

The Rio Tinto logo, consisting of the words "RioTinto" in white serif font on a red rectangular background.

RioTinto

RESOLVE

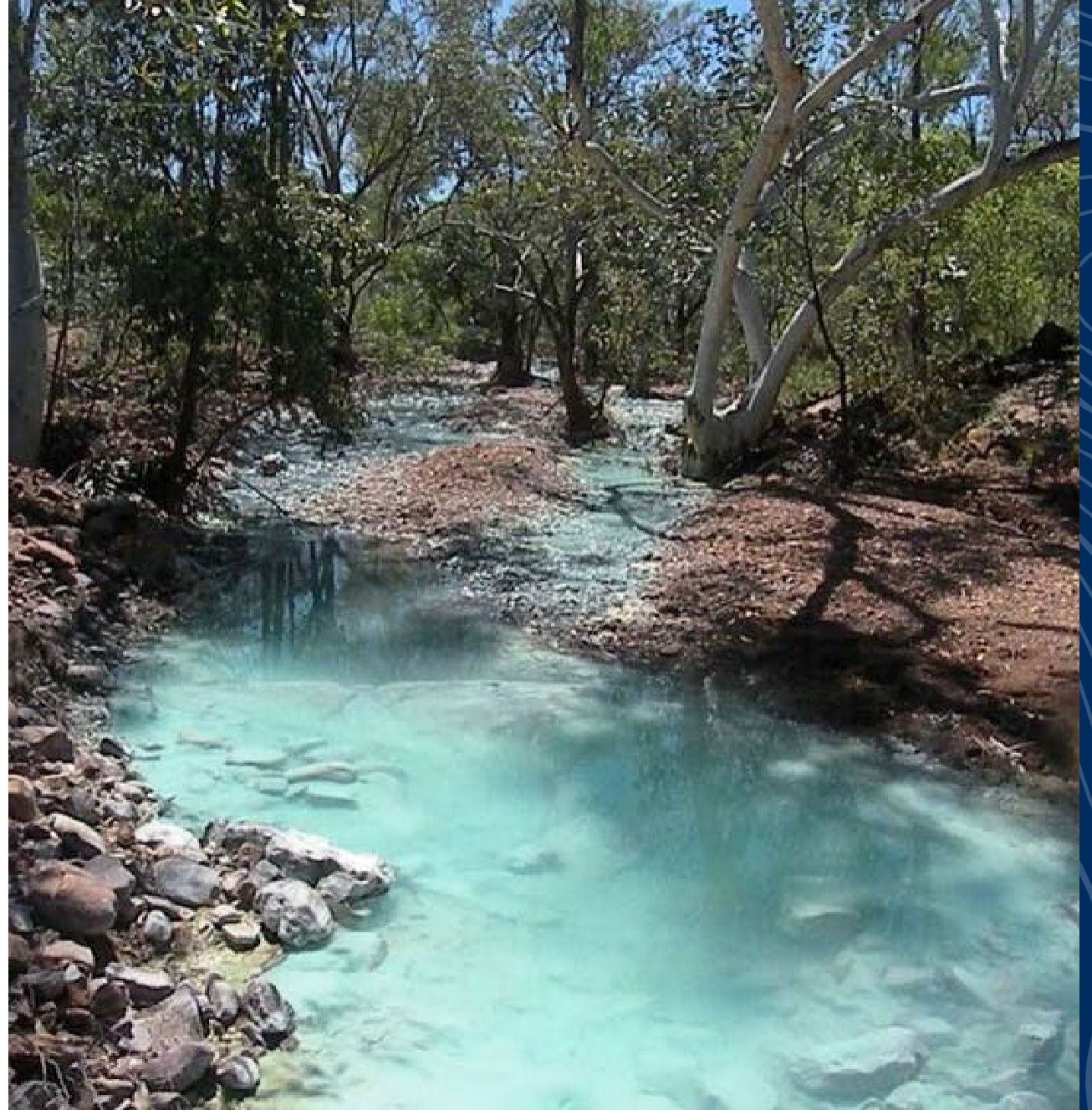
Regeneration Enterprises

A Social Enterprise Business

November 2021

The industry's global mining legacy

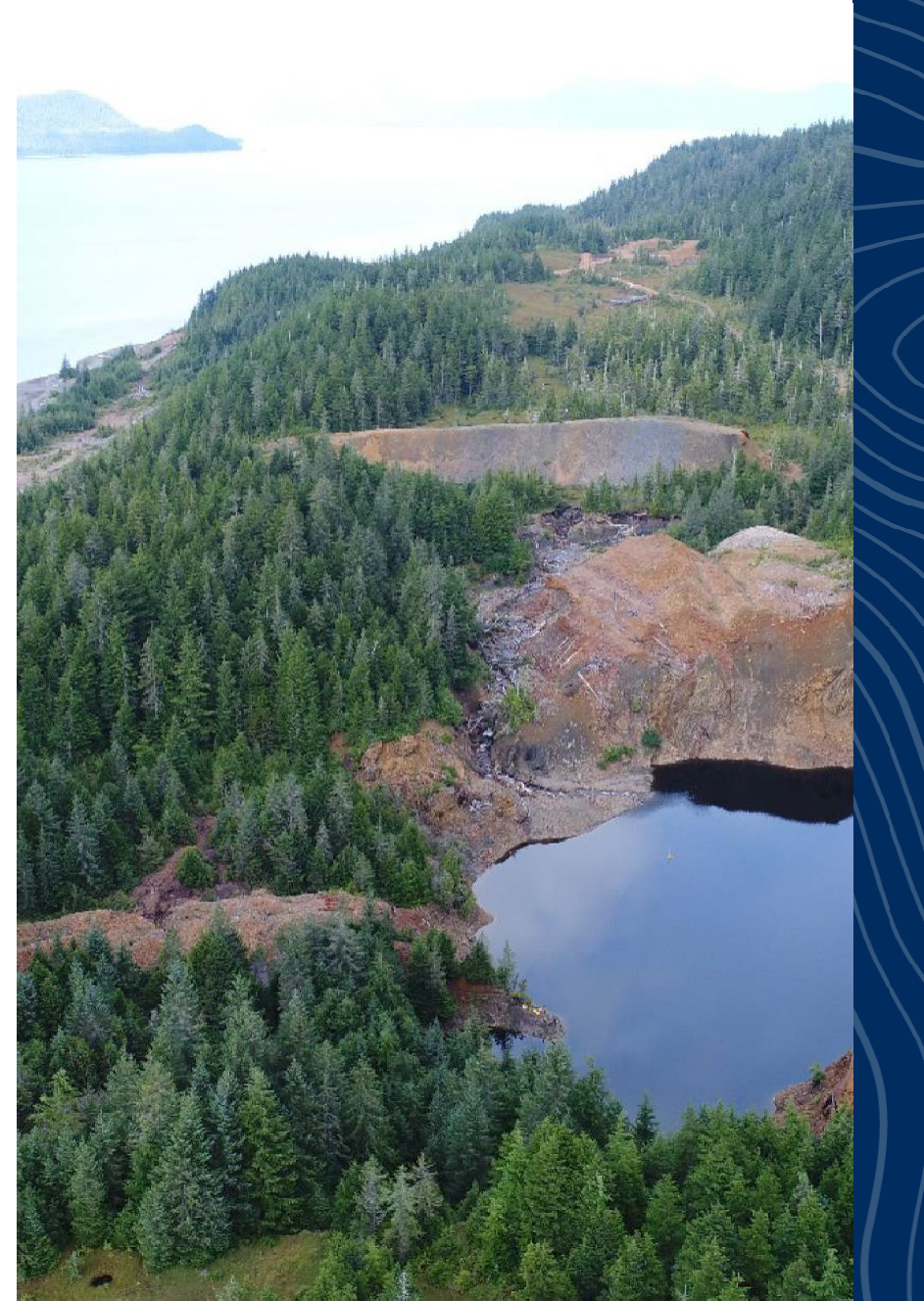
- Abandoned mines are largely historic, have no clear ownership and rarely meet current community and regulatory mine rehabilitation and closure expectations
- Abandoned mines pose material environmental, safety and health, social and socio-economic risks



Contamination at Caves Creek from the abandoned Mt Oxide Mine, QLD Australia – a non-Rio Tinto asset

Our closure portfolio

- At \$13.3 billion¹, closure is Rio Tinto's single largest liability
- Rio Tinto has 92 active legacy sites globally
- Closure execution work is underway at Argyle, Gove Refinery and at Ranger mine by Energy Resources of Australia



The Beatson Mine, Alaska

The Opportunity



A new model for closing legacy assets

- Aligns with Rio Tinto's strategy: carbon abatement, minerals and metals for a low carbon economy and our commitment to UN SDGs
- Employment and training opportunities for First Nations and Land connected peoples
- Provides unique opportunities for biodiversity enhancement
- 'Full value Mining' via secondary extraction such as reprocessing tailings
- Derive additional revenue through subsequent land, water, carbon, biodiversity assets
- Provide an environment to trial new technologies and drive collaborative research into innovative solutions to contamination problems which could guide the broader industry
- Enable scale of execution between remote sites that are co-located and may have different ownership structures

Key Differentiators

- **Full Value Mining:** Target minerals found in or near mine waste—left behind due to inefficiencies, limitations of technology, or lack of demand.
