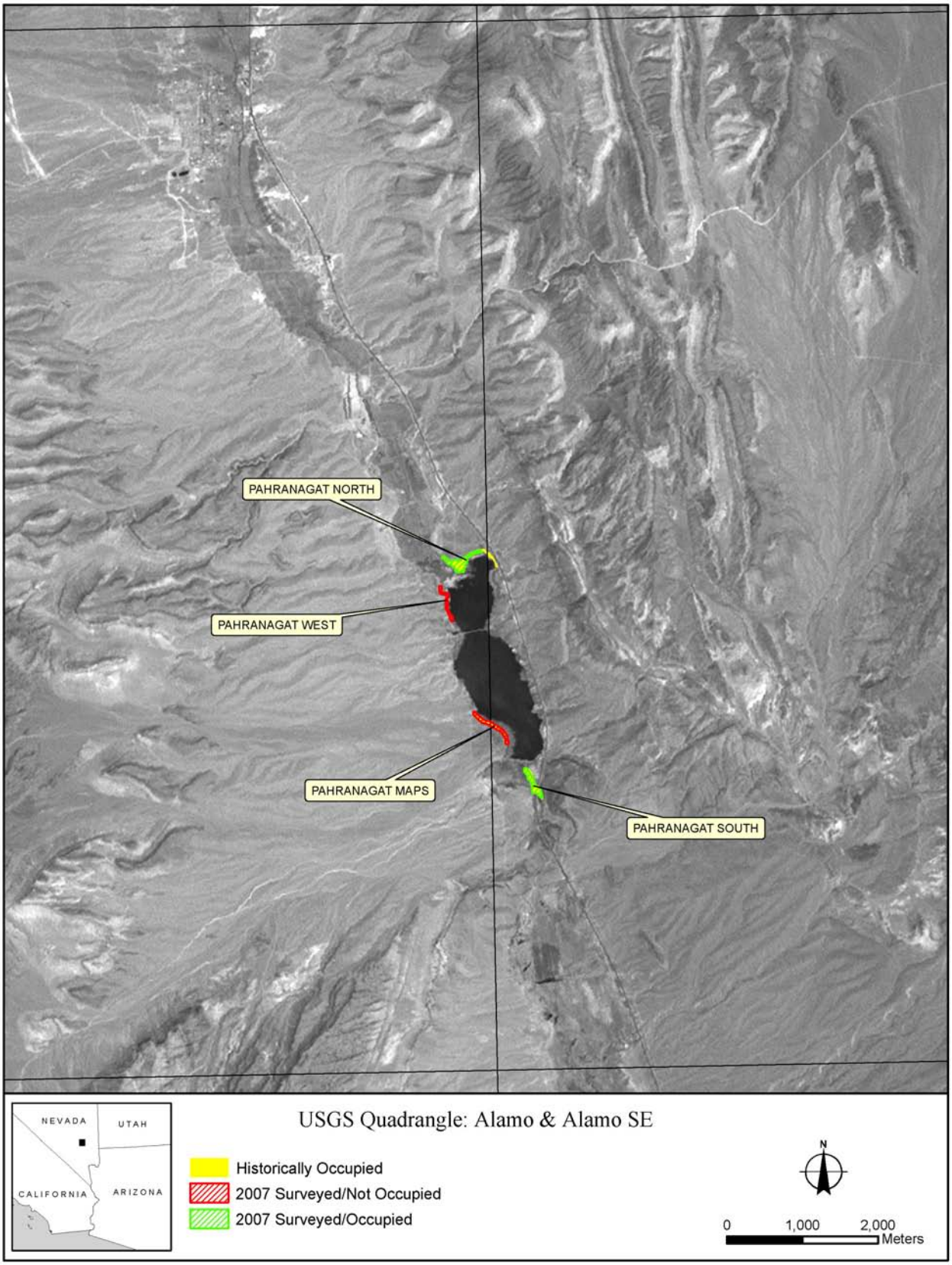
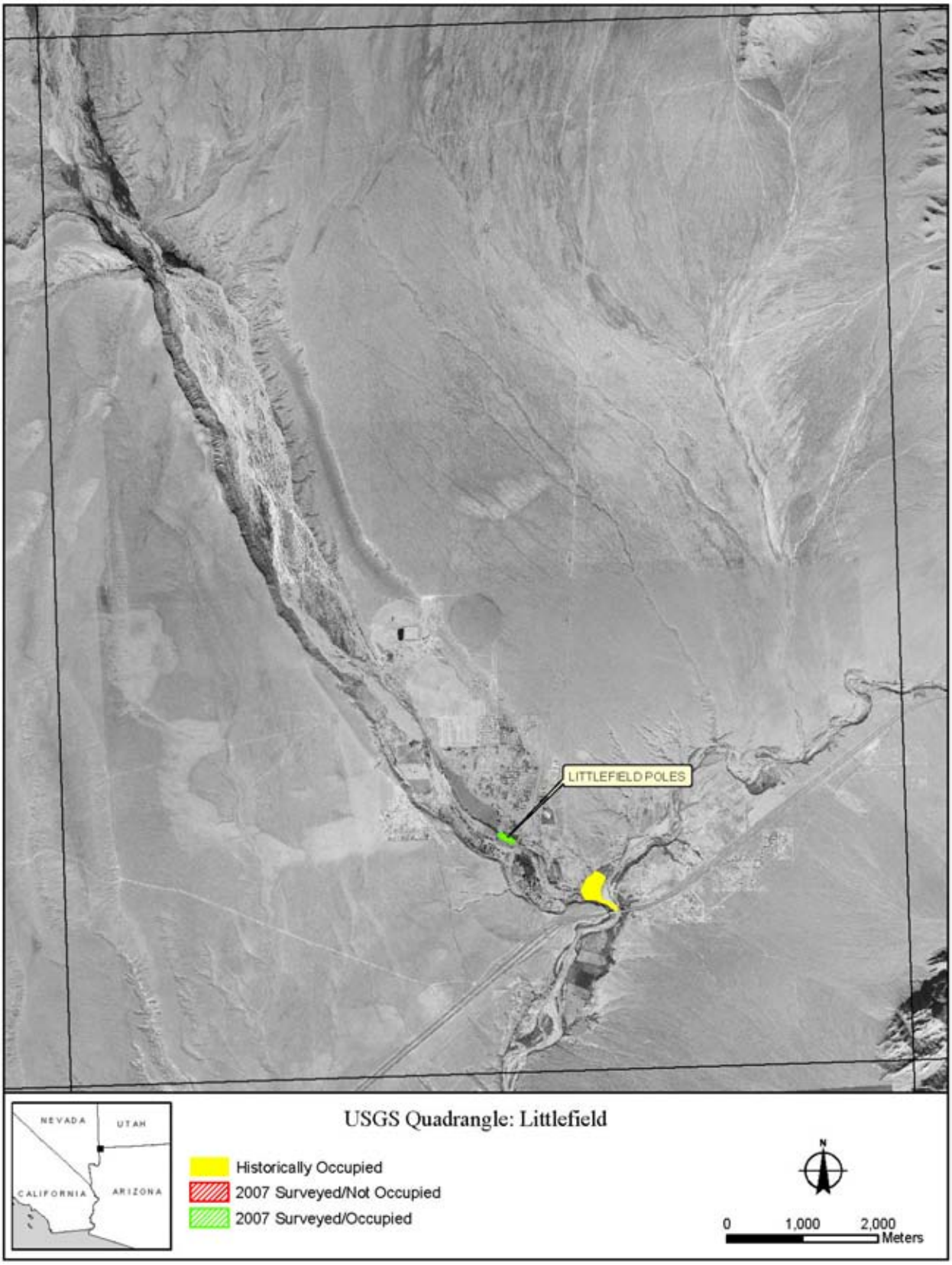
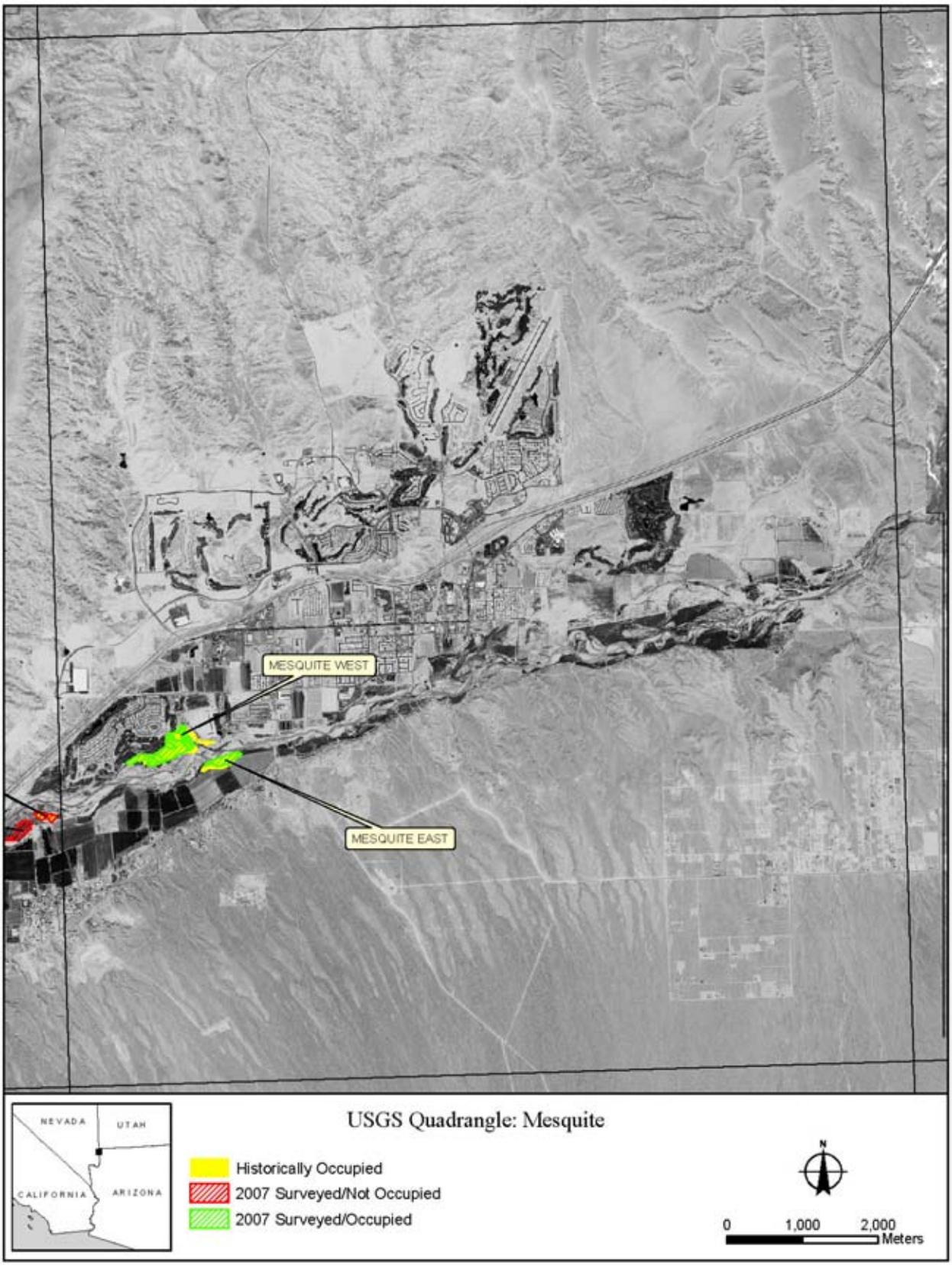
APPENDIX B

