



## More Information on Salmon Gold

### WHAT HAS SALMON GOLD ACCOMPLISHED SO FAR?

Initiated in 2018 by RESOLVE, Salmon Gold has demonstrated proof-of-concept, completing our first two projects on Jack Wade Creek in the Fortymile River region of Alaska. In 2019, we have two additional sites operating, one in Alaska and one in the Yukon Territory, Canada. Salmon Gold aims to benefit communities and economies in the region, meet the needs of manufacturing and retail companies seeking responsibly sourced minerals that protect biodiversity, and bring in new sources of revenue for fish habitat restoration. Our partners include placer miners and Tiffany & Co. and Apple. Tiffany & Co. and Apple are featuring Salmon Gold in their products.

### WHAT IS PLACER GOLD MINING?

Placer deposits (pronounced “PLASS-er”) occur when minerals are washed, by weather or flooding, downslope into streams. The minerals settle in areas where the river current stalls. Placer mining is the mining of these deposits for minerals. Placer mining takes advantage of the density of minerals like gold, using water and gravity to separate the gold from the surrounding sediment. Placer mining typically requires no chemical processing.

### WHY IS SALMON GOLD RE-MINING?

Piles of soil and gravel from past placer mining operations have obstructed or changed the shape of many streams in Alaska and Western Canada, making streams inhospitable or impassable for migratory fish like salmon and grayling. Salmon Gold works with local placer mining partners to re-mine these areas, using modern methods to harvest any remaining gold, and then reclaim and restore the stream.



### WHAT IS STREAM RESTORATION?

Stream restoration re-establishes the physical shape of the stream and replaces lost vegetation following impacts to a stream from human activities such as mining. This sets the stage for the plants and animals that belong in the stream to return and thrive. For salmon and other migratory fish, stream restoration can recreate much-needed spawning habitat. Restoration can also reopen access to existing spawning habitat further upstream by removing mined material that had been blocking fish movement.

### HOW IS SALMON GOLD FUNDED?

A significant number of old placer mining sites are scattered across northwestern North America's streams. The unique collaboration of local placer miners, companies seeking responsible sources of gold for their products, and funders interested in restoration, makes restoring fish habitat feasible at some of these many dispersed locations. Salmon Gold currently relies on donated funds, including from our downstream partners, Apple and Tiffany & Co. In the future we will be seeking to scale up, looking for additional partners to support work at new sites, and establishing the eligibility of Salmon Gold restoration for mitigation funds.

### HOW WAS SALMON GOLD STARTED?

Salmon Gold was incubated by RESOLVE starting in 2015. We tested its viability with government agencies, placer miners, restoration experts, conservation groups, and others. With confirmed interest from in-region partners, we approached Apple and Tiffany & Co. about supporting the project and using the gold in their products, and identified our first pilot sites with placer mining partners.

### WHAT'S NEXT FOR SALMON GOLD? WHAT'S THE LONG-TERM GOAL?

We will work over the next three years to refine our approach at a number of pilot sites in the region, and produce more gold. Once we establish the most effective re-mining and restoration methods, supply chain arrangements, and other aspects of the project, will begin to operate at scale. As Salmon Gold expands, we will aim to improve habitat function at a watershed scale, and sell Salmon Gold to more manufacturing and retail partners. In the future, we hope to be able to support restoration projects with funding from mitigation, enabling Salmon Gold to operate as a self-sustaining enterprise.

### CAN THE MODEL WORK OUTSIDE OF THE REGION?

Yes. It can work wherever habitat restoration needs new incentives and partners to operate at scale.

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### WHICH PRODUCTS USE SALMON GOLD?

Apple and Tiffany & Co. have the first Salmon Gold in their products. In the future, as the project expands, we can add additional manufacturers and retailers.

### HOW IS SALMON GOLD TRANSACTED?

Gold from placer mining sites, in fine particles or Doré bars, is shipped to a refiner in the supply chain. RESOLVE helps the Salmon Gold partner with all the necessary due diligence and shipping to ensure a documented chain-of-custody from mine to the refiner.

