni Assays on TMI magnetic image and mapped geology (Planet Metals, 1971, see JORC table)



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Table 1. Infinity rock chip sample results

Sample ID	MGA 50 GDA94		ppm					
	North	East	Co	Cr	Cu	Ni	Pb	Zn
GR01901	7635860	729538	45	940	<b>501</b>	833	<b>258</b>	<b>1129</b>
GR01902	7635855	729531	195	809	16	1879	6	144
GR01903	7635849	729510	268	519	13	<b>6060</b>	22	299
GR01904	7635848	729507	96	<b>2264</b>	5	<b>2606</b>	4	61
GR01905	7635846	729501	82	<b>1901</b>	6	1576	5	50
GR01906	7635849	729477	107	<b>1009</b>	7	<b>2151</b>	3	35
GR01907	7635849	729466	95	<b>1313</b>	3	1980	6	42
GR01908	7635846	729452	90	<b>1441</b>	13	1909	3	47
GR01909	7636360	729417	103	17	85	205	12	373
GR01910	7636357	729409	9	722	5	85	3	97
GR01911	7636357	729405	230	980	62	<b>2495</b>	23	<b>1219</b>
GR01912	7636355	729403	225	429	21	<b>2495</b>	22	<b>2569</b>
GR01913	7636357	729402	209	<b>1568</b>	82	<b>2899</b>	17	<b>1049</b>
GR01914	7636355	729400	297	814	76	<b>3848</b>	18	<b>2009</b>
GR01915	7636355	729392	57	844	7	1081	4	50
GR01916	7636352	729389	61	475	11	1555	3	31
GR01917	7636268	729448	60	172	82	577	39	432
GR01918	7636270	729439	120	811	83	<b>2757</b>	4	46
GR01919	7636259	729432	119	<b>2215</b>	5	<b>2161</b>	5	42
GR01920	7636254	729417	98	<b>1049</b>	2	<b>2515</b>	3	35
GR01921	7636253	729419	106	<b>1215</b>	3	<b>2879</b>	6	38
GR01922	7636193	729495	11	176	53	253	15	124
GR01923	7636192	729488	108	<b>8918</b>	67	1939	45	751
GR01924	7636187	729481	139	<b>3263</b>	28	<b>2374</b>	31	<b>1389</b>
GR01925	7636181	729474	150	<b>1666</b>	27	<b>3020</b>	15	407
GR01926	7636101	729546	2	46	8	100	6	26
GR01927	7636099	729544	292	886	46	<b>7636</b>	18	688
GR01928	7636094	729536	107	<b>1539</b>	12	1778	3	61
GR01929	7636087	729521	88	758	4	<b>2454</b>	6	55
GR01930	7635985	729548	4	25	7	69	5	13
GR01936	7635985	729548	5	401	51	65	24	84
GR01937	7635987	729545	22	452	257	712	5	464
GR01938	7635981	729540	50	885	107	221	29	408
GR01939	7635977	729533	53	<b>2176</b>	77	806	54	502
GR01940	7635963	729517	251	906	16	<b>4394</b>	17	260





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## 2022 Helicopter VTEM Survey

Infinity recently carried out a helicopter-EM (VTEM) survey over several Pilbara project areas including Panorama in October. One of the surveys, consisting of 449 line-km, covered E45/4779 and the Brisbane Nickel project (see Infinity [ASX Announcement 20 October 2022](#)). Gridded images from the preliminary EM survey data shows a large prominent conductive anomaly target (700m x 400m) located adjacent to the Brisbane Nickel Prospect, approximately 350m to the east of the main gossans and anomalous geochemical samples, see **Figure 6**. Public domain magnetic images show that the preliminary VTEM anomaly is associated with a magnetic low anomaly, which could be related to alteration and mineralising fluids. The relationship between the anomalous Ni-Cr-Zn gossans and the VTEM anomaly to the east are not yet understood. Interpretation of the VTEM data is ongoing. However, this EM conductive target may represent a buried Ni-sulphide system.

