

# Week 2 – How Does ESG Fit into the Critical Minerals Development Industry for Lithium Companies

written by InvestorNews | February 27, 2023

The process of contacting key Australian Stock Exchange-listed Critical Minerals companies to get their views on ESG continued this week. I am looking to assuage the concerns of some of our stakeholders as to the ESG credentials of those Australia-based organizations that are in a position to supply and value add to the Critical Minerals shortage the world is now facing.

The questions are not designed as a platform for investment decisions, but as an important step towards letting you know what their values are, what their achievements have been, and where they see our industry heading. The reference table will include the company name, the ASX Ticker code, their website reference, their current Market Capitalisation, and their response to the ESG questionnaire.

The reference table will include all of the Australia-based companies that qualify for the Australian Critical Minerals Strategy referenced below.

[2022 Critical Minerals Strategy](#)

The survey questions were:

1. A brief description of your activities
2. How do you define ESG?
3. What should stakeholders be aware of in your approach to

ESG?

4. How do you see ESG becoming an important function in the future?
5. Do you have any ESG lessons learned that you may wish to share?

I have updated the Rare Earths reference table but have received no responses as yet. (*See Appendix A: Rare Earths Table.*)

Below is the Lithium reference table. In the next issue, we will add the Vanadium table, followed by the Cobalt table. Each issue will allow access to the tables via links and similarly with the ESG responses from the queried companies.

## Lithium Company Table

| <b>Lithium Company<br/>(Ticker link to Share Price History)</b> | <b>Web Site</b>                                                            | <b>Mkt Cap<br/>AUS\$<br/>(Feb 25, 2023)</b> | <b>ESG Response</b> |
|-----------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------|---------------------|
| Aurora Energy Metals Ltd<br>( <a href="#">ASX: 1AE</a> )        | <a href="http://www.auroraenergymetals.com">www.auroraenergymetals.com</a> | \$14.73M                                    |                     |
| Australasian Metals Ltd<br>( <a href="#">ASX: A8G</a> )         | <a href="http://www.australasiangold.com">www.australasiangold.com</a>     | \$8.86M                                     |                     |
| Ardiden Ltd<br>( <a href="#">ASX: ADV</a> )                     | <a href="http://www.ardiden.com.au">www.ardiden.com.au</a>                 | \$13.17M                                    |                     |
| Argosy Minerals Ltd<br>( <a href="#">ASX: AGY</a> )             | <a href="http://www.argosyminerals.com.au">www.argosyminerals.com.au</a>   | \$1.08B                                     | Queried Feb 26      |

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|------------------------------------------------------|----------------------------------------------------------------------------------|-----------|-------------------|
| Allkem ( <a href="#">ASX: AKE</a> )                  | <a href="http://www.allkem.co">www.allkem.co</a>                                 | \$7.58B   | Queried<br>Feb 26 |
| Arrow Minerals Ltd ( <a href="#">ASX: AMD</a> )      | <a href="http://www.arrowminerals.com">www.arrowminerals.com</a>                 | \$12.67M  |                   |
| Anson Resources Ltd ( <a href="#">ASX: ASN</a> )     | <a href="http://www.ansonresources.com">www.ansonresources.com</a>               | \$241.76M |                   |
| Australian Vanadium Ltd ( <a href="#">ASX: AVL</a> ) | <a href="http://www.australianvanadium.com.au">www.australianvanadium.com.au</a> | \$144.29M |                   |
| BMG Resources Ltd ( <a href="#">ASX: BMG</a> )       | <a href="http://www.bmgil.com.au">www.bmgil.com.au</a>                           | \$7.57M   |                   |
| Benz Mining Corp ( <a href="#">ASX: BNZ</a> )        | <a href="http://www.benzmining.com">www.benzmining.com</a>                       | \$52.06M  |                   |
| Boadicea Resources Ltd ( <a href="#">ASX: BOA</a> )  | <a href="http://www.boadicea.net.au">www.boadicea.net.au</a>                     | \$7.38M   |                   |
| Cullen Resources Ltd ( <a href="#">ASX: CUL</a> )    | <a href="http://www.cullenresources.com.au">www.cullenresources.com.au</a>       | \$5.30M   |                   |
| Core Lithium Ltd ( <a href="#">ASX: CX0</a> )        | <a href="http://www.corelithium.com.au">www.corelithium.com.au</a>               | \$1.79B   | Queried<br>Feb 26 |
| De Grey Mining Ltd ( <a href="#">ASX: DEG</a> )      | <a href="http://www.degremining.com.au">www.degremining.com.au</a>               | \$2.07B   | Queried<br>Feb 26 |
| Devex Resources Ltd ( <a href="#">ASX: DEV</a> )     | <a href="http://www.devexresources.com.au">www.devexresources.com.au</a>         | \$96.44M  |                   |

