

30 August 2022

## Further Lithium-Bearing Pegmatites Confirmed by Mapping and Geochemistry at the Yalgoo Project

Australian battery minerals explorer, Firetail Resources Limited (**Firetail or the Company**) (ASX: FTL) is pleased to provide an update on exploration activities at its Yalgoo Lithium Project (Yalgoo) in Western Australia, where a second campaign of mapping and rock chip sampling has been successful in further extending the footprint of lithium-bearing pegmatites.

The Company is highly encouraged by this geological evidence and is excited to soon be embarking upon its maiden drilling campaign, in what will be the first ever drilling designed to test the potential of pegmatite-hosted Lithium-Caesium-Tantalum (LCT) mineralisation at the project.

### Highlights:

- Second mapping campaign confirms and extends lithium bearing pegmatite footprint at Yalgoo Project, following the success of an initial mapping program undertaken in May 2022<sup>1</sup>
- Anomalous Lithium-Caesium-Tantalum (LCT) assays of up to 1,309ppm Li<sub>2</sub>O (FFR26360), 398ppm Cs (FFR26184) and 253ppm Ta (FFR26384), respectively, returned from rock chip samples, providing further confidence in the potential of the Yalgoo Project area to host significant LCT mineralisation
- Maiden drilling campaign targeting LCT mineralisation at Yalgoo scheduled to commence in late September, following completion of a Heritage Survey
- Further exploration targets being generated from regional datasets at the expansive Yalgoo and Dalgaranga Lithium Projects

### Executive Chairman, Brett Grosvenor, commented:

*"Work to date indicates that we are onto something really exciting at Yalgoo. The team is building geological datasets that continue to point in the direction of a potentially large-scale lithium-caesium-tantalum (LCT) bearing pegmatite system."*

*"We are now well positioned to proceed with our maiden drilling campaign at Yalgoo, with POW approvals in place, and a Heritage Survey booked in the coming fortnight, we are anticipating commencement of drilling in the coming 4-6 weeks."*

*"We find ourselves in an enviable position, to be exploring a very large, well-located land package, highly prospective for pegmatite hosted LCT mineralisation, which until now has never been systematically explored."*

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<sup>1</sup> Refer to ASX announcement dated 8 August 2022



EXAMPLE OF MAPPED PEGMATITE OUTCROP AT THE YALGOO PROJECT

### Yalgoo Mapping Interpretation & Results

The latest campaign has extended detailed field mapping to an area of approximately 2.5km by 2.0km and has been successful in identifying pegmatite and quartz bearing veins surrounding several known lithium occurrences. Assay results from rock chip samples have highlighted two new areas prospective for lithium mineralisation, with several anomalous results returned for Lithium, Caesium and Tantalum (LCT).

Strong LCT mineralisation in rock chip samples corresponds with very coarse-grained pegmatites with predominantly quartz-feldspar-muscovite mineralogy as observed in mapping.

A total of 231 rock chip samples of various rock types were collected, predominantly pegmatite and quartz bearing veins, with some samples also taken from granitoid material. The latest multi-element geochemical rock chip assay data have been sent to a consulting geochemist and the Company awaits interpretation of their results with respect to lithium prospectivity.

The mapped amphibolites, banded iron formation and granitoid dykes indicate metamorphism of up to middle amphibolite facies. The main penetrative fabric is related to a broadly NNW-SSE oriented relatively high strain corridor focused along a greenstone granitoid contact that transects regional folds, cross cuts regional lithostratigraphic trends and likely extends along strike for many kilometres across the Yalgoo Singleton greenstone belt.

Granitoid dykes are likely to be linked to regional granitic (TTG) magmatism, with the pervasive development of the penetrative main fabric indicating their emplacement was during regional progressive deformation.

The broadly N-S trending pegmatite veins and dykes approximate the trend of the much weaker N-S trending spaced fabric, and also the axial plane of regional folds. Pegmatite contacts are observed to cross cut the penetrative main fabric, supporting the relatively late timing of pegmatite emplacement, along with the presence of foliated greenstone rafts within some pegmatite dykes.

The duplex like geometry of pegmatite vein splays that link more strike extensive pegmatite dykes implies that sinistral wrenching along the regional NNW-SSE trend may have influenced pegmatite emplacement. Larger pegmatitic bodies appear less influenced by the underlying structural trends and fabrics, with many of these bodies cutting both structural fabrics at a high angle. These larger pegmatitic bodies are interpreted as blow outs related to structural intersections.

Interestingly, three of the five lithium shows (occurrences) previously identified from mapping are located within two of the relatively large pegmatitic bodies, which is of significance for exploration targeting purposes and may also represent an economic benefit for any potential mining scenario.