- **Technology Broker:** Use modern, responsible re-mining and treatment techniques to address legacy pollution and other impacts; match emerging mining and processing technologies to waste and ore bodies.
- **Restoration and Carbon Credits:** Identify iconic species that benefit from restoration at each site; restore habitat; produce and transact credits.
- **Indigenous and Community Consent through Partnership:** Create local jobs and rebrand legacy sites as a positive community and conservation story; work with tribal government, local businesses, and community leaders.
- **Product Stories:** Rally downstream tech and energy companies seeking supplies of biodiversity positive minerals support our projects.
- **Mining Innovators:** Partner with upstream mining leaders to kick-start Regeneration.
- **Brand Value:** Build the Regeneration brand; as we move through the pilot phase the enterprise becomes self-sustaining based on revenue from re-mining, restoration, and other sustainable economic activity; our brand value extends to partner companies.



Proof of Concept: The Salmon Gold™ Use Case

We have proof of concept. In 2019 RESOLVE launched Salmon Gold.

Placer tailing from previous gold mining can impact habitat for salmon and other fish species. We use a social impact strategy to put biodiversity-positive gold from Alaska, the Yukon, and British Columbia in supply chains by re-mining and restoring streams.

As Salmon Gold enters the market it meets the needs of downstream companies seeking responsibly sourced minerals and tells a positive story about natural resource development in the region; attracting miners, First Nations and Native Corporations, government agencies, conservationists, and others. Today Salmon Gold is in the products of Apple and Tiffany & Co. Salmon Gold was designed to pilot test key elements of the Regeneration model.

Regeneration Enterprises

A social impact enterprise dedicated to full value mining, restoration, and closure

