

ADDRESS Level 2, 22 Mount Street Perth WA 6000 PHONE +61 (08) 6188 8181 **ABN** 80 647 829 749

WEBSITE www.lycaonresources.com

5 June 2023

# Gravity Anomaly Defined Ahead of Drilling at Bow River Nickel Copper Project

# Highlights:

- High priority gravity anomaly defined ahead of drilling at the Bow River Nickel Copper Project in Western Australia, Figure 1
- The high-resolution ground gravity survey has outlined a large intrusive unit with density contrast in line with expectations for ultramafic or mafic peridotite host rock, analogous to Panoramic's 13Mt @ 1.56% Ni Savannah Mine<sup>1</sup> 60km south of Bow River
- Diamond drilling commencing late June to test deeper portion of the Bow River intrusive, including a possible extension to the mineralisation encountered in historical drilling, Figure 3;
  - 10m @ 1.1% Cu, 0.5% Ni (DDH107)
  - 11.5m @ 1.2% Cu, 0.5% Ni (DDH103)
  - 3m @ 0.97% Cu, 1.3% Ni (DDH102)

Lycaon Resources Ltd (ASX:LYN) (Lycaon or the Company) is pleased to announce that it has completed the review of the recent ground gravity survey at the Bow River nickel copper prospect (Bow River) in the East Kimberley region of Western Australia. The ground gravity survey has outlined a large high-density anomaly approximately 1.2km west and down dip of nickel and copper mineralisation that has been intersected in historical drilling, Figure 1, 2. In addition, heritage and flora surveys have been completed to allow for drilling to commence in late June.

Mr Thomas Langley, Technical Director commented, "Bow River is an extremely compelling nickelcopper magmatic sulphide prospect which ranks as a standout target in the Kimberley outside of Panoramic's Savannah mine. Despite nickel copper gossans being first discovered in 1965, no drilling has occurred below 200m vertical depth. In light of the discovery of Savannah North ore deposit in 2014, Bow River remains one of the highest ranked nickel copper prospects in the Kimberley yet to be drilled adequately. The ground gravity survey recently completed has supported our rationale to test the deeper portion of the Bow River intrusion which will investigate the extent of the mineral system underlying the historical nickel and copper mineralisation recorded to date."

"The traditional owners of Bow River and the Malarngowem Aboriginal Corporation were instrumental in completing the heritage surveys and I thank them for their help and cooperation."

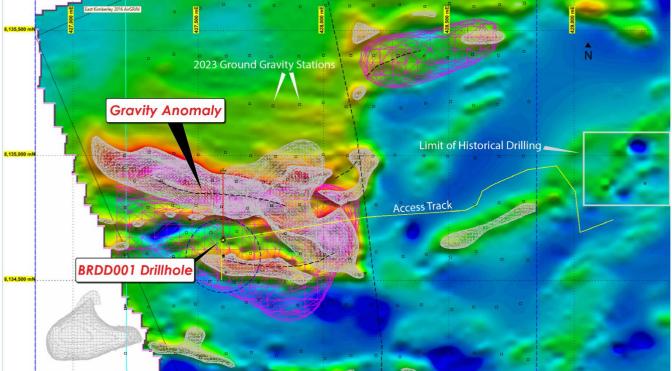


Figure 1. Drillhole BRDD001 (Azimuth 0 degrees) planned to intersect the gravity anomaly, between upper contact at 350m and 750m basal contact.

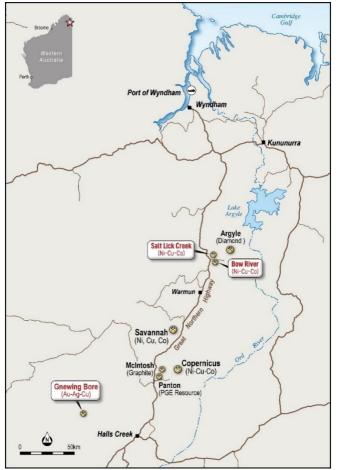


Figure 2. Location of Bow River and Salt Lick nickel copper sulphide projects and Gnewing Bore gold-silver project.