**PLATE 1: EXAMPLES OF OUTCROPPING PEGMATITES AND QUARTZ VEINS WITH ANOMALOUS LITHIUM, CAESIUM, AND TANTALUM**

## Next Steps

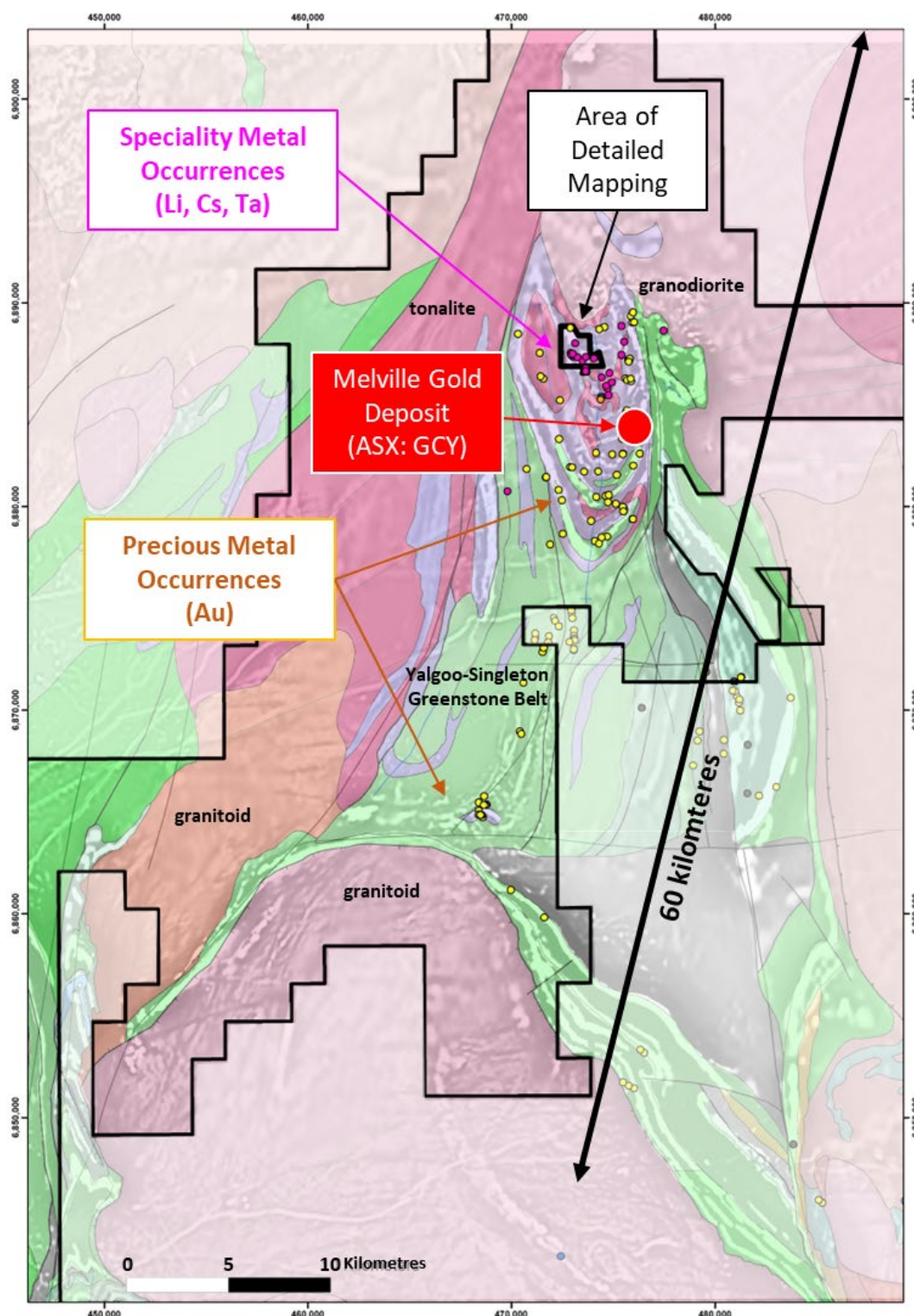
The Company is excited to soon be embarking upon a maiden drilling campaign at the Yalgoo Project, testing for the presence of LCT mineralisation, as confirmed by multiple campaigns of mapping and surface geochemical sampling.

Next steps and activities planned for the Yalgoo Project include:

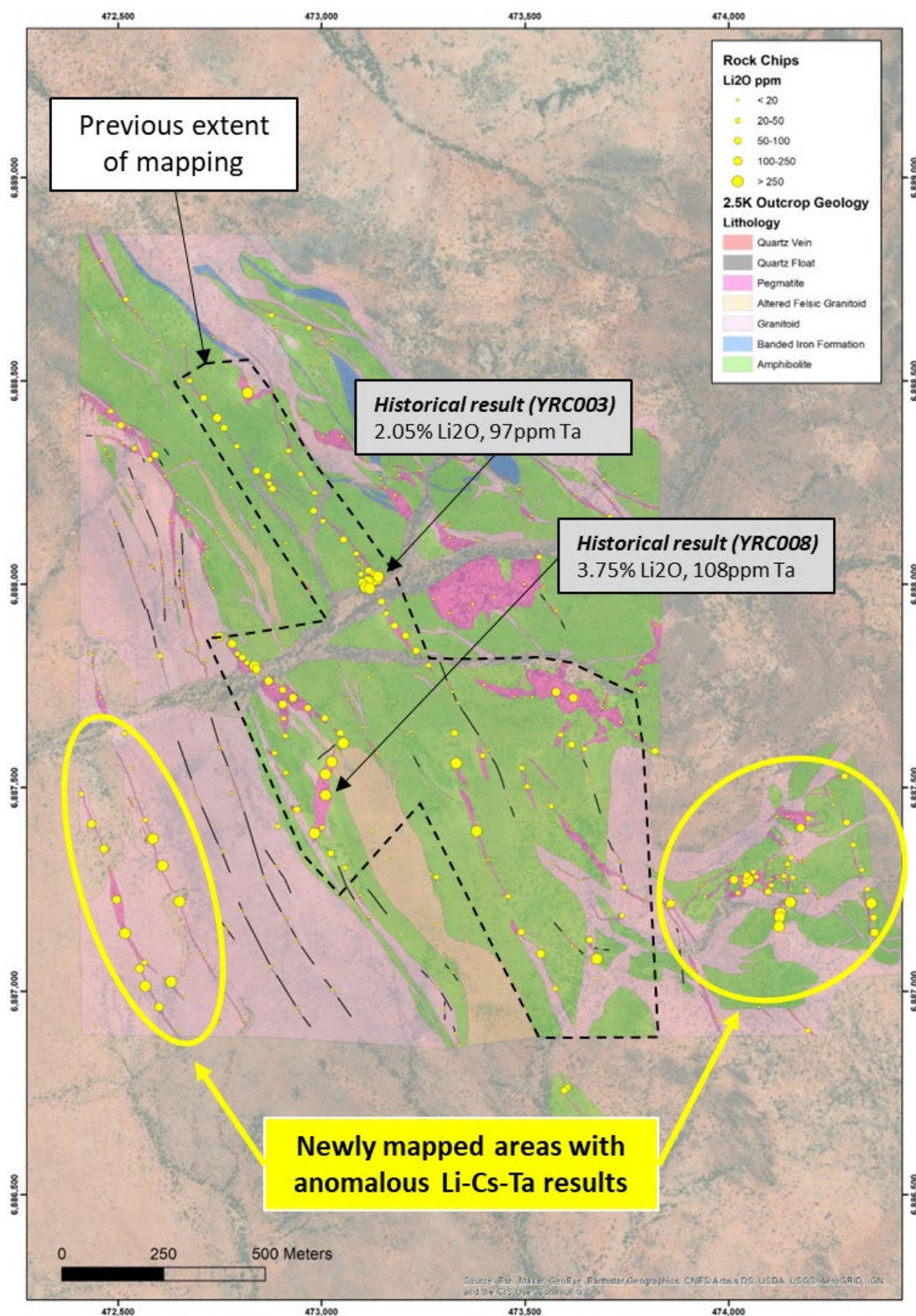
- Heritage Survey- scheduled for mid-September
- Earthmoving for drilling access- scheduled for mid-late September
- Maiden 2000m RC Drilling Campaign- scheduled for late September- early October
- Geochemical Interpretation:
  - rock chip results from latest mapping campaign - geochemical Interpretation for lithium prospectivity
  - soil sample (assay results pending)- once results received, to be sent to consulting geochemist for interpretation
- Target Generation- review results from geochemistry and first pass drilling to determine and rank high-priority targets, and plan follow-up work programs

The Company looks forward to providing further updates on exploration activities across its projects as further information and developments are to hand.





