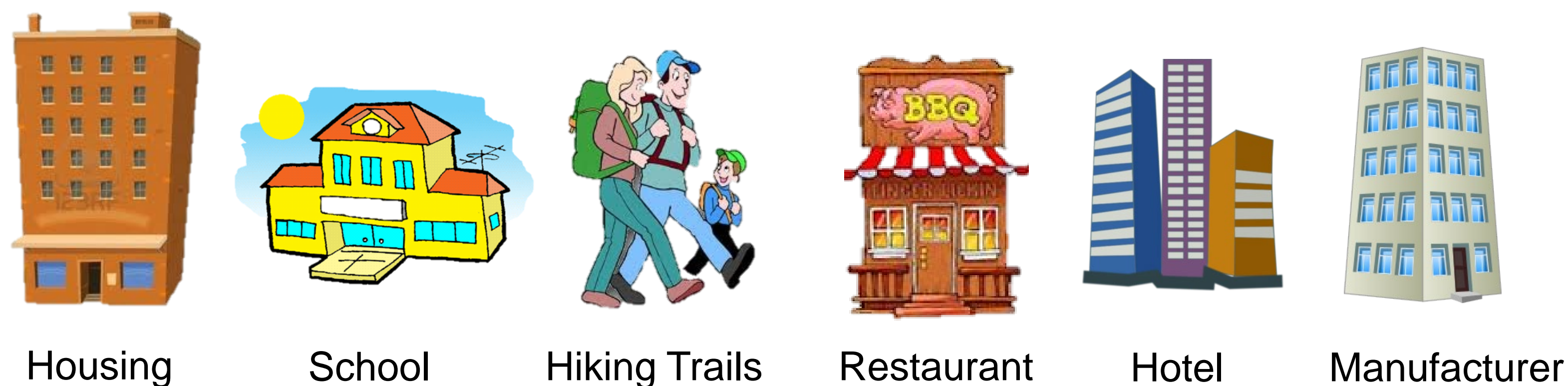


What is Background Threshold Value (BTV)?

How is a BTV Defined?

- Amount of a chemical in uncontaminated soil across Minnesota that any person might contact
- BTVs are the same numerical value for any type of site

Residential/Recreational or Commercial/Industrial



When is a BTV Used?

SRVs for Cobalt:

Residential/Recreational SRV = 4.6 mg/kg

Commercial/Industrial SRV = 67 mg/kg

BTV for Cobalt:

BTV = 13 mg/kg

Residential/Recreational SRV is set to BTV (13 mg/kg)

since BTV is greater in value than SRV

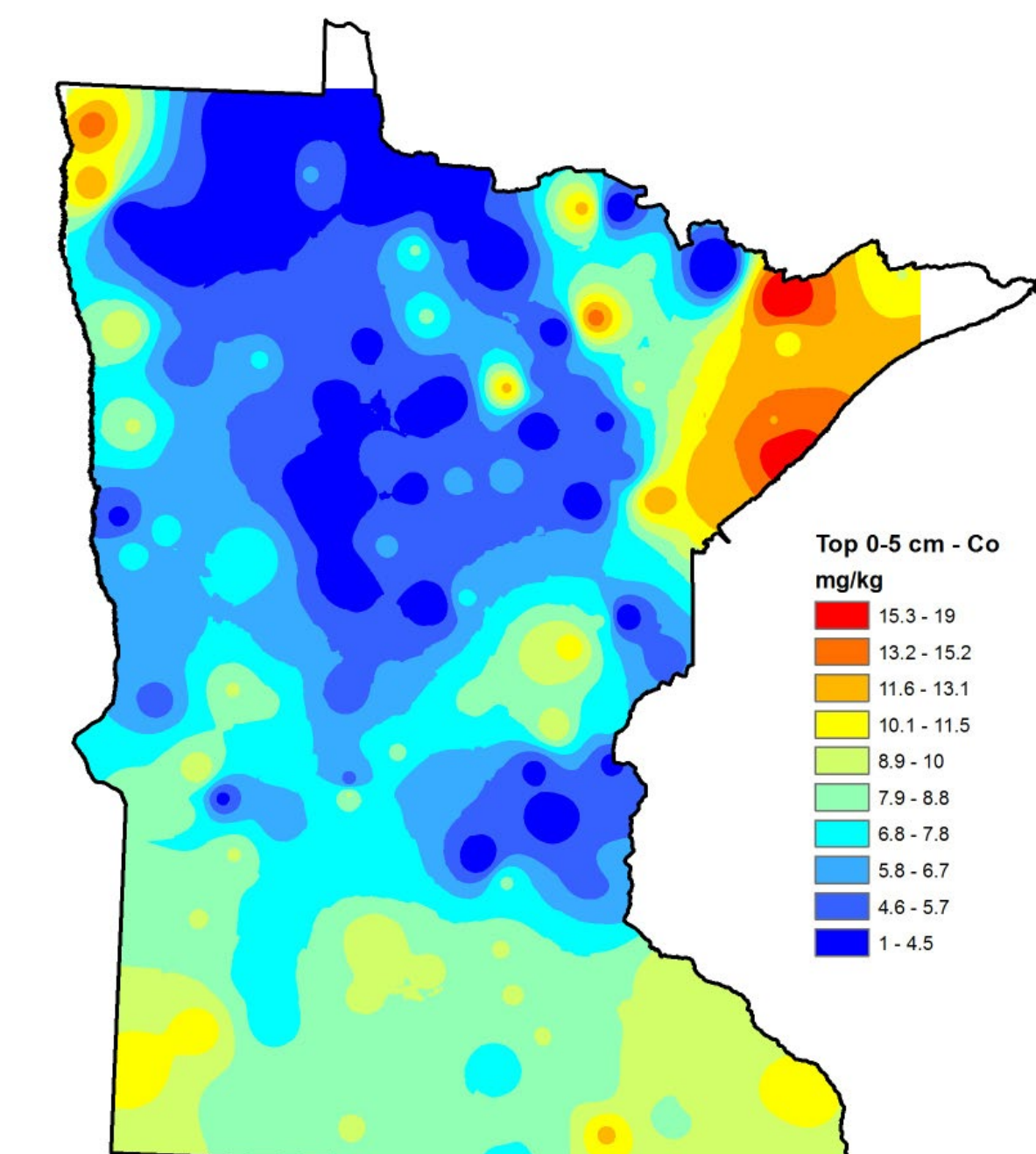
Commercial/Industrial SRV is set to SRV (67 mg/kg)

since BTV is less in value than SRV



How are BTVs Determined?

- Soil samples obtained from uncontaminated soil across Minnesota
- Laboratory Analysis to determine amount of chemical in soil (chemical concentration)
- Amount of a cobalt in soil (chemical concentration) varies across the state of Minnesota
- Evaluation is conducted to determine BTV appropriate for all soils in Minnesota
- Uses Environmental Protection Agency's (EPA's) methods and calculations



BTV for Cobalt is 13 mg/kg