Figure 3.2-1 Water Resources

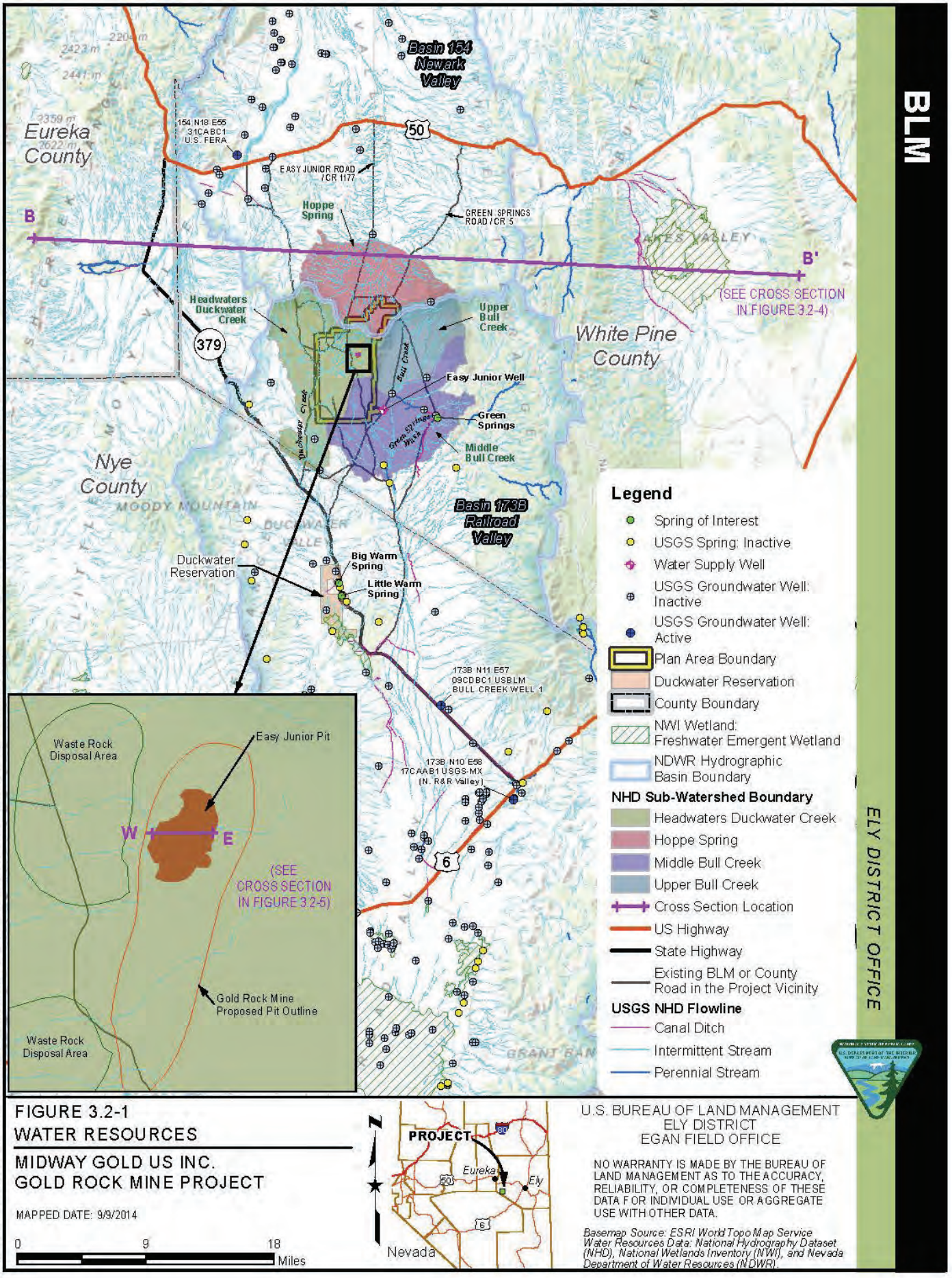
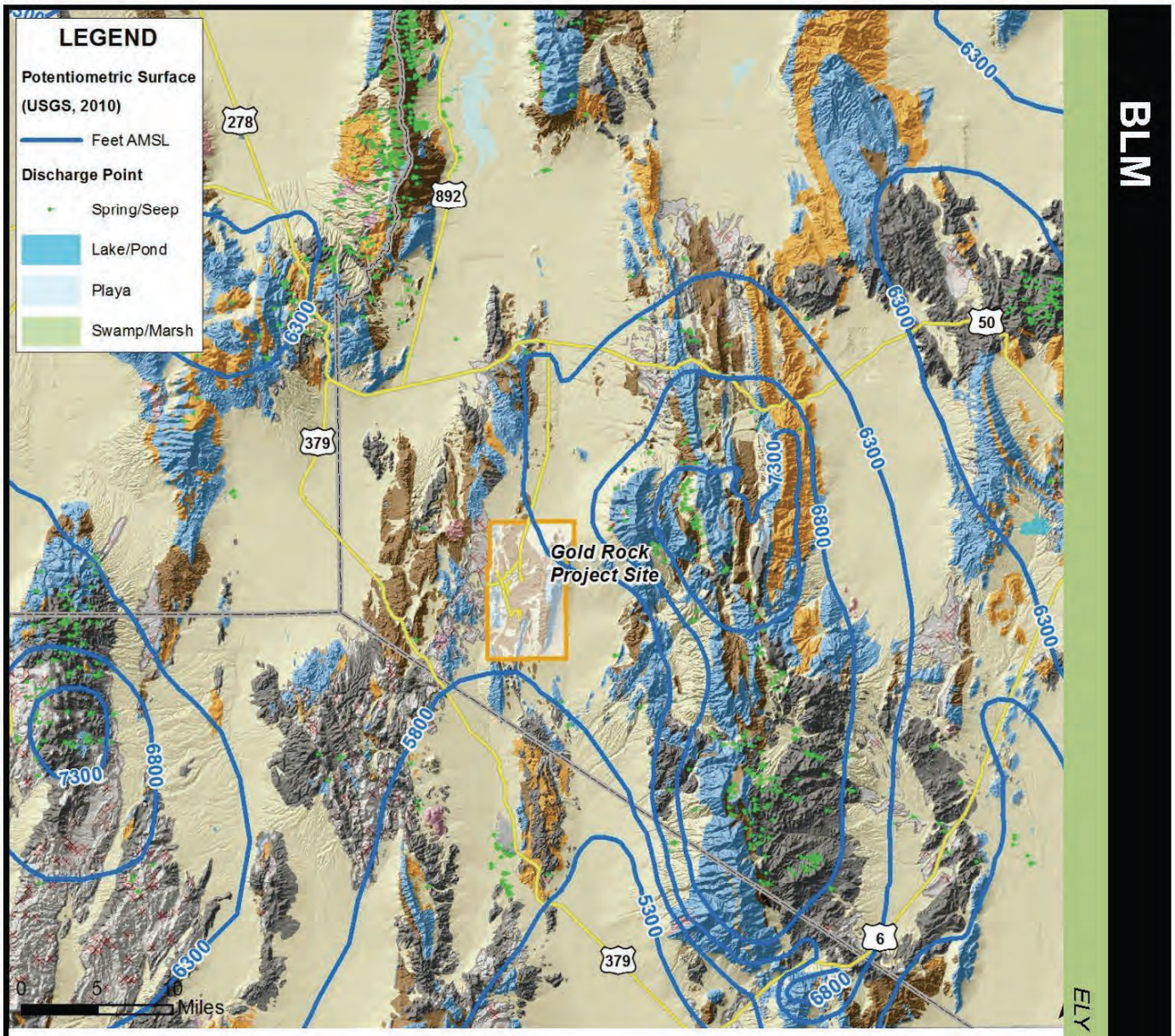


Figure 3.2-2 Topographic Map of the Plan Area

Figure 3.2-3 Regional Hydrogeology



ADDITIONAL LEGEND

Lithology

- Paleozoic - Quartz Rich
- Paleozoic - Carbonate
- Paleozoic - Mudrock
- Intrusive
- Undifferentiated Alluvium
- Volcanic - Flow
- Volcanic - Tuff
- Breccia

FIGURE 3.2-3
REGIONAL HYDROGEOLOGY

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

ADAPTED FROM FIGURE 8 IN INTERRALOGIC, INC. 2012.
ADAPTED ON: MAY 26, 2014

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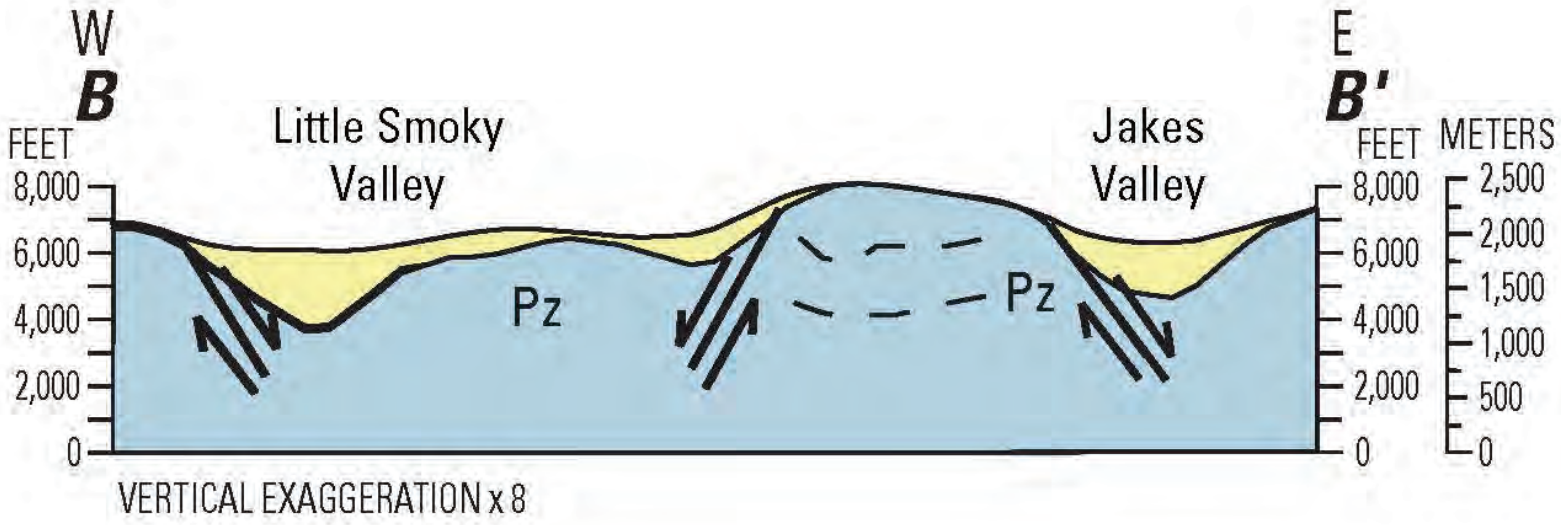
06/03/2014 SYRACUSE, DIV/GROUP: ENV/IM-DV DJHOWES
CO001817/0000/00001/CDR001817G07.CDR

Figure 3.2-4 Hydrogeologic Cross Section Near the Plan Area



EXPLANATION

Cenozoic basin fill
Tso?, possible old, consolidated sediments

Cenozoic volcanic rocks

pre-Cenozoic rocks
Pz; Paleozoic, mostly carbonate rocks
PC; preCambrian, mostly non-carbonate rocks

Fault

Contact

General bedding attitude

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FIGURE 3.2-4
HYDROGEOLOGIC CROSS SECTION
NEAR THE PLAN AREA

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

FORMATTED ON: AUG 22, 2014

SOURCE:
CROSS SECTION A ON FIGURE 9 IN WELCH, BRIGHT AND KNOCHENMUS 2007.