**FIGURE 1. YALGOO PROJECT DISPLAYING FIRETAIL'S TENURE, REGIONAL MAGNETICS, GEOLOGY AND MINERAL OCCURRENCES IN RELATION TO THE AREA OF DETAILED MAPPING COMPLETED BY FIRETAIL TO DATE**



**FIGURE 2. YALGOO PROJECT DISPLAYING DETAILED MAPPING AND Li<sub>2</sub>O ROCK CHIPS RESULTS IN RELATION TO KNOWN LITHIUM SHOWS AND HISTORIC ROCK CHIP RESULTS**



This announcement has been authorised for release on ASX by the Company's Board of Directors.

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### Exploration Results

The information in this announcement that relates to exploration activities is based on information compiled and fairly represented by Ms Melanie Leighton, who is a Member of the Australasian Institute of Geologists (MAIG). Ms Leighton has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which she has undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Ms Leighton provides geological consulting services to Firetail Resources and consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

### Forward-looking statements

This announcement may contain certain "forward-looking statements". Forward looking statements can generally be identified by the use of forward-looking words such as, "expect", "should", "could", "may", "predict", "plan", "will", "believe", "forecast", "estimate", "target" and other similar expressions. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance.

### Compliance Statement

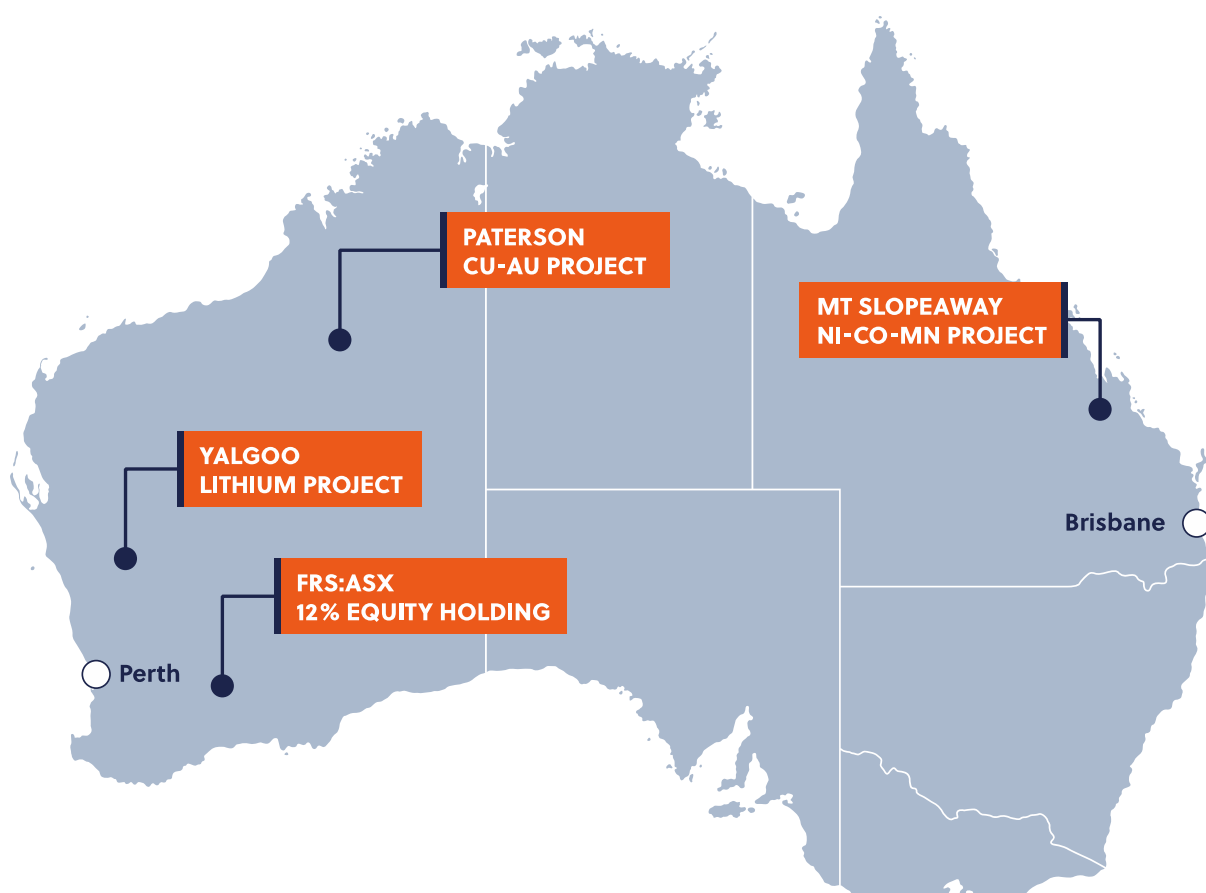
With reference to previously reported Exploration results and mineral resources, the company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus dated 25 February 2022 and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the Prospectus dated 25 February 2022 continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Prospectus dated 25 February 2022.

## About Firetail Resources

Firetail Resources (ASX:FTL) is a battery minerals company with an exciting project portfolio with exposure to multiple battery mineral commodities at its well-located Western Australian and Queensland projects.

The projects range from early exploration stage at the Paterson and Yalgoo-Dalgranga Projects through to advanced exploration-early resource stage at the Mt Slopeaway Project.

With a portfolio of highly prospective assets plus the experience of a strong technical team, the Company is well positioned to rapidly explore and develop their battery mineral projects and become a significant contributor to the green energy revolution.



