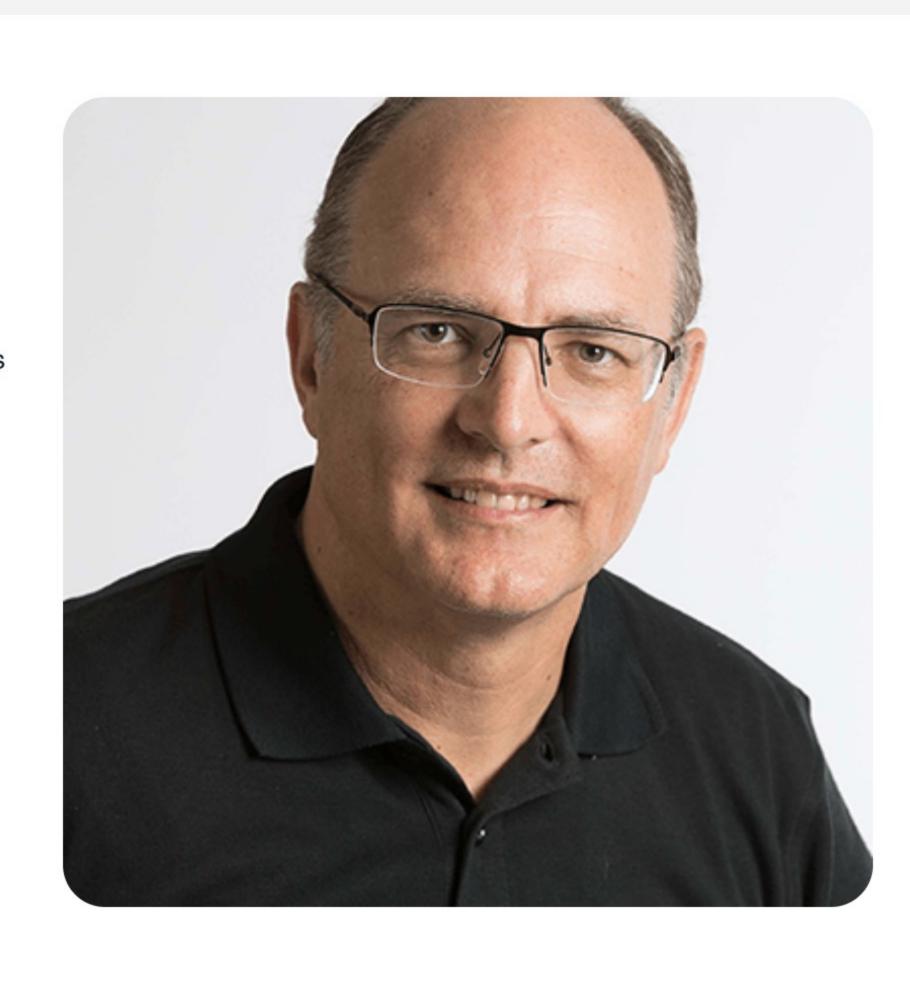


Hello, I'm Steven Sparkowich

Steven Sparkowich, PE is a Licensed Professional Metallurgical Engineer with a Bachelor of Science in Metallurgical Engineering from the Colorado School of Mines and a Graduate Certificate in Welding Engineering from the Ohio State University, and is considered a leading global expert on topics related to niobium and niobium alloys.

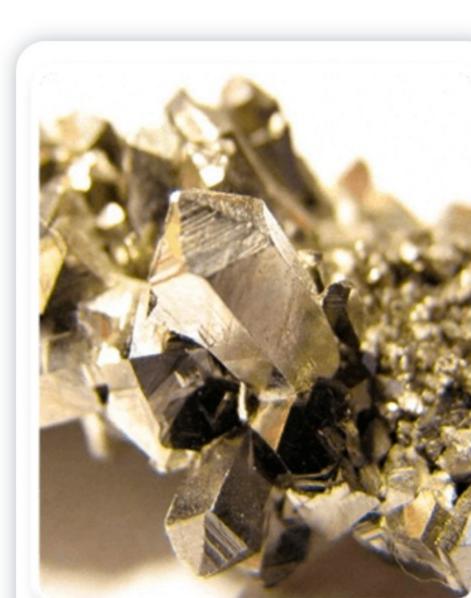
Steven has 25+ years of experience working with the refractory metals niobium, tantalum, molybdenum, tungsten and rhenium, as well as with the reactive metals titanium, zirconium, and hafnium.

Learn More



Top Focus Areas

Offering customized technical and market research services related to Niobium and Niobium-based alloys, chemicals, oxides and coatings.



