

# ASX MARKET ANNOUNCEMENT



Tuesday 17 September 2024

ASX : ALR

## High-Grade Copper and Gold Assays

Up to 32% copper, 5.51g/t Au and 44m @ 1.2% copper in channel sample encountered at Wee MacGregor

- Surface sampling program returns **exceptional grades** of near surface copper and gold at Wee MacGregor **demonstrating extension to mineralisation potential and lays the foundation for follow up work programs.**
- **Exceptionally wide continuous channel sample of 44m at 1.2% Copper supported by spot surface sample grades up to 32% copper and 5.51g/t gold**
- A total of 14 rock chip spot samples and 21 channel samples were taken and assayed, with **18 samples returning over 1% copper (up to 32% Cu) and 9 samples returning over 1g/t gold (up to 5.51g/t Au)**
- Numerous samples returned excellent grades, outlining the outstanding surface mineralisation which aims to form the basis for a systematic follow up program and targeted drill campaign:
  - WM19-04: **21.1% Cu** and **5.51g/t Au** (Rock Chip Sample)
  - WM19-02: **32.0% Cu** and **1.54g/t Au** (Rock Chip Sample)
  - WM24-22: **23.8% Cu** and **4.00g/t Au** (Rock Chip Sample)
  - WM24-26: **17.0% Cu** and **2.29g/t Au** (Rock Chip Sample)
  - WM24-21: **15.8% Cu** and **2.03g/t Au** (Rock Chip Sample)
  - WM24-01: **4.4% Cu** and **1.05g/t Au** (Rock Chip Sample)
  - WMCH01: **43.7m @ 1.2% Cu** (Channel Sample, weighted average)
  - WMCH02: **15.7m @ 1.9% Cu** and 0.88g/t Au (Channel Sample, weighted average)
- **Significant levels of gold encountered** demonstrates previously unknown along strike potential for gold mineralisation alongside current copper mineralisation footprint.
- Altair Minerals is also finalising reprocessing of geophysical data at Horse-Well, **located 2km West of Oak Dam Deposit (1.34Bt @ 0.66% Cu & 0.33g/t Au)<sup>1</sup>**
- **Reprocessing for Horse-Well geophysics is led by Jim Hanneson, Ken Cross and Chris Anderson.** Previously modelled data was poorly interpreted, and Altair believes the new data will be able to define better targets for precision follow up geophysical programs and drilling.
- Canadian Lithium rock chip assays have been received and Altair continues to evaluate numerous complimentary opportunities in the resources sector globally

Altair Minerals Limited (ASX: ALR) ('Altair or 'the Company') is pleased to report exceptional grades encountered on rock chip grab and channel sampling programs within its Wee MacGregor Mining Licenses in Queensland. Most impressively, elevated levels of gold have been encountered which unlocks new potential for higher-graded gold mineralisation across Wee MacGregor than previously understood. Altair is also pleased to provide an update on Canadian Lithium rock chip assays and work programs for its Horse Well prospect in South Australia – located 2km West of BHP's Oak Dam deposit.



## **Wee MacGregor Geochemistry – 80% Owned, Queensland**

Altair has conducted a new surface sampling program to outline the prospectivity and define potential new drill targets across Wee MacGregor granted Mining Licenses.

Historic production at the former Wee MacGregor mine resulted in 2,731 tonnes of copper at 6.2% Cu and 1,535 ounces of gold at 1g/t Au from 44.4kt of ore<sup>2</sup>. A small and shallow step-out RC program was also conducted by Altair in 2018 which confirms the outcropping surface mineralisation also extends below, and continues along strike<sup>3</sup>:

- Drillhole WM004: **10m @ 2.84% Cu** and 0.54g/t Au from surface (~100m Step-out)

During the 2024 sampling program at Wee MacGregor, a total of 12 rock chip samples were taken along with 2 previous samples from 2019 which had been previously unreported. Along with this a total of 18 channel samples were taken, forming two separate continuous channel traverses of 43.7m and 15.7m respectively, together with three separated individual channel samples. Due to the orientation of the exposures, the angle of the channel samples is variable and cannot be considered perpendicular to strike and representing true width.

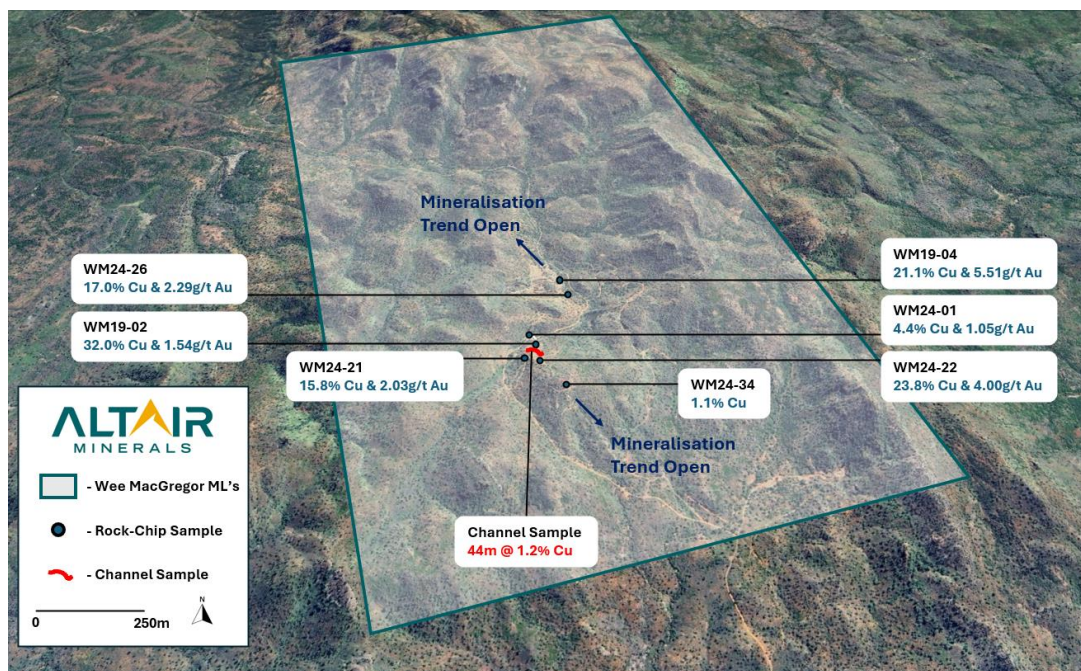
Both longer channels formed returned excellent grades, showing wide continuous surface exposures of copper mineralisation, which bodes favourably to potentially identifying a thick mineral body below, the two channels returned:

- WMCH01: **43.7m @ 1.2% Cu** (weighted average channel samples WM24-02 to WM24-14)
- WMCH02: **15.7m @ 1.9% Cu** and 0.88g/t Au (weighted average channel samples WM24-15 to WM24-20)

Alongside this, the grab surface sampling geochemical results show exceptional mineralisation occurring across Wee MacGregor and identified numerous areas for potential further exploration. These results are highlighted by:

- WM19-04: **21.1% Cu** and **5.51g/t Au** (Rock chip sample)
- WM19-02: **32.0% Cu** and **1.54g/t Au** (Rock chip sample)
- WM24-22: **23.8% Cu** and **4.00g/t Au** (Rock chip sample)
- WM24-26: **17.0% Cu** and **2.29g/t Au** (Rock chip sample)
- WM24-21: **15.8% Cu** and **2.03g/t Au** (Rock chip sample)
- WM24-01: **4.4% Cu** and **1.05g/t Au** (Rock chip sample)

During the visit detailed geological mapping was also conducted to better understand the mineralisation controls at Wee MacGregor. All samples were sent to ALS Geochemistry, Mt. Isa for multi-element analysis.



