

Minnesota Glacial Rocks



Sandstone

Sedimentary Rock
Formed from wind-blown sand
that fell into shallow sea
400 million years ago



Basalt

Igneous/volcanic
1 billion years old
lava from North Shore
Carried by glacier



Shale

Sedimentary Rock
Formed in shallow inland seas
1.9 Billion years ago
Found @ Jay Cooke St Park
Carried in glacier



Granite

Igneous Rocks
1.2 to 2.5 billion years old
Formed deep beneath the earth
Carried by glaciers from St Cloud



Morton Gneiss

Pronounced "nice"
Metamorphic rock
3.5 billion years old
one of oldest rocks on
Earth
used in buildings



Chert

Sedimentary Rock
Formed from shells of microscopic algae
Used to make fire (flint)/arrowpoints
2 billion years old