Supply Chain

Global Supply Chain Advisory Insourcing Assistance Strategic Stocking



Material Selection

Corrosion & Failure Analysis Vendor Identification & Vetting Alternatives to Glass Lined or Tantalum Lined Equipment



Coatings

Technical & Market Advisory Vendor Identification & Vetting CVD, PVD, ALD, Cold Spray, Cladding, Electroplating

How I Help

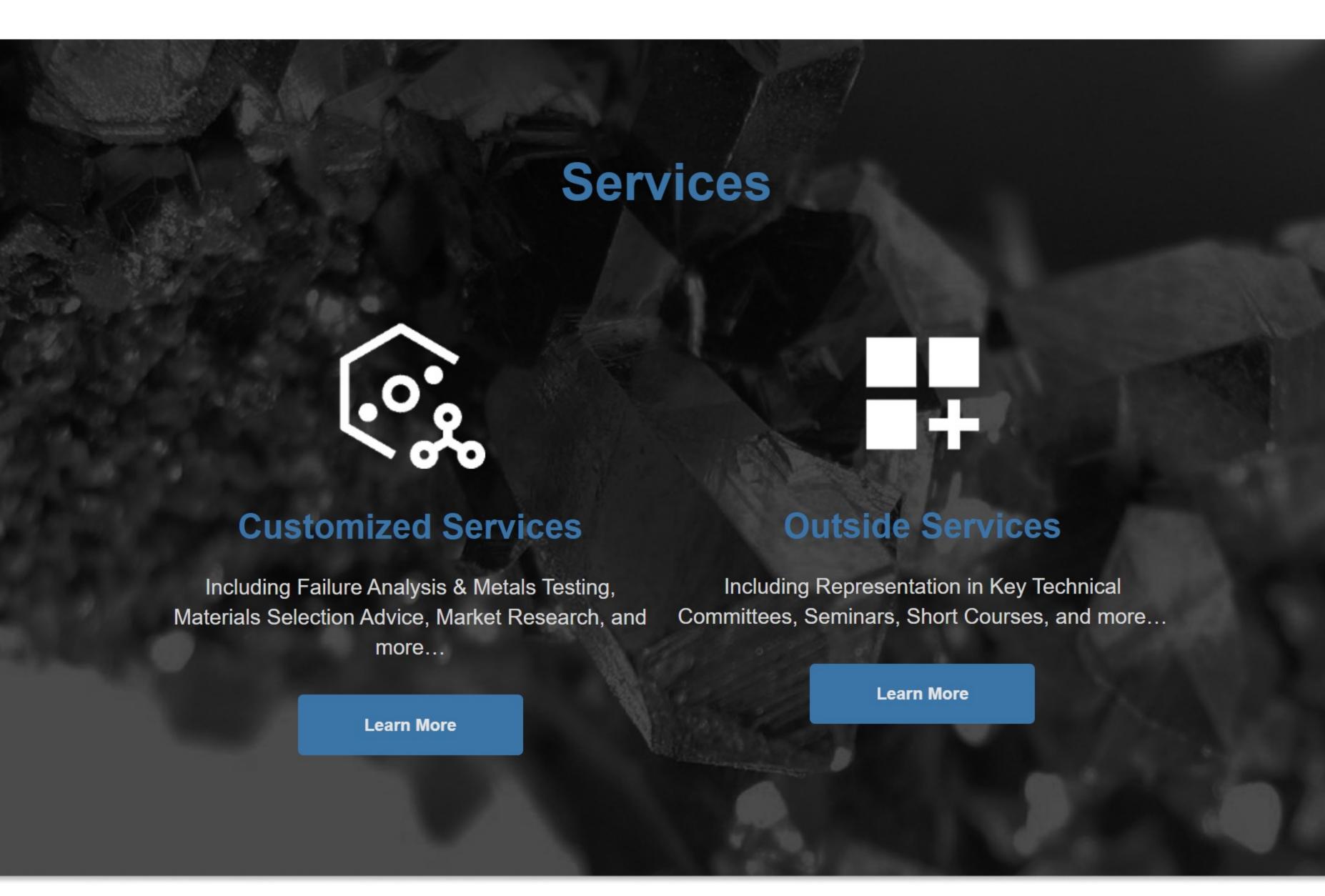


- Would you like to explore the potential and benefits of Niobium for your application, but are having difficulty with reliable sourcing?
- Would you like to use Niobium for your application, but don't have the full-spectrum, inhouse resources to explore?
- Are you actively using and benefiting from the performance of Niobium for your application, but would like to improve your process and/or troubleshooting?

