Instructions for Mapping Products and GIS Files

The Bureau of Land Management (BLM) provides maps associated with its annual project proposals to the Department of the Interior (DOI) for inclusion to the President's Budget Request, and as part of a briefing package for congressional staffers who recommend projects for funding to Congress. These maps are powerful tools to tell our story visually and the story is only as good as its map.

Attached are samples of maps which have been used in the past and demonstrate the standard that is utilized in producing these maps for the above uses. Please note that since these projects are for Recreational Access Projects, a project boundary does not need to be a specially designated area (e.g., SRMA, ACEC). However, the map you submit should reflect current public lands and any designated areas that will help to show the reader where the project is located. Please work with your GIS support staff to produce maps consistent with the following:

- The project title is centered at the top and is the same as the project title of your data sheet.
- The project boundary is in black and is labeled by the project name as indicated on the proposal.
- Maps that are specifically for access projects should show the public lands that are opened up through this acquisition. Clearly identify these lands by 1) cross-hatching the area(s) being opened and/or 2) showing the roads and/or trails that will provide access into the previously inaccessible areas (see map 2).
- One map needs to be at a scale which allows access roads and trails to be clearly illustrated and identified by the road/trail name or number. Each route must be labeled or coded as:
  - public (county or state),
  - BLM existing,
  - BLM proposed,
  - Private, legal access allowed,
  - Private, informal access allowed, or
  - Private, access not allowed (current trespass issue).
- BLM standard colors are used for each map, i.e. BLM yellow is used for public lands; blue for State lands; etc.
- All of the proposed fee acquisition parcels are in red; easement acquisitions are red with hatched black lines.
- The nearest urban area(s) is/are identified and distance is provided (e.g., Delta - 3 miles) .
- Other Federal or state units are identified, i.e. National Park, Forest, State Park, etc.
- Rivers and lakes are labeled
- Highways are depicted
- A location map is at the bottom left
- Legends are consistent i.e., the project boundary, purchase, and ownership layers/colors
- The BLM and DOI emblems are consistent
- All on 8 1/2 x 11
- Map 1 shows the entire project boundary
- Map 2 (more if needed) shows parcels in detail but are oriented such that the location is clear

GIS Guidance: All land acquisition requests shall include a GIS Shape File of the parcels represented in the application. A parcel should be represented as a polygon (applies to Fee, CE, Water Rights) and an access easement should be represented as a line. Each parcel shall contain attributes which identify the parcel for consideration of funding. A separate shape file is required to be submitted for each project area.

Standards: Each Shape File will have the following attributes for each individual parcel (all of the data in the attribute table should match the application data):

1. Project Area Name
2. Unique Parcel Name (Matches the names in the application)
3. Acres to be acquired (Matches the acres of each parcel in the application, **NOT** GIS Acres. Access easements should also be represented as acres for reporting purposes.)
4. Funding Request (Matches the dollar amount for each parcel in the application)
5. Interest to be acquired (Fee, Conservation Easement, Water Rights, Access Easement, or Other)
6. Funding Type (Core, Collaborative, Rec Access)
7. Partner Name (This is the partner who is assisting in the acquisition and will sign a Letter of Intent, use standard/consistent abbreviation i.e. The Nature Conservancy would be listed as TNC)
8. Phase Number (**IF** the parcel is to be phased, identify which portion of the parcel is which phase. No Phasing = Null)

