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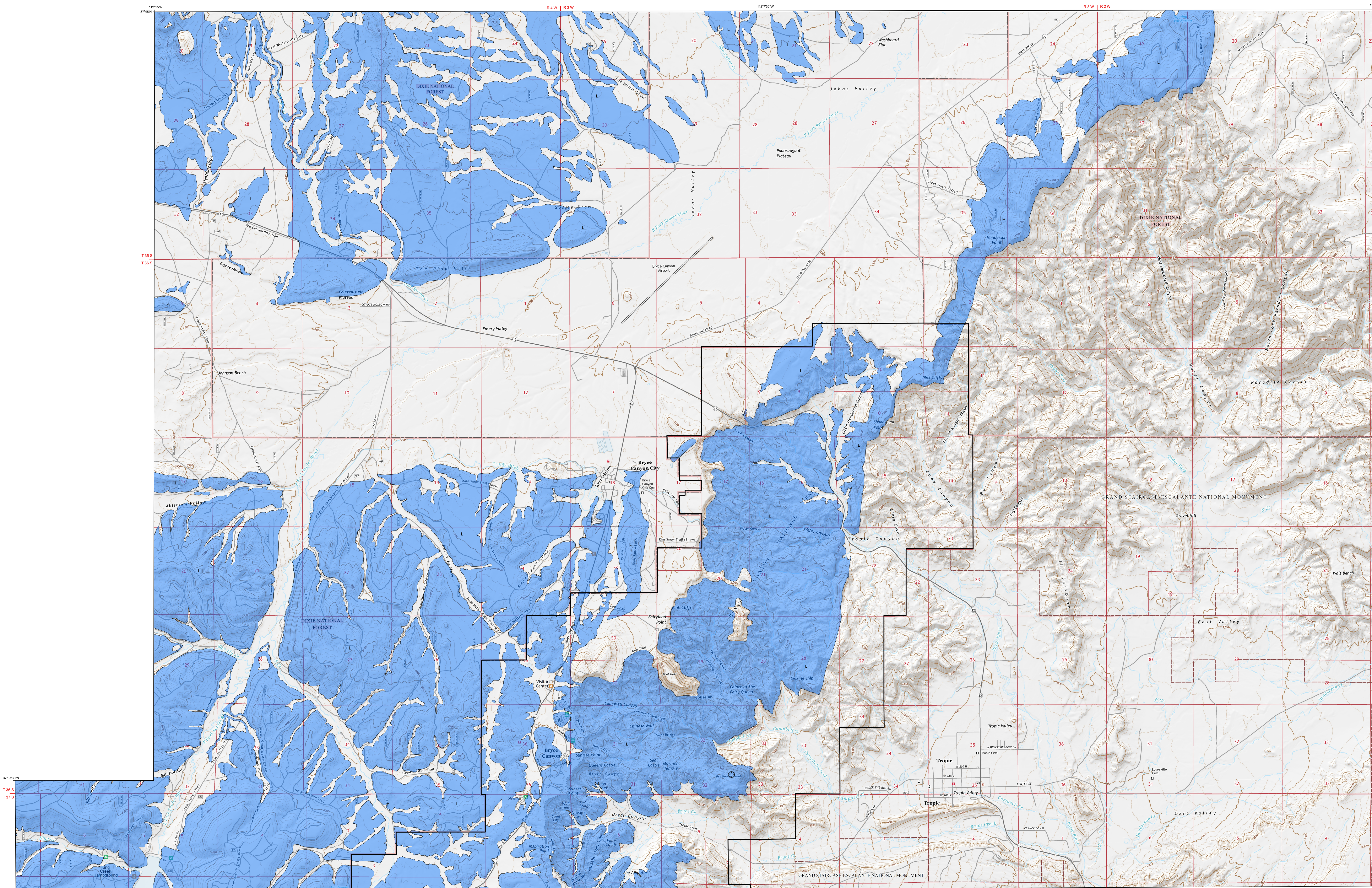