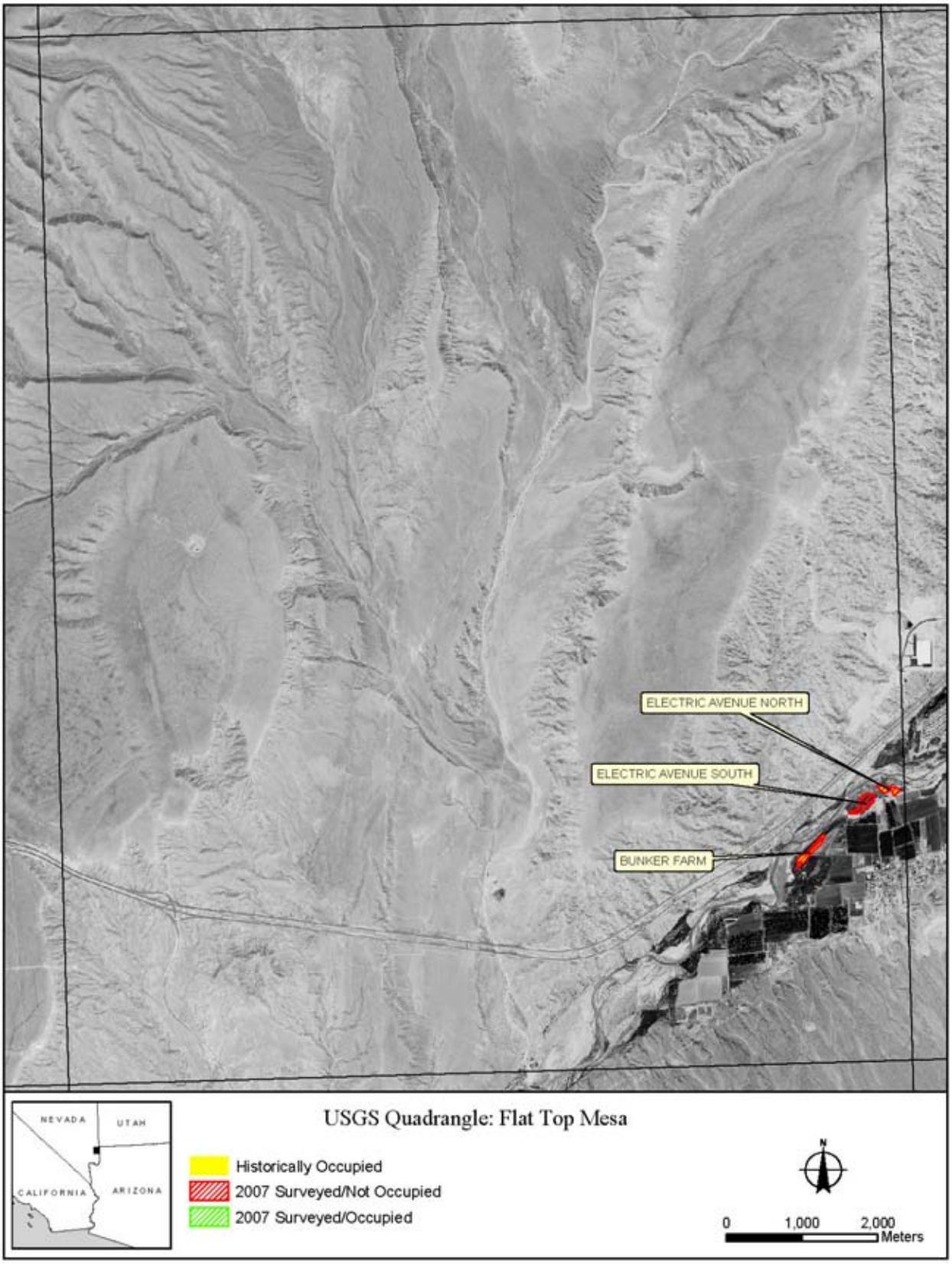
Orthophotos Showing Study Sites

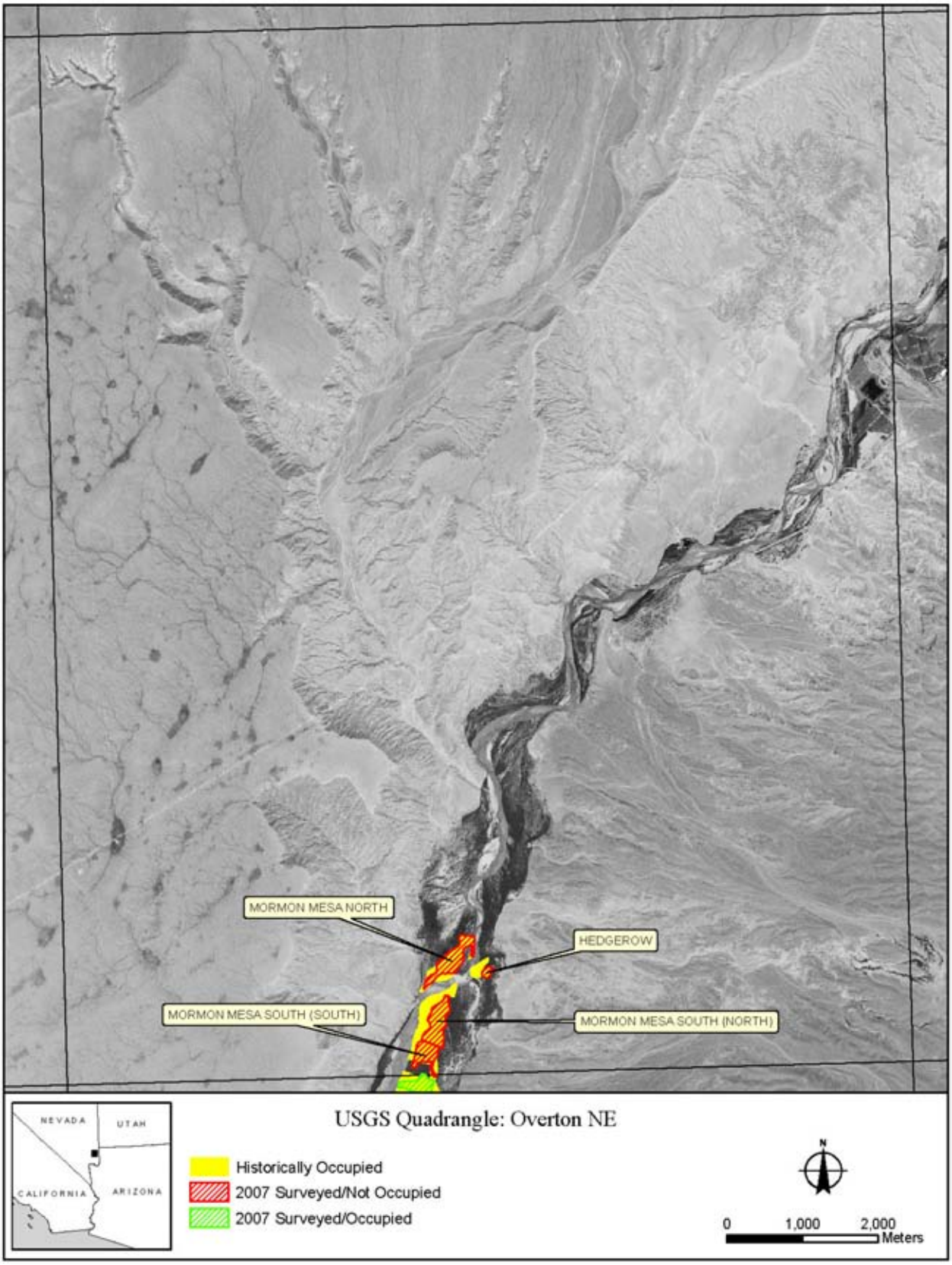
NEVADA
UTAH
CALIFORNIA
ARIZONA
MEXICO
PAHRANAGAT NWR
LITTLEFIELD
St. George
MESQUITE
MORMON MESA
MUDDY RIVER
Las Vegas
Lake Mead
GRAND CANYON
Kingman
Flagstaff
TOPOCK MARSH
TOPOCK GORGE
Lake Havasu
BILL WILLIAMS RIVER NWR
Palm Springs
BIG HOLE SLOUGH
Quartzsite
EHRENBERG
Phoenix
Salton Sea
CIBOLA NWR
IMPERIAL NWR
MITTRY LAKE
Yuma
YUMA
Pacific Ocean
Gulf Of California
Pahranagat Wash
Virgin River
Colorado River
Lake Mohave
Bill Williams River
Verde River
Gila River
Lower Colorado River Southwestern Willow Flycatcher Study 2007
Life History Study Area
Study Area
City/Town
Highway
N
0 25 50 75 Miles

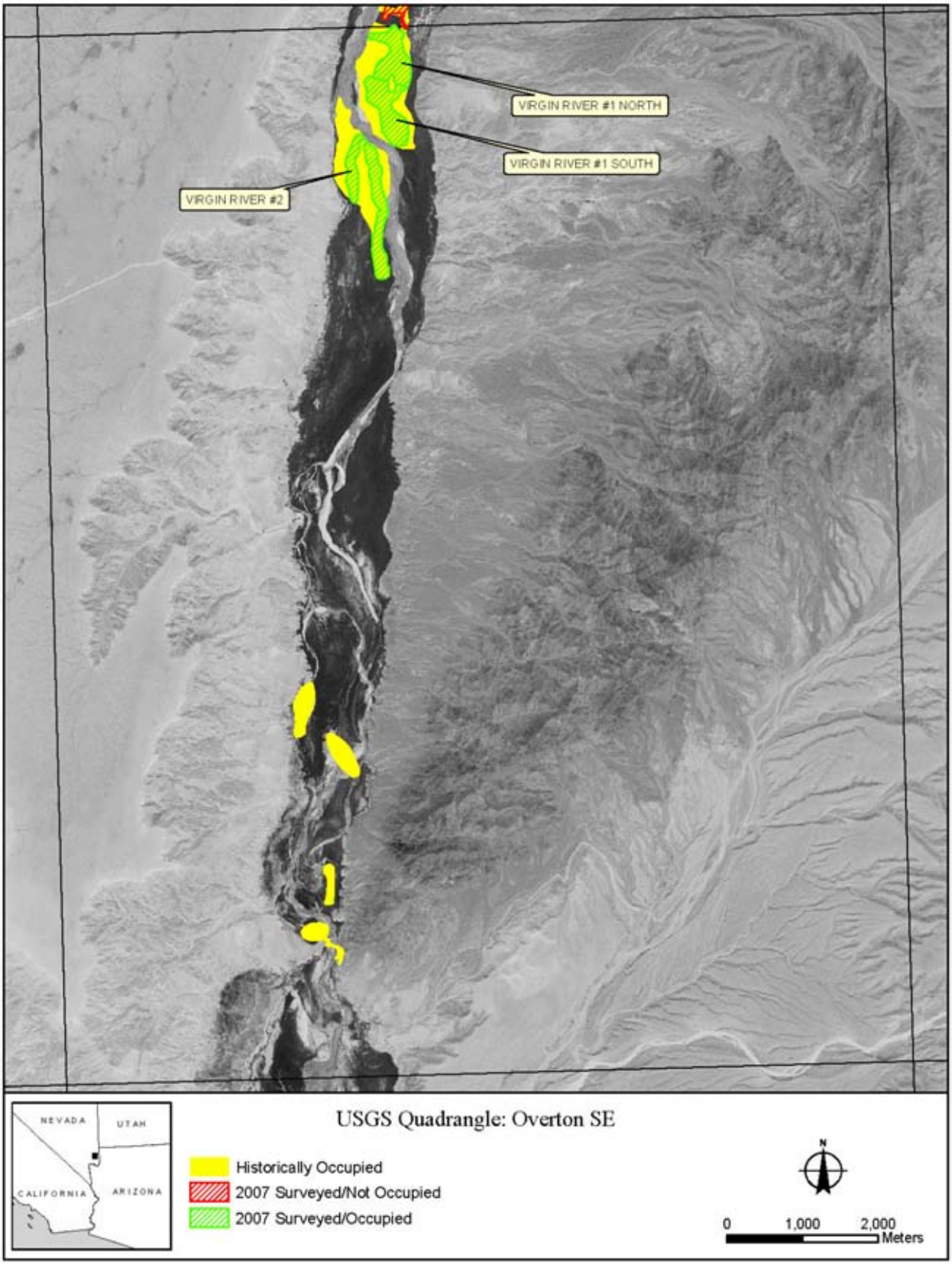

PAHRANAGAT NORTH
PAHRANAGAT WEST
PAHRANAGAT MAPS
PAHRANAGAT SOUTH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Alamo & Alamo SE
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