**Figure 1:** Highlights of Altair surface sampling program at Wee MacGregor on satellite view.





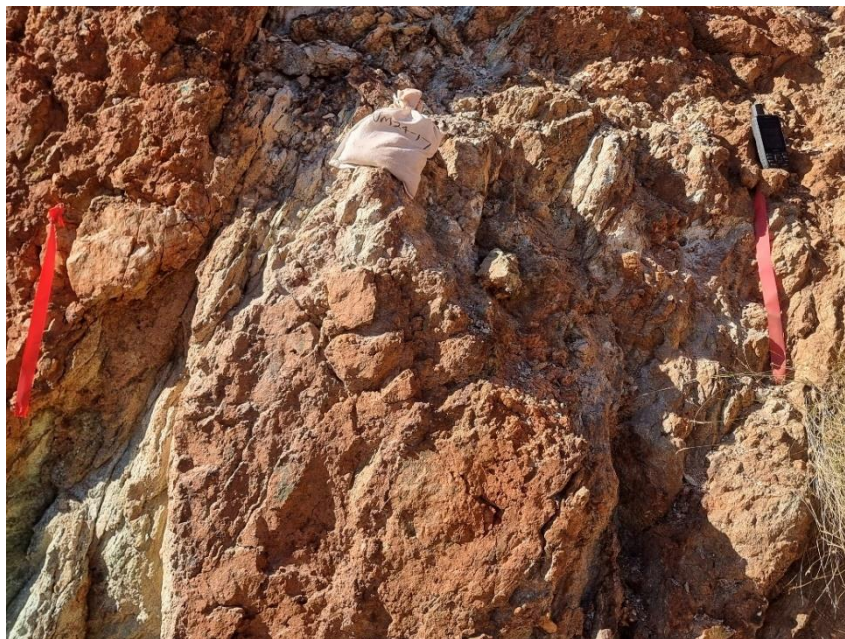
The results have shown thick exposures of copper as seen by the 43.7m @ 1.2% Cu channel sample, with multiple other adjacent areas of high-grade of copper and surprisingly elevated levels of gold, which unlocks new potential for Wee MacGregor to host gold mineralisation which is more enriched than previously understood. The new surface samples were possible due to exposures related to tracks cut for the 2018 Altair drilling program

Sample WM24-34 (as seen in Figure 1) is the southerly most sample taken which returned 1.1% Cu, confirms the mineralisation trend continues to extend along strike and remains open. This is the first modern geochemical samples this far south and confirms extension of mineralisation.

The surface sampling program outlines the potential at Wee MacGregor and former mine to continue its trend of high-grade copper mineralisation, the exceptional results form the basis for follow-up systematic geochemical sampling, geophysics and drill program. The surface sampling assays are incredibly encouraging and play a critical role for Altair in targeting further zones of mineralisation and follow up work which aims to uncover the full potential of Wee MacGregor.



**Figure 2:** Rock Chip sample WM24-22 which returned 23.8% copper and 4.00g/t gold.



**Figure 3:** WM24-17 Channel Sample, forming part of overall 15.7m @ 1.9% copper & 0.88g/t gold Channel.





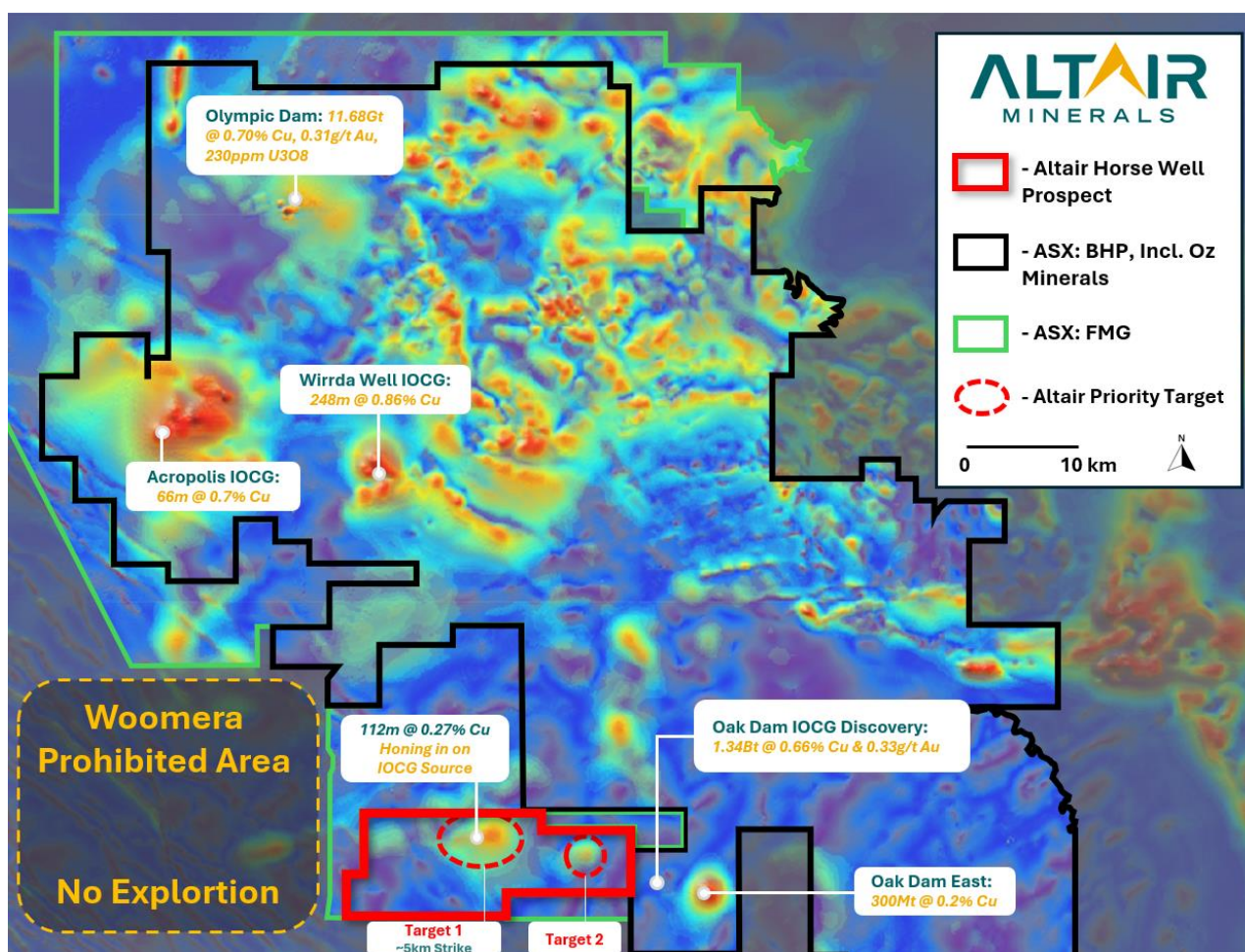
### **Olympic Domain, Horse-Well Geophysics – 100% Owned, South Australia**

The Horse-Well Project represents a strategic opportunity for Altair, being the only project held by a junior exploration company in the vicinity of BHP's Oak Dam West discovery with a recently defined inferred resource of 1.34Bt @ 0.66% Cu and 0.33g/t Au, including 220Mt @ 1.96% Cu and 0.68g/t Au<sup>1</sup>. The Horse-Well Project consists of EL's 6122 and 6183 spanning a large area of 147km<sup>2</sup> with initial drill results within geophysical anomalies having returned very positive levels of Cu-Au mineralisation associated with IOCG style alteration, with the possibility that these represent intersections peripheral to major targets.

Geophysical Audio Magnetotelluric (AMT) data acquired across Horse-Well in 2019 is being re-processed as part of Altair's strategy for the next step in targeted work plans. **The reprocessing has been led by Jim Hanneson, a renowned geophysicist whose bespoke modelling has led to numerous world-class discoveries, including most recently the Havieron deposit (7Moz gold, 275kt copper)<sup>4</sup> and previously Khamsin and Carrapateena.**

The reprocessing aims to identify and redefine targets through a 3-D forward AMT model for follow-up work. The AMT data includes a total of 240 soundings, with resistivity and phases across a spectrum of 86 frequencies per sounding, and potentially provides information on the electric conductivity of the target basement lithologies.

Dr. Hanneson is applying proprietary code to forward-model the data readings from the ground up as previous efforts to model the data have been shown to overly smooth the inversion results. With the guidance of Mr. Chris Anderson and Dr. Ken Cross, in combination with the updated AMT model, Altair expects to identify new anomalies and clearly redefine previous anomalies to progress Horse-Well to the next stage in exploration.



**Figure 4:** Horse Well Total Magnetic Intensity (TMI) overlaid with TMI variable reduction to pole (VRTP) 2<sup>nd</sup> derivative - SARIG. Shows two key high-priority magnetic targets.



### **Canada Lithium Geochemistry – 100% Owned, Ontario**

Dahrouge Consulting was engaged to collect 132 grab rock chip (plus 16 QAOC) samples from Altair's Lithium tenements in Canada, the assays and geological report received showed certain areas of anomalous lithium concentrations muscovite and biotite within surface exposures of pegmatites – up to 77ppm Li. The analyses of the sampling program results show the pegmatites which have been sampled are not of further interest, especially given the current market conditions for the Lithium sector. Altair believes these results do not warrant further immediate exploration or prospecting within these tenements. The full set of results can be found in Appendix C below. Examinations will continue on other commodities or opportunities within the Ontario properties.