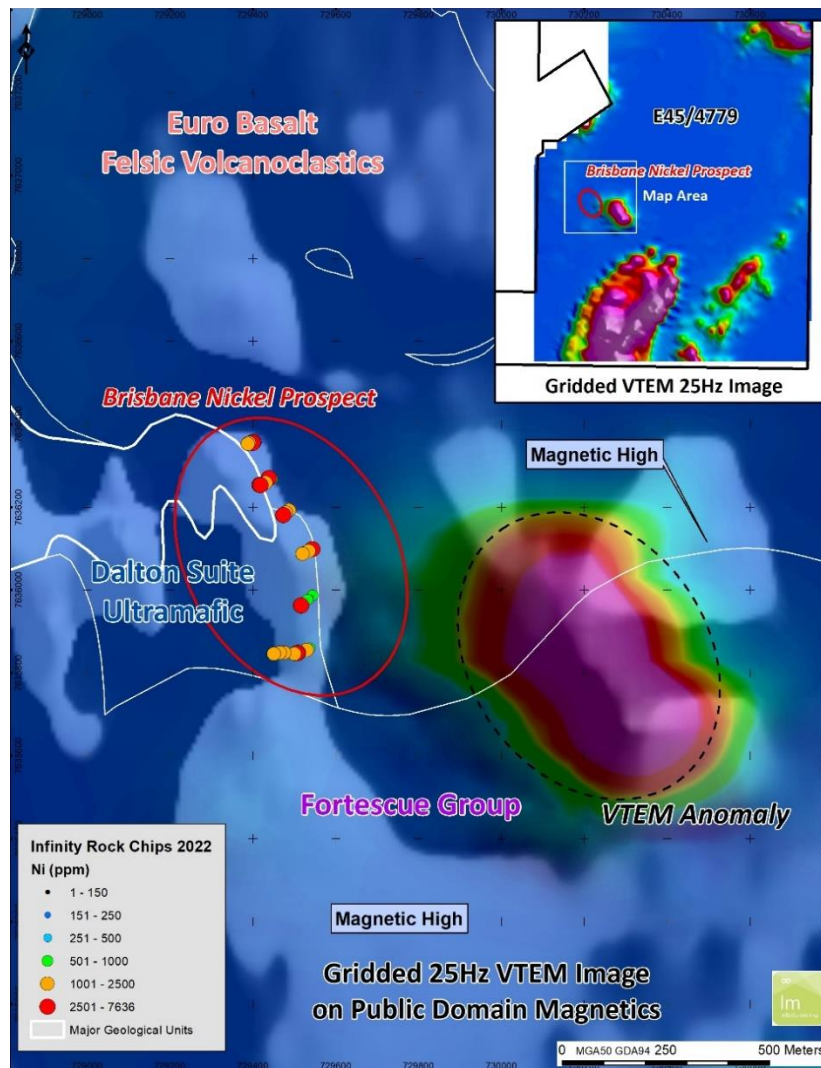


Figure 6. Gridded 25Hz VTEM image showing main VTEM Anomaly Target to the east of the Brisbane Nickel Prospect (on public domain magnetics)



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## Future work

The final interpretation of the VTEM data is currently underway. Once access tracks into the prospect have been repaired, a program of more detailed reconnaissance and rock chip sampling over the VTEM anomaly will be carried out. This work will then be used for drill targeting, with the aim of discovering new zones of Ni-sulphide mineralisation at depth. Infinity plans to drill the main targets on this project in the 2023 field season.

## Joe Groot, CEO of Infinity Mining commented:

“Infinity has had a very productive first year exploring in the Pilbara. The identification of the Brisbane Nickel prospect in open file data and confirmation of the anomalous Ni-Cr geochemistry is very exciting, especially as the preliminary work from our VTEM survey has identified a prominent conductive anomaly target nearby. We are eagerly awaiting the start of the 2023 exploration season to get out into the field to test this Nickel target. “

## On behalf of the Board of Directors, Mr Joe Phillips, Executive Chairman

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## Competent Persons Statement

The information contained in this report that relates to the Exploration Results is based on information compiled by Dr Darryn Hedger, who is a Member of the Australasian Institute of Mining and Metallurgy. Dr Hedger is a Geological Consultant for Infinity Mining and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has undertaken to qualify as Competent Person as defined in the 2012 Edition of the Australasian JORC Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Hedger consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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## Company Profile

Infinity Mining Limited holds 100% interest in 711km<sup>2</sup> of tenements in the Pilbara and Central Goldfields regions of Western Australia, comprising 10 exploration licences, 2 mining leases and 7 Prospecting licences. The tenements are located in highly prospective gold-copper-lithium terranes. Historically the Company has spent ~\$5.5M on exploration of these tenements. The Company's business strategy is to develop near-term gold targets in the Central Goldfields to support the longer-term investment needed to develop the Pilbara tenements (Lithium, Gold, Copper projects).

## Caution Regarding Forward Looking Statements

Certain of the statements made and information contained in this press release may constitute forward-looking information and forward-looking statements (collectively, "forward-looking statements") within the meaning of applicable securities laws. All statements herein, other than statements of historical fact, that address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future, including but not limited to statements regarding exploration results and Mineral Resource estimates or the eventual mining of any of the projects, are forward-looking statements. The forward-looking statements in this press release reflect the current expectations, assumptions or beliefs of the Company based upon information currently available to the Company. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and no assurance can be given that these expectations will prove to be correct as actual results or developments may differ materially from those projected in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include but are not limited to: unforeseen technology changes that results in a reduction in copper, nickel or gold demand or substitution by other metals or materials; the discovery of new large low cost deposits of copper, nickel or gold; the general level of global economic activity; failure to proceed with exploration programmes or determination of Mineral resources; inability to demonstrate economic viability of Mineral Resources; and failure to obtain mining approvals. Readers are cautioned not to place undue reliance on forward-looking statements due to the inherent uncertainty thereof. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. The forward-looking statements contained in this press release are made as of the date of this press release and except as may otherwise be required pursuant to applicable laws, the Company does not assume any obligation to update or revise these forward-looking statements, whether as a result of new information, future events or otherwise.

