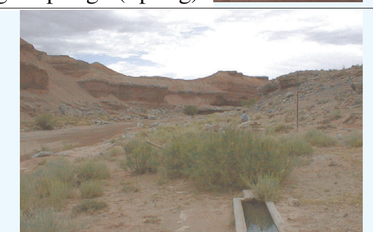
Navajo Abandoned Uranium Mines Project
Coalmine Canyon Chapter

1 Dry Spring Well (Spring)

2 Badger Spring (Spring)


3 Tse To Baah Naali Spring (Spring)

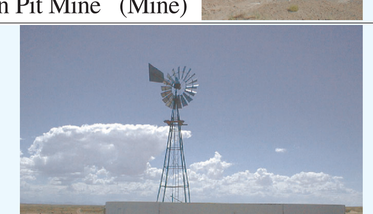
4 Tohachi Spring (Spring)

5 Yellow Spring (Spring)

6 Willow Spring (Spring)

11 Open Pit Mine (Mine)

14 Open Pit Mine (Mine)


15 Tank 3A –151 (Wind Mill)

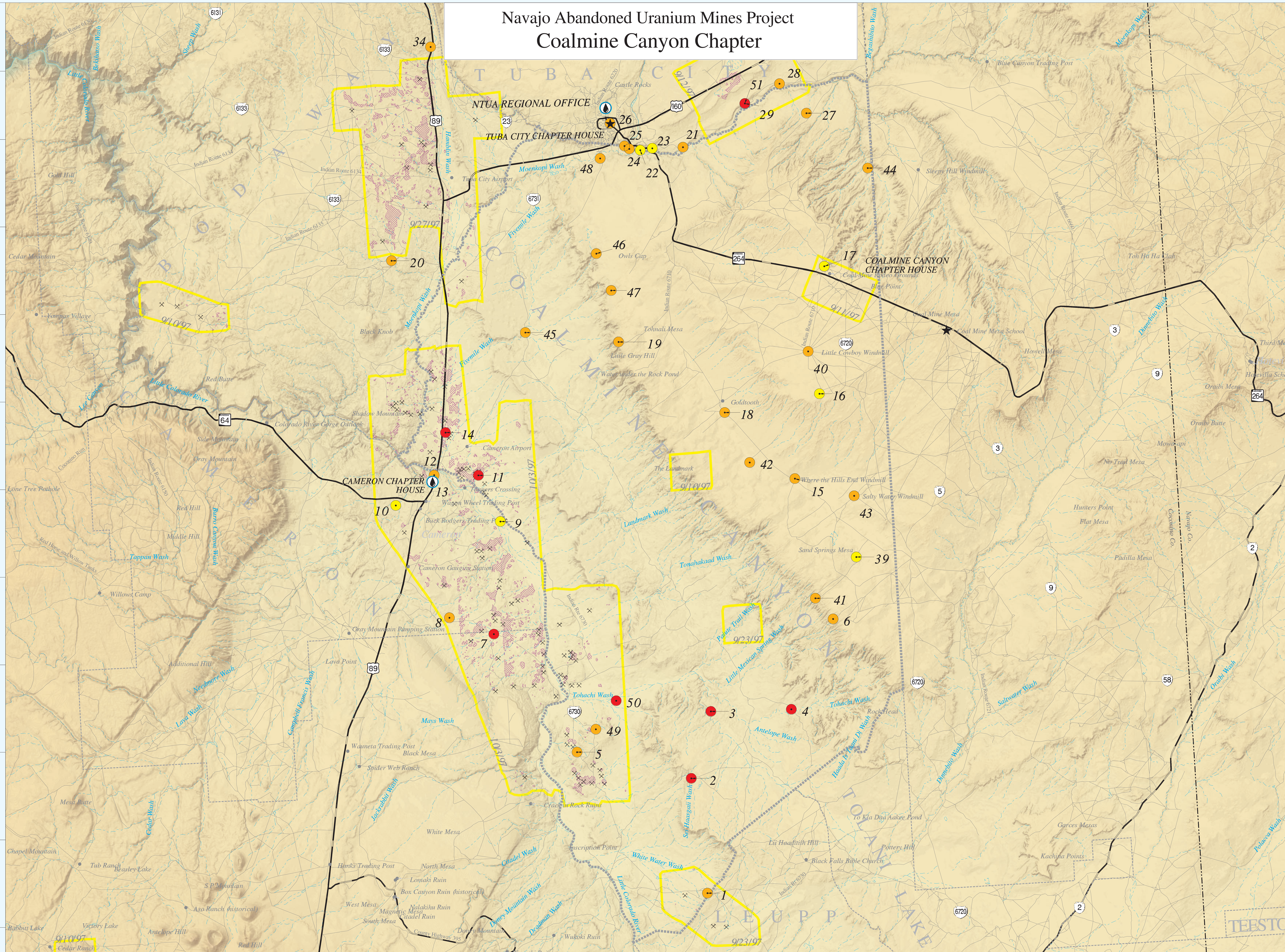
16 Tank 3T –540 (Wind Mill)

17 Tank 3K –312 (Wind Mill)

18 Goldtooth Well (Wind Mill)

19 Goldtooth Spring (Rock Spring) (Spring)

24 Lower Moenkopi Well (Spring)



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 radioac–tivity 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 existing maps from the Navajo Nation and may not depict actual, commonly recognized chapter boundaries.