Altair's focus remains on its highly prospective copper and gold portfolio, with Horse Well representing a unique exploration opportunity to make a significant discovery, located in a highly sought-after jurisdiction endowed with tier-1 deposits. While for Wee MacGregor, particularly the wide copper mineralised channel sample of 43.8m @ 1.2% Cu indicates potential for far thicker zones of copper & gold mineralisation to be encountered below than previously understood. As the Company is continuing work at the high-grade Wee MacGregor copper-gold prospect and Horse-Well prospect, in parallel, Altair is evaluating numerous complimentary business opportunities across the globe which has potential to generate substantial value for shareholders.

### **Altair Chief Executive Officer, Faheem Ahmed comments:**

"I'm pleased to announce some incredible surface grades at Wee MacGregor which highlights the prospectivity of this Mining License. Wee MacGregor has a rich history of high-grade copper production, and these samples unlock new potential for strike extensions and gold mineralisation which is highly encouraging. The channel samples were also incredibly positive, highlighted by an impressive 43.7m @ 1.2% copper section which shows a thick protrusion of mineralisation at surface together with rock-chip grab samples up to 32% copper demonstrating the tremendous grades present at Wee MacGregor.

I'm also delighted by the work being done by Jim Hanneson on Horse-Well prospect which is an incredibly exciting tenement located next to a premier IOCG deposit owned by BHP and look forward to presenting the findings of the updated model in the near future. In my view, Altair has put together the best possible discovery team of copper specialists with some of the best and technically astute geophysicists in the globe. The experience brought forward by Chris Anderson, Ken Cross and Jim Hanneson is invaluable and goes a long way in not just evaluating and defining the potential targets for Horse-Well but utilizing their skills in evaluating further opportunities.

The Company is working diligently in the background for shareholders to unlock value across the portfolio of assets using best practices of exploration. These assays are another step in the right direction as we continue executing our work plans."

### **For and on behalf of the board:**

Faheem Ahmed

CEO

This announcement has been approved for release by the Board of ALR.

### **About Altair Minerals**

Altair Minerals Limited is listed on the Australian Securities Exchange (ASX) with the primary focus of investing in the resource sector through direct tenement acquisition, joint ventures, farm in arrangements and new project generation. The Company has projects located in South Australia, Western Australia and Queensland with a key focus on its Olympic Domain tenements located in South Australia. The shares of the company trade on the Australian Securities Exchange under the ticker symbol ALR.

### **Competent Persons Statement**

This announcement regarding the Wee MacGregor and the Ontario Lithium Projects has been prepared with information compiled by Mr Steven Cooper, FAusIMM. Mr Cooper is the consulting Exploration Manager for Altair Minerals Limited. He has sufficient experience relevant to the style of



mineralisation and type of deposit under consideration 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 Steven Cooper consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

### Forward Looking Statement

This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.

### References

1. ASX: BHP Announcement dated 27th August 2024, "BHP FY2024 Results Presentation".
2. ASX: AGY announcement dated 4th December 2015, "Wee MacGregor Project Results Update"
3. ASX: ALR announcement dated 10th December 2018, "Further Strong Results Received from Wee MacGregor Drilling"
4. <https://greatlandgold.com/projects/havieron/>

### Appendix A: Wee MacGregor Geochemical Sampling Results

| Sample No. | Comments                 | Easting | Northing | Cu (%) | Au (g/t) | Co (ppm) |
|------------|--------------------------|---------|----------|--------|----------|----------|
| WM19-02    | Rock Sample              | 390119  | 7686762  | 32.0   | 1.54     | 117      |
| WM24-01    | Rock Sample              | 390098  | 7686814  | 4.4    | 1.06     | 558      |
| WM24-02    | Channel 1.2m length      | 390140  | 7686746  | 0.5    | 0.03     | 175      |
| WM24-03    | Channel 1m length        | 390139  | 7686747  | 0.5    | 0.02     | 212      |
| WM24-04    | Channel 8.2m length      | 390137  | 7686751  | 0.5    | 0.02     | 375      |
| WM24-05    | Channel 2.9m length      | 390134  | 7686755  | 0.7    | 0.03     | 117      |
| WM24-06    | Channel 2m length        | 390132  | 7686757  | 1.0    | 0.04     | 192      |
| WM24-07    | Channel 2m length        | 390130  | 7686758  | 0.7    | 0.11     | 158      |
| WM24-08    | Channel 1.7m length      | 390129  | 7686758  | 0.9    | 0.15     | 153      |
| WM24-09    | Channel 6.66m length     | 390125  | 7686760  | 1.3    | 0.18     | 630      |
| WM24-11    | Channel 2.3m length      | 390121  | 7686761  | 0.6    | 0.01     | 376      |
| WM24-12    | Channel 4.5m length      | 390118  | 7686760  | 1.1    | 0.08     | 323      |
| WM24-13    | Channel 3.2m length      | 390115  | 7686758  | 0.9    | 0.11     | 168      |
| WM24-14    | Channel 8m length, scree | 390143  | 7686749  | 3.0    | 0.33     | 364      |
| WM24-15    | Channel 1.8m length      | 390117  | 7686705  | 1.2    | 0.12     | 169      |
| WM24-16    | Channel 1.5m length      | 390116  | 7686707  | 2.2    | 0.88     | 223      |
| WM24-17    | Channel 1.4m length      | 390115  | 7686708  | 2.0    | 1.17     | 65       |
| WM24-18    | Channel 5m length        | 390118  | 7686702  | 1.6    | 0.42     | 600      |
| WM24-19    | Channel 4.5m length      | 390117  | 7686698  | 2.9    | 1.86     | 347      |
| WM24-20    | Channel 1.5m length      | 390115  | 7686696  | 0.3    | 0.15     | 197      |