# 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
<p>Sampling techniques</p>	<ul style="list-style-type: none"> <li>• <i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></li> <li>• <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li>• <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li>• <i>In cases where ‘industry standard’ work has been done this would be relatively simple (e.g. ‘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 (e.g. submarine nodules) may warrant disclosure of detailed information.</i></li> </ul>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>• In October 2022 a helicopter based VTEM Max survey was carried out over E45/4779 by UTS.</li> <li>• The survey was flown along E-W lines, with N-S ties lines, over the entire tenement for a total of 450line km.</li> <li>• The survey was flown at 200m line spacing at a nominal flight height of 80m.</li> <li>• The system used was a Geotech Ltd VTEM™ Max (Versatile Time Domain Electro Magnetic) 25Hz towed by a helicopter.</li> <li>• Navigation used a real time (WAAS) Novatel GPS Navigation System providing an in-flight accuracy up to 1.5 metres</li> <li>• The Radar altimeter had an accuracy of approximately 1.5 meter</li> <li>• A UTS Geophysics data acquisition system was used with data being recorded on a flash card.</li> <li>• Data was processed by Newexco Exploration Pty Ltd in Perth.</li> </ul> <p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>• 35 rock chip samples between 1 to 3 kg were collected by a qualified geologist on site.</li> <li>• All sample information, including lithological descriptions and GPS coordinates were recorded during the sampling process.</li> <li>• Individual samples were bagged in calco bags and sent to Jinning Testing Laboratory in Perth, WA, for multi-element analysis.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>• A total of 61 rock chips samples were collected by a qualified geologist on site.</li> <li>• Sample details, including brief descriptions, were recorded in the field on sample cards and topography maps.</li> <li>• Samples were bagged and sent by air to Sheens Laboratory in Perth</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• A total of 86 rock chips samples were collected along 3 local NE-SW grid lines were collected by a qualified geologist on site.</li> <li>• Sample details were recorded in the field on sample cards and topography maps.</li> <li>• Samples were bag and sent to Planlab, Sydney.</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• A total of 72 channels samples were collected along 6 costeans by a qualified geologist on site.</li> <li>• Sample details were recorded in the field on sample cards and on field maps.</li> <li>• Samples were bag and sent to Planlab, Sydney.</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Field maps were created by the geologist on site.</li> <li>• No information as to the source or method of mapping was supplied.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>• <i>Drill type (e.g. 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).</i></li> </ul>	<ul style="list-style-type: none"> <li>• NA</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>• <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> <li>• <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• NA</li> </ul>
Logging	<ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></li> <li>• <i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>• Rock chip sample descriptions were logged by a qualified geologist on site.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>• Rock chips samples were logged by a qualified geologist.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Rock chips samples were logged by a qualified geologist.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Channels samples and costeans were logged by a qualified geologist.</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Field mapping was carried out by a qualified geologist.</li> </ul>
<p><i>Sub-sampling techniques and sample preparation</i></p>	<ul style="list-style-type: none"> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>Rock chip samples of varied weights between 1 to 3kg were collected by a qualified geologist on site.</li> <li>The single site rock chips samples were collected from outcrop in the field or from old workings using a geological hammer.</li> <li>Sampling was focused on the exposed gossan and quartz veining.</li> <li>Samples were stored at Infinity Mining's secure yard in Leonora then transported to Jinning Testing laboratory in Perth for analysis.</li> <li>Samples were dried and pulverised to nominal 85% passing 75 microns.</li> <li>Multi-element analysis was by ICP-OES for a 33-element suite.</li> <li>Rock chip assays for the key elements are included in a Table in the announcement.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>Rock chips sample weights and method of collection were not supplied.</li> <li>Sampling was focused on gossanous material, quartz/silicified zone and host rocks units.</li> <li>Sample chain of custody was not supplied.</li> <li>Sample were analyzed at Sheen's Laboratory, Perth.</li> <li>No sample prep or digestion methods were supplied.</li> <li>Sample were assayed by AAS for Ni, Co, Cu &amp; Cr.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Rock chips sample weights and method of collection were not supplied.</li> <li>Sampling was carried on 50 ft and 100 ft spaced sites along 3 lines up to 600 ft apart.</li> <li>Sample chain of custody was not supplied.</li> <li>Sample were analyzed at Planlab, Sydney.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>No sample prep or digestion methods were supplied.</li> <li>Sample were assayed by a Phillips XRF spectrometer for Ni, Co &amp; Cu.</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>6 costeans orientated across the ultramafic contact and spaced 300ft to 400ft apart were sampled.</li> <li>Samplings were collected from in 6 inch wide channels spaced between 5 ft to 15 ft along the costean</li> <li>Channel sample weights and method of collection were not supplied.</li> <li>Sample chain of custody was not supplied.</li> <li>Sample were analyzed at Planlab, Sydney.</li> <li>No sample prep or digestion methods were supplied.</li> <li>Sample were assayed by a Phillips XRF spectrometer for Ni, Co &amp; Cu.</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Field mapping details were not supplied.</li> </ul>
<p>Quality of assay data and laboratory tests</p>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <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>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>VTEM Max (Versatile Time Domain Electro Magnetic) was calibrated UTS.</li> <li>The system used <ul style="list-style-type: none"> <li>Low Base frequency of 25Hz</li> <li>Transmitter loop diameter – 35 m</li> <li>Peak dipole moment – 700,000 NIA</li> <li>Transmitter Pulse Width – 7 ms</li> <li>VTEM max Receiver – Z,X, coils</li> </ul> </li> </ul> <p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>No QA/QC or duplicates inserted by Infinity.</li> <li>Jinning Testing Laboratory used internal standards and repeats to ensure acceptable levels of accuracy and precision.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>No QA/QC details were supplied or discussed Cr.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>No QA/QC details were supplied or discussed</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>No QA/QC details were supplied or discussed</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>No QA/QC details were supplied or discussed</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>NA</li> </ul>
Location of data points	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>Novatel GPS receiver system determined the absolute position of the helicopter in three dimensions using as many as 11 GPS satellites at any one time.</li> <li>Bendix King; KRA-405B radar altimeter, KNI-415 Indicator, and KA-54A antennas <ul style="list-style-type: none"> <li>Altitude range 0 to+2500ft.</li> <li>Altitude Accuracy: <math>\pm</math> 5ft (1.5m) or +/- 5% (whichever is greater), at 0 to 500 feet and <math>\pm</math> 7% at 500 to 2,500 feet</li> <li>Sample rate: 10 Hz</li> </ul> </li> </ul> <p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>Rock chip locations were recorded with a handheld GPS with a +/- 3m to 5m accuracy.</li> <li>GDA94 datum and MGA zone 50 was used.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>Sample locations were captured off georeferenced maps</li> <li>Accuracy +/- 20m</li> <li>GDA94 datum and MGA zone 50 was used</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Sample locations were captured off georeferenced maps</li> <li>Accuracy +/- 20m</li> <li>GDA94 datum and MGA zone 50 was used</li> </ul>