Atlas Geophysics Pty Ltd (Atlas) completed the high-resolution ground gravity survey at 100m spacing over the 6km long gravity target at Bow River. The crew used a Scintrex CG6 gravity meter to further define the airborne gravity anomaly and allow for more precise modelling of the target response ahead of drilling.

#### **Bow River Prospect** (Ni/Cu/Co±PGE)

The Bow River Project is located within the Halls Creek Orogen in the East Kimberley region of Western Australia, Figure 2.

The Project area covers two known nickel-copper-cobalt sulphide prospects mapped as the Salt Lick Creek intrusion and the Bow River intrusion. Both intrusives are sulphide-bearing and similar in style and setting to Panoramic Resources' Savannah mine, located approximately 60 kilometres further south. The relatively recent discovery (2014) of the Savannah North resource at depth adjoining the existing mine effectively quadrupled the Ni-Cu-Co resource, highlighting the prospectivity of E80/4955 given its analogous geological setting. Previous drilling is limited to a very small area of the Bow River mafic intrusive, Figure 1, 3.

Outcropping gossans and anomalous soil geochemistry has been mapped at surface over an area of 900m x 300m. The surface expression of the intrusion has received most of the focus of historical exploration however, the broader intrusive undercover and at depth has received little attention. In addition, exploration using more powerful modern day geophysical techniques such as ground gravity surveys to detect density anomalies deeper below surface has only been completed for the first time by Lycaon.

The proposed drill program at Bow River will be critical in demonstrating the potential for a major Ni-Cu-Co resource in the Kimberley analogous to Panoramic's Savannah nickel mine 60km south. Drilling is planned to target beneath the current extent of historical drilling, targeting the deeper more primitive part of the intrusion. The historical gravity Falcon data and recent ground gravity data has now been modelled by Southern Geoscience Consultants (SGC) as a 3D inversion to better quantify the magnitude of the gravity anomaly, location at depth and size. This work has allowed for a higher geological confidence in assisting drill planning ahead of drilling in June 2023.

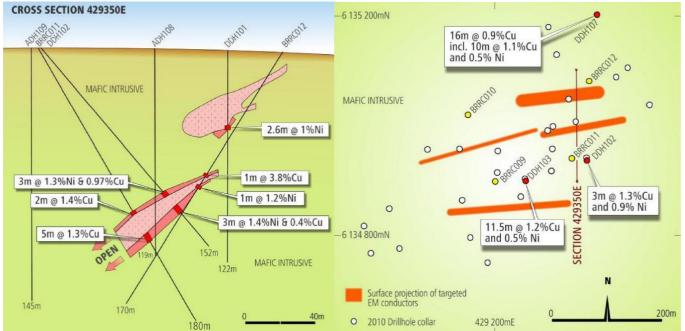


Figure 3. Location of historical drilling at Bow River nickel copper sulphide project.

#### - ENDS -

This announcement has been authorised for release by the Directors of the Company.

### Thomas Langley - Technical Director

For additional information please visit our website at <u>www.lycaonresources.com</u>

The information referred to in this announcement relates to the following sources: <sup>1</sup> <u>Mineral Resource and Ore Reserve - Panoramic Resources</u>

#### Competent Person's Statement

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Thomas Langley who is a member of the Australian Institute of Geoscientists (MAIG) and a member of the Australasian Institute of Mining and Metallurgy (MAusIMM). Mr. Thomas Langley is a full-time employee of Lycaon Resources Limited, and is a shareholder, however Mr. Thomas Langley believes this shareholding does not create a conflict of interest, and Mr. Langley has sufficient experience which is relevant to the style of mineralisation and type of deposit 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". Mr. Langley consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the forma and context in which the Competent Person's findings are presented have not been materially modified from the original reports.

