Iron Formation

**Source**

- Fertility of iron-formation (producing a thick, Fe-rich unit, with low compensation from other elements, e.g. Si, Al, Ti, P)

**Pathway**

- High permeability zones (directing fluid flow and iron enrichment of iron-formation)

**Fluids**

- Silica-dissolving fluid (removing quartz from iron-formation and concentrating iron)

**Exhumation and Preservation**

- Exhumation and preservation of iron-formation

**Constituent Process**

- Core of iron-formation

**Targeting**

- Niche within iron-formation

**Relevant Products**

- Iron-formation assemblages

**Data Sources**

- m = mapping
- g = geochemistry
- r = reflection spectroscopy
- p = Paleoregistration

**Recommended reference**