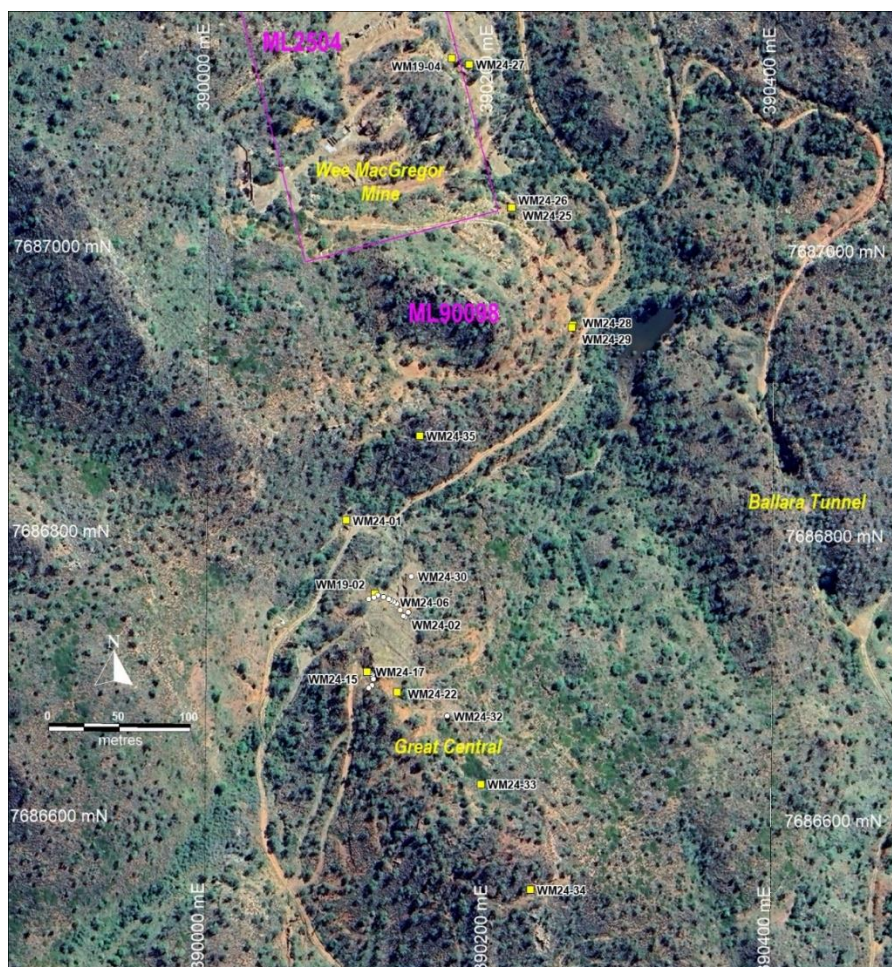




|         |                      |        |         |      |      |     |
|---------|----------------------|--------|---------|------|------|-----|
| WM24-21 | Rock Sample          | 390114 | 7686708 | 15.8 | 2.03 | 103 |
| WM24-22 | Rock Sample          | 390135 | 7686693 | 23.8 | 4.00 | 785 |
| WM24-23 | Channel 3.0m length  | 390138 | 7686707 | 0.6  | 0.04 | 361 |
| WM24-24 | Rock Sample          | 390136 | 7686707 | 2.5  | 0.07 | 346 |
| WM24-30 | Channel 1.5m length  | 390145 | 7686775 | 0.6  | 0.03 | 98  |
| WM24-32 | Channel 1.2m, length | 390171 | 7686677 | 1.0  | 0.01 | 270 |
| WM24-33 | Rock Sample          | 390195 | 7686629 | 0.2  | 0.22 | 179 |
| WM24-34 | Rock Sample          | 390230 | 7686555 | 1.1  | 0.02 | 156 |
| WM24-35 | Rock Sample          | 390150 | 7686873 | 0.8  | 0.12 | 296 |
| WM19-04 | Rock Sample          | 390171 | 7687139 | 21.1 | 5.51 | 643 |
| WM24-25 | Rock Sample          | 390213 | 7687034 | 15.2 | 1.60 | 25  |
| WM24-26 | Rock Sample          | 390214 | 7687034 | 17.0 | 2.29 | 33  |
| WM24-27 | Rock Sample          | 390183 | 7687135 | 1.7  | 0.75 | 229 |
| WM24-28 | Rock Sample          | 390257 | 7686952 | 0.6  | 0.33 | 156 |
| WM24-29 | Rock Sample          | 390257 | 7686950 | 0.4  | 0.53 | 86  |

**Table 1:** Sample co-ordinates and assays for Cu, Au, Co for geochemical analyses at Wee MacGregor. Coordinates for channel samples are centre points.

## Appendix B: Wee MacGregor Geochemical Sampling Location Map



**Figure 5:** All sample locations at Wee MacGregor. Yellow dots indicate grab rock samples; white dots indicate centre points of channel samples. Note all labels for each channel point and rock sample point have not been included due to overlaps.



## Appendix C: Canadian Geochemical Assays

| Sample         | Property Area         | Type        | Zone       | Easting       | Northing       | Lithology        | Grainsize                  | Li (ppm)  | Cs (ppm) | Ta (ppm) |
|----------------|-----------------------|-------------|------------|---------------|----------------|------------------|----------------------------|-----------|----------|----------|
| F091201        | Gathering Lake        | Grab        | 16N        | 464646        | 5474629        | Pegmatite        | Very Coarse-grained        | <15       | 5        | 2        |
| F091202        | Gathering Lake        | Grab        | 16N        | 464701        | 5474681        | Pegmatite        | Very Coarse-grained        | <15       | 7        | 2        |
| F091203        | Gathering Lake        | Grab        | 16N        | 464860        | 5472985        | Pegmatite        | Very Coarse-grained        | <15       | 10       | 2        |
| <b>F091204</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>464892</b> | <b>5472992</b> | <b>Pegmatite</b> | <b>Coarse- grained</b>     | <b>41</b> | 9        | 3        |
| F091205        | Gathering Lake        | Grab        | 16N        | 464608        | 5471692        | Pegmatite        | Coarse- grained            | 17        | 5        | 1        |
| F091206        | Gathering Lake        | Grab        | 16N        | 464526        | 5474479        | Pegmatite        | Coarse- grained            | <15       | 8        | 1        |
| F091208        | Gathering Lake        | Composite   | 16N        | 463349        | 5472628        | Pegmatite        | Very Coarse- grained       | 19        | 7        | 3        |
| F091209        | Gathering Lake        | Chip        | 16N        | 463506        | 5472586        | Pegmatite        | Very Coarse-grained        | 23        | 10       | 2        |
| <b>F091211</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>463217</b> | <b>5473379</b> | <b>Pegmatite</b> | <b>Very Coarse-grained</b> | <b>59</b> | 13       | 4        |
| F091212        | Gathering Lake        | Chip        | 16N        | 462980        | 5473486        | Pegmatite        | Very Coarse-grained        | 26        | 7        | 2        |
| <b>F091213</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>462891</b> | <b>5473519</b> | <b>Pegmatite</b> | <b>Coarse- grained</b>     | <b>38</b> | 25       | 4        |
| <b>F091214</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>463035</b> | <b>5473772</b> | <b>Pegmatite</b> | <b>Coarse- grained</b>     | <b>49</b> | 12       | 2        |
| F091215        | Gathering Lake        | Grab        | 16N        | 463844        | 5473658        | Pegmatite        | Coarse- grained            | 20        | 6        | 2        |
| F091216        | Gathering Lake        | Grab        | 16N        | 463851        | 5473470        | Pegmatite        | Very Coarse-grained        | <15       | 8        | 2        |
| <b>F091217</b> | <b>Gathering Lake</b> | <b>Chip</b> | <b>16N</b> | <b>464053</b> | <b>5472344</b> | <b>Pegmatite</b> | <b>Very Coarse-grained</b> | <b>42</b> | 8        | 5        |
| F091218        | Gathering Lake        | Grab        | 16N        | 464196        | 5472413        | Pegmatite        | Coarse- grained            | 27        | 8        | 2        |
| F091219        | Gathering Lake        | Composite   | 16N        | 464323        | 5472423        | Pegmatite        | Coarse- grained            | 18        | 7        | 1        |
| F091221        | Gathering Lake        | Grab        | 16N        | 464403        | 5470268        | Pegmatite        | Very Coarse-grained        | <15       | 6        | 2        |
| F091222        | Gathering Lake        | Composite   | 16N        | 463950        | 5469819        | Pegmatite        | Coarse- grained            | <15       | 5        | 2        |
| F091223        | Gathering Lake        | Composite   | 16N        | 463816        | 5469769        | Pegmatite        | Coarse- grained            | 16        | 4        | 2        |
| F091224        | Gathering Lake        | Grab        | 16N        | 463953        | 5471312        | Granite          | Coarse- grained            | <15       | 4        | 1        |
| F091225        | Gathering Lake        | Grab        | 16N        | 463559        | 5470199        | Pegmatite        | Very Coarse-grained        | 25        | 7        | 2        |
| <b>F091226</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>467726</b> | <b>5473714</b> | <b>Granite</b>   | <b>Fine- grained</b>       | <b>56</b> | 5        | 3        |
| F091227        | Gathering Lake        | Grab        | 16N        | 467737        | 5473700        | Pegmatite        | Coarse- grained            | <15       | 5        | 1        |
| F091228        | Gathering Lake        | Grab        | 16N        | 467739        | 5473601        | Pegmatite        | Coarse- grained            | <15       | 5        | 1        |
| F091229        | Gathering Lake        | Grab        | 16N        | 467593        | 5473509        | Pegmatite        | Very Coarse-grained        | <15       | 95       | 8        |
| F091231        | Gathering Lake        | Grab        | 16N        | 467522        | 5473252        | Pegmatite        | Very Coarse-grained        | <15       | 9        | 2        |
| F091232        | Gathering Lake        | Composite   | 16N        | 467082        | 5471796        | Pegmatite        | Coarse- grained            | <15       | 3        | 1        |
| F091233        | Gathering Lake        | Grab        | 16N        | 470252        | 5473253        | Pegmatite        | Coarse- grained            | <15       | 10       | 1        |
| <b>F091234</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>470250</b> | <b>5474926</b> | <b>Pegmatite</b> | <b>Coarse- grained</b>     | <b>39</b> | 5        | 2        |
| F091235        | Gathering Lake        | Composite   | 16N        | 469304        | 5475043        | Pegmatite        | Very Coarse-grained        | 15        | 5        | 1        |
| F091236        | Gathering Lake        | Composite   | 16N        | 469265        | 5475038        | Pegmatite        | Very Coarse-grained        | 18        | 8        | 2        |
| F091237        | Gathering Lake        | Composite   | 16N        | 468434        | 5471719        | Pegmatite        | Coarse- grained            | <15       | 2        | 1        |
| <b>F091238</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>467986</b> | <b>5472484</b> | <b>Pegmatite</b> | <b>Pegmatitic</b>          | <b>35</b> | 10       | 1        |
| F091239        | Gathering Lake        | Grab        | 16N        | 468108        | 5472605        | Pegmatite        | Coarse- grained            | 23        | 5        | 2        |
| F091241        | Gathering Lake        | Composite   | 16N        | 468241        | 5472959        | Pegmatite        | Coarse- grained            | <15       | 3        | 1        |
| F091242        | Gathering Lake        | Grab        | 16N        | 468490        | 5473208        | Pegmatite        | Coarse- grained            | <15       | 3        | 3        |
| F091243        | Gathering Lake        | Composite   | 16N        | 468573        | 5473357        | Pegmatite        | Coarse- grained            | 29        | 10       | 3        |