| Hole ID | Hole              | Easting | Northing | Dip / Azi | From | Length | Intersection       |
|---------|-------------------|---------|----------|-----------|------|--------|--------------------|
| BRRC001 | <b>Type</b><br>RC | 429200  | 8135700  | -60 / 180 |      |        |                    |
| BRRC002 | RC                | 429200  | 8134850  | -60 / 000 | 84   | 12     | 0.45% Cu+0.12% Ni  |
|         |                   |         |          |           | 84   | 4      | 0.77% Cu, 0.12% Ni |
| BRRC003 | RC                | 429200  | 8134800  | -60 / 000 | 116  | 8      | 0.26% C∪+0.37% Ni  |
| BRRC004 | RC                | 429100  | 8134750  | -60 / 180 | 73   | 2      | 1.43% C∪           |
| BRRC005 | RC                | 429100  | 8134800  | -60 / 180 |      |        |                    |
| BRRC006 | RC                | 428000  | 8134050  | -60 / 180 |      |        |                    |
| BRRC007 | RC                | 429200  | 8134750  | -60 / 000 | 157  | 1      | 1.21% Ni+ 0.11% Co |
| BRRC008 | RC                | 429000  | 8134800  | -60 / 180 |      |        |                    |
| BRRC009 | RC                | 429200  | 8134900  | -60 / 180 |      |        |                    |
| BRRC010 | RC                | 429150  | 8135020  | -60 / 180 |      |        |                    |
| BRRC011 | RC                | 429340  | 8134940  | -60 / 000 | 108  | 2      | 1.4% C∪            |
|         |                   |         |          |           | 123  | 5      | 1.3% Cu            |
| BRRC012 | RC                | 429370  | 8135080  | -60 / 180 | 81   | 1      | 3.8% Cu            |
|         |                   |         |          |           | 88   | 1      | 1.2% Ni            |
| DDH101  | DD                | 429350  | 8134500  | -90 / 000 |      | 2.6    | 1% Ni              |
| DDH102  | DD                | 429360  | 8134940  | -45 / 000 |      | 3      | 1.3% Ni + 0.97%C∪  |
|         |                   |         |          |           |      | 3      | 1.4% Ni + 0.4%C∪   |
| DDH107  | DD                | 429375  | 8135200  | -90 / 000 |      | 10     | 1.1% Cu + 0.5%Ni   |

#### Appendix 1. Historical Drilling Results from the Bow River Project

## Appendix 2. JORC Code, 2012 Edition – Table 1 report template

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

| Criteria                 | JORC Code explanation   | Commentary  |
|--------------------------|---|---|
| Sampling<br>techniques   | Nature and quality of sampling (eg cut<br>channels, random chips, or specific<br>specialised industry standard<br>measurement tools appropriate to the<br>minerals under investigation, such as<br>down hole gamma sondes, or<br>handheld XRF instruments, etc). These<br>examples should not be taken as<br>limiting the broad meaning of<br>sampling.   | Re-reporting of historical drilling data. Cored and<br>percussion drilling completed. Methodology detailed<br>in WAMEX reports;<br>A9748 Australian Anglo American Prospecting Pty<br>Ltd;<br>A65634 Southdale Holdings Pty Ltd;<br>A87523 Jindalee Resources Pty Ltd;<br>A97478 Thundelarra Exploration Ltd;<br>A128314 East Kimberley resources Pty Ltd.  |
|                          | <ul> <li>Include reference to measures taken to<br/>ensure sample representivity and the<br/>appropriate calibration of any<br/>measurement tools or systems used.</li> </ul>   | Atlas Ground Gravity Survey<br>100m spacing<br>Scintrex CG6 gravity meter   |
|                          | <ul> <li>Aspects of the determination of<br/>mineralisation that are Material to the<br/>Public Report.</li> <li>In cases where 'industry standard' work<br/>has been done this would be relatively<br/>since to a function drilling.</li> </ul>  | Gravity Falcon™ Survey<br>Fugro Airborne Surveys Pty Ltd 2 FALCON™ Airborne<br>Gravity Gradiometer, Magnetic Survey – Kimberley,  |
|                          | simple (eg 'reverse circulation drilling<br>was used to obtain 1 m samples from<br>which 3 kg was pulverised to produce<br>a 30 g charge for fire assay'). In other<br>cases more explanation may be<br>required, such as where there is coarse<br>gold that has inherent sampling<br>problems. Unusual commodities or<br>mineralisation types (eg submarine<br>nodules) may warrant disclosure of<br>detailed information. | Western Australia, Job 2078 - Multiclient Survey Data<br>The survey was based out of Halls Creek, Western<br>Australia. The survey aircraft was operated from the<br>Halls Creek Airport. The GPS base system was<br>comprised of a GPS receiver, a logging computer,<br>an antenna and a power supply. Data was logged<br>and displayed in real time on the logging computer<br>screen. The logged base data was processed with<br>the airborne GPS data to calculate the differentially<br>post-processed position of the aircraft. |
|                          |   | Total kilometres (km): 11,679 (AGG); 11,801 (Mag)<br>Terrain Clearance: (m) 80<br>Clearance Method: Drape<br>Traverse Line Direction (deg.): 115 / 295<br>Traverse Line Spacing (m): 500<br>Tie Line Direction (deg.): 025 / 205<br>Tie Line Spacing (m): 5000  |
| Drilling<br>techniques   | <ul> <li>Drill type (eg core, reverse circulation,<br/>open-hole hammer, rotary air blast,<br/>auger, Bangka, sonic, etc) and details<br/>(eg core diameter, triple or standard<br/>tube, depth of diamond tails, face-<br/>sampling bit or other type, whether<br/>core is oriented and if so, by what<br/>method, etc).</li> </ul>  | Cored and reverse circulation drilling.   |
| Drill sample<br>recovery | <ul> <li>Method of recording and assessing<br/>core and chip sample recoveries and<br/>results assessed.</li> <li>Measures taken to maximise sample<br/>recovery and ensure representative<br/>nature of the samples.</li> </ul>  | Re-reporting of historical drilling data.<br>No comments on recovery in reports.  |

| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
|   | Whether a relationship exists between<br>sample recovery and grade and<br>whether sample bias may have<br>occurred due to preferential loss/gain<br>of fine/coarse material.   |  |
| Logging   | <ul> <li>Whether core and chip samples have<br/>been geologically and geotechnically<br/>logged to a level of detail to support<br/>appropriate Mineral Resource<br/>estimation, mining studies and<br/>metallurgical studies.</li> <li>Whether logging is qualitative or<br/>quantitative in nature. Core (or<br/>costean, channel, etc) photography.</li> <li>The total length and percentage of the<br/>relevant intersections logged.</li> </ul>   | Re-reporting of historical drilling data.<br>Geological logging of RC drilling has been<br>completed to an acceptable standard.  |
| Sub-<br>sampling<br>techniques<br>and sample<br>preparation | <ul> <li>If core, whether cut or sawn and<br/>whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube<br/>sampled, rotary split, etc and whether<br/>sampled wet or dry.</li> <li>For all sample types, the nature, quality<br/>and appropriateness of the sample<br/>preparation technique.</li> <li>Quality control procedures adopted for<br/>all sub-sampling stages to maximise<br/>representivity of samples.</li> <li>Measures taken to ensure that the<br/>sampling is representative of the in situ<br/>material collected, including for<br/>instance results for field<br/>duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate<br/>to the grain size of the material being<br/>sampled.</li> </ul> | Re-reporting of historical drilling data.<br>No details of sub sampling techniques or sample<br>preparation for cored drilling.<br>For BRRC001 – 008 both four metre composite<br>samples and one metre riffle split samples were<br>collected.<br>For BRRC009 – 012 single metre rotary split samples<br>were collected but only selected samples were<br>submitted for analysis.   |
| Quality of<br>assay data<br>and<br>laboratory<br>tests      | <ul> <li>The nature, quality and<br/>appropriateness of the assaying and<br/>laboratory procedures used and<br/>whether the technique is considered<br/>partial or total.</li> <li>For geophysical tools, spectrometers,<br/>handheld XRF instruments, etc, the<br/>parameters used in determining the<br/>analysis including instrument make and<br/>model, reading times, calibrations<br/>factors applied and their derivation,<br/>etc.</li> <li>Nature of quality control procedures<br/>adopted (eg standards, blanks,<br/>duplicates, external laboratory checks)<br/>and whether acceptable levels of<br/>accuracy (ie lack of bias) and precision<br/>have been established.</li> </ul>   | Re-reporting of historical drilling data.<br>No details of analytical techniques or QA/QC<br>procedures for cored drilling.<br>For BRRC001 – 008 both four metre composite<br>samples were sent to Amdel, Perth for base metal<br>analysis by IC2E.and one metre riffle split samples<br>were sent to ALS Perth and analysed for Ni, Cu, Co<br>by AA62 and Au, Pt, Pd by PGM-MS24.<br>For BRRC009 – 012 single metre rotary split samples<br>were collected but only selected samples were<br>submitted for analysis.<br>Gravity Falcon <sup>™</sup> Survey<br>The following parameters were recorded during the<br>course of the survey:<br>• FALCONTM AGG data: recorded at different<br>intervals;<br>• Airborne total magnetic field: recorded with a 0.1s |