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| Dart Mining<br>NL ( <a href="#">ASX: DTM</a> )                             | <a href="http://www.dartmining.com.au">www.dartmining.com.au</a>           | \$7.52M   |  |
| European<br>Metals<br>Holdings Ltd<br>( <a href="#">ASX: EMH</a> )         | <a href="http://www.europeanmet.com">www.europeanmet.com</a>               | GBP74.34M |  |
| Essential<br>Metals Ltd<br>( <a href="#">ASX: ESS</a> )                    | <a href="http://www.essmetals.com.au">www.essmetals.com.au</a>             | \$131.12M |  |
| European<br>Lithium Ltd<br>( <a href="#">ASX: EUR</a> )                    | <a href="http://www.europeanlithium.com">www.europeanlithium.com</a>       | \$101.45M |  |
| EV Resources<br>Ltd ( <a href="#">ASX:<br/>EVR</a> )                       | <a href="http://www.evresources.com.au">www.evresources.com.au</a>         | \$10.53M  |  |
| Global<br>Lithium<br>Resources Ltd<br>( <a href="#">ASX: GL1</a> )         | <a href="http://www.globallithium.com.au">www.globallithium.com.au</a>     | \$333.62M |  |
| Galan Lithium<br>Ltd ( <a href="#">ASX:<br/>GLN</a> )                      | <a href="http://www.galanlithium.com.au">www.galanlithium.com.au</a>       | \$352.95M |  |
| Hannans Ltd<br>( <a href="#">ASX: HNR</a> )                                | <a href="http://www.hannans.com">www.hannans.com</a>                       | \$42.50M  |  |
| Hawkstone<br>Mining Ltd<br>( <a href="#">ASX: HWK</a> )                    | <a href="http://www.hawkstonemining.com.au">www.hawkstonemining.com.au</a> | \$153.88M |  |
| Infinity<br>Lithium<br>Corporation<br>Ltd ( <a href="#">ASX:<br/>INF</a> ) | <a href="http://www.infinitylithium.com">www.infinitylithium.com</a>       | \$48.57M  |  |

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| Ioneer Ltd<br>(ASX: INR)                            | <a href="http://www.ioneer.com">www.ioneer.com</a>                                       | \$786.88M | Queried<br>Feb 26 |
| Jindalee<br>Resources Ltd<br>(ASX: JRL)             | <a href="http://www.jindalee.net">www.jindalee.net</a>                                   | \$141.15M |                   |
| Korab<br>Resources Ltd<br>(ASX: KOR)                | <a href="http://www.korabresources.com.au">www.korabresources.com.au</a>                 | \$8.08M   |                   |
| Krakatoa<br>Resources Ltd<br>(ASX: KTA)             | <a href="http://www.ktaresources.com">www.ktaresources.com</a>                           | \$13.79M  |                   |
| Li-S Energy<br>Ltd (ASX:<br>LIS)                    | <a href="http://www.lis.energy">www.lis.energy</a>                                       | \$50.66M  |                   |
| Lithium<br>Australia Ltd<br>(ASX: LIT)              | <a href="http://www.lithium-au.com">www.lithium-au.com</a>                               | \$51.32M  |                   |
| Lake<br>Resources NL<br>(ASX: LKE)                  | <a href="http://www.lakeresources.com.au">www.lakeresources.com.au</a>                   | \$866.22M | Queried<br>Feb 26 |
| Lanthanein<br>Resources Ltd<br>(ASX: LNR)           | <a href="http://www.lanthanein.com">www.lanthanein.com</a>                               | \$21.31M  |                   |
| Lepidico Ltd<br>(ASX: LPD)                          | <a href="http://www.lepidico.com">www.lepidico.com</a>                                   | \$85.92M  |                   |
| Lithium Power<br>International<br>Ltd (ASX:<br>LPI) | <a href="http://www.lithiumpowerinternational.com">www.lithiumpowerinternational.com</a> | \$229.62M |                   |
| Latin<br>Resources Ltd<br>(ASX: LRS)                | <a href="http://www.latinresources.com.au">www.latinresources.com.au</a>                 | \$242.62M |                   |