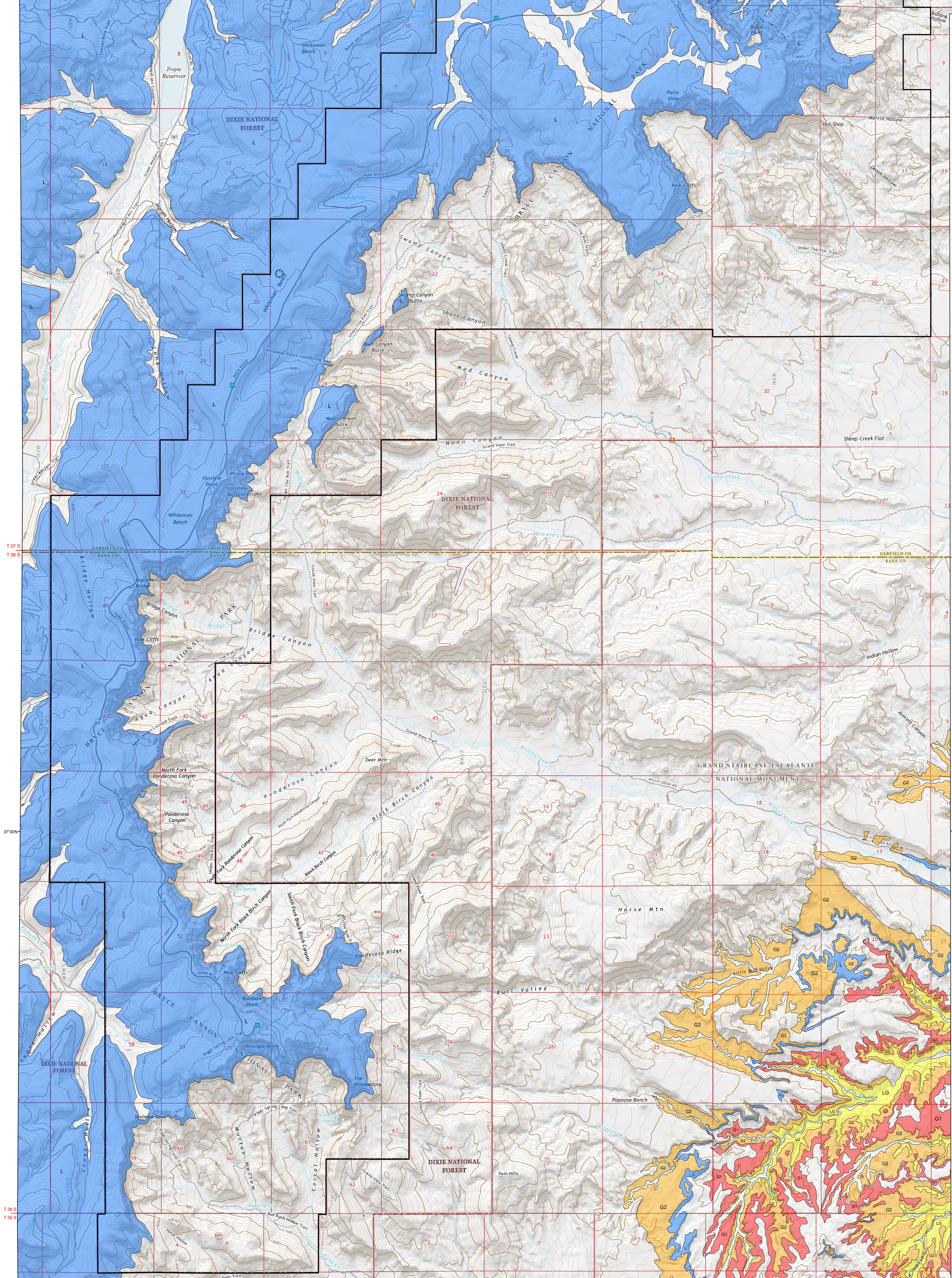
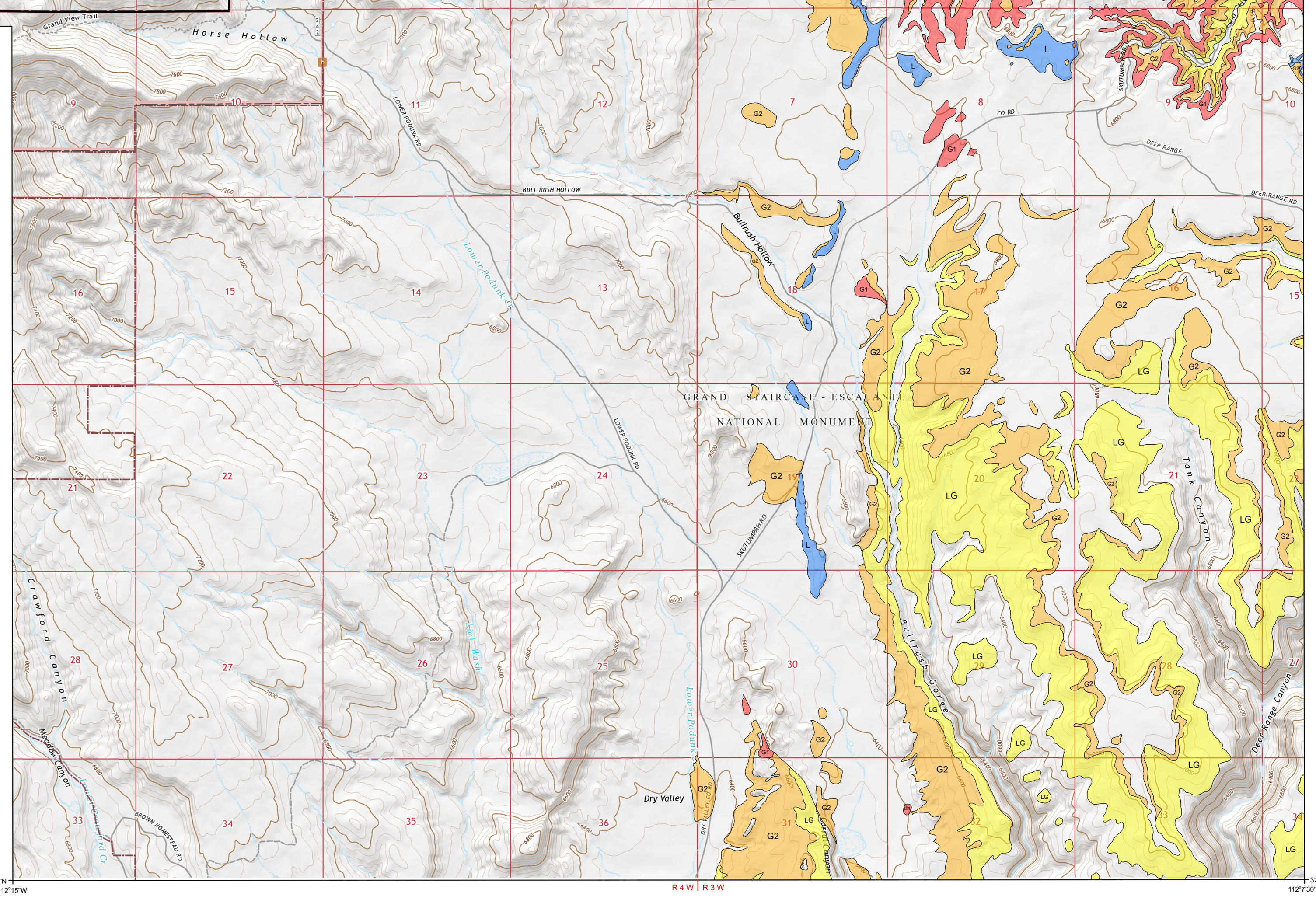