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Figure 3.2-5 Generalized Geologic Cross Section at the Existing Easy Junior Pit

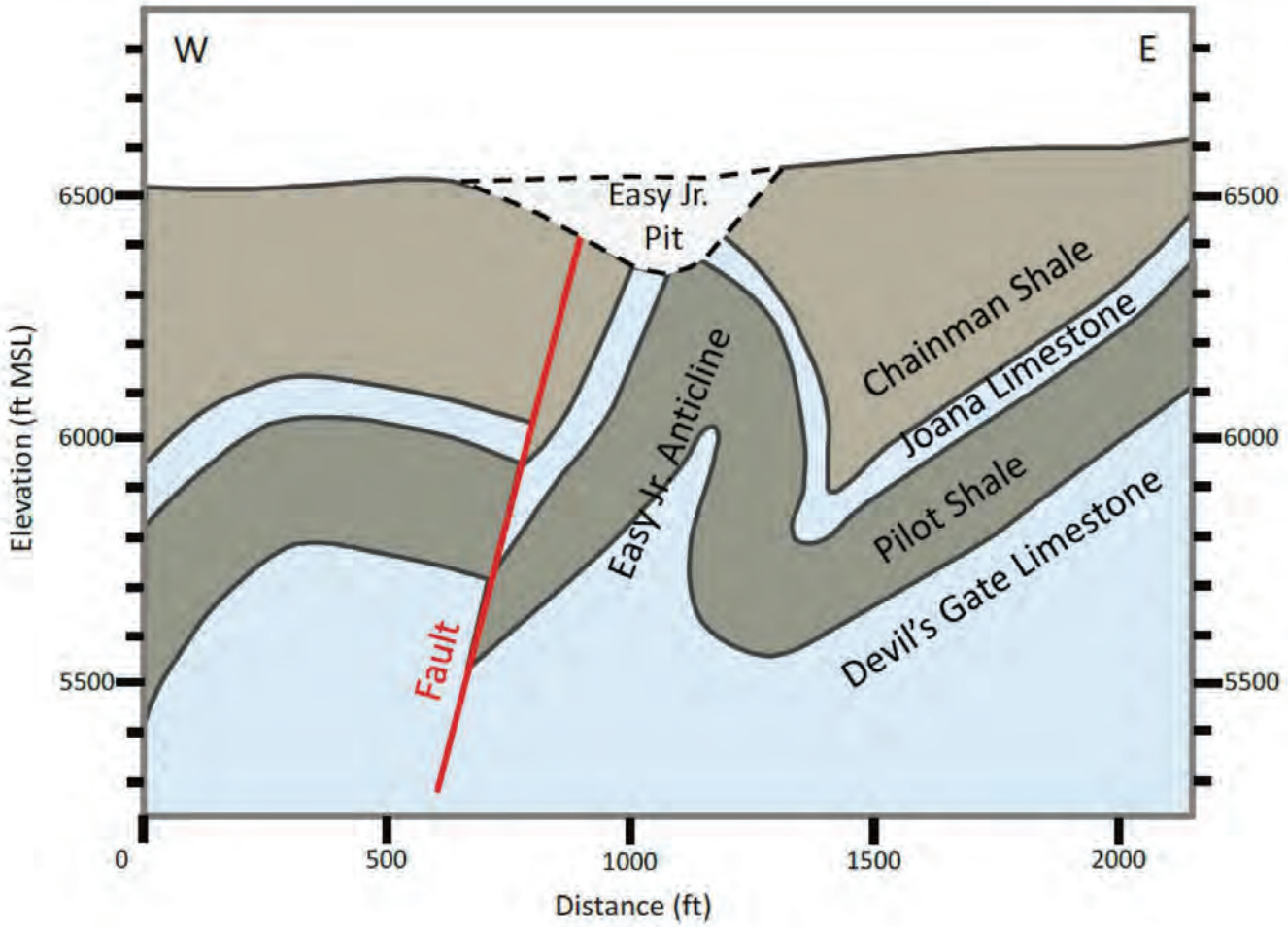

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FIGURE 3.2-5
GENERALIZED GEOLOGIC CROSS SECTION
AT THE EXISTING EASY JUNIOR PIT

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

FORMATTED ON: MAY 26, 2014

SOURCE:
FIGURE 10 IN INTERRALOGIC, INC. 2012.

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CO001817/0000/00001/CDR/01817G09.CDR

Figure 3.2-6 Water Rights Points of Diversion

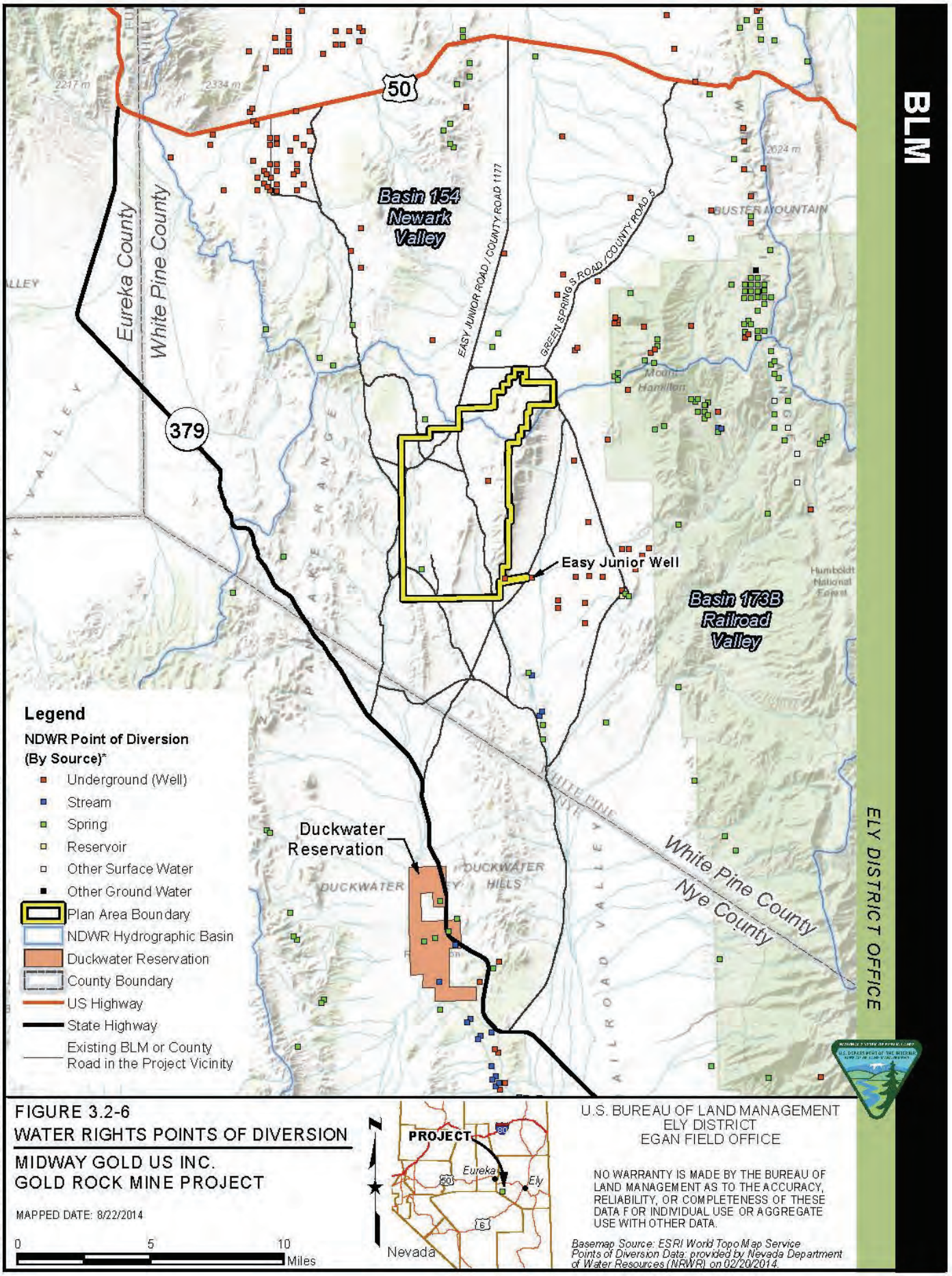

Figure 3.3-1 Local Geology

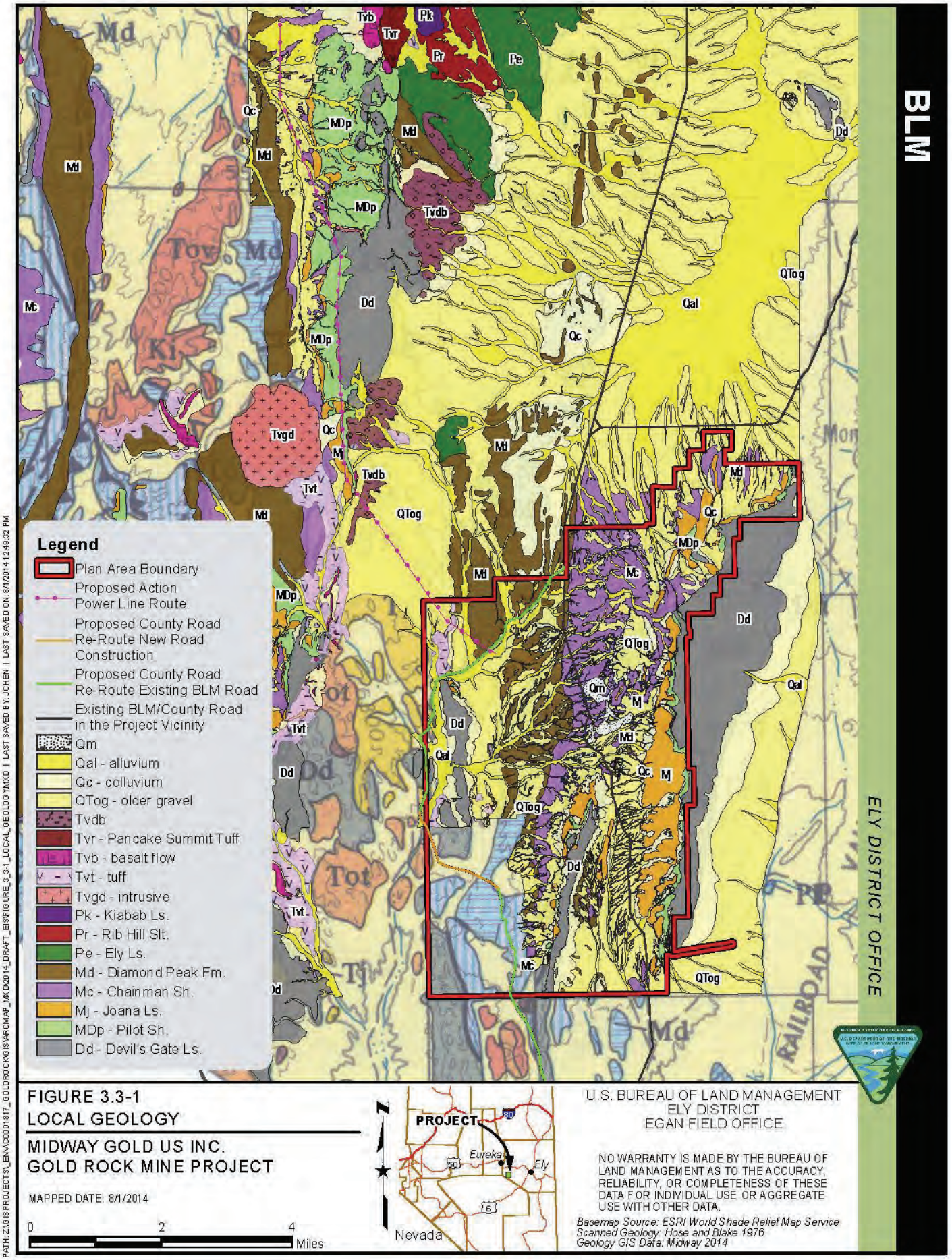

FIGURE 3.3-1
LOCAL GEOLOGY

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

MAPPED DATE: 8/1/2014

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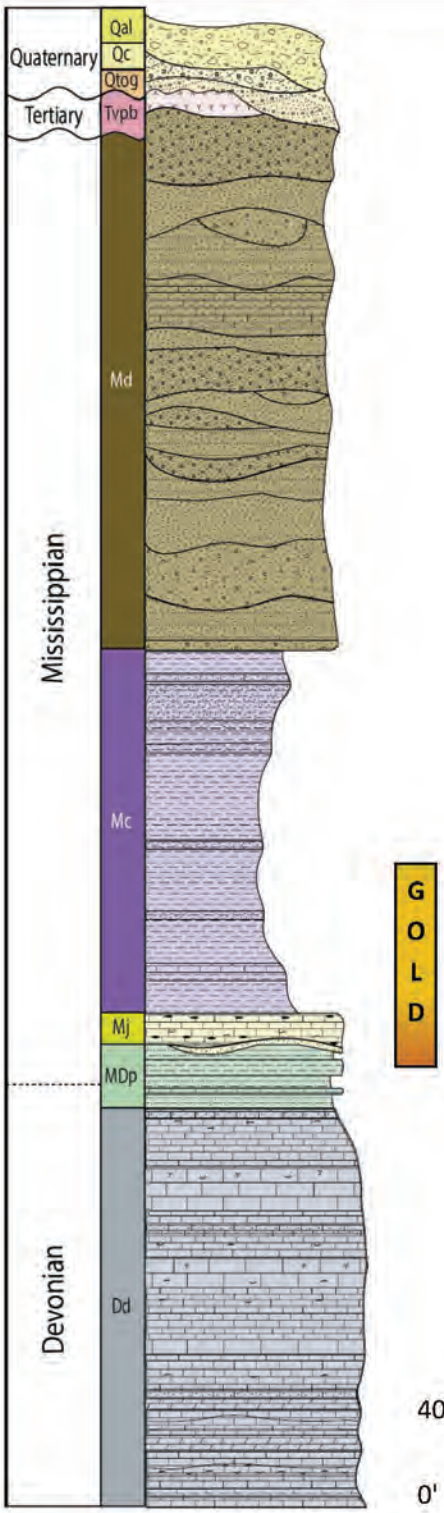
Basemap Source: ESRI World Shade Relief Map Service
Scanned Geology: Hose and Blake 1976
Geology GIS Data: Midway 2014

PATH: Z:\GIS PROJECTS_ENVC00001817_GOLDROCK\GIS\ARCMAP_MXD\2014_DRAFT_EIS\FIGURE_3_3-1_LOCAL_GEOLOGY.MXD | LAST SAVED BY: JCHEN | LAST SAVED ON: 8/1/2014 12:49:32 PM

Figure 3.3-2 Stratigraphic Column



Gravels & Volcanics – Consists of Pinto Basin Tuff, older cemented gravels, colluvium, and alluvium. (Variable thickness)

(Md) Diamond Peak Formation – Interbedded lithic sandstone, paraconglomerate, orthoconglomerate, and shale. (1950 ft.)