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| Liontown Resources Ltd<br>(ASX: LTR)  | <a href="http://www.ltresources.com.au">www.ltresources.com.au</a>           | \$2.99B   | Queried<br>Feb 26 |
| Mineral Resources Ltd<br>(ASX: MIN)   | <a href="http://www.mineralresources.com.au">www.mineralresources.com.au</a> | \$16.21B  | Queried<br>Feb 26 |
| Metals Australia Ltd<br>(ASX: MLS)    | <a href="http://www.metalsaustralia.com.au">www.metalsaustralia.com.au</a>   | \$29.74M  |                   |
| Marquee Resources Ltd<br>(ASX: MQR)   | <a href="http://www.marqueeresources.com.au">www.marqueeresources.com.au</a> | \$10.14M  |                   |
| Morella Corporation Ltd<br>(ASX: 1MC) | <a href="http://www.morellacorp.com">www.morellacorp.com</a>                 | \$67.08M  |                   |
| Neometals Ltd<br>(ASX: NMT)           | <a href="http://www.neometals.com.au">www.neometals.com.au</a>               | \$444.96M | Queried<br>Feb 26 |
| Nova Minerals Ltd<br>(ASX: NVA)       | <a href="http://www.novaminerals.com.au">www.novaminerals.com.au</a>         | \$117.63M |                   |
| Piedmont Lithium Inc<br>(ASX: PLL)    | <a href="http://www.piedmontlithium.com">www.piedmontlithium.com</a>         | \$1.69B   | Queried<br>Feb 26 |
| Pilbara Minerals Ltd<br>(ASX: PLS)    | <a href="http://www.pilbaraminerals.com.au">www.pilbaraminerals.com.au</a>   | \$13.58B  | Queried<br>Feb 26 |
| Power Minerals Ltd<br>(ASX: PNN)      | <a href="http://www.pepinnini.com.au">www.pepinnini.com.au</a>               | \$32.51M  |                   |
| Poseidon Nickel Ltd<br>(ASX: POS)     | <a href="http://www.poseidon-nickel.com.au">www.poseidon-nickel.com.au</a>   | \$116.42M |                   |

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| Prospect Resources Ltd<br>(ASX: PSC)       | <a href="http://www.prospectresources.com.au">www.prospectresources.com.au</a>      | \$94.76M  |                   |
| Red Dirt Metals Ltd<br>(ASX: RDT)          | <a href="http://www.reddirtmetals.com.au">www.reddirtmetals.com.au</a>              | \$177.88M |                   |
| Rio Tinto Ltd<br>(ASX: RIO)                | <a href="http://www.riotinto.com">www.riotinto.com</a>                              | \$172.47B | Queried<br>Feb 26 |
| Reedy Lagoon Corporation Ltd<br>(ASX: RLC) | <a href="http://www.reedylagonn.com.au">www.reedylagonn.com.au</a>                  | \$4.53M   |                   |
| Strike Resources Ltd<br>(ASX: SRK)         | <a href="http://www.strikeresources.com.au">www.strikeresources.com.au</a>          | \$22.42M  |                   |
| Sayona Mining Ltd<br>(ASX: SYA)            | <a href="https://sayonamining.com.au/about/">https://sayonamining.com.au/about/</a> | \$2.04B   | Queried<br>Feb 26 |
| Taruga Minerals Ltd<br>(ASX: TAR)          | <a href="http://www.targunaminerals.com.au">www.targunaminerals.com.au</a>          | \$12.00M  |                   |
| Tempest Minerals Ltd<br>(ASX: TEM)         | <a href="http://www.tempestminerals.com">www.tempestminerals.com</a>                | \$13.35M  |                   |
| Traka Resources Ltd<br>(ASX: TKL)          | <a href="http://www.trakaresources.com">www.trakaresources.com</a>                  | \$5.06M   |                   |
| Todd River Resources Ltd<br>(ASX: TRT)     | <a href="http://www.trrltd.com.au">www.trrltd.com.au</a>                            | \$7.57M   |                   |

