Banded iron formation

Trace one band along a face and around an edge. Measure across the layering.

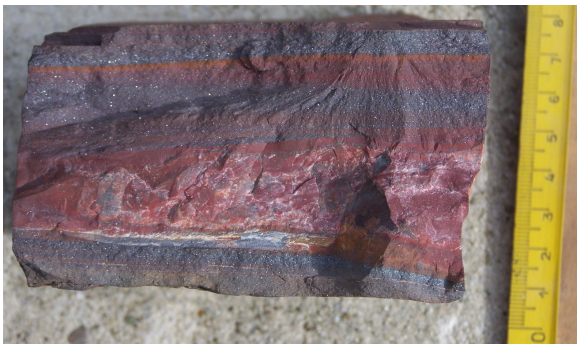


Quartz and hematite bands

Lower Middleback Iron-Formation, Australia | 8.4 cm across

Dark hematite alternates with pale quartz. A red band is optional in iron formation.

Photo: James St. John CC BY 2.0



Red and dark bands

Moodies Group, South Africa | centimeter scale

Compare the widths of adjacent layers against the ruler. Follow one layer across the face.

Photo: Woudloper CC BY-SA 1.0

Your specimen

Width of neighboring layers (mm)

Continuity around an edge and magnet response

Possible identification and evidence