(Mc) Chainman Shale – Fissile, carbonaceous shale with interbedded fine sandstone. (1320 ft.)

(Mj) Joana Limestone – Fossiliferous and bioturbated limestone. Abundant crinoids and chert nodules. (125 ft.)

(MDp) Pilot Shale – Flaggy, thin bedded siltstone. Carbonaceous and weathered tan.

(Dd) Devil's Gate Limestone – Medium to massive bedded, micritic limestone. Amphipora, rugose, and gastropods are common. (1500 ft. measured)

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FIGURE 3.3-2
STRATIGRAPHIC COLUMN

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

SOURCE:
Figure 7-2 Simplified Stratigraphic Column, Gold Rock Project (Midway, 2014) in NI 43-101 TECHNICAL REPORT, UPDATED MINERAL RESOURCE ESTIMATE for the GOLD ROCK PROJECT, White Pine County, Nevada (Global Resource Engineering 2014).

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PATH: C:\USERS\JCHEN\DOCUMENTS_PROJECTS\NV\G0001917_GOLDROCK\IMAGES\ILLUSTRATOR\AI_CHAPTER3\FIGURE_3_3-2 STARTIGRAPHIC COLUMN_09022014.AI | BY: JCHEN @ 09/02/2014

Figure 3.3-3 Gold Rock Mine Project Cross Section Geology

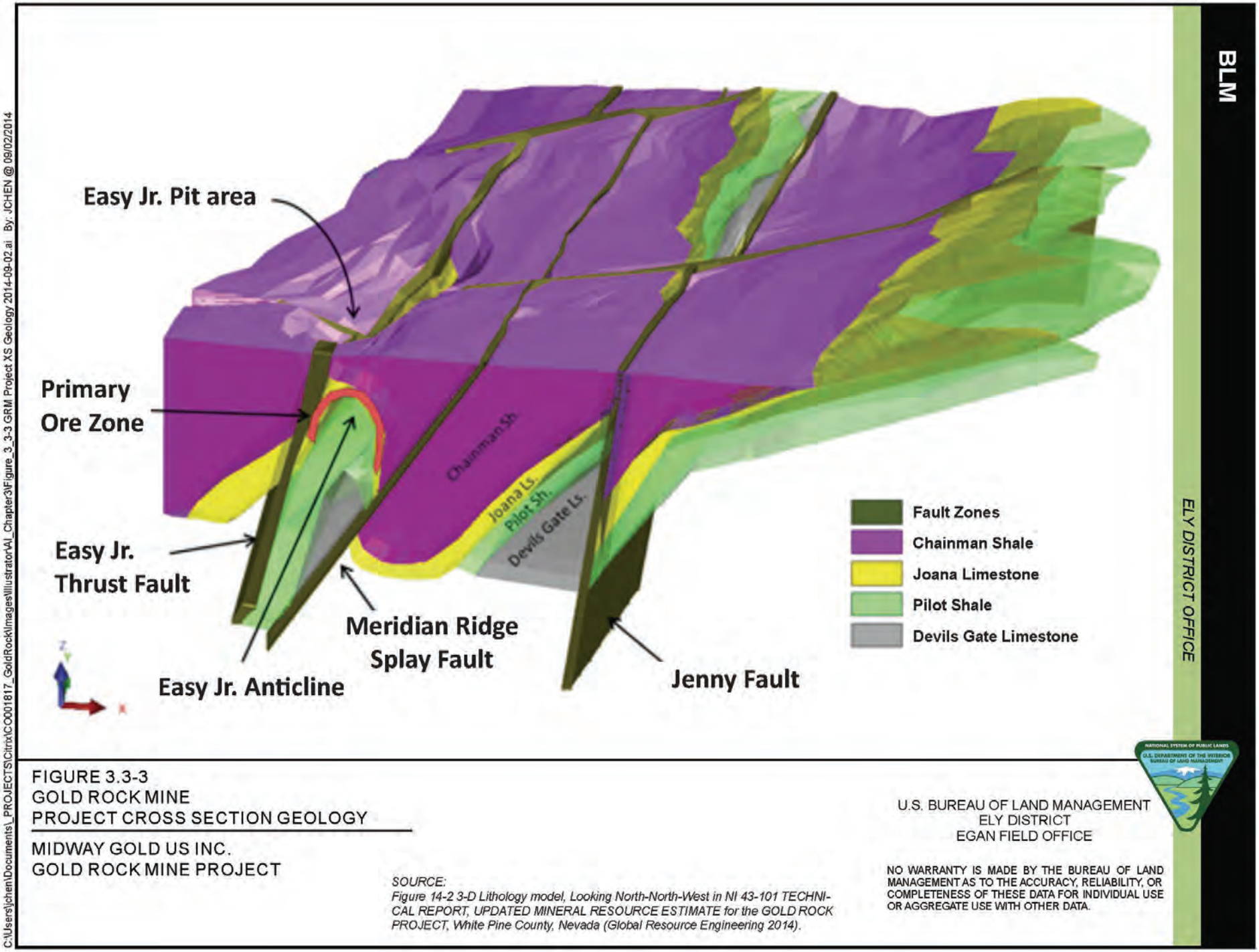

FIGURE 3.3-3
GOLD ROCK MINE
PROJECT CROSS SECTION GEOLOGY

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

SOURCE:
Figure 14-2 3-D Lithology model, Looking North-North-West in NI 43-101 TECHNICAL REPORT, UPDATED MINERAL RESOURCE ESTIMATE for the GOLD ROCK PROJECT, White Pine County, Nevada (Global Resource Engineering 2014).

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Figure 3.3-4 Quarternary Faults

