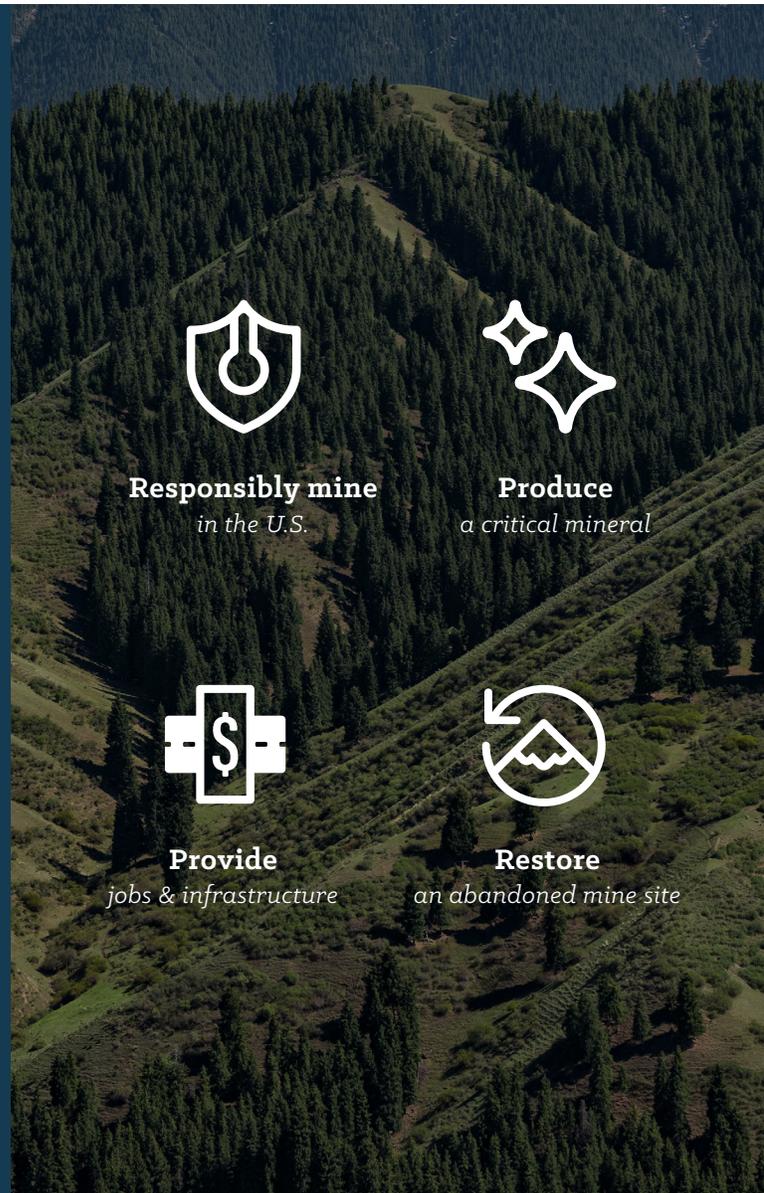


# Defining the Future of Mining in America

We are a team of Idahoans. Our state motto, *Esto Perpetua*, means "Let it be Perpetual," calling each one of us to be stewards of our vast resources so we may protect our beautiful state while providing for those we love. We recently changed our name from Midas Gold to Perpetua Resources to better describe who we are, what we do, and our dedication to Idaho.

## **Responsible Mining. Critical Resources. Environmental Restoration.**

At Perpetua Resources, we apply this philosophy to mining. We believe mining responsibly means doing our part to be stewards of the water, forests and wildlife in and around our project. We hold ourselves to the highest safety and environmental standards, work transparently, and partner with neighboring communities. By doing so, we provide the minerals we need for a more sustainable, secure future while also providing jobs to support families in rural Idaho.



**Responsibly mine**  
*in the U.S.*



**Produce**  
*a critical mineral*



**Provide**  
*jobs & infrastructure*



**Restore**  
*an abandoned mine site*

## Prosperity Through Stewardship

### **THE STIBNITE GOLD PROJECT**

Located in Idaho's historical Stibnite Mining District, the Stibnite Gold Project is designed to use responsible, modern mining by restoring an abandoned mine site and providing America with a supply of ethically sourced antimony and gold.

