

DAY MINE

LANDS WITH WILDERNESS CHARACTERISTICS

*PUBLIC LANDS IN THE
CENTRAL GILA MOUNTAINS, ARIZONA*



A proposal report to the Bureau of Land Management,
Safford Field Office, Arizona



ARIZONA WILDERNESS COALITION

APRIL, 2016

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Cover Photo: From photo point S13, the Left Fork of Markham Creek flows through a wild canyon in the eastern part of the unit, providing riparian habitat for rare birds and fish, and outstanding hiking for people.

All photos by Shannon Maitland

PREFACE: This Proposal was developed according to BLM Manual 6310

General Overview

Instruction Memorandum 2011-154 and Manuals 6310 and 6320 set out the BLM's approach to protecting wilderness characteristics on the public lands. This guidance acknowledges that wilderness is a resource that is part of BLM's multiple use mission, requires the BLM to keep a current inventory of wilderness characteristics, and directs the agency to consider protection of these values in land use planning decisions.¹

In March 2012, the Bureau of Land Management issued updated manuals for inventorying and managing Lands with Wilderness Characteristics on public lands (hereafter often referred to as LWC's). These manuals provide the agency with direction for implementing its legal obligations to inventory and consider management of Lands with Wilderness Characteristics, including the Federal Land Policy and Management Act's provision that BLM "preserve and protect certain public lands in their natural condition" (43 U.S.C. § 1701(a)(8)). **Manual 6310** (Conducting Wilderness Characteristics Inventory on BLM Lands) guides the BLM on how to meet its obligations to inventory for and identify lands with wilderness characteristics. **Manual 6320** (Considering Lands with Wilderness Characteristics in the BLM Land Use Planning Process) guides the BLM on the options available to address lands with wilderness characteristics in land use planning once they have been identified in the required inventory, such as putting management prescriptions in place to protect wilderness characteristics. The purpose of this report is to provide the BLM with recommendations for designation of Lands with Wilderness Characteristics in the Safford Resource Area of southeastern Arizona, based on new, accurate, and up-to-date information according to **Manual 6310**.²

What does Manual 6310 require for the identification of LWC's?

Minimum standards for LWC proposals are described in Manual 6310 in section .06.B.1. There are three things required in a citizens' wilderness proposal in order to meet the minimum standard for BLM to consider it in an inventory and to consider it as new information:

- Detailed map with specific boundaries;
- Detailed narrative of the wilderness characteristics; and
- Photographic documentation.

Once there is new information that meets these standards, then "as soon as practicable, the BLM shall evaluate the information," including field checking as needed and comparing with existing data to see if previous conclusions remain valid. Further, BLM will document its rationale and make it available to the public. (.06.B.2). This proposal report provides the three necessary criteria listed above.

¹Memorandum 2011-154 is available online at:
http://www.blm.gov/wo/st/en/info/regulations/Instruction_Memos_and_Bulletins/national_instruction/2011/IM_2011-154.html

² Manual 6310 is available online at :
http://www.blm.gov/pgdata/etc/medialib/blm/wo/Information_Resources_Management/policy/blm_manual.Par.38337.File.dat/6310.pdf

What does Manual 6310 require for an area to be identified as an LWC?

Requirements for determining lands have wilderness characteristics are found in section .06.C.2 of Manual 6310. Lands with Wilderness Characteristics must possess the following traits:

• **Size**

Sufficient roadless area to satisfy size requirements (5,000 acres, of sufficient size to make management practicable or “any roadless island of the public lands”; or contiguous with Wilderness, Wilderness Study Areas, USFWS areas Proposed for Wilderness, Forest Service WSAs or areas of Recommended Wilderness, National Park Service areas Recommended or Proposed for Designation).

• **Naturalness**

Affected primarily by the forces of nature – The criteria is “apparent naturalness” which depends on whether an area looks natural to “the average visitor who is not familiar with the biological composition of natural ecosystems versus human affected ecosystems.” This is an important distinction between ecological integrity and apparent naturalness.

Human impacts – Human impacts must be documented and some are acceptable so long as they are “substantially unnoticeable”; Examples include trails, bridges, fire rings, minor radio repeater sites, air quality monitoring devices, fencing, spring developments, and stock ponds.

Outside human impacts – impacts outside the area are generally not considered, but major outside impacts should be noted and evaluated for direct effects on the entire area (the manual explicitly cautions BLM to “avoid an overly strict approach”).

• **Outstanding opportunities for either solitude or primitive and unconfined recreation**

The area does not have to possess both opportunities for solitude and primitive and unconfined recreation, nor does the area need to have outstanding opportunities on every acre; BLM cannot compare lands in question with other parcels; BLM cannot use any type of rating system or scale.

• **Supplemental values**

Ecological, geological, scientific, scenic, educational or historical features should be documented where they exist, although they are not required traits.

What does Manual 6310 require for the identification of the boundaries of an LWC?

Boundaries should be based on wilderness inventory roads and naturalness rather than opportunities for solitude or primitive and unconfined recreation. For inventorying wilderness characteristics, BLM will use the “road” definition from FLPMA’s legislative history; the term “road” and “wilderness inventory road” are interchangeable in this guidance. The AWC survey team took a very literal, maintenance-driven approach to road/way determination.

• “Wilderness inventory roads” are routes which have been: (1) *improved and maintained* (when needed), (2) *by mechanical means* (but not solely by the passage of vehicles), (3) *to insure relatively regular and continuous use*.

• “Primitive routes” or “ways” are transportation linear features located within areas that have been identified as having wilderness characteristics and not meeting the wilderness inventory road definition.

• Lands between individual human impacts should not be automatically excluded from the area; no setbacks or buffers allowed; boundaries should be drawn to exclude developed rights-of-way; “undeveloped rights-of-way and similar possessory interests (e.g., as mineral leases) are not treated as impacts to wilderness characteristics because these rights may never be developed”; areas can have wilderness characteristics even though every acre within the area may not meet all the criteria.

METHODS: The research approach to developing this citizens' proposal

The information presented in this report was developed systematically to ensure a comprehensive and accurate description of the proposed LWC that fulfills the citizens' proposal requirements of Manual 6310. Our intent has been to effectively combine the analytical power of technology with the equally important elements of qualitative observation, to produce a suite of products that can be used to facilitate the protection of a variety of lands with wilderness characteristics across the Safford Resource Area, meeting the conservation objectives of Arizona Wilderness Coalition *and* the legal obligation for the BLM to *"preserve and protect certain public lands in their natural condition"*.

STEP 1: GIS ROADLESS ANALYSIS

The initial exercise in our inventory was to complete a geospatial analysis of the study area to identify potential roadless areas using a combination of Qgis, ESRI ArcGis, and Google Earth Pro. The BLM's Route Inventory dataset was queried for keywords that indicated that a route may be maintained, such as "gravel-surfaced", "2WD use", "Recent grading", and numerous other terms. Several rounds of this process were verified over color aerial imagery to assess the quality of the output. During this step, some errors in the dataset were corrected, such as incomplete line features or very inaccurate digitization. Additionally, we performed a visual assessment of aerial imagery for roads that appeared obviously maintained, and added an attribute column to mark these features as such. We also acquired railroad data, US Census Lidar data for Primary & Secondary Roads, Interstate highway data, and county-maintained roads data from Cochise County. In addition, we digitized natural gas pipeline corridors, telephone and power lines, and the proposed route for the SunZia transmission line. Each feature type was buffered by distances ranging from 10 feet for dirt roads, to 50 feet for interstates and powerlines, and the results were dissolved and unioned to develop one master feature dataset that represented probable wilderness inventory roads and rights-of-way corridors. These data were then used to clip BLM's Surface Management dataset into contiguous blocks of BLM land. Areas less than 5,000 acres were then deleted (unless contiguous to wilderness, WSA, or Proposed Wilderness), and the resultant output was a dataset of 52 units of BLM lands that were probable roadless areas.

STEP 2: FIELD INVENTORY PRIORITIZATION

Prior to visiting any sites on the ground, we assessed each initial roadless area polygon to determine where our resources would be most effectively deployed. Our objectives were to maximize field inventory efforts on the areas that we estimated would possess the most outstanding wilderness values, while also covering a broad geographic sample of the study area. Our determinations were informed by EIS documents, past wilderness inventory reports by BLM and AWC, research by The Nature Conservancy and the Sky Island Alliance, and geospatial data we acquired from BLM, US Forest Service, academic institutions, and the Arizona Game and Fish Department, including the Heritage Database. It is important to make clear that the units we decided not to inventory probably possess wilderness characteristics, but given available resources, we could not visit every unit. In addition to the units we are proposing as LWC's, we are also providing recommendations for areas we have identified as "Potential LWC's". Those units should still be inventoried for wilderness characteristics.

STEP 3: FIELD PLANNING

Trips to the field were strategic, focused efforts. For each unit, we developed a list of field inventory points that we endeavored to visit either by foot or vehicle. By using the BLM Route Inventory Dataset, the BLM Range Improvements dataset, the USGS Springs dataset, the Arizona Land Resources Information System Mines dataset, and USGS Topographic Maps, we identified potential impacts to naturalness *and* areas of potential supplemental value. These datasets were exhaustively examined on Google Earth to validate feature locations. Additionally, other inventory features were identified on the aerial imagery. Once the field inventory points were identified, they were loaded into MotionX GPS HD for iPad. Also, we loaded high-resolution color aerial imagery for our target units and the surrounding area, to assist in navigation, identification of landscape features, and location of hard to detect features. Finally, standard logistical planning steps were completed to ensure that our team would enjoy safe and efficient days in the field.

STEP 4: FIELD INVENTORY

From January to March, 2016, our team dedicated more than 800 hours to inventorying lands with wilderness characteristics. Our objectives were: 1) to refine unit boundaries to confirmed wilderness inventory roads and impacts to naturalness; 2) to identify and document primitive routes, ways, and trails; 3) locate and document minor impacts to naturalness that are permitted within LWC's; 4) identify and document opportunities for solitude and primitive recreation; and 5) discover and document supplemental values where they exist. The primary tool for documentation was GeoJot+ for iPhone, a data collection app that allows the user to develop drop-down data tables that are attached to geotagged .jpeg digital photographs. In making determinations whether a route was a road versus a way, we returned to the legislative definition of a road (discussed earlier), closely assessed the history of maintenance, and considered the purpose (or lack thereof) of the route, the level of use, its connectivity, and other aspects. We are confident that upon verification, our determinations meet the intent of Manual 6310.

STEP 5: FINAL ASSESSMENT, MAPPING, AND DATA COMPILATION

After a field trip, data were loaded into GeoJot + Core for PC, where edits were made where necessary, and final determinations for unit boundaries were made. A range of products were developed from this application: 1) the photopoint data in Section 5 of this report, complete with tables and geotags; 2) .kml files for Google Earth to visualize the photopoints across the landscape; and 3) a .kml file of scenic panoramas of the units, showcasing the immense beauty and wildness of our final unit proposals. It is the intent of AWC to share these interactive products with BLM to facilitate in the review of our proposals and to support our best efforts to put forth fair proposals in full transparency. Finally, edits were made to unit polygons in GIS, supplemental information was further explored, maps were developed, and the components of this report were produced. Arizona Wilderness Coalition is proud to share with the BLM this citizens' proposal report and accompanying GIS data, the product of an intensive and science-based conservation process that furthers our collective goal to *"preserve and protect certain public lands in their natural condition"*.

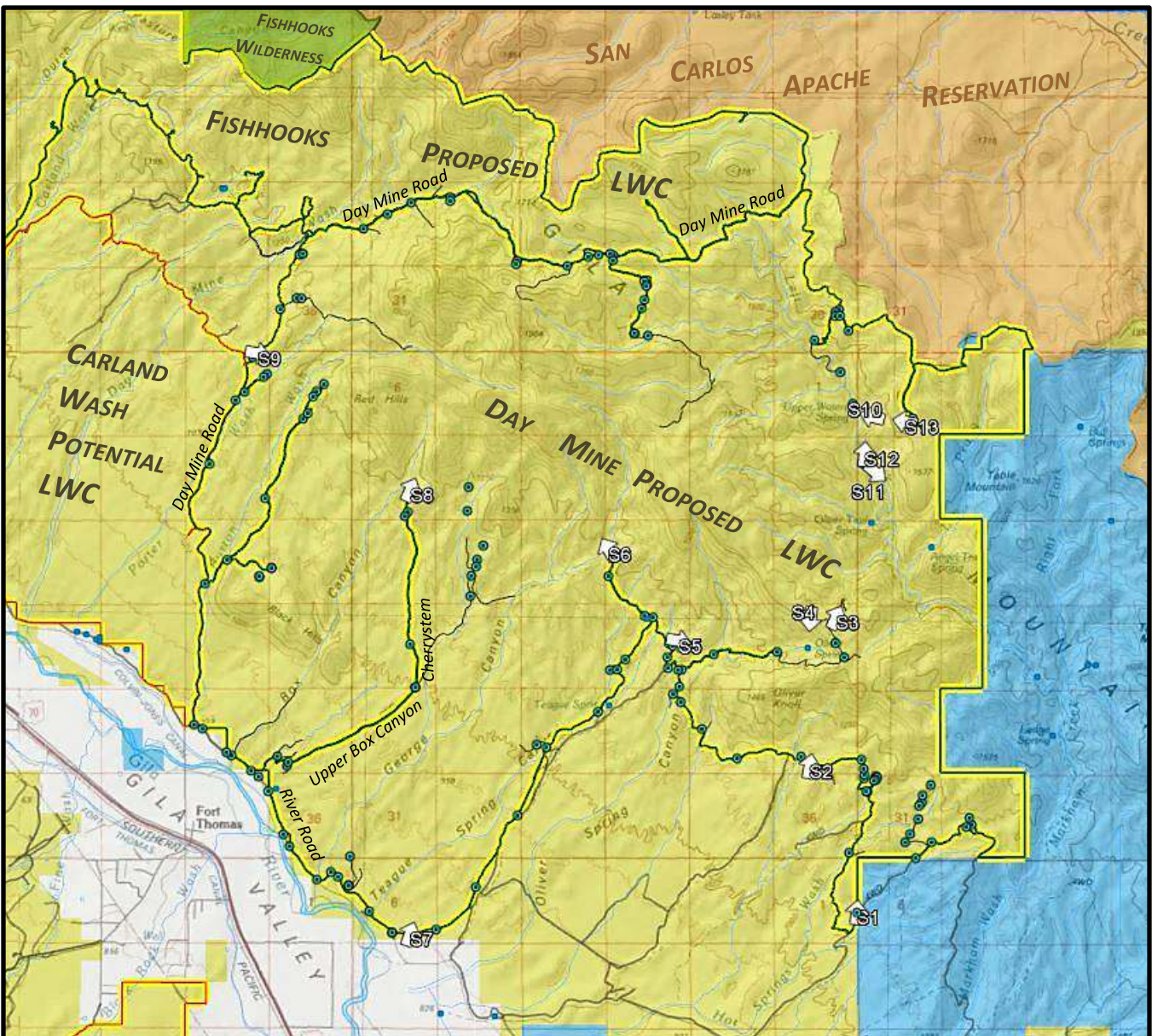
Section 1:

**Overview of the Proposed
Lands with Wilderness Characteristics**

Day Mine Proposed LWC encompasses a large, wild, and natural landscape. Viewing the northwestern slopes of the Red Hills with the magnificent Hilonsum Peak in the distance to the east, this photo is an example of a large portion of the LWC unit showing no signs of human impacts. This area is locally important for hunting deer, gamebirds, and javelina, and provides habitat for a range of wildlife, from the common ones to endangered species. Outstanding hiking, backpacking, backcountry hunting and fishing, and sightseeing can be experienced here, where the desert rises from the Gila Valley to shaded slopes of pinyon pine.



Unit Introduction: Overview map showing unit location & labeled boundaries



Bur. of Land Management	PROPOSED LWC Unit	POTENTIAL LWC Unit	Area of Critical Environmental Concern	Designated Wilderness	National Forest	AZ State Trust Land	Private Land	National Park Service	Indian Reservation
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The Day Mine Proposed LWC encompasses 37,232 acres in the Gila Mountains of central Graham County, Arizona, about 20 miles northwest of the city of Safford, and immediately northeast of the small farming community of Fort Thomas. This part of the Gila Mountains is the farthest north that public lands extend into the 50+ mile range; the rest of it being within the San Carlos Indian Reservation. This unit, along with the Fishhooks Wilderness Contiguous Proposed LWC and the Fishhooks Wilderness form the scenic mountain backdrop to those driving north from Safford on highway 70. The terrain rises from low alluvial terraces along the base of the Gila River Valley, through sweeping bajadas cloaked in creosote-bush and saguaro, to rugged volcanic peaks clad in upper Sonoran shrubs, pinyon pine, and rolling grasslands. Several major canyons dissect the unit, most notably the Left Fork of Markham Creek, which has perennial waters that support rare fish and birds. The area is a popular hunting ground for locals from the Gila Valley who hunt the abundant deer, javelina, and game birds. From barren desert to pine-clad mountainsides, the Day Mine Proposed LWC offers outstanding hiking, hunting, backpacking, horseback riding, and nature study in a sublimely scenic region.