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| Venus Metals Corporation Ltd ( <a href="#">ASX: VMC</a> ) | <a href="http://www.venusmetals.com.au">www.venusmetals.com.au</a>       | \$25.82M  |                |
| Vulcan Energy Resources Ltd ( <a href="#">ASX: VUL</a> )  | <a href="http://www.v-er.com">www.v-er.com</a>                           | \$912.25M | Queried Feb 26 |
| Woomera Mining Ltd ( <a href="#">ASX: WML</a> )           | <a href="http://www.woomeramining.com.au">www.woomeramining.com.au</a>   | \$17.40M  |                |
| Zenith Minerals Ltd ( <a href="#">ASX: ZNC</a> )          | <a href="http://www.zenithminerals.com.au">www.zenithminerals.com.au</a> | \$79.13M  |                |

As an aside, if I was responsible for responding to the above query, I would also publish that response to the ASX and include it on the website for an ongoing reference.

## Appendix A: Rare Earths Table

| Rare Earths Company<br>(Ticker link to Share Price History) | Web Site                                                     | Mkt Cap<br>AUS\$<br>(Feb 26 2023) | ESG Response   |
|-------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------|----------------|
| Alpha Hpa Limited ( <a href="#">ASX: A4N</a> )              | <a href="http://www.Alphahpa.com.au">www.Alphahpa.com.au</a> | \$570.39M                         | Queried Feb 15 |
| ABX Group Limited ( <a href="#">ASX: ABX</a> )              | <a href="http://www.abxgroup.com.au">www.abxgroup.com.au</a> | \$29.07M                          |                |



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| Alkane Resources Limited<br>( <a href="#">ASX: ALK</a> )         | <a href="http://www.alkane.com.au">www.alkane.com.au</a>                                 | \$389.22M | Queried Feb 15 |
| Alchemy Resources Limited<br>( <a href="#">ASX: ALY</a> )        | <a href="http://www.alchemyresources.com.au">www.alchemyresources.com.au</a>             | \$18.85M  |                |
| American Rare Earths Limited<br>( <a href="#">ASX: ARR</a> )     | <a href="http://www.americanrareearths.com.au">www.americanrareearths.com.au</a>         | \$113.83M | Queried Feb 15 |
| Arafura Rare Earths Limited<br>( <a href="#">ASX: ARU</a> )      | <a href="http://www.arultd.com">www.arultd.com</a>                                       | \$1.33B   | Queried Feb 15 |
| Austin Metals Limited<br>( <a href="#">ASX: AYT</a> )            | <a href="http://www.austinmentals.com.au">www.austinmentals.com.au</a>                   | \$6.35M   |                |
| Australian Mines Limited<br>( <a href="#">ASX: AUZ</a> )         | <a href="http://www.australianmines.com.au">www.australianmines.com.au</a>               | \$26.27M  |                |
| Australian United Mining Limited<br>( <a href="#">ASX: AYM</a> ) | <a href="http://www.australianunitedmining.com.au">www.australianunitedmining.com.au</a> | \$5.53M   |                |

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| Australian Strategic Materials Limited<br>(ASX: ASM) | <a href="http://www.asm-au.com">www.asm-au.com</a>                               | \$283.40M | Queried Feb 15 |
| Encounter Resources Limited<br>(ASX: ENR)            | <a href="http://www.encounterresources.com.au">www.encounterresources.com.au</a> | \$49.77M  |                |
| Enova Mining Limited<br>(ASX: ENV)                   | <a href="http://www.enovamining.com">www.enovamining.com</a>                     | \$4.69M   |                |
| Hastings Technology Metals Limited<br>(ASX: HAS)     | <a href="http://www.hastingstechmetals.com">www.hastingstechmetals.com</a>       | \$329.40M | Queried Feb 15 |
| Iluka Resources Limited<br>(ASX: ILU)                | <a href="http://www.iluka.com">www.iluka.com</a>                                 | \$4.45B   | Queried Feb 15 |
| Ionic Rare Earths Limited<br>(ASX: IXR)              | <a href="http://www.ionicre.com.au">www.ionicre.com.au</a>                       | \$131.29M | Queried Feb 15 |
| Krakatoa Resources Limited<br>(ASX: KTA)             | <a href="http://www.ktaresources.com">www.ktaresources.com</a>                   | \$13.79M  |                |