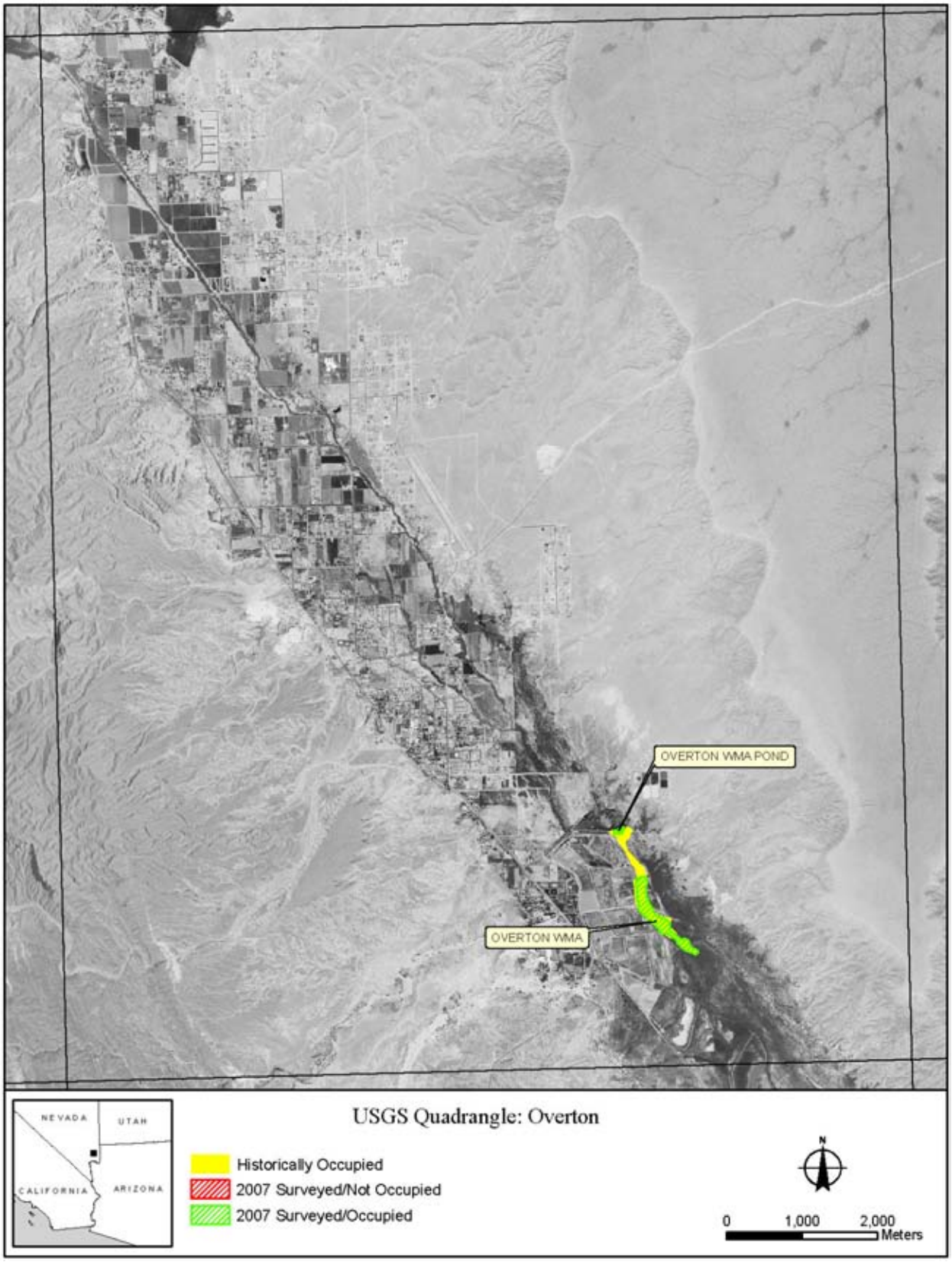

LITTLEFIELD POLES
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Littlefield
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

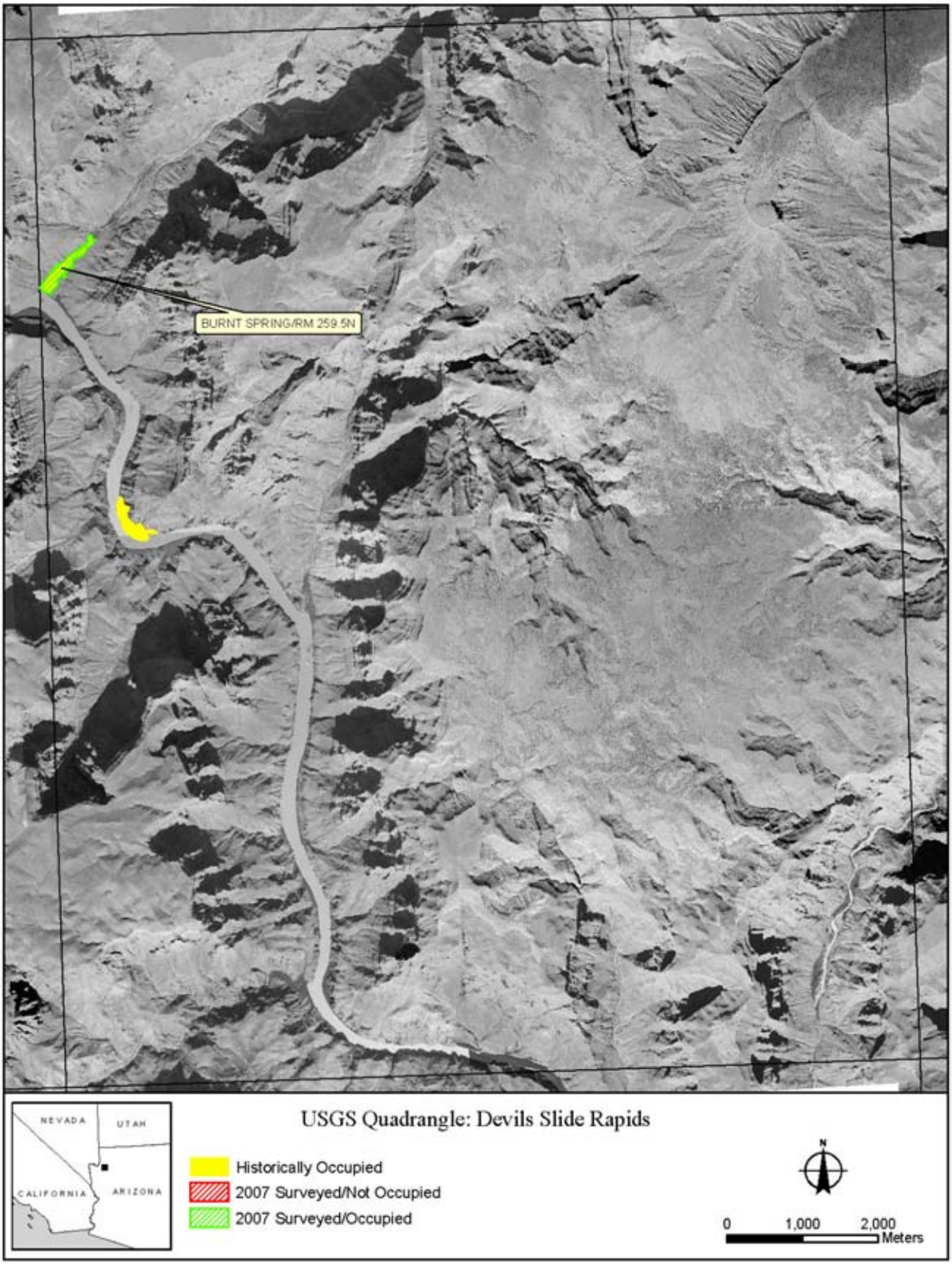

MESQUITE WEST
MESQUITE EAST
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Mesquite
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

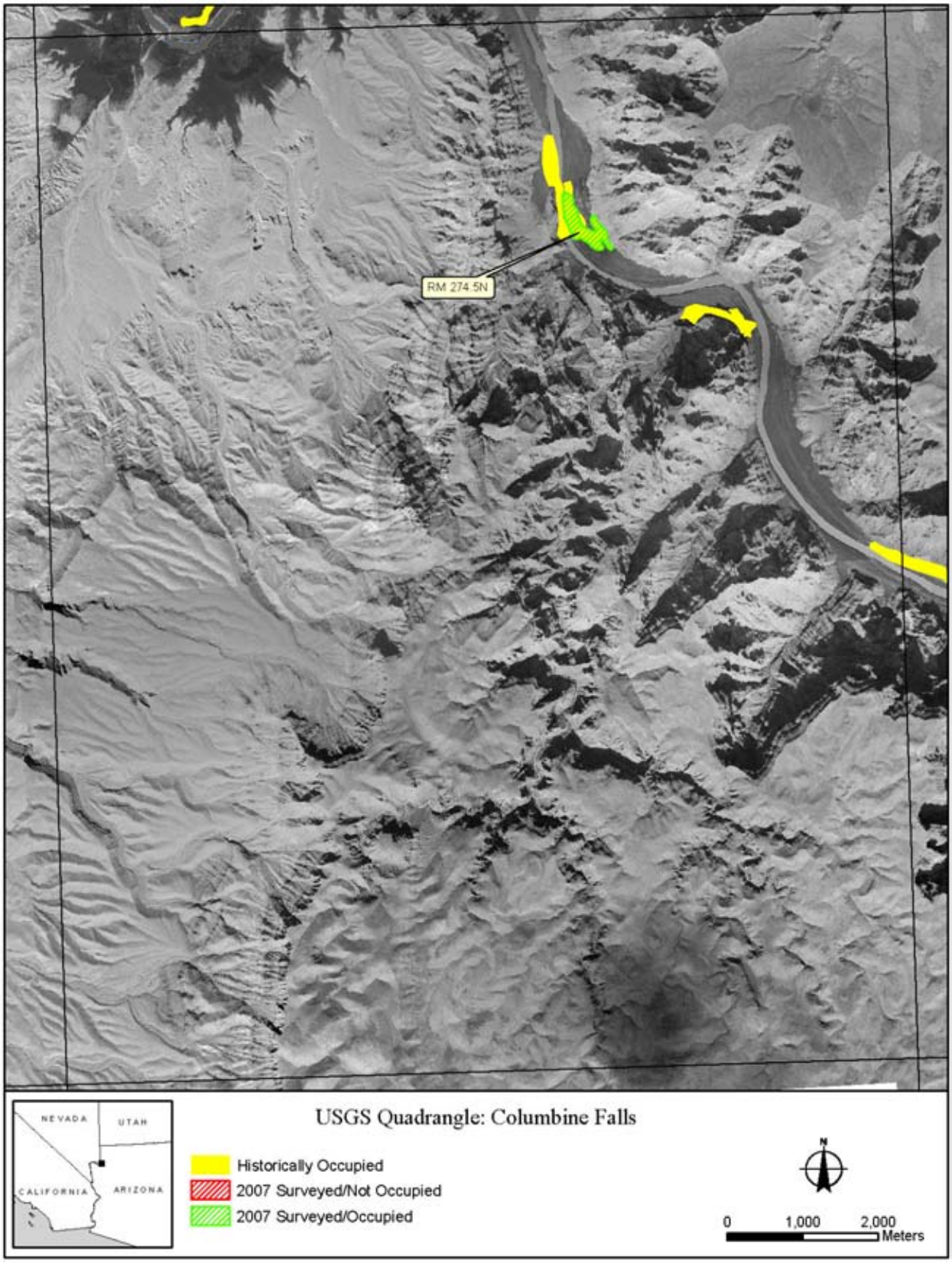

ELECTRIC AVENUE NORTH
ELECTRIC AVENUE SOUTH
BUNKER FARM
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Flat Top Mesa
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