Criteria	JORC Code explanation	Commentary
		<p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Sample locations were captured off georeferenced maps and google imagery</li> <li>• Accuracy +/- 20m</li> <li>• GDA94 datum and MGA zone 50 was used</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Field maps were georeferenced in a GIS old licence boundaries and topographical features.</li> <li>• GDA94 datum and MGA zone 50 was used</li> </ul>
<p><i>Data spacing and distribution</i></p>	<ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <i>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.</i></li> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>• The survey was flown at 200m line spacing at a nominal flight height of 80m.</li> </ul> <p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>• The distribution of sampling was dependent on the identification of quartz veining and gossans near surface.</li> <li>• Sample locations are provided in Table 1.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>• The distribution of sampling was dependent on the identification of quartz veining and gossans near surface.</li> <li>• Sample locations are shown in Figure 4</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• The distribution of sampling was independent and based on line and site spacing.</li> <li>• Sample locations are shown in Figure 4</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• The distribution of costeans was dependent on the ultramafic contact zone.</li> <li>• Sample locations are shown in Figure 4</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Field maps were based on topography and geology</li> </ul>

Criteria	JORC Code explanation	Commentary
<p><i>Orientation of data in relation to geological structure</i></p>	<ul style="list-style-type: none"> <li>• <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li>• <i>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.</i></li> </ul>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>• The survey was flown along E-W lines, with N-S ties lines.</li> <li>• This alignment is best suited to the foliation, folding and faulting of fabric of the rocks.</li> </ul> <p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>• The distribution of sampling was dependent on the identification of quartz veining and gossans near surface.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>• The distribution of sampling was dependent on the identification of quartz veining and gossans near surface.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Sample lines design to cross the ultramafic contact.</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Costeans were designed to cross the ultramafic contact.</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>
<p><i>Sample security</i></p>	<ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>• Data was stored in a secure computer system on site and at UTS's offices.</li> </ul> <p><u>Infinity Rock Chip sampling 2022</u></p> <ul style="list-style-type: none"> <li>• Rock Chip samples were stored at Infinity Mining's were transported from the field camp directly to Jinnings Testing laboratory in in Perth for analysis.</li> <li>• A high degree of sample security was implemented during the entire chain of custody.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>• Unknown</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>• Unknown</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Unknown</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Unknown</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<p><u>Infinity VTEM Survey 2022</u></p> <ul style="list-style-type: none"> <li>The data were verified by a geophysist on site during capture and in the office during processing.</li> <li>A geophysist at Newexco also checked daily data acquisitions.</li> </ul> <p><u>Infinity Rock Chip Sampling 2022</u></p> <ul style="list-style-type: none"> <li>No audits or reviews of sampling techniques and data were undertaken.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>Unknown</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Unknown</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Unknown</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Unknown</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>The Panorama Project comprises tenements (E 45/4732, 45/4764 &amp; 45/4779). All tenements are held in the name of Infinity Mining Limited.</li> <li>The Panorama Project is located approximately 40 km W of Marble Bar in the East Pilbara Mineral Field of Western Australia. Port Hedland is the nearest port to the project area, located approximately 175 km W of the Panorama project area.</li> </ul>