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| Legacy Iron<br>Ore Limited<br>(ASX: LCY)          | <a href="http://www.legacyiron.com.au">www.legacyiron.com.au</a>             | \$102.51M | Queried<br>Feb 15 |
| Lindian<br>Resources<br>Limited<br>(ASX: LIN)     | <a href="http://www.lindianresources.com.au">www.lindianresources.com.au</a> | \$224.89M | Queried<br>Feb 15 |
| Lanthanein<br>Resources<br>Limited<br>(ASX: LNR)  | <a href="http://www.lanthanein.com">www.lanthanein.com</a>                   | \$22.43M  |                   |
| Lynas Rare<br>Earths<br>Limited<br>(ASX: LYC)     | <a href="http://www.lynasrareearths.com">www.lynasrareearths.com</a>         | \$7.69B   | Queried<br>Feb 15 |
| Minbos<br>Resources<br>Limited<br>(ASX: MNB)      | <a href="http://www.minbos.com">www.minbos.com</a>                           | \$100.12M | Queried<br>Feb 15 |
| Mount<br>Ridley<br>Mines<br>Limited<br>(ASX: MRD) | <a href="http://www.mtridleymines.com.au">www.mtridleymines.com.au</a>       | \$38.92M  |                   |
| Northern<br>Minerals<br>Limited<br>(ASX: NTU)     | <a href="http://www.northernminerals.com.au">www.northernminerals.com.au</a> | \$223.92M | Queried<br>Feb 15 |
| Nova<br>Minerals<br>Limited<br>(ASX: NVA)         | <a href="http://www.novaminerals.com.au">www.novaminerals.com.au</a>         | \$117.63M | Queried<br>Feb 15 |

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| Orion Metals Limited<br>(ASX: ORM)       | <a href="http://www.orionmetals.com.au">www.orionmetals.com.au</a>             | \$16.35M  |                |
| Peak Rare Earths Limited<br>(ASX: PEK)   | <a href="http://www.peakrareearths.com">www.peakrareearths.com</a>             | \$129.15M | Queried Feb 15 |
| Platina Resources Limited<br>(ASX: PGM)  | <a href="http://www.platinaresources.com.au">www.platinaresources.com.au</a>   | \$12.15M  |                |
| Prospect Resources Limited<br>(ASX: PSC) | <a href="http://www.prospectresources.com.au">www.prospectresources.com.au</a> | \$94.76M  |                |
| Petratherm Limited<br>(ASX: PTR)         | <a href="http://www.petratherm.com.au">www.petratherm.com.au</a>               | \$14.41M  |                |
| RareX Limited<br>(ASX: REE)              | <a href="http://www.clancyexploration.com">www.clancyexploration.com</a>       | \$30.13M  |                |
| Sunshine Gold Limited<br>(ASX: SHN)      | <a href="http://www.shngold.com.au">www.shngold.com.au</a>                     | \$13.86M  |                |
| Stavelly Minerals Limited<br>(ASX: SVY)  | <a href="http://www.stavelly.com.au">www.stavelly.com.au</a>                   | \$83.17M  |                |

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| Tempus Resources Ltd. ( <a href="#">ASX: TMR</a> )            | <a href="http://www.tempusresources.com.au">www.tempusresources.com.au</a> | \$12.11M  |                |
| Todd River Resources Limited ( <a href="#">ASX: TRT</a> )     | <a href="http://www.trrltd.com.au">www.trrltd.com.au</a>                   | \$9.46M   |                |
| Venus Metals Corporation Limited ( <a href="#">ASX: VMC</a> ) | <a href="http://www.venusmetals.com.au">www.venusmetals.com.au</a>         | \$24.93M  |                |
| Vital Metals Limited ( <a href="#">ASX: VML</a> )             | <a href="http://www.vitalmetals.com.au">www.vitalmetals.com.au</a>         | \$140.38M | Queried Feb 15 |