For example, [PAMP](#), based in Switzerland, has long been a leader on sustainability and responsible supply chains. PAMP has played a leading role in the definition of the various standards developed for its industry, as well as for upstream and downstream industries. RESOLVE has long worked with PAMP on the [Public Private Alliance for Responsible Minerals Trade](#) and other responsible sourcing initiatives for many years.

“PAMP is key to due diligence and refining for Salmon Gold but, as importantly, they have been a thought leader, helping us develop the project concept. They are a committed partner that values responsible mining, communities near our sites, and thriving, healthy streams for salmon and other fish.”

Stephen D'Esposito, President & CEO, RESOLVE

### HOW CAN I FIND OUT MORE AND GET INVOLVED?

Visit the Salmon Gold website for the latest updates: [https://www.resolve.ngo/salmon\\_gold.htm](https://www.resolve.ngo/salmon_gold.htm)  
Or contact us directly:

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### WHO PARTICIPATES IN SALMON GOLD?

Salmon Gold is possible because of the leadership, support, and participation of a number of organizations, companies, and individuals. We would like to thank all of them, whether they are formal partners or participate in other ways.

#### *Retail and Manufacturing Companies*

Tiffany & Co. and Apple are project partners along with placer miners. We thank Tiffany & Co. and Apple for their willingness to participate in and support the idea of Salmon Gold from the earliest stages of the project, and for their leadership and commitment to responsible sourcing in their sectors.

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### *Placer Miners*

Placer miners are also project partners—we work at their sites on re-mining, restoration, and due diligence. Our current partners are Dean and Chris Race (Jack Wade Creek in the Fortymile, Alaska) Tod Bauer (Gold Creek, North of Talkeetna, Alaska), and Peter Wright (Sulphur Creek, the Yukon Territory, Canada).

### *Government Agencies*

The first phase of the project relied on a number of agencies for expertise and guidance. The US Bureau of Land Management in Alaska, especially the team focused on the Fortymile region, shared insights from its reclamation and restoration work. Alaska Fish and Game offered important suggestions on where to focus the search for pilot sites. The Yukon Geological Survey opened the door to Salmon Gold pilots in Canada. The Ministry of Energy, Mines & Petroleum Resources in British Columbia has engaged with us as we begin identifying potential sites in the province. We look forward to continued engagement with these agencies' staff, as well as their colleagues at the US Army Corps of Engineers and the US EPA.

### *Mining Companies*

Newmont Goldcorp is the first large scale mining company to support Salmon Gold. For larger companies, Salmon Gold is an opportunity to work with diverse partners to address legacy mining issues, strengthen relationships, and support development and use of advanced restoration methods and new tools.

Donlin Gold, working to build a gold-mining project in Alaska's Yukon-Kuskokwim region, is the first Alaska developer to support Salmon Gold. Salmon Gold is working with Donlin, Alaska Native corporations, and Alaska Native leaders to identify pilot projects in nearby areas.

Mining companies also bring mining and restoration expertise to the project. We appreciate the willingness of all of the major companies in the region to meet with us. We continue to explore opportunities with other companies in the region.

### *Conservation Groups*

The Nature Conservancy in Alaska hosted our Salmon Gold Fellow and offered expertise, insight, and introductions to key agency staff and placer miners. Leaders in the state and national offices of Trout Unlimited offered expertise and guidance. We thank all of the conservation leaders who have met with us over the last few years; your guidance has been and will continue to be invaluable.

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### *Mining Associations*

Salmon Gold is a member of the Alaska Miners Association as are some of our placer mining partners. We gained insight from its Annual Convention and look forward to attending next year. We appreciate the Fortymile Miners Association welcoming us to the region.

### *Donors and Advisory Council*

We thank our donors for backing this project and their continued support as we take Salmon Gold to scale. Special thanks to Ogilvy for its pro bono design and marketing support on this project. We also continue to benefit from the strategic insights and networks of a core group of advisors.