|                |                       |             |            |               |                |                  |                        |           |    |   |
|----------------|-----------------------|-------------|------------|---------------|----------------|------------------|------------------------|-----------|----|---|
| F091244        | Gathering Lake        | Grab        | 16N        | 468416        | 5473528        | Granite          | Medium- grained        | <15       | 5  | 1 |
| F091251        | Gathering Lake        | Grab        | 16N        | 462681        | 5472134        | Pegmatite        | Very Coarse-grained    | 19        | 6  | 1 |
| <b>F091252</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>463102</b> | <b>5472478</b> | <b>Pegmatite</b> | <b>Coarse- grained</b> | <b>38</b> | 7  | 1 |
| F091253        | Gathering Lake        | Grab        | 16N        | 493213        | 5472511        | Granite          | Medium- grained        | <15       | 6  | 1 |
| F091254        | Gathering Lake        | Grab        | 16N        | 463328        | 5472474        | Pegmatite        | Coarse- grained        | <15       | 2  | 1 |
| F091255        | Gathering Lake        | Chip        | 16N        | 463910        | 5473649        | Pegmatite        | Very Coarse-grained    | <15       | 5  | 1 |
| F091256        | Gathering Lake        | Chip        | 16N        | 464063        | 5473601        | Pegmatite        | Very Coarse-grained    | <15       | 6  | 2 |
| <b>F091257</b> | <b>Gathering Lake</b> | <b>Grab</b> | <b>16N</b> | <b>471360</b> | <b>5473142</b> | <b>Pegmatite</b> | <b>Coarse- grained</b> | <b>31</b> | 5  | 1 |
| F091258        | Gathering Lake        | Grab        | 16N        | 471344        | 5473211        | Pegmatite        | Very Coarse-grained    | <15       | 6  | 5 |
| F091259        | Gathering Lake        | Grab        | 16N        | 471374        | 5473272        | Pegmatite        | Very Coarse-grained    | 25        | 3  | 2 |
| F091261        | Gathering Lake        | Composite   | 16N        | 471343        | 5473432        | Pegmatite        | Very Coarse-grained    | 15        | 4  | 1 |
| F091262        | Gathering Lake        | Grab        | 16N        | 468317        | 5474307        | Pegmatite        | Pegmatitic             | <15       | 15 | 1 |
| F091263        | Gathering Lake        | Grab        | 16N        | 468377        | 5474155        | Pegmatite        | Pegmatitic             | <15       | 10 | 1 |
| F091291        | Ottertail Field       | Grab        | 16N        | 443565        | 5619958        | Pegmatite        | Coarse- grained        | <15       | 1  | 1 |
| F091292        | Ottertail Field       | Grab        | 16N        | 444171        | 5620946        | Pegmatite        | Coarse- grained        | <15       | 1  | 1 |
| F091293        | Ottertail Field       | Composite   | 16N        | 444326        | 5621008        | Pegmatite        | Coarse- grained        | <15       | 1  | 2 |
| F091294        | Ottertail Field       | Grab        | 16N        | 445630        | 5620917        | Pegmatite        | Very Coarse-grained    | 24        | 4  | 2 |
| F091295        | Ottertail Field       | Composite   | 16N        | 446140        | 5621047        | Pegmatite        | Coarse- grained        | 15        | 1  | 1 |
| F091296        | Ottertail Field       | Grab        | 16N        | 446137        | 5621419        | Pegmatite        | Very Coarse-grained    | <15       | 1  | 1 |
| F091297        | Ottertail Field       | Grab        | 16N        | 445991        | 5621606        | Pegmatite        | Very Coarse-grained    | <15       | 1  | 1 |
| F091298        | Ottertail Field       | Grab        | 16N        | 445394        | 5621597        | Pegmatite        | Very Coarse-grained    | 20        | 1  | 1 |
| F091299        | Ottertail Field       | Grab        | 16N        | 446430        | 5621100        | Pegmatite        | Coarse- grained        | 24        | 1  | 2 |
| F091553        | Ottertail Field       | Grab        | 16N        | 446500        | 5621127        | Pegmatite        | Coarse- grained        | <15       | 1  | 2 |
| F091554        | Ottertail Field       | Composite   | 16N        | 447279        | 5621475        | Granite          | Coarse- grained        | <15       | 1  | 1 |
| F091555        | Ottertail Field       | Grab        | 16N        | 446343        | 5619271        | Granite          | Coarse- grained        | <15       | 2  | 1 |
| F091556        | Ottertail Field       | Grab        | 16N        | 445562        | 5620505        | Granite          | Coarse- grained        | <15       | 2  | 4 |
| F091557        | Ottertail Field       | Grab        | 16N        | 447088        | 5622985        | Granite          | Coarse- grained        | 22        | 2  | 2 |
| F091558        | Ottertail Field       | Composite   | 16N        | 447368        | 5622759        | Granite          | Coarse- grained        | <15       | 3  | 1 |
| F091559        | Ottertail Field       | Composite   | 16N        | 447521        | 5622660        | Granite          | Coarse- grained        | <15       | 2  | 1 |
| F091561        | Ottertail Field       | Composite   | 16N        | 447717        | 5622353        | Granite          | Coarse- grained        | <15       | 2  | 2 |
| F091562        | Ottertail Field       | Composite   | 16N        | 447058        | 5623490        | Pegmatite        | Very Coarse- grained   | <15       | 3  | 3 |
| F091563        | Ottertail Field       | Composite   | 16N        | 446950        | 5623875        | Granite          | Medium- grained        | <15       | 1  | 2 |
| F091564        | Ottertail Field       | Composite   | 16N        | 445025        | 5623050        | Granite          | Coarse- grained        | 22        | 2  | 2 |
| F091315        | Ottertail Field       | Composite   | 16N        | 445230        | 5620891        | Granite          | Medium- grained        | <15       | 1  | 2 |
| F091316        | Ottertail Field       | Grab        | 16N        | 445831        | 5621007        | Pegmatite        | Very Coarse-grained    | 16        | 2  | 4 |
| F091317        | Ottertail Field       | Grab        | 16N        | 444788        | 5621727        | Pegmatite        | Coarse- grained        | <15       | 4  | 1 |
| F091318        | Ottertail Field       | Composite   | 16N        | 446285        | 5621045        | Pegmatite        | Coarse- grained        | <15       | 1  | 2 |
| F091319        | Ottertail Field       | Grab        | 16N        | 446361        | 5621004        | Pegmatite        | Very Coarse-grained    | 16        | 1  | 2 |
| F091321        | Ottertail Field       | Grab        | 16N        | 446662        | 5621152        | Pegmatite        | Very Coarse-grained    | <15       | 1  | 1 |
| F091322        | Ottertail Field       | Composite   | 16N        | 447567        | 5621215        | Pegmatite        | Coarse- grained        | <15       | 1  | 1 |
| F091323        | Ottertail Field       | Grab        | 16N        | 446804        | 5623903        | Pegmatite        | Very Coarse-grained    | <15       | 1  | 1 |