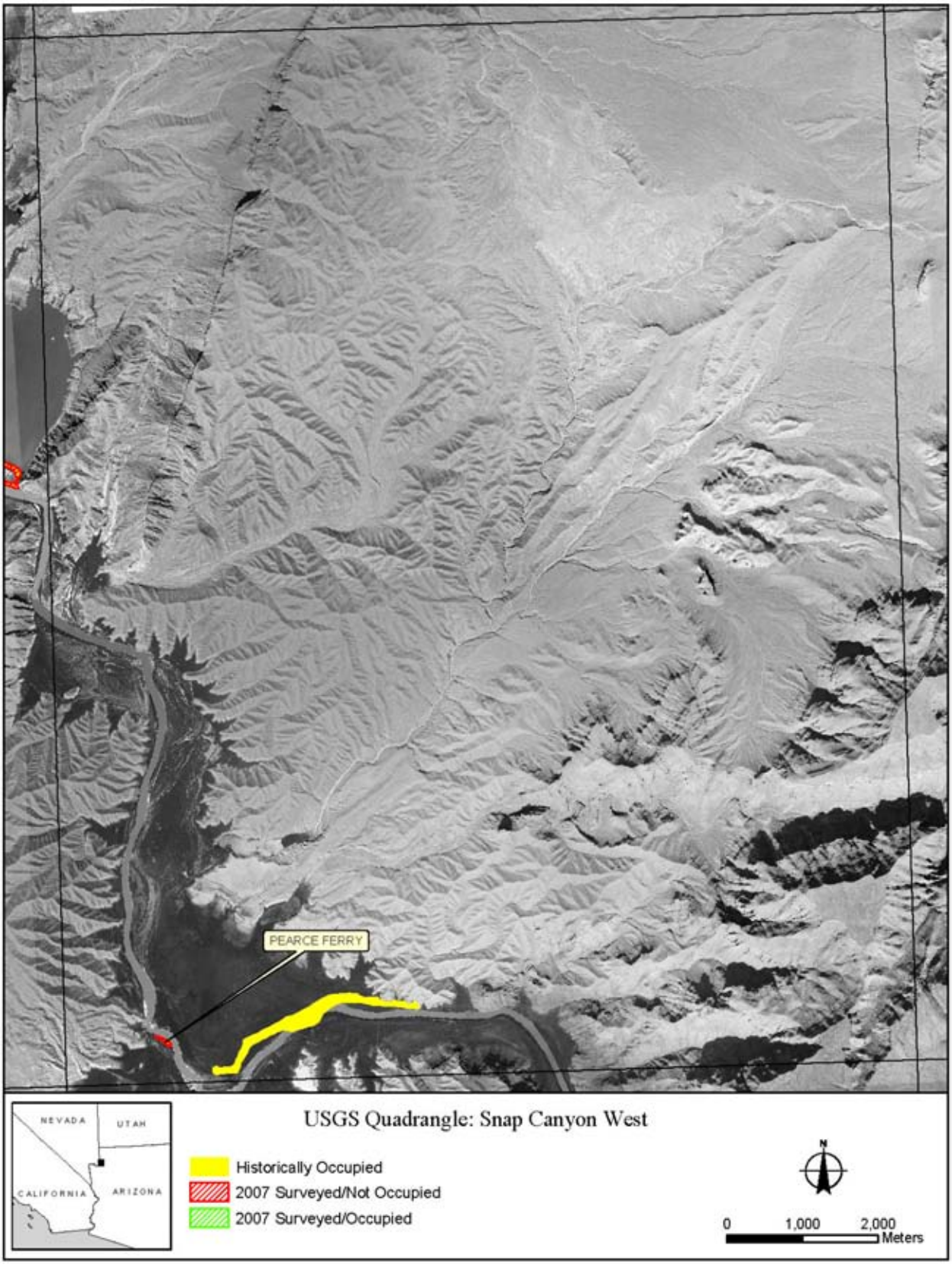

MORMON MESA NORTH
HEDGEROW
MORMON MESA SOUTH (SOUTH)
MORMON MESA SOUTH (NORTH)
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Overton NE
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

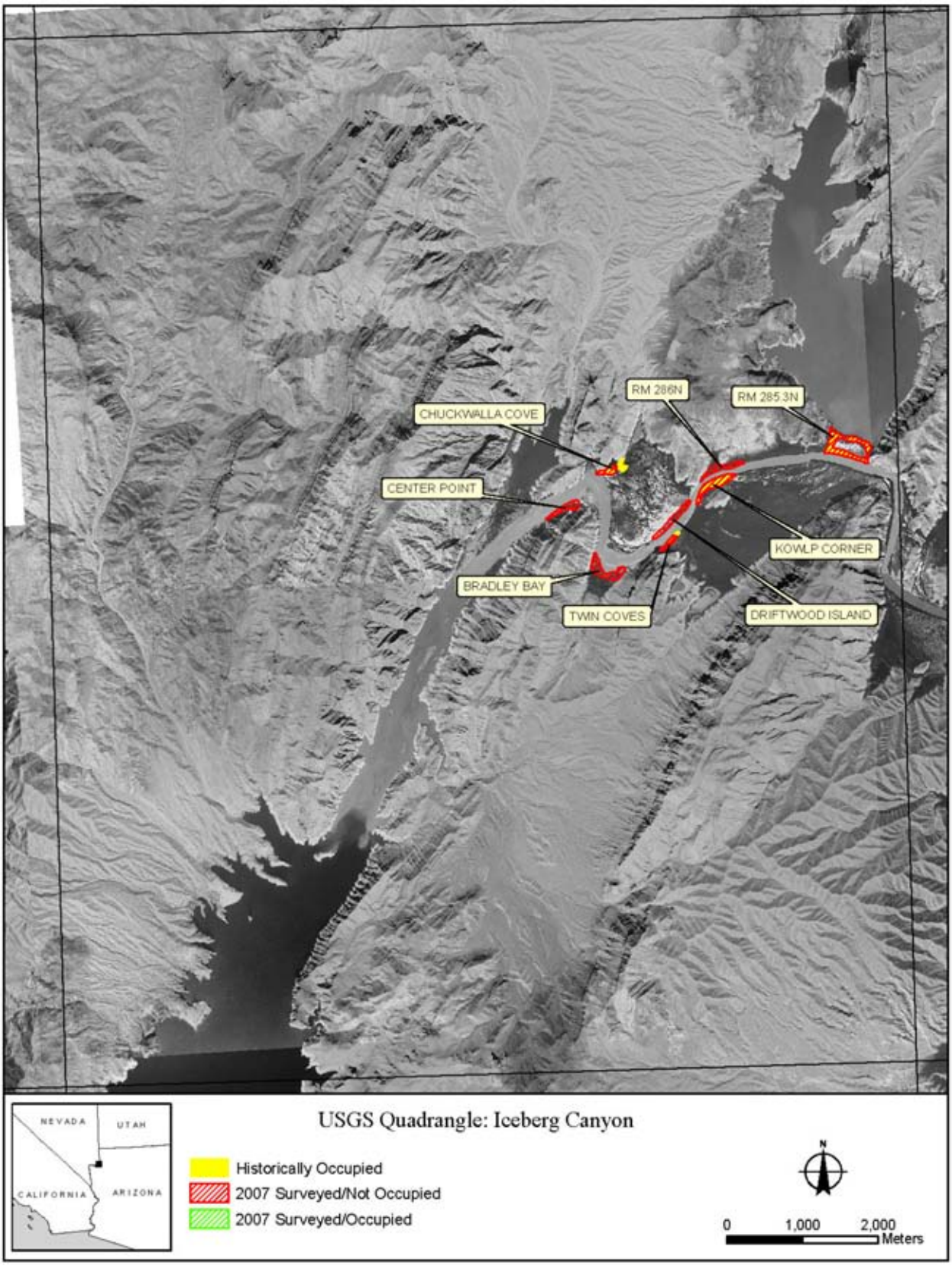

VIRGIN RIVER #1 NORTH
VIRGIN RIVER #1 SOUTH
VIRGIN RIVER #2
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Overton SE
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

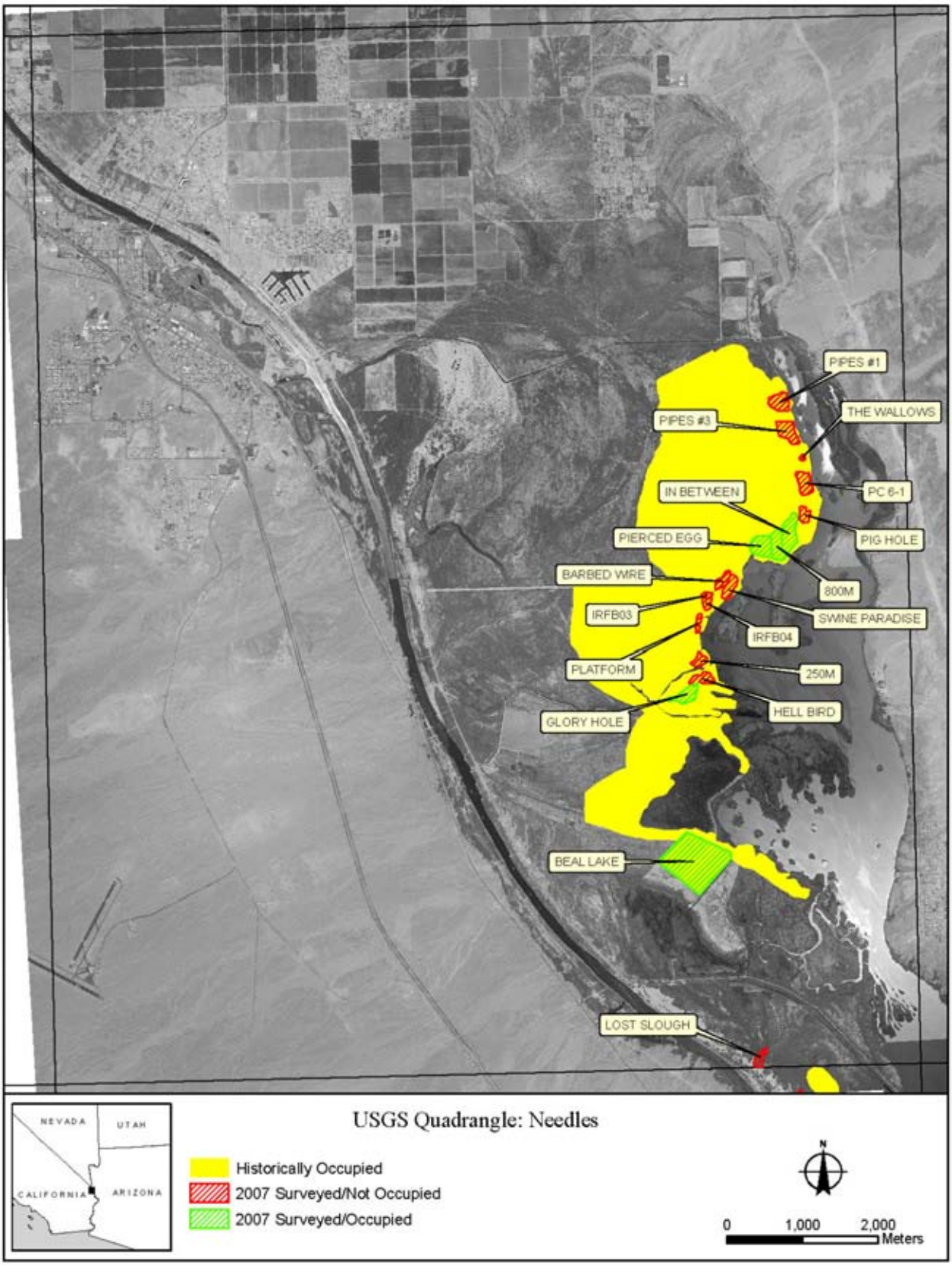

OVERTON WMA POND
OVERTON WMA
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Overton
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

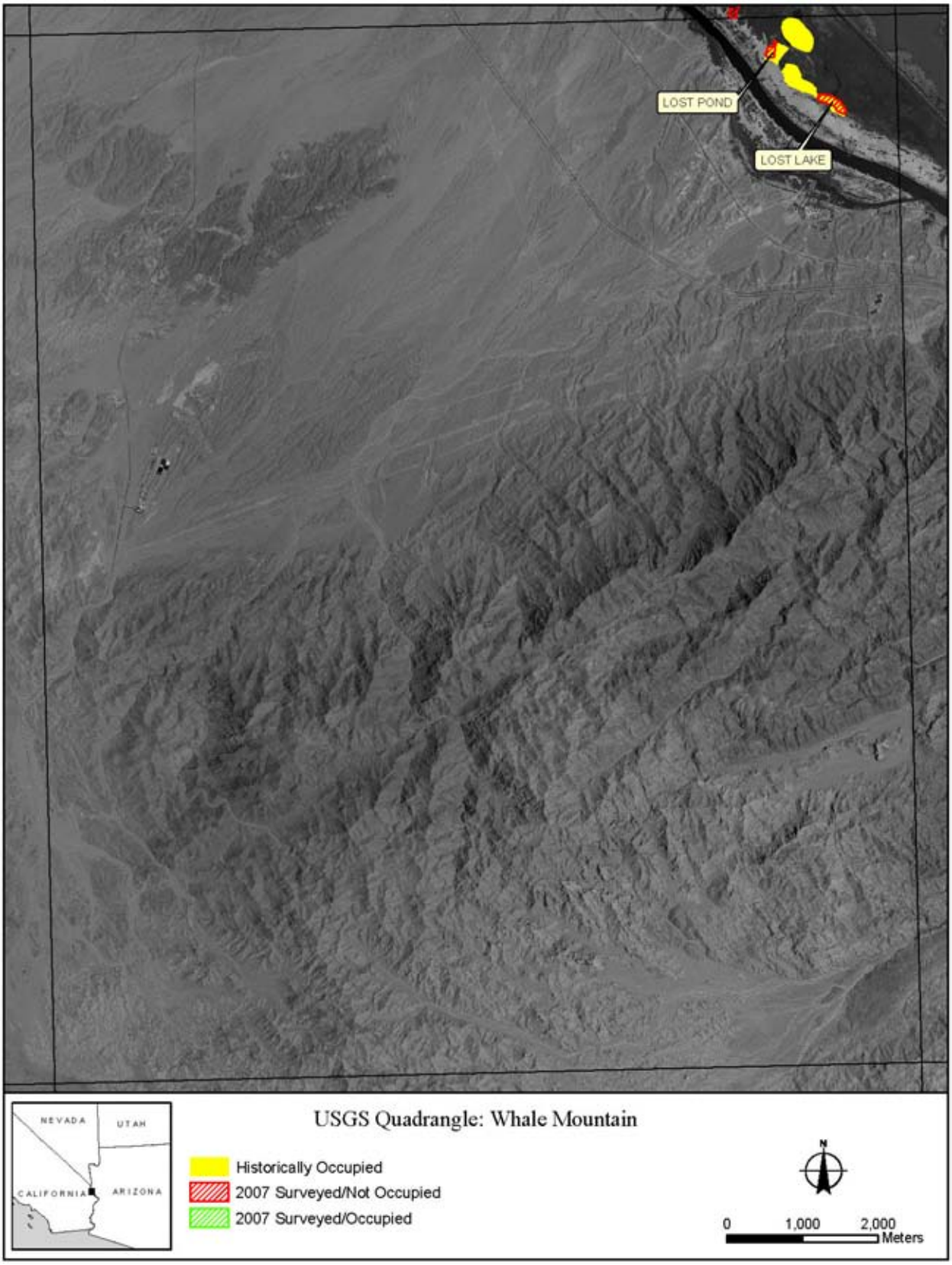

BURNT SPRING/RM 259.5N
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Devils Slide Rapids
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

