

# DIATREME RESOURCES

## ESG CASE STUDY

***Contributing to a cleaner energy future, ensuring diversity and inclusion in our workforce and keeping community engagement at the forefront.***



### **Introduction**

Headquartered in Brisbane and operating for over 14 years, Diatreme Resources is a public ASX-listed high purity silica minerals and exploration company with a current market cap ~circa \$70 million. Currently advancing a high purity silica project through final permitting and approvals in far north Qld, located north of Cooktown.

### **The Approach**

Diatreme is committed to realising the full potential of our mineral and silica sands assets while integrating the highest sustainable development practices. In 2021, Diatreme put in place an inclusive practices ESG model. The proposed development of an Indigenous Labour and Enterprise Solutions (ILES) and showing company commitment to a target of 60% Indigenous employees in the Mining Projects Agreement (MPA) are identified as two of our most innovative programs.

### **The Impact**

Diatreme aims to give back to the community by making a Life of Mine contribution of more than \$800 million to the local economy in wages, royalties and taxes.

Diatreme is developing programs that will:

- Develop sustainable production chains and businesses in partnership with traditional owners and the communities in which we operate
- Provide access to education and training and develop women in work support programs
- Align mining development and its broader environmental impacts with the Great Barrier Reef 2050 Plan objectives
- Drive innovation and technology for downstream opportunities by examining further “value add” processes onshore to supply high end specialty glass and electronic componentry industries.
- Mine high purity silica product with intended use in the manufacture of solar panels, based on estimated energy generation over the life of the panels could equate to taking 132 million cars off the road, or planting 34-291 million ha of trees or powering 38.7 million Australian households

Diatreme has developed a comprehensive sustainability roadmap. Early steps include conducting a detailed materiality assessment to establish baseline sustainability performance for the ESG issues identified in the studies undertaken, including in the Environmental and Social Impact Assessments.