**FIRETAIL PROJECTS PORTFOLIO**

## Appendix 1

TABLE 1. YALGOO PROJECT SIGNIFICANT ROCK CHIP ASSAY RESULTS

| sample ID | East   | North   | RL  | Li2O ppm | Cs ppm | Ta ppm | Rb ppm  | Nb ppm | Lithology   | Mineralogy                       |
|-----------|--------|---------|-----|----------|--------|--------|---------|--------|-------------|----------------------------------|
| FFR26360  | 474148 | 6887216 | 383 | 1309     | 251.52 | 13.31  | 3382.12 | 84.51  | Quartz Vein | Quartz                           |
| FFR26364  | 474124 | 6887158 | 385 | 831      | 42.55  | 24.02  | 354.3   | 48.72  | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26184  | 472582 | 6887371 | 370 | 674      | 398.18 | 5.7    | 5819.76 | 20.7   | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26363  | 474120 | 6887180 | 381 | 594      | 27.98  | 9.86   | 1318.65 | 52.87  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26192  | 472625 | 6887025 | 370 | 506      | 79.23  | 18.13  | 3501.5  | 74.65  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26366  | 474339 | 6887215 | 386 | 478      | 43.71  | 13.87  | 2317    | 44.35  | Pegmatite   | Quartz-Feldspar                  |
| FFR26186  | 472649 | 6887219 | 370 | 461      | 245.19 | 11.05  | 1001.24 | 23.25  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26384  | 474045 | 6887275 | 386 | 439      | 265.07 | 252.55 | 2936.99 | 255.26 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26199  | 472517 | 6887150 | 378 | 400      | 8.88   | 18.96  | 357.01  | 73.85  | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26362  | 474115 | 6887197 | 377 | 385      | 72.78  | 124.11 | 3203.09 | 231.47 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26185  | 472607 | 6887304 | 369 | 351      | 59.39  | 17     | 2177.08 | 70.61  | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26193  | 472565 | 6887015 | 368 | 284      | 27.5   | 14.46  | 1799.47 | 25.62  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26198  | 472554 | 6887056 | 373 | 230      | 12.25  | 8.73   | 325.91  | 38.02  | Pegmatite   | Quartz-Feldspar                  |
| FFR26202  | 472464 | 6887353 | 375 | 196      | 18.22  | 2.55   | 2119.34 | 35.3   | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26368  | 474348 | 6887143 | 395 | 181      | 31.16  | 45.3   | 1492.67 | 42.31  | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26200  | 472501 | 6887221 | 372 | 131      | 22.26  | 9.24   | 946.78  | 39.52  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26194  | 472599 | 6886964 | 367 | 121      | 20.56  | 10.61  | 2554.91 | 35.27  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26203  | 472437 | 6887413 | 372 | 116      | 19.15  | 2.76   | 1717.66 | 12.86  | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26388  | 474017 | 6887280 | 379 | 112      | 40.65  | 3.83   | 986.6   | 26.09  | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26397  | 473853 | 6886213 | 379 | 108      | 23.32  | 20.47  | 1569.45 | 39.58  | Pegmatite   | Quartz-Feldspar                  |
| FFR26376  | 474173 | 6887401 | 394 | 103      | 21.08  | 9.53   | 1979    | 58.63  | Pegmatite   | Quartz-Feldspar, minor muscovite |

TABLE 2. YALGOO PROJECT ROCK CHIP DETAILS (NO SIGNIFICANT RESULTS)

| sample ID | East   | North   | RL  | Lithology | Mineralogy                       |
|-----------|--------|---------|-----|-----------|----------------------------------|
| FFR26367  | 474350 | 6887181 | 389 | Pegmatite | Quartz-Feldspar-Muscovite        |
| FFR26401  | 473656 | 6887123 | 373 | Pegmatite | Quartz-Feldspar                  |
| FFR26263  | 472590 | 6888315 | 382 | Pegmatite | Quartz-Feldspar, minor muscovite |
| FFR26267  | 472502 | 6888391 | 380 | Pegmatite | Quartz-Feldspar, minor muscovite |
| FFR26361  | 474121 | 6887200 | 380 | Pegmatite | Quartz-Feldspar-Muscovite        |
| FFR26374  | 474282 | 6887531 | 413 | Pegmatite | Quartz-Feldspar                  |
| FFR26385  | 474046 | 6887287 | 386 | Pegmatite | Quartz-Feldspar-Muscovite        |
| FFR26345  | 474093 | 6887242 | 381 | Pegmatite | Quartz-Feldspar                  |
| FFR26244  | 473824 | 6887592 | 400 | Pegmatite | Quartz-Feldspar, minor muscovite |
| FFR26371  | 474285 | 6887414 | 399 | Pegmatite | Quartz-Feldspar                  |
| FFR26293  | 473535 | 6888067 | 375 | Pegmatite | Quartz-Feldspar, minor muscovite |
| FFR26323  | 472518 | 6888701 | 391 | Granitoid | Quartz-Feldspar                  |
| FFR26304  | 473703 | 6888166 | 380 | Pegmatite | Quartz-Feldspar, minor muscovite |



|          |        |         |     |             |                                  |
|----------|--------|---------|-----|-------------|----------------------------------|
| FFR26383 | 474073 | 6887279 | 387 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26210 | 472603 | 6887828 | 374 | Quartz Vein | Quartz-(Beryl?)                  |
| FFR26262 | 472574 | 6888299 | 382 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26358 | 474188 | 6887247 | 390 | Pegmatite   | Quartz-Feldspar                  |
| FFR26182 | 472564 | 6887426 | 368 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26375 | 474192 | 6887423 | 404 | Pegmatite   | Quartz-Feldspar                  |
| FFR26197 | 472563 | 6887071 | 374 | Pegmatite   | Quartz-Feldspar                  |
| FFR26352 | 474155 | 6887330 | 391 | Quartz Vein | Quartz                           |
| FFR26356 | 474152 | 6887275 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26365 | 474333 | 6887245 | 384 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26349 | 474135 | 6887283 | 388 | Pegmatite   | Quartz-Feldspar                  |
| FFR26369 | 474317 | 6887302 | 382 | Pegmatite   | Quartz-Feldspar                  |
| FFR26370 | 474304 | 6887364 | 397 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26382 | 474060 | 6887295 | 388 | Pegmatite   | Quartz-Feldspar                  |
| FFR26204 | 472410 | 6887487 | 370 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26346 | 474100 | 6887259 | 384 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26180 | 472515 | 6887631 | 361 | Granitoid   | Quartz-Feldspar                  |
| FFR26270 | 473541 | 6888337 | 377 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26343 | 472969 | 6888630 | 403 | Pegmatite   | Quartz-Feldspar                  |
| FFR26386 | 474044 | 6887260 | 385 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26394 | 474196 | 6886900 | 385 | Pegmatite   | Quartz-Feldspar                  |
| FFR26400 | 473738 | 6887185 | 373 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26403 | 473572 | 6887010 | 376 | Pegmatite   | Quartz-Feldspar                  |
| FFR26271 | 472478 | 6888421 | 384 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26344 | 472883 | 6888662 | 408 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26351 | 474140 | 6887311 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26387 | 474027 | 6887243 | 380 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26353 | 474173 | 6887319 | 383 | Pegmatite   | Quartz-Feldspar                  |
| FFR26221 | 472913 | 6887174 | 378 | Quartz Vein | Quartz                           |
| FFR26252 | 472645 | 6888219 | 380 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26268 | 472465 | 6888365 | 377 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26306 | 473691 | 6888260 | 384 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26354 | 474180 | 6887319 | 391 | Pegmatite   | Quartz-Feldspar                  |
| FFR26380 | 474100 | 6887327 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26381 | 474092 | 6887299 | 387 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26402 | 473762 | 6887026 | 373 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26308 | 472410 | 6887487 | 370 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26357 | 474145 | 6887247 | 389 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26373 | 474243 | 6887482 | 400 | Pegmatite   | Quartz-Feldspar                  |
| FFR26379 | 474133 | 6887367 | 390 | Pegmatite   | Quartz-Feldspar                  |
| FFR26389 | 473946 | 6887234 | 382 | Pegmatite   | Quartz-Feldspar, minor muscovite |