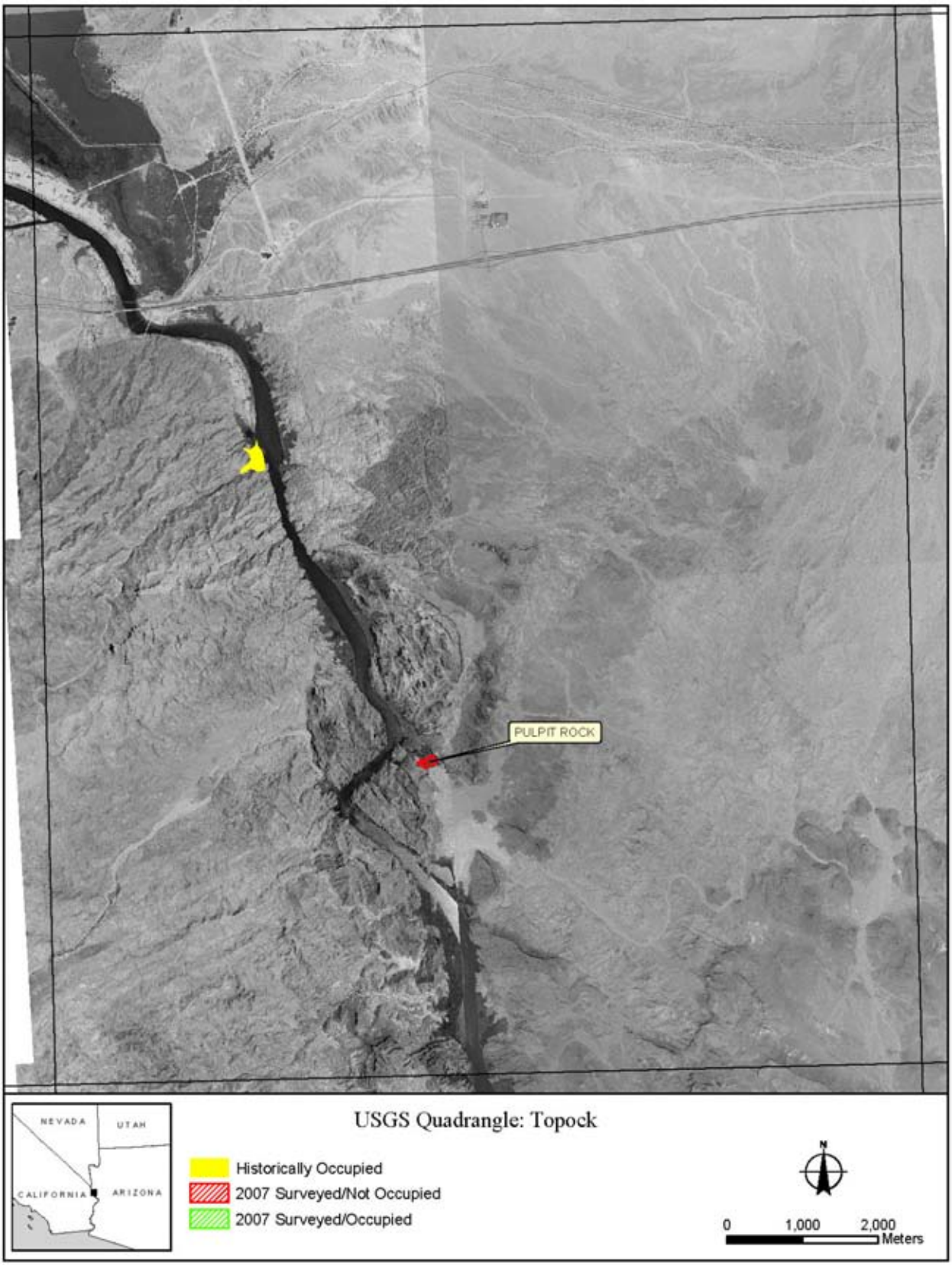

RM 274.5N
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Columbine Falls
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

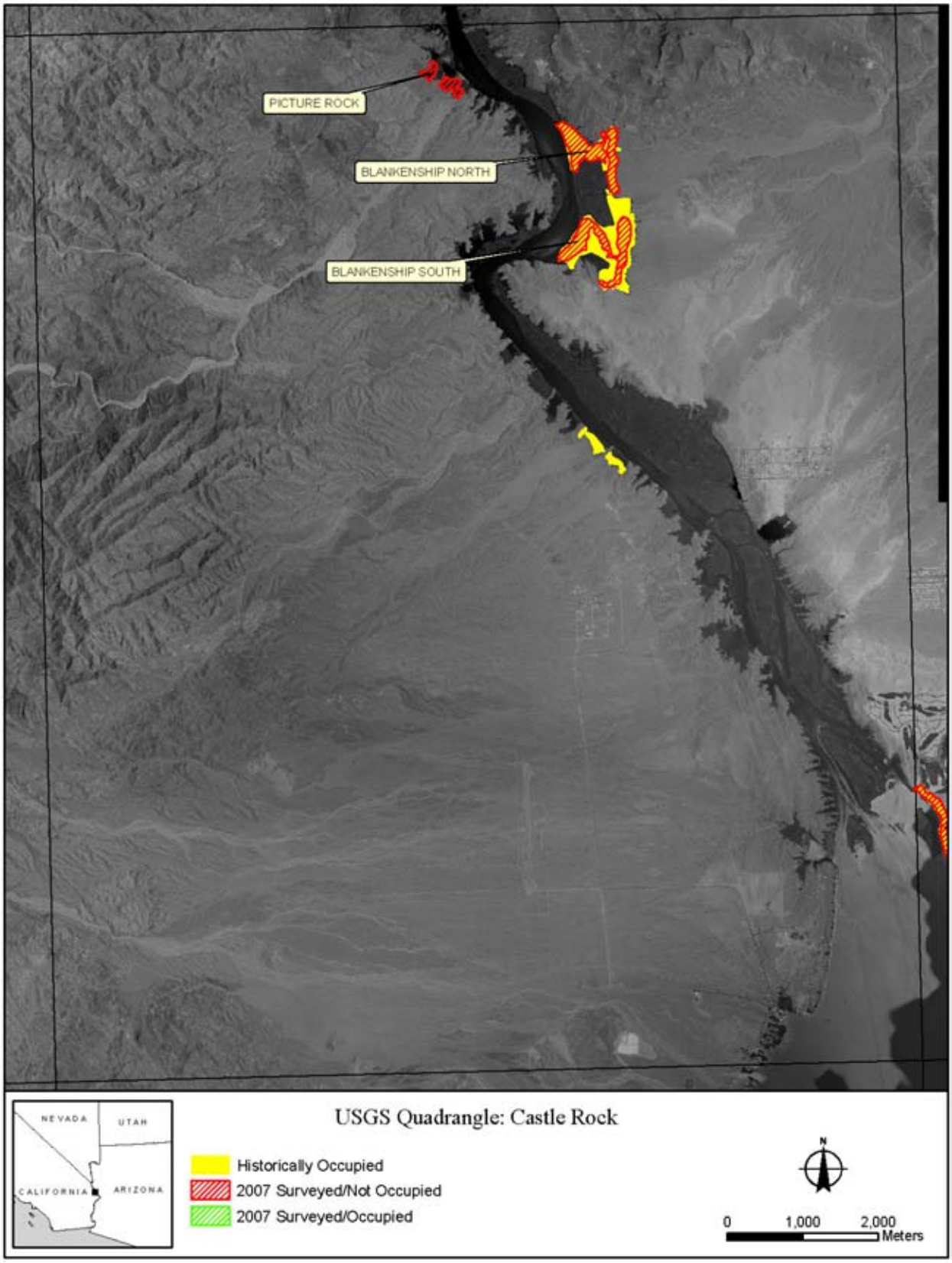

PEARCE FERRY
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Snap Canyon West
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

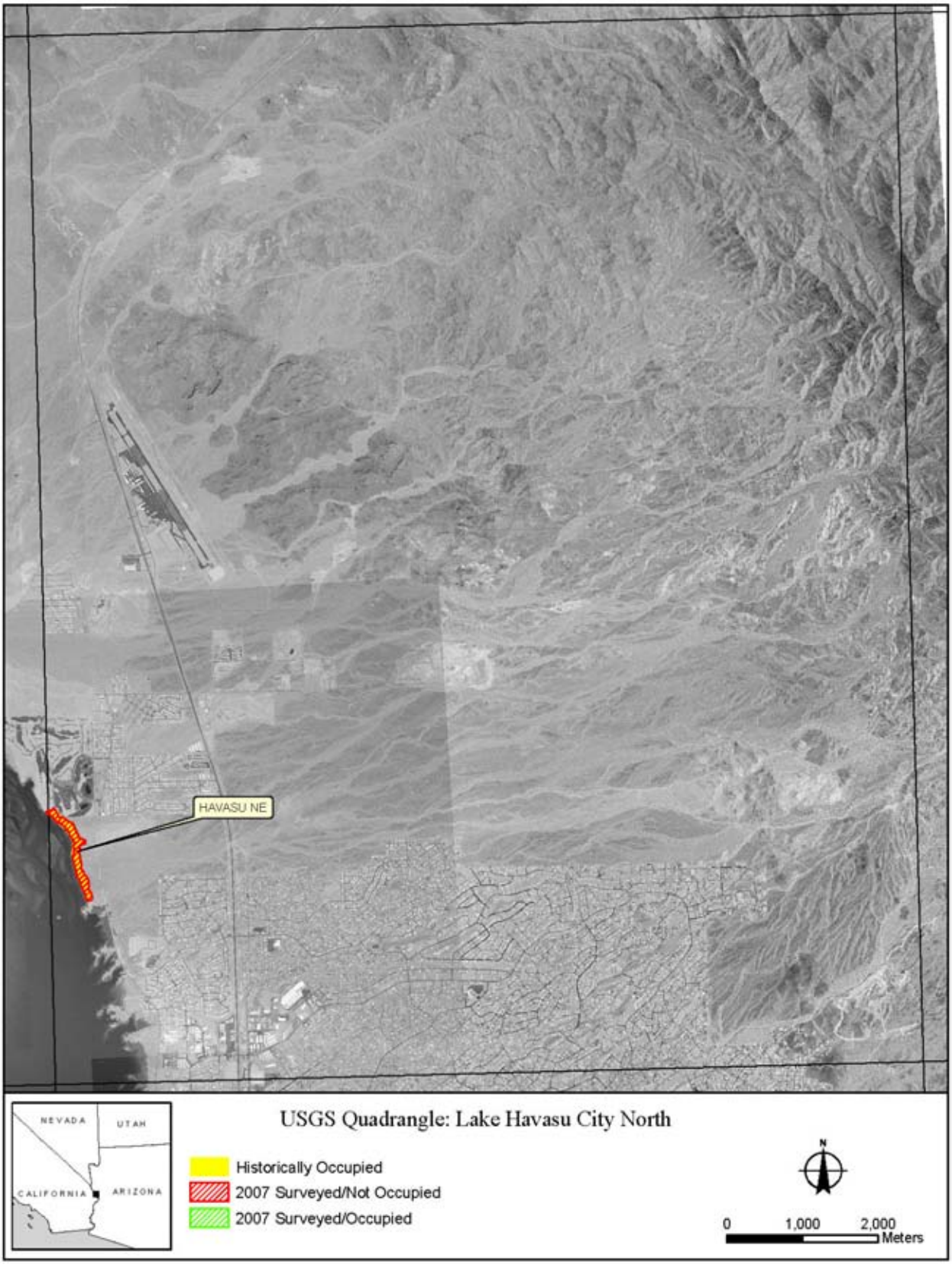

CHUCKWALLA COVE
RM 286N
RM 285.3N
CENTER POINT
KOWLP CORNER
BRADLEY BAY
TWIN COVES
DRIFTWOOD ISLAND
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Iceberg Canyon
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