Template Geaodatabase: In an effort to standardize naming and formatting, a template geodatabase (.gdb) has been created and should be used. Download the .gdb at \\blm\dfs\wo\ms\pub\wo350\LWCF\Washington Office\LWCF Templates, file name "Template_2017.gdb". Offices should change the file name to the following naming convention for final submission: "[State]_[Project Area Name]_[Funding Type].gdb".
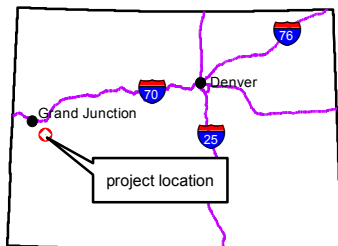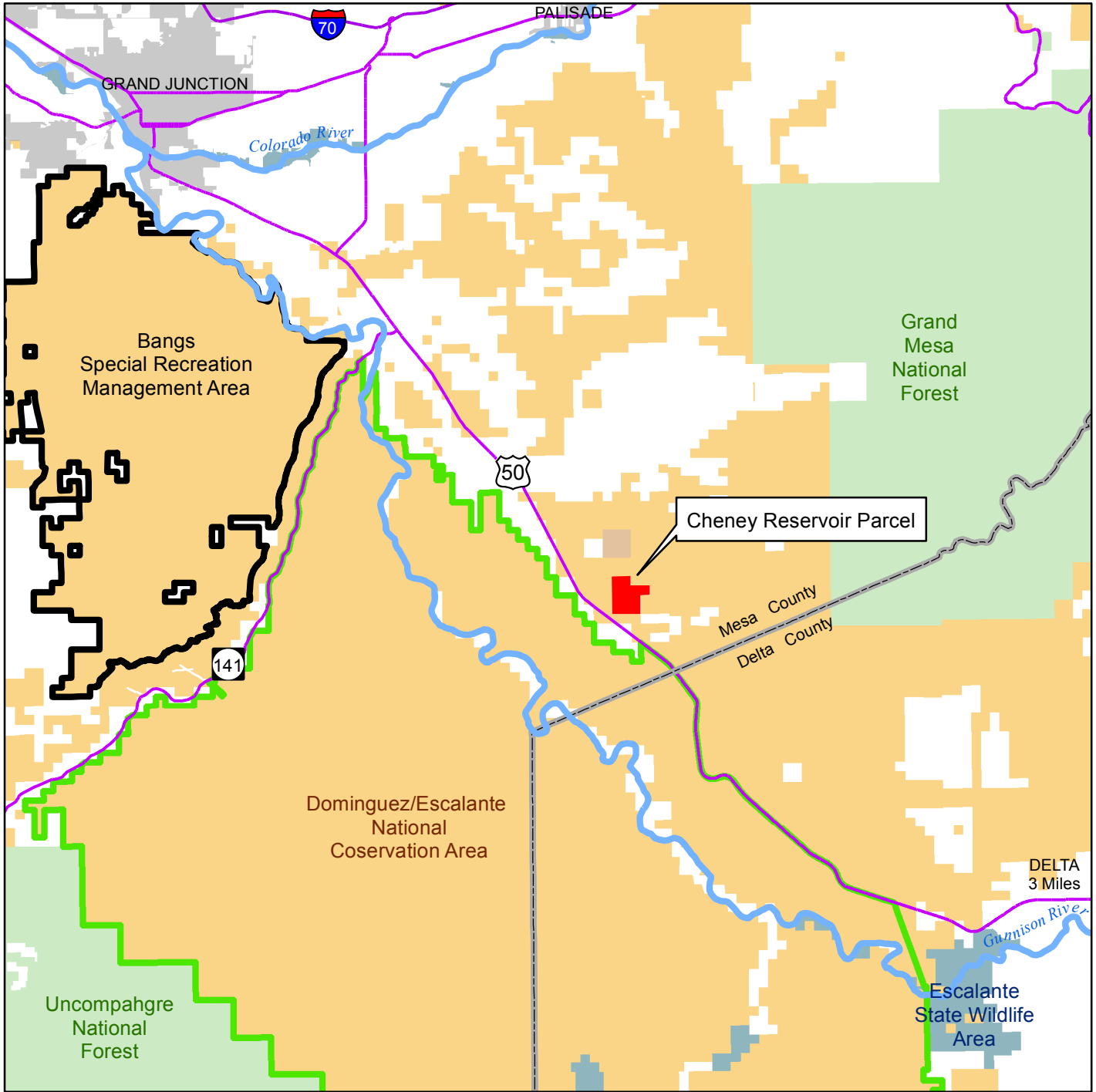
Example 1: ID_Lower Salmon River ACEC_Core.gdb.

Example 2: AZ_Coyote Mountain Wilderness_Rec Access.gdb

Do Not Include: This data set is intended to represent the current year application only. Submitting additional information will become confusing and cause unnecessary work to clarify issues. Only the parcels listed in the application should be represented in the shape file. Do not include any parcels which have already been acquired by the BLM or being held by Partners for a subsequent application cycle. Also do not include any donations or pending acquisitions which have already been funded.