SOLUBLE ROCK SUSCEPTIBILITY
BRYCE CANYON NATIONAL PARK AND VICINITY
GARFIELD AND KANE COUNTIES, UTAH

by

Tyler R. Knudsen

2026

EXPLANATION

G1 — **Highly Soluble Bedrock Units with Abundant Gypsum** – Bedrock units that contain abundant gypsum, often in laterally continuous horizons up to several feet thick. These units and the alluvial deposits derived from them are commonly associated with dissolution and collapse features, such as caves, sinkholes, and subsidence.

G2 — **Bedrock Units that Lack Massive Gypsum Deposits** – Bedrock units that lack massive gypsum deposits but contain thin to medium beds and veins of gypsum interspersed with other rock types. These units and the alluvial deposits derived from them, contain sufficient gypsum locally to cause foundation or other problems and are associated with dissolution and collapse features.

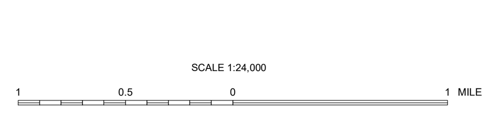
L — **Limestone Bedrock Units** – Limestone bedrock units that contain calcium carbonate. These units are commonly associated with dissolution and collapse features such as sinkholes.

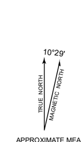
LG — **Mixed Limestone and Gypsum Bedrock Units** – Bedrock units that contain significant amounts of both limestone and gypsum.

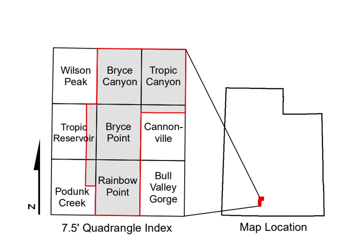
Mapped karst feature (sinkhole)

Bryce Canyon National Park boundary

This mapping was funded by the Utah Geological Survey and the Bryce Canyon Association, and facilitated by the National Park Service, U.S. Department of the Interior. The views and conclusions contained in this document are those of the author and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the Bryce Canyon Association or the U.S. Government. These maps and explanatory information are submitted for publication with the understanding that the Bryce Canyon Association and the U.S. Government are authorized to reproduce and distribute reprints for their use.







Base from USGS US Topo Bryce Canyon, Tropic Canyon, Tropic Reservoir, Bryce Point, Cannonville, Podunk Creek, and Rainbow Point 7.5' Quadrangles (2020)
Projection: UTM Zone 12
Datum: NAD 1983

Project Manager: Steve Bowman
GIS and Cartography: Tyler Knudsen, Gordon Douglass, and Kristi Rasmussen

Utah Geological Survey
1594 West North Temple, Suite 3110
Salt Lake City, UT 84116
(801) 537-3300
geology.utah.gov

This map was created from geographic information system (GIS) data.

https://doi.org/10.34191/SS-178