|                |                     |                  |            |               |                |                  |                        |           |    |   |
|----------------|---------------------|------------------|------------|---------------|----------------|------------------|------------------------|-----------|----|---|
| F091324        | Ottertail Field     | Grab             | 16N        | 446637        | 5623886        | Pegmatite        | Very Coarse- grained   | <15       | 1  | 2 |
| F091325        | Ottertail Field     | Composite        | 16N        | 446446        | 5623957        | Pegmatite        | Very Coarse- grained   | 17        | 2  | 1 |
| F091326        | Ottertail Field     | Composite        | 16N        | 446218        | 5624050        | Pegmatite        | Very Coarse- grained   | 19        | 2  | 3 |
| F091327        | Ottertail Field     | Composite        | 16N        | 445769        | 5624151        | Granite          | Coarse- grained        | 20        | 2  | 1 |
| F091328        | Ottertail Field     | Composite        | 16N        | 442488        | 5621396        | Pegmatite        | Very Coarse- grained   | <15       | 1  | 1 |
| F091565        | Ottertail Field     | Grab             | 16N        | 445239        | 5622636        | Pegmatite        | Coarse- grained        | <15       | 1  | 1 |
| F091566        | Ottertail Field     | Grab             | 16N        | 445469        | 5622299        | Granite          | Coarse- grained        | <15       | 1  | 1 |
| F091567        | Ottertail Field     | Composite        | 16N        | 446009        | 5622151        | Granite          | Coarse- grained        | <15       | 2  | 2 |
| F091568        | Ottertail Field     | Grab             | 16N        | 442420        | 5621474        | Granite          | Coarse- grained        | 17        | 1  | 1 |
| F091569        | Ottertail Field     | Grab             | 16N        | 442271        | 5621573        | Granite          | Coarse- grained        | <15       | 1  | 1 |
| F091245        | Rogers Creek        | Grab             | 16N        | 495474        | 5481585        | Pegmatite        | Coarse- grained        | <15       | 2  | 1 |
| F091246        | Rogers Creek        | Composite        | 16N        | 495628        | 5482279        | Granite          | Coarse- grained        | 26        | 5  | 1 |
| F091247        | Rogers Creek        | Composite        | 16N        | 495578        | 5482211        | Pegmatite        | Coarse- grained        | <15       | 4  | 1 |
| <b>F091248</b> | <b>Rogers Creek</b> | <b>Grab</b>      | <b>16N</b> | <b>496775</b> | <b>5483134</b> | <b>Granite</b>   | <b>Coarse- grained</b> | <b>49</b> | 10 | 2 |
| F091249        | Rogers Creek        | Grab             | 16N        | 496892        | 5483151        | Pegmatite        | Coarse- grained        | 20        | 5  | 2 |
| F091301        | Rogers Creek        | Composite        | 16N        | 484571        | 5480864        | Pegmatite        | Coarse- grained        | <15       | 27 | 3 |
| F091302        | Rogers Creek        | Composite        | 16N        | 484286        | 5480609        | Pegmatite        | Coarse- grained        | <15       | 4  | 1 |
| F091303        | Rogers Creek        | Grab             | 16N        | 492600        | 5483340        | Pegmatite        | Coarse- grained        | <15       | 3  | 2 |
| F091304        | Rogers Creek        | Grab             | 16N        | 492663        | 5483477        | Pegmatite        | Coarse- grained        | <15       | 7  | 1 |
| F091305        | Rogers Creek        | Composite        | 16N        | 486877        | 5481502        | Pegmatite        | Coarse- grained        | 20        | 4  | 2 |
| F091306        | Rogers Creek        | Composite        | 16N        | 489528        | 5483816        | Pegmatite        | Coarse- grained        | <15       | 4  | 3 |
| F091307        | Rogers Creek        | Composite        | 16N        | 489430        | 5483777        | Pegmatite        | Coarse- grained        | 16        | 2  | 1 |
| F091265        | Rogers Creek        | Grab             | 16N        | 495726        | 5481912        | Pegmatite        | Coarse- grained        | <15       | 3  | 1 |
| F091266        | Rogers Creek        | Composite        | 16N        | 495715        | 5481990        | Granite          | Medium- grained        | <15       | 3  | 1 |
| F091267        | Rogers Creek        | Grab             | 16N        | 495765        | 5482636        | Pegmatite        | Coarse- grained        | <15       | 8  | 1 |
| F091268        | Rogers Creek        | Grab             | 16N        | 496521        | 5483147        | Pegmatite        | Coarse- grained        | <15       | 4  | 1 |
| F091269        | Rogers Creek        | Grab             | 16N        | 496348        | 5484257        | Pegmatite        | Coarse- grained        | <15       | 40 | 2 |
| F091271        | Rogers Creek        | Composite        | 16N        | 497185        | 5484662        | Pegmatite        | Coarse- grained        | <15       | 5  | 3 |
| F091272        | Rogers Creek        | Grab             | 16N        | 497756        | 5484603        | Pegmatite        | Coarse- grained        | <15       | 2  | 2 |
| F091273        | Rogers Creek        | Grab             | 16N        | 484613        | 5480917        | Pegmatite        | Coarse- grained        | 26        | 4  | 1 |
| F091274        | Rogers Creek        | Grab             | 16N        | 484666        | 5481084        | Pegmatite        | Coarse- grained        | 16        | 3  | 1 |
| F091275        | Rogers Creek        | Composite        | 16N        | 484531        | 5480827        | Pegmatite        | Coarse- grained        | <15       | 4  | 1 |
| F091276        | Rogers Creek        | Composite        | 16N        | 484476        | 5480685        | Pegmatite        | Coarse- grained        | 20        | 5  | 1 |
| <b>F091277</b> | <b>Rogers Creek</b> | <b>Composite</b> | <b>16N</b> | <b>482550</b> | <b>5479629</b> | <b>Pegmatite</b> | <b>Coarse- grained</b> | <b>34</b> | 6  | 2 |
| F091278        | Rogers Creek        | Grab             | 16N        | 492943        | 5483556        | Pegmatite        | Coarse- grained        | <15       | 2  | 1 |
| F091279        | Rogers Creek        | Grab             | 16N        | 492762        | 5483544        | Pegmatite        | Coarse- grained        | <15       | 1  | 1 |
| F091281        | Rogers Creek        | Grab             | 16N        | 490651        | 5483882        | Pegmatite        | Coarse- grained        | 22        | 5  | 2 |
| F091282        | Rogers Creek        | Grab             | 16N        | 490722        | 5483775        | Pegmatite        | Coarse- grained        | 23        | 4  | 1 |
| F091283        | Rogers Creek        | Grab             | 16N        | 490850        | 5483582        | Pegmatite        | Coarse- grained        | 16        | 9  | 3 |

**Table 2:** Sample co-ordinates and assays for Li, Cs, Ta and K/Rb Ratio for geochemical analyses at Ontario Lithium Tenements. Figures above 30ppm Li and have been highlighted. "<15" indicated lithium is below 15ppm was encountered.





# JORC Code, 2012 Edition – Table 1 report – Wee MacGregor Project

## Section 1 Sampling Techniques and Data

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

| Criteria                     | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Sampling techniques</i>   | <ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul style="list-style-type: none"> <li>Depending on outcrop, the Wee MacGregor (Qld) samples were continuous horizontal chip channel samples, or spot rock chip samples, both completed with small hand pick or hammer.</li> <li>Qld channel samples were only completed where the very highly weathered rock was soft enough to ensure continuous material over the entire width. Channel samples ranged from 1 to 8.2 metre intervals. Care was taken to ensure constant representative material was collected.</li> <li>No sample preparation was carried out in the field and the collected samples were delivered directly to the commercial ALS Geochemical laboratory in Mount Isa. The laboratory completed industry standard Au analyses by 30g FA IP-AES and a large range of other elements by either 4-acid or fusion digestion followed ICP-MS or ICP-AES.</li> <li>Detailed pXRF measurements were made on-site to indicate the areas with elevated copper that were suitable for sampling. Generally the fine grained copper oxide mineralisation is visible (due to green/blue colour), but the pXRF provided more systematic site selection.</li> <li>The Competent Person has reviewed referenced publicly sourced information through the report and considers that sampling was commensurate with industry standards current at the time of sampling and is appropriate for the indication of the presence of mineralisation.</li> </ul> |
| <i>Drilling techniques</i>   | <ul style="list-style-type: none"> <li>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).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>No drilling results are reported at this time.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <i>Drill sample recovery</i> | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>All samples were photographed as a check of consistency.</li> <li>All efforts were made to ensure the sample was representative.</li> <li>No relationship is believed to exist between sample recovery and</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | <ul style="list-style-type: none"> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | grade, but no work has been completed to confirm this.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Logging                                        | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>All samples were geologically logged to include details such as colour, grain size, rock type etc which is naturally qualitative in nature.</li> <li>All samples have quantitative magnetic susceptibility measurements and pXRF analyses taken to support the geological logging.</li> <li>All sample material were photographed..</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | <ul style="list-style-type: none"> <li>All rock chip and channel chip were collected dry and carefully chipped straight into sample calico bag.</li> <li>Channel samples were carefully chipped in a continuous manner in straight horizontal lines. If the outcrop was limited in size, or too hard to sample systematically, then spot rock chip samples were collected.</li> <li>Sample sizes averaged 1kg and are considered appropriate for the material being sampled (generally fine to very fine grained).</li> </ul>                                                                                                                                                                                                                                                                                                                            |
| Quality of assay data and laboratory tests     | <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>                                                                             | <ul style="list-style-type: none"> <li>The Wee MacGregor samples were submitted directly to ALS Geochemistry in Mount Isa.</li> <li>The samples were submitted to ALS Geochemistry Mt Isa for multi-element analyses by CCP-PKG01 package with Au by fire assay and ICP-AES finish (Au-ICP22). This package includes Cu, Co and base metals by 4-acid ICP-AES (ME-4ACD81), for Cu&gt;1% method used was Cu-OG62, REE and similar elements by fusion ICP-MS (ME-MS81), major oxide by fusion ICP-AES (ME-ICP06).</li> <li>ALS Geochemistry provided their in-house results for blanks, duplicates and standards utilised by the laboratory.</li> <li>The two samples collected in 2019 were analysed by ALS geochemistry by Au-AA25, ME-MS61r and copper by Cu-OG62.</li> <li>Two OREAS certified reference material (CRM) pulps were included</li> </ul> |