| Criteria                                       | JORC Code explanation  | Commentary  |
|--|--|---|
|  |  | sampling rate;  |
|  |  | Aircraft altitude: measured by the barometric altimeter at intervals of 0.1s;   |
|  |  | • Terrain clearance: provided by the radar altimeter at intervals of 0.1;   |
|  |  | • Airborne GPS positional data (latitude, longitude,<br>height, time and raw range from each satellite being<br>tracked): recorded at intervals of 1s;  |
|  |  | Time markers: in digital data;  |
|  |  | • Ground total magnetic field: recorded with a 1s sampling rate;  |
|  |  | • Ground based GPS positional data (latitude,<br>longitude, height, time and raw range from each<br>satellite being tracked): recorded at intervals of 1s;  |
|  |  | • Aircraft distance to ground in different angular position: measured by the laser scanner system at intervals of 0.05s;  |
|  | The verification of significant  | Re-reporting of historical drilling data  |
| Verification<br>of sampling<br>and<br>assaying | <ul> <li>The vehiclation of significant<br/>intersections by either independent or<br/>alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data<br/>entry procedures, data verification,<br/>data storage (physical and electronic)<br/>protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul> | Gravity Falcon <sup>™</sup> Survey<br>During the survey, problems were encountered with<br>the AGG instrument as a result of a partial system<br>malfunction. As a result, several lines were rejected<br>as being in excess of noise specifications and<br>operational procedures were changed to ensure<br>data collected were of the required standard. For<br>some lines, only B complement data were used in<br>processing as A complement data were deemed to<br>be in error. Studies of one line flown twice (once with<br>both complements working nominally, once with B<br>complement only) were used to provide confidence<br>in this procedure. Analysis of this repeat line has<br>been provided separately.<br>The mean turbulence was low to moderate across<br>the survey area. Although the system was unusually<br>sensitive to turbulence, the levels evident in final<br>accepted data have been shown to have minimal<br>effect on the measured gravity components. This<br>was further evidenced when the profiles were<br>examined line by line. |
| Location of<br>data points                     | <ul> <li>Accuracy and quality of surveys used<br/>to locate drill holes (collar and down-<br/>hole surveys), trenches, mine workings<br/>and other locations used in Mineral<br/>Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic<br/>control.</li> </ul>   | Re-reporting of historical drilling data     GDA94 MGA Z52.   |
| Data   | Data spacing for reporting of  | Re-reporting of historical drilling data  |
| spacing  | Exploration Results.   |   |
| and<br>distribution                            | Whether the data spacing and<br>distribution is sufficient to establish the<br>degree of geological and grade  | Gravity Falcon™ Survey<br>Traverse Line Direction (deg.): 115 / 295<br>Traverse Line Spacing (m): 500   |

| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
|   | <ul> <li>continuity appropriate for the Mineral<br/>Resource and Ore Reserve estimation<br/>procedure(s) and classifications<br/>applied.</li> <li>Whether sample compositing has been<br/>applied.</li> </ul>   | Tie Line Direction (deg.): 025 / 205<br>Tie Line Spacing (m): 5000   |
| Orientation<br>of data in<br>relation to<br>geological<br>structure | <ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | Re-reporting of historical drilling data<br>Gravity Falcon <sup>™</sup> Survey<br>Traverse Line Direction (deg.): 115 / 295<br>Traverse Line Spacing (m): 500<br>Tie Line Direction (deg.): 025 / 205<br>Tie Line Spacing (m): 5000<br>The gravity lines were orientated 025 / 205 in order to<br>cross known regional structural trends that range<br>from north easterly to north-north easterly.<br>Interpretation of the gravity data appears to confirm<br>known regional structural directions.  |
| Sample<br>security  | The measures taken to ensure sample security.  | Re-reporting of historical drilling data<br>Gravity Falcon <sup>™</sup> Survey<br>Fugro Airborne Surveys Pty Ltd, who collected the<br>gravity data, are very experienced and reputable<br>contractors who specialise in gravity surveys.<br>Fugro are used by many large companies and have<br>a sound reputation of delivering high quality,<br>accurate and properly corrected gravity data.<br>Southern Geoscience Consultants re-processed the<br>Fugro Gravity Falcon <sup>™</sup> Survey data are considered<br>expert geophysical consultants based in West Perth,<br>Western Australia. |
| Audits or<br>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 listed in the preceding section also apply to this section.)

| Criteria                        | JORC Code explanation  | Commentary   |
|---------------------------------|--|--|
| Mineral<br>tenement<br>and land | royalties, native title interests, historical sites, wilderness or national park and               | The Bow River and Salt Lick Projects are located on one (1) granted Exploration Licence E80/4955 covering approximately 25.6km <sup>2</sup>                          |
| tenure status                   |  | Lycaon has entered into a binding sale agreement<br>with East Kimberley Resources Pty to acquire a<br>100% interest in the tenements.                                |
|                                 | environmental settings.<br>The security of the tenure held at the time                             | The tenements will be owned 100% by Lycaon<br>Resources Limited  |
|                                 | of reporting along with any known<br>impediments to obtaining a licence to<br>operate in the area. | A Royalty Deed exists for 1% payable to East<br>Kimberley Resources Pty and Uramin Pty Ltd in<br>respect of all saleable minerals, concentrates,<br>metals produced. |
|                                 |  | The Project is overlain by the Malarngowem<br>(WC1999/044 and WAD43/2019) Native Title Claim   |
|                                 |  | East Kimberley Resources Pty executed a Heritage<br>Agreement with Kimberley Land Council  |

| Criteria                                | JORC Code explanation   | Commentary   |
|---|---|--|
|   |   | Aboriginal Corporation in July 2016.   |
|   |   | The Heritage Agreement allows Lycaon access to<br>the project area provided relevant protocols are<br>observed to preserve Aboriginal heritage.  |
|   |   | The tenements are in good standing and no known impediments exist.   |
| Exploration<br>done by<br>other parties | Acknowledgment and appraisal of exploration by other parties.   | The area comprising the Bow River and Salt Lick<br>Project have been explored for a variety of<br>commodities over a protracted period. Previous<br>exploration activities within the project area<br>commenced in the 1960's with Pickand Mather<br>exploring base metals. Airborne magnetic and<br>electromagnetic surveys were completed in 2002,<br>to assess the effectiveness of previous drilling and to<br>define new drill targets. The airborne EM survey<br>outlined a strongly conductive zone coincident<br>with the soil geochemical anomaly. Follow up of<br>the airborne survey anomalies with a ground-based<br>EM system led to the recognition of six discrete<br>conductors, several of which had not been tested<br>by previous drilling. |
|   |   | Drilling of electromagnetic conductor targets<br>intersected broad zones of low-grade nickel<br>mineralisation in disseminated to massive sulphides<br>up to 20m thick.  |
|   |   | The combined results of historical work completed<br>to date provides Lycaon with a compelling<br>prospect to discover primary nickel copper<br>sulphides at depth within the two layered mafic<br>intrusions within E80/4955. Lycaon intends to follow<br>on from this prior work that identified high grade<br>nickel, copper, cobalt (±PGE's) mineralisation with<br>high powered electromagnetic surveys prior to<br>drilling.   |
| Geology                                 | Deposit type, geological setting and style<br>of mineralisation.  | The Bow River and Salt Lick Project area is<br>underlain by early Proterozoic metamorphic and<br>igneous rocks of the Halls Creek Mobile Zone<br>(HCMZ). This composite orogenic belt comprises<br>three tectonostratigraphic terranes (Western,<br>Central and Eastern Zones) bounded by northeast<br>trending strike-slip faults (Griffin and Grey, 1990).<br>The Central Zone is dominated by the Tickalara<br>Metamorphics, a regionally metamorphosed<br>assemblage of mafic volcanics and sediments.<br>These are intruded by several generations of felsic<br>and layered mafic to ultramafic intrusions, which<br>are also deformed and metamorphosed to<br>varying degrees.   |
|   |   | The Central Zone hosts the majority of the Ni-Cu-<br>Co deposits known in the east Kimberley, including<br>Bow River.  |
| Drill hole<br>Information               | A summary of all information material to<br>the understanding of the exploration<br>results including a tabulation of the<br>following information for all Material drill<br>holes: | Re-reporting of historical drilling data   |

