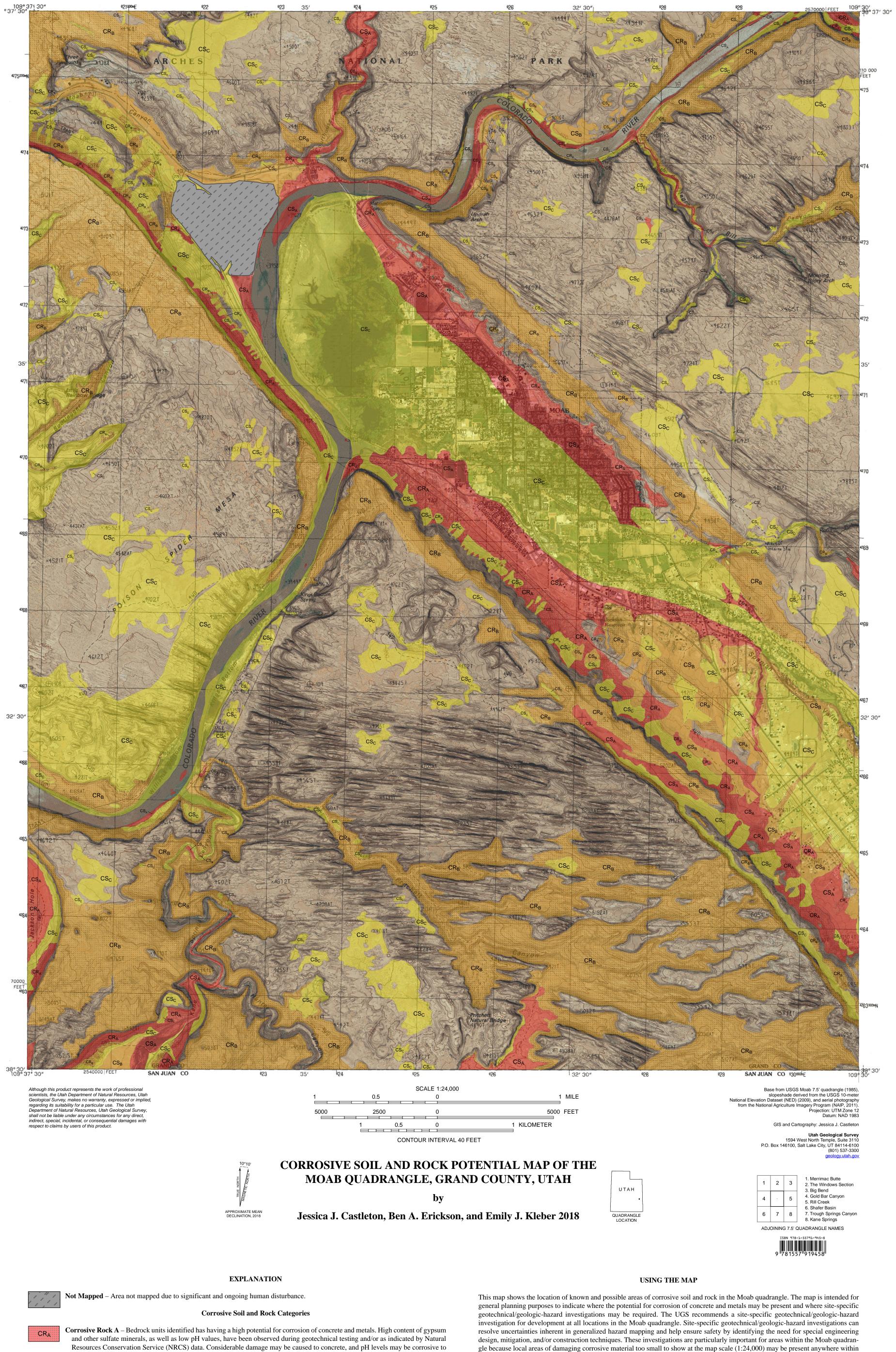


Plate 10 of 13 Utah Geological Survey Special Study 162 Geologic Hazards of the Moab Quadrangle, Grand County, Utah



- Resources Conservation Service (NRCS) data. Considerable damage may be caused to concrete, and pH levels may be corrosive to metals.
- **CRB Corrosive Rock B** Bedrock units identified has having a moderate potential for corrosion of concrete and metals. Moderate content of gypsum and other sulfate minerals, as well as low to moderate pH values, have been observed during geotechnical testing and/or as indicated by NRCS data. Considerable damage may be caused to concrete, and pH levels may be corrosive to metals.
- CS<sub>A</sub> Corrosive Soil A Units identified has having a high potential for corrosion of concrete and metals. High content of gypsum and other sulfate minerals, as well as low pH values, have been observed during geotechnical testing and/or as indicated by NRCS data. Considerable damage may be caused to concrete, and pH levels may be corrosive to metals.
- CSB Corrosive Soil B Units identified has having a moderate potential for corrosion of concrete and metals. Moderate content of gypsum and other sulfate minerals, as well as moderate pH values, have been observed during geotechnical testing and/or as indicated by NRCS data. Considerable damage may be caused to concrete, and pH levels may be corrosive to metals.
  - **Corrosive Soil C** Buried or embedded corrosive soil or rock. Areas where talus, colluvium, alluvium, or pediment mantle deposits make up a thin layer above units with high sulfate mineral content and/or the potential for low pH.

Limited potential for corrosive soil and rock.

 $CS_C$ 

## site-specific geotechnical/geologic-hazard investigations. For additional information about the corrosive soil and rock potential in the Moab quadrangle, refer to the accompanying report.

the quadrangle. This map is intended for use at a scale of 1:24,000, and is designed for use in general planning to indicate the need for