| Criteria                                             | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                  | <p>with the rocks samples to ALS Geochemistry as control standards. The reported ALS values for the OREAS 504 standards were within one standard deviation (1SD) of the certified values for both Cu and Au, and all other elements were within acceptable ranges compared to indicative reported values.</p> <ul style="list-style-type: none"> <li>The field pXRF analyses using a Vanta VMR 50kV with a Rh anode, provided a check on the laboratory analyses. The Vanta uses three beams at 20 seconds each and analyses are conducted by a Qld radiation licenced experienced operator. OREAS standards were incorporated with the pXRF measurements. Values reported by ALS were within range expected by the pXRF.</li> </ul> |
| <i>Verification of sampling and assaying</i>         | <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>There was no drillhole data.</li> <li>All geochemical data is compiled into an in-house relational database. Original laboratory supplied pdf reports and spreadsheets are retained and checked against the relational database input. Sample and assay data have been reviewed by an experienced geologist,</li> <li>No adjustments to assay data have been made.</li> </ul>                                                                                                                                                                                                                                                                                                                 |
| <i>Location of data points</i>                       | <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>                                                              | <ul style="list-style-type: none"> <li>Location of Qld samples was determined by hand-held Garmin GPSMap 66sr and 67 units in averaging mode. General expected accuracy is within 4 metres due to steep terrain limiting satellite signals, Google Earth was used to validate the coordinates.</li> <li>Datum used was in Queensland was UTM GDA94, Zone 54.</li> <li>The quality and adequacy are appropriate for this level of exploration.</li> </ul>                                                                                                                                                                                                                                                                             |
| <i>Data spacing and distribution</i>                 | <ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul> | <ul style="list-style-type: none"> <li>Data spacing and distribution are <b>not</b> sufficient to establish the degree of geological and grade continuity or for resource reporting. The data spacing was limited by outcrop and only provides a guide for future drill planning. See supplied maps for sample spacing.</li> <li>No sample compositing has been applied, all samples are either single continuous channel or single point rock chip.</li> </ul>                                                                                                                                                                                                                                                                      |
| <i>Orientation of data in relation to geological</i> | <ul style="list-style-type: none"> <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</li> </ul>                                  | <ul style="list-style-type: none"> <li>Orientation of horizontal channel samples are shown on map provided, and was limited by suitable exposure. The main mineralisation trend at Wee MacGregor is known to strike north-northwest and dip 50 to 60 degrees to the west. The channel samples will not be true width and it is unknown if any bias may occur</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |





| Criteria                 | JORC Code explanation                                                                                                   | Commentary                                                                                                                                                                                                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>structure</i>         | <i>sampling bias, this should be assessed and reported if material.</i>                                                 | <p>due to mineralisation zoning in the shear,</p> <ul style="list-style-type: none"> <li>No comment can be made on if any bias has been introduced due to azimuth orientation of channel samples.</li> </ul>                  |
| <i>Sample security</i>   | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>                         | <ul style="list-style-type: none"> <li>All samples were in the secure custody of Altair contractors until personally delivered to ALS Geochemistry in Mt Isa.</li> <li>Best practices were undertaken at the time.</li> </ul> |
| <i>Audits or reviews</i> | <ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul> | <ul style="list-style-type: none"> <li>None undertaken.</li> </ul>                                                                                                                                                            |

## Section 2 Reporting of Exploration Results

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

| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Mineral tenement and land tenure status</i> | <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 the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul style="list-style-type: none"> <li>Sampling at Wee MacGregor was completed within Mining Lease 90098, adjacent to ML2504, both held by Mining International Pty Ltd</li> <li>Altair Minerals Limited holds an 80% interest in the Mining Leases and is the operator.</li> <li>The tenements are in good standing.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <i>Exploration done by other parties</i>       | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>The Wee MacGregor was discovered in 1904 and was a historical underground mine from 1906 to 1921, first by the MacGregor Cloncurry Copper Mines Pty Ltd and then by the Hampton-Cloncurry Mining Company. Reported production is 2774.8 tonnes of copper and 1535 ounces of gold (at 6.2% Cu and 1g/t Au from approximately 45,123.7 tonnes of ore mined).</li> <li>Intermittent small scale production occurred by Edna May Mines between 1962 and 1971. One single diamond core drillhole was completed by Ausminda Pty Ltd beneath the Wee MacGregor to 251.9 metres (Curtis, 1967; CR15154).</li> <li>Eastern Cooper Mines NL completed in-situ leaching mining operations from 1974-1975 and 1977-1979.</li> <li>Brancote Australia NL completed a nineteen hole RC drilling program in</li> </ul> |



| Criteria                                                                | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>1991. Total meterage was 1346 metres and assays were for copper only.</p> <ul style="list-style-type: none"> <li>Agosy Minerals Ltd during the period 2015-2017 released a maiden JORC Mineral Resource for the Wee MacGregor Mine with an interfered 1.65 Mt at 1.6% Cu using a 0.5% cut-off grade (Argosy Minerals ASX release 2 December 2015).</li> <li>Cohiba Minerals Ltd (now Altair Minerals) completed eight RC drillholes for 222 metres in June 2018. Four of the drillholes were into the Great Central target. Program was abandoned due to drilling difficulties (see Cohiba ASX releases 30 August and 12 December 2018).</li> </ul> |
| <i>Geology</i>                                                          | <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 Wee MacGregor is a Cu-Au shear hosted mineralised deposit within amphibolite schist and quartz feldspar porphyry/quartzite host rocks, and includes cross cutting quartz filled joints, shears and fractures.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                    |
| <i>Data aggregation methods</i>                                         | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul> | <ul style="list-style-type: none"> <li>Channel samples were over variable lengths depending on character of the exposed material.</li> <li>Any aggregated results reported are weighted averages based on recorded measured lengths. No maximum or minimum grades truncations (cut-offs) are used.</li> <li>No metal equivalent values are reported.</li> </ul>                                                                                                                                                                                                                                                                                        |
| <i>Relationship between mineralisation widths and intercept lengths</i> | <ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>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').</i></li> </ul>                                                                                                                                                                             | <ul style="list-style-type: none"> <li>True widths are not known. The historical workings indicate the main mineralised shear zones are dipping 50 to 60 degrees to the west.</li> <li>All channel lengths reported are horizontal.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                         |
| <i>Diagrams</i>                                                         | <ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>See main body of report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Criteria                                  | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                   | Commentary                                                                                                                                                          |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | <i>being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>                                                                                                                                                                                                                                                                                           |                                                                                                                                                                     |
| <i>Balanced reporting</i>                 | <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>The reporting is considered to be balanced.</li> <li>Where data has been excluded, it is not considered material.</li> </ul> |
| <i>Other substantive exploration data</i> | <ul style="list-style-type: none"> <li>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.</li> </ul> | <ul style="list-style-type: none"> <li>All relevant exploration data related to the current sampling has been included in this report.</li> </ul>                   |
| <i>Further work</i>                       | <ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>                                       | <ul style="list-style-type: none"> <li>Further exploration drilling is required.</li> </ul>                                                                         |



