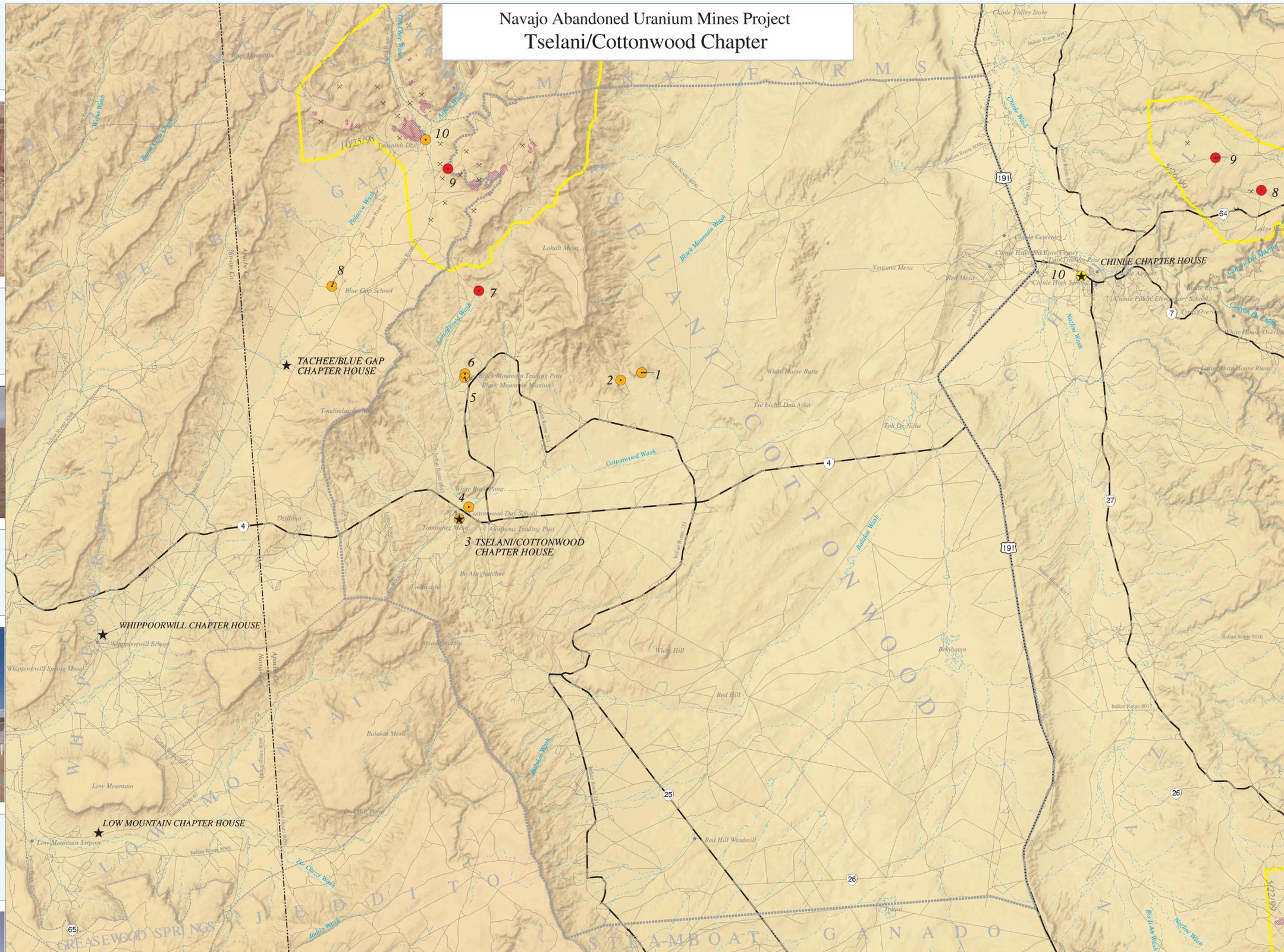


Navajo Abandoned Uranium Mines Project Tselani/Cottonwood Chapter



1 ● Dark Cave Spring (Spring)



2 ● Shonto (Spring)



3 ● Cottonwood Chapter House (Well)



4 ● Tank 10R -51 (Wind Mill)



5 ● Black Mountain Well (Well)



6 ● Refrigerator Springs (Spring)



7 ● Tank 10T -533 (Wind Mill)

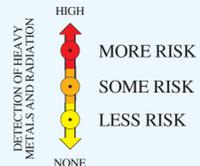
Drinking water should be taken from a public water system, such as the regularly tested NTUA system. You may be putting yourself and family at risk if you use water from an untested location. Only the locations on the map indicated by a water drop are tested and confirmed safe.

We are aware that because of cost and distance, many people choose to collect water from a nearby untested location. If you do so, be aware that the sources identified by the red dots show unsafe levels of heavy metals or radioactivity at the time they were tested. We will share your drinking water needs with the appropriate Tribal and Federal agencies.

Data notes:
MINES - Historic mine location data show known and possible uranium mines or occurrences. These are approximate and were compiled from various sources of varying accuracy.
WELLS - Only selected wells were tested, and not all livestock wells were tested.
CHAPTERS - Chapter boundaries represented here are based on existing maps from the Navajo Nation and may not depict actual, commonly recognized chapter boundaries.

Watering location tested routinely tested and SAFE to drink

Water sampling locations and associated risk when consuming sampled water daily for 30 years or more



US EPA considers tested water at this risk level may be unsafe for long-term exposure.

Helicopter radiation surveys

Area of higher than normal radiation

Area of radiation testing

Date of last test

- ★ Chapter house
- Tselani/Cottonwood Chapter boundaries
- Other chapter boundaries
- × Historic mine locations
- Landmarks and locales
- County boundaries
- Interstates
- Highways
- Local Roads
- Perennial streams
- Intermittent streams and washes
- Lakes and washes



Data sources:
 Water sampling: US Army Corps of Engineers, sampled with GPS unit of 5-10m accuracy, 1999
 Hillshades: US EPA Region, 2000, from USGS Digital Elevation Models, 30m resolution, various years
 Survey flight areas and Radiation areas: US Department of Energy, 1999
 Mines: US Department of Energy, 1999, sources of varying accuracy. SEE NOTE ABOVE
 Chapter houses and boundaries: Francis M., Hoskie G., Begay J., Navajo Nation Land Department, 1997

Roads: US Bureau of Census TIGER Line Files, 1:100k scale, 1995
 Streams: USGS Digital Line Graphs, US EPA, and Arizona State agencies, 1:100k scale, 1989
 Landmarks: USGS Geographic Names Information System, 1:24k scale, 1981
 Counties, Towns and some Roads: Environmental Systems Research Institute and GDT, Inc., 1998
 Site photography: Alsup G., US Army Corps of Engineers, 1999



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