|          |        |         |     |             |                                  |
|----------|--------|---------|-----|-------------|----------------------------------|
| FFR26377 | 474141 | 6887432 | 395 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26269 | 472509 | 6888349 | 373 | Pegmatite   | Quartz-Feldspar                  |
| FFR26347 | 474100 | 6887270 | 385 | Pegmatite   | Quartz-Feldspar                  |
| FFR26372 | 474252 | 6887457 | 400 | Pegmatite   | Quartz-Feldspar                  |
| FFR26391 | 473887 | 6887058 | 383 | Pegmatite   | Quartz-Feldspar                  |
| FFR26396 | 474080 | 6886954 | 385 | Pegmatite   | Quartz-Feldspar                  |
| FFR26399 | 473793 | 6887224 | 376 | Pegmatite   | Quartz-Feldspar                  |
| FFR26404 | 473638 | 6887272 | 384 | Pegmatite   | Quartz-Feldspar                  |
| FFR26264 | 472560 | 6888360 | 383 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26266 | 472525 | 6888387 | 378 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26348 | 474116 | 6887279 | 388 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26350 | 474144 | 6887283 | 390 | Pegmatite   | Quartz-Feldspar                  |
| FFR26359 | 474220 | 6887230 | 385 | Pegmatite   | Quartz-Feldspar                  |
| FFR26378 | 474110 | 6887426 | 395 | Pegmatite   | Quartz-Feldspar                  |
| FFR26176 | 472735 | 6887990 | 372 | Quartz Vein | Quartz-Feldspar                  |
| FFR26238 | 473113 | 6887775 | 378 | Quartz Vein | Quartz                           |
| FFR26255 | 472703 | 6888085 | 378 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26258 | 472645 | 6888023 | 376 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26355 | 474129 | 6887270 | 389 | Pegmatite   | Quartz-Feldspar                  |
| FFR26390 | 473936 | 6887261 | 382 | Pegmatite   | Quartz-Feldspar                  |
| FFR26393 | 473969 | 6886929 | 373 | Pegmatite   | Quartz-Feldspar                  |
| FFR26395 | 474157 | 6886945 | 390 | Pegmatite   | Quartz-Feldspar                  |
| FFR26405 | 473566 | 6887316 | 387 | Pegmatite   | Quartz-Feldspar                  |
| FFR26195 | 472643 | 6886903 | 368 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26241 | 473785 | 6887790 | 393 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26242 | 473786 | 6887744 | 392 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26251 | 472617 | 6888264 | 381 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26392 | 473919 | 6887051 | 375 | Quartz Vein | Quartz                           |
| FFR26398 | 473850 | 6887204 | 379 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26406 | 473499 | 6887412 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26261 | 472626 | 6888153 | 380 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26300 | 473517 | 6887722 | 383 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26305 | 473670 | 6888239 | 383 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26319 | 473311 | 6888104 | 377 | Quartz Vein | Quartz                           |
| FFR26177 | 472680 | 6887947 | 371 | Granitoid   | Quartz-Feldspar                  |
| FFR26178 | 472458 | 6887881 | 365 | Granitoid   | Quartz-Feldspar                  |
| FFR26179 | 472544 | 6887758 | 366 | Granitoid   | Quartz-Feldspar                  |
| FFR26181 | 472537 | 6887462 | 368 | Quartz Vein | Quartz                           |
| FFR26183 | 472531 | 6887546 | 367 | Pegmatite   | Quartz-Feldspar-Muscovite        |
| FFR26187 | 472708 | 6887090 | 372 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26188 | 472751 | 6887008 | 373 | Pegmatite   | Quartz-Feldspar                  |