- ↑ S4 Scenic Photos shown in report text
- Photo Data Points (Numbers shown in Sections 3 & 4)
- ~ Wilderness Inventory Roads
- ~ Primitive Routes or Vehicle Ways
- ~ Trails or Reclaimed Ways
- ~ Creeks, Canyons and Washes
- Springs



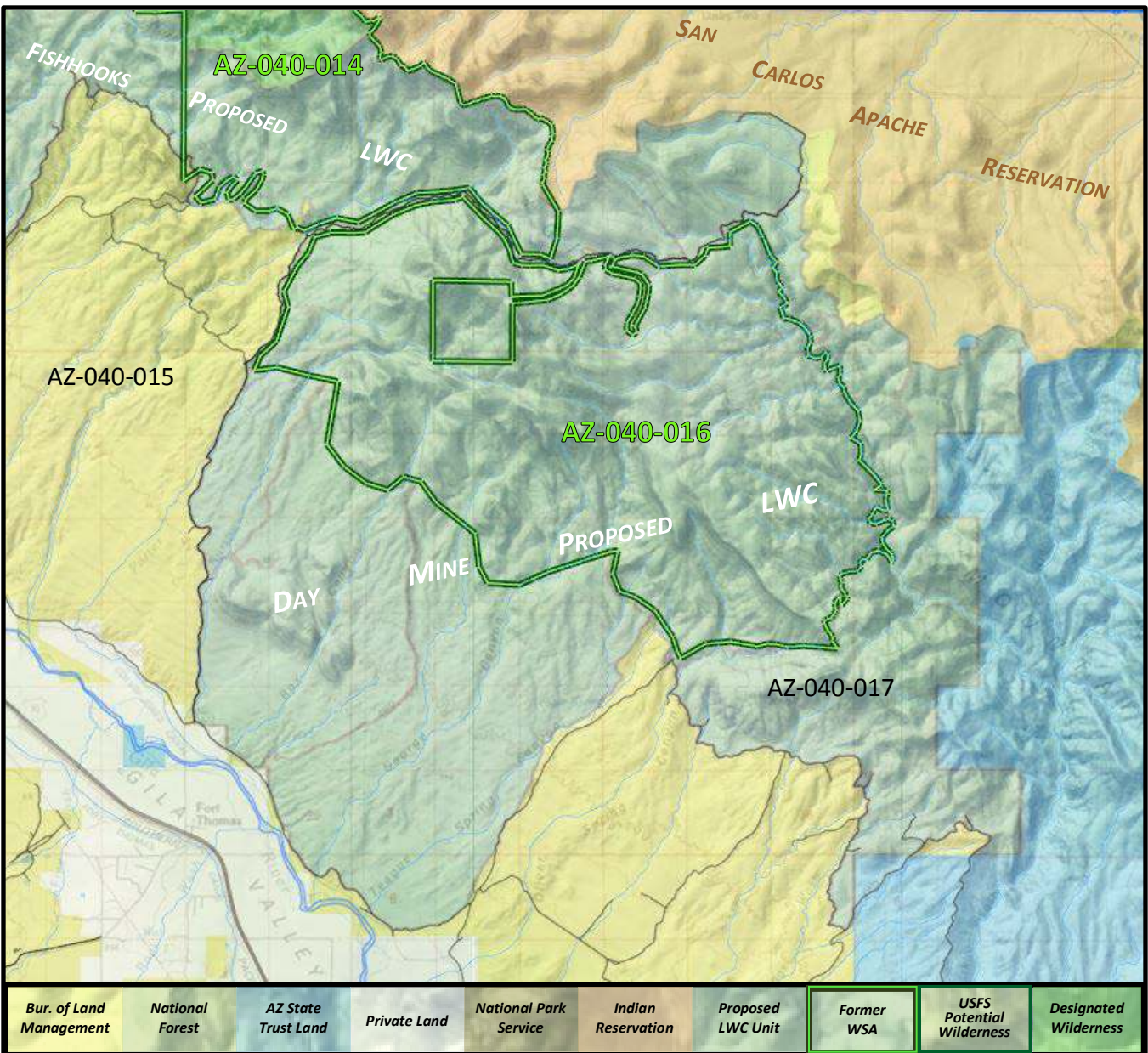
Map of Proposed LWC, showing photo data points, vehicle routes, and unit boundaries. Background map USGS topographic. Data: Google Earth, Bing, BLM, USGS, US Census, AZDOT, TWS, Field Survey. Projection: WGS 84 – UTM Zone 12N Produced for Arizona Wilderness Coalition by Joe Trudeau, Hassayampa Forestry & Ecological. April 2016. www.az-eco.com.



1 mile

5 miles

Previous Wilderness Inventories: Map & discussion of former WSA's or inventory units



A portion of the Day Mine Proposed LWC was previously managed as the Day Mine Wilderness Study Area by BLM. During the Intensive Inventory process, BLM reviewed 28,815 acres. They disqualified 12,176 acres from WSA consideration, and identified the Day Mine WSA at 16,639 acres. The WSA's eastern edge followed the Left Fork of Markham Creek, which we have documented as a natural canyon, with the old vehicle way following it being largely reclaimed by nature. Hence, our unit proposal extends further east to encompass BLM land all the way to the boundary with State Trust land. The southern boundary of the WSA roughly followed an elevational/topographic limit that excluded a few range improvements. BLM Manual 6310 directs BLM not to automatically exclude areas between impacts. Hence, our proposal includes those areas extending to the bottom of the Gila Valley, and the human impacts are cherrystemmed and therefore excluded. In 1987, Arizona Wilderness Coalition proposed a 68,000 acre wilderness block that encompassed the BLM's Day Mine (AZ-040-016), Fishhooks (AZ-040-014), Oliver Knoll (AZ-040-017), Diamond Bar (AZ-040-013) and Carland Wash (AZ-040-015) units, arguing that abundant natural, contiguous acreage existed to unify the separate inventory units, and that all human impacts could be excluded by cherrystems. Ultimately, the BLM failed to recommend Day Mine WSA for Wilderness designation, despite acknowledging outstanding scenic, recreation, solitude and wildlife values, and the unit was released in 1990. Our current proposal clearly defines the extent of human impacts as of January, 2016, providing the most up-to-date inventory of wilderness characteristics for the area. In light of our determinations, we urge the BLM to reconsider protection of wilderness characteristics in the Day Mine Proposed LWC.



Data: Google Earth, Bing, BLM, USGS, US Census, AZDOT, TWS, Field Survey. Projection: WGS 84 – UTM Zone 12N
 Produced for Arizona Wilderness Coalition by Joe Trudeau, Hassayampa Forestry & Ecological. April 2016. www.az-eco.com.

1 mile

5 miles



Section 2:

**Documentation of
Wilderness Characteristics**

The waters of the Left Fork of Markham Creek, running below stunning basalt and tuff cliffs, illustrates just one example among many of the outstanding opportunities for primitive and unconfined recreation found in the landscape at the Day Mine Proposed LWC. Threatened and endangered fish and birds rely on this stream for their survival. The BLM has written that “outstanding opportunities for solitude and primitive and unconfined types of recreation exist throughout the unit. The cliffs along the southern boundary, the deep canyons throughout the unit, and the pinyon-juniper vegetation type of the upper Gila Mountains provide an extensive area where a person can be alone and avoid contact with other people. The broad variety of terrain and vegetation within the unit greatly enhances the opportunities for a number of primitive recreation activities” (BLM Intensive Wilderness Inventory Proposal Report, May, 1980).



Size Criteria

At 37,232 acres, the proposed LWC meets the minimum size criteria for roadless lands set forth in BLM Manual 6310. There are no state, private, or other inholdings contained within the unit.



N 33° 01' 14.98"
W 109° 55' 13.85"

Point S7

From the southernmost point along the unit boundary, this photo looks across the broad, sandy plains of lower Teague Spring and George Canyons, towards the highest points, some seven miles distant.



N 33° 01' 28.30"
W 109° 49' 45.36"

Point S1

From the southeastern corner of the unit, this photo looks to the north over Hot Springs Wash. Oliver Knoll is the tan pyramidal peak left of the center, and the expansive Gila Mountains continue into the distance. The naturalness of this area is quite apparent, with no noticeable human impacts in sight.

Naturalness

The proposed LWC is affected primarily by the forces of nature and absolutely appears natural to the average visitor. This portion of the Gila Mountains has been affected by man periodically through time, but the shape of the LWC unit was determined by excluding most of these impacts. Furthermore, the core of the proposed LWC unit remains relatively untouched by human influence. Human impacts consist of vehicle ways, ranching infrastructure, and some old mine prospecting. Detailed descriptions of these points are found later in this report in the route descriptions section.

Primitive routes within the LWC unit do not substantially detract from the naturalness of the area. Most of the ways found in the LWC are lightly used and/or in the process of becoming revegetated (see points 31, 36, 39, 38, 55, 67, 74, 75, 77, 79, 90, 98, 112-114, 118, 123 & 144). Many of the ways have been reclaimed by nature (see points 4-6, 15, 18, 19, 28, 76 & 120). Aside from these vehicle ways, there are not many other primitive routes that even exist within the proposed LWC unit. In 1987, the BLM evaluated the primitive routes in the Day Mine WSA and found that those that were occasionally used by hunters and ranchers were more noticeable than other ways, but found that *“these ways, however, are deteriorating, are screened by topography and vegetation and have minimal impact on localized areas”* (BLM, 1987: p. 59). We completely agree that the primitive routes within the unit do not detract from naturalness, except for on a minimal, localized scale. The 13 geo-referenced scenic photographs that are provided for the Day Mine LWC document that none of these ways affect the view from a landscape perspective, and they do not substantially detract from the units’ naturalness.



Looking south toward Oliver Knoll, from the rim of Oliver Spring Canyon, the Pinaleno and Santa Teresa Mountains loom in the distance, across the broad Gila River Valley. The Day Mine LWC includes many remote, small summits, including Oliver Knoll, that offer outstanding challenges for hikers and scramblers. The vehicle way that climbs up from point 35 is in the center of this frame, but does not distract the viewer from the wildness of the natural landscape. The corral at the end of that cherrystem is in the bottom of this canyon, and also does not affect the view. This rim marks the transition between the Sonoran Desert shrub-scrub vegetation below, and the pinyon-juniper woodlands above.

Most ranching impacts and infrastructure have been excluded from the Day Mine Proposed LWC unit, either along the boundary, or along cherrystemmed routes. The minor human impacts located outside of the LWC boundaries do not detract from naturalness within the unit. These range improvements are small, few, and far between. In the 1987 WSA evaluation for the Day Mine area, the BLM commented on some of the human impacts in and surrounding the unit at that time (BLM, 1987: p. 59):

“Human imprints and activities outside the WSA have little impact inside the area. The Day Mine line cabin, several range improvements and four short cherrystem roads can be seen from a few isolated areas in the WSA. The cherrystem road to Brushy Tank and its associated corrals and dirt reservoirs moderately impact the naturalness of parts of the WSA’s north-central portion, but these impacts are largely screened by the WSA’s topography and vegetation.”

The road to Brushy Tank has been cherrystemmed in this LWC proposal as well, and Brushy Tank is also excluded. Therefore, neither impact naturalness because they are not major impacts and they are outside of the LWC. BLM Manual 6310 lists earth-bermed tanks among the human impacts that can be considered substantially unnoticeable to the average visitor, and thus do not detract from naturalness. Regardless, the Day Mine LWC has sufficient topographic and vegetative screening throughout to render such impacts unnoticeable.



This is the cherrystemmed wilderness inventory road that heads toward the Red Hills and higher mountains in the northwestern part of the LWC unit. Upper Box Canyon, in the middle-ground, extends north into the highest points of the area, providing outstanding seclusion. This route is hardly an impact to naturalness, and in fact it has not seen recent maintenance, but since it leads to a properly functioning slickrock detention dam and water tanks, we assume it is likely to be maintained. This route and the routes associated with points 94-105, represent the most substantial impacts to naturalness in the unit. BLM Manual 6310 states that areas between impacts should not be automatically excluded; so in spite of these cherrystems, the Red Hills – Box Canyon area should not be disqualified for LWC consideration. Furthermore, this portion of the LWC, between those cherrystems, is in itself over 5,000 acres.

Mining impacts are very minor within the Day Mine Proposed LWC unit. Some mining impacts from the past that have largely revegetated and been reclaimed by natural processes can be seen in points 7-10 and 22-25. A few other mining claims occur within in the unit, and concurrent with our inventory, a field crew was maintaining claim corners, but none of these claims have been developed. BLM Manual 6310 states that *“undeveloped ROWs and similar undeveloped possessory interests (e.g., mineral leases) are not treated as impacts to wilderness characteristics because these rights may never be developed”*.

Solitude & Recreation

The proposed LWC provides outstanding opportunities for solitude and primitive and unconfined recreation. Some activities that the BLM has identified as primitive recreation in the Safford area include hunting, horseback riding, hiking, backpacking, camping, rock scrambling and climbing, sightseeing, photography, and environmental study (BLM, 1987). All of these activities are possible in the Day Mine Proposed LWC. The BLM has reported that *“the topography and vegetation of Day Mine WSA offer outstanding opportunities for primitive and unconfined recreation, including hiking, camping, hunting, horseback riding, photography and sightseeing”* (BLM, 1987: p. 60). Our proposal is substantially larger than the WSA, so these opportunities are even more outstanding.

Hunters will find outstanding opportunities for bird, big game and small game hunting in a beautiful wilderness setting within the Day Mine Proposed LWC. Species of economic and recreational importance found in the LWC unit include band tailed pigeon, bighorn sheep, black bear, Gambel’s quail, javelina, mountain lion, mule deer, and white winged dove (www.habimap.org). The BLM has identified *“hunting for deer, game birds and javelina [occur] throughout the WSA”* (BLM, 1987: p. 93). At that point, the BLM estimated 50 user-days annually hunting, but without a doubt, the number of user-days has increased from 1987. In fact, our inventory team observed a number of deer hunters utilizing the area over just a few days.

Outstanding opportunities for bird watching can be found throughout the proposed LWC. The abundant cliffs provide optimal habitat for a number of uncommon and rare raptors. Riparian woodlands along Markham Creek (seen at right) offer a desert oasis for a large number of breeding songbirds, including the federally endangered southwestern willow flycatcher and the federally threatened yellow-billed cuckoo. Additionally, outstanding opportunities for fishing in a secluded desert stream with perennial flows can be found in the East Fork of Markham Creek.



The outstanding diversity of elevation, aspect, geology and habitat types throughout the unit create unique opportunities for nature study. The LWC provides exceptional prospects for observing botanical, zoological and geological wonders in a remote wilderness setting. Those interested in photography will find a number of uncommon species to capture in a wildly scenic landscape.

This portion of the Gila Mountains provides a range of outstanding primitive and unconfined recreation opportunities. Day hikers can pick from a number of stunning destinations including Oliver Knoll, the highest point of the unit - Hilonsum Peak, the Red Hills, or Markham Creek, to name a few. Day hiking access from Day Mine Road is easy, as the road is in good condition and there are many good parking spots. Climbers may choose to scale some of the more challenging terrain including complex rock outcrops, sheer cliffs, or steep canyon walls. The eastern half of the unit contains seven springs and the perennial Markham Creek, which can provide backpackers and horseback riders with necessary water resources. Backpackers have many options to choose from, such as a route that winds up rugged canyons to Hilonsum Peak, then over to the East Fork of Markham Creek Canyon. Numerous washes offer convenient travel corridors for horseback riders and other explorers. With so many high points to summit, hikers are sure to experience outstanding isolation in this very wild country, and *“long distance views of the Safford Valley and the surrounding mountains from the WSA's high points also add to a sense of isolation and remoteness”* (BLM, 1987: p. 60).



A view of Oliver Knoll from the southern boundary road, along with other unnamed peaks that rise dramatically from the creosote-clad bajadas below, shows the scenic value of the proposed LWC. The Day Mine LWC provides outstanding opportunities for experiencing solitude, and primitive and unconfined recreation. In analyzing the Day Mine WSA, the BLM reported that wilderness designation “would preserve and provide outstanding opportunities for solitude and primitive recreational activities. The areas size, shape and variety of topography and vegetation contribute to opportunities for solitude. The pinyon-juniper forest of the higher elevations offers numerous secluded spots. The physical and biological features of the WSA also provide outstanding opportunities for hiking, camping, hunting, horseback riding, photography and sightseeing in an isolated, natural setting” (BLM, 1987: p. 129).

With well over 35,000 acres to explore, the vast Day Mine Proposed LWC contains an outstanding landscape for finding solitude and having outstanding primitive recreational experiences. The topographic relief and undulating terrain dissected by numerous canyons provide landscape features ideal for those seeking seclusion. Places like this are becoming ever more difficult to find, and it's more important than ever to protect these most wild, natural landscapes for future generations.

Supplemental Values

The proposed LWC has supplemental values that enhance the wilderness experience & deserve protection. BLM Manual 6310 defines supplemental values as “*ecological, geological, or other features of scientific, educational, scenic, or historical value*” (section .06.C.2.d). Throughout this report, we have shown the scenic value of the area in photographs and through description. A review of the photopoints in Section 4 of this report will also provide evidence of the units’ incredible scenery. Below, we provide a summary of additional supplemental values present in the proposed LWC.

The proposed LWC has been nominated as an Area of Critical Environmental Concern

Source: Safford District Resource Management Plan: Final EIS. Published in 1991 by the BLM, Safford Field Office, Arizona
Find it at: http://www.blm.gov/az/st/en/info/nepa/environmental_library/arizona_resource_management.html

In the early 1990’s, following the BLM determining that the Day Mine area would not be considered for Wilderness designation, the area received two nominations for designation as an ACEC: one would have included “*riparian, wildlife, fisheries, scenic and cultural values present in the Markham Creek Canyon*” (BLM, 1991: p. 451), and the other would have included the “*portion of the Gila Mountain range extending from the upper bajadas, up and over the vertical rock escarpment, across the badland formations north and east of the crest, to the perennial Left Hand Fork of Markham Creek*” (BLM, 1991: p. 449). The BLM reported that

“the proposed area also contains a number of prehistoric cultural properties and some visually striking scenery overlooking the central portion of the Safford Valley...Its aquatic, riparian, wildlife and cultural resources were found to be “Relevant” to the Area of Critical Environmental Concern system...and populations contained some regionally localized species (black and zone-tailed hawks and lowland leopard frogs)” (BLM, 1991: p. 449).

The BLM ultimately decided against designation of Day Mine because these values were of “local” interest only and lacked “regional importance”. In the twenty five years since that determination, the Day Mine Proposed LWC area has remained wild, and in fact some previously impacted areas have substantially re-wilded. Concurrently, habitat fragmentation, mine expansion, and climate change have exerted additional pressure on wildlife and ecosystems, and the importance of protecting biodiversity and wilderness characteristics has only increased.