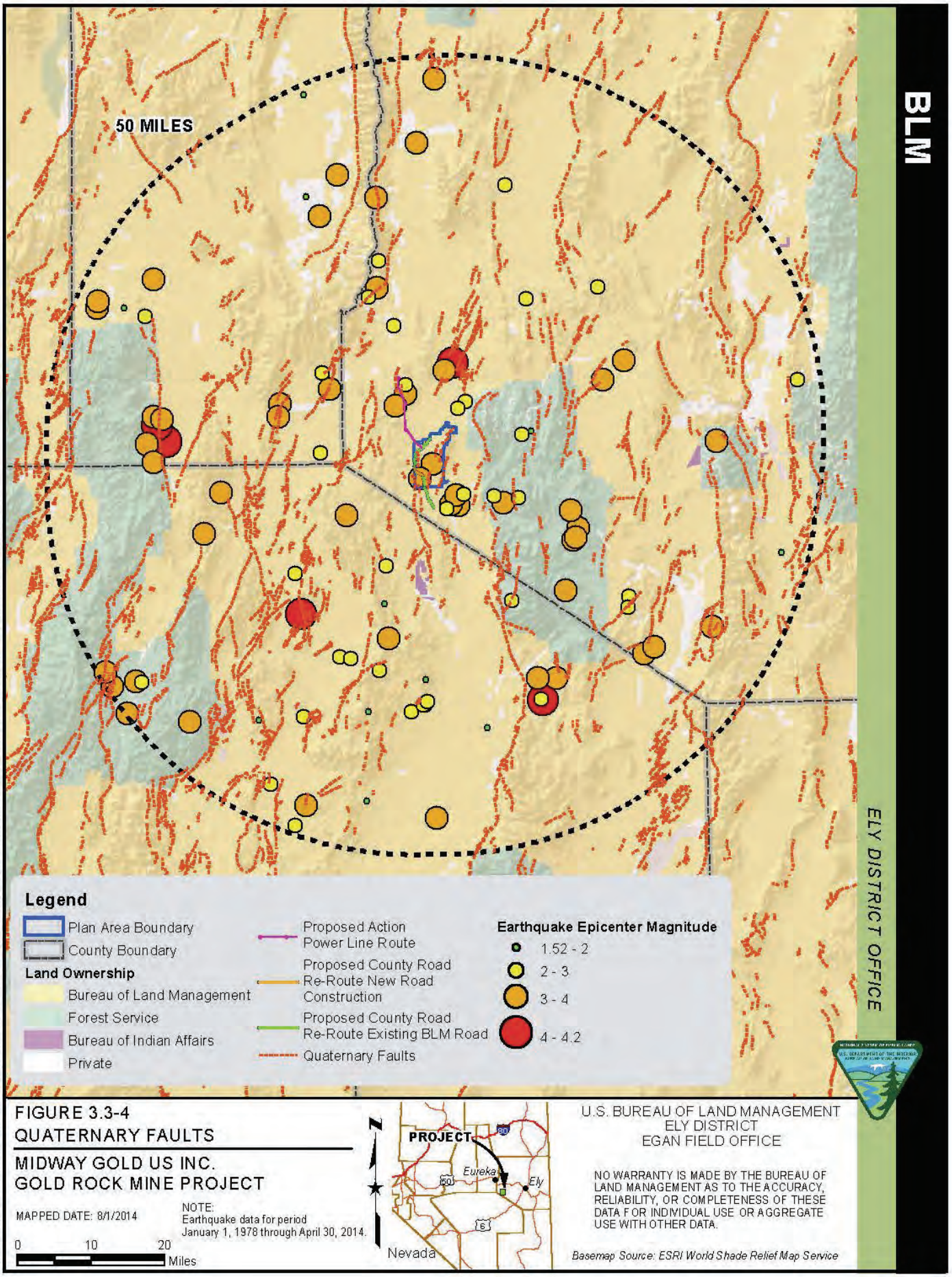

Figure 3.4-1 Geologic Units with Unknown Paleontological Sensitivity

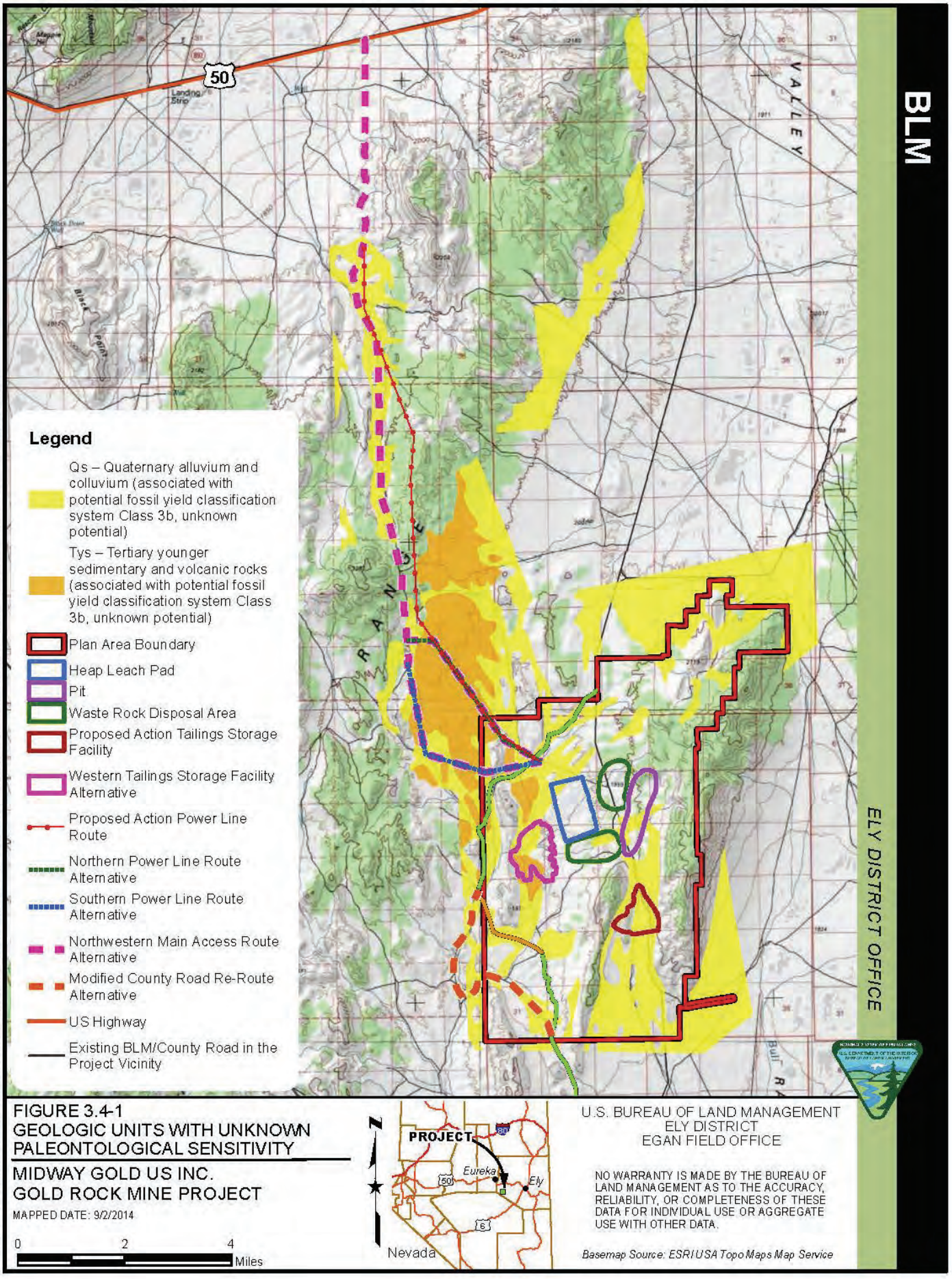

Figure 3.5-1 Plan Area Soils

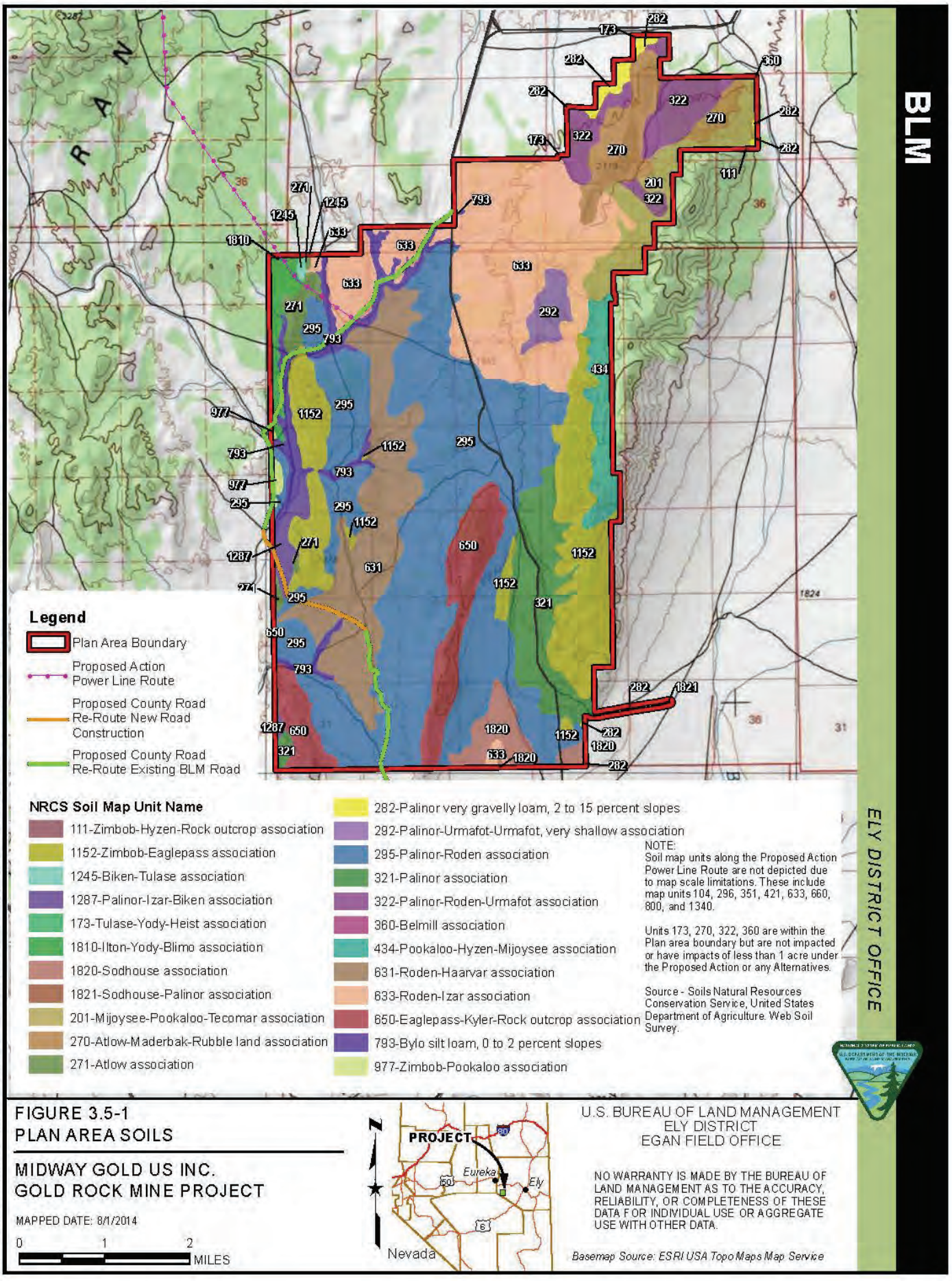

Figure 3.6-1 Prime Farmlands

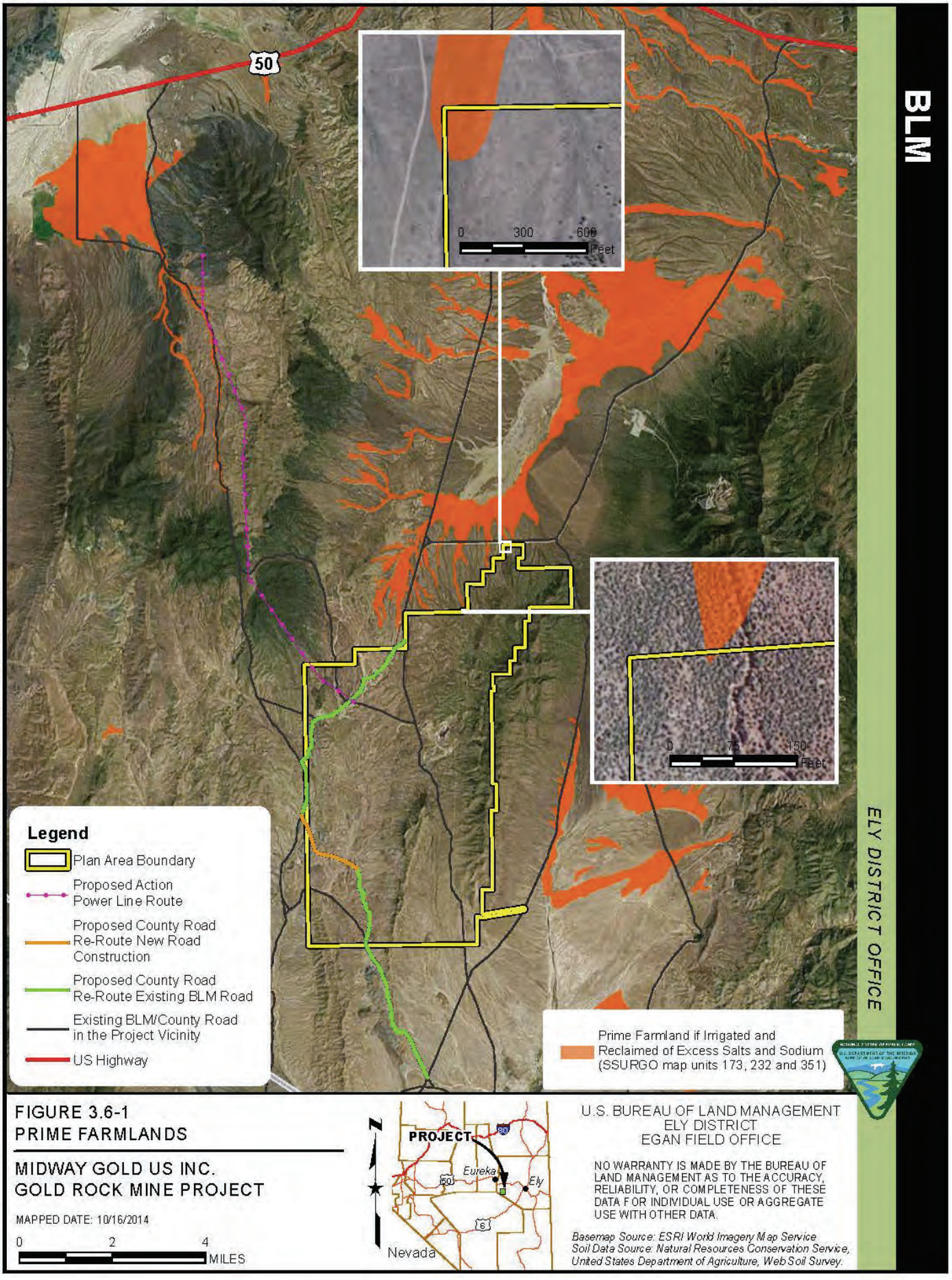

Figure 3.8-1 Vegetation Communities

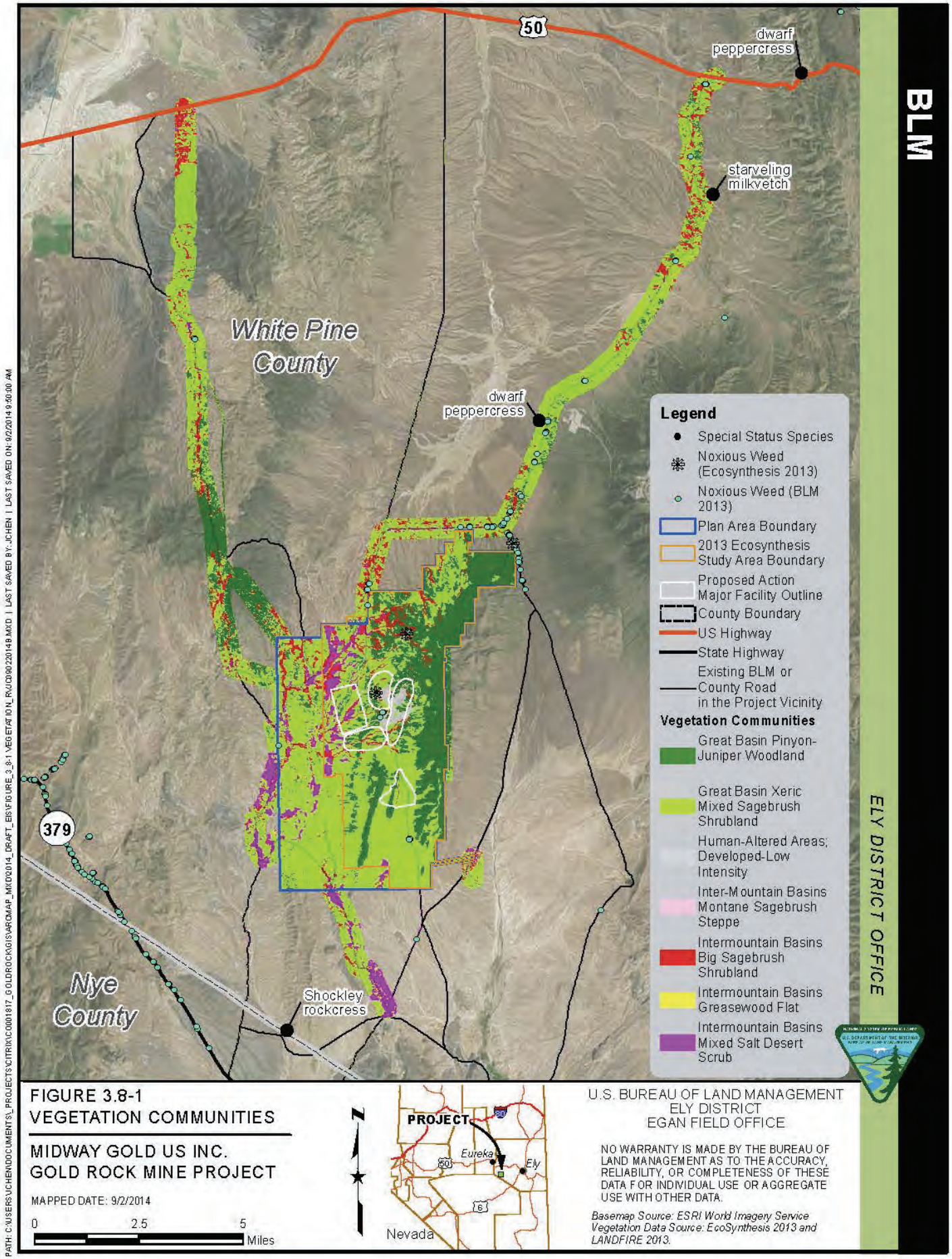

Figure 3.9-1 NDOW Hunt Units

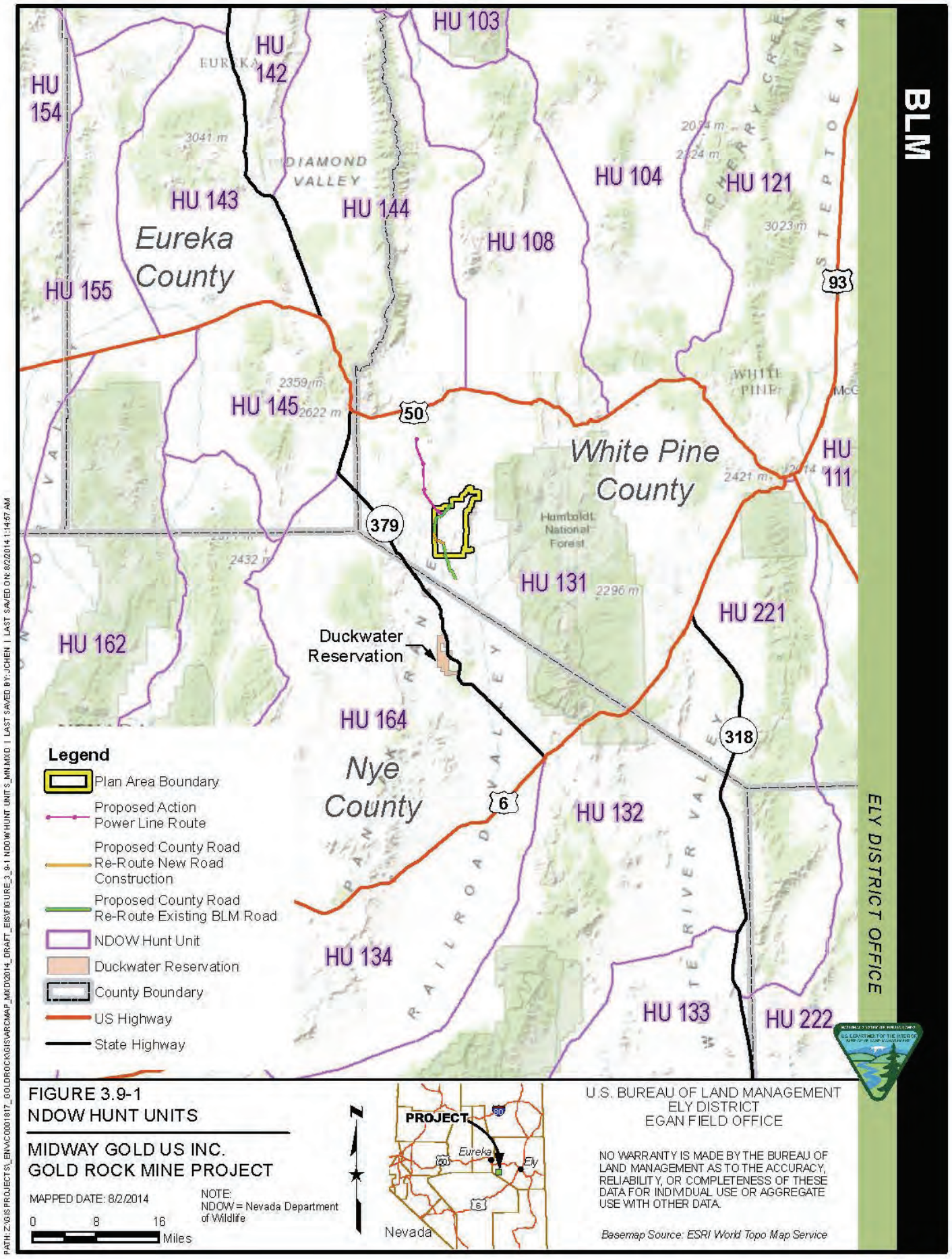

FIGURE 3.9-1
NDOW HUNT UNITS

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

MAPPED DATE: 8/2/2014

0 8 16 Miles

NOTE:
NDOW = Nevada Department of Wildlife

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Basemap Source: ESRI World Topo Map Service

PATH: Z:\GIS PROJECTS_EIS\MXD\0001817_GOLDROCK\GIS\MAPCMAP_MXD\2014_DRAFT_EIS\FIGURE_3_9-1 NDOW HUNT UNITS_MM.MXD | LAST SAVED BY: JCHEN | LAST SAVED ON: 8/2/2014 11:14:57 AM

Figure 3.9-2 Mule Deer Seasonal Ranges