# JORC Code, 2012 Edition – Table 1 report– Canadian Project

## Section 1 Sampling Techniques and Data

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

| Criteria                     | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Sampling techniques</i>   | <ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul style="list-style-type: none"> <li>From examined outcrops within Altair Mineral Claims (Ontario, Canada), rock chip samples were collected with rock hammers and chisels late in 2023.</li> <li>No sample preparation was carried out in the field and the collected samples were delivered directly to the commercial Activation Laboratory (Actlabs) in Ancaster, Ontario. The laboratory completed industry standard analyses for 55 elements (UT-7 package) by Na peroxide fusion followed by ICP-MS or ICP-OES.</li> <li>The samples collected are spot grab or local composite and were collected based on locality, ease of removal and mineralogy to ensure samples were representative of the lithology sampled.</li> <li>A total of 64 rock samples plus 8 QAQC samples from the Gathering Project, 39 rock and five QAQC from the Ottetail Project, 29 rock and three QAQC samples from Rogers Creek Project were submitted for analyses (a total of 148 samples). The majority of the rock samples were classed as pegmatites. There were no samples from the Big Rock Project area.</li> </ul> |
| <i>Drilling techniques</i>   | <ul style="list-style-type: none"> <li>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).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>No drilling results are reported at this time.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <i>Drill sample recovery</i> | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>All samples were photographed as a check of consistency.</li> <li>All efforts were made to ensure the sample was representative.</li> <li>No relationship is believed to exist between sample recovery and grade, but no work has been completed to confirm this.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



| Criteria                                              | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Logging</i>                                        | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>All samples were geologically logged to include details such as lithology, colour, grain size, rock type etc which is naturally qualitative in nature.</li> <li>All sample material were photographed.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <i>Sub-sampling techniques and sample preparation</i> | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | <ul style="list-style-type: none"> <li>All rock chip samples were collected dry into labelled 6 mil poly bags.</li> <li>Sample preparation protocol was not provided by Actlabs.</li> <li>Samples were collected based on locality, ease of removal and mineralogy to ensure samples were representative of the lithology sampled</li> <li>Weights have not been supplied by Actlabs but sample sizes are considered appropriate for the material being sampled.</li> </ul>                                                                                                                                                                                                     |
| <i>Quality of assay data and laboratory tests</i>     | <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>                                                                             | <ul style="list-style-type: none"> <li>Samples were delivered directly to the commercial Activation Laboratory (Actlabs) in Ancaster, Ontario. The laboratory completed industry standard analyses for 55 elements (UT-7 package) by Na peroxide fusion followed by ICP-MS or ICP-OES. Actlabs provided their in-house results for blanks, duplicates and standards utilised by the laboratory.</li> <li>OREAS certified reference material (CRM) pulps were included with the rocks samples to Actlabs as control standards in all three batches. The reported laboratory values for the OREAS standards were within acceptable ranges compared to reported values.</li> </ul> |
| <i>Verification of sampling and assaying</i>          | <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> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>There was no drillhole data.</li> <li>All geochemical data is compiled into an in-house relational database. Original laboratory supplied pdf reports and spreadsheets are retained and checked against the relational database input. Sample and assay data have been reviewed by an experienced geologist.</li> </ul>                                                                                                                                                                                                                                                                                                                  |

| Criteria                                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                | <ul style="list-style-type: none"> <li>Discuss any adjustment to assay data.</li> </ul>                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>No adjustments to assay data have been made.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       |
| <i>Location of data points</i>                                 | <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>                                                                                              | <ul style="list-style-type: none"> <li>Location of samples was determined by hand-held Garmin GPSMap 64sx units. General expected accuracy is within 5 metres.</li> <li>Datum used was UTM NAD83, Zone 16N.</li> <li>The quality and adequacy are appropriate for this level of exploration.</li> </ul>                                                                                                                                                              |
| <i>Data spacing and distribution</i>                           | <ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>                                 | <ul style="list-style-type: none"> <li>Data spacing and distribution are <b>not</b> sufficient to establish the degree of geological and grade continuity or for resource reporting. The data spacing was limited by outcrop and only provides a guide for any future exploration. See supplied maps for sample spacing if material.</li> <li>Limited sample compositing was utilised over small local areas to improve representative nature of samples.</li> </ul> |
| <i>Orientation of data in relation to geological structure</i> | <ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | <ul style="list-style-type: none"> <li>No comments can be made on if any bias has been introduced due to sampling technique.</li> </ul>                                                                                                                                                                                                                                                                                                                              |
| <i>Sample security</i>                                         | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>All samples were in the secure custody of Altair contractors until personally delivered to the commercial laboratory.</li> <li>Best practices were undertaken at the time.</li> </ul>                                                                                                                                                                                                                                         |
| <i>Audits or reviews</i>                                       | <ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>None undertaken.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                   |

## Section 2 Reporting of Exploration Results

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

| Criteria                                | JORC Code explanation                                                                                                                                                                                                                                                                         | Commentary                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Mineral tenement and land tenure</i> | <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</li> </ul> | <ul style="list-style-type: none"> <li>The sampling was conducted within Mineral Claims held 100% by Cohiba Ontario Inc., a subsidiary of Altair Minerals Ltd. The contiguous Mineral Claims are in four separate areas; Gathering Lake (MC792620 to 792628), Ottertail (MC795232, 795235, 795239 to 795243) and</li> </ul> |



| Criteria                                 | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>status</i>                            | <p><i>park and environmental settings.</i></p> <ul style="list-style-type: none"> <li><i>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.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                | <p>Rogers Creek (MC799646 to 799649, 799651 to 799655, &amp; 799657). The Big Rock Project (MC800004 to 800011, 800022) area was not sampled.</p> <ul style="list-style-type: none"> <li>The tenements are believed to be in good standing..</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <i>Exploration done by other parties</i> | <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>The Big Rock area has undergone minor reconnaissance surveys in recent times but the pegmatites were not assessed for lithium and REE.</li> <li>The Rogers Creek Project area had regional mapping in 1939 and 1970 that documented several white and pink pegmatites.</li> <li>In 2003 the Ontario Geological Survey (OGS) conducted a regional investigation of mineralisation associated with REE pegmatites and related S-type peraluminous granites. It is not known if any work was completed on the current Ottertail Project sampled pegmatites.</li> <li>In the Gathering Lake Project area, the spodumene-bearing pegmatites were first discovered in 1955 with the majority of historical exploration occurring between 1955-1958. Some pegmatites were drill tested in 1955 and 1956 and minor additional drilling in the 1980's and 1990's. Work conducted by the Ontario Geological survey (OGS) in the 1970's identified several white garnetiferous and tourmalinised pegmatites. It is not known if any of this work was completed on the current Gathering Lake Project sampled pegmatites.</li> </ul> |
| <i>Geology</i>                           | <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 Project areas lie within the English River Sub-province, located within the Superior Province. The underlying bed rock is gneissic or granite. The target is late-stage pegmatite dykes potentially hosting lithium, beryllium, tantalum, niobium and tin.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <i>Data aggregation methods</i>          | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> <li><i>The assumptions used for any reporting of metal equivalent</i></li> </ul> | <ul style="list-style-type: none"> <li>No aggregated results are reported and no maximum or minimum grades truncations (cut-offs) are used.</li> <li>No metal equivalent values are reported.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |





| Criteria                                                                | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                 | Commentary                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                         | <i>values should be clearly stated.</i>                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                     |
| <i>Relationship between mineralisation widths and intercept lengths</i> | <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>• The grab rock samples are considered spot samples and do not represent mineralisation over any significant interval.</li> </ul>                                                                                                                                            |
| <i>Diagrams</i>                                                         | <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 main body of report, if material.</li> </ul>                                                                                                                                                                                                                           |
| <i>Balanced reporting</i>                                               | <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>• The reporting is considered to be balanced.</li> <li>• Where data has been excluded, it is not considered material.</li> <li>• The Competent Person has carefully reviewed the analyses and concluded the results are not material enough to warrant reporting.</li> </ul> |
| <i>Other substantive exploration data</i>                               | <ul style="list-style-type: none"> <li>• 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.</li> </ul>             | <ul style="list-style-type: none"> <li>• All relevant exploration data related to the current sampling has been included in this report.</li> </ul>                                                                                                                                                                 |
| <i>Further work</i>                                                     | <ul style="list-style-type: none"> <li>• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>                                                 | <ul style="list-style-type: none"> <li>• Any further exploration activity will depend on assessment of current results.</li> </ul>                                                                                                                                                                                  |