The proposed LWC provides riparian habitat that supports sensitive species

Source: Arizona Game and Fish Department Heritage Data Management System (HDMS) Online Environmental Review Tool
Find it at: <https://azhgis2.esri.com/>

Source: “Upper Gila-San Simon Grazing Environmental Statement Final”. Published in 1978 by the Bureau of Land Management, Safford District, Arizona.
Find it at: <http://catalog.hathitrust.org/Record/002559477>

The perennial waters of the Left Fork of Markham Creek support a vibrant ecosystem which harbors a rich assemblage of wildlife. The BLM recognized this just two years after the agency was created when it proposed 3,040 acres for designation as an Outstanding Natural Area (BLM, 1978). Four rare native fish have suitable habitat here, including the lowland leopard frog, the federally endangered desert

pupfish, and three fish species of concern: Gila longfin dace, speckled dace, and desert pupfish. The riparian forest, consisting of sycamore, Fremont cottonwood, velvet ash, Arizona walnut, box elder and other mature trees provide habitat for the federally threatened yellow-billed cuckoo, which is known to occur in the area. Vigorous willow growth provides habitat for the federally endangered southwestern willow flycatcher, which also has been documented in the area, and bald eagle, golden eagle, zone-tailed hawk, Swainson's hawk, and common black hawk have been documented along Markham Creek as well. The State HDMS provides reports to the public for known occurrences of plant and animal species of concern per USGS topographic quadrangles. The proposed LWC falls on the Bonita Tank, Gila Peak, Markham Creek and Fort Thomas quadrangles. A table listing the species found within that area is provided in Appendix 1.

The proposed LWC contains grasslands of ecoregional importance

Source: "An assessment of the spatial extent and condition of grasslands in central and southern Arizona, southwestern New Mexico, and northern Mexico" by David F. Gori and Carolyn A.F. Enquist. Published in 2003 by The Nature Conservancy, Arizona Chapter.

Find it at: http://azconservation.org/downloads/category/grassland_assessment

This study assessed and characterized native grasslands, historical vegetation changes, and prospects for grassland restoration – primarily using fire – for the Apache Highlands Ecoregion in Arizona, New Mexico, and northern Mexico. They found that native grasslands with a low (<10%) shrub cover represent only 15.4% of all current and former grasslands in the study area. The BLM manages 17.5% of all current and former grasslands in the United States portion of the ecoregion, where only 1.2% of the highest quality grasslands are protected from land cover conversion. The proposed LWC contains several thousand acres of condition class B grassland/savanna, which are native-dominated grasslands with less than 35% shrub cover, and a lesser area of class A grasslands, which are those with under 10% shrub cover. This is primarily the upper headwaters area to Markham Creek, which the cover photo for this report looks into. Much of the unit was classified as formerly grassland, which has been invaded by mesquite, catclaw, succulents, and chaparral due to fire suppression and livestock grazing. Protection of wilderness characteristics in the Day Mine Proposed LWC would contribute to the conservation of this important and diminishing ecological and cultural resource which is important habitat for golden eagle and Swainson's hawk, both known to occur here.

The proposed LWC falls within a priority Conservation Area as determined by The Nature Conservancy

Source: "An ecological analysis of conservation priorities in the Apache Highlands Ecoregion" by R.M. Marshall, D. Turner, A. Gondor, D. Gori, C. Enquist, G. Luna, R. Paredes Aguilar, S. Andersen, S. Schwartz, C. Watts, E. Lopez, and P. Comer.

Published in 2004 by the The Nature Conservancy of Arizona, Instituto del Medio Ambiente y el Desarrollo Sustentable del estado de Sonora, agency and institutional partners.

Find it at: <http://azconservation.org/projects/ecoregions>

This study identified conservation focus areas for the Apache Highlands Ecoregion, which includes 30 million acres of central and southeastern Arizona, southwestern New Mexico, and north-central Mexico; bounded to the north by the Mogollon Rim, the west by the Mohave and Sonoran Deserts, the east by the Chihuahuan Desert, and to the south by the Sierra Madre Occidental. This was a collaborative, multi-disciplinary process which analyzed at-risk species and habitats, threats to

ecosystem health, and effective solutions to maintain biodiversity and ecosystem resiliency. TNC completed the ecoregional assessment using advanced GIS and statistical computing tools to identify a network of conservation areas, across land ownership, where the most imperiled, keystone, or endemic ecosystems, species, and habitats could be protected with the least effort. The proposed LWC is within the Ash Flat Conservation Area, which encompasses 410,186 acres across the broad Ash Flat geographic feature, which is a vast grassland/savanna flat that extends from the crest of the Gila Mountains north to the Nantac Rim and the Nantanes Plateau on the San Carlos Reservation. Most of Ash Flat is considered class A grassland, like the upper reaches of Markham Creek. The protection of wilderness characteristics in the proposed LWC would contribute to the broader objectives of protecting the full range of native wildlife and ecosystems in the Apache Highlands Ecoregion, including class A and B grassland/savanna, desert riparian woodland/shrubland, Sonoran paloverde-mixed cacti desert scrub, pinyon-juniper woodland, lowland leopard frog, western burrowing owl, common black hawk, peregrine falcon, speckled dace, and black bear – species that all occur within the proposed LWC. The table showing the target criteria from this analysis is provided in Appendix 2.



This view into Markham Creek looks down at the riparian woodlands that thrive below the perennial flows of Upper Waters Spring. Also visible are the class B grassland-savannas that are so important for the conservation of many wildlife species. Pinyon woodlands provide cover for mule deer and black bear, and cloak the north slopes that rise up to the units' 6,444 foot high point, Hilonsum Peak. An abandoned corral is situated in the small meadow (see points 144 and 145 showing the unused and reclaimed condition of the way that once allowed vehicle access down the canyon). Markham Creek provides outstanding habitat, solitude, and hiking opportunities through a stunning canyon.

Conclusion

The Arizona Wilderness Coalition recommends to the Bureau of Land Management that the proposed area should be managed for protection of wilderness characteristics according to the policies established in BLM Manuals 6310 and 6320. In this report, we have provided the requirements for a citizens' proposal, and documented that the proposed unit meets the criteria for size, naturalness, solitude, and primitive recreation. Furthermore, we have provided a summary of supplemental values that support the protection of the area for the purposes of conserving biodiversity, protecting and restoring watershed health, and preserving the vibrant fabric of life that is cherished by the residents of Arizona and is the scenic backdrop to our lives.

The Day Mine Proposed LWC is an exceptional natural area that provides outstanding opportunities to find solitude, whether on a day hike in Box Canyon, or part of a multi week passage enchaining the length of the Gila Mountains. There are abundant prospects for facing true wilderness experiences in remote settings, far from roads, city lights, and industry. Canyons, solitary peaks and long pristine desert washes provide the space for visitors to discover a transitional zone between the Sonoran Desert and the Central Highlands regions.

Our proposal seeks to protect those areas that are in a natural state, and balance sustainable uses on areas currently impacted by range developments. The degree of naturalness of this unit is indeed distinct; and as mining, residential development, agriculture and other intensive uses expand in the Gila Valley, the importance of protecting this resource will only increase. The Day Mine unit has long been acknowledged for its special values; recommended for protection as an Area of Critical Environmental Concern, managed as a Wilderness Study Area, and identified by the Arizona Wilderness Coalition and Sky Island Alliance for its unique wilderness qualities, Day Mine deserves enhanced management actions to protect wilderness characteristics.



Looking toward the Red Hills and other scenic mountains including Hilonsum Peak, the highest point in the unit at 6,444 feet in elevation. The Day Mine LWC contains outstanding opportunities for viewing colorful and unique geologic features, such as the tuff outcrop shown in the foreground.

Appendix 1: Arizona Heritage Data Management System Report for Day Mine Proposed LWC

Quad Name	Scientific Name	Common Name	USESA	USFS	BLM	GRANK	SRANK	SGCN	NPL
BONITA TANK	Buteo swainsoni	Swainson's Hawk				G5	S3	1C	
BONITA TANK	Recurvirostra americana	American Avocet				G5	S2		
GILA PEAK	Abutilon parishii	Pima Indian Mallow	SC	S	S	G2	S3		SR
GILA PEAK	Aquila chrysaetos	Golden Eagle			S	G5	S4	1B	
MARKHAM CREEK	Agosia chrysogaster chrysogaster	Gila Longfin Dace	SC		S	G4T3T4	S3S4	1B	
MARKHAM CREEK	Aquila chrysaetos	Golden Eagle			S	G5	S4	1B	
MARKHAM CREEK	Buteo albonotatus	Zone-tailed Hawk				G4	S4		
MARKHAM CREEK	Buteogallus anthracinus	Common Black Hawk				G4G5	S3	1C	
MARKHAM CREEK	Lithobates yavapaiensis	Lowland Leopard Frog	SC	S	S	G4	S3	1A	
MARKHAM CREEK	Rhinichthys osculus	Speckled Dace	SC		S	G5	S3S4	1B	
FORT THOMAS	Aquila chrysaetos	Golden Eagle			S	G5	S4	1B	
FORT THOMAS	Asio otus	Long-eared Owl				G5	S2B,S3S4N	1C	
FORT THOMAS	Buteo swainsoni	Swainson's Hawk				G5	S3	1C	
FORT THOMAS	Cicindela oregona maricopa	Maricopa Tiger Beetle	SC			G5T3	S3		
FORT THOMAS	Coccyzus americanus	Yellow-billed Cuckoo (Western DPS)	LT	S		G5	S3	1A	
FORT THOMAS	Cyprinodon macularius	Desert Pupfish	LE			G1	S1	1A	
FORT THOMAS	Empidonax traillii extimus	Southwestern Willow Flycatcher	LE			G5T2	S1	1A	
FORT THOMAS	Poeciliopsis occidentalis occidentalis	Gila Topminnow	LE			G3	S1S2	1A	
FORT THOMAS	Pyrgulopsis arizonae	Bylas Springsnail	SC		S	G1	S1	1A	
FORT THOMAS	Tryonia gilae	Gila Tryonia	SC		S	G1	S1	1A	

Appendix 2: Ash Flat Conservation Area Target Species and Ecological Systems from Marshall et al., 2004: p. 122

Conservation Area 34 Ash Flat			Total Conservation Targets 23	
Site size (hectares): 166,000		(acres): 410,186		
Taxonomic Group	Scientific Name	Common Name	Global Rank	E3A Status
Ecological System		Apachean Grassland and Savanna Condition Class A	GU	
		Apachean Grassland and Savanna Condition Class B	GU	
		Apachean Shrubland	GU	
		Cienega point	GU	
		Desert Riparian Woodland and Shrubland	GU	
		Desert Wash	GU	
		Interior Chaparral	GU	
		Madrean Encinal	GU	
		Madrean Oak-Pine Woodland	GU	
		Montane Riparian Woodland and Shrubland	GU	
		Phylon-Juniper Woodland	GU	
		Ponderosa Pine Forest and Woodland	GU	
		Sonoran Paloverde-Mixed Cacti Desert Scrub	GU	
Amphibian	Rana chiricahuensis	Chiricahua leopard frog	G3	LT
	Rana yavapaiensis	Lowland leopard frog	G4	
Bird	Athene cunicularia hypugaea	Western burrowing owl	G4	
	Buteogallus anthracinus	Common black-hawk	G4	
	Falco peregrinus anatum	American peregrine falcon	G3	
Fish	Catostomus commersoni	Desert sucker	G3	
	Gila intermedia	Gila chub	G2	C
	Rhinichthys osculus	Speckled dace	G5	
Mammal	Sclurus arizonensis	Arizona tree squirrel	G4	
	Ursus americanus	Black bear	G5	

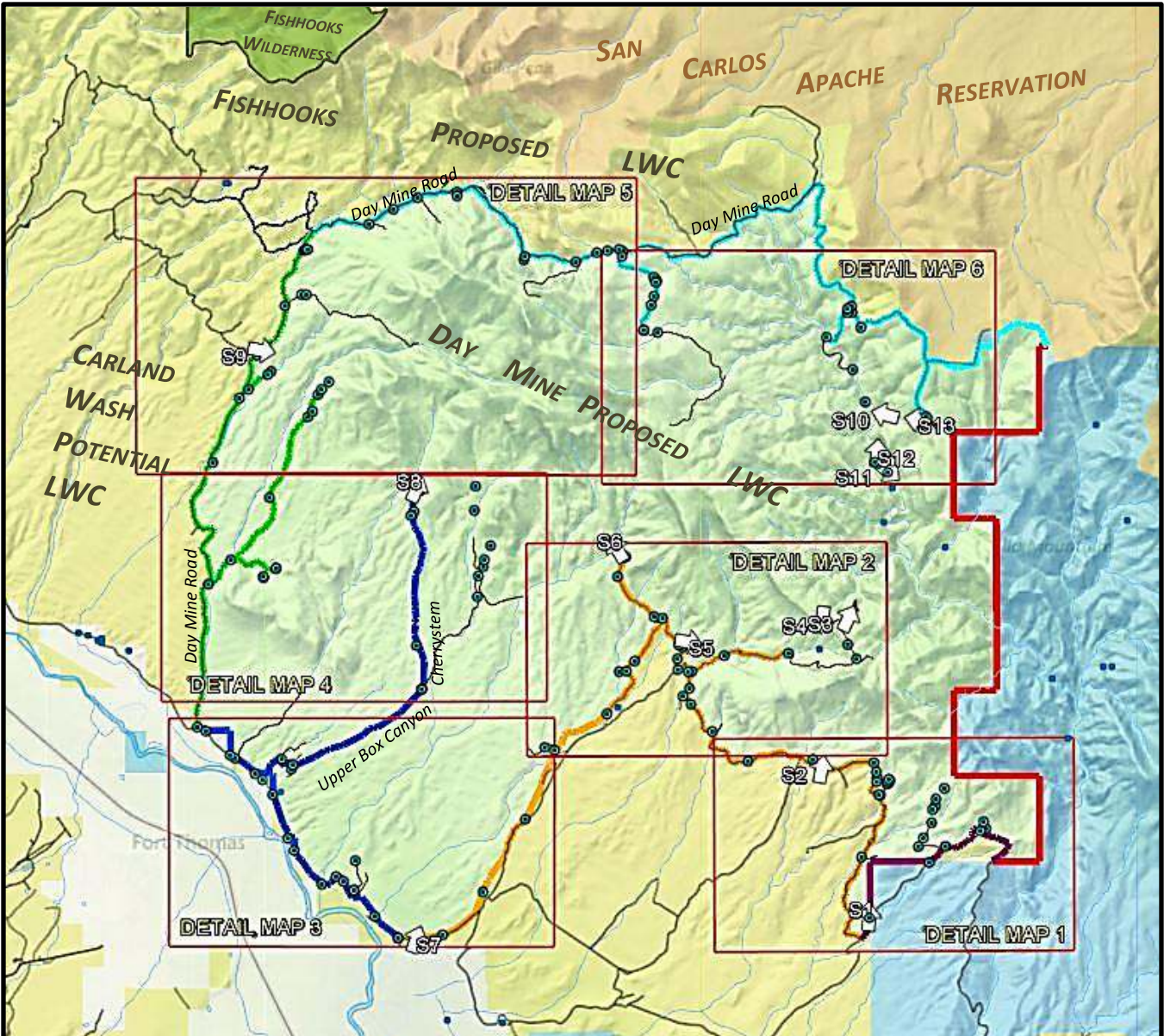
Section 3:

***Detailed Maps & Description of the
Unit Boundary, Roads, Ways and Human Impacts***

Looking down an abandoned vehicle way, into the Left Fork of Markham Creek, you see numerous side canyons and abundant vegetative screening which provide excellent opportunities for finding seclusion. Striking, sinuous cliff bands, and outcrops of red, yellow and orange rock offer challenges for climbers and adventuresome scramblers seeking primitive recreation opportunities in a truly wilderness setting.



Overview Map with Boundary Segments & Detail Map Keys



Bur. of Land Management	PROPOSED LWC Unit	Detail Map Key	Area of Critical Environmental Concern	Designated Wilderness	National Forest	AZ State Trust Land	Private Land	National Park Service	Indian Reservation
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Unit boundary descriptions are organized by color-coded Boundary Segments. Detail Maps show photo points over 7.5' USGS topographic maps.