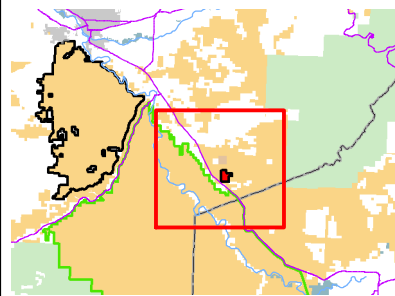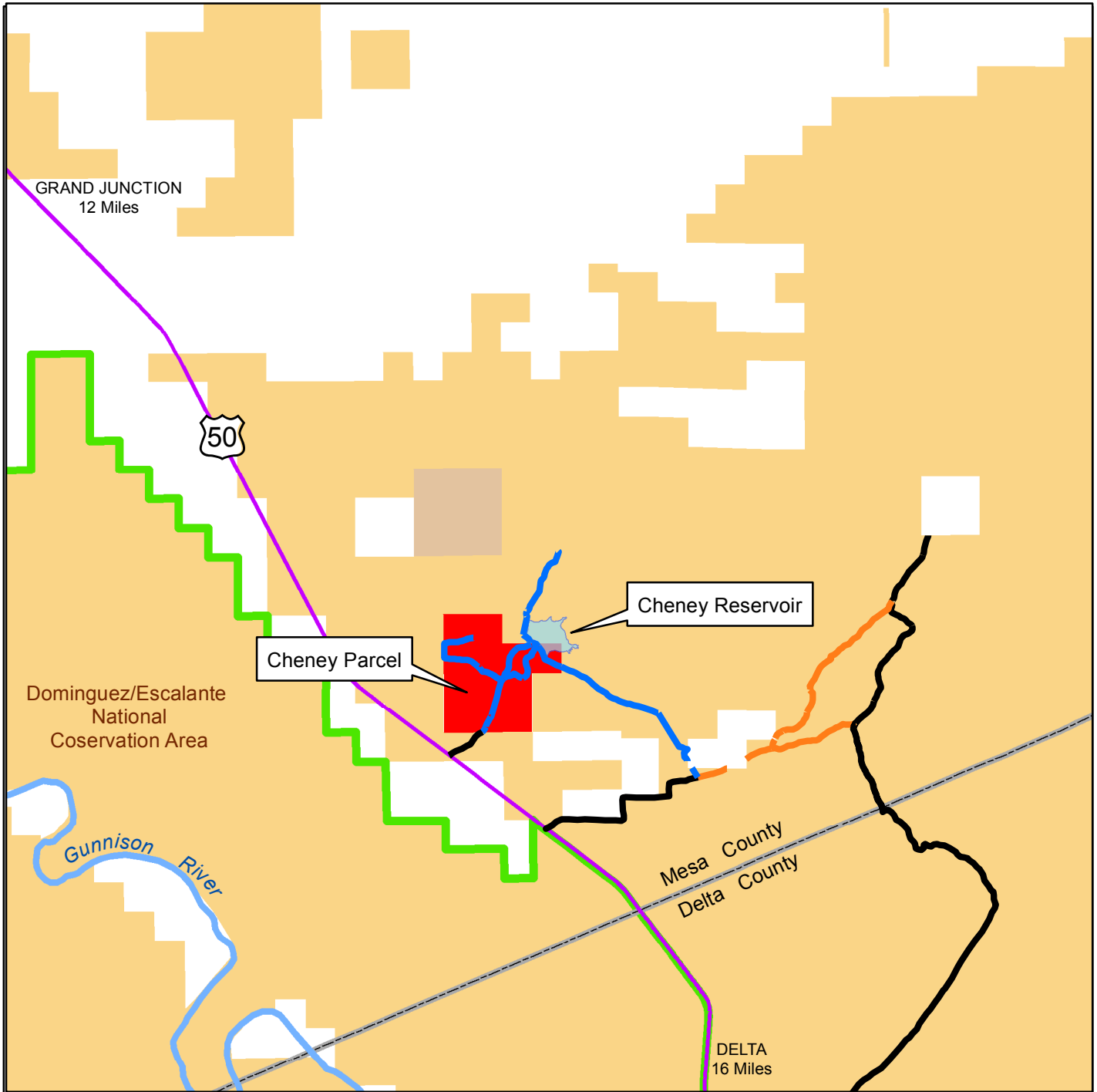# South Grand Mesa Slopes- Cheney Reservoir

Map 1 of 3

PALISADE

GRAND JUNCTION

Colorado River

70

Bangs
Special Recreation
Management Area

Grand
Mesa
National
Forest

50

Cheney Reservoir Parcel

141

Mesa   County

Delta   County

Dominguez/Escalante
National
Coservation Area

DELTA
3 Miles

Uncompahgre
National
Forest

Gunnison River

Escalante
State Wildlife
Area

Location in Colorado

76

Denver

70

Grand Junction

25

project location

Legend

- Proposed Purchase with RAF
- County Boundaries
- City of Grand Junction
- Bureau of Land Management
- SRMA Boundary
- Dept of Energy
- Private
- State
- US Forest Service
- DENCA Boundary