0 1 2 3 4 5
Miles

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

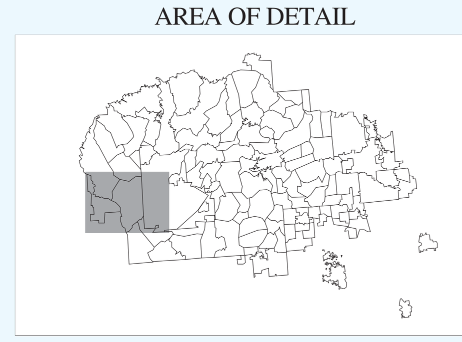
DETECTION OF HEAVY METALS AND RADIATION
HIGH
MORE RISK ← US EPA considers tested water at this risk level may be unsafe for long–term exposure.
SOME RISK
LESS RISK
NONE

Helicopter radiation surveys
- Area of higher than normal radiation
- Area of radiation testing (5/25/99 — Date of last test)

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 sclae, 1981
Counties, Towns and some Roads: Environmental Systems Research Institute and GDT, Inc., 1998
Site photography: Alsup G., US Army Corps of Engineers, 1999

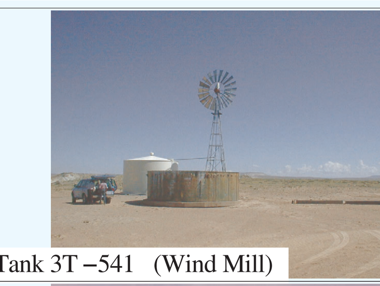
- ★ Chapter house
- Coalmine Canyon Chapter boundaries
- Other chapter boundaries
- Historic mine locations
- Landmarks and locales
- County boundaries
- Interstates
- Highways
- Local Roads
- Perennial streams
- Intermittent streams and washes
- Lakes and washes

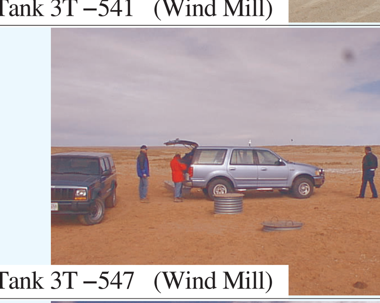
AREA OF DETAIL

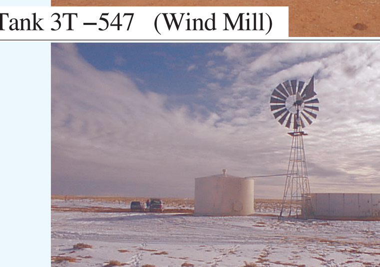


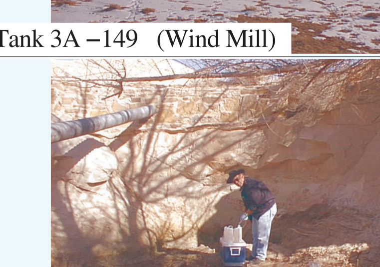
EPA Region 9 GIS Center

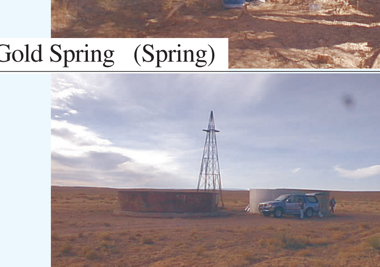
October 2001

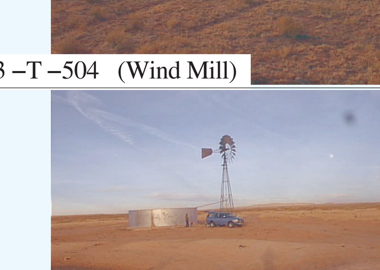

27 Tank 3T –541 (Wind Mill)


39 Tank 3T –547 (Wind Mill)


40 Tank 3A –149 (Wind Mill)


41 Gold Spring (Spring)


42 3 –T –504 (Wind Mill)


43 3 –K –328 (Wind Mill)

44 Al Hasteen Nez Spring (Spring)

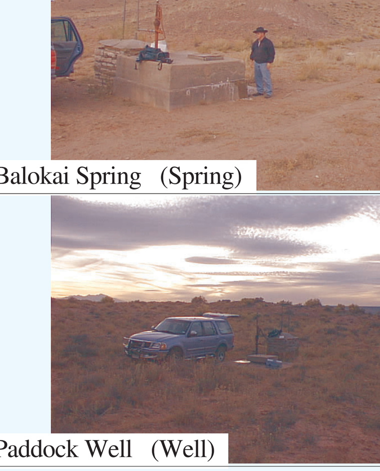
45 Fivemile Wash Spring (Spring)

46 Toh Nee Di Kishi (Spring)

47 Tohnalea (Spring)

48 Harry Goldtooth Spring (Spring)

49 Balokai Spring (Spring)


50 Paddock Well (Well)