- **Boundary Segment A: Eastern Boundary with State Trust land**
- **Boundary Segment B: Southeastern Boundary (points 1 – 13)**
- **Boundary Segment C: Southern Boundary along ranch roads (points 14 – 58)**
- **Boundary Segment D: Southwestern Boundary (River Road, points 59 – 93)**
- **Boundary Segment E: Western Boundary (Day Mine Road, points 93 – 117)**
- **Boundary Segment F: Northern Boundary (Day Mine Road, points 118-149)**

- S4 Scenic Photos shown in report text
- Photo Data Points (Numbers shown on Detail Maps)
- Wilderness Inventory Roads
- Primitive Routes or Vehicle Ways
- Trails or Reclaimed Ways
- Creeks, Canyons and Washes
- Springs



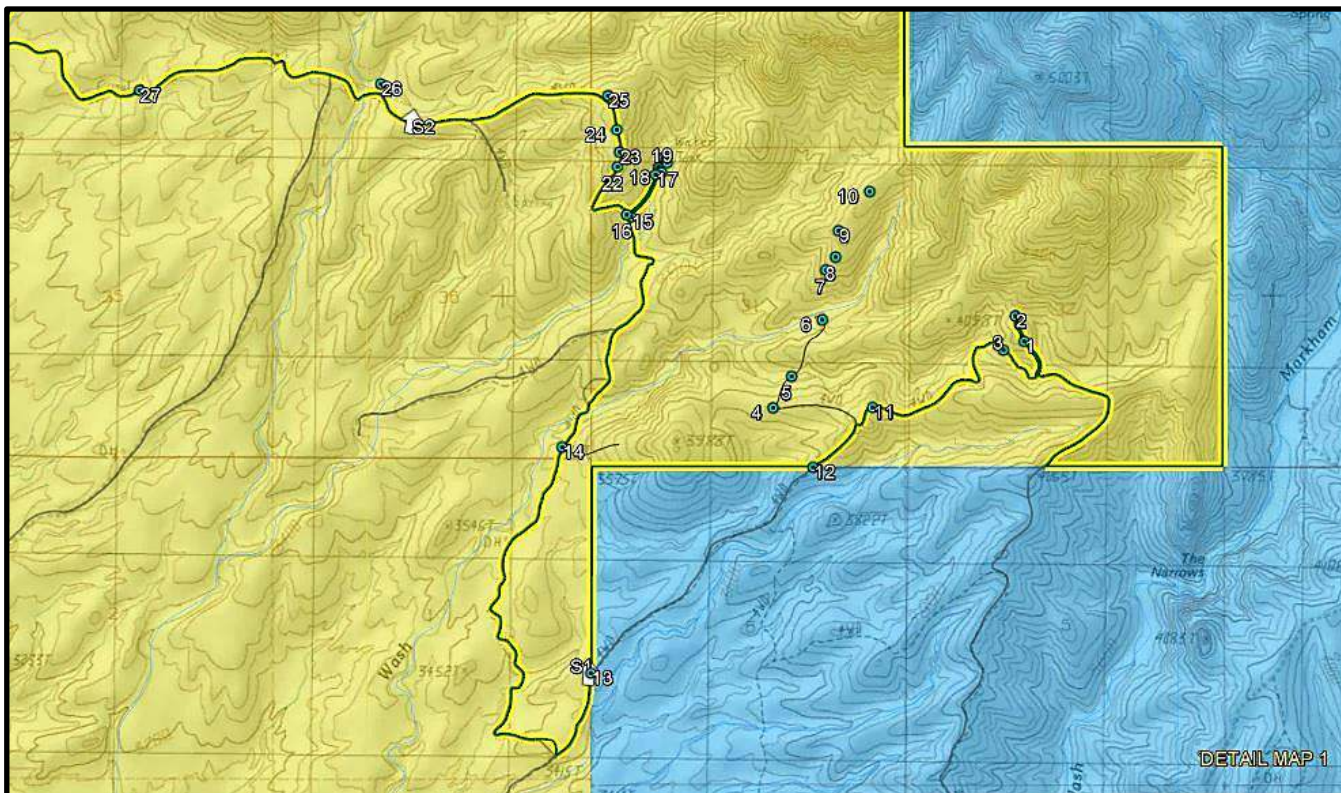
Map of Proposed LWC, showing boundary description segments and detail map keys. Background map Google Terrain. Data: Google Earth, Bing, BLM, USGS, US Census, AZDOT, TWS, Field Survey. Projection: WGS 84 – UTM Zone 12N Produced for Arizona Wilderness Coalition by Joe Trudeau, Hassayampa Forestry & Ecological. April 2016. www.az-eco.com.



1 mile

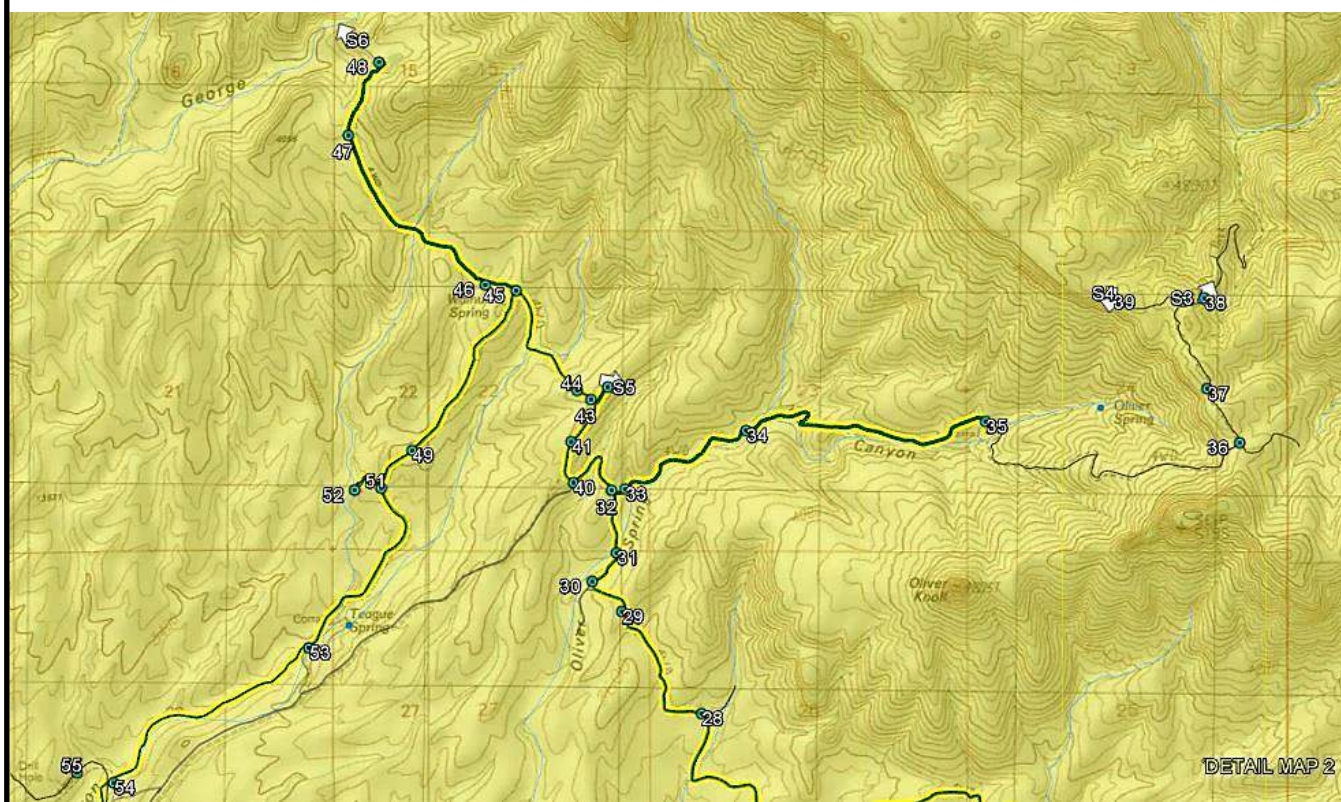
3 miles

Detail Maps with Photopoint Locations: (Refer to Overview Map Legend for Symbology; Scale varies)

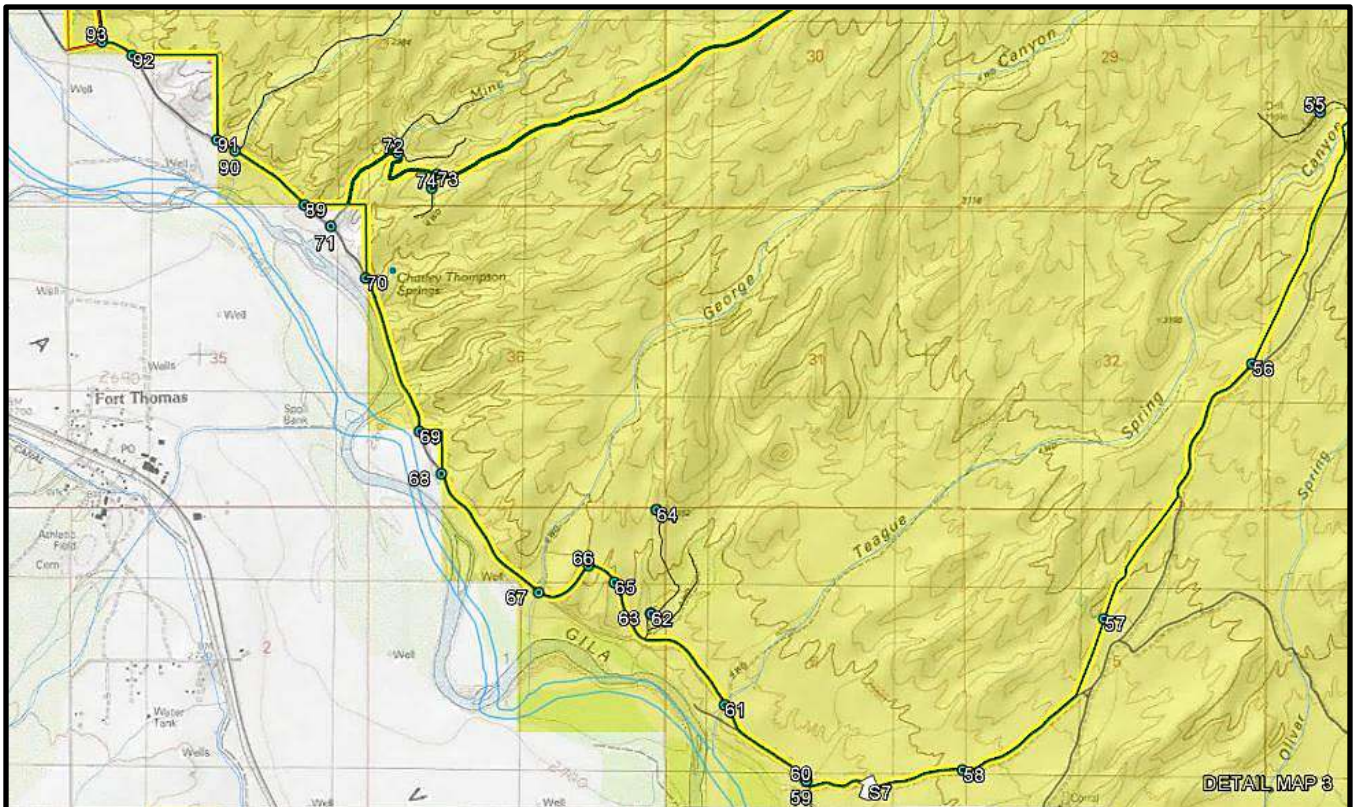


DETAIL MAP 1: POINTS 1 – 27 IN SOUTHEASTERN UNIT CORNER

DETAIL MAP 2: POINTS 28 – 55 IN SOUTHEASTERN UNIT CORNER

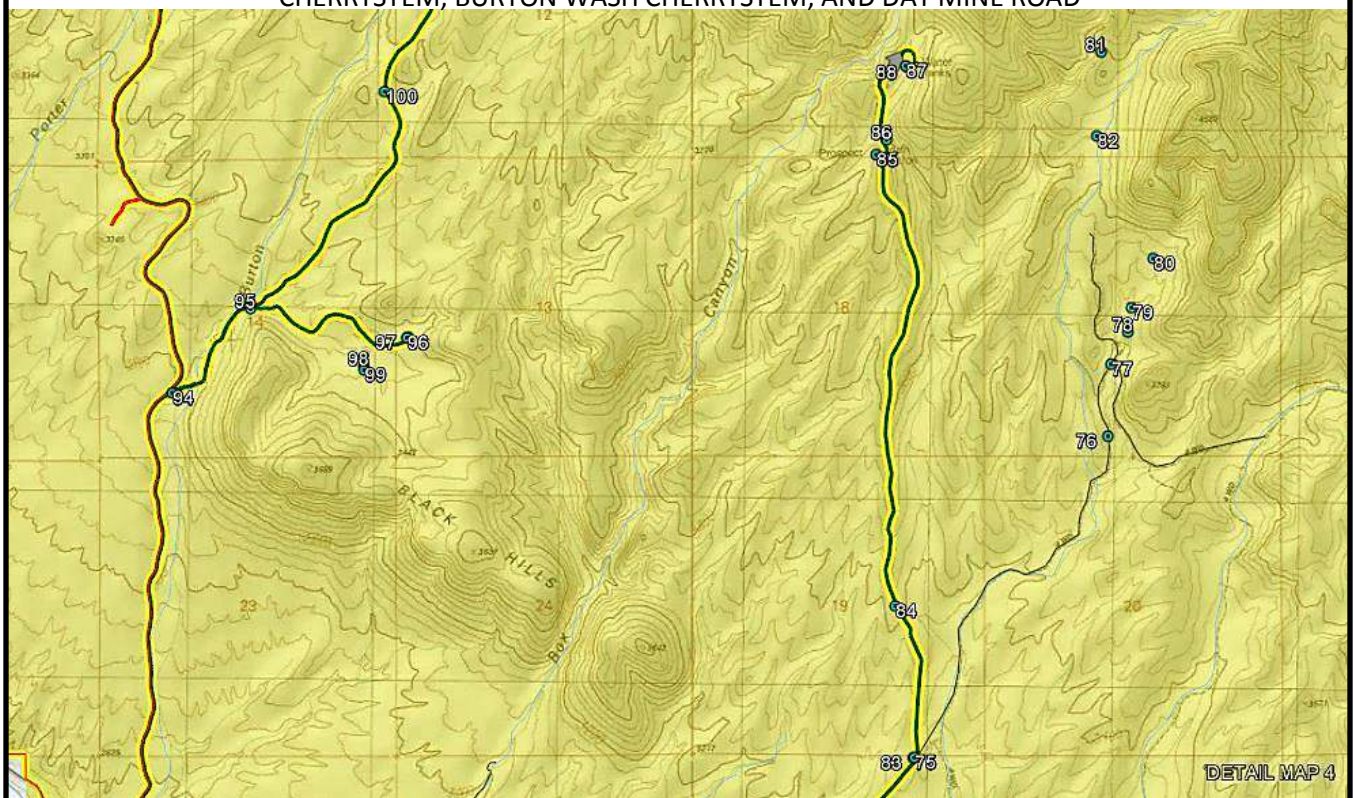


Detail Maps with Photopoint Locations: (Refer to Overview Map Legend for Symbolology; Scale varies)

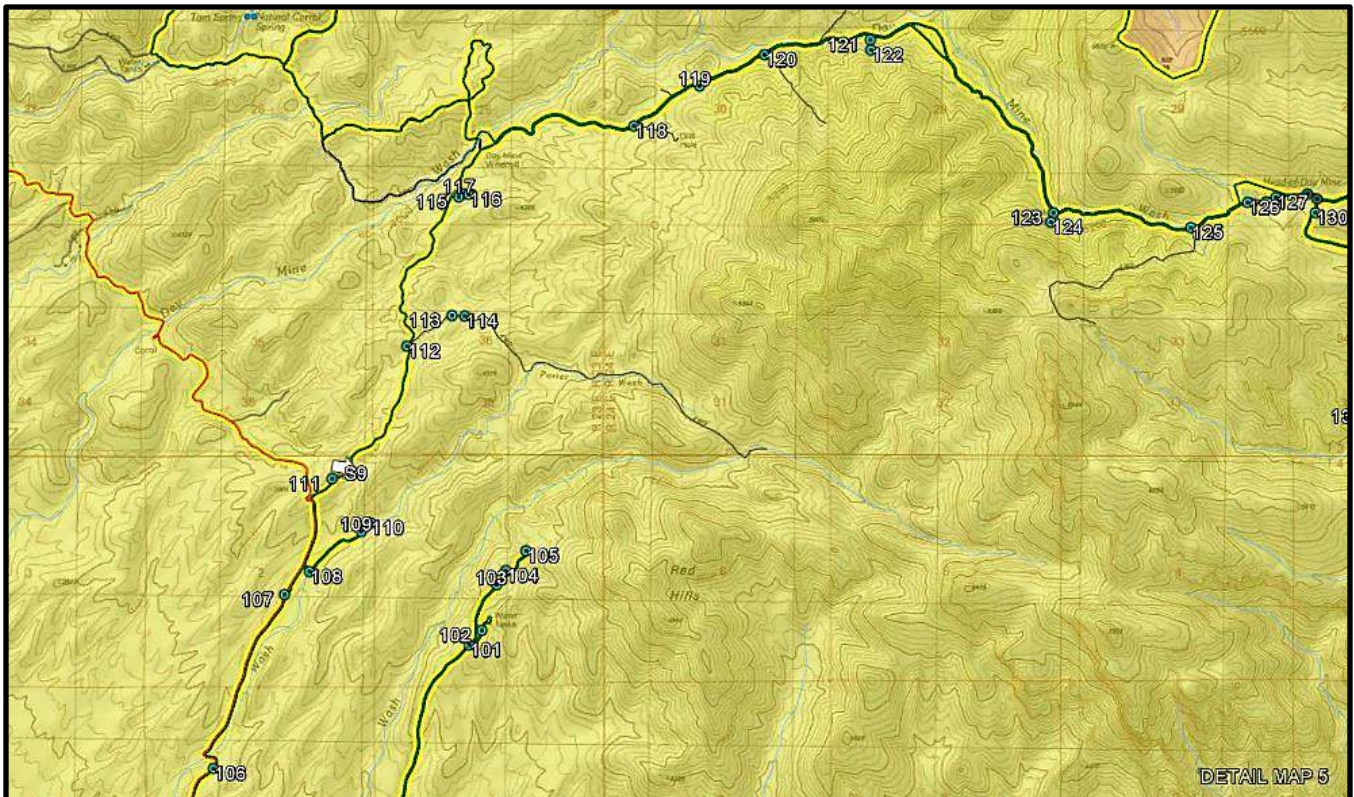


DETAIL MAP 3: POINTS 55 – 74 AND 89 – 93 IN SOUTHWESTERN UNIT AREA ALONG RIVER ROAD

DETAIL MAP 4: POINTS 75 – 87 AND 94 – 100 IN SOUTHERN UNIT AREA, SHOWING UPPER BOX CANYON CHERRYSTEM, BURTON WASH CHERRYSTEM, AND DAY MINE ROAD