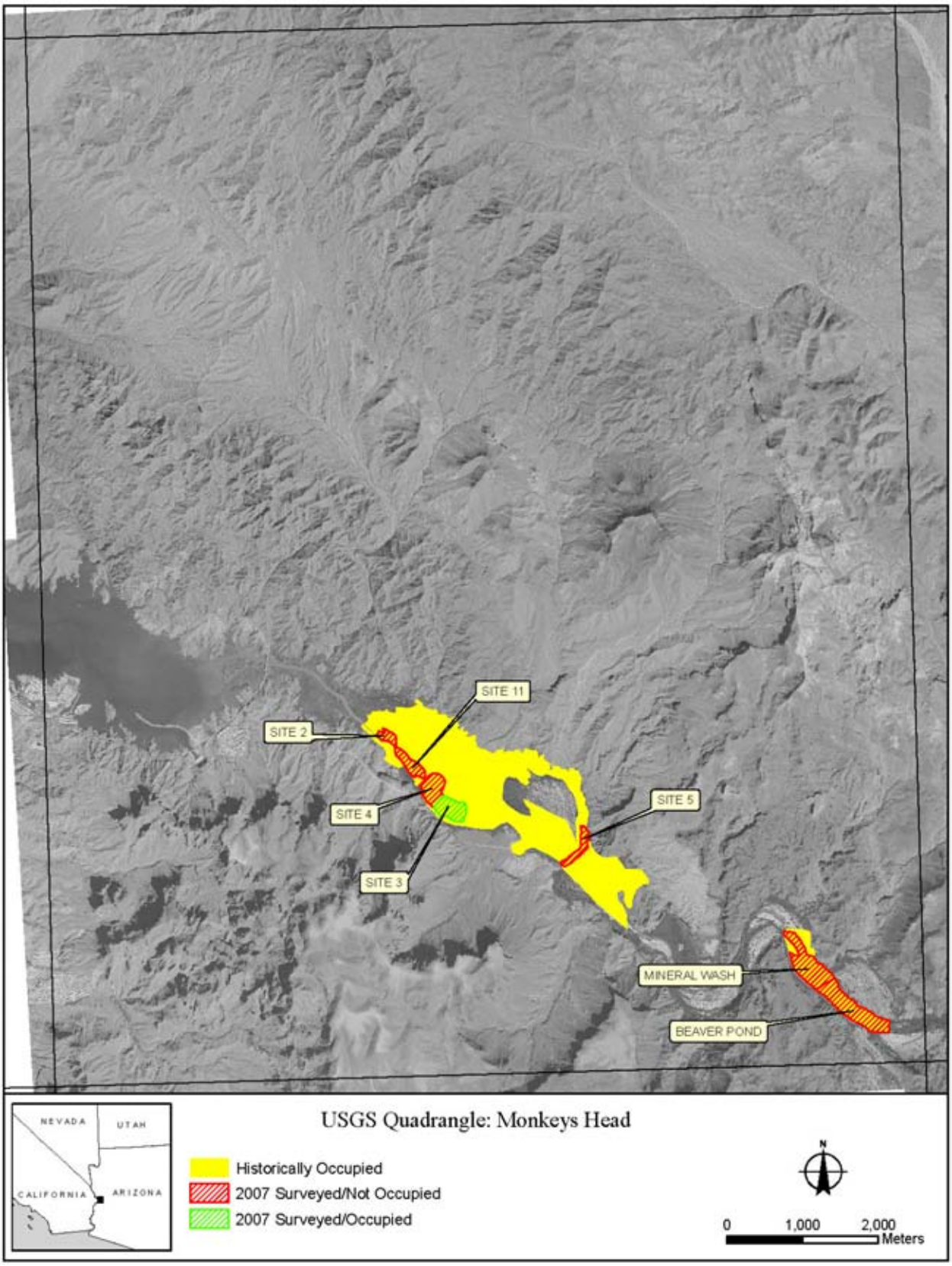

PIPES #1
THE WALLOWS
PIPES #3
PC 6-1
IN BETWEEN
PIG HOLE
PIERCED EGG
800M
BARBED WIRE
SWINE PARADISE
IRFB03
IRFB04
PLATFORM
250M
HELL BIRD
GLORY HOLE
BEAL LAKE
LOST SLOUGH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Needles
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

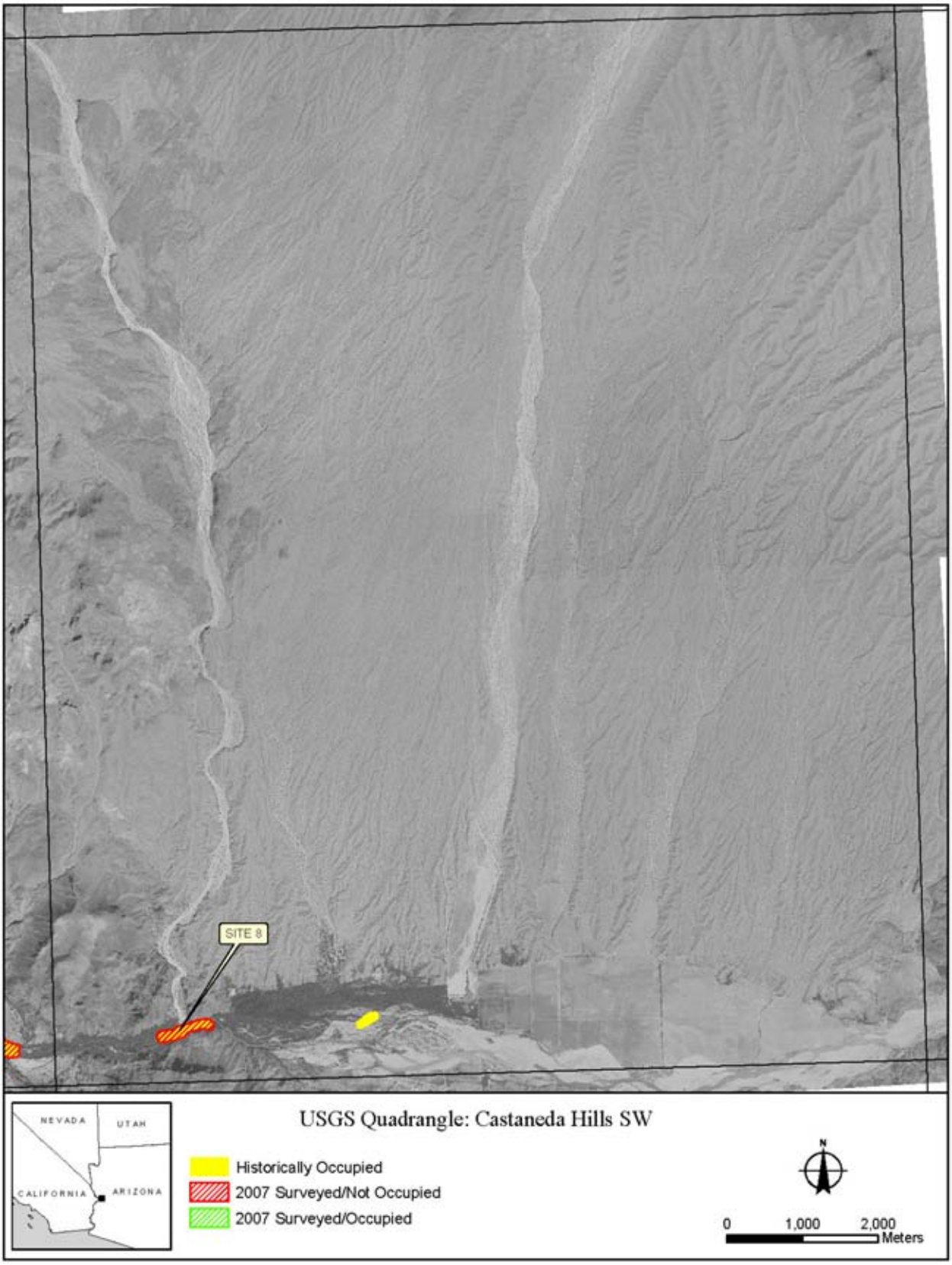

LOST POND
LOST LAKE
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Whale Mountain
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


PULPIT ROCK
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Topock
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


PICTURE ROCK
BLANKENSHIP NORTH
BLANKENSHIP SOUTH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Castle Rock
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

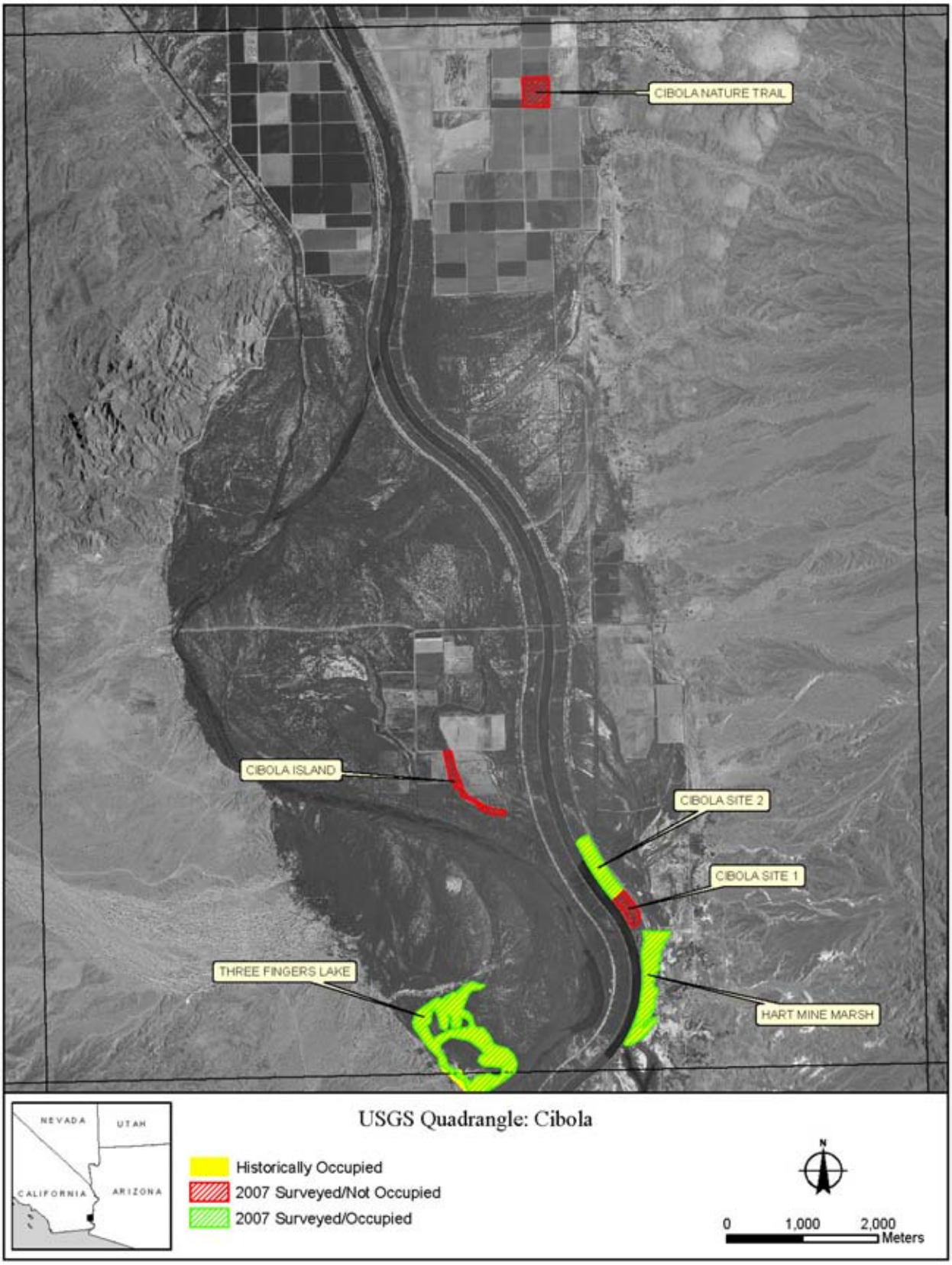

HAVASU NE
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Lake Havasu City North
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