|          |        |         |     |             |                                    |
|----------|--------|---------|-----|-------------|------------------------------------|
| FFR26189 | 472805 | 6886927 | 370 | Pegmatite   | Quartz-Feldspar-(Beryl?)           |
| FFR26190 | 472747 | 6887926 | 369 | Quartz Vein | Quartz-Epidote                     |
| FFR26191 | 472657 | 6886987 | 368 | Pegmatite   | Quartz-Feldspar                    |
| FFR26196 | 472440 | 6886914 | 362 | Granitoid   | Quartz-Feldspar                    |
| FFR26201 | 472482 | 6887303 | 377 | Pegmatite   | Quartz-Feldspar, minor muscovite   |
| FFR26205 | 472460 | 6887726 | 370 | Pegmatite   | Quartz-Feldspar-Muscovite-(Beryl?) |
| FFR26206 | 472449 | 6887740 | 370 | Pegmatite   | Quartz-Feldspar-Muscovite-(Beryl?) |
| FFR26207 | 472435 | 6887806 | 373 | Pegmatite   | Quartz-Feldspar-Muscovite-(Beryl?) |
| FFR26208 | 472428 | 6887830 | 371 | Pegmatite   | Quartz-Feldspar-Muscovite          |
| FFR26209 | 472439 | 6887829 | 372 | Pegmatite   | Quartz-Feldspar-Muscovite          |
| FFR26211 | 472667 | 6887835 | 375 | Quartz Vein | Quartz                             |
| FFR26212 | 472695 | 6887857 | 378 | Quartz Vein | Quartz                             |
| FFR26213 | 472710 | 6887807 | 376 | Quartz Vein | Quartz                             |
| FFR26214 | 472821 | 6887628 | 374 | Quartz Vein | Quartz                             |
| FFR26215 | 472750 | 6887597 | 370 | Quartz Vein | Quartz                             |
| FFR26216 | 472757 | 6887341 | 379 | Quartz Vein | Quartz                             |
| FFR26217 | 472691 | 6887473 | 373 | Quartz Vein | Quartz                             |
| FFR26218 | 472778 | 6887486 | 371 | Quartz Vein | Quartz                             |
| FFR26219 | 472887 | 6887305 | 377 | Quartz Vein | Quartz                             |
| FFR26220 | 472859 | 6887276 | 375 | Quartz Vein | Quartz                             |
| FFR26222 | 472806 | 6887193 | 375 | Quartz Vein | Quartz                             |
| FFR26223 | 472769 | 6887151 | 374 | Quartz Vein | Quartz                             |
| FFR26224 | 472878 | 6887052 | 375 | Quartz Vein | Quartz                             |
| FFR26225 | 472942 | 6886952 | 371 | Quartz Vein | Quartz                             |
| FFR26226 | 473026 | 6887005 | 373 | Quartz Vein | Quartz                             |
| FFR26227 | 472927 | 6887123 | 377 | Quartz Vein | Quartz                             |
| FFR26228 | 473094 | 6887228 | 385 | Pegmatite   | Quartz-Feldspar, minor muscovite   |
| FFR26229 | 473114 | 6887179 | 384 | Pegmatite   | Quartz-Feldspar, minor muscovite   |
| FFR26230 | 473282 | 6887012 | 373 | Quartz Vein | Quartz                             |
| FFR26231 | 473294 | 6886952 | 375 | Quartz Vein | Quartz                             |
| FFR26232 | 473329 | 6886895 | 371 | Quartz Vein | Quartz                             |
| FFR26233 | 473492 | 6886889 | 370 | Granitoid   | Quartz-Feldspar                    |
| FFR26234 | 473336 | 6886870 | 372 | Quartz Vein | Quartz                             |
| FFR26235 | 473321 | 6887047 | 375 | Quartz Vein | Quartz                             |
| FFR26236 | 473213 | 6887426 | 387 | Quartz Vein | Quartz                             |
| FFR26237 | 473063 | 6887718 | 380 | Pegmatite   | Quartz-Feldspar                    |
| FFR26239 | 473233 | 6887772 | 379 | Granitoid   | Quartz-Feldspar                    |
| FFR26240 | 473791 | 6887812 | 392 | Pegmatite   | Quartz-Feldspar, minor muscovite   |
| FFR26243 | 473786 | 6887739 | 385 | Pegmatite   | Quartz-Feldspar, minor muscovite   |
| FFR26245 | 473773 | 6887629 | 396 | Pegmatite   | Quartz-Feldspar, minor muscovite   |
| FFR26246 | 472744 | 6888124 | 383 | Quartz Vein | Quartz                             |



|          |        |         |     |                   |  |
|----------|--------|---------|-----|-------------------|--|
| FFR26247 | 472790 | 6888147 | 385 | Altered Granitoid | Chlorite-Epidote altered Quartz-Feldspar |
| FFR26248 | 472828 | 6888139 | 380 | Quartz Vein       | Quartz                                   |
| FFR26249 | 472775 | 6888238 | 376 | Quartz Vein       | Quartz                                   |
| FFR26250 | 472678 | 6888300 | 383 | Altered Granitoid | Chlorite-Epidote altered Quartz-Feldspar |
| FFR26253 | 472672 | 6888180 | 380 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26254 | 472672 | 6888155 | 381 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26256 | 472716 | 6888050 | 379 | Quartz Vein       | Quartz                                   |
| FFR26257 | 472665 | 6888024 | 374 | Quartz Vein       | Quartz                                   |
| FFR26259 | 472640 | 6888051 | 376 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26260 | 472644 | 6888093 | 379 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26265 | 472596 | 6888352 | 382 | Pegmatite         | Quartz-Feldspar                          |
| FFR26272 | 472414 | 6888459 | 386 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26273 | 472468 | 6888336 | 381 | Pegmatite         | Quartz-Feldspar                          |
| FFR26274 | 472477 | 6888313 | 378 | Quartz Vein       | Quartz-(Beryl?)                          |
| FFR26275 | 472548 | 6888215 | 382 | Quartz Vein       | Quartz                                   |
| FFR26276 | 472524 | 6888181 | 385 | Quartz Vein       | Quartz-Feldspar, minor muscovite         |
| FFR26277 | 472491 | 6888150 | 383 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26278 | 472531 | 6888052 | 383 | Quartz Vein       | Quartz                                   |
| FFR26279 | 472585 | 6888045 | 382 | Quartz Vein       | Quartz                                   |
| FFR26280 | 472604 | 6888056 | 384 | Quartz Vein       | Quartz                                   |
| FFR26281 | 472656 | 6887987 | 382 | Quartz Vein       | Quartz                                   |
| FFR26282 | 472622 | 6887963 | 379 | Quartz Vein       | Quartz                                   |
| FFR26283 | 473275 | 6887961 | 379 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26284 | 473312 | 6887931 | 379 | Pegmatite         | Quartz-Feldspar                          |
| FFR26285 | 473373 | 6887950 | 380 | Pegmatite         | Quartz-Feldspar                          |
| FFR26286 | 473417 | 6887964 | 385 | Pegmatite         | Quartz-Feldspar                          |
| FFR26287 | 473497 | 6888002 | 382 | Pegmatite         | Quartz-Feldspar                          |
| FFR26288 | 473547 | 6887995 | 383 | Pegmatite         | Quartz-Feldspar                          |
| FFR26289 | 473577 | 6887935 | 387 | Quartz Vein       | Quartz                                   |
| FFR26290 | 473619 | 6887995 | 387 | Quartz Vein       | Quartz                                   |
| FFR26291 | 473742 | 6887833 | 387 | Pegmatite         | Quartz-Feldspar-(Beryl?)                 |
| FFR26292 | 473823 | 6887896 | 398 | Pegmatite         | Quartz-Feldspar                          |
| FFR26294 | 473173 | 6887329 | 384 | Altered Granitoid | Chlorite-Epidote altered Quartz-Feldspar |
| FFR26295 | 473280 | 6887158 | 378 | Altered Granitoid | Chlorite-Epidote altered Quartz-Feldspar |
| FFR26296 | 473268 | 6887282 | 380 | Quartz Vein       | Quartz                                   |
| FFR26297 | 473126 | 6887390 | 386 | Altered Granitoid | Chlorite-Epidote altered Quartz-Feldspar |
| FFR26298 | 473397 | 6887752 | 379 | Pegmatite         | Quartz-Feldspar                          |
| FFR26299 | 473471 | 6887724 | 381 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26301 | 473688 | 6887694 | 388 | Pegmatite         | Quartz-Feldspar-Muscovite                |
| FFR26302 | 473735 | 6887660 | 388 | Pegmatite         | Quartz-Feldspar, minor muscovite         |
| FFR26303 | 473626 | 6888221 | 383 | Pegmatite         | Quartz-Feldspar                          |

