

What Are Strategic Metals?

The Twin Metals Minnesota proposed underground mining project will produce minerals that are critical components of today's economy and to the development of sustainable green technologies such as windmills and hybrid vehicles. Copper, nickel, platinum, palladium and gold are essential to industries such as power generation, electronics, aerospace, food processing, construction, automotive and healthcare. For most people, strategic metals are within reach at any given moment.



Dependence on Imports

Americans depend on strategic metals throughout their daily lives. For example, a standard car has 42 pounds of copper and 9 pounds of nickel, while cell phones, computers and other personal communication devices contain copper, palladium and platinum.* Unfortunately, the U.S. is greatly dependent on other countries to supply these metals. The U.S. currently imports 100 percent of its nickel, 91 percent of its platinum and 32 percent of its copper.*



Opportunity Exists in Northern Minnesota

The Duluth Complex in northeastern Minnesota is estimated to contain more than 4 billion tons of copper, nickel and platinum group metal resources, the largest known undeveloped deposit of strategic metals in the world. Twin Metals Minnesota is strongly committed to developing an environmentally responsible underground mining project that will create hundreds – potentially thousands – of environmentally responsible jobs for generations of Minnesotans. All while supporting green energy technologies and reducing the U.S. dependence on mineral imports.

**Source: Mining Minnesota, www.miningminnesota.com*



For more information on Twin Metals Minnesota's project, please visit www.twin-metals.com.

The Twin Metals Minnesota "Mine Reader" is a biweekly source of information about its proposed underground copper, nickel, platinum, palladium and gold (strategic metals) mining project in northern Minnesota.

If you have a question about the project, please submit it to info@twin-metals.com. Thank you for your interest.

Did You Know: Every American born will need 2.96 million pounds of minerals, metals and fuels in their lifetime, according to the Mineral Information Institute, an affiliate of the SME Foundation. It's estimated each baby will use 935 pounds of copper, 27,810 pounds of iron ore and 40,508 pounds of other minerals and metals.