

## OUR LAB

At NTS your sustainability is our priority. We offer a full range of mining related tests to meet your needs.

Our team of analysts have been involved in the mining industry for many years, and understand the need for quick and accurate results.

While most analysis can be done in our new laboratory, on occasion we have requests for testing outside of our capabilities. We have partnered with a variety of outstanding laboratories across the country to complete these requests.



NTS is the Iron Range's only locally-based, full-service environmental science and engineering company. Headquartered on the Iron Range since 1985 with a focus on northeastern Minnesota, we are committed to providing world-class science and engineering to our local customers. We believe in sustaining the local economy by utilizing local workers and vendors.

**Our services include** environmental & geotechnical consulting; engineering & engineering support services; mining lab; data management; water resource services; and site assessment & investigation. These services are provided to industrial, municipal, & governmental clients.



**Environmental Science  
& Engineering**

efficient

honest

reliable



218.741.4290  
Virginia, Minnesota

[www.netechnical.com](http://www.netechnical.com)

**MINING LAB**



# MINING LAB

## THE LAB OF CHOICE

Dedicated to being “The Lab of Choice” for the Iron Range and beyond. NTS mining personnel are trained in a wide range of physical and chemical testing procedures. All test procedures follow the current ASTM methods. NTS mining lab employees have extensive knowledge and experience in the mining industry.

## CONTACT OUR LAB

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NTS has the ability to see the big picture and our business is built on a track record of proven success and long-term relationships. We have an in-depth understanding of the local regulatory, economic, and environmental conditions through close work with local stakeholders. We can identify and address potential issues with innovation and **common sense solutions.**

## MATERIALS TESTED

Pellet	Biofuels
Concentrate	Limestone
Drill Core	Bentonite
Coal	Rock
Wood	Soil

## ORE / MINERAL ANALYSIS

Total Iron  
Silica  
Ferrous Iron  
Metal Oxides  
Loss on Ignition  
Mercury/ Low Level Mercury

## PHYSICAL TESTING

Particle Size Distribution  
(4" down to -500 mesh)  
Grain Size / Hydrometer  
Bulk Density  
Organic Content  
Specific Gravity  
% Moisture

## MISC. ANALYSIS

Filtering, Crushing, Splitting  
Carbon  
Sulfur