|          |        |         |     |             |                                  |
|----------|--------|---------|-----|-------------|----------------------------------|
| FFR26307 | 473814 | 6888365 | 396 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26309 | 473714 | 6888204 | 387 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26310 | 473497 | 6888325 | 388 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26311 | 473428 | 6888336 | 394 | Quartz Vein | Quartz-Feldspar                  |
| FFR26312 | 473404 | 6888304 | 396 | Pegmatite   | Quartz-Feldspar                  |
| FFR26313 | 473370 | 6888294 | 393 | Pegmatite   | Epidote-Quartz-Feldspar          |
| FFR26314 | 473344 | 6888299 | 386 | Pegmatite   | Quartz-Feldspar                  |
| FFR26315 | 473487 | 6888231 | 391 | Granitoid   | Quartz-Feldspar                  |
| FFR26316 | 473517 | 6888167 | 381 | Pegmatite   | Quartz-Feldspar                  |
| FFR26317 | 473396 | 6888110 | 373 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26318 | 473316 | 6888157 | 377 | Pegmatite   | Quartz-Feldspar                  |
| FFR26320 | 472664 | 6888591 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26321 | 472539 | 6888670 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26322 | 472597 | 6888600 | 388 | Pegmatite   | Quartz-Feldspar                  |
| FFR26324 | 472564 | 6888827 | 387 | Granitoid   | Quartz-Feldspar                  |
| FFR26325 | 472436 | 6888656 | 386 | Granitoid   | Quartz-Feldspar                  |
| FFR26326 | 472487 | 6888599 | 383 | Pegmatite   | Quartz-Feldspar                  |
| FFR26327 | 472739 | 6888603 | 391 | Pegmatite   | Quartz-Feldspar                  |
| FFR26328 | 472880 | 6888626 | 394 | Pegmatite   | Quartz-Feldspar                  |
| FFR26329 | 473164 | 6888374 | 387 | Pegmatite   | Quartz-Feldspar                  |
| FFR26330 | 473179 | 6888286 | 384 | Pegmatite   | Quartz-Feldspar                  |
| FFR26331 | 473192 | 6888270 | 382 | Pegmatite   | Quartz-Feldspar                  |
| FFR26332 | 473244 | 6888279 | 377 | Pegmatite   | Quartz-Feldspar                  |
| FFR26333 | 473148 | 6888238 | 383 | Pegmatite   | Quartz-Feldspar                  |
| FFR26334 | 473145 | 6888261 | 386 | Pegmatite   | Quartz-Feldspar                  |
| FFR26335 | 473177 | 6888219 | 378 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26336 | 473105 | 6888301 | 391 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26337 | 473039 | 6888362 | 392 | Pegmatite   | Quartz-Feldspar                  |
| FFR26338 | 473007 | 6888359 | 393 | Pegmatite   | Quartz-Feldspar, minor muscovite |
| FFR26339 | 472949 | 6888413 | 399 | Pegmatite   | Quartz-Feldspar                  |
| FFR26340 | 473024 | 6888552 | 402 | Pegmatite   | Quartz-Feldspar                  |
| FFR26341 | 473010 | 6888592 | 402 | Quartz Vein | Quartz                           |
| FFR26342 | 473020 | 6888606 | 402 | Pegmatite   | Quartz-Feldspar                  |

## Appendix 2 - JORC Code, 2012 Edition Table 1

### Section 1 Sampling Techniques and Data

(Criteria In this section applies to all succeeding sections)

| Criteria                    | JORC Code explanation   | Commentary   |
|-----------------------------|---|--|
| Sampling techniques         | <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> | <p>Rock Chip Samples:</p> <ul style="list-style-type: none"> <li>A total of 231 rock chip samples were collected across various geological units- pegmatite, quartz veining, granite, greenstone</li> <li>This release reports results and details for all samples.</li> <li>Samples were collected as composite channel samples across geological units ie. from contact to contact, with the x, y coordinate recorded at the centre point of the composite sample. This technique ensured that a representative sample was taken from each geological unit.</li> <li>Samples were nominally 3.0kg, and these were subsequently crushed, split and pulverised at the laboratory before analysis.</li> </ul> |
| Drilling techniques         | <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 Reported</li> </ul>   |
| Drill sample recovery       | <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>No Drilling Reported</li> </ul>   |
| 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>Rock chip samples have been logged by the mapping geologist with observations for the following attributes recorded: <ul style="list-style-type: none"> <li>Lithology</li> <li>Structure</li> <li>Texture</li> <li>Alteration</li> <li>Mineralogy</li> <li>Other observations as appropriate</li> </ul> </li> <li>A representative chip tray containing chip samples was retained for each channel sample.</li> </ul>   |
| Sub-sampling techniques and | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> </ul>   | <ul style="list-style-type: none"> <li>Whole rock chip channel samples were submitted to the laboratory where samples were pulverised, split and a representative sub-sample sample attained for</li> </ul>  |



| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
| <i>sample preparation</i>                         | <ul style="list-style-type: none"> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul> | <ul style="list-style-type: none"> <li>analysis.</li> <li>Rock chip sampling was completed across the width of each identified geological unit, ie. a 3-5kg channel sample taken, which is considered representative of in-situ material collected.</li> <li>No field duplicates were taken.</li> <li>Sample sizes are considered appropriate to the grain size of the material being sampled.</li> </ul>   |
| <i>Quality of assay data and laboratory tests</i> | <ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>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.</i></li> <li><i>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.</i></li> </ul>         | <ul style="list-style-type: none"> <li>Samples were submitted to North Australian Laboratories (NAL) where they were subjected to industry standard sample preparation and multielement analysis.</li> <li>Assay techniques used (ICP-OES and ICP-MS) are considered total digestion.</li> <li>Elements assayed for include Ag, Al, As, Ba, Ca, Cu, Fe, K, Li, Mg, Mn, Na, P, Pb, S, Ti, V &amp; Zn by ICP-OES and Be, Bi, Cs, Mo, Nb, Rb, Sb, Sn, Sr, Ta, U by ICP-MS. The laboratory conducted QAQC analysis on its own standards and blanks.</li> <li>The Company has not undertaken any QAQC analysis, nor has it inserted any standards or blanks to test the laboratory for accuracy or bias.</li> </ul>  |
| <i>Verification of sampling and assaying</i>      | <ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>   | <ul style="list-style-type: none"> <li>No verification of significant intersections has been conducted by Firetail. All data reported in this release is from surface rock chip sampling.</li> <li>At least two Firetail company personnel have been to site and reviewed rock chip sample locations and sampling methods.</li> <li>Primary field mapping and rock chip sampling information is entered into excel spreadsheets and then loaded into an acQuire geological database where validation tools are used on import to ensure no errors.</li> <li>Assay files are loaded into the geological database in their raw format from the laboratory and merged with sample information.</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><i>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.</i></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>  | <ul style="list-style-type: none"> <li>All coordinates used by the company are based on MGA zone 50 reference grid based on geodetical datum GDA94.</li> <li>Rock chips samples were located using a handheld GPS received with a typical horizontal accuracy of +/-5m.</li> </ul>  |
| <i>Data spacing and distribution</i>              | <ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Samples were not spaced on a regular pattern; however, they are considered broadly representative of lithological units.</li> <li>Samples are considered appropriate for geological and geochemical interpretation but are not considered appropriate for resource estimation purposes.</li> </ul>   |