N

| 0 | 2.5 | 5 | 7.5 | 10 | Miles |

04-12-16

South Grand Mesa Slopes- Cheney Reservoir

Map 2 of 3

GRAND JUNCTION
12 Miles

50

Cheney Reservoir

Cheney Parcel

Dominguez/Escalante
National
Coservation Area

Gunnison River

Mesa County
Delta County

DELTA
16 Miles

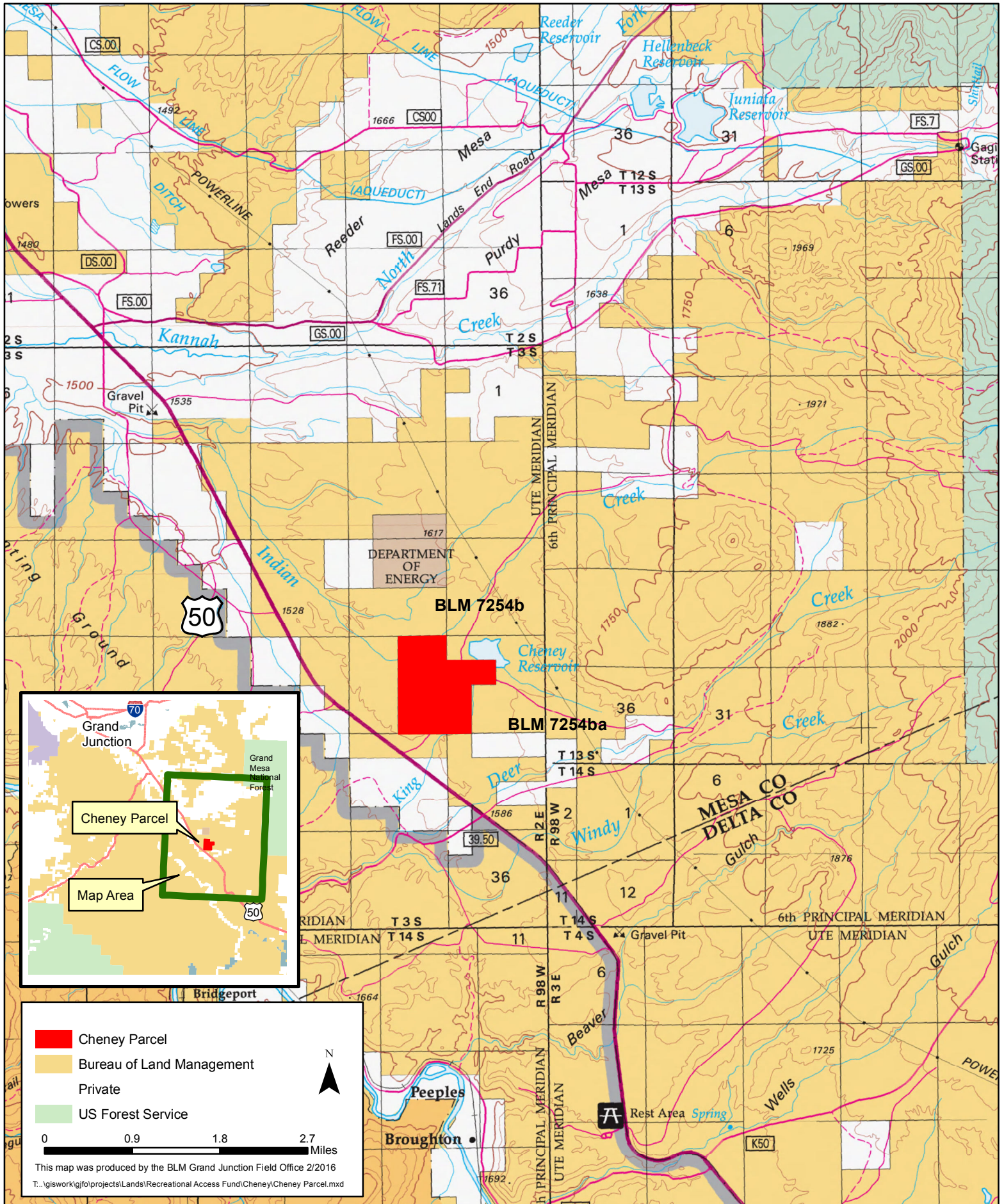South Grand Mesa Slopes

Legend:
- Proposed Purchase with RAF
- County Boundaries
- Bureau of Land Management
- Dept of Energy
- Private
- DENCA Boundary

- Routes that are Designated as Open
- Routes that would be Designated as Open Following Acquisition of the Private Parcel
- Routes that are Currently Undesignated, Current use will Continue until the Route is Designated.

N

0 1 2 3 4 Miles

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

04-12-16

South Grand Mesa Slopes- Cheney Reservoir

Map 3 of 3

BLM 7254b

BLM 7254ba

DEPARTMENT OF ENERGY

Cheney Reservoir

Grand Junction

Grand Mesa National Forest

Cheney Parcel

Map Area
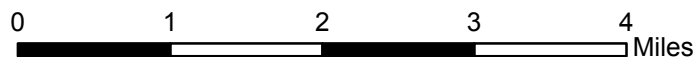
Legend

- **Cheney Parcel** (red)
- **Bureau of Land Management** (tan)
- **Private** (white)
- **US Forest Service** (green)

N

0   0.9   1.8   2.7 Miles

This map was produced by the BLM Grand Junction Field Office 2/2016

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