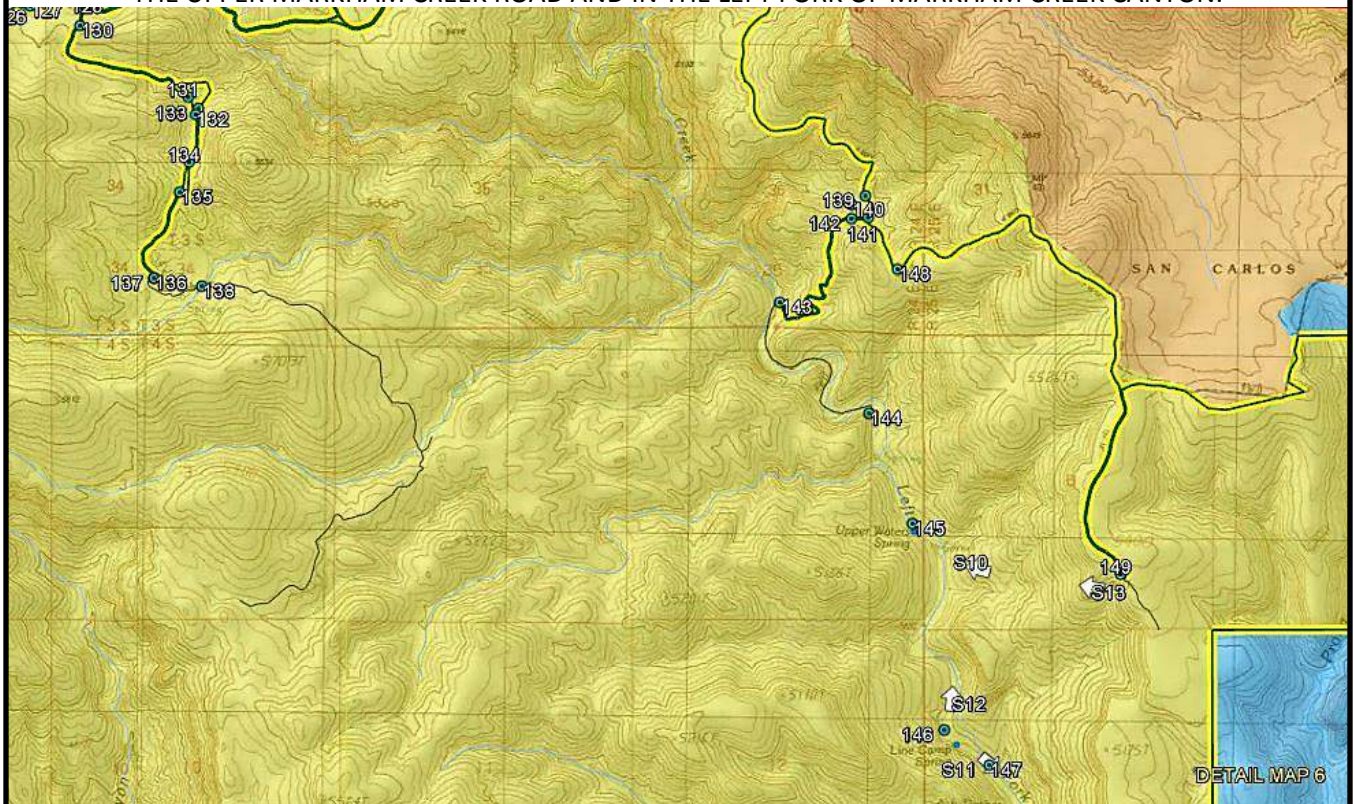


Detail Maps with Photopoint Locations: (Refer to Overview Map Legend for Symbology; Scale varies)



DETAIL MAP 5: POINTS 101 – 105 ALONG THE BURTON WASH CHERRYSTEM AND POINTS 106 – 130 ALONG DAY MINE ROAD. SHOWING THE HIGHEST MOUNTAIN TERRAIN OF THE CENTRAL PORTION OF THE UNIT.

DETAIL MAP 6: POINTS 130 – 138 ALONG THE BRUSHY TANK CHERRYSTEM AND POINTS 139 – 149 ALONG THE UPPER MARKHAM CREEK ROAD AND IN THE LEFT FORK OF MARKHAM CREEK CANYON.



Narrative Description of the Proposed LWC Boundary & Vehicle Routes

Segment A: Eastern Boundary

SEE OVERVIEW MAP

General Description: The entire eastern boundary of the Day Mine Proposed LWC is the BLM property line with State Trust Lands in the western headwaters of Markham Creek.

Boundary Adjustments: There are no boundary line adjustments in this segment.

Cherrystems: There are no cherrystems in this boundary segment.

Ways: No ways permeate the proposed LWC boundary in this segment. There was once a route in the Left Fork of Markham Creek, but that route is no longer passable and has been reclaimed by nature (see points 144-147).

Associated Human Impacts: There are no human impacts along this boundary segment.

Segment B: Southeastern Boundary

SEE DETAIL MAP 1

General Description: Wilderness Inventory Roads form much of the southeastern unit boundary, shown in points 3 and 11. Although this road has not been maintained in some time, it is likely to be maintained because it is a thru road, and it is used to access apparently functional ranch infrastructure (well and water tanks). The remainder of this boundary segment from point 12 to point 13 is the BLM property line with State Trust Lands.

Cherrystems:

-Point 1 displays the image of a very short cherrystemmed wilderness inventory road. Although this road has not been maintained in some time, it is likely to be maintained because it accesses some functional water tanks (point 2) at the end of the road.

Ways:

-Points 4-10 document a lightly used unmaintained way that was built for mine prospecting decades ago. Point 4 shows a dead-end spur that has revegetated. Point 6 was taken at the point where the way ends. To the north of point 6, the way has revegetated and been reclaimed by nature (points 7-10).

Associated Human Impacts: The water tanks and corral at point 2 have been excluded from the proposed LWC unit. Mine prospects along the way at points 4-10 are naturalizing and do not substantially impact the unit's naturalness in this area.

Segment C: Southern Boundary

SEE DETAIL MAPS 1 - 3

General Description: The boundary for this segment is comprised of wilderness inventory roads and a plastic water pipeline which parallels a wilderness inventory road. Points 16, 29, 30, 32, 40, 41, 43, 44, 45 and 49 display photographs of the roads that form this boundary segment. These roads are used primarily for ranching and hunting, though in the past they accessed mineral prospecting. They have all been mechanically maintained within the past 5 years, although they are by no means two-wheel drive routes. At point 53, the proposed unit boundary leaves the roads and follows a water pipeline, which

can be seen in point 54 and 56. At point 56, the unit boundary becomes the road seen in point 49 once again, followed by another section of water pipeline serving as the unit boundary (point 57). A short distance to the south of point 57, the unit boundary becomes the wilderness inventory road seen in point 49 once more.

Boundary Adjustments:

-Point 53 marks the location where the boundary leaves the wilderness inventory road seen in point 49, and becomes a water pipeline (points 54 and 56). This pipeline is a human disturbance; using this as the unit boundary excludes a number of other minor human impacts to the east from the LWC unit and provides maintenance access for those who use the water.

Cherrystems: Six routes are cherrystemmed along this segment. They all access water developments for livestock and wildlife use. Four of them are less than ¼ mile long. Two of them are longer (1 and 1.2 miles long), but they still do not penetrate deeply into the wild heart of the unit

-Point 16 shows the junction of a cherrystemmed route (left) and the unit boundary (right). Point 20, while showing some revegetation, depicts the cherrystem with signs of maintenance within the last few years (fresh roadside berm). Point 21 was taken looking at some functional water tanks at the end of this cherrystem that were also excluded from the proposed LWC unit.

-Points 32 and 33 show a nice condition cherrystem traveling to the northeast. This is the longest cherrystem along this segment. Point 34 and 35 show two corrals along this cherrystem. The maintenance of this road ends at the corral seen in point 35, and this route continues to the east as an unmaintained way, described below.

-Point 43 was taken at the intersection of the unit boundary road and a very short cherrystem (on left in photo). Point 42 documents some type of monitoring station with solar panels at the end of this short cherrystem, which was also excluded from the proposed LWC.

-Point 46 documents a cherrystemmed road (on right) with a short way to the left in the photograph. Point 47 shows another image of this wilderness inventory road, which contains signs of maintenance in the last 3 to 5 years. This road ends at an earth-bermed tank seen in point 48.

-Point 51 shows another very short cherrystem (left) which accesses a spring box, with the boundary road on the right in the image. Point 52 was taken at the point where this route is no longer maintained.

Ways:

-Points 14, 15, 22, 23, 24, 25 display the images of reclaimed ways that were once used for prospecting, but since have revegetated and been reclaimed by nature. These see virtually no vehicle use.

-Points 17 and 19 were taken of an unmaintained way that bypasses the water tank. This way is rutted-out and has vegetation growing in the median indicating that it has not been maintained in some time, and in fact the vegetation becomes so robust that it seems no one has used the route in many years. Point 18 shows an antiquated and unused reclaimed way that stems from the primitive route seen in points 17 and 19.

-Point 28 shows another old primitive route that is no longer used and has been reclaimed by nature. This may have been a prospecting route.

-Point 31 was taken looking up a way that was not constructed, is not maintained and travels a short distance up a dry wash.

-Points 36-39 were taken of primitive routes beyond the cherrystem seen in point 35. These routes are seldom used, and while the section that climbs up the mesa is a substantial bench-cut, it is in terrible, unmaintained condition, and there is no obvious reason why a route needs to climb the mesa anyway as the routes all dead-end and there is nothing up there but wild nature.

-Point 55 shows another short primitive route that shows no evidence of use and is in the process of revegetating. This route was built for an exploratory drill-hole decades ago.

Associated Human Impacts:

-Major human impacts have been excluded from the proposed LWC (point 21).

-Point 26 documents a very minor human impact that is near a dry wash in the bottom of a canyon making it substantially unnoticeable from most perspectives.

-Point 27 displays the image of a corral right near the unit boundary, which is excluded.

-Point 58 was taken looking at a primitive dispersed campsite. There are several locations similar to this along this stretch of boundary road. As the photo shows, these are very minor impacts that people seem to use as turnarounds and/or campsites. We have not excluded these points from the unit because they do not impact naturalness.

Note: Point 50 is not shown on the map because it was taken outside of the unit, and therefore, not included in this report.

Segment D: Southwestern Boundary

SEE DETAIL MAP 3

General Description: McEwen Ranch Road, a regularly graded two-wheel drive road, (point 60) forms much of this unit boundary segment. The BLM property line with private lands also forms several sections of the proposed boundary: from point 68 to point 69, from point 70 to point 89, and from point 91 to point 92. Otherwise, McEwen Ranch Road serves as the boundary until the southwestern unit corner at point 93.

Cherrystems: One long (4.5 miles) cherrystem penetrates this segment of the unit. The route ultimately leads to a water catchment and tanks in upper Box Canyon. Point 71 shows the start of this route which leads to a corral at point 72 and eventually to the water tanks at point 88. Points 83 and 84 show the typical condition of this road, which has old signs of maintenance, but no recent evidence. However, this road is likely to be maintained again since it is used to access functional water tanks. We recommend that the BLM look closely at this route. Because it is such a long cherrystem, the long-term use of the water installation at point 88 should be considered. If this route was closed and revegetated, wilderness values would increase significantly. Point 87 shows an unmaintained way near the water tanks at end of the cherrystem.

Ways:

-Points 59, 61, 67 and 90 all show primitive routes, with no signs of maintenance, that travel up dry washes with no apparent purpose. The ease of driving up these washes complicates management for wilderness character, but they do not meet the definition of wilderness inventory roads and are thus considered primitive routes.

-Points 62-64 document an unmaintained way and a campsite. The BLM route inventory displays a route traveling up a wash just to the south of these points; our inventory team found no evidence of vehicular use in this wash.

-Just to the south of point 70, the BLM route inventory data displays a route going up a wash to Charley Thompson Springs. This route does not exist. No route is detectable on the ground, or upon examining the aerial imagery.

-Points 73 and 74 document a primitive route that receives almost no vehicular use and is in the process of revegetating.

-Points 75, 76, 79-82 display the images of several unmaintained ways that branch from the main cherrystem. Point 76 shows a revegetated way (from a distance) that has been reclaimed by nature. Point 78 depicts a non-functional earth-bermed tank along one of the primitive routes.

Associated Human Impacts:

-Point 65 documents a small turnaround spot located right along McEwen Ranch Road (unit boundary).

-Point 66 was taken looking at a small disturbance that was most likely created during the construction of McEwen Ranch Road. This disturbance is in the process of revegetating and naturalizing.

-Points 85 and 86 display images of an old rainwater apron, which is out of order. As point 86 shows, this human disturbance has minimal impact to naturalness, as it is barely visible from even a short distance away.

Segment E: Western Boundary

SEE DETAIL MAPS 4 & 5

General Description: Day Mine Road serves as nearly the entire western unit boundary. Point 107 displays the image of a very short road, which accesses a corral, and serves as a short portion of the unit boundary. Point 111 shows an old section of Day Mine Road that forms as a small segment of the unit boundary. Points 115 and 117 document a short road that leads to an earth-bermed tank (point 116), and serves as a portion of the western unit boundary.

Boundary Adjustments:

-Point 111 displays an image of an old section of the wilderness inventory road. This section of old road serves as a short portion of the unit boundary because it is a human impact that can easily be excluded.

Cherrystems:

-Point 95 documents two cherrystemmed routes at an intersection. These routes lead to ranching developments in the Burton wash area. Point 96 displays another image of the eastern branch of these cherrystems. Point 97 shows the water tanks at the end of the easterly cherrystem, which have also been excluded from the proposed LWC unit. Point 100 displays a photograph of the northerly branch of this cherrystem. Farther to the north, point 101 shows another junction of maintained roads. Point 102 shows the maintained state of the road seen on the right in point 100, as well as the excluded water tanks that this road is used to access. Point 103 displays an image of the road seen on the left in point 100. This portion of the cherrystem goes to a non-functional rain apron seen in point 104, then ends at a campsite at point 105.

-Point 108 shows a short cherrystem that leads to a water tank (point 109). The road becomes an unmaintained way after the water tank (point 110).

Ways:

-Point 98 shows an unmaintained way that leads to a weather station (point 99).

-Point 106 depicts a very short way that ends at a campsite.

-Point 110 documents an unmaintained way in a dry wash with no apparent purpose.

-Point 112 was taken looking up a way with no signs of maintenance. This route was built to excavate a dirt tank in Porter Wash, which is no longer accessible by vehicle. Points 113 and 114 further document that this primitive route is not being maintained; in fact this way is in the process of revegetating and being reclaimed by nature. This way becomes impassable shortly beyond point 114.

Associated Human Impacts:

-Point 94 shows a campsite right along Day Mine Road.

-Point 99 displays an image of a weather station that is in the LWC unit. The way leading to this station shows no signs of maintenance. Human impacts, such as small weather stations, are among the impacts that are considered to be substantially unnoticeable according to BLM Manual 6310.

Segment F: Northern Boundary

SEE DETAIL MAPS 5 & 6

General Description: Day Mine Road (point 128) forms most of the northern boundary to the Day Mine Proposed LWC unit. Other wilderness inventory roads that lead to or follow the boundary of State Trust Land and the San Carlos Indian Reservation are used.

Boundary Adjustments:

-The unit boundary was adjusted to exclude a small building seen in Point 126.

-Point 127 shows a small earth-bermed tank right along the boundary road that is excluded from the unit.

Cherrystems:

-Point 129, 130 and 134 show a cherrystemmed road heading south toward a couple of earth-bermed water tanks (points 131 & 137) and two corrals (point 133 & 136). Points 132 and 135 depict the condition of two short spurs that are also excluded from the proposed LWC unit. Point 138 documents that the cherrystemmed road becomes an unmaintained primitive route after the second corral and earth-bermed tanks.

-Points 141 and 142 depict a cherrystemmed road that ends at a creek crossing (point 143). Points 144, 145 and 147 document that the cherrystem is no longer maintained after the creek crossing. Point 146 was taken of dilapidated corral that is apparently no longer used. Point 149 shows a water tank at the end of a cherrystemmed road.

Ways:

-Point 118 pictures a primitive route that is only about a quarter-mile in length, and is not being maintained. It was built for an exploratory drill hole.

-Point 120 displays the image of a route that has largely revegetated and been reclaimed by nature.

-Points 139 and 140 show the condition of a short, unmaintained primitive route that leads an earth-bermed tank.

-Point 148 depicts an unmaintained turnaround spot right along the boundary road.

Associated Human Impacts:

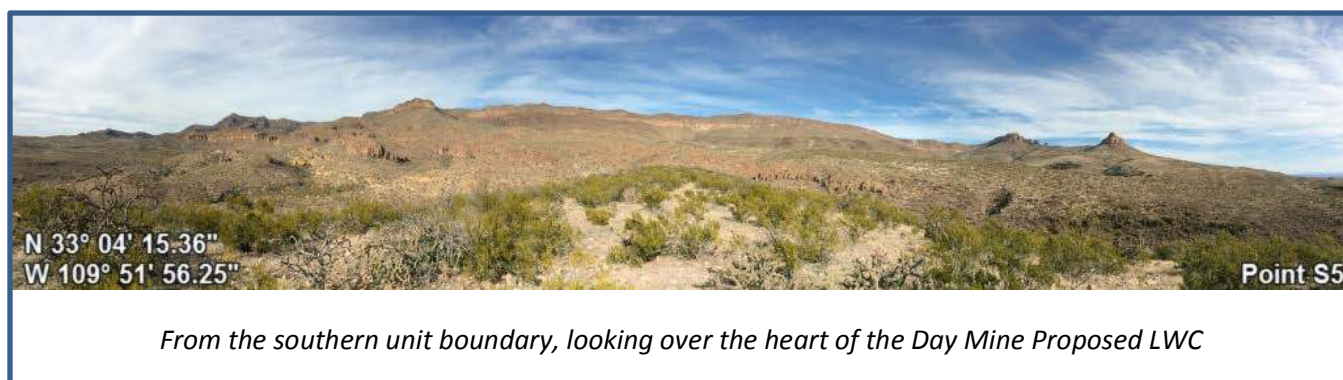
-Point 119 shows a small primitive campsite right along the boundary road.

-Point 121 was taken looking at a water tank that is close to the northern boundary road and very well-hidden by vegetative screening. Point 122 shows a small rock dam that was once used to feed the water tank, but has since filled in with debris.

-Point 126 displays the image of a small building that is excluded from the proposed LWC.

-Point 127 shows a small earth-bermed tank located along the northern boundary road that is excluded from the LWC unit


That completes the narrative description of the unit boundary, vehicle routes, and human impacts.