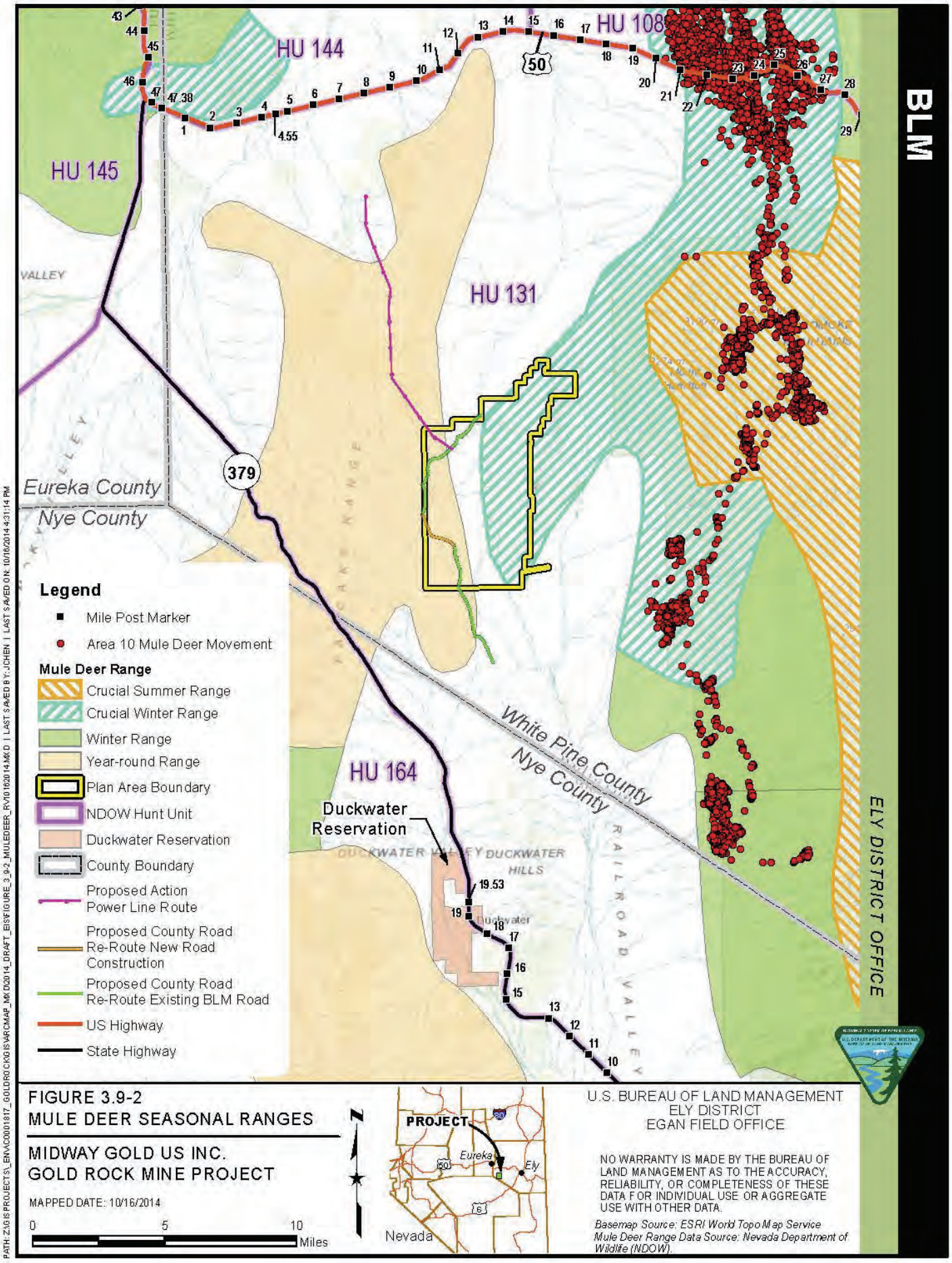

FIGURE 3.9-2
MULE DEER SEASONAL RANGES

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

MAPPED DATE: 10/16/2014

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Basemap Source: ESRI World Topo Map Service
Mule Deer Range Data Source: Nevada Department of Wildlife (NDOW).

PATH: Z:\GIS PROJECTS_ENV\C0001817_GOLDROCK\GIS\ARCMAP_MXD\2014_DRAFT_EIS\FIGURE_3_9-2_MULEDEER_RV10162014.MXD | LAST SAVED BY: JCHEN | LAST SAVED ON: 10/16/2014 4:31:14 PM

Figure 3.9-3 Pronghorn Antelope Seasonal Ranges

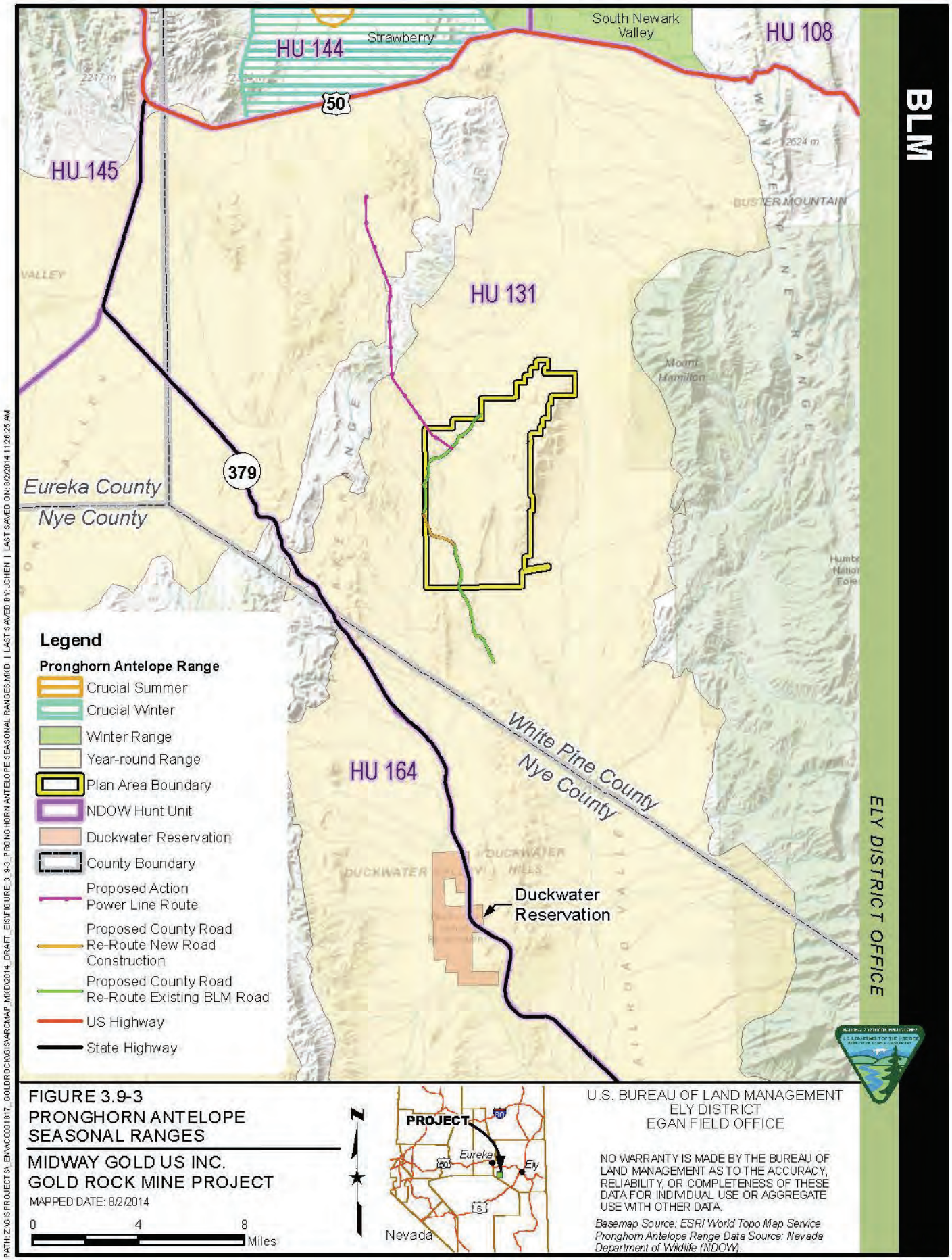

FIGURE 3.9-3
PRONGHORN ANTELOPE SEASONAL RANGES

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

MAPPED DATE: 8/2/2014

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Basemap Source: ESRI World Topo Map Service
Pronghorn Antelope Range Data Source: Nevada Department of Wildlife (NDOW).