Criteria	JORC Code explanation	Commentary
<p><i>Exploration done by other parties</i></p>	<ul style="list-style-type: none"> <li><i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>All tenements are in good standing.</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1961 (A60431)</u></p> <ul style="list-style-type: none"> <li>Rock chip sampling returned 0.52% Ni and 1.08% Cr</li> </ul> <p><u>Planet Metals Ltd, Rock Chip sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Rock chip sampling returned 0.418% Ni, 0.135% Cu and 0.115% Cu.</li> </ul> <p><u>Planet Metals Ltd, Costean sampling 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>Channel sampling returned 0.632% Ni and 442ppm Cr</li> </ul> <p><u>Planet Metals Ltd, Field Mapping, 1971 (A60432)</u></p> <ul style="list-style-type: none"> <li>A detail geological map of the prospect was generated and detailed costean maps up to 1:300 were created.</li> </ul> <p><u>Giralia Resources NL, 2011 (A89776).</u></p> <ul style="list-style-type: none"> <li>Drilling at their Dalton Project (off 45/4848) and 30km south of the Brisbane Project between 2004-2006 recorded <ul style="list-style-type: none"> <li>RDDN022 intersected nickel rich sulphides in a basal Dalton Suite ultramafic at 300m with 0.15m @ 5.82% Ni, 1.41% Cu &amp; 1.35g/t PGE</li> <li>RDDN029 recorded 3.5m @ 1.61% Ni, 0.85% Cu &amp; 0.8/t PGE in metasediments below a serpentinised ultramafic body</li> </ul> </li> <li>No details of these drill holes, intersections or data were supplied in the report.</li> </ul>
<p><i>Geology</i></p>	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>The Panorama Project at the northern end of the Yule Batholith with highly structural deformed greenstones.</li> <li>The majority of the geology of E45/4779 consists of various meta-basaltic units, with komatiitic flows, tectonic and sedimentary cherts, and conglomeratic/sandstone units of the Euro Basalt, Panorama Formation, Mt Ada Basalt.</li> <li>Ultramafic intrusives of the Dalton Suite occur with the older units.</li> <li>Rocks of the Fortescue Group, in particular the Mount Roe are present and commonly consist of thick-bedded massively to weakly vesicular basaltic formation.</li> <li>The Panorama area is prospective for a range of metalliferous deposits including VMS style copper mineralization, Komatiite-hosted Nickel-sulphide deposits and shear-hosted gold deposits.</li> </ul>

Criteria	JORC Code explanation	Commentary
Drill hole Information	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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>	<ul style="list-style-type: none"> <li>• NA</li> </ul>
Data aggregation methods	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• No data aggregation methods have been applied.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• NA</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• See diagrams in body of report.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• NA</li> </ul>

Criteria	JORC Code explanation	Commentary
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li><i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></li> </ul>	<ul style="list-style-type: none"> <li>There is no other exploration data that are considered to be material to the results reported herein.</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>Detailed interpretation of the VTEM data</li> <li>Further field reconnaissance and sample</li> <li>Drilling targeting and drilling</li> <li>Refer to the main body of the announcement for details.</li> </ul>