Section 4: Photopoint Data

Attributes	
Point	1
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Likely if needed
Determination	Road
Feature	Tank access and ranch road towards southern border.
Feature notes	
Other notes	Cherrystem

1



Google
Digitized by USDA Farm Service Agency



N 33° 02' 22.50"
W 109° 48' 20.33"
Photo Direction: 141° SE
4035 ft
1/24/2016

Attributes	
Point	2
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Well/Water tanks
Maintenance	N/A
Determination	N/A
Feature	Water tank
Feature notes	Appears functional
Other notes	This impact is excluded.

2




Google
Digitized by USDA Farm Service Agency




N 33° 02' 26.62"
W 109° 48' 22.06"
Photo Direction: 352° N
4042 ft
1/24/2016

Attributes	
Point	3
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Likely to be maintained
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

3



Google
Digitized by USDA Farm Service Agency




N 33° 02' 21.08"
W 109° 48' 24.37"
Photo Direction: 138° SE


Day Mine Proposed LWC

Attributes	
Point	4
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	None apparent
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	Naturalizing
Other notes	

4




Google
USDA Farm Service Agency




N 33° 02' 11.64"
W 109° 49' 09.32"
Photo Direction: 285° WNW
3866 ft
1/24/2016

Attributes	
Point	5
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Historic Prospecting
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Worst section of route
Other notes	Typical 4WD can't pass through this wash

5




Google
USDA Farm Service Agency




N 33° 02' 16.78"
W 109° 49' 05.70"
Photo Direction: 36° NE
3757 ft
1/24/2016

Attributes	
Point	6
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None apparent
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	Old mine impacts are naturalizing well.
Other notes	

6



Google
USDA Farm Service Agency




N 33° 02' 26.01"
W 109° 48' 59.70"
Photo Direction: 1° N
3830 ft
1/24/2016


Day Mine Proposed LWC

Attributes	
Point	7
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	
Other notes	

7




Google
Digitized by USDA Farm Service Agency




N 33° 02' 34.14"
W 109° 48' 59.01"
Photo Direction: 270° W
4041 ft
1/24/2016

Attributes	
Point	8
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	Naturalizing
Other notes	

8




Google
Digitized by USDA Farm Service Agency




N 33° 02' 36.25"
W 109° 48' 57.12"
Photo Direction: 22° NNE
4097 ft
1/24/2016

Attributes	
Point	9
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetating
Feature notes	Naturalizing
Other notes	

9



Google
Digitized by USDA Farm Service Agency



N 33° 02' 40.54"
W 109° 48' 56.54"
Photo Direction: 273° W
4147 ft
1/24/2016

Day Mine Proposed LWC

Attributes	
Point	10
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetating
Feature notes	Naturalizing
Other notes	

10




Google
Digitized by USDA Farm Service Agency




N 33° 02' 46.94"
W 109° 48' 50.46"
Photo Direction: 14° NNE
4196 ft
1/24/2016

Attributes	
Point	11
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Ranching
Maintenance	Likely to be maintained
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

11




Google
Digitized by USDA Farm Service Agency




N 33° 02' 11.71"
W 109° 48' 49.89"
Photo Direction: 101° E
3966 ft
1/24/2016

Attributes	
Point	14
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	
Other notes	

14



Google
Digitized by USDA Farm Service Agency




N 33° 02' 05.24"
W 109° 49' 50.47"
Photo Direction: 120° ESE
3522 ft
1/24/2016


Day Mine Proposed LWC

Attributes	
Point	15
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	
Other notes	

15




Google
Digitized by USDA Farm Service Agency




N 33° 02' 42.78"
W 109° 49' 37.01"
Photo Direction: 133° SE
3810 ft
1/24/2016

Attributes	
Point	16
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	Maintained
Other notes	Unit Boundary on right

16



Google
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N 33° 02' 43.16"
W 109° 49' 37.89"
Photo Direction: 131° SE
3822 ft
1/24/2016

Attributes	
Point	17
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Revegetating
Other notes	

17



Google
Digitized by USDA Farm Service Agency




N 33° 02' 49.70"
W 109° 49' 32.23"
Photo Direction: 54° NE
3808 ft
4/24/2016


Day Mine Proposed LWC

Attributes	
Point	18
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	None apparent
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	
Other notes	

18




Google
Digitized by USDA Farm Service Agency



N 33° 02' 50.03"
W 109° 49' 31.07"
Photo Direction: 154° SSE
3821 ft
1/24/2016

Attributes	
Point	19
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	None
Purpose	None apparent
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	Point where way becomes reclaimed.
Other notes	

19



Google
Digitized by USDA Farm Service Agency



N 33° 02' 51.65"
W 109° 49' 29.99"
Photo Direction: 33° NNE
3836 ft
1/24/2016

Attributes	
Point	20
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem

20



Google
Digitized by USDA Farm Service Agency



N 33° 02' 50.90"
W 109° 49' 31.67"
Photo Direction: 202° SSW
3800 ft
1/24/2016

Day Mine Proposed LWC

Attributes	
Point	21
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Well/Water tanks
Maintenance	N/A
Determination	N/A
Feature	Water tank
Feature notes	Tanks are full and in use
Other notes	Cherrystem. This impact is excluded.

21




Google
Digitized by USDA Farm Service Agency




N 33° 02' 52.50"
W 109° 49' 30.69"
Photo Direction: 21° NNE
3834 ft
1/24/2016

Attributes	
Point	22
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	Historic Prospecting
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	
Other notes	

22



Google
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N 33° 02' 50.98"
W 109° 49' 39.66"
Photo Direction: 173° S
4051 ft
1/24/2016

Attributes	
Point	23
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Historic Prospecting
Maintenance	N/A
Determination	Reclaimed
Feature	Revegetated
Feature notes	Feature minimally affects naturalness
Other notes	

23



Google
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N 33° 02' 53.37"
W 109° 49' 39.26"
Photo Direction: 127° SE
4061 ft
1/24/2016

Day Mine Proposed LWC

Attributes	
Point	24
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Historic Prospecting
Maintenance	N/A
Determination	Reclaimed
Feature	Revegetating
Feature notes	Feature minimally affects naturalness
Other notes	



24

Google | USDA Farm Service Agency | N 33° 02' 57.02" | W 109° 49' 39.80" | 4083 ft | Photo Direction: 50° NE | 1/24/2016

Attributes	
Point	25
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Historic Prospecting
Maintenance	N/A
Determination	Reclaimed
Feature	Revegetated
Feature notes	Feature minimally affects naturalness
Other notes	



25

Google | USDA Farm Service Agency | N 33° 03' 02.57" | W 109° 49' 41.52" | 4113 ft | Photo Direction: 37° NE | 1/24/2016

Attributes	
Point	26
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Unknown human impact
Feature notes	Heavy plastic tubes drilled into solid rock
Other notes	

26





Google | USDA Farm Service Agency | N 33° 03' 04.48" | W 109° 50' 25.84" | 3685 ft | Photo Direction: 33° NNE | 1/24/2016


Day Mine Proposed LWC

Attributes	
Point	27
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Ranching
Maintenance	N/A
Determination	N/A
Feature	Corral
Feature notes	
Other notes	

27




Google
Digitized by USDA Farm Service Agency




N 33° 03' 03.44"
W 109° 51' 12.93"
Photo Direction: 24° NNE
3518 ft
1/24/2016

Attributes	
Point	28
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	None apparent
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	No tire tracks in berm, undisturbed plants in berm
Other notes	Way intersects wash-intersection is impassable

28



Google
Digitized by USDA Farm Service Agency



N 33° 03' 21.51"
W 109° 51' 38.79"
Photo Direction: 67° ENE
3533 ft
1/24/2016

Attributes	
Point	29
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Very recent blade - past year
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

29



Google
Digitized by USDA Farm Service Agency




N 33° 03' 38.11"
W 109° 51' 54.27"
Photo Direction: 140° SE
3659 ft
1/24/2016


Day Mine Proposed LWC

Attributes	
Point	30
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Unknown
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

30




Google
Digitized by USDA Farm Service Agency




N 33° 03' 43.02"
W 109° 52' 00.05"
Photo Direction: 184° S
3590 ft
1/24/2016

Attributes	
Point	31
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Re-enters road short way up wash
Other notes	

31




Google
Digitized by USDA Farm Service Agency




N 33° 03' 47.67"
W 109° 51' 55.33"
Photo Direction: 33° NNE
3612 ft
1/24/2016

Attributes	
Point	32
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	Very recent blade - past year
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	Unit Boundary on right
Other notes	Cherrystem on left

32



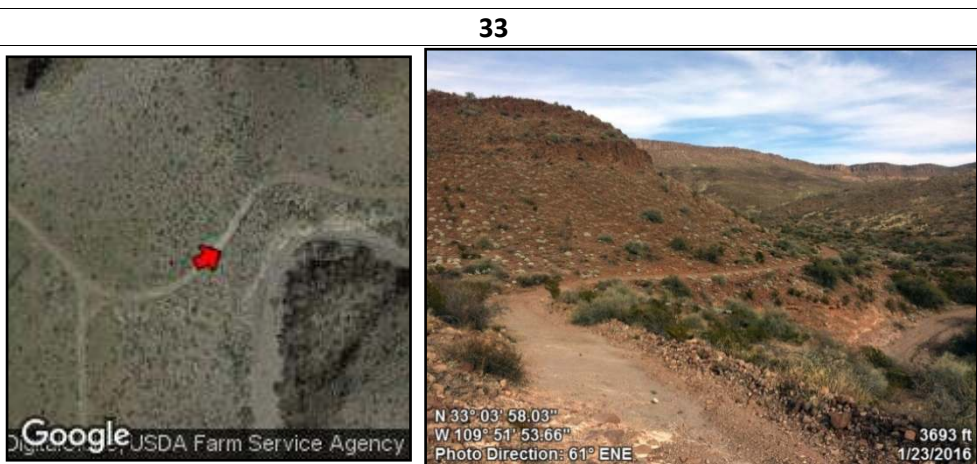
Google
Digitized by USDA Farm Service Agency



N 33° 03' 57.85"
W 109° 51' 56.28"
Photo Direction: 131° SE
3690 ft
1/23/2016

Day Mine Proposed LWC

Attributes	
Point	33
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Ranching
Maintenance	Very recent blade - past year
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



Attributes	
Point	34
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Ranching
Maintenance	N/A
Determination	N/A
Feature	Corral
Feature notes	
Other notes	Along cherrystem




Attributes	
Point	35
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Very recent blade - past year
Determination	Road
Feature	Corral/water tank
Feature notes	Road becomes unmaintained after this corral
Other notes	Cherrystem. This impact is excluded.




Day Mine Proposed LWC

Attributes	
Point	36
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Feature minimally affects naturalness
Other notes	

36




Google
Digitized by USDA Farm Service Agency




N 33° 04' 05.56"
W 109° 49' 54.10"
Photo Direction: 153° SSE
4881 ft
1/23/2016

Attributes	
Point	37
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	

37




Google
Digitized by USDA Farm Service Agency




N 33° 04' 14.37"
W 109° 50' 00.44"
Photo Direction: 13° NNE
4983 ft
1/23/2016

Attributes	
Point	38
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Revegetating
Feature notes	Feature minimally affects naturalness
Other notes	

38



Google
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N 33° 04' 29.11"
W 109° 50' 00.99"
Photo Direction: 43° NE
4909 ft
1/23/2016

Day Mine Proposed LWC

Attributes	
Point	39
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Revegetating
Feature notes	Kept open solely by the passage of vehicles
Other notes	



39

N 33° 04' 29.21"
 W 109° 50' 18.74"
 Photo Direction: 307° NW
 4967 ft
 1/23/2016

Attributes	
Point	40
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	
Other notes	Unit Boundary



40

N 33° 03' 59.07"
 W 109° 52' 03.70"
 Photo Direction: 302° WNW
 3723 ft
 1/23/2016

Attributes	
Point	41
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	Likely if needed
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

41

N 33° 04' 05.74"
 W 109° 52' 04.14"
 Photo Direction: 219° SW
 3812 ft
 1/23/2016

Day Mine Proposed LWC

Attributes	
Point	
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Remote monitoring module
Maintenance	N/A
Determination	N/A
Feature	Remote monitoring module
Feature notes	This impact is excluded.
Other notes	



Attributes	
Point	43
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Likely if needed
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	
Other notes	Cherrystem

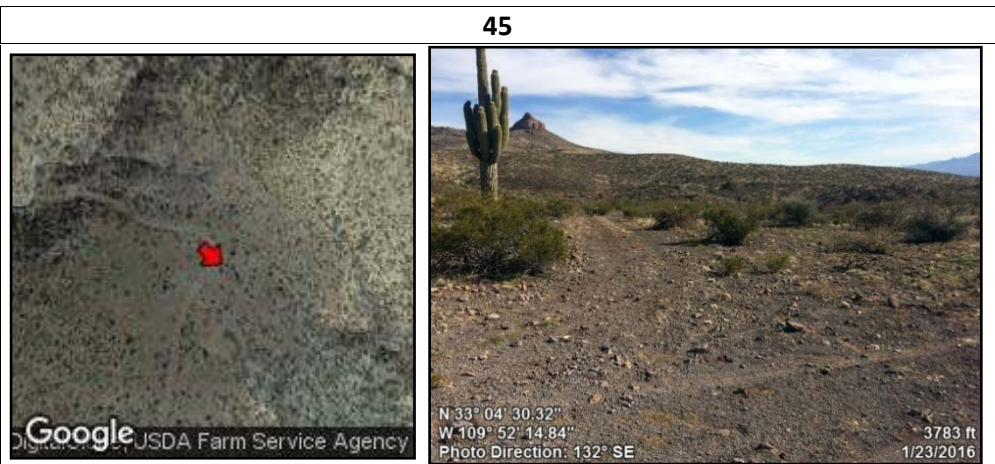


Attributes	
Point	44
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	Light use
Other notes	Unit Boundary

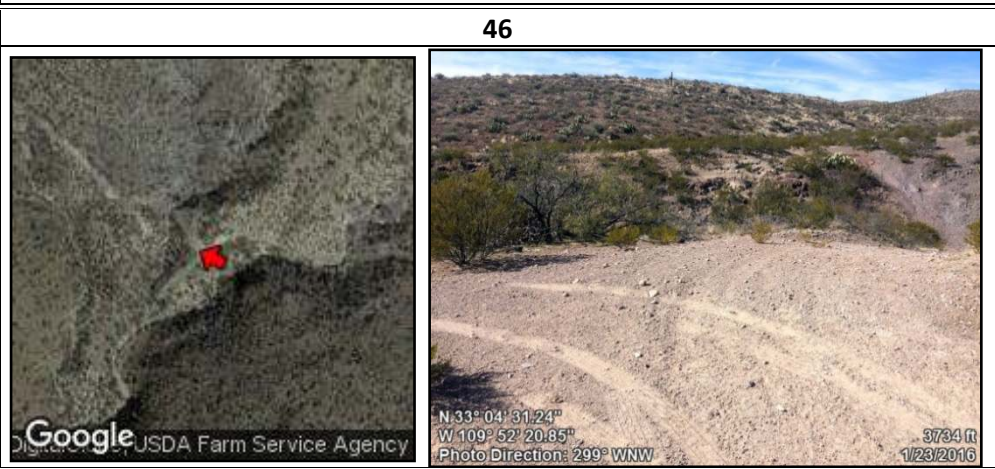


Day Mine Proposed LWC

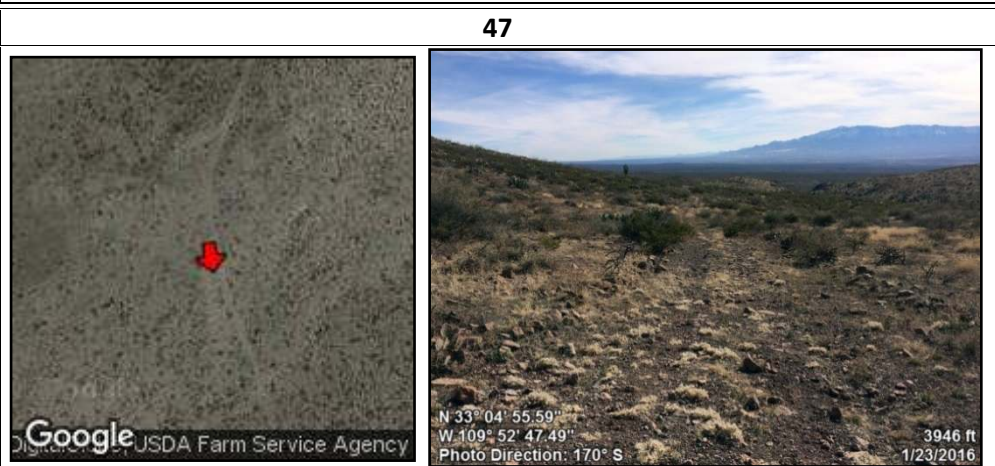
Attributes	
Point	45
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	
Other notes	Unit Boundary



Attributes	
Point	46
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Fence maintenance
Maintenance	None
Determination	Way (left)
Feature	Junction of Routes/Ways
Feature notes	Way on left quickly dead ends
Other notes	In wash, there is a concrete water tank with plants growing inside




Attributes	
Point	47
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Earthen-bermed tank
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem




Day Mine Proposed LWC

Attributes	
Point	48
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Earthen-bermed tank
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Bermed tank
Feature notes	
Other notes	Cherrystem

48




Google
Digitized by USDA Farm Service Agency




N 33° 05' 07.48"
W 109° 52' 41.55"
Photo Direction: 211° SSW
3996 ft
1/23/2016

Attributes	
Point	49
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	Old evidence - 3-5 yrs ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

49




Google
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N 33° 04' 04.32"
W 109° 52' 35.09"
Photo Direction: 51° NE
3624 ft
1/23/2016

Attributes	
Point	51
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	None
Determination	Roads
Feature	Junction of Routes/Ways
Feature notes	
Other notes	

51



Google
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N 33° 03' 58.19"
W 109° 52' 41.10"
Photo Direction: 349° N
3546 ft
1/23/2016