### **ENVIRONMENTAL RESTORATION**

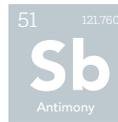
Abandoned after 100 years of mining activity, the historical Stibnite Mining District needs environmental repair. The Stibnite Gold Project addresses these legacy issues through the resources and capital brought by Perpetua Resource's modern mining practices. Solutions include a fish passage system that will allow migratory salmon and trout to reach historical spawning grounds for the first time in 80 years and permanent restoration of fish passage through the reconstruction of the East Fork South Fork of the Salmon River which currently flows into an abandoned mining pit.

### Benefits

- ✦ Restoration of legacy impact begins in first years of the project
- ✦ Restores fish migration to headwaters of the salmon river
- ✦ Improves water quality
- ✦ Addresses millions of tons of abandoned tailings and waste
- ✦ Footprint utilizes previously disturbed areas where possible

## CRITICAL MINERAL, ANTIMONY (Sb) (STIBNITE)

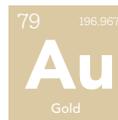
The Stibnite Gold Project is poised to be the only domestically mined source of antimony, a designated critical mineral. Antimony strengthens metal in munitions, is used in semiconductors, batteries, solar panels, and wind turbines and therefore plays an important role in our defense and energy industries. Recent studies point to antimony playing an even more substantial role in the development of battery storage technology needed for the green energy transition.



Today, China and Russia control the world's supply of antimony, leaving the U.S. without a direct source of this critical mineral. The Stibnite Gold Project provides a solution that is important to our national, economic, and environmental future.

## GOLD (Au)

Gold is often called the most useful metal on Earth. Gold is a key component in our everyday lives, from cell phones and GPS technology to medical devices, like pacemakers. In fact, only 38% of gold is used in jewelry. The rest is used in electronics and other daily products, and is an additional means for storing wealth.



## COMMUNITY IMPACT

The Stibnite Gold Project is expected to provide an average of 1,000 direct and indirect jobs to Idahoans. It will also improve the infrastructure of roads and powerlines in rural Idaho.

Through a commitment to accountability, transparency and partnership, we signed an agreement with eight local communities in 2019. The agreement obligates Perpetua Resources to work directly with community representatives regularly throughout the life of the project and to institute a community foundation that includes profit sharing, helping establish an enduring and sustainable trust.

## U.S. Standards are the Best Standards

Mined materials create the foundation of the products we use in modern life. Not only is it important to have steady access to these materials, but by producing them here in the United States, we can ensure the environmental, labor and ethical standards of production meet public expectations.

In fact, mines in the United States must meet some of the highest standards in the world, undergoing a rigorous, multi-year, science-based review process.

*“A low-carbon future will be very mineral intensive because clean energy technologies need more materials than fossil-fuel-based electricity generation technologies.”*

WORLD BANK, MINERALS FOR CLIMATE ACTION THE MINERAL INTENSITY OF THE CLEAN ENERGY TRANSITION, MAY 2020.

The proposed Plan of Restoration and Operations (PRO) for the Stibnite Gold Project was delivered to the U.S. Forest Service for review under the National Environmental Policy Act (NEPA) in 2016.

## Antimony

- ◆ 1 of 35 federally listed critical minerals
- ◆ Found in wind turbines, solar panels, cell phones, munitions, & batteries
- ◆ Antimony is essential to defense and energy industries today & emerging green energy battery storage technology
- ◆ There are no mined sources of antimony in the U.S.
- ◆ 92% antimony production is dominated by China (63%), Russia (19%) & Tajikistan (10%)
- ◆ Antimony is key to liquid metal battery storage solutions needed for a low carbon energy grid\*

\*HALLGARTEN AND COMPANY, ANTIMONY MOLTEN-SALT BATTERIES, THE NEW METAL IN MASS STORAGE, JAN 2021.

## Impact

- ◆ 500 direct jobs
- ◆ 72 miles of transmission line
- ◆ 37 miles of road upgrades
- ◆ >\$1b initial investment
- ◆ Community agreement with direct profit sharing to neighboring communities

## Standards

- ◆ 6 years of data analysis & engineering (2010-2016)
- ◆ 4+ years of regulatory review (2016-today)
- ◆ 11 local, state & federal agencies
- ◆ Ongoing consultation with Idaho tribes
- ◆ 75-day public comment period (2020)
- ◆ Majority of comments supported the project