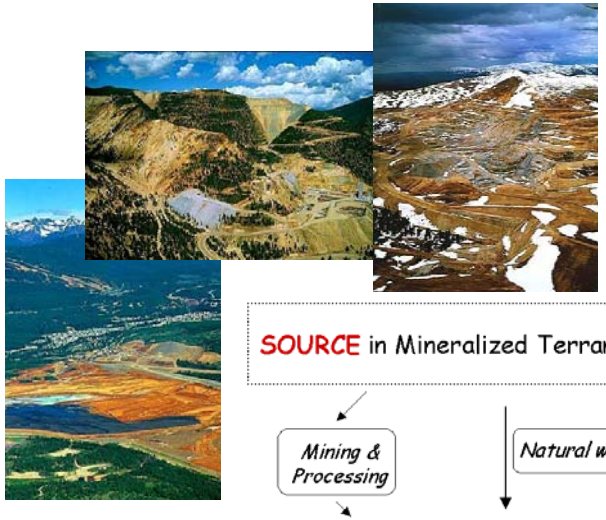


SOURCE in Mineralized Terranes

Mining & Processing

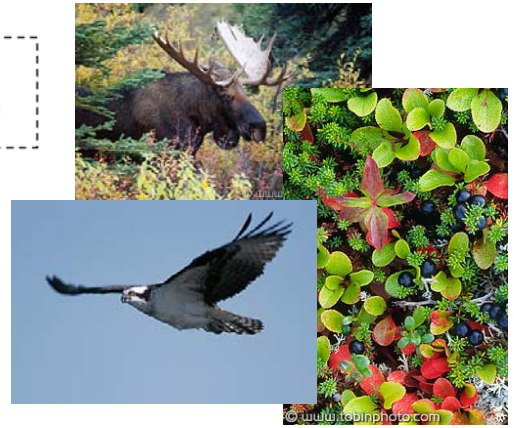
Natural weathering

Physical, Chemical, & Biological **PROCESSES**

mixing
hydrologic transport
reduction/oxidation
dissolution/precipitation
adsorption/desorption
organic/inorganic complexation
biological productivity
& respiration

Dissolved Elements

Particulate Elements

Bioavailability

BIO-RECEPTORS
(humans, wildlife, plants)