Have you ever considered Niobium as a

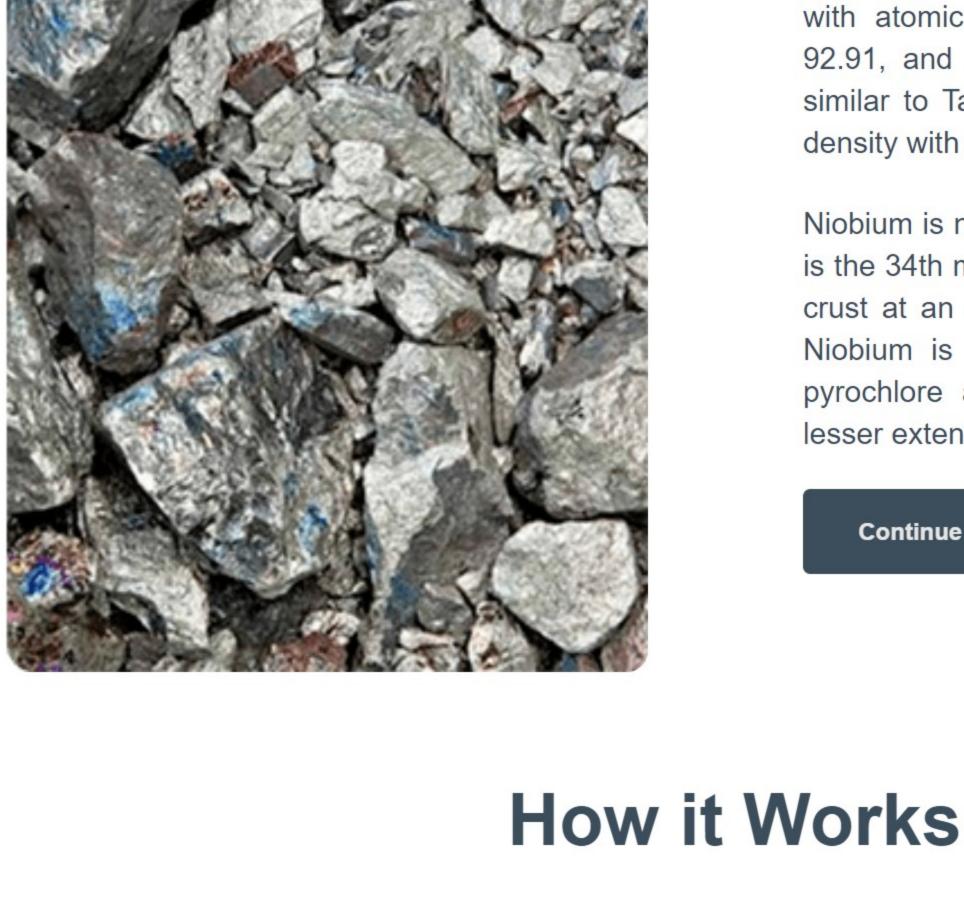
curious about its benefits?

solution/alternative for your application, but are



Niobium (Nb), formerly known as Columbium

Niobium Facts



with atomic number 41, an atomic weight of 92.91, and a density of 8.4 g/m3. Niobium is similar to Tantalum (Ta), however, it is half the density with a significantly lower unit cost. Niobium is not particularly rare or exotic in that it is the 34th most abundant element in the Earth's

(Cb), is a metal in group VB of the periodic table

crust at an average concentration of 20 pppm. Niobium is mined primarily from the minerals pyrochlore and columbite, in Brazil and to a lesser extent in Canada and central Africa. **Continue Reading**

1. Contact Us





trying to solve, or how you think we could help.

2. Request a Free 30-minute Consult

When completing the contact form, answer the question

"What shapes, sizes and forms of Niobium or alloys

containing Niobium would you like available in stock

The best way to get started is by contacting us through our

online contact form. Let us know what problems you are

domestically for your project(s)? " to qualify for a free 30minute consultation.

3. Provide Statement of Work

We can help you define a statement of work that fits your

project requirements.

Schedule a Free Consult

Federation



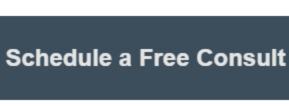


Customized Services

About

American Welding Society





You have a friend in the Niobium business.

Niobium Research LLC and our network of technical and market experts provide real time

results and educational resources for your project needs.



Join the LinkedIn Group: 'Niobium Research'

- for new developments in the world of Niobium

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Niobium Facts

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