| Criteria                                    | JORC Code explanation   | Commentary  |
|---|---|---|
|   | easting and northing of the drill hole collar   |   |
|   | elevation or RL (Reduced Level –<br>elevation above sea level in metres) of<br>the drill hole collar  |   |
|   | dip and azimuth of the hole<br>down hole length and interception depth<br>hole length.  |   |
|   | If the exclusion of this information is<br>justified on the basis that the information is<br>not Material and this exclusion does not<br>detract from the understanding of the<br>report, the Competent Person should<br>clearly explain why this is the case.                      |   |
| Data<br>aggregation<br>methods              | In reporting Exploration Results, weighting<br>averaging techniques, maximum and/or<br>minimum grade truncations (eg cutting of<br>high grades) and cut-off grades are<br>usually Material and should be stated.  | Re-reporting of historical drilling data  |
|   | Where aggregate intercepts incorporate<br>short lengths of high grade results and<br>longer lengths of low grade results, the<br>procedure used for such aggregation<br>should be stated and some typical<br>examples of such aggregations should be<br>shown in detail.            |   |
|   | The assumptions used for any reporting of metal equivalent values should be clearly stated.   |   |
| Relationship<br>between<br>mineralisatio    | These relationships are particularly<br>important in the reporting of Exploration<br>Results.   | Re-reporting of historical drilling data  |
| n widths and<br>intercept<br>lengths        | If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.   |   |
|   | If it is not known and only the down hole<br>lengths are reported, there should be a<br>clear statement to this effect (eg 'down<br>hole length, true width not known').  |   |
| Diagrams                                    | Appropriate maps and sections (with<br>scales) and tabulations of intercepts<br>should be included for any significant<br>discovery being reported These should<br>include, but not be limited to a plan view<br>of drill hole collar locations and<br>appropriate sectional views. | Appropriate maps and sections are provided in the text  |
| Balanced<br>reporting                       | Where comprehensive reporting of all<br>Exploration Results is not practicable,<br>representative reporting of both low and<br>high grades and/or widths should be<br>practiced to avoid misleading reporting<br>of Exploration Results.  | The accompanying document is a balanced report with a suitable cautionary note.   |
| Other<br>substantive<br>exploration<br>data | Other exploration data, if meaningful and<br>material, should be reported including<br>(but not limited to): geological<br>observations; geophysical survey results;  | Historical exploration activity over the Bow River<br>and Salt Lick project areas have included airborne<br>electromagnetic and magnetics surveys, surface<br>geochemical sampling, RC and Diamond drilling |

| Criteria     | JORC Code explanation  | Commentary  |
|--------------|--|---|
|              | geochemical survey results; bulk samples<br>– size and method of treatment;<br>metallurgical test results; bulk density,<br>groundwater, geotechnical and rock<br>characteristics; potential deleterious or<br>contaminating substances. | also completed within the project area. Data is<br>being systematically compiled and reviewed to<br>aid in current exploration programmes.        |
| Further work | The nature and scale of planned further<br>work (eg tests for lateral extensions or<br>depth extensions or large-scale step-out<br>drilling).  | Additional geophysical surveys and geological mapping may be carried out in the future in order to assist in the delineation of drilling targets. |
|              | Diagrams clearly highlighting the areas of<br>possible extensions, including the main<br>geological interpretations and future<br>drilling areas, provided this information is<br>not commercially sensitive.                            |   |