## Appendix 1

### Planet Metals Rock Chips 1969

SampleID	E_m50g94	N_m50g94	LocSource	Cu_ppm	Ni_ppm	Co_ppm	Cr_ppm
IRM-2	729444	7636281	A60431 Geology Map	18	4000	200	620
IRM-3	729434	7636278	A60431 Geology Map	24	5200	190	620
IRM-4	729419	7636275	A60431 Geology Map	17	3200	220	620
IRM-5	729440	7636279	A60431 Geology Map	21	4270	190	820
IRM-6	729428	7636312	A60431 Geology Map	18	1550	132	870
IRM-7	729422	7636317	A60431 Geology Map	16	1000	96	880
IRM-8	729423	7636325	A60431 Geology Map	58	1180	156	5000
IRM-10	729409	7636253	A60431 Geology Map	13	3090	112	170
IRM-11	729395	7636260	A60431 Geology Map	10	3080	108	230
IRM-12	729379	7636267	A60431 Geology Map	12	3180	146	370
IRM-13	729361	7636281	A60431 Geology Map	9	2840	122	610
IRM-15	729343	7636320	A60431 Geology Map	14	2900	124	320
IRM-16	729331	7636333	A60431 Geology Map	13	2600	120	150
IRM-17	729355	7636329	A60431 Geology Map	11	2850	100	220
IRM-18	729372	7636337	A60431 Geology Map	10	2690	108	200
IRM-19	729393	7636335	A60431 Geology Map	12	2880	126	290
IRM-30	729403	7636294	A60431 Geology Map	24	2520	112	230
IRM-31	729399	7636322	A60431 Geology Map	14	2660	116	260
IRM-32	729379	7636307	A60431 Geology Map	11	3270	132	270
IRM-34	729480	7636169	A60431 Geology Map	58	1740	116	6200
IRM-35	729473	7636164	A60431 Geology Map	35	2620	70	4100
IRM-36	729478	7636176	A60431 Geology Map	50	2760	134	3400
IRM-37	729476	7636188	A60431 Geology Map	28	1720	84	2900
IRM-38	729467	7636192	A60431 Geology Map	25	3170	212	3300
IRM-41	729400	7636214	A60431 Geology Map	10	3370	102	130
IRM-42	729405	7636193	A60431 Geology Map	15	3700	136	320
IRM-47	729554	7635958	A60431 Geology Map	24	290	11	1100
IRM-48	729552	7635963	A60431 Geology Map	18	160	4	1200
IRM-49	729538	7635982	A60431 Geology Map	230	225	20	250
IRM-50	729547	7635998	A60431 Geology Map	100	755	30	1000
IRM-51	729558	7636010	A60431 Geology Map	27	4650	285	660
IRM-52	729552	7636045	A60431 Geology Map	78	1520	175	1700
IRM-53	729541	7636071	A60431 Geology Map	23	1660	81	1040
IRM-54	729536	7636082	A60431 Geology Map	138	935	92	10800
IRM-55	729531	7636097	A60431 Geology Map	11	4800	165	1800
IRM-56	729520	7636118	A60431 Geology Map	17	1720	163	1900
IRM-57	729509	7636138	A60431 Geology Map	50	1960	92	2200
IRM-58	729474	7636111	A60431 Geology Map	8	1910	162	1000
IRM-59	729460	7636093	A60431 Geology Map	34	1890	125	1400
IRM-60	729489	7636104	A60431 Geology Map	48	275	55	440
IRM-61	729461	7636026	A60431 Geology Map	10	135	48	30

## Appendix 2

### Planet Metals Rock Chips 1971

SampleID	Line	E_m50g94	N_m50g94	Zn	Ni	Co	Cu	LocSource
NR221A	L300E	729360	7635857	132	30	67	6	A60432-MagFig
NR221B	L300E	729361	7635855	99	40	57	<2	A60432-MagFig
NR222	L300E	729376	7635864	100	4	49	<2	A60432-MagFig
NR223A	L300E	729388	7635875	97	6	51	5	A60432-MagFig
NR223B	L300E	729388	7635875	105	8	58	31	A60432-MagFig
NR224	L300E	729403	7635882	63	13	60	1352	A60432-MagFig
NR225	L300E	729415	7635891	45	401	58	2	A60432-MagFig
NR226A	L300E	729442	7635909	48	1084	120	72	A60432-MagFig
NR226B	L300E	729442	7635909	16	397	30	15	A60432-MagFig
NR226C	L300E	729442	7635909	43	503	60	23	A60432-MagFig
NR227	L300E	729469	7635926	35	2038	95	<2	A60432-MagFig
NR228A	L300E	729496	7635943	83	1403	154	68	A60432-MagFig
NR228B	L300E	729496	7635943	23	139	9	<2	A60432-MagFig
NR228C	L300E	729496	7635943	66	142	18	53	A60432-MagFig
NR229	L300E	729522	7635960	101	2660	158	<2	A60432-MagFig
NR230A	L300E	729550	7635978	27	29	5	13	A60432-MagFig
NR230B	L300E	729550	7635978	156	240	11	156	A60432-MagFig
NR230C	L300E	729550	7635978	117	131	11	48	A60432-MagFig
NR231	L300E	729576	7635994	67	17	5	3	A60432-MagFig
NR232	L300E	729603	7636012	58	6	<2	8	A60432-MagFig
NR233A	L300E	729631	7636029	55	12	4	11	A60432-MagFig
NR233B	L300E	729631	7636029	250	67	2	8	A60432-MagFig
NR234A	L300E	729659	7636046	81	8	<2	10	A60432-MagFig
NR234B	L300E	729659	7636046	150	33	7	37	A60432-MagFig
NR234C	L300E	729659	7636046	159	24	3	50	A60432-MagFig
NR235	L300E	729684	7636060	130	13	20	6	A60432-MagFig
NR236A	L300E	729709	7636074	110	6	14	21	A60432-MagFig
NR236B	L300E	729709	7636074	195	11	26	11	A60432-MagFig
NR237A	L900E	729433	7636111	53	391	83	16	A60432-MagFig
NR237B	L900E	729433	7636111	16	22	18	<2	A60432-MagFig
NR237C	L900E	729433	7636111	60	573	97	73	A60432-MagFig
NR237D	L900E	729433	7636111	7	42	10	<2	A60432-MagFig
NR237E	L900E	729433	7636111	42	76	8	6	A60432-MagFig
NR238A	L900E	729459	7636129	90	2507	167	11	A60432-MagFig
NR238B	L900E	729459	7636129	91	2966	169	27	A60432-MagFig
NR239	L900E	729487	7636146	36	832	43	<2	A60432-MagFig
NR240	L900E	729514	7636163	46	234	6	5	A60432-MagFig
NR241A	L900E	729541	7636180	12	53	4	<2	A60432-MagFig
NR241B	L900E	729541	7636180	19	29	5	3	A60432-MagFig
NR242	L900E	729568	7636198	214	153	47	6	A60432-MagFig
NR243A	L900E	729595	7636215	830	981	141	409	A60432-MagFig
NR243B	L900E	729595	7636214	143	128	12	21	A60432-MagFig