PATH: Z:\GIS PROJECTS_ENV\CC0001817_GOLDROCK\GIS\MXD\MAP_MXD\2014_DRAFT_EIS\FIGURE_3_9-3_PRONGHORN ANTELOPE SEASONAL RANGES.MXD | LAST SAVED BY: JCHEN | LAST SAVED ON: 8/2/2014 11:26:25 AM

Figure 3.9-4 Elk Seasonal Ranges

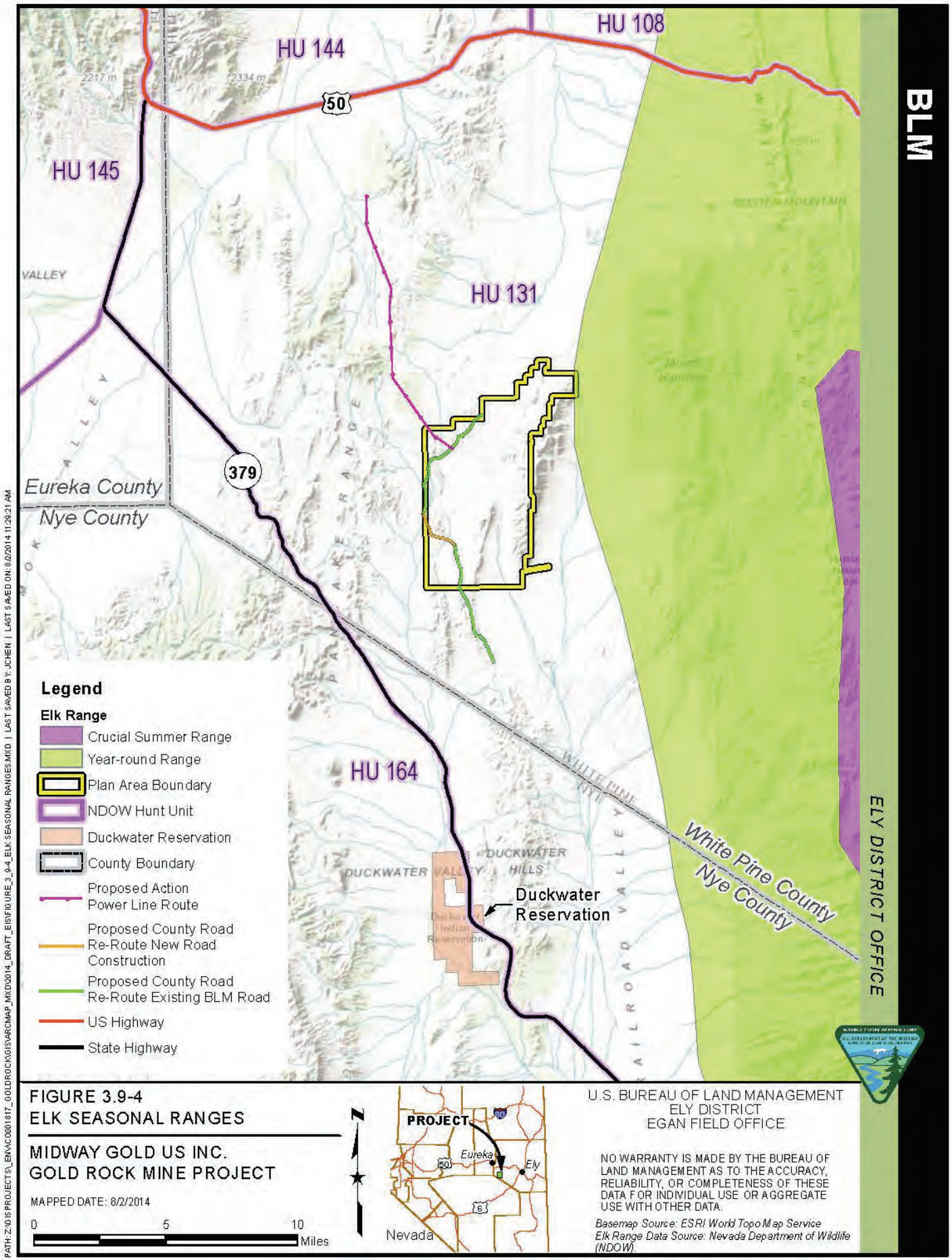

Figure 3.9-5 Raptor Nests

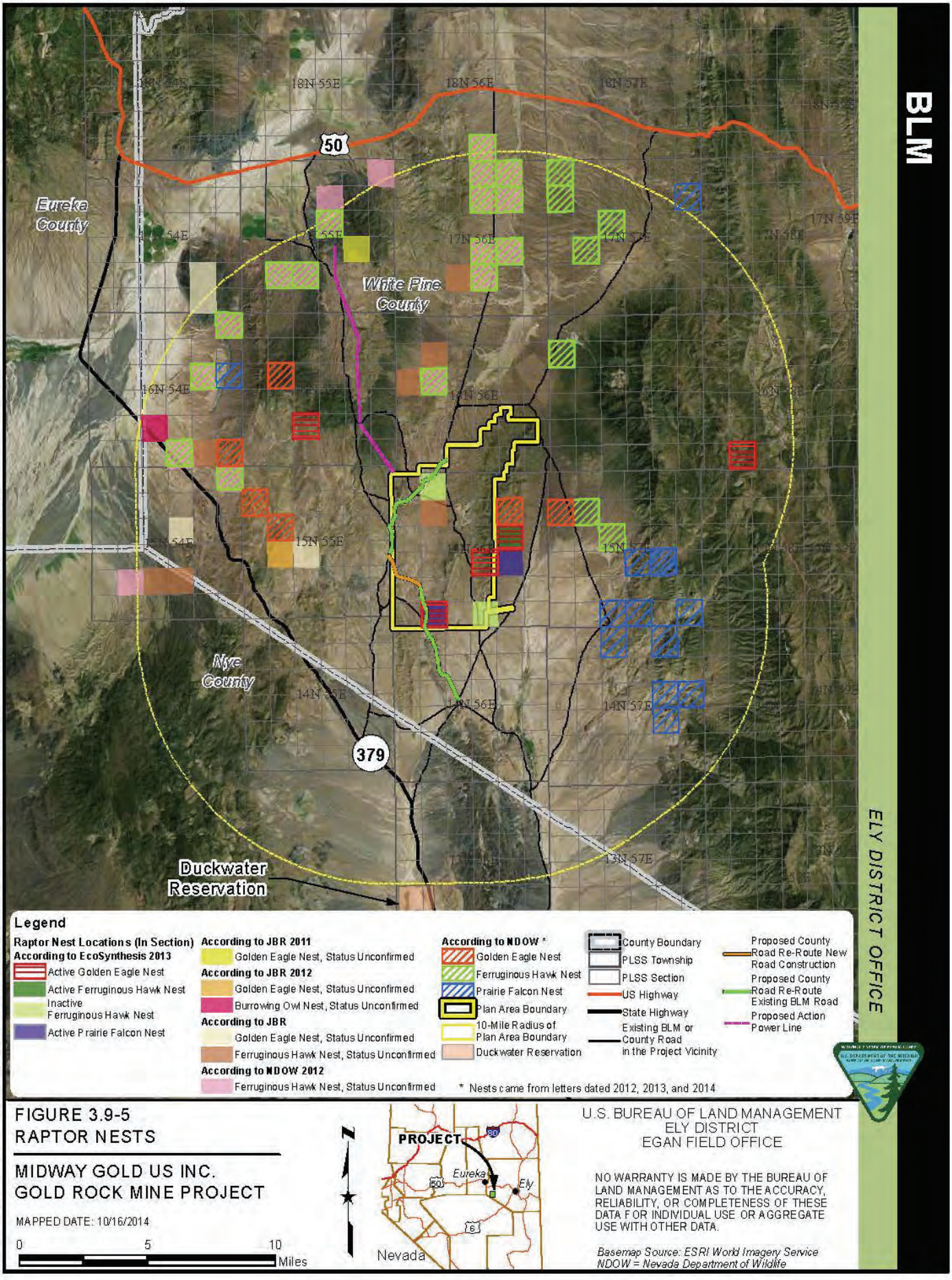

Figure 3.9-6 Greater Sage-grouse Population Management Units and Preliminary Habitat Categories

