Figure M 3-1W

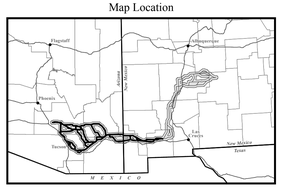
Geological Hazards and Mineral Resources

SUNZIA SOUTHWEST TRANSMISSION PROJECT DEIS/RMPA

SunZia

WESTERN AREA | EASTERN AREA

Map Location



General Reference Features

- City
- State Highway
- U.S. Highway
- Interstate
- River/Stream
- Railroad
- County Boundary
- State Boundary
- Jurisdictional Boundary
- Wilderness/Wilderness Study Area (WSA)
- Lake/Reservoir
- Continental Divide

Project Features

- Substation Site
- Alternative Transmission Line Route

Inventory Key

- Milepost Identifier
- Link Node
- Reference Centerline of Alternative Route
- Study Corridor
- Link Identifier

Resource Inventory

GEOLOGICAL HAZARDS

- Earthquake Epicenter
- Quaternary Fault
- Fissure

HYDROLOGICAL HAZARDS

- Federal Emergency Management Agency 100 Year Floodplain

Note: Floodplains are not shown in areas where FEMA floodplain delineations have not been completed.

MINERAL RESOURCES

- High
  Active Mines, Active Mining Claims, Oil/Gas Wells, Geothermal Wells
- Moderate
  Inactive Mines, Inactive Mining Claims, Mineral Occurences, Oil/Gas Leases, Geothermal Leases, Coal Leases, Potential Mineral Resources
- Mining Districts
- Potential Geothermal Area

Impact Levels

- High
- Moderate - High
- Moderate
- Low - Moderate
- Low

Impact Key

- Residual Impact
- Study Corridor

Sources:

Resource Data:
United States Department of Agriculture, Natural Resources Conservation Service 2010
United States Forest Service 2010
United States Geological Survey 2010
Arizona Geological Survey 2009
New Mexico Bureau of Geology and Mineral Resources 2009
Federal Emergency Management Agency 2011

Base Data:
United States Geological Survey, National Elevation Dataset 1999-2010
Arizona Bureau of Land Management 2010
Arizona State Land Department 2010
New Mexico Bureau of Land Management 2009
ESRI StreetMap 2010
EPG Inc. 2010

Contour Interval 50 Meters

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

epg

May 2012

Scale in Miles

0 3 6 12 18 24

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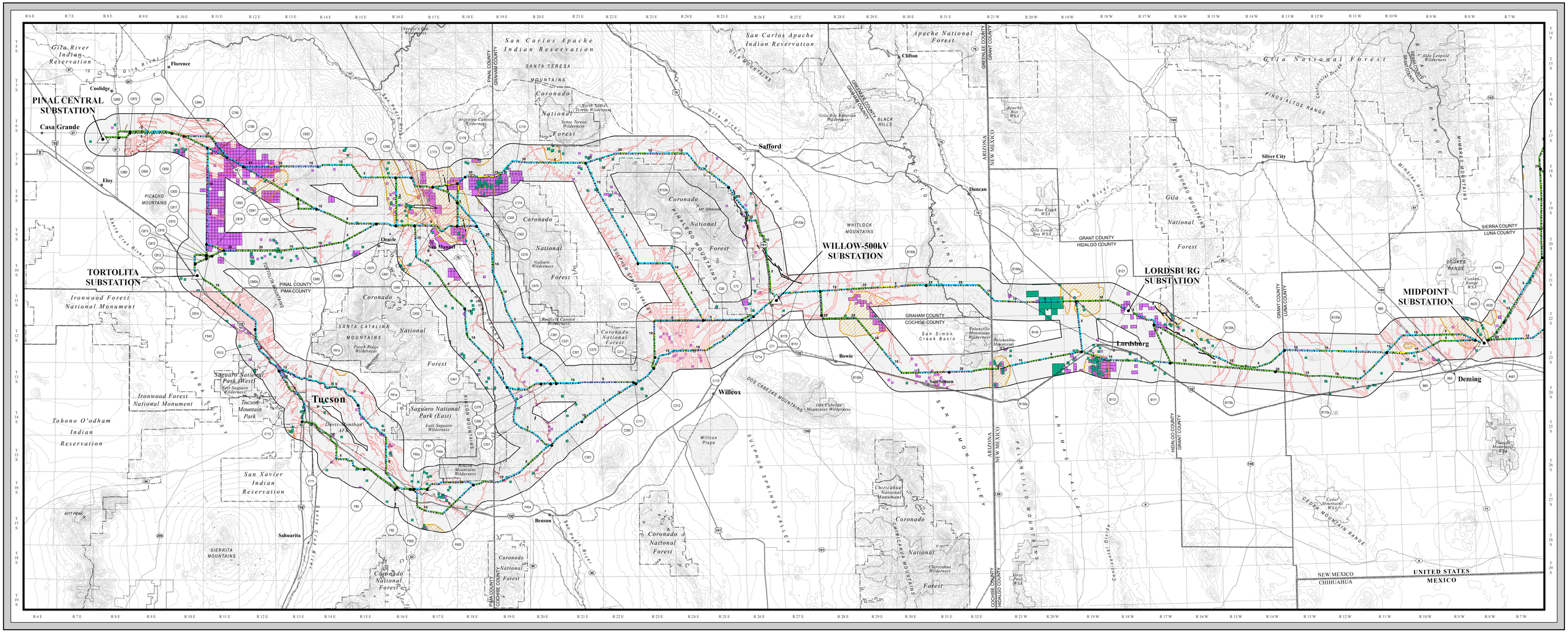
S:\EPG\Geospatial\Projects\SunZia\SunZiaSW\MXD\PHX_GIS_02\DEIS_2\impacts\geohazards_impacts_W.mxd (26 Apr 2012)