Day Mine Proposed LWC

Attributes	
Point	52
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Spring containment
Maintenance	Old evidence
Determination	Road
Feature	Campsite
Feature notes	Maintenance ends here
Other notes	Cherrystem

52




Google
DISPATCHED BY USDA Farm Service Agency




N 33° 03' 57.88"
W 109° 52' 46.26"
Photo Direction: 41° NE
3502 ft
1/23/2016

Attributes	
Point	54
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Water pipeline
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

54




Google
DISPATCHED BY USDA Farm Service Agency




N 33° 03' 10.23"
W 109° 53' 33.17"
Photo Direction: 65° ENE
3217 ft
1/23/2016

Attributes	
Point	55
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	None
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Revegetating
Other notes	

55



Google
DISPATCHED BY USDA Farm Service Agency




N 33° 03' 11.88"
W 109° 53' 40.28"
Photo Direction: 236° SW
3288 ft
1/23/2016


Day Mine Proposed LWC

Attributes	
Point	56
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Water pipeline
Maintenance	N/A
Determination	N/A
Feature	Pipeline
Feature notes	
Other notes	Unit Boundary

56




Google
Digitized by USDA Farm Service Agency




N 33° 02' 28.30"
W 109° 53' 54.38"
Photo Direction: 26° NNE
3156 ft
1/23/2016

Attributes	
Point	57
Unit name	Day Mine
Route name	N/A
Construction	Hand labor
Use	N/A
Purpose	Water pipeline
Maintenance	N/A
Determination	N/A
Feature	Water pipeline
Feature notes	
Other notes	Unit Boundary

57




Google
Digitized by USDA Farm Service Agency




N 33° 01' 44.17"
W 109° 54' 25.05"
Photo Direction: 199° SSW
2975 ft
1/23/2016

Attributes	
Point	58
Unit name	Day Mine
Route name	Not Named
Construction	N/A
Use	N/A
Purpose	Camping
Maintenance	N/A
Determination	N/A
Feature	Campsite
Feature notes	Low use
Other notes	

58



Google
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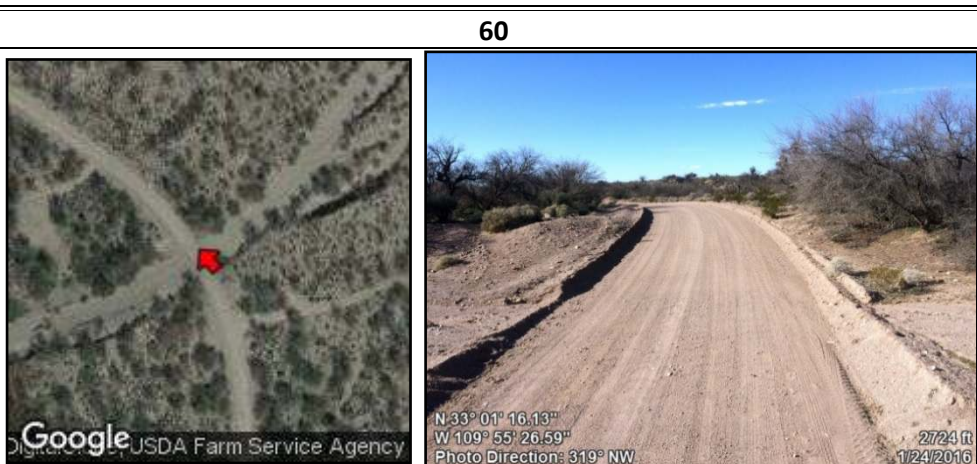
N 33° 01' 18.02"
W 109° 54' 54.27"
Photo Direction: 304° NW
2827 ft
1/24/2016

Day Mine Proposed LWC

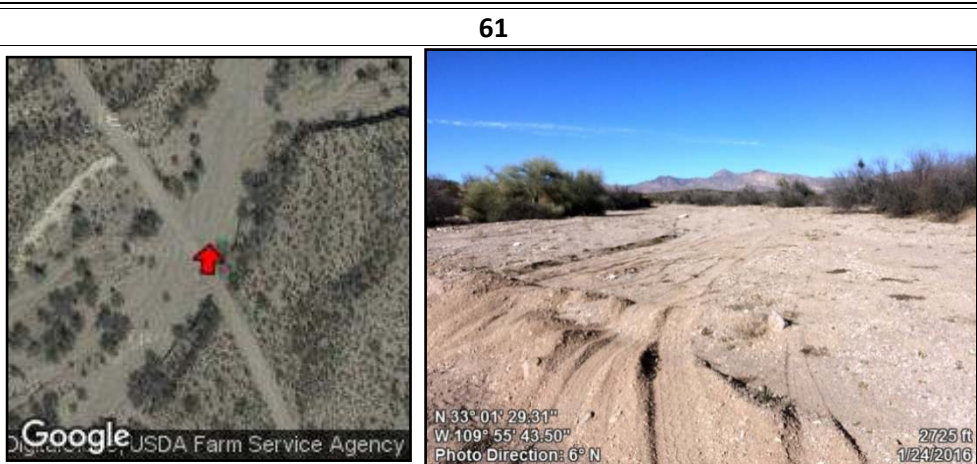
Attributes	
Point	59
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Recreation
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	



Attributes	
Point	60
Unit name	Day Mine
Route name	McEwen Ranch Rd
Construction	Bladed & Cut and Fill
Use	2-WD Vehicles
Purpose	Multiple Uses
Maintenance	Very recent blade - past year
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary





Attributes	
Point	61
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Recreation
Maintenance	None
Determination	Way
Feature	Typical Conditon of Route/Way
Feature notes	
Other notes	



Day Mine Proposed LWC

Attributes	
Point	62
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Opening with campsite
Feature notes	
Other notes	



62

N 33° 01' 45.05"
 W 109° 55' 58.71"
 Photo Direction: 132° SE
 2745 ft
 1/24/2016

Attributes	
Point	63
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Kept open solely by passage of vehicles



63

N 33° 01' 45.15"
 W 109° 55' 58.72"
 Photo Direction: 63° ENE
 2738 ft
 1/24/2016

Attributes	
Point	64
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	End of way
Feature notes	
Other notes	Kept open solely by passage of vehicles

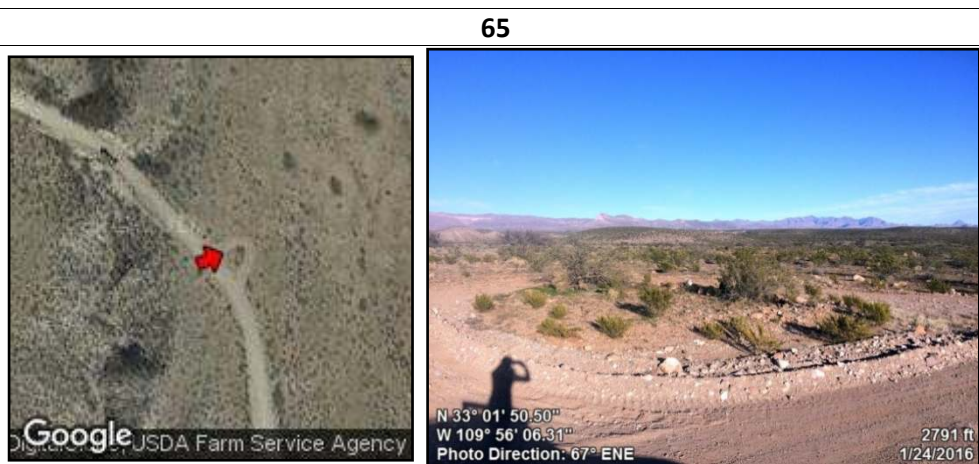
64

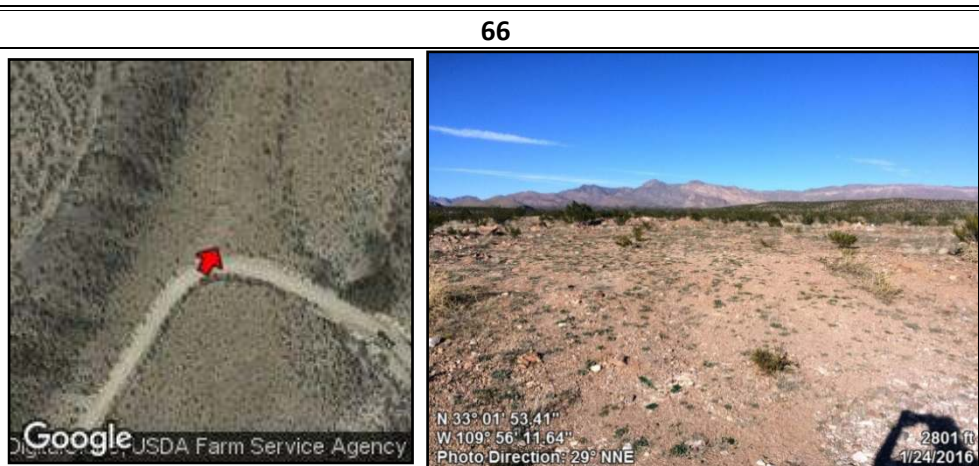
N 33° 02' 03.05"
 W 109° 55' 57.61"
 Photo Direction: 324° NW
 2835 ft
 1/24/2016

Day Mine Proposed LWC

Attributes	
Point	65
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD trucks
Purpose	Turnaround
Maintenance	None
Determination	Way
Feature	Turnaround
Feature notes	
Other notes	Kept open solely by passage of vehicles



Attributes	
Point	66
Unit name	Day Mine
Route name	Not Named
Construction	Probably bladed only once
Use	4-WD trucks use as turnaround
Purpose	Unknown
Maintenance	None
Determination	Reclaimed
Feature	Naturalizing
Feature notes	Probably disturbance from construction of McEwen Rd
Other notes	





Attributes	
Point	67
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	



Day Mine Proposed LWC

Attributes	
Point	71
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Likely to be maintained
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



71

Google | USDA Farm Service Agency | N 33° 02' 52.13" W 109° 57' 04.96" | Photo Direction: 53° NE | 2705 ft | 1/24/2016

Attributes	
Point	72
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Corral
Maintenance	N/A
Determination	N/A
Feature	Corral
Feature notes	This impact is excluded
Other notes	



72

Google | USDA Farm Service Agency | N 33° 03' 04.74" W 109° 56' 51.03" | Photo Direction: 189° S | 2811 ft | 1/25/2016

Attributes	
Point	73
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Junction of Routes/Ways
Feature notes	
Other notes	

73






Google | USDA Farm Service Agency | N 33° 03' 01.13" W 109° 56' 43.04" | Photo Direction: 184° S | 2905 ft | 1/25/2016

Day Mine Proposed LWC

Attributes	
Point	74
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	



74

N 33° 02' 58.73"
 W 109° 56' 44.06"
 Photo Direction: 192° SSW
 2889 ft
 1/25/2016

Attributes	
Point	75
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	



75

N 33° 03' 47.23"
 W 109° 55' 09.48"
 Photo Direction: 56° NE
 3298 ft
 1/25/2016

Attributes	
Point	76
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	None
Purpose	Unknown
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	Route can be seen minimally as it passes through gate near wash
Other notes	

76





N 33° 04' 43.35"
 W 109° 54' 29.06"
 Photo Direction: 115° ESE
 3569 ft
 1/25/2016


Day Mine Proposed LWC

Attributes	
Point	77
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Revegetating
Other notes	

77



Google
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N 33° 04' 55.95"
W 109° 54' 28.40"
Photo Direction: 215° SW
3623 ft
1/25/2016

Attributes	
Point	78
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Breached bermed dam
Feature notes	
Other notes	

78




Google
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N 33° 05' 01.56"
W 109° 54' 24.90"
Photo Direction: 250° WSW
3614 ft
1/25/2016

Attributes	
Point	79
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	

79



Google
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N 33° 05' 05.79"
W 109° 54' 24.14"
Photo Direction: 191° S
3633 ft
1/25/2016

Day Mine Proposed LWC

Attributes	
Point	80
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Route fades
Feature notes	
Other notes	End of way



80

Google | USDA Farm Service Agency | N 33° 05' 14.40" | W 109° 54' 19.59" | Photo Direction: 58° ENE | 3742 ft | 1/25/2016

Attributes	
Point	81
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	


81

Google | USDA Farm Service Agency | N 33° 05' 50.48" | W 109° 54' 30.45" | Photo Direction: 104° ESE | 3635 ft | 1/25/2016

Attributes	
Point	82
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	Off Road Vehicles
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	End of way
Feature notes	
Other notes	

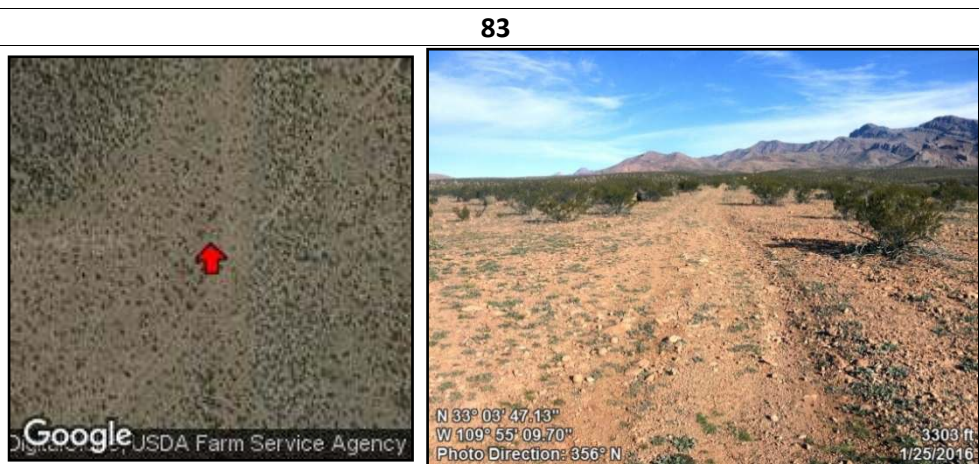
82

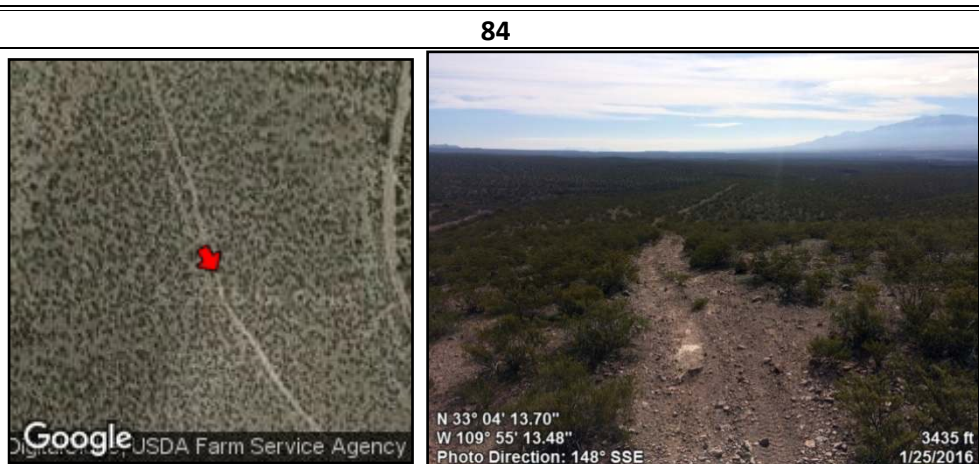
Google | USDA Farm Service Agency | N 33° 05' 35.81" | W 109° 54' 31.36" | Photo Direction: 169° S | 3810 ft | 1/25/2016

Day Mine Proposed LWC

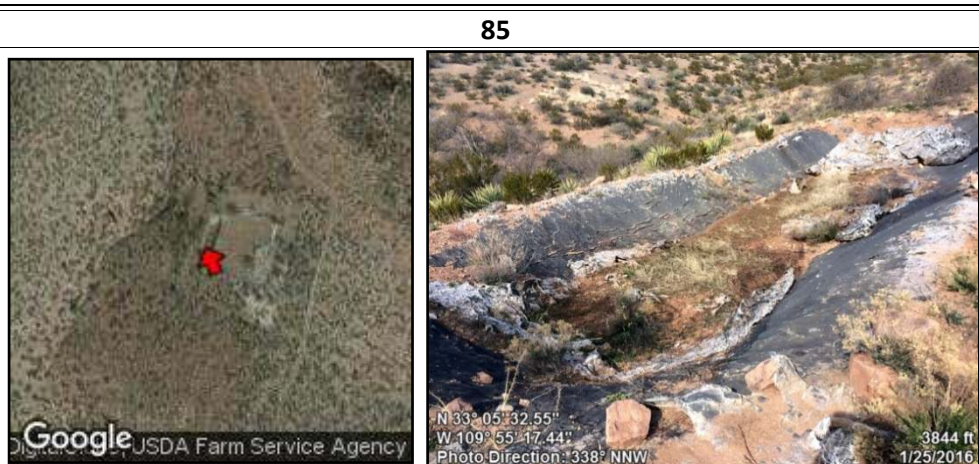
Attributes	
Point	83
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	Likely to be maintained
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



Attributes	
Point	84
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	Likely to be maintained
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem




Attributes	
Point	85
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Rain catchment
Feature notes	Non-functional
Other notes	




Day Mine Proposed LWC

Attributes	
Point	86
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Rain catchment
Feature notes	Minimal impact on naturalness
Other notes	Substantially unnoticeable

86




Google
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N 33° 05' 35.15"
W 109° 55' 15.27"
Photo Direction: 217° SW
3870 ft
1/25/2016

Attributes	
Point	87
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Revegetating
Other notes	Leads to water tanks

87



Google
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N 33° 05' 48.04"
W 109° 55' 11.28"
Photo Direction: 347° NNW
3936 ft
1/25/2016

Attributes	
Point	88
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Water tanks
Maintenance	N/A
Determination	N/A
Feature	Water tanks
Feature notes	Full of water
Other notes	