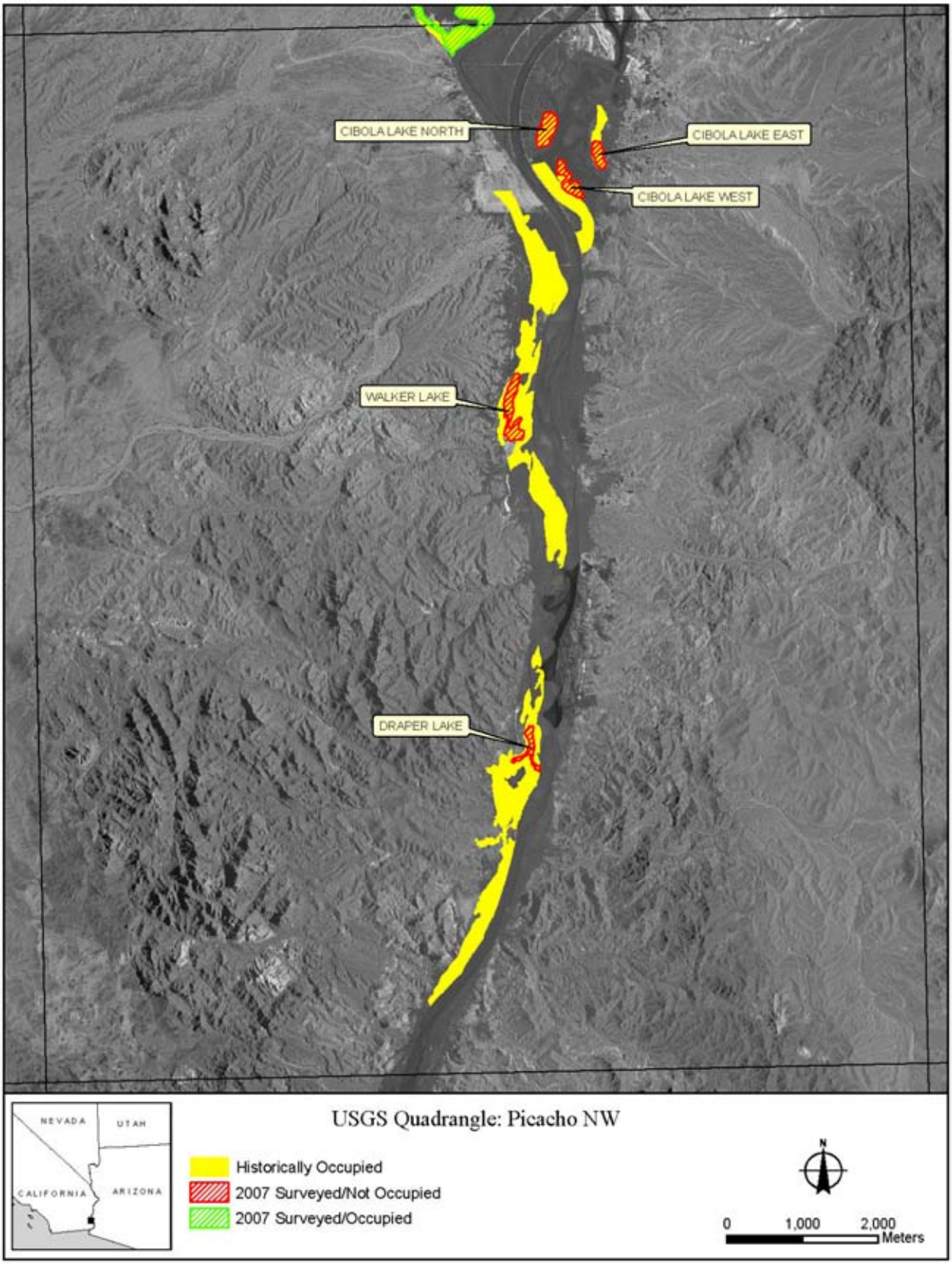

SITE 11
SITE 2
SITE 4
SITE 5
SITE 3
MINERAL WASH
BEAVER POND
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Monkeys Head
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

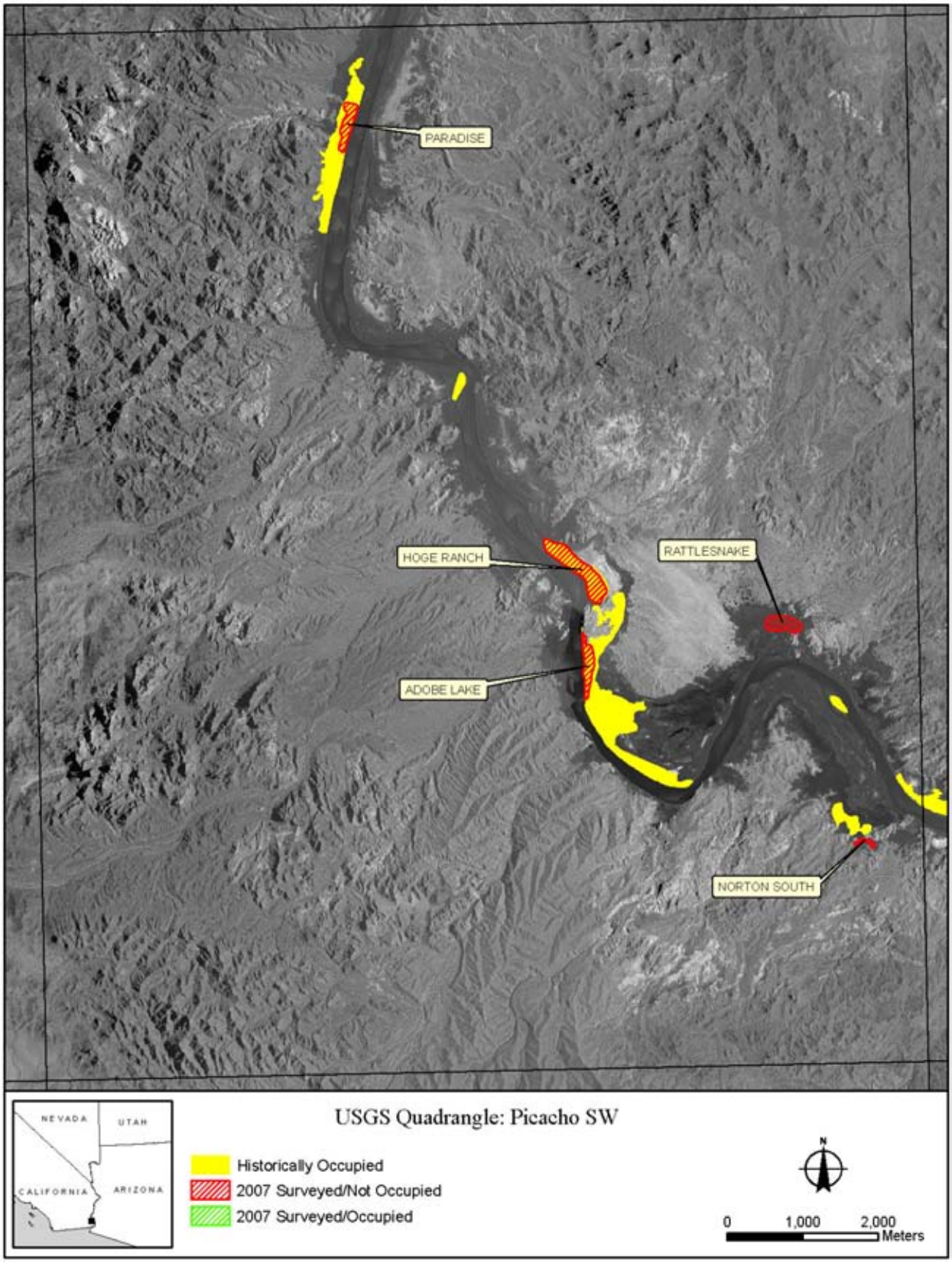

SITE 8
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Castaneda Hills SW
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

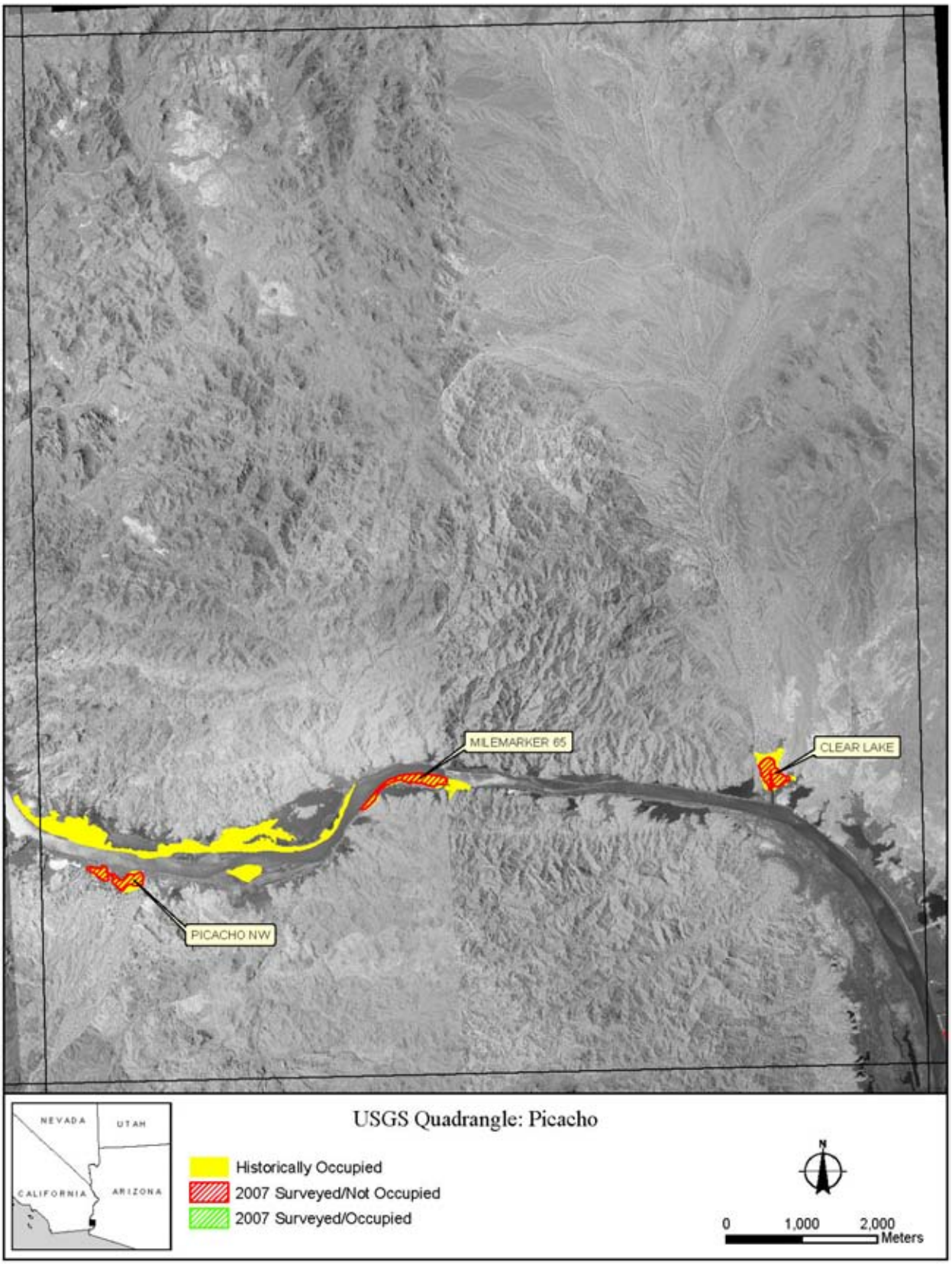
BIG HOLE SLOUGH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Blythe NE
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