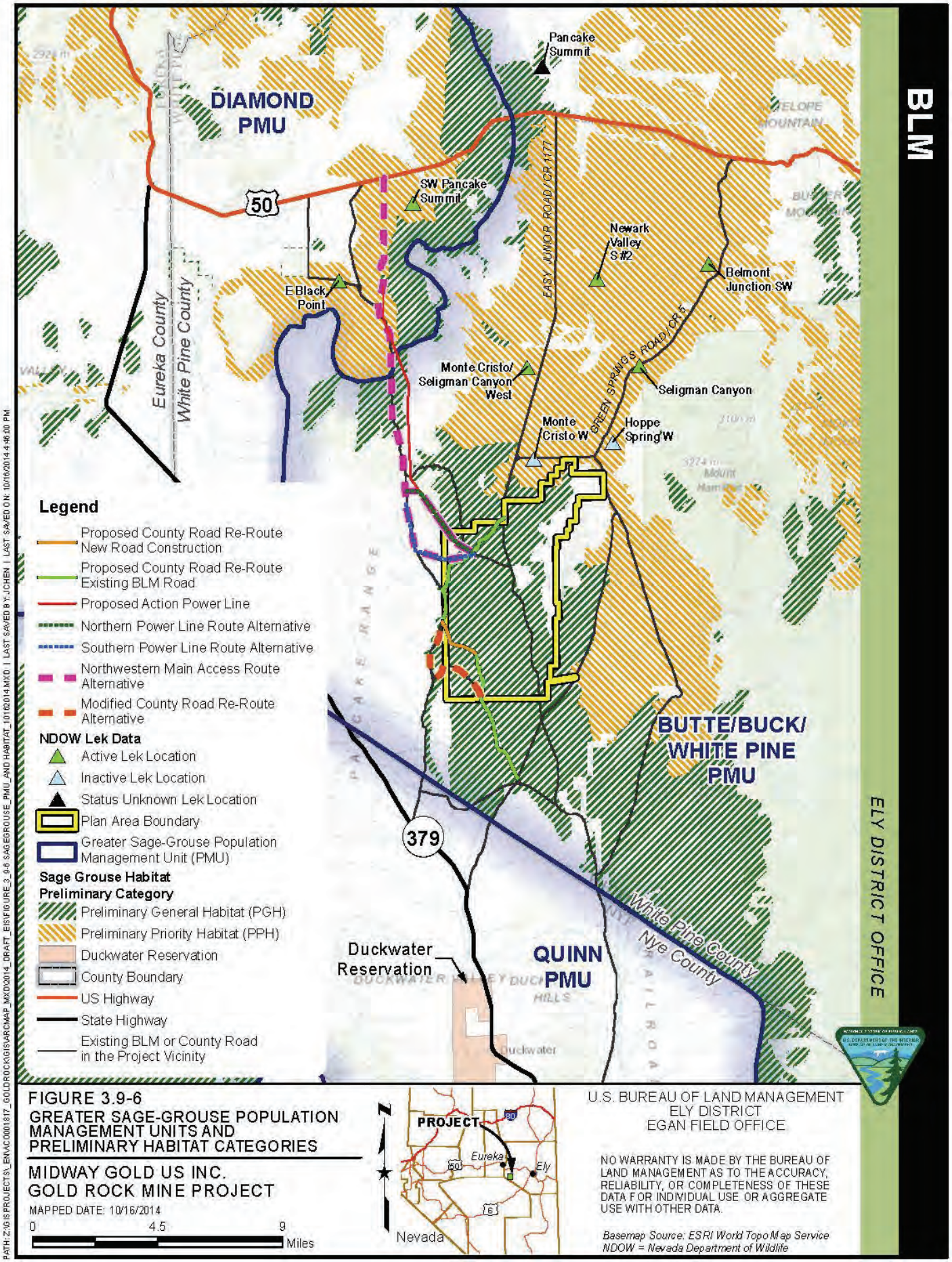

Figure 3.9-7 Pygmy Rabbits

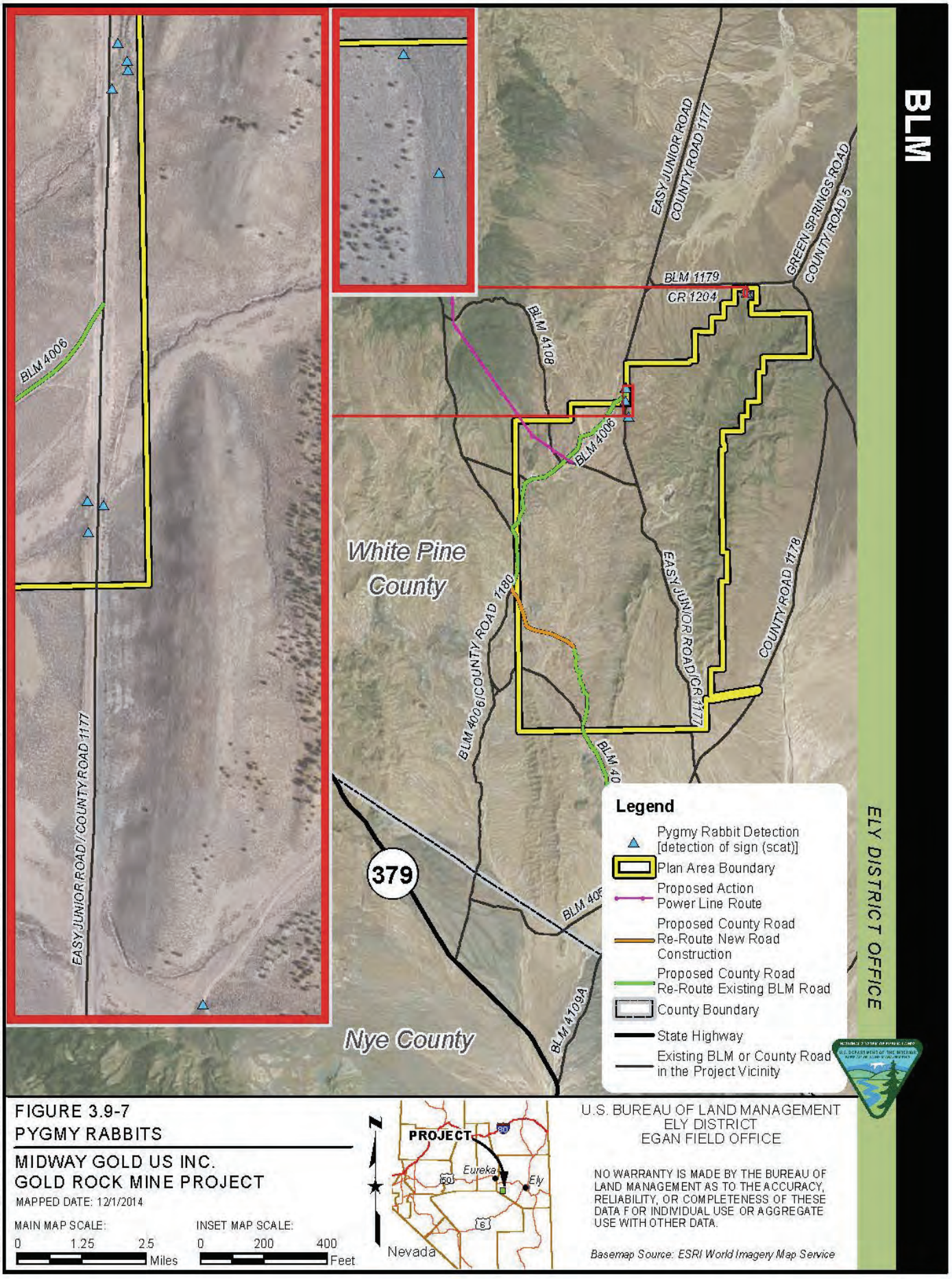

Figure 3.10-1 Grazing Allotments

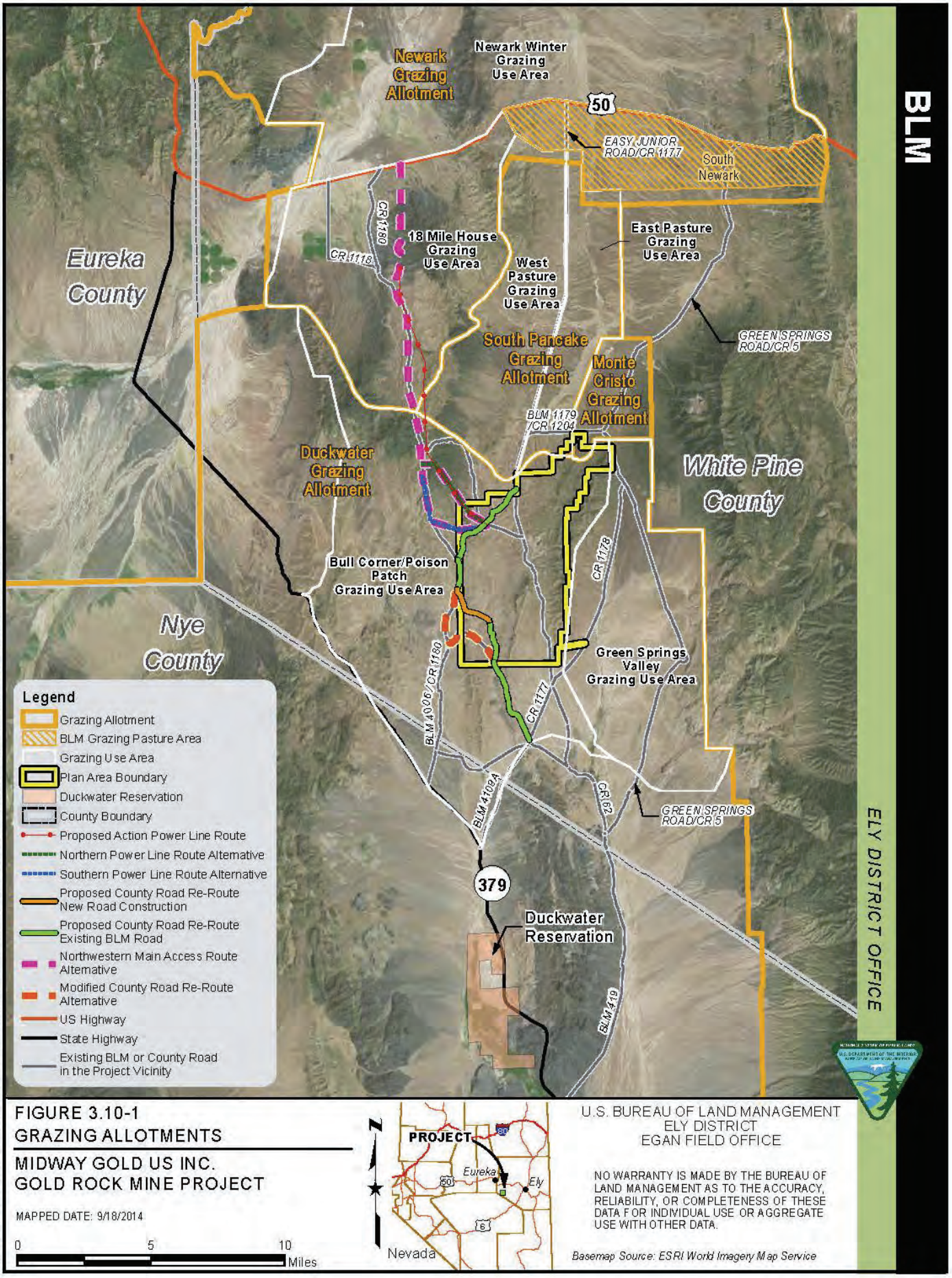

Figure 3.11-1 Forest Products and Fuels

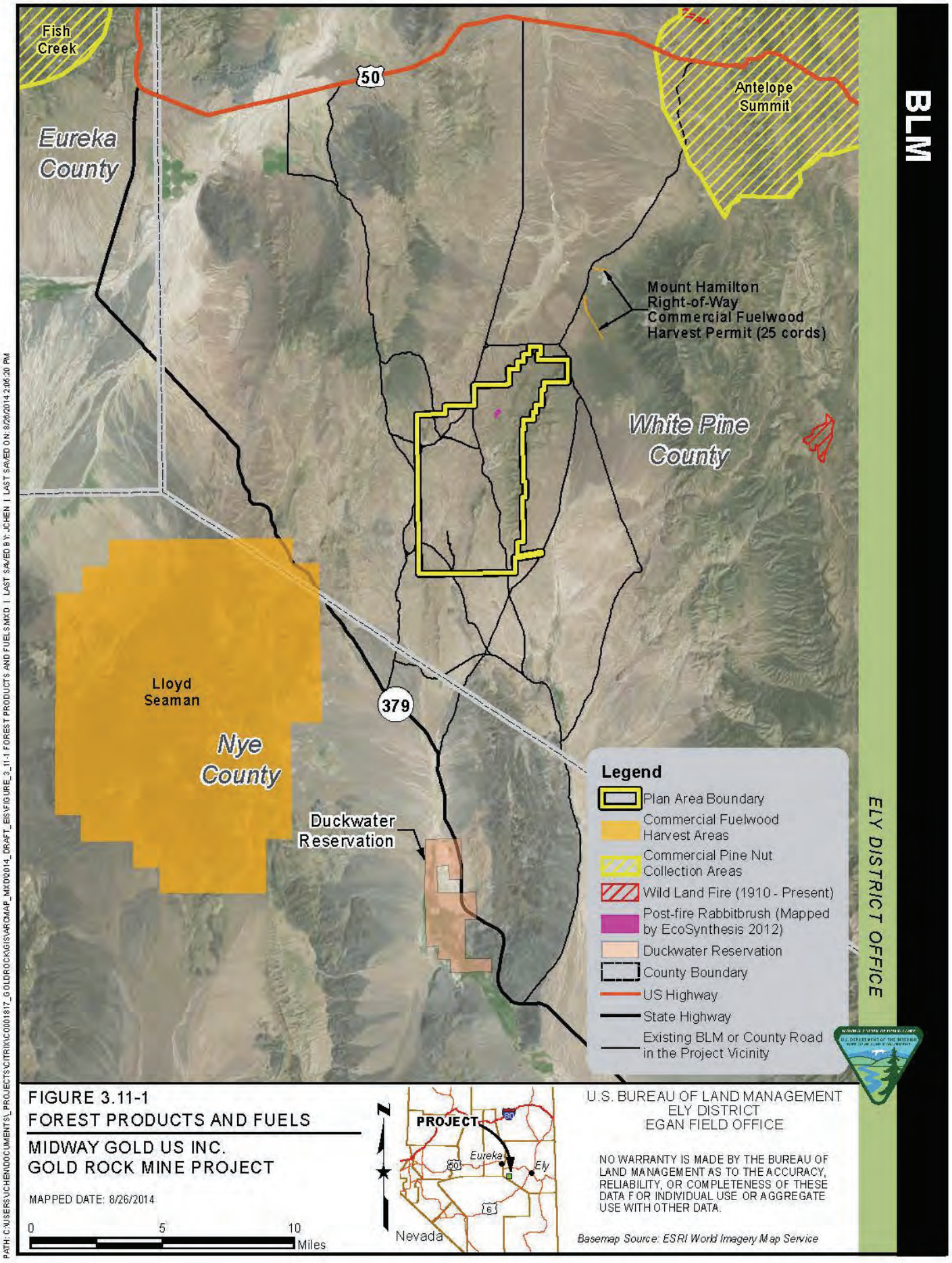

Figure 3.12-1 Herd Management Areas and Wild Horse Territory

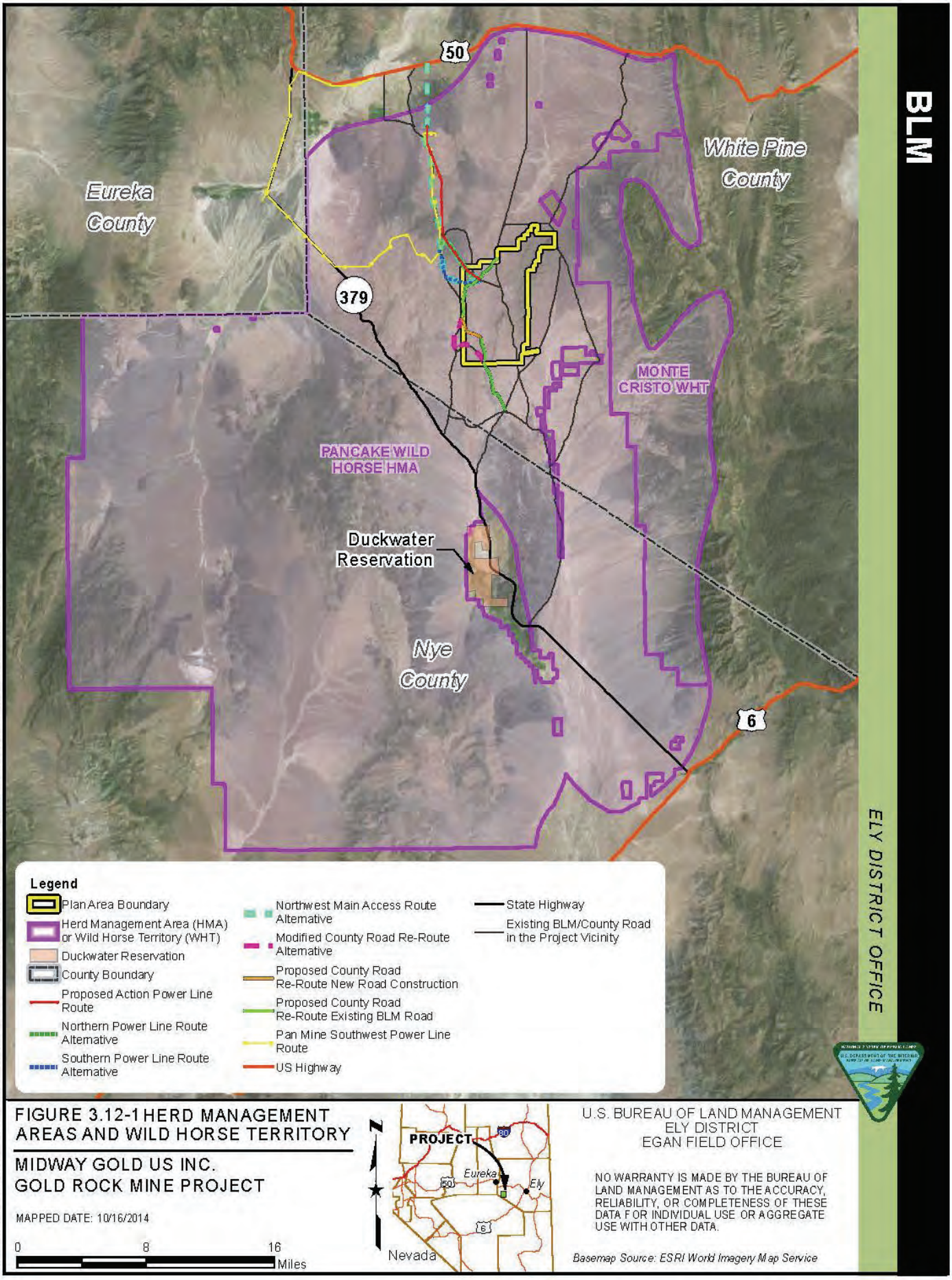

Figure 3.15-1 Land Ownership, Special Designations, and Authorizations

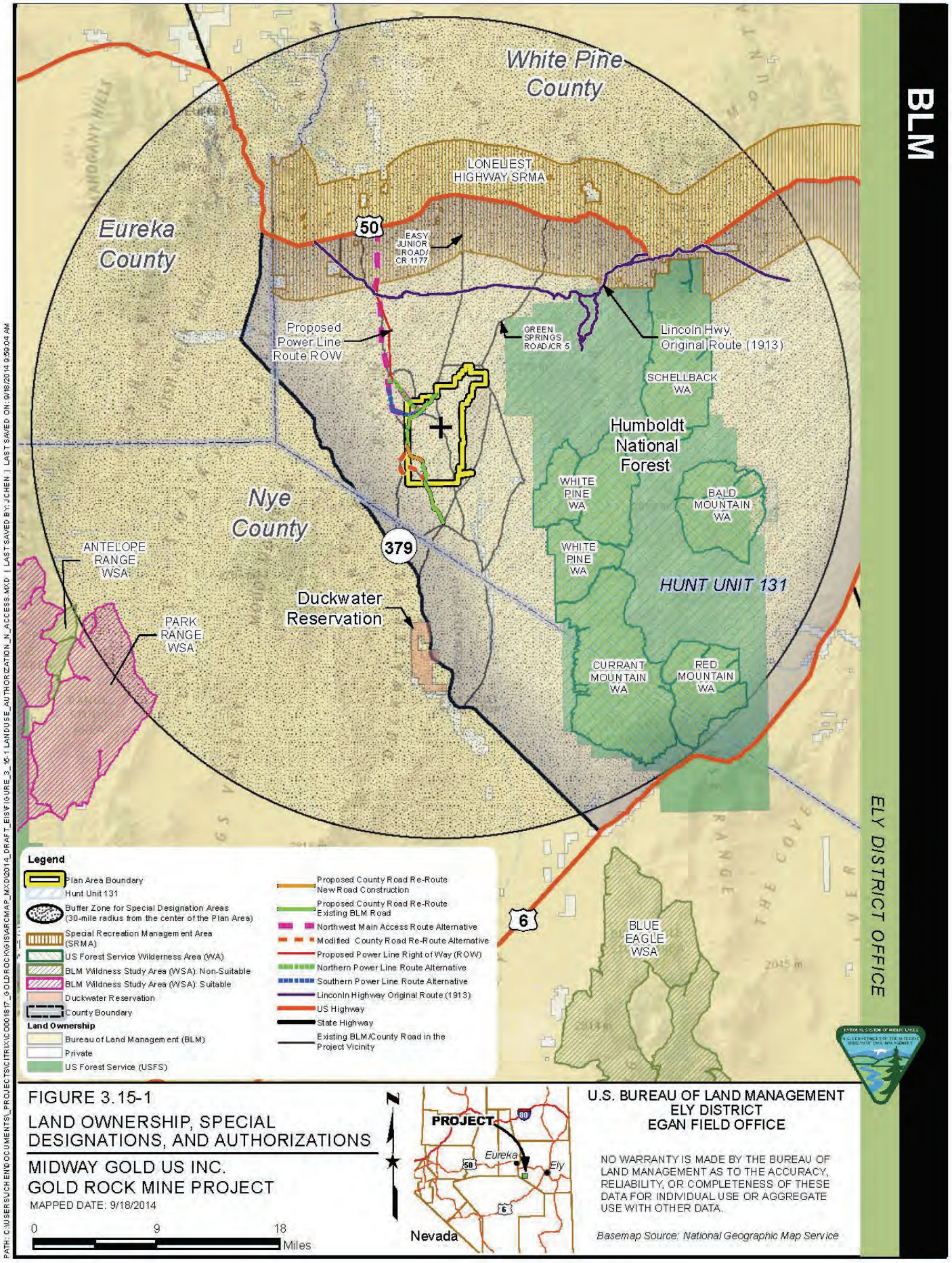

Figure 3.15-2 Road System and Hazardous Material and Waste Transportation Routes

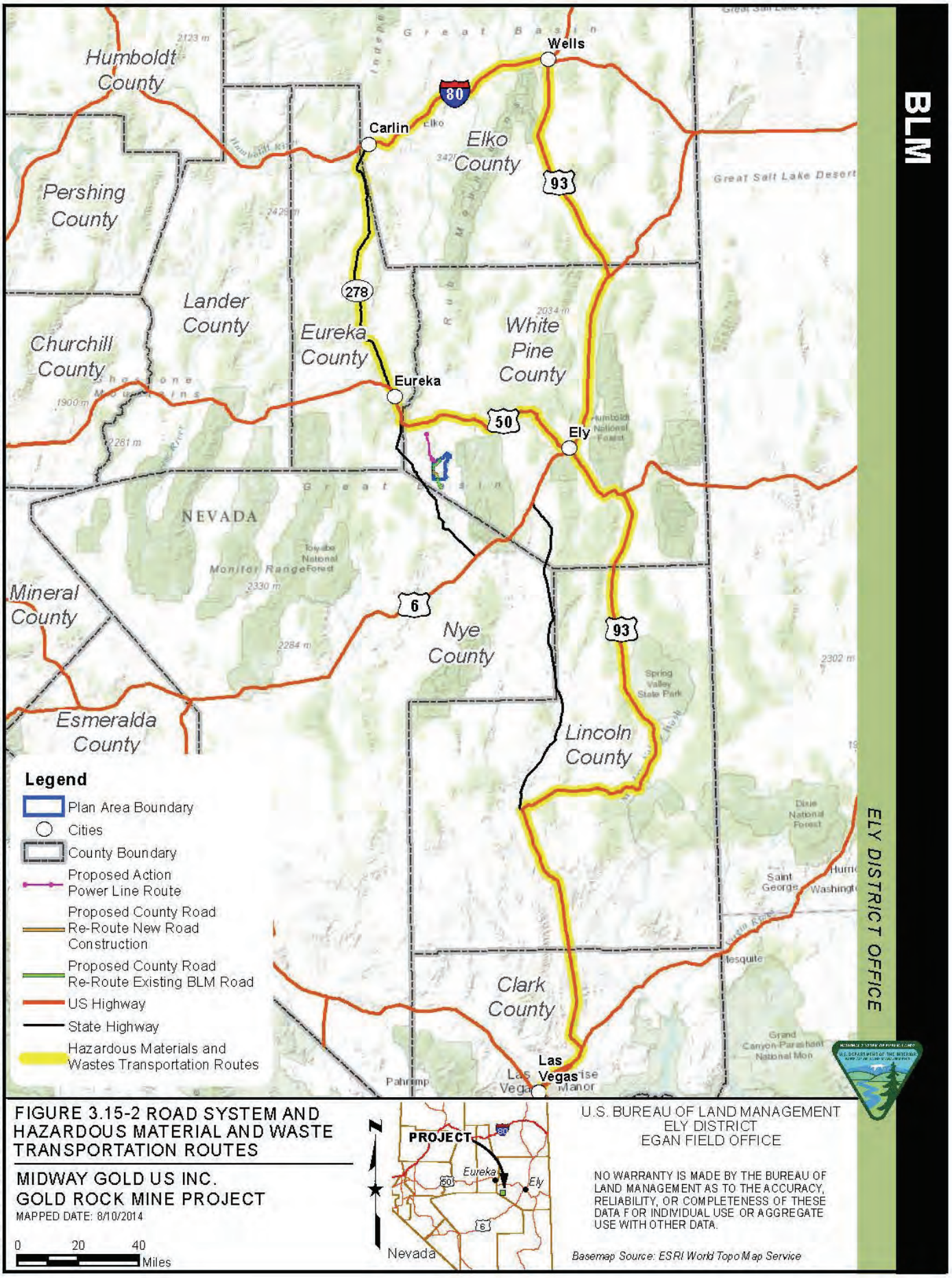