SampleID	Line	E_m50g94	N_m50g94	Zn	Ni	Co	Cu	LocSource
NR244	L900E	729622	7636232	127	16	17	49	A60432-MagFig
NR245A	L900E	729649	7636250	1147	263	20	9	A60432-MagFig
NR245B	L900E	729648	7636250	537	255	28	9	A60432-MagFig
NR246A	L900E	729676	7636267	398	78	5	<2	A60432-MagFig
NR246B	L900E	729676	7636266	261	151	39	9	A60432-MagFig
NR247A	L1200E	729226	7636085	7	249	7	<2	A60432-MagFig
NR247B	L1200E	729227	7636084	33	1355	49	23	A60432-MagFig
NR248	L1200E	729254	7636102	72	1842	195	<2	A60432-MagFig
NR249	L1200E	729268	7636109	91	2774	178	60	A60432-MagFig
NR250A	L1200E	729281	7636119	18	1353	28	<2	A60432-MagFig
NR250B	L1200E	729281	7636119	57	4180	202	<2	A60432-MagFig
NR250C	L1200E	729281	7636119	67	3385	155	<2	A60432-MagFig
NR251A	L1200E	729296	7636128	67	36	55	<2	A60432-MagFig
NR251B	L1200E	729296	7636128	29	33	19	<2	A60432-MagFig
NR252A	L1200E	729308	7636136	419	37	33	<2	A60432-MagFig
NR252B	L1200E	729308	7636136	51	16	47	35	A60432-MagFig
NR252C	L1200E	729308	7636136	82	34	75	<2	A60432-MagFig
NR253	L1200E	729322	7636145	69	76	53	<2	A60432-MagFig
NR254A	L1200E	729335	7636154	20	66	26	22	A60432-MagFig
NR254B	L1200E	729335	7636153	29	77	31	20	A60432-MagFig
NR255A	L1200E	729362	7636171	38	79	26	10	A60432-MagFig
NR255B	L1200E	729362	7636171	96	2883	158	<2	A60432-MagFig
NR255C	L1200E	729362	7636171	38	93	22	<2	A60432-MagFig
NR255D	L1200E	729362	7636171	86	2679	158	<2	A60432-MagFig
NR256A	L1200E	729378	7636181	90	1405	157	<2	A60432-MagFig
NR256B	L1200E	729378	7636181	161	68	15	79	A60432-MagFig
NR257A	L1200E	729389	7636188	22	98	18	<2	A60432-MagFig
NR257B	L1200E	729389	7636188	57	3973	165	<2	A60432-MagFig
NR258A	L1200E	729416	7636205	69	4109	143	<2	A60432-MagFig
NR258B	L1200E	729416	7636205	384	814	53	<2	A60432-MagFig
NR259A	L1200E	729443	7636222	78	1287	92	<2	A60432-MagFig
NR259B	L1200E	729443	7636222	81	1531	162	<2	A60432-MagFig
NR260A	L1200E	729471	7636239	84	66	10	8	A60432-MagFig
NR260B	L1200E	729471	7636239	342	180	50	27	A60432-MagFig
NR261	L1200E	729497	7636257	229	84	71	20	A60432-MagFig
NR262A	L1200E	729524	7636274	126	35	69	32	A60432-MagFig
NR262B	L1200E	729524	7636274	175	33	44	66	A60432-MagFig
NR263A	L1200E	729551	7636291	108	32	24	97	A60432-MagFig
NR263B	L1200E	729551	7636290	137	44	40	50	A60432-MagFig
NR264	L1200E	729579	7636308	139	46	39	47	A60432-MagFig
NR264	L1200E	729579	7636308	189	90	52	32	A60432-MagFig
NR265A	L1200E	729605	7636326	189	75	42	30	A60432-MagFig
NR265B	L1200E	729606	7636325	183	63	4	19	A60432-MagFig
NR265C	L1200E	729605	7636326	206	129	16	124	A60432-MagFig
NR266	L1200E	729633	7636343	431	271	18	41	A60432-MagFig