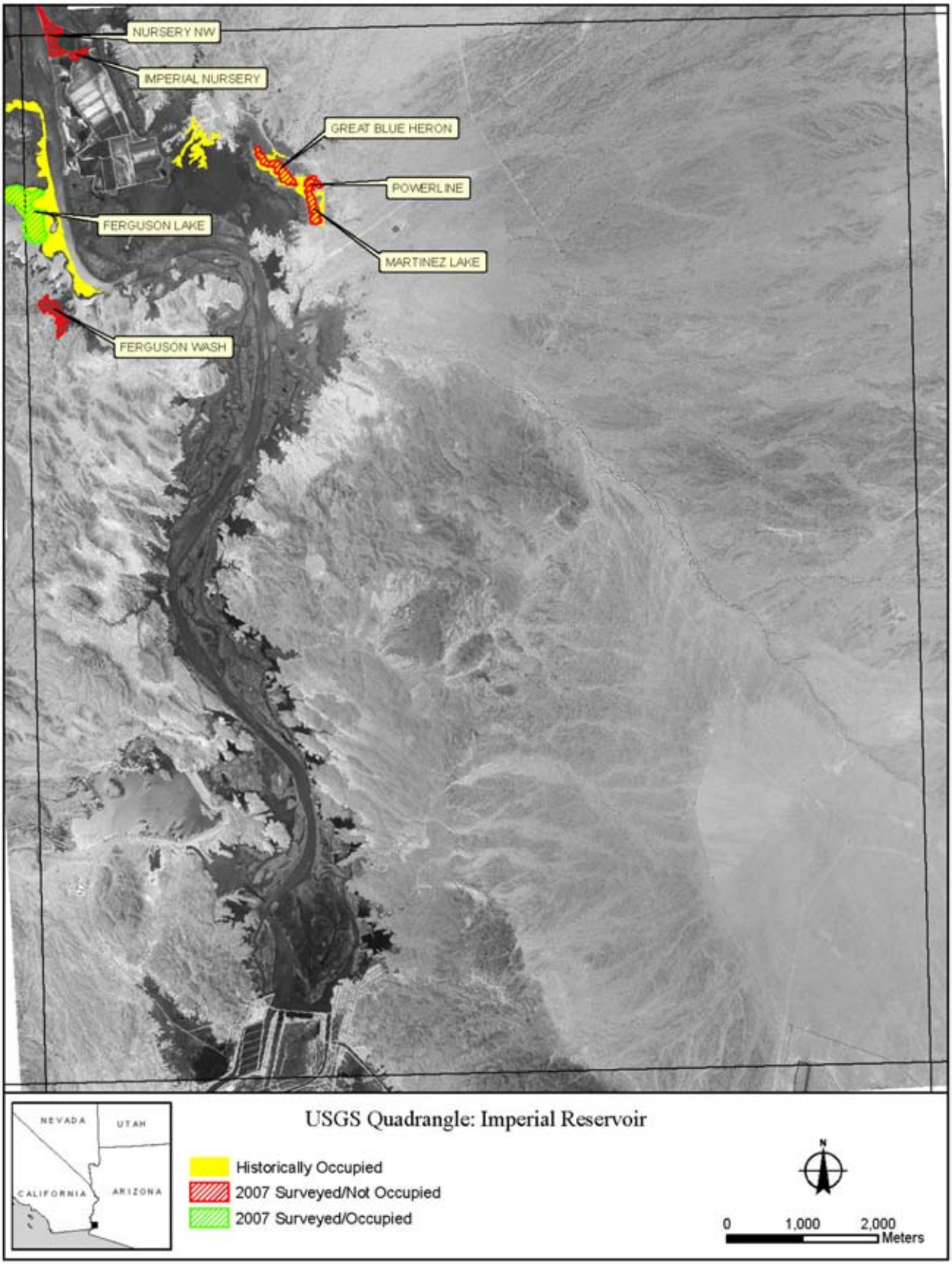
EHRENBERG
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Blythe
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

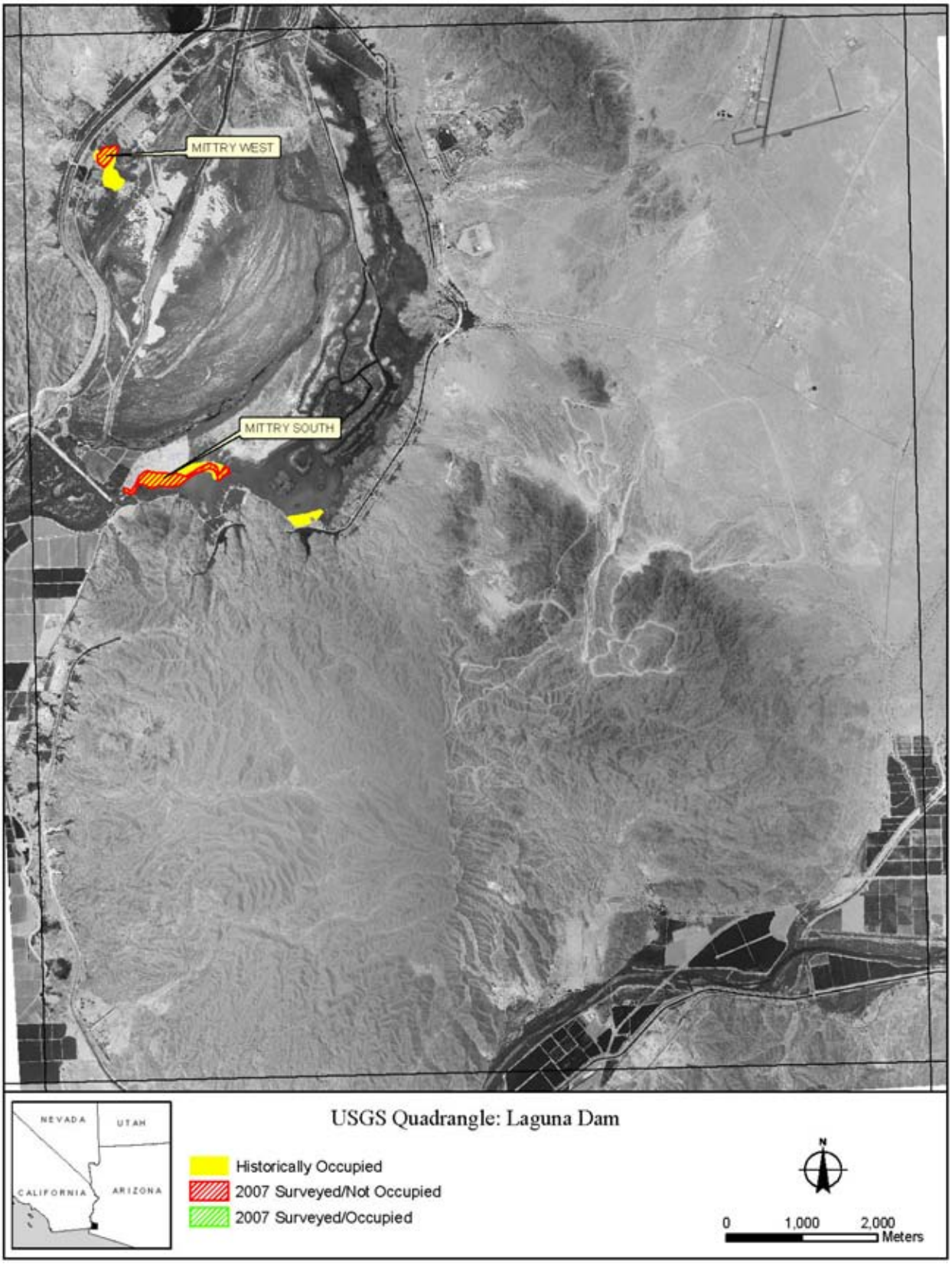

CIBOLA NATURE TRAIL
CIBOLA ISLAND
CIBOLA SITE 2
CIBOLA SITE 1
THREE FINGERS LAKE
HART MINE MARSH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Cibola
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


CIBOLA LAKE NORTH
CIBOLA LAKE EAST
CIBOLA LAKE WEST
WALKER LAKE
DRAPER LAKE
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Picacho NW
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


PARADISE
HOGE RANCH
RATTLESNAKE
ADOBE LAKE
NORTON SOUTH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Picacho SW
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


MILEMARKER 65
CLEAR LAKE
PICACHO NW
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Picacho
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


NURSERY NW
IMPERIAL NURSERY
GREAT BLUE HERON
POWERLINE
FERGUSON LAKE
MARTINEZ LAKE
FERGUSON WASH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Imperial Reservoir
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

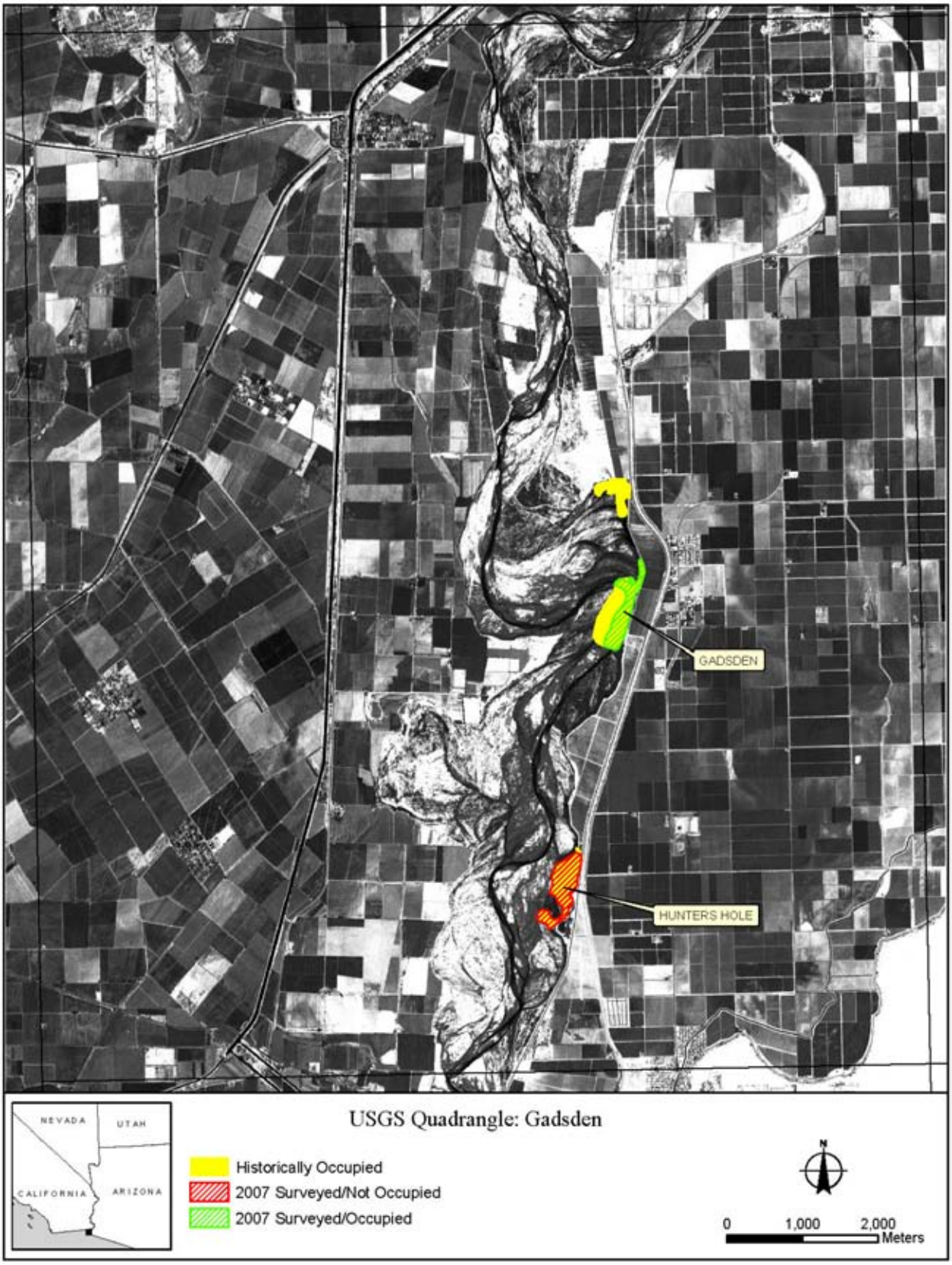

MITTRY WEST
MITTRY SOUTH
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Laguna Dam
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

POTHOLES WEST
POTHOLES EAST
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Bard
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

FORTUNA NORTH
GILA RIVER SITE 2
FORTUNA SITE 1
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Fortuna
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

GILA CONFLUENCE NORTH
GILA RIVER SITE 1
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Yuma East
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters

MORELOS DAM
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Yuma West
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters


GADSDEN
HUNTERS HOLE
NEVADA
UTAH
CALIFORNIA
ARIZONA
USGS Quadrangle: Gadsden
Historically Occupied
2007 Surveyed/Not Occupied
2007 Surveyed/Occupied
N
0
1,000
2,000
Meters