88



Google
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N 33° 05' 47.76"
W 109° 55' 10.72"
Photo Direction: 87° E
3906 ft
1/25/2016


Day Mine Proposed LWC

Attributes	
Point	90
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	

90




Google
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N 33° 03' 05.21"
W 109° 57' 24.81"
Photo Direction: 55° NE
2728 ft
1/24/2016

Attributes	
Point	93
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	SW corner
Feature notes	
Other notes	Taken from Unit Boundary

93



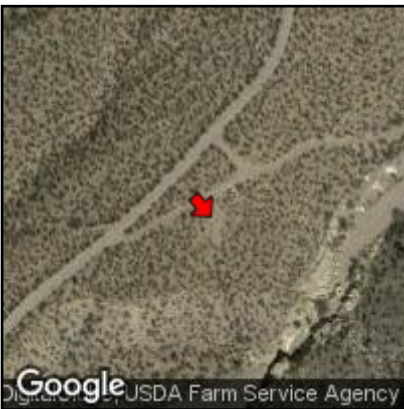
Google
Digitized by USDA Farm Service Agency




N 33° 03' 24.07"
W 109° 57' 52.34"
Photo Direction: 41° NE
2711 ft
1/24/2016

Attributes	
Point	94
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Camping
Maintenance	N/A
Determination	N/A
Feature	Campsite
Feature notes	
Other notes	

94



Google
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N 33° 04' 50.92"
W 109° 57' 44.41"
Photo Direction: 139° SE
3191 ft
1/25/2016

Day Mine Proposed LWC

Attributes	
Point	95
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	
Other notes	Cherrystem



95

Google | USDA Farm Service Agency | N 33° 05' 05.63" W 109° 57' 28.09" | Photo Direction: 87° E | 3259 ft | 1/25/2016

Attributes	
Point	96
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	Very recent blade - past year
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



96

Google | USDA Farm Service Agency | N 33° 05' 00.56" W 109° 56' 55.42" | Photo Direction: 270° W | 3369 ft | 1/25/2016

Attributes	
Point	97
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Water tanks
Feature notes	This impact is excluded
Other notes	Cherrystem

97

Google | USDA Farm Service Agency | N 33° 05' 00.58" W 109° 56' 55.30" | Photo Direction: 22° NNE | 3370 ft | 1/25/2016

Day Mine Proposed LWC

Attributes	
Point	98
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Weather station
Maintenance	None
Determination	Way
Feature	Low use
Feature notes	
Other notes	

98

Google
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N 33° 04' 55.62"
W 109° 57' 04.45"
Photo Direction: 318° NW
3340 ft
1/25/2016

Attributes	
Point	99
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Weather station
Feature notes	Substantially unnoticeable from distance
Other notes	

99

Google
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N 33° 04' 54.93"
W 109° 57' 04.33"
Photo Direction: 28° NNE
3358 ft
1/25/2016

Attributes	
Point	100
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	

100

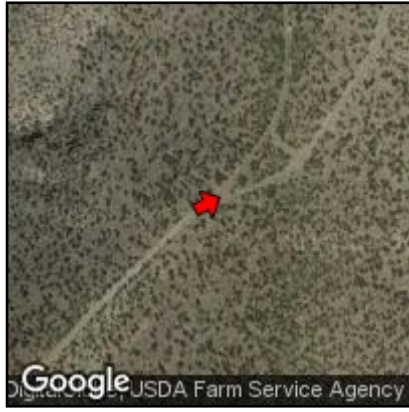

Google
Digitized by USDA Farm Service Agency

N 33° 05' 43.56"
W 109° 57' 00.10"
Photo Direction: 155° SSE
3564 ft
1/25/2016

Day Mine Proposed LWC

Attributes	
Point	101
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Well/Water tanks
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	
Other notes	



101

N 33° 06' 32.58"
W 109° 56' 32.25"
Photo Direction: 62° ENE
3976 ft
1/25/2016

Attributes	
Point	102
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Water tanks
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	Water tanks in background
Other notes	Cherrystem



102

N 33° 06' 35.90"
W 109° 56' 28.83"
Photo Direction: 22° NNE
4007 ft
1/25/2016

Attributes	
Point	103
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Old rain apron
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem

103





N 33° 06' 46.13"
W 109° 56' 24.87"
Photo Direction: 230° SW
4065 ft
1/25/2016


Day Mine Proposed LWC

Attributes	
Point	104
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	None
Determination	N/A
Feature	Rain apron
Feature notes	Substantially unnoticeable from distance
Other notes	Minimally affects naturalness

104




Google
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N 33° 06' 49.33"
W 109° 56' 22.35"
Photo Direction: 345° NNW
4086 ft
1/25/2016

Attributes	
Point	105
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Camping
Maintenance	None
Determination	End of road
Feature	Campsite
Feature notes	
Other notes	End of cherrystem

105




Google
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N 33° 06' 53.79"
W 109° 56' 16.92"
Photo Direction: 39° NE
4126 ft
1/25/2016

Attributes	
Point	106
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Camping
Maintenance	None
Determination	Way
Feature	Campsite
Feature notes	
Other notes	Very short way

106



Google
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N 33° 06' 04.73"
W 109° 57' 41.14"
Photo Direction: 74° ENE
3525 ft
1/25/2016


Day Mine Proposed LWC

Attributes	
Point	107
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Corral access
Maintenance	Likely if needed
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

107




Google
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N 33° 06' 43.92"
W 109° 57' 21.97"
Photo Direction: 77° ENE
3724 ft
1/25/2016

Attributes	
Point	108
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Water tank
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem

108



Google
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N 33° 06' 49.11"
W 109° 57' 15.29"
Photo Direction: 314° NW
3727 ft
1/25/2016

Attributes	
Point	109
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Water tank
Feature notes	This impact is excluded
Other notes	Cherrystem

109



Google
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N 33° 06' 58.20"
W 109° 57' 01.33"
Photo Direction: 51° NE
3799 ft
1/25/2016

Day Mine Proposed LWC

Attributes	
Point	110
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Low use
Feature notes	
Other notes	



110




N 33° 07' 00.10"
 W 109° 56' 58.86"
 Photo Direction: 66° ENE
 3779 ft
 1/25/2016

Attributes	
Point	111
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	None
Purpose	Old section of road
Maintenance	None
Determination	Road
Feature	Old road
Feature notes	
Other notes	Unit Boundary



111

N 33° 07' 10.07"
 W 109° 57' 09.16"
 Photo Direction: 93° E
 3929 ft
 1/25/2016

Attributes	
Point	112
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	Off Road Vehicles
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Junction of Routes/Ways
Feature notes	
Other notes	

112

N 33° 07' 39.94"
 W 109° 56' 49.01"
 Photo Direction: 53° NE
 4036 ft
 1/25/2016

Day Mine Proposed LWC

Attributes	
Point	113
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	Off Road Vehicles
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Kept open solely by the passage of vehicles
Feature notes	Worst section of route
Other notes	In the process of revegetating



113




4093 ft
1/25/2016

Attributes	
Point	114
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	Off Road Vehicles
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Revegetating
Feature notes	Best section of route
Other notes	Further up, way is impassable



114

4122 ft
1/25/2016

Attributes	
Point	115
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Earthen-bermed tanks
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

115





4121 ft
1/25/2016


Day Mine Proposed LWC

Attributes	
Point	116
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Bermed tank
Feature notes	Full tank, livestock use
Other notes	Another smaller tank to south

116




Google
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N 33° 08' 14.17"
W 109° 56' 32.41"
Photo Direction: 103° ESE
4091 ft
1/25/2016

Attributes	
Point	117
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Earthen-bermed tank
Maintenance	Old evidence - 3-5 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Unit Boundary

117



Google
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N 33° 08' 14.28"
W 109° 56' 33.70"
Photo Direction: 316° NW
4121 ft
1/25/2016

Attributes	
Point	118
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Revegetating
Other notes	

118



Google
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N 33° 08' 29.56"
W 109° 55' 47.86"
Photo Direction: 106° ESE
4342 ft
1/25/2016


Day Mine Proposed LWC

Attributes	
Point	119
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Camping
Maintenance	N/A
Determination	N/A
Feature	Campsite
Feature notes	Low impact
Other notes	

119



Google
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N 33° 08' 38.60"
W 109° 55' 30.15"
Photo Direction: 176° S
4434 ft
1/27/2016

Attributes	
Point	120
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	None
Purpose	None apparent
Maintenance	None
Determination	Reclaimed
Feature	Revegetated
Feature notes	
Other notes	

120



Google
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N 33° 08' 45.64"
W 109° 55' 12.72"
Photo Direction: 163° SSE
4439 ft
1/25/2016

Attributes	
Point	121
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Water tank
Feature notes	Well-hidden in forest
Other notes	Substantially unnoticeable

121



Google
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N 33° 08' 49.02"
W 109° 54' 44.10"
Photo Direction: 100° E
4543 ft
1/26/2016


Day Mine Proposed LWC

Attributes	
Point	122
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Dam
Feature notes	Substantially unnoticeable
Other notes	

122




Google
Digitized by USDA Farm Service Agency




N 33° 08' 46.70"
W 109° 54' 43.98"
Photo Direction: 151° SSE
4618 ft
1/26/2016

Attributes	
Point	123
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	None apparent
Maintenance	None
Determination	Way
Feature	Junction of Routes/Ways
Feature notes	Very low use
Other notes	

123



Google
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N 33° 08' 09.97"
W 109° 53' 54.77"
Photo Direction: 150° SSE
5125 ft
1/26/2016

Attributes	
Point	124
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Very low use
Other notes	

124



Google
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N 33° 08' 07.90"
W 109° 53' 55.49"
Photo Direction: 268° W
5206 ft
1/26/2016

Day Mine Proposed LWC

Attributes	
Point	125
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	

125



Google
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N 33° 08' 06.64"
W 109° 53' 17.73"
Photo Direction: 173° S
5318 ft
1/26/2016

Attributes	
Point	126
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	House, water unit
Feature notes	This impact is excluded
Other notes	No current occupants

126



Google
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N 33° 08' 12.34"
W 109° 53' 02.44"
Photo Direction: 133° SE
5377 ft
1/26/2016

Attributes	
Point	127
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Bermed tank
Feature notes	
Other notes	

127



Google
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N 33° 08' 13.47"
W 109° 52' 54.76"
Photo Direction: 114° ESE
5232 ft
1/26/2016

Day Mine Proposed LWC



Attributes	
Point	128
Unit name	Day Mine
Route name	Not Named
Construction	Bladed & Cut and Fill
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	Best section of route
Other notes	Unit Boundary

128

Attributes	
Point	129
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Ranching
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem

129

Attributes	
Point	130
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Ranching
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



130




Day Mine Proposed LWC

Attributes	
Point	131
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Ranching
Maintenance	N/A
Determination	N/A
Feature	Bermed tank
Feature notes	
Other notes	

131

N 33° 07' 57.31"
W 109° 52' 21.21"
Photo Direction: 63° ENE
5204 ft
1/26/2016

Attributes	
Point	132
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Corral
Maintenance	Likely if needed
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



132




N 33° 07' 54.23"
W 109° 52' 19.65"
Photo Direction: 42° NE
5175 ft
1/26/2016

Attributes	
Point	133
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Ranching
Maintenance	N/A
Determination	N/A
Feature	Corral
Feature notes	This impact is excluded
Other notes	

133






N 33° 07' 55.31"
W 109° 52' 19.04"
Photo Direction: 35° NE
5178 ft
1/26/2016

Day Mine Proposed LWC

Attributes	
Point	134
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Ranching
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



134

Google | USDA Farm Service Agency | N 33° 07' 45.78" W 109° 52' 21.02" | 5205 ft | Photo Direction: 171° S | 1/26/2016

Attributes	
Point	135
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Unknown
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	Cherrystem



135

Google | USDA Farm Service Agency | N 33° 07' 40.47" W 109° 52' 23.02" | 5262 ft | Photo Direction: 107° ESE | 1/26/2016

Attributes	
Point	136
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Ranching
Maintenance	N/A
Determination	N/A
Feature	Corral
Feature notes	This impact is excluded
Other notes	

136






Google | USDA Farm Service Agency | N 33° 07' 25.23" W 109° 52' 28.45" | 5227 ft | Photo Direction: 216° SW | 1/26/2016

Day Mine Proposed LWC



Attributes	
Point	137
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	Ranching
Maintenance	N/A
Determination	N/A
Feature	Bermed tanks
Feature notes	
Other notes	

137



Attributes	
Point	138
Unit name	Day Mine
Route name	Not Named
Construction	Probably only bladed once
Use	4-WD Trucks
Purpose	Bermed Tanks
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Impassible by basic 4WD
Other notes	Road becomes completely unkept past corral

138

Attributes	
Point	139
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Earth-bermed tank
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Low use
Other notes	


139


Day Mine Proposed LWC

Attributes	
Point	140
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Earth-bermed tank
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Kept open solely by vehicle passage
Other notes	

140



Google
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N 33° 07' 38.23"
W 109° 50' 00.51"
Photo Direction: 49° NE
4918 ft
1/26/2016

Attributes	
Point	141
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Multiple uses
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Junction of Routes/Ways
Feature notes	
Other notes	Cherrystem

141




Google
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N 33° 07' 35.96"
W 109° 49' 57.05"
Photo Direction: 241° WSW
4948 ft
1/26/2016

Attributes	
Point	142
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Unknown
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	Typical Condition of Route/Way
Feature notes	Best section of route
Other notes	Cherrystem

142



Google
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N 33° 07' 35.75"
W 109° 50' 00.59"
Photo Direction: 87° E
4941 ft
1/26/2016

Day Mine Proposed LWC

Attributes	
Point	143
Unit name	Day Mine
Route name	Not Named
Construction	Bladed
Use	4-WD Trucks
Purpose	Unknown
Maintenance	Semi-recent evidence - 1-3 years ago
Determination	Road
Feature	End of route
Feature notes	No way beyond this point
Other notes	Stops at wash

143

Google | USDA Farm Service Agency | N 33° 07' 20.91" W 109° 50' 15.78" | 4667 ft | Photo Direction: 305° NW | 1/26/2016

Attributes	
Point	144
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	None
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	Best section of route
Other notes	

144




Google | USDA Farm Service Agency | N 33° 07' 01.23" W 109° 49' 56.83" | 4540 ft | Photo Direction: 290° WNW | 1/26/2016

Attributes	
Point	145
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	None
Purpose	Unknown
Maintenance	None
Determination	Way
Feature	Typical Condition of Route/Way
Feature notes	
Other notes	

145



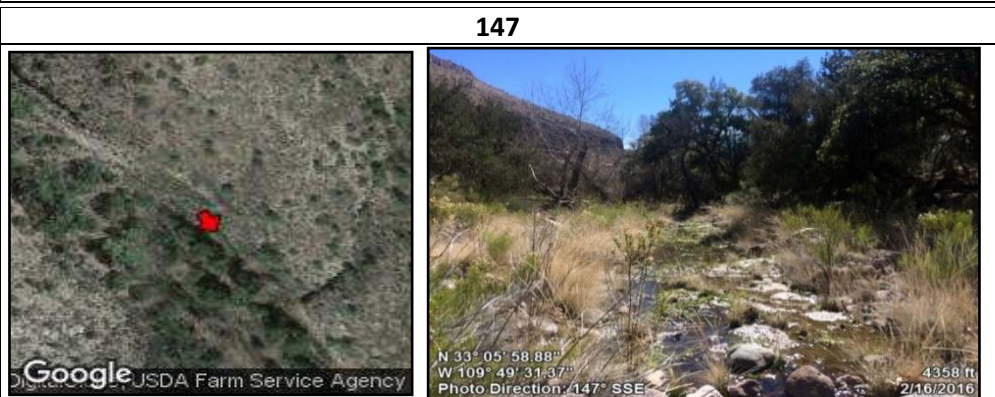

Google | USDA Farm Service Agency | N 33° 06' 41.68" W 109° 49' 47.66" | 4462 ft | Photo Direction: 133° SE | 1/26/2016

Day Mine Proposed LWC

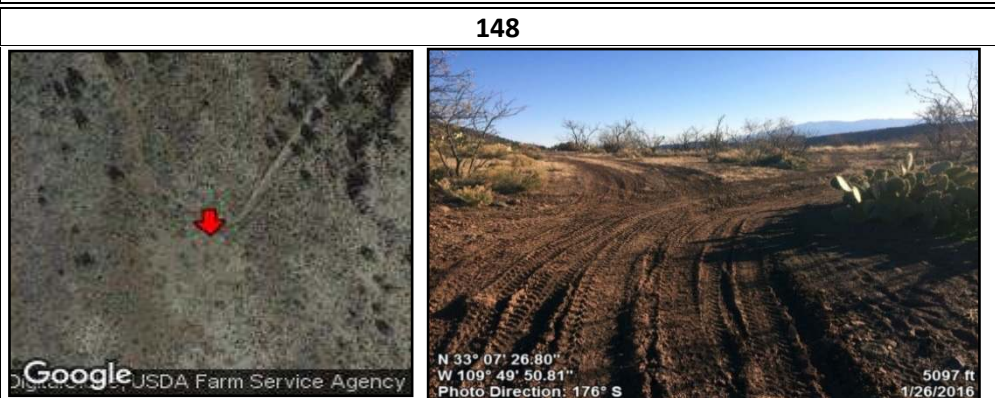
Attributes	
Point	146
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Corral
Feature notes	Abandoned, down trees inside
Other notes	Substantially unnoticeable



Attributes	
Point	147
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Natural Wash
Feature notes	No vehicular use
Other notes	



Attributes	
Point	148
Unit name	Day Mine
Route name	Not Named
Construction	No evidence
Use	4-WD Trucks
Purpose	Turning around
Maintenance	None
Determination	Way
Feature	Turnaround
Feature notes	
Other notes	Kept open solely by passage of vehicles



Attributes	
Point	149
Unit name	Day Mine
Route name	N/A
Construction	N/A
Use	N/A
Purpose	N/A
Maintenance	N/A
Determination	N/A
Feature	Water tank
Feature notes	Empty/dry
Other notes	Cherrystem