### Appendix 3

#### Planet Metals Costean Samples 1971

SampleID	E_m50g94	N_m50g94	Costean	AReport	Co_XRF	Ni_XRF	Cu_XRF
KA110	729449	7636278	Costean2	60432	46	223	50
KA111	729446	7636276	Costean2	60432	49	203	40
KA112	729443	7636274	Costean2	60432	108	2158	29
KA113	729441	7636273	Costean2	60432	80	1424	6
KA114	729438	7636271	Costean2	60432	164	3276	<2
KA115	729435	7636270	Costean2	60432	112	2790	<2
KA116	729433	7636268	Costean2	60432	83	1632	15
KA117	729430	7636266	Costean2	60432	109	2135	12
KA118	729428	7636265	Costean2	60432	128	2818	2
KA119	729425	7636264	Costean2	60432	149	2640	<2
KA120	729467	7636177	Costean3	60432	442	6319	23
KA121	729469	7636178	Costean3	60432	99	2897	69
KA122	729471	7636180	Costean3	60432	128	1552	80
KA123	729474	7636181	Costean3	60432	69	2439	53
KA124	729476	7636183	Costean3	60432	62	1201	42
KA125	729480	7636185	Costean3	60432	70	1633	37
KA126	729482	7636187	Costean3	60432	106	1335	23
KA127	729485	7636189	Costean3	60432	56	1010	82
KA128	729487	7636190	Costean3	60432	75	1002	54
KA129	729489	7636192	Costean3	60432	31	469	108
KA130	729492	7636193	Costean3	60432	80	1244	237
KA131	729494	7636195	Costean3	60432	29	403	210
KA132	729513	7636085	Costean4	60432	90	2434	<2
KA133	729525	7636092	Costean4	60432	102	2494	5
KA144	729529	7636094	Costean4	60432	138	1936	19
KA145	729534	7636096	Costean4	60432	109	2024	94
KA146	729538	7636099	Costean4	60432	257	3970	34
KA147	729541	7636101	Costean4	60432	35	616	139
KA148	729545	7636103	Costean4	60432	23	515	27
KA149	729549	7636105	Costean4	60432	10	123	16
KA150	729553	7636108	Costean4	60432	9	156	30
KA151	729545	7635982	Costean5	60432	249	3759	7
KA152	729543	7635981	Costean5	60432	166	3482	7
KA153	729541	7635979	Costean5	60432	182	2620	30
KA154	729538	7635977	Costean5	60432	150	1789	21
KA155	729535	7635974	Costean5	60432	162	1827	13
KA156	729532	7635972	Costean5	60432	157	2687	11
KA157	729548	7635984	Costean5	60432	196	1397	64
KA158	729549	7635985	Costean5	60432	85	523	40
KA159	729552	7635987	Costean5	60432	17	172	54
KA160	729554	7635989	Costean5	60432	238	257	21
KA161	729556	7635991	Costean5	60432	262	346	83

SampleID	E_m50g94	N_m50g94	Costean	AReport	Co_XRF	Ni_XRF	Cu_XRF
KA162	729558	7635992	Costean5	60432	195	833	72
KA163	729560	7635994	Costean5	60432	143	150	47
KA164	729562	7635996	Costean5	60432	4	91	10
KA165	729508	7635845	Costean6	60432	95	1811	<2
KA166	729510	7635847	Costean6	60432	193	1674	<2
KA167	729513	7635848	Costean6	60432	151	3564	<2
KA168	729516	7635849	Costean6	60432	290	4362	<2
KA169	729519	7635850	Costean6	60432	227	2681	<2
KA170	729522	7635852	Costean6	60432	236	3055	18
KA171	729525	7635853	Costean6	60432	147	1801	43
KA172	729527	7635854	Costean6	60432	167	2358	25
KA173	729530	7635855	Costean6	60432	384	3719	29
KA174	729532	7635856	Costean6	60432	98	1447	29
KA175	729534	7635858	Costean6	60432	23	374	38
KA176	729536	7635859	Costean6	60432	38	793	129
KA177	729539	7635860	Costean6	60432	11	173	13
KA178	729541	7635861	Costean6	60432	15	184	18
KA179	729543	7635862	Costean6	60432	5	139	12
KA180	729545	7635863	Costean6	60432	11	128	8
KA181	729369	7636349	Costean1	60432	107	2451	6
KA182	729373	7636350	Costean1	60432	194	3248	38
KA183	729376	7636350	Costean1	60432	149	2737	<2
KA184	729381	7636351	Costean1	60432	242	3132	<2
KA185	729385	7636352	Costean1	60432	308	3201	56
KA186	729390	7636352	Costean1	60432	188	2144	17
KA187	729394	7636353	Costean1	60432	206	2115	13
KA188	729398	7636354	Costean1	60432	201	1953	32
KA189	729403	7636355	Costean1	60432	71	381	24
KA190	729407	7636355	Costean1	60432	38	234	13
KA191	729411	7636356	Costean1	60432	52	171	55