Figure 3.16-1 Visual Resource Management (VRM) Classifications and Potential Key Observation Points (KOPs)

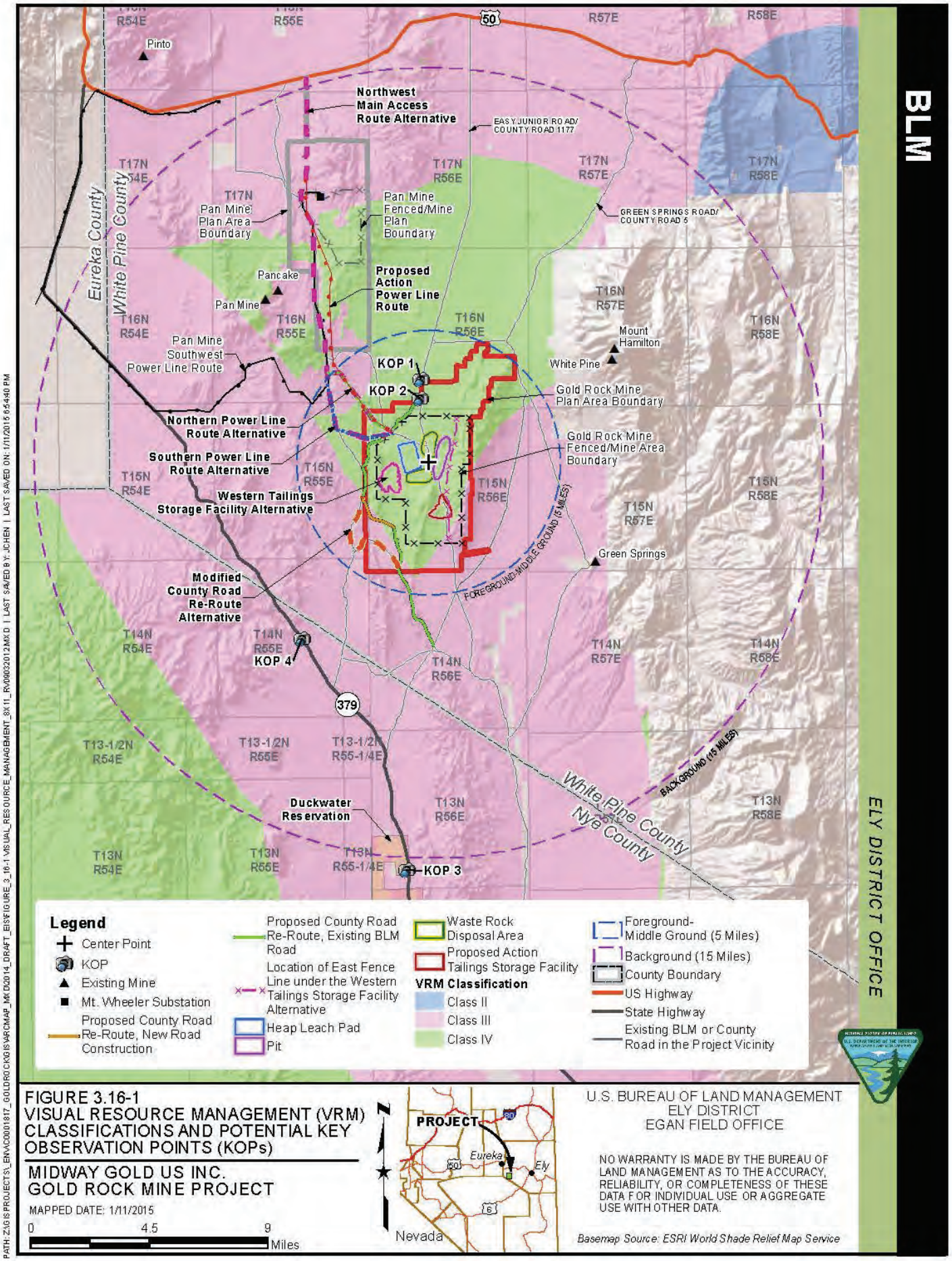

FIGURE 3.16-1
VISUAL RESOURCE MANAGEMENT (VRM) CLASSIFICATIONS AND POTENTIAL KEY OBSERVATION POINTS (KOPs)

MIDWAY GOLD US INC.
GOLD ROCK MINE PROJECT

MAPPED DATE: 1/11/2015

0 4.5 9 Miles

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Basemap Source: ESRI World Shade Relief Map Service

PATH: Z:\GIS PROJECTS_EN\ACO0001817_GOLDROCK\GIS\MXD\MAP_MXD\2014_DRAFT_EIS\FIGURE_3_16-1 VISUAL_RESOURCE_MANAGEMENT_8X11_RV09032012.MXD | LAST SAVED BY: JCHEN | LAST SAVED ON: 1/11/2015 6:54:40 PM