| Criteria   | JORC Code explanation  | Commentary   |
|--|--|--|
| <i>Orientation of data in relation to geological structure</i> | <ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul> | <ul style="list-style-type: none"> <li>Sampling orientation is considered to be unbiased and is nominally perpendicular to the mapped geological units.</li> <li>No drilling has been completed, and mineralisation controls/ orientation is not yet fully understood.</li> </ul>                                  |
| <i>Sample security</i>   | <ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Samples were collected by field geologist and placed in calico bags with the sample number written on it.</li> <li>Calico bags were placed within larger green plastic bags before being delivered to the courier company depot for transport to the laboratory.</li> </ul> |
| <i>Audits or reviews</i>                                       | <ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>   | <ul style="list-style-type: none"> <li>No Audits or reviews have been 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   |
|---|--|--|
| Mineral tenement and land tenure status | <ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of 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>Firetail Resources has the Lithium Rights over the Yalgoo Project, as part of an agreement with the landholder, Gascoyne Resources (refer to the Company Prospectus released to ASX 11th April 2022).</li> <li>The Yalgoo Project is situated north of the township of Yalgoo and is approximately 110 km west of Mt Magnet in the Murchison region of Western Australia.</li> <li>The Yalgoo Project is located within the Yalgoo Mineral Field and includes the historical mining centres of Noongal, Yalgoo and Carlaminda.</li> <li>All tenements are 100% held by Gascoyne Resources (or its subsidiaries) and are in good standing with no known impediment to future granting of a mining lease.</li> </ul>  |
| Exploration done by other parties       | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>  | <ul style="list-style-type: none"> <li>Exploration and mining activity in the region commenced in 1894 with relatively small-scale gold production. This was followed by several phases in the 1890s to early 1900s, and then again in the 1930s when subsequent gold mining additionally occurred. Modern gold exploration commenced in the 1980s, and several small mining enterprises conducted predominantly small-scale underground gold mining.</li> <li>Historical Mindex records identified lithium (Li), tantalum (Ta), tin (Sn), beryllium (Be) and rubidium (Rb) occurrences within the boundary of the tenements. In terms of pegmatite-focused exploration, prospecting style activities include small pits and excavations focused on beryl, bismuth, tungsten, topaz, and lithium.</li> <li>Tenure surrounds the Johnson Well Mine which is host to lithium, caesium, and rubidium; currently operating to recover gem-quality lepidolite.</li> <li>A limited rock chip sampling program targeting pegmatites was conducted in 2016 within the E59/2077 tenement. Sampling was conducted across 'Lithium Show' Pegmatite between granite and greenstone units.</li> <li>Other than a limited rock chip sampling program conducted in 2016, no systematic exploration has previously been undertaken to target the lithium potential of the Yalgoo Project.</li> </ul> |
| Geology                                 | <ul style="list-style-type: none"> <li>Deposit type, geological setting, and style of mineralisation.</li> </ul>   | <ul style="list-style-type: none"> <li>The Yalgoo Project is located within the Yalgoo Greenstone Belt of the Murchison Province, which occupies the western portion of the Yilgarn Craton. Major regional shear zones bound the greenstone belt to the east and west. The geology of the Yalgoo Project comprises dominantly mafic rocks and granites. The principal economic mineralisation in the area historically has been gold, and there has also been some exploration for copper and nickel. Complex pegmatites and porphyries associated with the Lydia Granite include scheelite, beryl, and lepidolite. The Yalgoo region is considered prospective for LCT type pegmatite deposits. Tenure surrounds the Johnson Well Mine, which is host to lithium, caesium, and rubidium.</li> </ul>   |
| Drill hole Information                  | <ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following</li> </ul>  | <ul style="list-style-type: none"> <li>No drilling reported.</li> <li>All details for rock chip samples have been included</li> </ul>  |



| Criteria   | JORC Code explanation   | Commentary   |
|--|---|--|
|  | <p>information for all Material drill holes:</p> <ul style="list-style-type: none"> <li>o easting and northing of the drill hole collar</li> <li>o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>o dip and azimuth of the hole</li> <li>o down hole length and interception depth</li> <li>o hole length.</li> </ul> <p>• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</p> | <p>in the body of this announcement. Refer to Table 1 for rock chip details.</p> <ul style="list-style-type: none"> <li>• No information has been excluded.</li> </ul>                             |
| Data aggregation methods   | <ul style="list-style-type: none"> <li>• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>• Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>       | <ul style="list-style-type: none"> <li>• No data aggregation has been completed on assay results.</li> </ul>   |
| Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>   | <ul style="list-style-type: none"> <li>• No drilling intercepts reported.</li> </ul>   |
| Diagrams   | <ul style="list-style-type: none"> <li>• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>  | <ul style="list-style-type: none"> <li>• Maps are included in the body of the announcement.</li> </ul>   |
| Balanced reporting   | <ul style="list-style-type: none"> <li>• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>   | <ul style="list-style-type: none"> <li>• All results have been reported.</li> </ul>  |
| Other substantive exploration data                               | <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>• Geological observations from mapping have been included in the body of this release.</li> </ul>   |
| Further work   | <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</li> </ul>   | <ul style="list-style-type: none"> <li>• Further work will include extending mapping coverage, analysing surface geochemical results to vector towards LCT mineralisation, undertake RC</li> </ul> |

| Criteria | JORC Code explanation  | Commentary   |
|----------|--|--|
|          | <i>drilling).</i> <ul style="list-style-type: none"> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul> | drilling over high priority target areas. <ul style="list-style-type: none"> <li>Diagrams highlighting areas considered prospective for LCT mineralisation in pegmatites are included in the body of the release.</li> </ul> |